# STATE OF TEXAS DEPARTMENT OF TRANSPORTATION

SEE SHEET 2 FOR INDEX OF SHEETS AND SHEETS 3-5 FOR PROJECT LOCATION MAP

# PLANS OF PROPOSED STATE HIGHWAY IMPROVEMENT

PROJECT NUMBER: F 2025(135) ETC.

BS 6R, ETC. GRIMES COUNTY, ETC.

TOTAL LENGTH OF PROJECT = 27,894 FT= 5.916 MILES, ETC.

FOR THE CONSTRUCTION OF SEALCOAT CONSISTING OF A ONE COARSE SURFACE TREATMENT AND PAVEMENT MARKINGS AND MARKERS.





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SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION, SEPTEMBER 1, 2024, AND SPECIFICATION ITEMS LISTED AS FOLLOWS, SHALL GOVERN ON THIS PROJECT: REQUIRED CONTRACT PROVISIONS FOR ALL FEDERAL-AID CONSTRUCTION

CONTRACTS (FORM FHWA 1273, OCTOBER 23, 2023)

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NO EXCEPTIONS NO EQUATIONS

XX RAILROAD CROSSINGS

| FED. RD.<br>DIV. NO. | PROJECT   | NUMBER       | HIGHWAY | NUMBER    |  |  |
|----------------------|-----------|--------------|---------|-----------|--|--|
| 6                    | F 2025 (1 | 35), ETC.    | BS 6S   | , ETC.    |  |  |
| STATE                | DISTRICT  | COUNTY       |         |           |  |  |
| TEXAS                | BRY       | GRIMES, ETC. |         |           |  |  |
| CONTROL              | SECTION   | JOB          |         | SHEET NO. |  |  |
| 0050                 | 11        | 023,         | ETC.    | 1         |  |  |

#### FINAL PLANS

CONTRACTOR:

LETTING DATE:

DATE CONTRACTOR BEGAN WORK:

DATE WORK WAS COMPLETED:

DATE WORK WAS ACCEPTED:

FINAL CONTRACT COST: \$

# TEXAS DEPARTMENT OF TRANSPORTATION®

| BMITTED                       | 8/1/2024   |
|-------------------------------|------------|
|                               | 0/1/2024   |
| R LETTING:<br>                |            |
| Jeff Miles                    |            |
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| 589D3E0B31FA414               | ENGINEER   |
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| COMMENDED                     | 8/1/2024   |
| R LETTING:<br>—DocuSigned by: |            |
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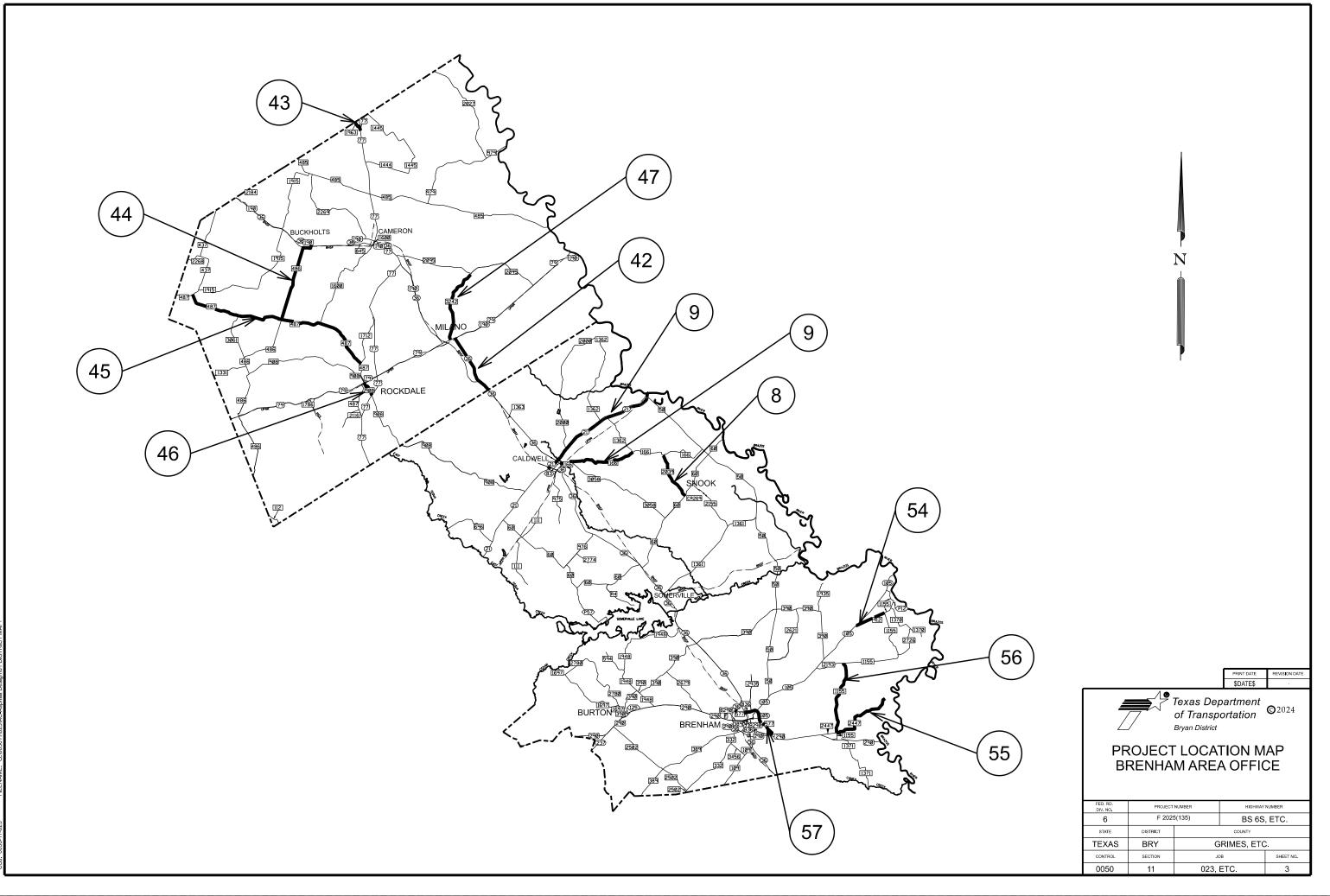
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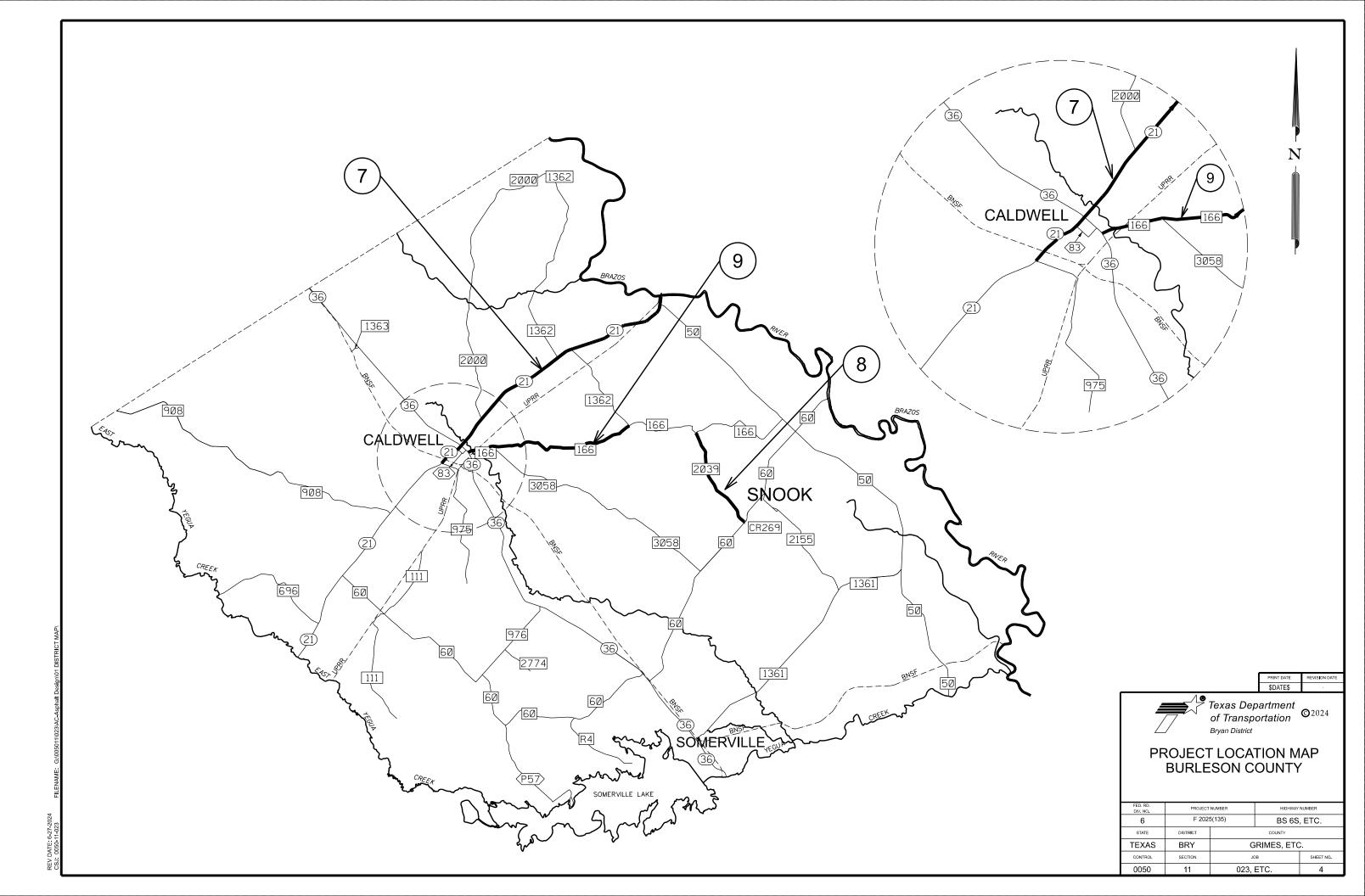


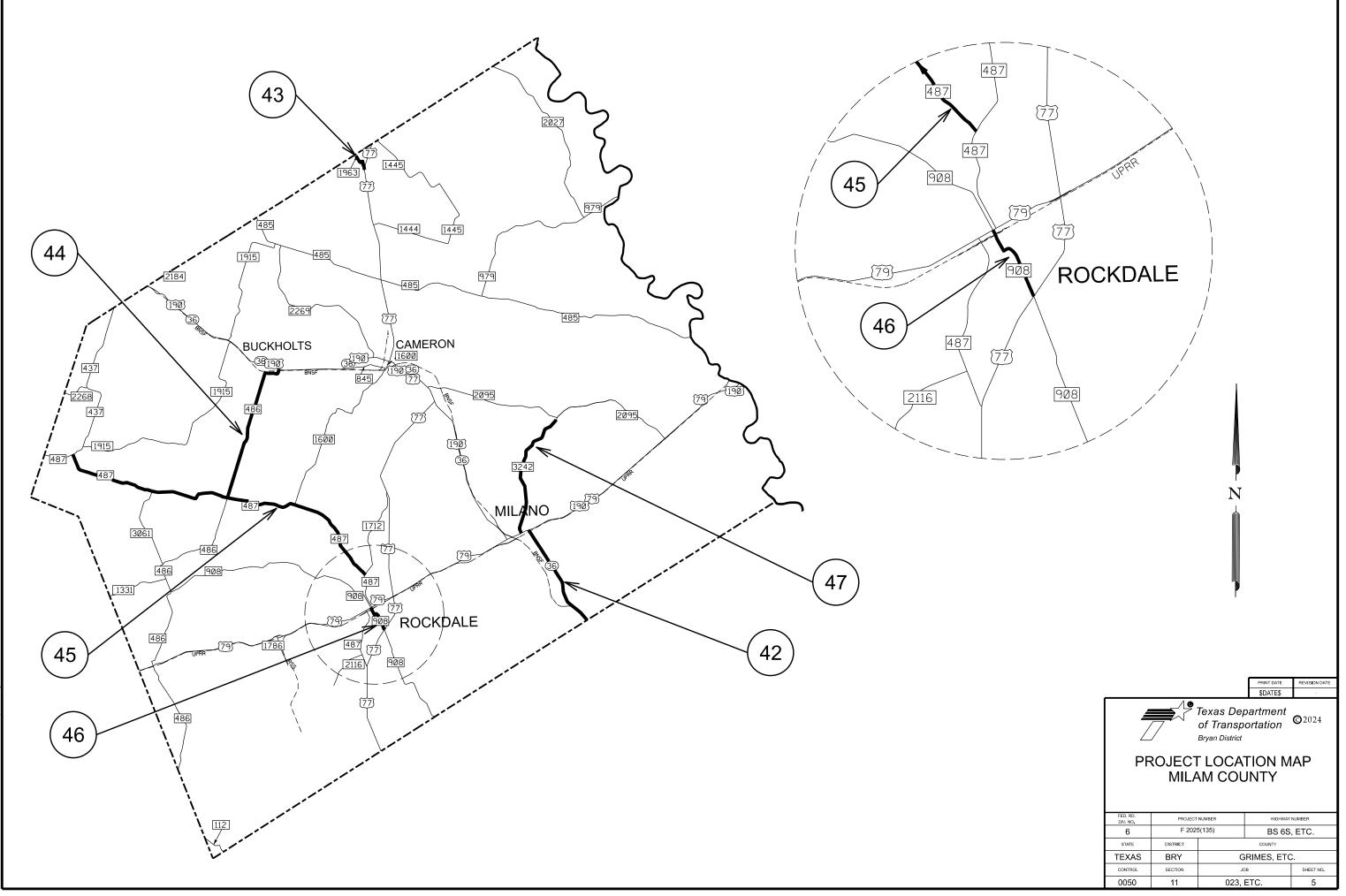
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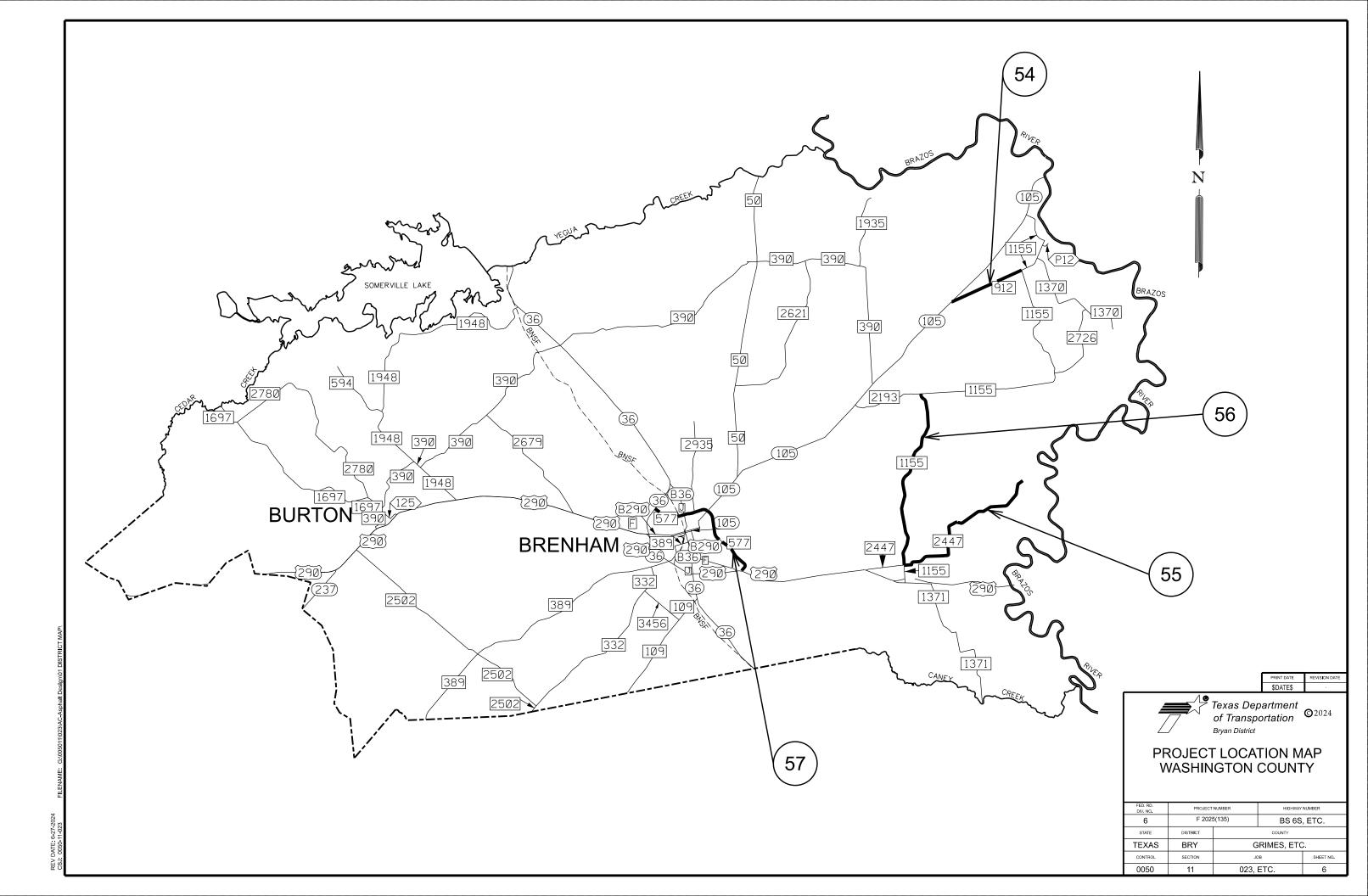


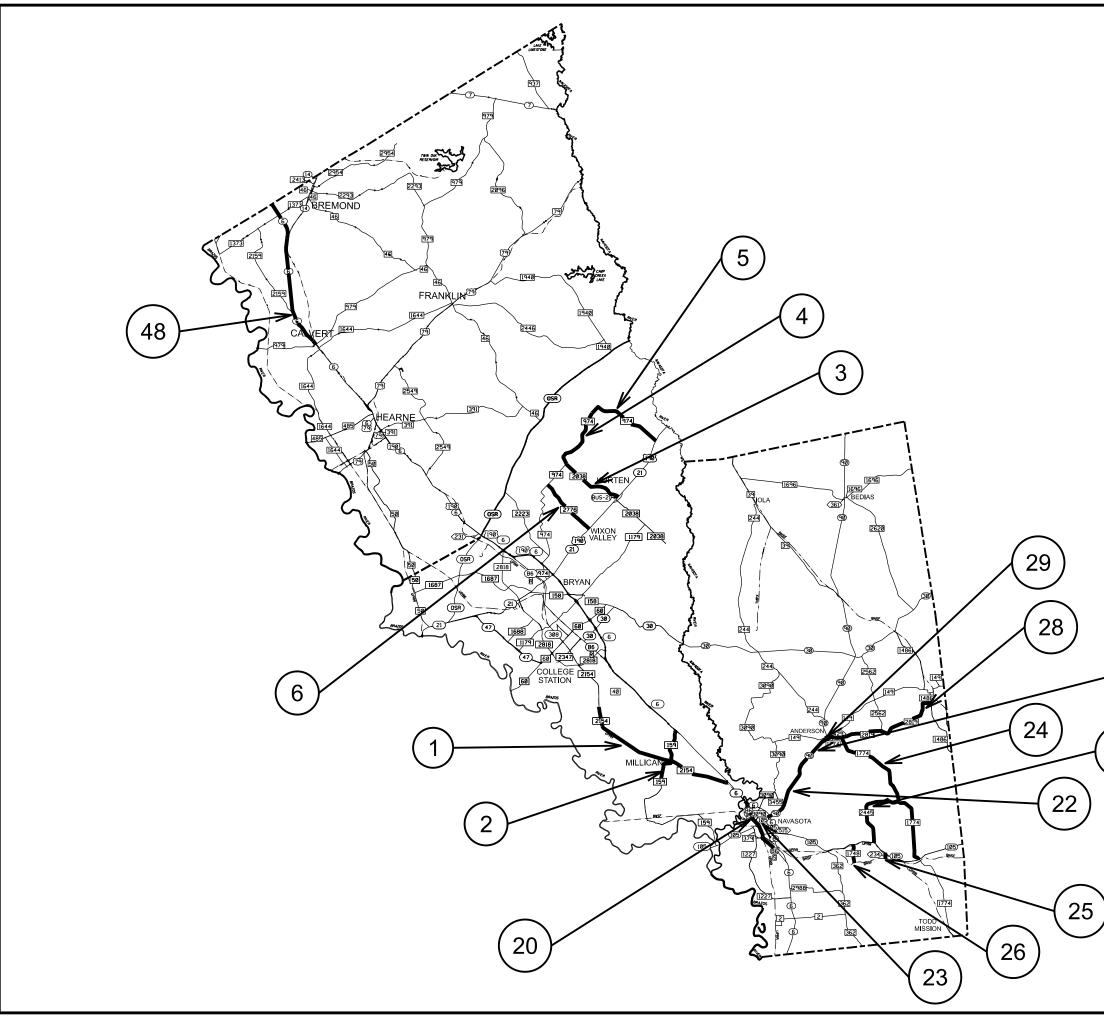
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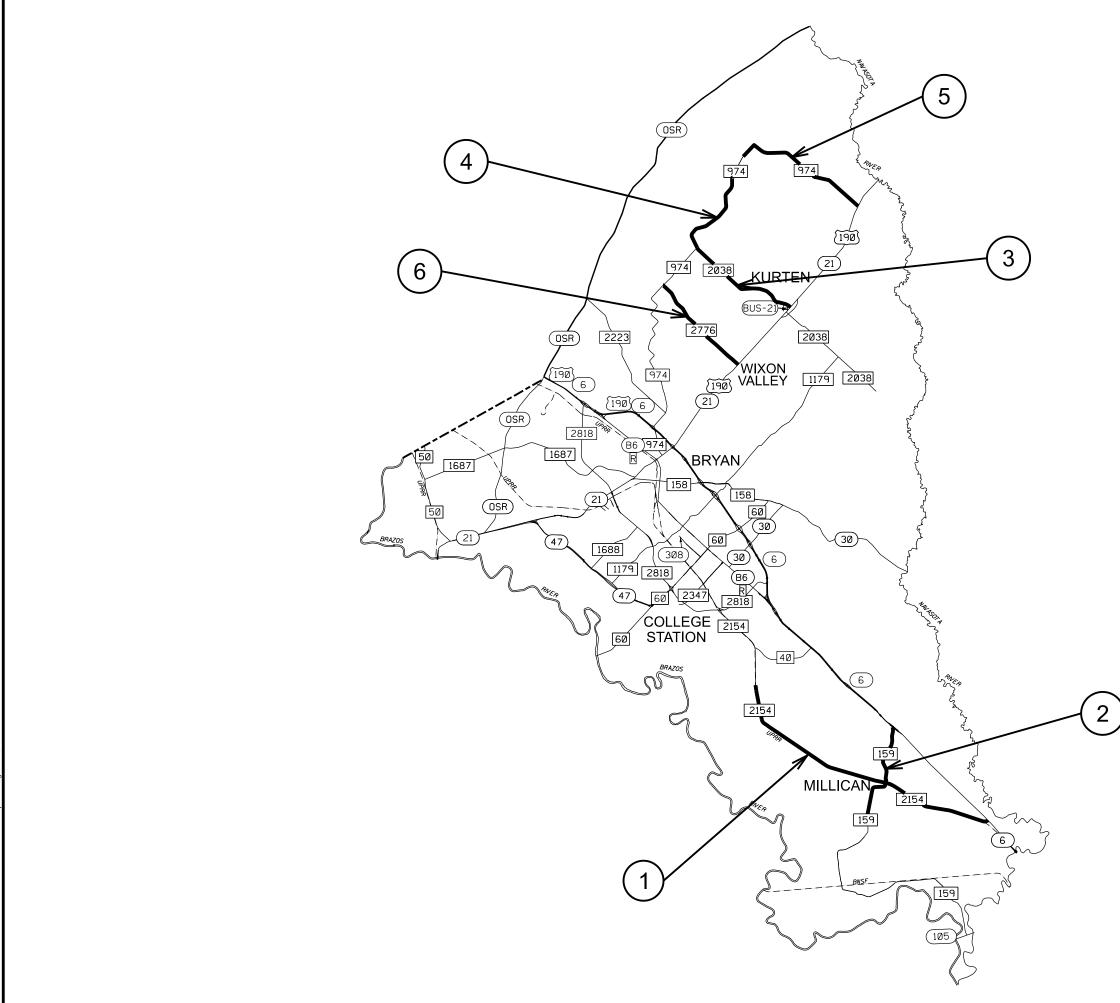


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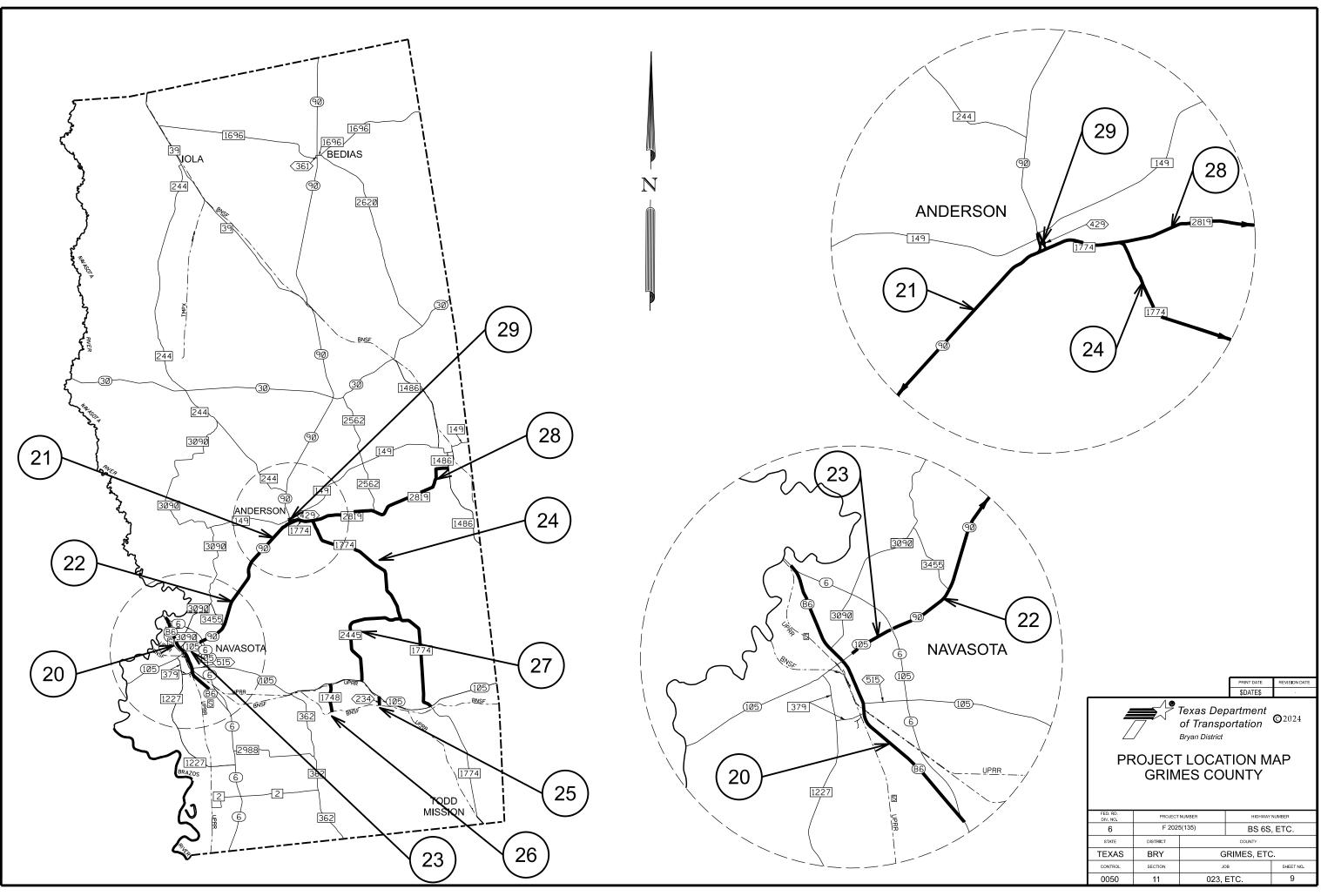




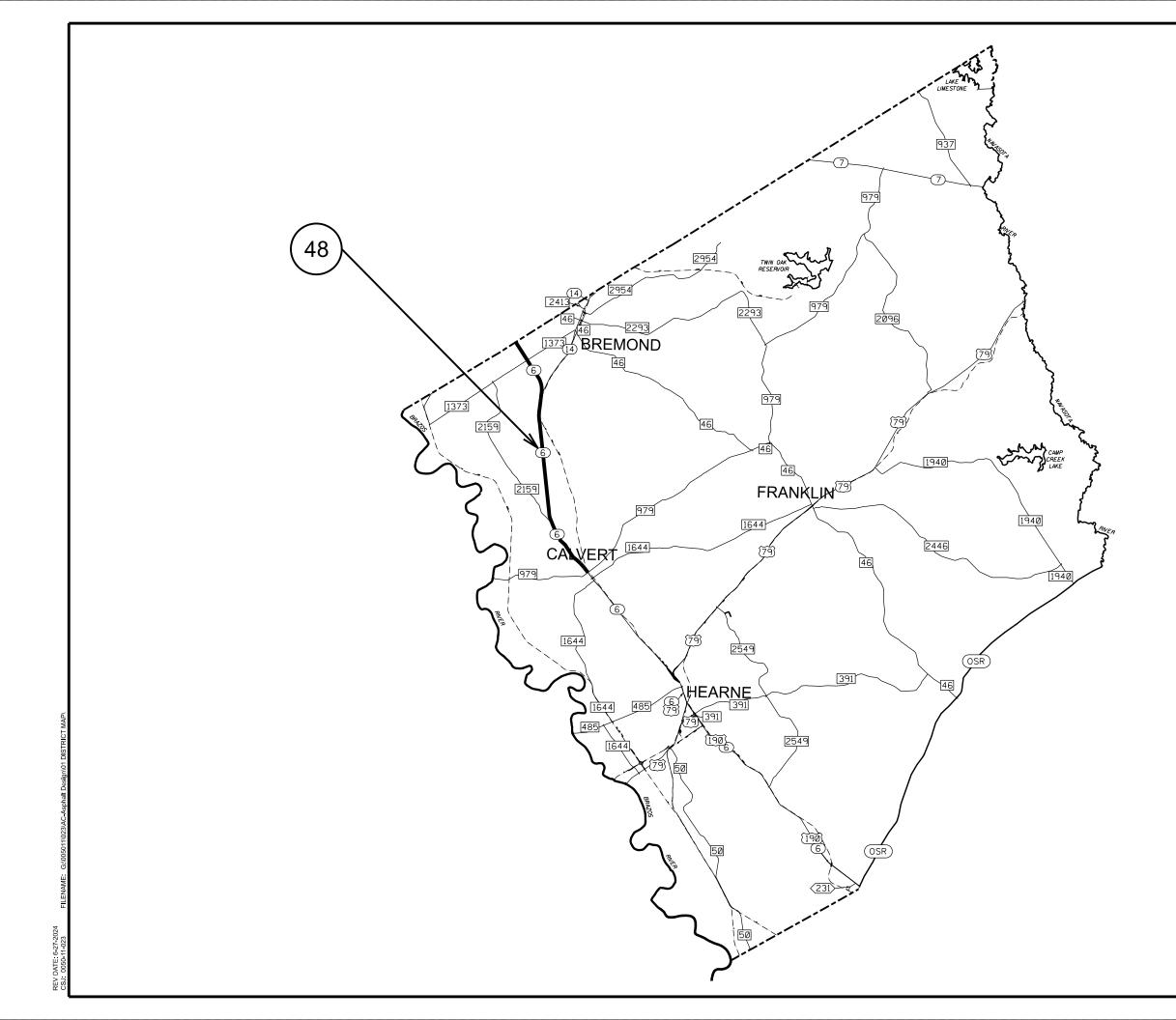
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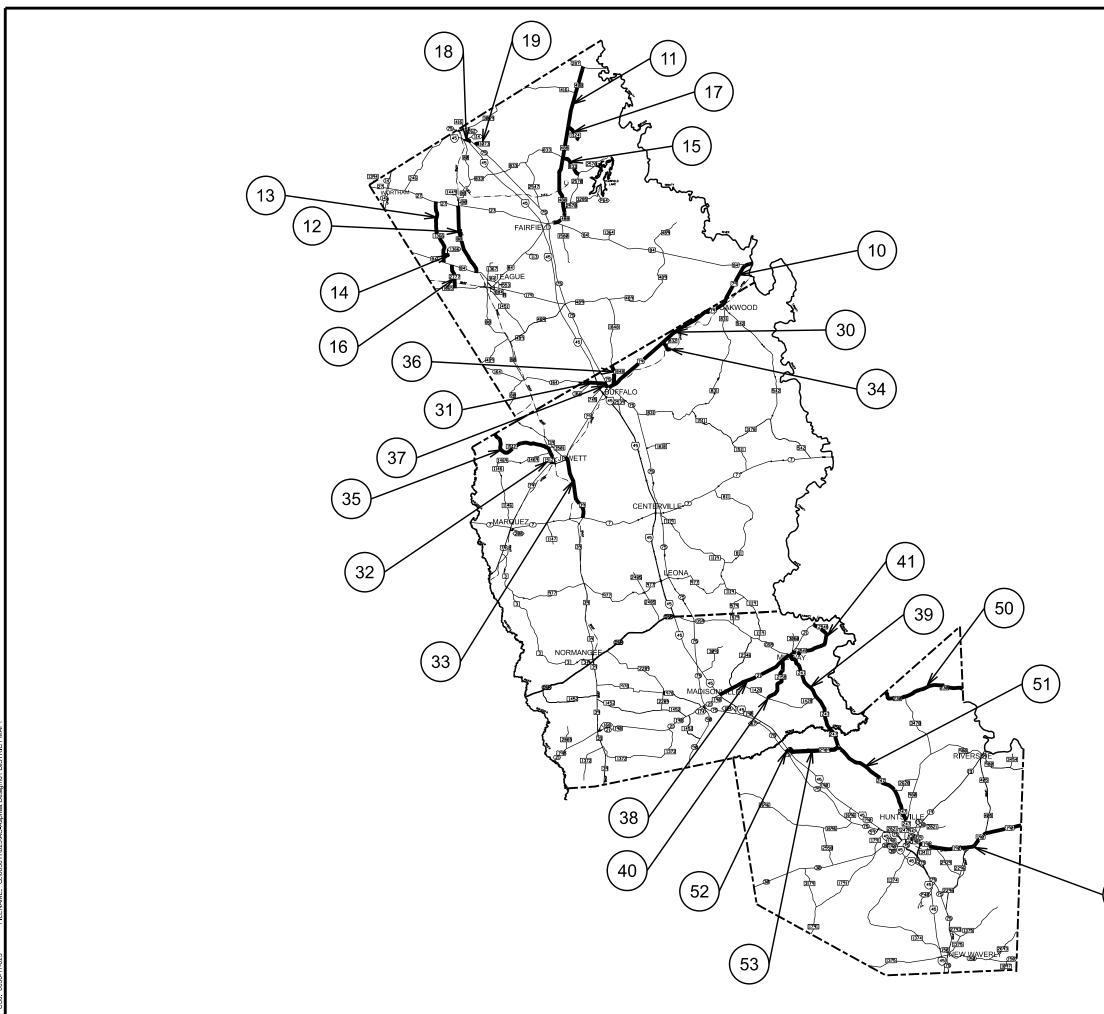
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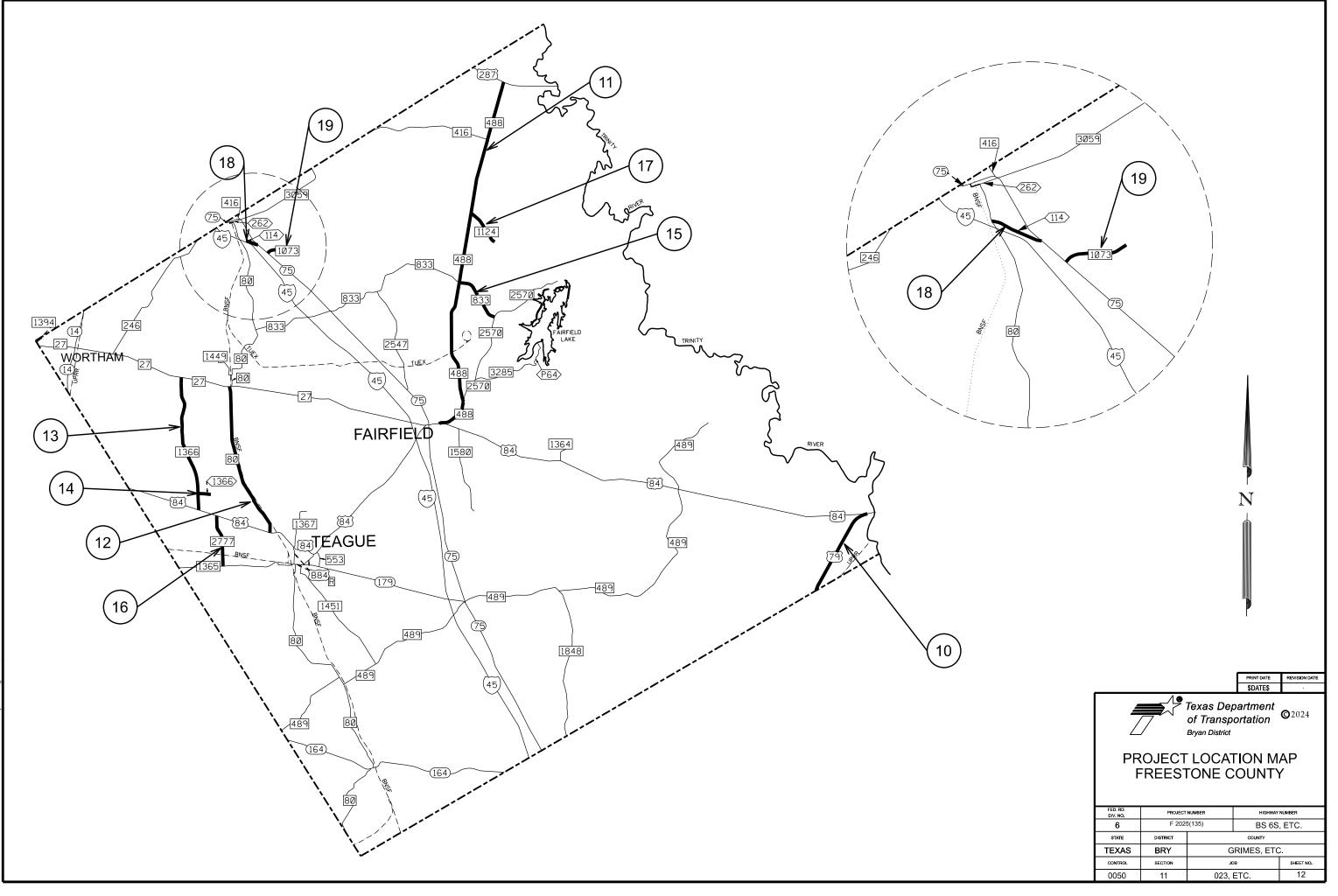
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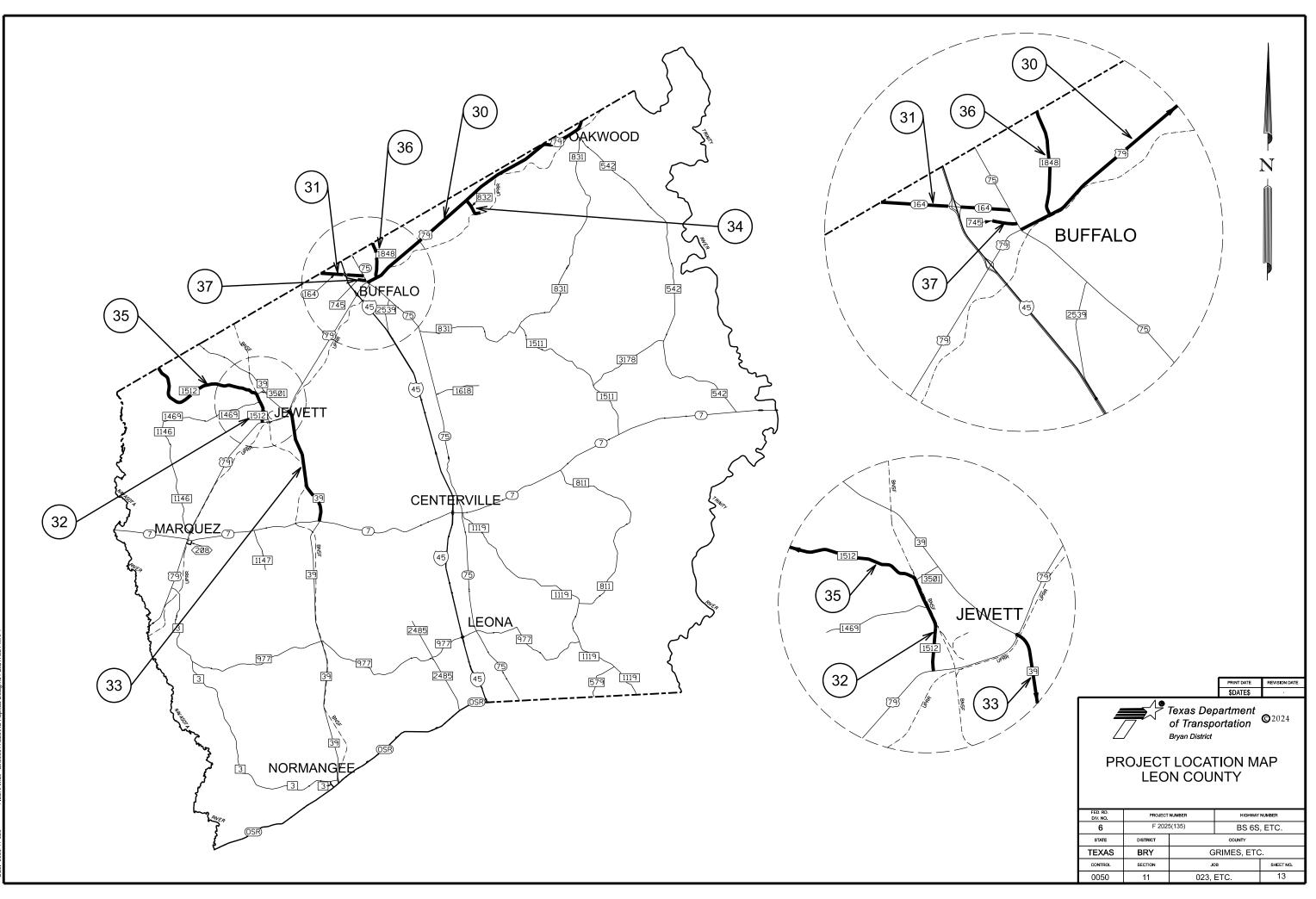
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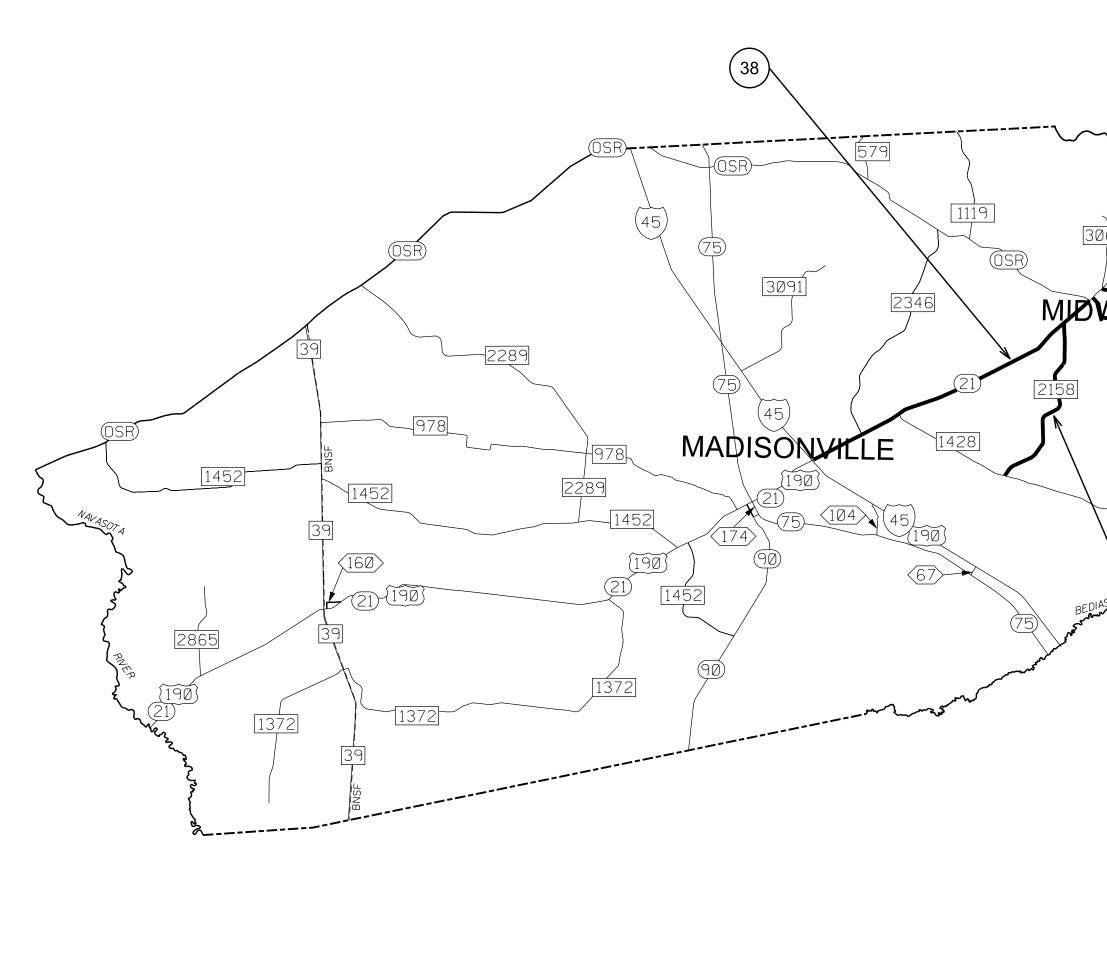
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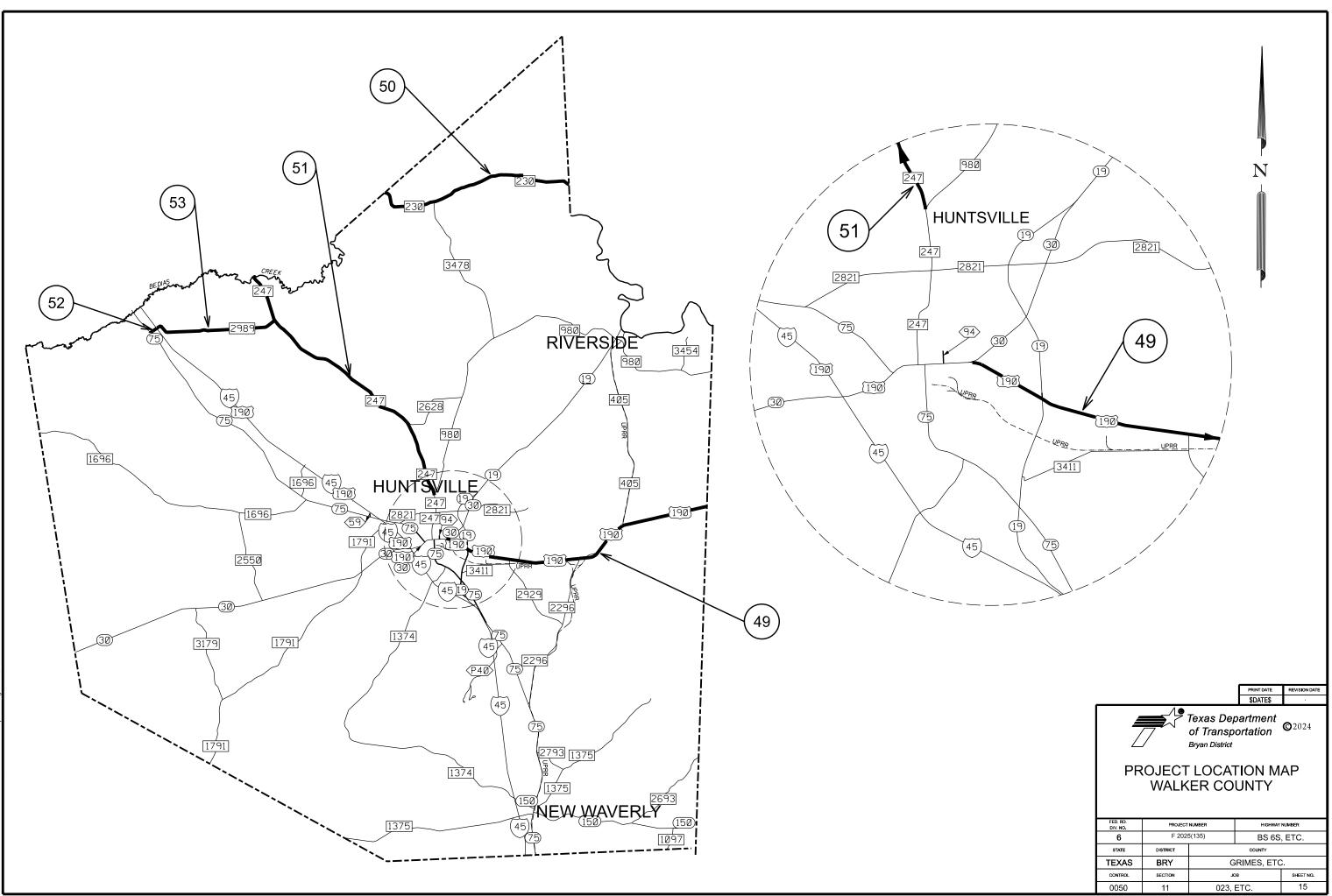


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Sheet: 16 Control: 0050-11-023, Etc.

Highway: BS 6S, Etc. **County:** Grimes, Etc.

**GENERAL:** 

Contractor questions on this project are to be addressed to the following individuals: Chuck Reed, P.E., Charlie.Reed@txdot.gov Jason Marek, Jason.Marek1@txdot.gov

Questions may be submitted via the Letting Pre-Bid Q&A web page. This webpage can be accessed from the Notice to Contractors dashboard located at the following Address: https://tableau.txdot.gov/views/ProjectInformationDashboard/NoticetoContractors

All contractor questions will be reviewed by the Engineer. All questions and any corresponding responses that are generated will be posted through the same Letting Pre-Bid Q&A web page.

The Letting Pre-Bid Q&A web page for each project can be accessed by using the dashboard to navigate to the project you are interested in by scrolling or filtering the dashboard using the controls on the left. Hover over the blue hyperlink for the project you want to view the Q&A for and click on the link in the window that pops up.

## **ITEM 6 "CONTROL OF MATERIALS"**

The Buy America Material Classification Sheet is located at the below link. https://www.txdot.gov/business/resources/materials/buy-america-material-classification-sheet.html for clarification on material categorization.

## **ITEM 7 "LEGAL RELATIONS AND RESPONSIBILITIES"**

State contract mowers will mow the right of way during the growing season. The Contractor will be notified by the Engineer one week in advance of the anticipated time when mowers will be in the limits of the project. Clean the right of way to such a condition that allows the mowing contractors to safely mow.

In accordance with Item 7.2.5, Contractor equipment equipped with blue warning lights shall be wired so that operation of blue lights is independent of any other lights.

This project is on a hurricane evacuation route. Furnish at the pre-construction meeting a written plan outlining procedures to suspend work, secure the job site and safely handle traffic through and across the project in the event of a hurricane evacuation.

During the hurricane season (June 1 through November 30), do not close any travel lanes except when the Contractor can demonstrate that he can provide labor, equipment, material, work plan,

Highway: BS 6S, Etc. **County:** Grimes, Etc.

and quality of work to satisfactorily return all lanes to an open, all-weather travel surface within three days of receiving written or verbal notice but no later than 3 days prior to hurricane landfall. Construction of temporary lanes to an all-weather surface will be paid in accordance with Article 9.7, "Payment for Extra Work and Force Account Method".

In addition to lane closures, cease work 3 days prior to hurricane landfall on or near the roadway that adversely impacts the flow of traffic and reduces the capacity of the highway during an evacuation. Prohibit the Contractor's, sub-contractors' or material suppliers' vehicles from entering or exiting the stream of traffic including material hauling and delivery, and mobilization or demobilization of equipment. When directed, this prohibition will include a reasonable time period for the evacuees to return to their point of origin.

In the event of the declaration of a hurricane watch, warning, other severe weather warning or national or state emergency that requires the roadways in the vicinity be used as evacuation routes, cease all work that requires the Contractor's, sub-contractors' or material suppliers' vehicles to enter the stream of traffic on these primary or secondary evacuation routes. This work includes material hauling and delivery, and mobilization or demobilization of equipment.

The following roadways are recognized evacuation routes in the Bryan District: Primary Evacuation Routes: IH 45, US 290, SH 6, SH 36. Secondary Evacuation Routes: US 79, US 84, SH 7, SH 30, SH 21, SH 105. Other routes may be designated.

No significant traffic generator events identified.

## **ITEM 8 "PROSECUTION AND PROGRESS"**

The latest roadway start work date shall be May 15, 2025.

Before starting work, provide a sequence of work and estimated progress schedule meeting requirements of Section 8.2.B, "Construction Contracts." Provide a separate copy for the District Public Information Officer. The Engineer shall have the authority to direct where the Contractor's operations begin within the Bryan District's ten county area and the order in which subsequent counties will be worked.

Failure to complete work within the seal coat season established by the plans will result in liquidated damages as described in Section 8.5, "Failure to complete Work on Time." This includes any surface treatment work carried over to the next year.

#### Sheet: 16 Control: 0050-11-023, Etc.

# Sheet: 16A Control: 0050-11-023, Etc.

Highway: BS 6S, Etc. **County:** Grimes, Etc.

By noon of each Wednesday, provide the Engineer a written outline of the daily work schedule for the following week. Include in the outline the times and places for proposed traffic control changes, lane and shoulder closures, and moving operations or other operations that affect traffic on the roadway. Unless otherwise authorized by the Engineer, prosecute the work on this project in accordance with the following sequence of work:

- 1. Set advance signing and barricades.
- 2. Remove existing raised movement markers and profile markers. Place temporary work zone markers.
- 3. Place surface treatment on driveways, mailboxes, turnouts, ramps, crossovers, and intersections first.
- 4. Place surface treatment on roadway after the driveways, mailboxes, turnouts, ramps, crossovers, and intersections are completed.
- 5. Place pavement markings and markers.
- 6. Final cleanup.

Some of these operations may be performed simultaneously, as approved by the Engineer.

Prepare Progress Schedule Chart.

2024

Equipment and material may be pre-staged at approved locations.

Prior to the start of work, the contractor will meet with District Environmental staff to review the proper implementation of the proposed conservation measures to be used when working on the roads in the National Forest area.

Within the National Forest no work will occur during the nesting season of the Red-Cockaded Woodpecker (RCW) which occurs between April 1<sup>st</sup> and July 31<sup>st</sup>.

When working outside of the nesting season for RCW, August 1<sup>st</sup> to March 31<sup>st</sup>, work will be restricted to begin one hour after sunrise and cease one hour before sunset.

There will be no stockpile areas or equipment storage within National Forest for the duration of the project.

Trees within the National Forest that would be removed will be flagged by TxDOT environmental staff. Do not remove trees within the National Forest that are not flagged or coordinated with TxDOT environmental staff.

Highway: BS 6S, Etc. **County:** Grimes, Etc.

The open season for application of asphalt is from May 1, 2025 to September 15, 2025. unless otherwise authorized in writing by the Engineer. Per SP 008-002, this project includes a 150 day compulsory delay for asphalt season.

## **ITEM 316 "SEAL COAT"**

Certifications are required for Department and Contractor personnel. The Department will identify any Inspectors and seal coat specialists with seal coat certifications at the preconstruction meeting and any time new personnel with certifications will be used on the project. 4.15.1. Certification Levels. < Level 1 Seal Coat Inspector—Department only < Level 2 Seal Coat Specialist—Department and Contractor A Department Inspector with a Level 1 Seal Coat certification should be on the jobsite or available by phone. Absence of a certified Level 1 Seal Coat Inspector will not cease production. A Contractor superintendent, foreman, or project manager with a Level 2 Seal Coat certification must be on the jobsite or available by phone, unless otherwise approved, any time seal coat work is being performed.

Collect and dispose of asphalt shot papers at the conclusion of each day's work.

For each roadway, all aggregate of the same grade and type, shall be from the same source.

Vehicles used to haul aggregate from the stockpile to the chip spreader will not be overloaded. Any damage to the roadway caused by the vehicles will be repaired by the Contractor at his expense and subsequent loads will be reduced so as not to cause further damage.

Transverse variance rates shall be used on all traffic lanes, unless approved by the engineer. The nozzles outside the wheel paths will output up to 20% more asphalt by volume than the nozzles over the wheel paths. The contractor will need to have the following nozzles/items:

- End nozzles
- Standard nozzles
- 20% reduced nozzles
- to verify the proper nozzles are in the right places on the bar.

Spray bar height of 1' from the ground is recommended.

Spray bar and nozzle verification be completed each morning by an inspector on-site before any product is applied to the roadway.

The AC-20-5TR is to be applied at a temperature of 345 degrees + or - 5 degrees.

# Sheet: 16A Control: 0050-11-023, Etc.

• Use metal zip ties to identify the different nozzles to make it easy on the inspector

General Notes

# Sheet: 16B

Control: 0050-11-023, Etc.

Highway: BS 6S, Etc. **County:** Grimes, Etc.

The Contractor may be required to furnish and set string line to insure straight and uniform alignment as directed by the Engineer. The Contractor may use other methods subject to approval of the Engineer.

Surface treat driveways, mailboxes, turnouts, ramps, crossovers, and intersections before the roadway is surface treated.

Inspectors can remove from service equipment that is not working properly. Once repaired the equipment will need to be verified to be in proper working order by a TxDOT inspector before placed back into service.

Set the startup factor (SUF) on the distributors to 75% or as directed by the inspector.

Remove vegetation and blade at pavement edges.

Contractor will utilize a 2-mile & skip seal application process on high volume or heavy truck trafficked roadways as directed by the TxDOT inspector on-site. This would involve sealing a 2mile stretch in each direction and then skipping 1-mile and starting another 2-mile stretch until we are at the end of the limits. We would than make another pass in each direction to fill in the 1-mile gaps that we skipped.

Air and surface temperature for asphalt material application will be in accordance with the specification and the manufacturer's recommendation. However, the engineer may limit the use of an asphalt material due to the time of year.

## **ITEM 502 "BARRICADES, SIGNS AND TRAFFIC HANDLING"**

One way traffic control operations are required when placing centerline profile markings on all two-lane roadways, unless otherwise approved by the Engineer. Work area is limited to a maximum of 2 miles for this work.

During one-way operations, station flaggers at all county roads and any other locations, such as private businesses, that may have traffic entering the work area.

Removal of ground mounted temporary signs and supports as specified on standard sheet BC(5), shall include the immediate backfilling of support holes with Type B embankment material and the compaction of the backfill material.

The Contractor Force Account "Safety Contingency" that has been established for this project is intended to be utilized for work zone enhancements, to improve the effectiveness of the Traffic

Highway: BS 6S, Etc. **County:** Grimes, Etc.

Control Plan, that could not be foreseen in the project planning and design stage. These enhancements will be mutually agreed upon by the Engineer and the Contractor's Responsible Person based on weekly or more frequent traffic management reviews on the project. The Engineer may choose to use existing bid items if it does not slow the implementation of enhancement.

In lieu of placing channelizing devices on centerline for one-lane, two-way traffic control, the Contractor may provide the Pilot Car Method. Operate the pilot vehicle in coordination with the flagging operations and other controls at the end of the one-lane sections in accordance with appropriate TCP. Mount a G20-4 sign at a conspicuous location on the rear of the vehicle. Traffic delays caused by one-lane, two-way traffic control, will not be allowed to exceed 10 minutes unless approved by the Engineer. Centerline channelizing devices will not be required.

Place channelizers along resurfaced ramps and one lane roadways (i.e. one lane roadways without centerline striping) until striping can be placed.

Railroad flaggers are required at all RR crossings and are to be arranged by the contractor in advance per plan specs.

# ITEM 503 "PORTABLE CHANGEABLE MESSAGE SIGN"

Furnish, install, and operate up to 2 Portable Changeable Message Signs (PCMS) for this project. The signs can be used both on the project and within a ten (10) mile radius of the project. Locations, messages, and durations of use will be specified by the Engineer. The primary uses will be to inform the public of special events, lane and road closures, and changes in traffic control. Signs will be paid for only when used as directed by the Engineer.

# Sheet: 16B Control: 0050-11-023, Etc.

# Sheet: 16C

Control: 0050-11-023, Etc.

Highway: BS 6S, Etc.

#### **County:** Grimes, Etc.

#### **ITEM 505 "TRUCK MOUNTED ATTENUATOR (TMA) AND TRAILER ATTENUATOR (TA)**"

| Table 1: Basis of Estimate for Mobile TMAs |               |           |    |   |  |  |  |  |
|--|---------------|-----------|----|---|--|--|--|--|
|  |               | TMA(Mobil | e) |   |  |  |  |  |
| Phase                                      |               |           |    |   |  |  |  |  |
| Striping                                   | TCP (3-1)-13  | 2         | 0  | 2 |  |  |  |  |
| Striping                                   | TCP (3-2)-13  | 3         | 0  | 3 |  |  |  |  |
| RPM  | TCP (3-3)-14a | 2         | 0  | 2 |  |  |  |  |
| RPM  | TCP (3-3)-14b | 2         | 0  | 2 |  |  |  |  |
| RPM  | TCP (3-3)-14c | 2         | 0  | 2 |  |  |  |  |
| RPM  | TCP (3-3)-14d | 2         | 0  | 2 |  |  |  |  |

Therefore, thirteen (13) total shadow vehicles with TMA will be required for this type of work. The contractor will be responsible for determining if one or more of these operations will be ongoing at the same time to determine the total number of TMAs needed for the project.

The TMA's will be measured and paid for by DAY for each TMA/TA set up and operational on the worksite.

Two hundred and fifty eight (258) TMA days are provided in the project estimate for mobile operations.

#### **ITEM 506 "TEMPORARY EROSION, SEDIMENTATION AND ENVIRONMENTAL CONTROLS**"

It is not anticipated that any erosion control devices will be needed on this project. However, in the event that any devices are needed, payment for the work will be determined in accordance with Article 9.7, "Payment for Extra Work and Force Account Method".

## **ITEM 666 "REFLECTORIZED PAVEMENT MARKINGS"**

Unless authorized by the Engineer, the Contractor will not place the pavement markings on the resurfaced roadway until it has cured for 3 days.

All striping limits must be approved by the Engineer before striping operations may begin.

For bidding purposes, the RR Xing symbol will be measured and paid for as for each lane in place. The transverse markings and lane lines will be measured and paid for by the linear foot. Highway: BS 6S, Etc. **County:** Grimes, Etc.

For those public driveways that have an existing traffic control device that requires vehicles to stop and do not have stop bar in place, install a 24" W SLD stop bar.

## **ITEM 672 "RAISED PAVEMENT MARKERS"**

Use flexible bituminous adhesive for applications on all pavement types.

Unless authorized by the Engineer, the Contractor will not place the raised pavement markers on the resurfaced roadway until it has cured for 3 days.

# ITEM 677 "ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS"

Use the Following method: Mechanical (flailing or hydroblasting are both permitted).

For work on profile markings, only the elimination of the profile bars (raised portion of the profile markings) is required.

# Sheet: 16C Control: 0050-11-023, Etc.



**Estimate & Quantity Sheet** 

DISTRICT Bryan

HIGHWAY BS 65, FM 1073, FM 1124, FM 1155, FM 1366, FM 1512, FM 159, FM 166, FM 1748, FM 1774, FM 1848, FM 1963, FM 2038, FM 2039, FM 2154, FM 2158, FM 230, FM 2445, FM 2447, FM 2447, FM 247, FM 2548, FM 2776, FM 2777, FM 2819, FM 2989, FM 3242, FM 39, FM 486, FM 487, FM 488, FM 577, FM 745, FM 80, FM 832, FM 833, FM 908, FM 912, FM 974, FS 1366, SH 105, SH 164, SH 21, SH 36, SH 90, SL 429, SS 114, SS 234, US 190, US 79

|     | CONTROL SECTION JOB |  | CONTROL SECTION JOB |             | 6-085 | 0050-11    | L-023 | 0116-03     | 3-072 | 0117-      | 05-061 | 0186-0     | 1-026 | 0205-05     | -052  |
|-----|---------------------|--|---------------------|-------------|-------|------------|-------|-------------|-------|------------|--------|------------|-------|-------------|-------|
|     |                     | PROJ   | ECT ID              | A0020       | 9236  | A00186     | 5380  | A00188      | 8897  | A001       | 88960  | A00188967  |       | A00188956   |       |
|     |                     | c  | OUNTY               | Rober       | tson  | Grim       | es    | Burles      | son   | Mad        | lison  | Mila       | am    | Leo         | n     |
|     |                     | ніс  | GHWAY               | SH          | 6     | BS 6       | iS    | SH 2        | 21    | SH         | 21     | SH         | 36    | US 7        | '9    |
| ALT | BID CODE            | DESCRIPTION  | UNIT                | EST.        | FINAL | EST.       | FINAL | EST.        | FINAL | EST.       | FINAL  | EST.       | FINAL | EST.        | FINAL |
|     | 316-7023            | ASPH (AC-20-5TR)   | TON                 | 2,080.470   |       | 293.530    |       | 1,206.580   |       | 652.060    | )      | 358.490    |       | 1,028.080   |       |
|     | 316-7134            | AGGR (TY-PB, GR-3)(SAC-A)  | CY                  |             |       |            |       |             |       |            |        |            |       |             |       |
|     | 316-7208            | AGGR (TY-PB, GR-3)(SAC-B)  | CY                  |             |       |            |       |             |       |            |        |            |       |             |       |
|     | 316-7241            | AGGR (TY-PB OR PL, GR-4)(SAC-A)  | CY                  |             |       |            |       | 4,329.000   |       |            |        |            |       |             |       |
|     | 316-7245            | AGGR (TY-PB OR PL, GR-4)(SAC-B)  | CY                  | 7,464.000   |       | 1,053.000  |       |             |       | 2,339.000  | )      | 1,286.000  |       | 3,688.000   |       |
|     | 500-7001            | MOBILIZATION   | LS                  |             |       | 1.000      |       |             |       |            |        |            |       |             |       |
|     | 502-7001            | BARRICADES, SIGNS AND TRAFFIC HANDLING                                       | МО                  |             |       | 5.000      |       |             |       |            |        |            |       |             |       |
| 1   | 662-7112            | WK ZN PAV MRK SHT TERM (TAB)TY W   | EA                  | 4,279.000   |       | 18.000     |       | 3,750.000   |       |            |        | 23.000     |       | 528.000     |       |
|     | 662-7114            | WK ZN PAV MRK SHT TERM (TAB)TY Y-2   | EA                  | 1,666.000   |       | 697.000    |       | 1,928.000   |       | 53.000     | )      | 788.000    |       | 2,449.000   |       |
|     | 666-7018            | REFL PAV MRK TY I (W)8"(DOT)(100MIL)   | LF                  |             |       |            |       |             |       |            |        | 230.000    |       | 1,016.000   |       |
|     | 666-7024            | REFL PAV MRK TY I (W)8"(SLD)(100MIL)   | LF                  |             |       |            |       |             |       |            |        | 919.000    |       | 4,066.000   |       |
|     | 666-7036            | REFL PAV MRK TY I (W)24"(SLD)(100MIL)  | LF                  | 257.000     |       | 732.000    |       | 144.000     |       |            |        |            |       | 96.000      |       |
|     | 666-7172            | RE PM TY II (W) 6" (BRK)   | LF                  | 14,707.000  |       |            |       | 34,043.000  |       | 3,794.000  | )      |            |       | 4,260.000   |       |
|     | 666-7175            | RE PM TY II (W) 6" (SLD)   | LF                  | 133,267.000 |       | 39,251.000 |       | 113,435.000 |       | 92,452.000 | )      | 60,846.000 |       | 172,117.000 |       |
|     | 666-7211            | RE PM TY II (Y) 6" (BRK)   | LF                  |             |       | 4,262.000  |       | 4,971.000   |       | 4,462.000  | )      | 6,069.000  |       | 9,449.000   |       |
|     | 666-7213            | RE PM TY II (Y) 6" (SLD)   | LF                  | 137,217.000 |       | 30,312.000 |       | 141,398.000 |       | 74,353.000 | )      | 31,400.000 |       | 156,314.000 |       |
|     | 668-7001            | PRFB RUMBLE STRIP (BLK)(4')(TRANSVERSE)                                      | LF                  |             |       |            |       |             |       | 560.000    | )      |            |       |             |       |
|     | 668-7091            | PREFAB PM TY C (W)(ARROW)  | EA                  | 63.000      |       | 4.000      |       | 100.000     |       | 2.000      | )      | 2.000      |       | 8.000       |       |
|     | 668-7093            | PREFAB PM TY C (W)(DBL ARROW)  | EA                  |             |       | 4.000      |       |             |       |            |        |            |       |             |       |
|     | 668-7103            | PREFAB PM TY C (W)(WORD)   | EA                  |             |       | 4.000      |       | 75.000      |       | 2.000      | )      | 2.000      |       | 2.000       |       |
|     | 668-7108            | PREFAB PM TY C (W)(RR XING)  | EA                  |             |       | 2.000      |       |             |       |            |        |            |       |             |       |
|     | 668-7111            | PREFAB PM TY C (W)(36")(YLD TRI)   | EA                  | 409.000     |       |            |       | 272.000     |       |            |        |            |       |             |       |
|     | 672-7002            | REFL PAV MRKR TY I-C   | EA                  | 6,351.000   |       | 34.000     |       | 37,542.000  |       | 336.000    | )      | 19.000     |       | 297.000     |       |
|     | 672-7004            | REFL PAV MRKR TY II-A-A  | EA                  | 1,667.000   |       | 582.000    |       | 1,702.000   |       | 1,067.000  | )      | 665.000    |       | 2,039.000   |       |
|     | 672-7006            | REFL PAV MRKR TY II-C-R  | EA                  | 409.000     |       |            |       | 272.000     |       |            |        |            |       |             |       |
|     | 677-7001            | ELIM EXT PM & MRKS (4")  | LF                  |             |       |            |       |             |       |            |        | 37,469.000 |       |             |       |
|     | 9606-7001           | LAW ENFORCEMENT PERSONNEL  | DOL                 |             |       | 25,000.000 |       |             |       |            |        |            |       |             |       |
|     | 08                  | EROSION CONTROL MAINTENANCE:<br>CONTRACTOR FORCE ACCOUNT WORK (NON-<br>PART) | LS                  |             |       | 1.000      |       |             |       |            |        |            |       |             |       |
|     |                     | SAFETY CONTINGENCY: CONTRACTOR FORCE<br>ACCOUNT WORK (NON-PART)              | LS                  |             |       | 1.000      |       |             |       |            |        |            |       |             |       |



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| Bryan    | Grimes | 0050-11-023 | 17    |



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DISTRICT Bryan

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|     |           | CONTROL SECTION  | ON JOB | 0205-06    | 5-034     | 0209-08    | -010  | 0213-03     | 1-049 | 0315-0     | 3-068 | 0315-0     | 4-085 | 0315-04   | -086  |
|-----|-----------|--|--------|------------|-----------|------------|-------|-------------|-------|------------|-------|------------|-------|-----------|-------|
|     |           | PROJ   | ECT ID | A00188     | 3909      | A00188     | 858   | A0018       | 8881  | A0018      | 8916  | A0018      | 8943  | A00189    | 114   |
|     |           | C  | ουντγ  | Freest     | one       | Milar      | n     | Walk        | ker   | Grim       | nes   | Grim       | nes   | Grime     | es    |
|     |           | ніс  | GHWAY  | US 7       | <b>'9</b> | FM 19      | 63    | US 1        | 90    | SH         | 90    | SH         | 90    | SH 10     | )5    |
| ALT | BID CODE  | DESCRIPTION  | UNIT   | EST.       | FINAL     | EST.       | FINAL | EST.        | FINAL | EST.       | FINAL | EST.       | FINAL | EST.      | FINAL |
|     | 316-7023  | ASPH (AC-20-5TR)   | TON    | 460.350    |           | 48.310     |       | 911.550     |       | 212.980    |       | 310.180    |       | 49.110    |       |
|     | 316-7134  | AGGR (TY-PB, GR-3)(SAC-A)  | CY     |            |           |            |       |             |       |            |       |            |       |           |       |
|     | 316-7208  | AGGR (TY-PB, GR-3)(SAC-B)  | CY     |            |           | 196.000    |       |             |       |            |       |            |       |           |       |
|     | 316-7241  | AGGR (TY-PB OR PL, GR-4)(SAC-A)  | CY     | 1,652.000  |           |            |       |             |       |            |       | 1,113.000  |       | 176.000   |       |
|     | 316-7245  | AGGR (TY-PB OR PL, GR-4)(SAC-B)  | CY     |            |           |            |       | 3,270.000   |       | 764.000    |       |            |       |           |       |
|     | 500-7001  | MOBILIZATION   | LS     |            |           |            |       |             |       |            |       |            |       |           |       |
|     | 502-7001  | BARRICADES, SIGNS AND TRAFFIC HANDLING                                       | МО     |            |           |            |       |             |       |            |       |            |       |           |       |
|     | 662-7112  | WK ZN PAV MRK SHT TERM (TAB)TY W   | EA     | 302.000    |           |            |       | 431.000     |       |            |       | 42.000     |       |           |       |
|     | 662-7114  | WK ZN PAV MRK SHT TERM (TAB)TY Y-2   | EA     | 674.000    |           | 145.000    |       | 1,824.000   |       | 334.000    |       | 704.000    |       | 222.000   |       |
|     | 666-7018  | REFL PAV MRK TY I (W)8"(DOT)(100MIL)   | LF     |            |           |            |       | 79.000      |       |            |       |            |       |           |       |
|     | 666-7024  | REFL PAV MRK TY I (W)8"(SLD)(100MIL)   | LF     |            |           |            |       | 576.000     |       |            |       |            |       |           |       |
|     | 666-7036  | REFL PAV MRK TY I (W)24"(SLD)(100MIL)  | LF     | 48.000     |           |            |       | 549.000     |       | 10.000     |       | 35.000     |       | 364.000   |       |
|     | 666-7172  | RE PM TY II (W) 6" (BRK)   | LF     | 2,772.000  |           |            |       | 3,062.000   |       |            |       |            |       |           |       |
|     | 666-7175  | RE PM TY II (W) 6" (SLD)   | LF     | 50,043.000 |           | 11,552.000 |       | 122,727.000 |       | 26,674.000 |       | 52,842.000 |       |           |       |
|     | 666-7211  | RE PM TY II (Y) 6" (BRK)   | LF     | 2,934.000  |           | 216.000    |       | 10,739.000  |       | 2,707.000  |       | 4,342.000  |       | 2,212.000 |       |
|     | 666-7213  | RE PM TY II (Y) 6" (SLD)   | LF     | 38,122.000 |           | 10,687.000 |       | 105,077.000 |       | 11,959.000 |       | 40,186.000 |       | 8,849.000 |       |
|     | 668-7001  | PRFB RUMBLE STRIP (BLK)(4')(TRANSVERSE)                                      | LF     |            |           |            |       |             |       |            |       |            |       |           |       |
|     | 668-7091  | PREFAB PM TY C (W)(ARROW)  | EA     | 3.000      |           |            |       | 33.000      |       |            |       | 9.000      |       |           |       |
|     | 668-7093  | PREFAB PM TY C (W)(DBL ARROW)  | EA     |            |           |            |       |             |       |            |       |            |       |           |       |
|     | 668-7103  | PREFAB PM TY C (W)(WORD)   | EA     | 2.000      |           |            |       | 22.000      |       |            |       |            |       |           |       |
|     | 668-7108  | PREFAB PM TY C (W)(RR XING)  | EA     |            |           |            |       |             |       |            |       |            |       |           |       |
|     | 668-7111  | PREFAB PM TY C (W)(36")(YLD TRI)   | EA     |            |           |            |       |             |       |            |       |            |       |           |       |
|     | 672-7002  | REFL PAV MRKR TY I-C   | EA     | 187.000    |           |            |       | 393.000     |       |            |       | 83.000     |       |           |       |
|     | 672-7004  | REFL PAV MRKR TY II-A-A  | EA     | 549.000    |           | 144.000    |       | 1,639.000   |       | 287.000    |       | 597.000    |       | 111.000   |       |
|     | 672-7006  | REFL PAV MRKR TY II-C-R  | EA     |            |           |            |       |             |       |            |       |            |       |           |       |
|     | 677-7001  | ELIM EXT PM & MRKS (4")  | LF     |            |           |            |       |             |       |            |       |            |       |           |       |
|     | 9606-7001 | LAW ENFORCEMENT PERSONNEL  | DOL    |            |           |            |       |             |       |            |       |            |       |           |       |
|     | 08        | EROSION CONTROL MAINTENANCE:<br>CONTRACTOR FORCE ACCOUNT WORK (NON-<br>PART) | LS     |            |           |            |       |             |       |            |       |            |       |           |       |
|     |           | SAFETY CONTINGENCY: CONTRACTOR FORCE<br>ACCOUNT WORK (NON-PART)              | LS     |            |           |            |       |             |       |            |       |            |       |           |       |



| DISTRICT | COUNTY | CCSJ        | SHEET |
|----------|--------|-------------|-------|
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**Estimate & Quantity Sheet** 

DISTRICT Bryan

HIGHWAY BS 65, FM 1073, FM 1124, FM 1155, FM 1366, FM 1512, FM 159, FM 166, FM 1748, FM 1774, FM 1848, FM 1963, FM 2038, FM 2039, FM 2154, FM 2158, FM 230, FM 2445, FM 2447, FM 2447, FM 247, FM 2548, FM 2776, FM 2777, FM 2819, FM 2989, FM 3242, FM 39, FM 486, FM 487, FM 488, FM 577, FM 745, FM 80, FM 832, FM 833, FM 908, FM 912, FM 974, FS 1366, SH 105, SH 164, SH 21, SH 36, SH 90, SL 429, SS 114, SS 234, US 190, US 79

|    |           | CONTROL SECTION  | ON JOB | 0315-1     | 2-018 | 0337-05     | -051  | 0413-06   | 6-012 | 0459-0      | 1-081 | 0475-0      | 7-016 | 0540-04     | -093  |
|----|-----------|--|--------|------------|-------|-------------|-------|-----------|-------|-------------|-------|-------------|-------|-------------|-------|
|    |           | PROJ   | ECT ID | A0018      | 9003  | A00188      | 961   | A00188    | 8955  | A0018       | 8904  | A0018       | 8987  | A00189      | 037   |
|    |           | C  | OUNTY  | Washii     | ngton | Milar       | n     | Leo       | n     | Frees       | tone  | Wall        | ker   | Brazo       | DS    |
|    |           | ніс  | GHWAY  | FM 9       | -     | FM 48       | 36    | SH 1      | 64    | FM 4        | 88    | FM 2        | 230   | FM 21       | .54   |
| LT | BID CODE  | DESCRIPTION  | UNIT   | EST.       | FINAL | EST.        | FINAL | EST.      | FINAL | EST.        | FINAL | EST.        | FINAL | EST.        | FINAL |
|    | 316-7023  | ASPH (AC-20-5TR)   | TON    | 111.440    |       | 268.750     |       | 94.750    |       | 373.100     |       | 386.910     |       | 463.240     |       |
| -  | 316-7134  | AGGR (TY-PB, GR-3)(SAC-A)  | CY     |            |       |             |       |           |       |             |       |             |       |             |       |
|    | 316-7208  | AGGR (TY-PB, GR-3)(SAC-B)  | CY     |            |       |             |       |           |       |             |       |             |       |             |       |
|    | 316-7241  | AGGR (TY-PB OR PL, GR-4)(SAC-A)  | CY     |            |       | 964.000     |       | 340.000   |       | 1,339.000   |       | 1,388.000   |       | 1,662.000   |       |
|    | 316-7245  | AGGR (TY-PB OR PL, GR-4)(SAC-B)  | CY     | 400.000    |       |             |       |           |       |             |       |             |       |             |       |
| Ī  | 500-7001  | MOBILIZATION   | LS     |            |       |             |       |           |       |             |       |             |       |             |       |
|    | 502-7001  | BARRICADES, SIGNS AND TRAFFIC HANDLING                                       | МО     |            |       |             |       |           |       |             |       |             |       |             |       |
|    | 662-7112  | WK ZN PAV MRK SHT TERM (TAB)TY W   | EA     |            |       |             |       |           |       |             |       | 23.000      |       | 26.000      |       |
|    | 662-7114  | WK ZN PAV MRK SHT TERM (TAB)TY Y-2   | EA     | 388.000    |       | 1,071.000   |       | 150.000   |       | 2,393.000   |       | 1,232.000   |       | 1,521.000   |       |
|    | 666-7018  | REFL PAV MRK TY I (W)8"(DOT)(100MIL)   | LF     |            |       |             |       |           |       |             |       |             |       |             |       |
|    | 666-7024  | REFL PAV MRK TY I (W)8"(SLD)(100MIL)   | LF     |            |       |             |       |           |       |             |       |             |       |             |       |
|    | 666-7036  | REFL PAV MRK TY I (W)24"(SLD)(100MIL)  | LF     | 30.000     |       |             |       | 12.000    |       | 12.000      |       | 86.000      |       |             |       |
|    | 666-7172  | RE PM TY II (W) 6" (BRK)   | LF     |            |       |             |       |           |       |             |       |             |       |             |       |
|    | 666-7175  | RE PM TY II (W) 6" (SLD)   | LF     | 30,993.000 |       | 85,609.000  |       | 9,282.000 |       | 191,389.000 |       | 98,482.000  |       | 121,651.000 |       |
|    | 666-7211  | RE PM TY II (Y) 6" (BRK)   | LF     | 2,852.000  |       | 7,652.000   |       | 1,333.000 |       | 19,772.000  |       | 5,773.000   |       | 13,937.000  |       |
|    | 666-7213  | RE PM TY II (Y) 6" (SLD)   | LF     | 16,838.000 |       | 44,062.000  |       | 7,524.000 |       | 74,506.000  |       | 75,113.000  |       | 35,307.000  |       |
|    | 668-7001  | PRFB RUMBLE STRIP (BLK)(4')(TRANSVERSE)                                      | LF     | 80.000     |       |             |       |           |       |             |       |             |       |             |       |
|    | 668-7091  | PREFAB PM TY C (W)(ARROW)  | EA     |            |       |             |       | 8.000     |       |             |       | 2.000       |       | 4.000       |       |
|    | 668-7093  | PREFAB PM TY C (W)(DBL ARROW)  | EA     |            |       |             |       |           |       |             |       |             |       |             |       |
|    | 668-7103  | PREFAB PM TY C (W)(WORD)   | EA     |            |       |             |       |           |       |             |       |             |       | 1.000       |       |
|    | 668-7108  | PREFAB PM TY C (W)(RR XING)  | EA     |            |       |             |       |           |       |             |       |             |       |             |       |
|    | 668-7111  | PREFAB PM TY C (W)(36")(YLD TRI)   | EA     |            |       |             |       |           |       |             |       |             |       |             |       |
|    | 672-7002  | REFL PAV MRKR TY I-C   | EA     |            |       |             |       |           |       |             |       | 45.000      |       | 51.000      |       |
|    | 672-7004  | REFL PAV MRKR TY II-A-A  | EA     | 355.000    |       | 144.000     |       | 112.000   |       | 1,918.000   |       | 1,191.000   |       | 1,147.000   |       |
|    | 672-7006  | REFL PAV MRKR TY II-C-R  | EA     |            |       |             |       |           |       |             |       |             |       |             |       |
| Ī  | 677-7001  | ELIM EXT PM & MRKS (4")  | LF     | 50,683.000 |       | 137,323.000 |       | 9,070.000 |       | 142,834.000 |       | 179,368.000 |       | 121,651.000 |       |
|    | 9606-7001 | LAW ENFORCEMENT PERSONNEL  | DOL    |            |       |             |       |           |       |             |       |             |       |             |       |
|    | 08        | EROSION CONTROL MAINTENANCE:<br>CONTRACTOR FORCE ACCOUNT WORK (NON-<br>PART) | LS     |            |       |             |       |           |       |             |       |             |       |             |       |
|    |           | SAFETY CONTINGENCY: CONTRACTOR FORCE<br>ACCOUNT WORK (NON-PART)              | LS     |            |       |             |       |           |       |             |       |             |       |             |       |



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| Bryan    | Grimes | 0050-11-023 | 17B   |



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DISTRICT Bryan

HIGHWAY BS 65, FM 1073, FM 1124, FM 1155, FM 1366, FM 1512, FM 159, FM 166, FM 1748, FM 1774, FM 1848, FM 1963, FM 2038, FM 2039, FM 2154, FM 2158, FM 230, FM 2445, FM 2447, FM 2447, FM 247, FM 2548, FM 2776, FM 2777, FM 2819, FM 2989, FM 3242, FM 39, FM 486, FM 487, FM 488, FM 577, FM 745, FM 80, FM 832, FM 833, FM 908, FM 912, FM 974, FS 1366, SH 105, SH 164, SH 21, SH 36, SH 90, SL 429, SS 114, SS 234, US 190, US 79

|     |           | CONTROL SECTION  | ON JOB | 0540-0      | 5-055 | 0578-01     | L-033 | 0578-02     | 2-049 | 0612-0     | 02-010 | 0612-0      | )3-015 | 0643-01    | L-069 |
|-----|-----------|--|--------|-------------|-------|-------------|-------|-------------|-------|------------|--------|-------------|--------|------------|-------|
|     |           | PROJ   | ECT ID | A0018       | 8891  | A0018       | 8957  | A0018       | 8988  | A001       | 88951  | A0018       | 38903  | A00188     | 3793  |
|     |           | C  | OUNTY  | Braz        | :0S   | Madis       | son   | Walk        | ker   | Le         | on     | Frees       | stone  | Leo        | n     |
|     |           | ніс  | GHWAY  | FM 1        | .59   | FM 2        | 47    | FM 2        | 47    | FM :       | 1512   | FM          | 80     | FM 3       | 39    |
| ALT | BID CODE  | DESCRIPTION  | UNIT   | EST.        | FINAL | EST.        | FINAL | EST.        | FINAL | EST.       | FINAL  | EST.        | FINAL  | EST.       | FINAL |
|     | 316-7023  | ASPH (AC-20-5TR)   | TON    | 212.590     |       | 364.920     |       | 504.920     |       | 41.670     | )      | 260.480     |        | 292.840    |       |
|     | 316-7134  | AGGR (TY-PB, GR-3)(SAC-A)  | CY     |             |       |             |       |             |       | 169.000    | )      |             |        |            |       |
|     | 316-7208  | AGGR (TY-PB, GR-3)(SAC-B)  | CY     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 316-7241  | AGGR (TY-PB OR PL, GR-4)(SAC-A)  | CY     | 763.000     |       |             |       | 1,811.000   |       |            |        |             |        |            |       |
|     | 316-7245  | AGGR (TY-PB OR PL, GR-4)(SAC-B)  | CY     |             |       | 1,309.000   |       |             |       |            |        | 935.000     |        | 1,051.000  |       |
|     | 500-7001  | MOBILIZATION   | LS     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 502-7001  | BARRICADES, SIGNS AND TRAFFIC HANDLING                                       | МО     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 662-7112  | WK ZN PAV MRK SHT TERM (TAB)TY W   | EA     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 662-7114  | WK ZN PAV MRK SHT TERM (TAB)TY Y-2   | EA     | 687.000     |       | 1,241.000   |       | 1,807.000   |       | 158.000    | )      | 1,026.000   |        | 917.000    |       |
|     | 666-7018  | REFL PAV MRK TY I (W)8"(DOT)(100MIL)   | LF     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 666-7024  | REFL PAV MRK TY I (W)8"(SLD)(100MIL)   | LF     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 666-7036  | REFL PAV MRK TY I (W)24"(SLD)(100MIL)  | LF     |             |       |             |       | 231.000     |       |            |        | 12.000      |        | 40.000     |       |
|     | 666-7172  | RE PM TY II (W) 6" (BRK)   | LF     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 666-7175  | RE PM TY II (W) 6" (SLD)   | LF     | 54,914.000  |       | 99,274.000  |       | 144,503.000 |       | 12,576.000 | )      | 82,030.000  |        | 73,339.000 |       |
|     | 666-7211  | RE PM TY II (Y) 6" (BRK)   | LF     | 2,649.000   |       | 5,666.000   |       | 10,567.000  |       | 904.000    | )      | 9,390.000   |        | 7,690.000  |       |
|     | 666-7213  | RE PM TY II (Y) 6" (SLD)   | LF     | 43,579.000  |       | 69,712.000  |       | 95,146.000  |       | 6,500.000  | )      | 27,736.000  |        | 23,269.000 |       |
|     | 668-7001  | PRFB RUMBLE STRIP (BLK)(4')(TRANSVERSE)                                      | LF     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 668-7091  | PREFAB PM TY C (W)(ARROW)  | EA     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 668-7093  | PREFAB PM TY C (W)(DBL ARROW)  | EA     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 668-7103  | PREFAB PM TY C (W)(WORD)   | EA     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 668-7108  | PREFAB PM TY C (W)(RR XING)  | EA     | 1.000       |       |             |       |             |       |            |        |             |        |            |       |
|     | 668-7111  | PREFAB PM TY C (W)(36")(YLD TRI)   | EA     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 672-7002  | REFL PAV MRKR TY I-C   | EA     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 672-7004  | REFL PAV MRKR TY II-A-A  | EA     | 697.000     |       | 1,163.000   |       | 1,701.000   |       | 127.000    | )      | 816.000     |        | 675.000    |       |
|     | 672-7006  | REFL PAV MRKR TY II-C-R  | EA     |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 677-7001  | ELIM EXT PM & MRKS (4")  | LF     | 101,142.000 |       | 174,652.000 |       | 250,216.000 |       | 19,980.000 | )      | 119,156.000 |        |            |       |
|     | 9606-7001 | LAW ENFORCEMENT PERSONNEL  | DOL    |             |       |             |       |             |       |            |        |             |        |            |       |
|     | 08        | EROSION CONTROL MAINTENANCE:<br>CONTRACTOR FORCE ACCOUNT WORK (NON-<br>PART) | LS     |             |       |             |       |             |       |            |        |             |        |            |       |
|     |           | SAFETY CONTINGENCY: CONTRACTOR FORCE<br>ACCOUNT WORK (NON-PART)              | LS     |             |       |             |       |             |       |            |        |             |        |            |       |



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| Bryan    | Grimes | 0050-11-023 | 17C   |



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|     |           | CONTROL SECTIO   | ON JOB | 0833-1     | 3-018 | 0858-01     | -039  | 0858-02    | 2-025 | 0955-0      | 1-033 | 1144-0     | 1-008 | 1299-01    | -041  |
|-----|-----------|--|--------|------------|-------|-------------|-------|------------|-------|-------------|-------|------------|-------|------------|-------|
|     |           | PROJ   | ECT ID | A0018      | 9046  | A00188      | 962   | A0018      | 8964  | A0018       | 9044  | A0018      | 8948  | A00188     | 885   |
|     |           | C  | ουντγ  | Burle      | son   | Milaı       | n     | Mila       | m     | Burle       | son   | Leo        | on    | Washing    | yton  |
|     |           | HIG  | HWAY   | FM 20      | )39   | FM 48       | 37    | FM 9       | 08    | FM 1        | L66   | FM 8       | 32    | FM 24      | -     |
| ALT | BID CODE  | DESCRIPTION  | UNIT   | EST.       | FINAL | EST.        | FINAL | EST.       | FINAL | EST.        | FINAL | EST.       | FINAL | EST.       | FINAL |
|     | 316-7023  | ASPH (AC-20-5TR)   | TON    | 168.720    |       | 846.240     |       | 47.180     |       | 300.740     |       | 40.440     |       | 265.010    |       |
|     | 316-7134  | AGGR (TY-PB, GR-3)(SAC-A)  | CY     |            |       |             |       |            |       |             |       | 165.000    |       |            |       |
|     | 316-7208  | AGGR (TY-PB, GR-3)(SAC-B)  | CY     |            |       |             |       |            |       |             |       |            |       |            |       |
|     | 316-7241  | AGGR (TY-PB OR PL, GR-4)(SAC-A)  | CY     |            |       |             |       | 169.000    |       | 1,079.000   |       |            |       |            |       |
|     | 316-7245  | AGGR (TY-PB OR PL, GR-4)(SAC-B)  | CY     | 605.000    |       | 3,036.000   |       |            |       |             |       |            |       | 951.000    |       |
|     | 500-7001  | MOBILIZATION   | LS     |            |       |             |       |            |       |             |       |            |       |            |       |
|     | 502-7001  | BARRICADES, SIGNS AND TRAFFIC HANDLING                                       | МО     |            |       |             |       |            |       |             |       |            |       |            |       |
|     | 662-7112  | WK ZN PAV MRK SHT TERM (TAB)TY W   | EA     |            |       |             |       |            |       |             |       |            |       |            |       |
|     | 662-7114  | WK ZN PAV MRK SHT TERM (TAB)TY Y-2   | EA     | 596.000    |       | 2,545.000   |       | 192.000    |       | 999.000     |       | 917.000    |       | 965.000    |       |
|     | 666-7018  | REFL PAV MRK TY I (W)8"(DOT)(100MIL)   | LF     |            |       |             |       |            |       |             |       |            |       |            |       |
|     | 666-7024  | REFL PAV MRK TY I (W)8"(SLD)(100MIL)   | LF     |            |       |             |       |            |       |             |       |            |       |            |       |
|     | 666-7036  | REFL PAV MRK TY I (W)24"(SLD)(100MIL)  | LF     |            |       | 36.000      |       | 59.000     |       | 12.000      |       |            |       | 138.000    |       |
|     | 666-7172  | RE PM TY II (W) 6" (BRK)   | LF     |            |       |             |       |            |       |             |       |            |       |            |       |
|     | 666-7175  | RE PM TY II (W) 6" (SLD)   | LF     | 47,657.000 |       | 203,781.000 |       | 15,280.000 |       | 79,886.000  |       | 13,031.000 |       | 77,183.000 |       |
|     | 666-7211  | RE PM TY II (Y) 6" (BRK)   | LF     | 3,280.000  |       | 18,311.000  |       | 990.000    |       | 2,410.000   |       |            |       | 4,081.000  |       |
|     | 666-7213  | RE PM TY II (Y) 6" (SLD)   | LF     | 21,448.000 |       | 109,761.000 |       | 10,243.000 |       | 69,823.000  |       | 13,031.000 |       | 55,213.000 |       |
|     | 668-7001  | PRFB RUMBLE STRIP (BLK)(4')(TRANSVERSE)                                      | LF     |            |       | 80.000      |       |            |       |             |       |            |       |            |       |
|     | 668-7091  | PREFAB PM TY C (W)(ARROW)  | EA     |            |       |             |       |            |       |             |       |            |       |            |       |
|     | 668-7093  | PREFAB PM TY C (W)(DBL ARROW)  | EA     |            |       |             |       |            |       |             |       |            |       |            |       |
|     | 668-7103  | PREFAB PM TY C (W)(WORD)   | EA     |            |       | 6.000       |       | 4.000      |       |             |       |            |       |            |       |
|     | 668-7108  | PREFAB PM TY C (W)(RR XING)  | EA     |            |       |             |       | 2.000      |       |             |       |            |       |            |       |
|     | 668-7111  | PREFAB PM TY C (W)(36")(YLD TRI)   | EA     |            |       |             |       |            |       |             |       |            |       |            |       |
|     | 672-7002  | REFL PAV MRKR TY I-C   | EA     |            |       |             |       |            |       |             |       |            |       |            |       |
|     | 672-7004  | REFL PAV MRKR TY II-A-A  | EA     | 559.000    |       | 2,289.000   |       | 178.000    |       | 996.000     |       | 163.000    |       | 894.000    |       |
|     | 672-7006  | REFL PAV MRKR TY II-C-R  | EA     |            |       |             |       |            |       |             |       |            |       |            |       |
|     | 677-7001  | ELIM EXT PM & MRKS (4")  | LF     | 82,385.000 |       | 331,853.000 |       |            |       | 152,119.000 |       |            |       | 97,408.000 |       |
|     | 9606-7001 | LAW ENFORCEMENT PERSONNEL  | DOL    |            |       |             |       |            |       |             |       |            |       |            |       |
|     | 08        | EROSION CONTROL MAINTENANCE:<br>CONTRACTOR FORCE ACCOUNT WORK (NON-<br>PART) | LS     |            |       |             |       |            |       |             |       |            |       |            |       |
|     |           | SAFETY CONTINGENCY: CONTRACTOR FORCE<br>ACCOUNT WORK (NON-PART)              | LS     |            |       |             |       |            |       |             |       |            |       |            |       |



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HIGHWAY BS 65, FM 1073, FM 1124, FM 1155, FM 1366, FM 1512, FM 159, FM 166, FM 1748, FM 1774, FM 1848, FM 1963, FM 2038, FM 2039, FM 2154, FM 2158, FM 230, FM 2445, FM 2447, FM 2447, FM 247, FM 2548, FM 2776, FM 2777, FM 2819, FM 2989, FM 3242, FM 39, FM 486, FM 487, FM 488, FM 577, FM 745, FM 80, FM 832, FM 833, FM 908, FM 912, FM 974, FS 1366, SH 105, SH 164, SH 21, SH 36, SH 90, SL 429, SS 114, SS 234, US 190, US 79

|     |           | CONTROL SECTION  | ON JOB | 1316-0     | 2-018 | 1328-02     | 2-012 | 1328-03   | 3-008 | 1400-0      | 1-032 | 1405-04    | 4-028 | 1458-0      | 1-016 |
|-----|-----------|--|--------|------------|-------|-------------|-------|-----------|-------|-------------|-------|------------|-------|-------------|-------|
|     |           | PROJ   | ECT ID | A0018      | 8893  | A0018       | B906  | A0018     | 8908  | A0018       | 8914  | A0018      | 9255  | A0018       | 8950  |
|     |           | C  | ουντγ  | Braz       | :05   | Freest      | one   | Freest    | one   | Grir        | nes   | Washin     | gton  | Leo         | n     |
|     |           | ніс  | HWAY   | FM 2       | 038   | FM 13       | 366   | FS 13     | 866   | FM 1        | .774  | FM 1:      | 155   | FM 1!       | 512   |
| ALT | BID CODE  | DESCRIPTION  | UNIT   | EST.       | FINAL | EST.        | FINAL | EST.      | FINAL | EST.        | FINAL | EST.       | FINAL | EST.        | FINAL |
|     | 316-7023  | ASPH (AC-20-5TR)   | TON    | 205.940    |       | 300.810     |       | 19.220    |       | 555.280     |       | 320.190    |       | 285.320     |       |
|     | 316-7134  | AGGR (TY-PB, GR-3)(SAC-A)  | CY     |            |       |             |       |           |       |             |       |            |       |             |       |
|     | 316-7208  | AGGR (TY-PB, GR-3)(SAC-B)  | CY     |            |       |             |       |           |       |             |       |            |       | 1,157.000   |       |
|     | 316-7241  | AGGR (TY-PB OR PL, GR-4)(SAC-A)  | CY     |            |       |             |       |           |       | 1,992.000   |       |            |       |             |       |
|     | 316-7245  | AGGR (TY-PB OR PL, GR-4)(SAC-B)  | CY     | 739.000    |       | 1,079.000   |       | 69.000    |       |             |       | 1,149.000  |       |             |       |
|     | 500-7001  | MOBILIZATION   | LS     |            |       |             |       |           |       |             |       |            |       |             |       |
|     | 502-7001  | BARRICADES, SIGNS AND TRAFFIC HANDLING                                       | МО     |            |       |             |       |           |       |             |       |            |       |             |       |
|     | 662-7112  | WK ZN PAV MRK SHT TERM (TAB)TY W   | EA     |            |       |             |       |           |       | 20.000      |       |            |       |             |       |
|     | 662-7114  | WK ZN PAV MRK SHT TERM (TAB)TY Y-2   | EA     | 730.000    |       | 912.000     |       | 88.000    |       | 1,925.000   |       | 944.000    |       | 1,093.000   |       |
|     | 666-7018  | REFL PAV MRK TY I (W)8"(DOT)(100MIL)   | LF     |            |       |             |       |           |       |             |       |            |       | 1,365.000   |       |
|     | 666-7024  | REFL PAV MRK TY I (W)8"(SLD)(100MIL)   | LF     |            |       |             |       |           |       |             |       |            |       | 5,560.000   |       |
|     | 666-7036  | REFL PAV MRK TY I (W)24"(SLD)(100MIL)  | LF     | 12.000     |       | 12.000      |       | 16.000    |       | 24.000      |       | 117.000    |       | 56.000      |       |
|     | 666-7172  | RE PM TY II (W) 6" (BRK)   | LF     |            |       |             |       |           |       |             |       |            |       |             |       |
|     | 666-7175  | RE PM TY II (W) 6" (SLD)   | LF     | 58,396.000 |       | 72,927.000  |       |           |       |             |       | 75,493.000 |       | 87,373.000  |       |
|     | 666-7211  | RE PM TY II (Y) 6" (BRK)   | LF     | 5,389.000  |       | 6,349.000   |       | 710.000   |       | 2,212.000   |       | 1,791.000  |       | 2,121.000   |       |
|     | 666-7213  | RE PM TY II (Y) 6" (SLD)   | LF     | 27,625.000 |       | 40,366.000  |       | 2,424.000 |       | 8,849.000   |       | 68,328.000 |       | 77,859.000  |       |
|     | 668-7001  | PRFB RUMBLE STRIP (BLK)(4')(TRANSVERSE)                                      | LF     |            |       |             |       |           |       |             |       |            |       |             |       |
|     | 668-7091  | PREFAB PM TY C (W)(ARROW)  | EA     |            |       |             |       |           |       | 5.000       |       |            |       |             |       |
|     | 668-7093  | PREFAB PM TY C (W)(DBL ARROW)  | EA     |            |       |             |       |           |       |             |       |            |       |             |       |
|     | 668-7103  | PREFAB PM TY C (W)(WORD)   | EA     |            |       |             |       |           |       |             |       |            |       |             |       |
|     | 668-7108  | PREFAB PM TY C (W)(RR XING)  | EA     |            |       |             |       |           |       |             |       |            |       | 1.000       |       |
|     | 668-7111  | PREFAB PM TY C (W)(36")(YLD TRI)   | EA     |            |       |             |       |           |       |             |       |            |       |             |       |
|     | 672-7002  | REFL PAV MRKR TY I-C   | EA     |            |       |             |       |           |       |             |       |            |       |             |       |
|     | 672-7004  | REFL PAV MRKR TY II-A-A  | EA     | 636.000    |       | 825.000     |       | 66.000    |       | 111.000     |       | 944.000    |       | 1,080.000   |       |
|     | 672-7006  | REFL PAV MRKR TY II-C-R  | EA     |            |       |             |       |           |       |             |       |            |       |             |       |
|     | 677-7001  | ELIM EXT PM & MRKS (4")  | LF     |            |       | 119,642.000 |       | 3,134.000 |       | 280,111.000 |       |            |       | 167,353.000 |       |
|     | 9606-7001 | LAW ENFORCEMENT PERSONNEL  | DOL    |            |       |             |       |           |       |             |       |            |       |             |       |
|     | 08        | EROSION CONTROL MAINTENANCE:<br>CONTRACTOR FORCE ACCOUNT WORK (NON-<br>PART) | LS     |            |       |             |       |           |       |             |       |            |       |             |       |
|     |           | SAFETY CONTINGENCY: CONTRACTOR FORCE<br>ACCOUNT WORK (NON-PART)              | LS     |            |       |             |       |           |       |             |       |            |       |             |       |



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**Estimate & Quantity Sheet** 

DISTRICT Bryan

HIGHWAY BS 65, FM 1073, FM 1124, FM 1155, FM 1366, FM 1512, FM 159, FM 166, FM 1748, FM 1774, FM 1848, FM 1963, FM 2038, FM 2039, FM 2154, FM 2158, FM 230, FM 2445, FM 2447, FM 2447, FM 247, FM 2548, FM 2776, FM 2777, FM 2819, FM 2989, FM 3242, FM 39, FM 486, FM 487, FM 488, FM 577, FM 745, FM 80, FM 832, FM 833, FM 908, FM 912, FM 974, FS 1366, SH 105, SH 164, SH 21, SH 36, SH 90, SL 429, SS 114, SS 234, US 190, US 79

|     |           | CONTROL SECTIO   | ON JOB | 1516-0    | 1-009 | 1517-01    | L-012 | 1691-02    | 2-014 | 1952-0     | 2-014 | 2027-0     | 1-014 | 2028-01     | 1-014 |
|-----|-----------|--|--------|-----------|-------|------------|-------|------------|-------|------------|-------|------------|-------|-------------|-------|
|     |           | PROJ   | ECT ID | A0018     | 8945  | A00188     | 3913  | A0018      | 8892  | A0018      | 9804  | A0018      | 8846  | A00188      | 3860  |
|     |           | C  | OUNTY  | Grin      | nes   | Grim       | es    | Braz       | :0S   | Braz       | zos   | Madi       | son   | Mila        | m     |
|     |           | ніс  | HWAY   | SS 2      | 34    | FM 17      | 748   | FM 9       | 074   | FM 9       | 974   | FM 2:      | 158   | FM 32       | 242   |
| ALT | BID CODE  | DESCRIPTION  | UNIT   | EST.      | FINAL | EST.       | FINAL | EST.       | FINAL | EST.       | FINAL | EST.       | FINAL | EST.        | FINAL |
|     | 316-7023  | ASPH (AC-20-5TR)   | TON    | 14.110    |       | 53.460     |       | 213.900    |       | 175.620    |       | 158.320    |       | 244.190     |       |
|     | 316-7134  | AGGR (TY-PB, GR-3)(SAC-A)  | CY     |           |       | 217.000    |       |            |       |            |       | 642.000    |       |             |       |
|     | 316-7208  | AGGR (TY-PB, GR-3)(SAC-B)  | CY     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 316-7241  | AGGR (TY-PB OR PL, GR-4)(SAC-A)  | CY     | 51.000    |       |            |       | 767.000    |       | 630.000    |       |            |       | 876.000     |       |
|     | 316-7245  | AGGR (TY-PB OR PL, GR-4)(SAC-B)  | CY     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 500-7001  | MOBILIZATION   | LS     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 502-7001  | BARRICADES, SIGNS AND TRAFFIC HANDLING                                       | МО     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 662-7112  | WK ZN PAV MRK SHT TERM (TAB)TY W   | EA     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 662-7114  | WK ZN PAV MRK SHT TERM (TAB)TY Y-2   | EA     | 56.000    |       | 201.000    |       | 783.000    |       | 667.000    |       | 656.000    |       | 969.000     |       |
|     | 666-7018  | REFL PAV MRK TY I (W)8"(DOT)(100MIL)   | LF     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 666-7024  | REFL PAV MRK TY I (W)8"(SLD)(100MIL)   | LF     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 666-7036  | REFL PAV MRK TY I (W)24"(SLD)(100MIL)  | LF     | 24.000    |       | 72.000     |       |            |       | 12.000     |       | 12.000     |       |             |       |
|     | 666-7172  | RE PM TY II (W) 6" (BRK)   | LF     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 666-7175  | RE PM TY II (W) 6" (SLD)   | LF     | 4,435.000 |       | 16,072.000 |       | 62,620.000 | 5     | 53,328.000 |       | 52,472.000 |       | 77,457.000  |       |
|     | 666-7211  | RE PM TY II (Y) 6" (BRK)   | LF     |           |       |            |       | 6,226.000  |       | 4,971.000  |       | 2,845.000  |       | 6,255.000   |       |
|     | 666-7213  | RE PM TY II (Y) 6" (SLD)   | LF     | 4,435.000 |       | 16,072.000 |       | 29,441.000 | 2     | 25,402.000 |       | 38,027.000 |       | 48,402.000  |       |
|     | 668-7001  | PRFB RUMBLE STRIP (BLK)(4')(TRANSVERSE)                                      | LF     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 668-7091  | PREFAB PM TY C (W)(ARROW)  | EA     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 668-7093  | PREFAB PM TY C (W)(DBL ARROW)  | EA     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 668-7103  | PREFAB PM TY C (W)(WORD)   | EA     |           |       |            |       |            |       |            |       | 2.000      |       | 2.000       |       |
|     | 668-7108  | PREFAB PM TY C (W)(RR XING)  | EA     | 2.000     |       | 4.000      |       |            |       |            |       |            |       |             |       |
|     | 668-7111  | PREFAB PM TY C (W)(36")(YLD TRI)   | EA     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 672-7002  | REFL PAV MRKR TY I-C   | EA     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 672-7004  | REFL PAV MRKR TY II-A-A  | EA     | 56.000    |       | 203.000    |       | 682.000    |       | 556.000    |       | 617.000    |       | 920.000     |       |
|     | 672-7006  | REFL PAV MRKR TY II-C-R  | EA     |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 677-7001  | ELIM EXT PM & MRKS (4")  | LF     |           |       | 32,144.000 |       | 98,287.000 | 8     | 83,701.000 |       |            |       | 132,114.000 |       |
|     | 9606-7001 | LAW ENFORCEMENT PERSONNEL  | DOL    |           |       |            |       |            |       |            |       |            |       |             |       |
|     | 08        | EROSION CONTROL MAINTENANCE:<br>CONTRACTOR FORCE ACCOUNT WORK (NON-<br>PART) | LS     |           |       |            |       |            |       |            |       |            |       |             |       |
|     |           | SAFETY CONTINGENCY: CONTRACTOR FORCE<br>ACCOUNT WORK (NON-PART)              | LS     |           |       |            |       |            |       |            |       |            |       |             |       |



| DISTRICT | COUNTY | CCSJ        | SHEET |
|----------|--------|-------------|-------|
| Bryan    | Grimes | 0050-11-023 | 17F   |



**Estimate & Quantity Sheet** 

DISTRICT Bryan

HIGHWAY BS 65, FM 1073, FM 1124, FM 1155, FM 1366, FM 1512, FM 159, FM 166, FM 1748, FM 1774, FM 1848, FM 1963, FM 2038, FM 2039, FM 2154, FM 2158, FM 230, FM 2445, FM 2447, FM 2447, FM 247, FM 2548, FM 2776, FM 2777, FM 2819, FM 2989, FM 3242, FM 39, FM 486, FM 487, FM 488, FM 577, FM 745, FM 80, FM 832, FM 833, FM 908, FM 912, FM 974, FS 1366, SH 105, SH 164, SH 21, SH 36, SH 90, SL 429, SS 114, SS 234, US 190, US 79

|     |           | CONTROL SECTION  | ON JOB | 2131-0     | 1-030 | 2336-01     | L-010 | 2447-01    | 1-034 254  | 8-01-014 | 2565-0    | 1-005 | 2565-02    | 2-010 |
|-----|-----------|--|--------|------------|-------|-------------|-------|------------|------------|----------|-----------|-------|------------|-------|
|     |           | PROJ   | ECT ID | A0018      | 9064  | A00188      | 3915  | A00189     | 9253 A0    | )188959  | A0018     | 8877  | A00188     | 3878  |
|     |           | C  | ουντγ  | Freest     | tone  | Grim        | es    | Washin     | igton M    | adison   | Wall      | ker   | Walk       | er    |
|     |           | ніс  | HWAY   | FM 8       | 33    | FM 24       | 45    | FM 5       | 77 F       | 4 2548   | FM 2      | 989   | FM 29      | 989   |
| ALT | BID CODE  | DESCRIPTION  | UNIT   | EST.       | FINAL | EST.        | FINAL | EST.       | FINAL EST. | FINAL    | EST.      | FINAL | EST.       | FINAL |
|     | 316-7023  | ASPH (AC-20-5TR)   | TON    | 91.790     |       | 207.030     |       | 294.080    | 210.4      | ·60      | 7.910     |       | 196.170    |       |
|     | 316-7134  | AGGR (TY-PB, GR-3)(SAC-A)  | CY     |            |       |             |       |            |            |          |           |       | 796.000    |       |
|     | 316-7208  | AGGR (TY-PB, GR-3)(SAC-B)  | CY     |            |       |             |       |            |            |          | 32.000    |       |            |       |
|     | 316-7241  | AGGR (TY-PB OR PL, GR-4)(SAC-A)  | CY     |            |       |             |       | 1,055.000  |            |          |           |       |            |       |
|     | 316-7245  | AGGR (TY-PB OR PL, GR-4)(SAC-B)  | CY     | 329.000    |       | 743.000     |       |            | 755.       | 00       |           |       |            |       |
|     | 500-7001  | MOBILIZATION   | LS     |            |       |             |       |            |            |          |           |       |            |       |
|     | 502-7001  | BARRICADES, SIGNS AND TRAFFIC HANDLING                                       | мо     |            |       |             |       |            |            |          |           |       |            |       |
|     | 662-7112  | WK ZN PAV MRK SHT TERM (TAB)TY W   | EA     |            |       |             |       | 243.000    |            |          |           |       |            |       |
|     | 662-7114  | WK ZN PAV MRK SHT TERM (TAB)TY Y-2   | EA     | 343.000    |       | 802.000     |       | 1,110.000  | 870.       | 00       | 31.000    |       | 732.000    |       |
|     | 666-7018  | REFL PAV MRK TY I (W)8"(DOT)(100MIL)   | LF     |            |       |             |       |            |            |          |           |       |            |       |
|     | 666-7024  | REFL PAV MRK TY I (W)8"(SLD)(100MIL)   | LF     |            |       |             |       |            |            |          |           |       |            |       |
|     | 666-7036  | REFL PAV MRK TY I (W)24"(SLD)(100MIL)  | LF     | 12.000     |       |             |       | 1,050.000  | 12.        | 00       |           |       |            |       |
|     | 666-7172  | RE PM TY II (W) 6" (BRK)   | LF     |            |       |             |       | 1,888.000  |            |          |           |       |            |       |
|     | 666-7175  | RE PM TY II (W) 6" (SLD)   | LF     | 27,392.000 |       | 64,088.000  |       | 42,958.000 | 69,548.    | 00       | 2,428.000 |       | 53,813.000 |       |
| Ī   | 666-7211  | RE PM TY II (Y) 6" (BRK)   | LF     | 2,019.000  |       | 4,163.000   |       | 10,129.000 | 6,161.     | 00       |           |       | 2,911.000  |       |
|     | 666-7213  | RE PM TY II (Y) 6" (SLD)   | LF     | 18,496.000 |       | 42,810.000  |       | 50,445.000 | 32,541.    | 00       | 2,429.000 |       | 41,760.000 |       |
| Ī   | 668-7001  | PRFB RUMBLE STRIP (BLK)(4')(TRANSVERSE)                                      | LF     |            |       |             |       |            |            |          |           |       |            |       |
| Ī   | 668-7091  | PREFAB PM TY C (W)(ARROW)  | EA     |            |       |             |       | 49.000     |            |          |           |       |            |       |
| Ī   | 668-7093  | PREFAB PM TY C (W)(DBL ARROW)  | EA     |            |       |             |       | 10.000     |            |          |           |       |            |       |
|     | 668-7103  | PREFAB PM TY C (W)(WORD)   | EA     |            |       |             |       | 11.000     |            |          |           |       | 2.000      |       |
|     | 668-7108  | PREFAB PM TY C (W)(RR XING)  | EA     |            |       |             |       | 8.000      |            |          |           |       |            |       |
|     | 668-7111  | PREFAB PM TY C (W)(36")(YLD TRI)   | EA     |            |       |             |       |            |            |          |           |       |            |       |
|     | 672-7002  | REFL PAV MRKR TY I-C   | EA     |            |       |             |       | 202.000    |            |          |           |       |            |       |
|     | 672-7004  | REFL PAV MRKR TY II-A-A  | EA     | 333.000    |       | 711.000     |       | 603.000    | 716.       | 00       | 30.000    |       | 722.000    |       |
| ĺ   | 672-7006  | REFL PAV MRKR TY II-C-R  | EA     |            |       |             |       |            |            |          |           |       |            |       |
| ĺ   | 677-7001  | ELIM EXT PM & MRKS (4")  | LF     | 47,907.000 |       | 111,061.000 |       |            | 102,705.   | 00       |           |       |            |       |
|     | 9606-7001 | LAW ENFORCEMENT PERSONNEL  | DOL    |            |       |             |       |            |            |          |           |       |            |       |
|     | 08        | EROSION CONTROL MAINTENANCE:<br>CONTRACTOR FORCE ACCOUNT WORK (NON-<br>PART) | LS     |            |       |             |       |            |            |          |           |       |            |       |
|     |           | SAFETY CONTINGENCY: CONTRACTOR FORCE<br>ACCOUNT WORK (NON-PART)              | LS     |            |       |             |       |            |            |          |           |       |            |       |



| DISTRICT | COUNTY | CCSJ        | SHEET |
|----------|--------|-------------|-------|
| Bryan    | Grimes | 0050-11-023 | 17G   |



**Estimate & Quantity Sheet** 

DISTRICT Bryan

HIGHWAY BS 65, FM 1073, FM 1124, FM 1155, FM 1366, FM 1512, FM 159, FM 166, FM 1748, FM 1774, FM 1848, FM 1963, FM 2038, FM 2039, FM 2154, FM 2158, FM 230, FM 2445, FM 2447, FM 2447, FM 247, FM 2548, FM 2776, FM 2777, FM 2819, FM 2989, FM 3242, FM 39, FM 486, FM 487, FM 488, FM 577, FM 745, FM 80, FM 832, FM 833, FM 908, FM 912, FM 974, FS 1366, SH 105, SH 164, SH 21, SH 36, SH 90, SL 429, SS 114, SS 234, US 190, US 79

|     |           | CONTROL SECTION  | ON JOB | 2824-02    | 2-013 | 2826-01    | -007  | 2848-0     | 1-007 | 2849-0      | 1-014 | 2948-0     | 3-009 | 2995-01    | L-006 |
|-----|-----------|--|--------|------------|-------|------------|-------|------------|-------|-------------|-------|------------|-------|------------|-------|
|     |           | PROJ   | ECT ID | A00189     | 9039  | A00188     | 733   | A0018      | 9065  | A0019       | 5132  | A0018      | 9118  | A00188     | 3735  |
|     |           | C  | ουντγ  | Braz       | 05    | Freesto    | one   | Freest     | tone  | Grin        | nes   | Leo        | on    | Freest     | one   |
|     |           | ніс  | GHWAY  | FM 27      | 776   | FM 27      | 77    | FM 11      | 124   | FM 2        | 819   | FM 1       | 848   | SS 1       | 14    |
| ALT | BID CODE  | DESCRIPTION  | UNIT   | EST.       | FINAL | EST.       | FINAL | EST.       | FINAL | EST.        | FINAL | EST.       | FINAL | EST.       | FINAL |
|     | 316-7023  | ASPH (AC-20-5TR)   | TON    | 191.990    |       | 97.390     |       | 62.540     |       | 285.490     |       | 69.610     |       | 22.610     |       |
|     | 316-7134  | AGGR (TY-PB, GR-3)(SAC-A)  | CY     |            |       |            |       |            |       |             |       |            |       |            |       |
|     | 316-7208  | AGGR (TY-PB, GR-3)(SAC-B)  | CY     |            |       |            |       |            |       |             |       | 282.000    |       | 92.000     |       |
|     | 316-7241  | AGGR (TY-PB OR PL, GR-4)(SAC-A)  | CY     | 689.000    |       |            |       |            |       |             |       |            |       |            |       |
|     | 316-7245  | AGGR (TY-PB OR PL, GR-4)(SAC-B)  | CY     |            |       | 349.000    |       | 224.000    |       | 1,024.000   |       |            |       |            |       |
|     | 500-7001  | MOBILIZATION   | LS     |            |       |            |       |            |       |             |       |            |       |            |       |
|     | 502-7001  | BARRICADES, SIGNS AND TRAFFIC HANDLING                                       | МО     |            |       |            |       |            |       |             |       |            |       |            |       |
|     | 662-7112  | WK ZN PAV MRK SHT TERM (TAB)TY W   | EA     | 4.000      |       |            |       |            |       |             |       |            |       | 2.000      |       |
|     | 662-7114  | WK ZN PAV MRK SHT TERM (TAB)TY Y-2   | EA     | 413.000    |       | 338.000    |       | 242.000    |       | 1,139.000   |       | 279.000    |       | 78.000     |       |
|     | 666-7018  | REFL PAV MRK TY I (W)8"(DOT)(100MIL)   | LF     | 40.000     |       |            |       |            |       |             |       |            |       |            |       |
|     | 666-7024  | REFL PAV MRK TY I (W)8"(SLD)(100MIL)   | LF     |            |       |            |       |            |       |             |       |            |       |            |       |
|     | 666-7036  | REFL PAV MRK TY I (W)24"(SLD)(100MIL)  | LF     |            |       | 24.000     |       |            |       |             |       |            |       |            |       |
|     | 666-7172  | RE PM TY II (W) 6" (BRK)   | LF     |            |       |            |       |            |       |             |       |            |       |            |       |
|     | 666-7175  | RE PM TY II (W) 6" (SLD)   | LF     | 32,809.000 |       | 26,980.000 |       | 19,356.000 |       | 91,048.000  |       | 22,303.000 |       | 6,230.000  |       |
|     | 666-7211  | RE PM TY II (Y) 6" (BRK)   | LF     | 3,884.000  |       | 2,851.000  |       | 1,710.000  |       | 6,494.000   |       | 1,611.000  |       | 521.000    |       |
|     | 666-7213  | RE PM TY II (Y) 6" (SLD)   | LF     | 11,352.000 |       | 9,926.000  |       | 10,021.000 |       | 58,935.000  |       | 15,565.000 |       | 10,021.000 |       |
|     | 668-7001  | PRFB RUMBLE STRIP (BLK)(4')(TRANSVERSE)                                      | LF     |            |       |            |       |            |       |             |       |            |       |            |       |
|     | 668-7091  | PREFAB PM TY C (W)(ARROW)  | EA     |            |       |            |       |            |       |             |       |            |       |            |       |
|     | 668-7093  | PREFAB PM TY C (W)(DBL ARROW)  | EA     |            |       |            |       |            |       |             |       |            |       |            |       |
|     | 668-7103  | PREFAB PM TY C (W)(WORD)   | EA     |            |       |            |       |            |       |             |       |            |       |            |       |
|     | 668-7108  | PREFAB PM TY C (W)(RR XING)  | EA     |            |       |            |       |            |       |             |       |            |       |            |       |
|     | 668-7111  | PREFAB PM TY C (W)(36")(YLD TRI)   | EA     |            |       |            |       |            |       |             |       |            |       |            |       |
|     | 672-7002  | REFL PAV MRKR TY I-C   | EA     | 3.000      |       |            |       |            |       |             |       |            |       | 4.000      |       |
|     | 672-7004  | REFL PAV MRKR TY II-A-A  | EA     | 461.000    |       | 210.000    |       | 210.000    |       | 1,059.000   |       | 276.000    |       | 70.000     |       |
|     | 672-7006  | REFL PAV MRKR TY II-C-R  | EA     |            |       |            |       |            |       |             |       |            |       |            |       |
|     | 677-7001  | ELIM EXT PM & MRKS (4")  | LF     | 48,045.000 |       |            |       | 31,087.000 |       | 156,477.000 |       | 34,198.000 |       |            |       |
|     | 9606-7001 | LAW ENFORCEMENT PERSONNEL  | DOL    |            |       |            |       |            |       |             |       |            |       |            |       |
|     | 08        | EROSION CONTROL MAINTENANCE:<br>CONTRACTOR FORCE ACCOUNT WORK (NON-<br>PART) | LS     |            |       |            |       |            |       |             |       |            |       |            |       |
|     |           | SAFETY CONTINGENCY: CONTRACTOR FORCE<br>ACCOUNT WORK (NON-PART)              | LS     |            |       |            |       |            |       |             |       |            |       |            |       |



| DISTRICT | COUNTY | CCSJ        | SHEET |
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| Bryan    | Grimes | 0050-11-023 | 17H   |



**Estimate & Quantity Sheet** 

DISTRICT Bryan

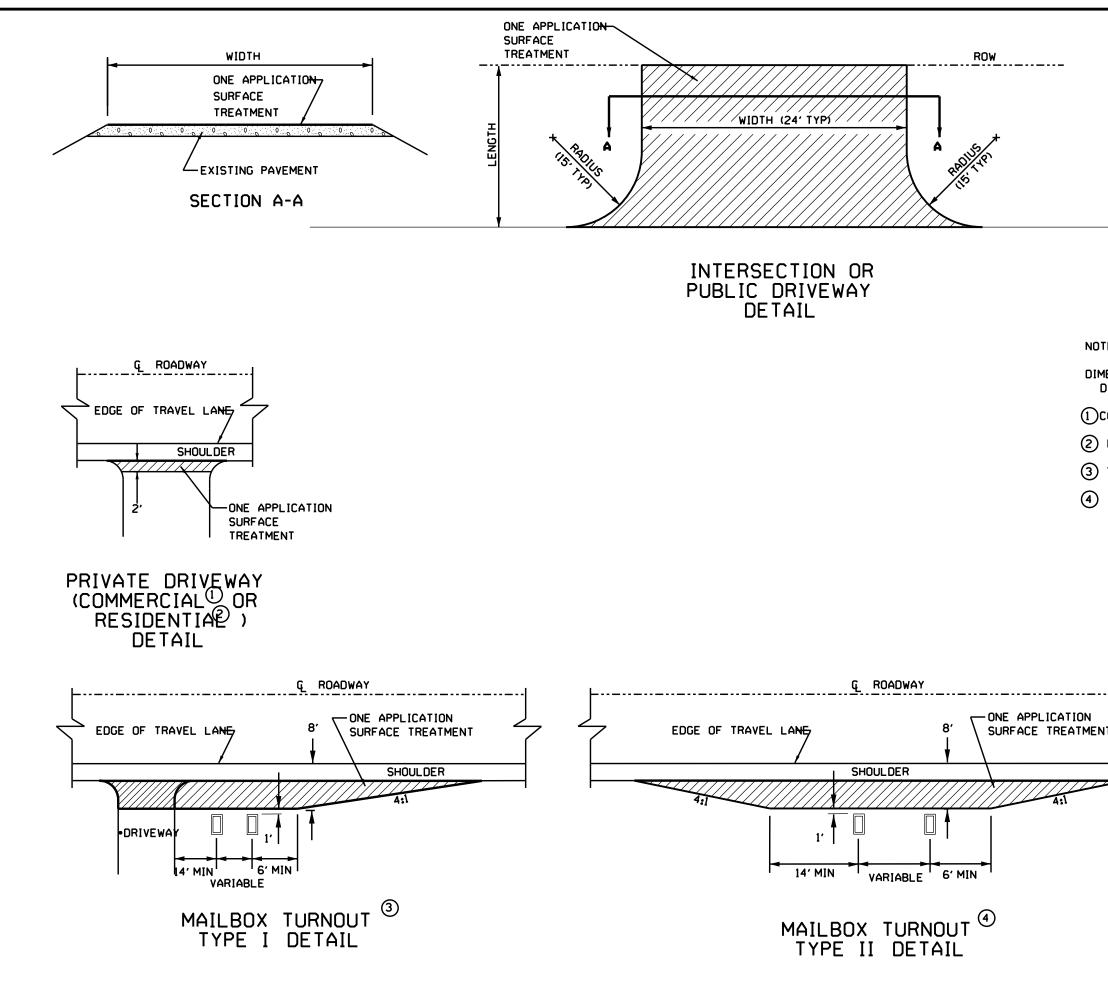
COUNTY Brazos, Burleson, Freestone, Grimes, Leon, Madison, Milam, Robertson, Walker, Washington

HIGHWAY BS 65, FM 1073, FM 1124, FM 1155, FM 1366, FM 1512, FM 159, FM 166, FM 1748, FM 1774, FM 1848, FM 1963, FM 2038, FM 2039, FM 2154, FM 2158, FM 230, FM 2445, FM 2447, FM 2447, FM 247, FM 2548, FM 2776, FM 2777, FM 2819, FM 2989, FM 3242, FM 39, FM 486, FM 487, FM 488, FM 577, FM 745, FM 80, FM 832, FM 833, FM 908, FM 912, FM 974, FS 1366, SH 105, SH 164, SH 21, SH 36, SH 90, SL 429, SS 114, SS 234, US 190, US 79

|    |           | CONTROL SECTION  | ON JOB | 3065-01   | -006  | 3252-01   | -006  | 3282-01   | L-009 |               |                |
|----|-----------|--|--------|-----------|-------|-----------|-------|-----------|-------|---------------|----------------|
|    |           | PROJ   | ECT ID | A00188    | 944   | A00195    | 5127  | A00188    | 8794  |               |                |
|    |           | C  | OUNTY  | Grime     | es    | Freest    | one   | Leo       | n     | TOTAL EST.    | TOTAL<br>FINAL |
|    |           | ніс  | GHWAY  | SL 42     | 9     | FM 10     | 73    | FM 7      | 45    |               | TINAL          |
| LT | BID CODE  | DESCRIPTION  | UNIT   | EST.      | FINAL | EST.      | FINAL | EST.      | FINAL |               |                |
|    | 316-7023  | ASPH (AC-20-5TR)   | TON    | 18.310    |       | 27.370    |       | 11.970    |       | 16,996.710    |                |
|    | 316-7134  | AGGR (TY-PB, GR-3)(SAC-A)  | CY     |           |       |           |       |           |       | 1,989.000     |                |
|    | 316-7208  | AGGR (TY-PB, GR-3)(SAC-B)  | CY     |           |       |           |       |           |       | 1,759.000     |                |
|    | 316-7241  | AGGR (TY-PB OR PL, GR-4)(SAC-A)  | CY     |           |       |           |       |           |       | 22,845.000    |                |
|    | 316-7245  | AGGR (TY-PB OR PL, GR-4)(SAC-B)  | CY     | 66.000    |       | 98.000    |       | 43.000    |       | 34,818.000    |                |
|    | 500-7001  | MOBILIZATION   | LS     |           |       |           |       |           |       | 1.000         |                |
|    | 502-7001  | BARRICADES, SIGNS AND TRAFFIC HANDLING                                       | МО     |           |       |           |       |           |       | 5.000         |                |
|    | 662-7112  | WK ZN PAV MRK SHT TERM (TAB)TY W   | EA     |           |       |           |       |           |       | 9,691.000     |                |
|    | 662-7114  | WK ZN PAV MRK SHT TERM (TAB)TY Y-2   | EA     | 28.000    |       | 120.000   |       | 53.000    |       | 45,891.000    |                |
|    | 666-7018  | REFL PAV MRK TY I (W)8"(DOT)(100MIL)   | LF     |           |       |           |       |           |       | 2,730.000     |                |
|    | 666-7024  | REFL PAV MRK TY I (W)8"(SLD)(100MIL)   | LF     |           |       |           |       |           |       | 11,121.000    |                |
|    | 666-7036  | REFL PAV MRK TY I (W)24"(SLD)(100MIL)  | LF     | 12.000    |       | 12.000    |       | 12.000    |       | 4,394.000     |                |
|    | 666-7172  | RE PM TY II (W) 6" (BRK)   | LF     |           |       |           |       |           |       | 64,526.000    |                |
|    | 666-7175  | RE PM TY II (W) 6" (SLD)   | LF     |           |       |           |       | 4,213.000 |       | 3,339,805.000 |                |
|    | 666-7211  | RE PM TY II (Y) 6" (BRK)   | LF     |           |       | 363.000   |       |           |       | 251,306.000   |                |
|    | 666-7213  | RE PM TY II (Y) 6" (SLD)   | LF     | 2,165.000 |       | 7,350.000 |       | 4,213.000 |       | 2,289,944.000 |                |
|    | 668-7001  | PRFB RUMBLE STRIP (BLK)(4')(TRANSVERSE)                                      | LF     |           |       |           |       |           |       | 720.000       |                |
|    | 668-7091  | PREFAB PM TY C (W)(ARROW)  | EA     | 4.000     |       |           |       |           |       | 296.000       |                |
|    | 668-7093  | PREFAB PM TY C (W)(DBL ARROW)  | EA     | 2.000     |       |           |       |           |       | 16.000        |                |
|    | 668-7103  | PREFAB PM TY C (W)(WORD)   | EA     |           |       |           |       |           |       | 137.000       |                |
|    | 668-7108  | PREFAB PM TY C (W)(RR XING)  | EA     |           |       |           |       |           |       | 20.000        |                |
|    | 668-7111  | PREFAB PM TY C (W)(36")(YLD TRI)   | EA     |           |       |           |       |           |       | 681.000       |                |
|    | 672-7002  | REFL PAV MRKR TY I-C   | EA     |           |       |           |       |           |       | 45,547.000    |                |
|    | 672-7004  | REFL PAV MRKR TY II-A-A  | EA     | 31.000    |       | 110.000   |       | 53.000    |       | 38,465.000    |                |
|    | 672-7006  | REFL PAV MRKR TY II-C-R  | EA     |           |       |           |       |           |       | 681.000       |                |
|    | 677-7001  | ELIM EXT PM & MRKS (4")  | LF     |           |       | 7,713.000 |       |           |       | 3,462,988.000 |                |
|    | 9606-7001 | LAW ENFORCEMENT PERSONNEL  | DOL    |           |       |           |       |           |       | 25,000.000    |                |
|    | 08        | EROSION CONTROL MAINTENANCE:<br>CONTRACTOR FORCE ACCOUNT WORK (NON-<br>PART) | LS     |           |       |           |       |           |       | 1.000         |                |
|    |           | SAFETY CONTINGENCY: CONTRACTOR FORCE<br>ACCOUNT WORK (NON-PART)              | LS     |           |       |           |       |           |       | 1.000         |                |



| DISTRICT | COUNTY | CCSJ        | SHEET |
|----------|--------|-------------|-------|
| Bryan    | Grimes | 0050-11-023 | 171   |



EDGE OF ROADWAY

NOTES:

DIMENSIONS ARE FOR ESTIMATING PURPOSES ONLY, ACTUAL DIMENSIONS WILL VARY.

(1) COMMERCIAL DRIVEWAY SURFACE AREA ESTIMATED AT 9 SY/EA.

(2) RESIDENTIAL DRIVEWAY SURFACE AREA ESTIMATED AT 4 SY/EA.

(3) TY I MAILBOX TURNOUT SURFACE AREA ESTIMATED AT 28 SY/EA.

(4) TY II MAILBOX TURNOUT SURFACE AREA ESTIMATED AT 31 SY/EA.

| Drawings No          |          | Texas Dep<br>of Transp<br><sup>Bryan District</sup><br>ANEOU<br>DETAILS | ortation   | ©2024      |
|----------------------|----------|---|------------|------------|
| FED. RD.<br>DIV. NO. | PROJECT  |   | HIGHWAY    | NUMBER     |
| 6                    | F 202    | 5(135)  | BS 6S      | , ETC.     |
| STATE                | DISTRICT |   | COUNTY     |            |
| TEXAS                | BRY      | G   | RIMES, ETC | <b>)</b> . |
| CONTROL              | SECTION  | JL  | ЭВ         | SHEET NO.  |
| 0050                 | 11       |   | ETC.       |            |

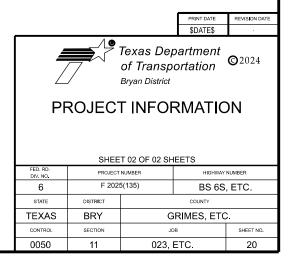
|              |                        |            |            | 1                          |                                      | PROJECT LIMITS                    |           |        |                             |                        |                        |      |        | 1         |         |
|--------------|------------------------|------------|------------|----------------------------|--------------------------------------|-----------------------------------|-----------|--------|-----------------------------|------------------------|------------------------|------|--------|-----------|---------|
| ATIO<br>MBER | FEDERAL<br>OR<br>STATE | COUNTY     | HIGHWAY    | CSJ                        | PROJECT                              | LIMITS                            | A         | ЭT     | PERCENT<br>TRUCK<br>TRAFFIC | REFERENCE              | MARKERS**              | STA  | ATION  | PROJECT   | LENGTH  |
|              |                        |            |            | -                          | FROM                                 | ТО                                | 2020      | 2040   | %                           | BEGIN                  | END                    | FROM | TO     | FT        | MI      |
| 1            | F                      | Brazos     | FM 2154    | 0540-04-093                | Greens Prairie Trail                 | SH 6                              | 6,490     | 9,086  | 5.2                         | 624+1.672              | 636+1.801              | 0+00 | 637+72 | 63,772    | 12.078  |
|              | S                      | Brazos     | FM 159     | 0540-05-055                | SH 6                                 | 2.8 M1 S of FM 2154               | 1,427     | 2,061  | 9.0                         | 442-0.019              | 426+1.556              | 0+00 | 286+55 | 28,655    | 5.427   |
| 3            | F                      | Brazos     | FM 2038    | 1316-02-018                | FM 974                               | US 190                            | 714       | 1,000  | 5.9                         | 618-0.006              | 622+1.316              | 0+00 | 308+30 | 29,199    | 5.530   |
| 4            | F                      | Brazos     | FM 974     | 1691-02-014                | FM 2038                              | Macey Rd.                         | 1,442     | 1,875  | 4.7                         | 626+1.698              | 632+1.664              | 0+00 | 314+48 | 31,448    | 5.956   |
|              | F                      | Brazos     | FM 974     | 1952-02-014                | Macey Rd                             | SH 21                             | 1,114     | 1,470  | 5.2                         | 632+1.664              | 638+1.39               | 0+00 | 302+91 | 30,291    | 5.737   |
| 5            | S                      | Brazos     | FM 2776    | 2824-02-013                | FM 974                               | SH 21                             | 2,307     | 3,230  | 4.7                         | 402-0.019              | 406+1.021              | 0+00 | 263+21 | 26,321    | 4.985   |
| 7            | S                      | Burleson   | SH 21      | 0116-03-072                | 2900' Past SH36 Intersection         | Brazos County Line                | 18,900    | 24,948 | 14.0                        | 624-1.373              | 632+1.285              | 0+00 | 699+34 | 57,193    | 10.830  |
| 8            | S                      | Burleson   | FM 2039    | 0833-13-018                | FM 166                               | FM 60                             | 795       | 1,113  | 8.8                         | 420+0.03               | 424+0.583              | 0+00 | 238+66 | 23,866    | 4.520   |
| 9            | F                      | Burleson   | FM 166     | 0955-01-033                | SH 36                                | FM 1362                           | 1,741     | 2,437  | 9.2                         | 600+0.085              | 606+1.686              | 0+00 | 397+16 | 39,716    | 7.522   |
| 10           | S                      | Freestone  |            | 0205-06-034                | Anderson County Line                 | Leon County Line                  | 6,847     | 9,586  | 25.0                        | 414+0.044              | 420+0.752              | 0+00 | 250+22 | 25,022    | 4.739   |
| 11           | F                      | Freestone  |            | 0459-01-081                | US 287                               | US 84                             | 2,178     | 3,049  | 7.7                         | 318-0.066              | 336+0.111              | 0+00 | 956+16 | 95,616    | 18.109  |
| 12           | S                      | Freestone  |            | 0612-03-015                | FM 27                                | US 84                             | 688       | 936    | 10.3                        | 618+1.822              | 360+1.511              | 0+00 | 408+51 | 40,851    | 7.737   |
| 13           | S                      | Freestone  |            | 1328-02-012                | FM 27                                | US 84                             | 416       | 582    | 9.9                         | 334-0.039              | 341+0.006              | 0+00 | 363+42 | 44,875    | 8.499   |
| 4            | S                      |            | FS 1366    | 1328-03-008                | FM 1366                              | End of Pavement                   | 149       | 209    | 9.4                         | 640-0.032              | 341+0.011              | 0+00 | 34+85  | 3,485     | 0.660   |
| 5            | S                      | Freestone  |            | 2131-01-030                | FM 488                               | FM 2570                           | 80        | 112    | 10.0                        | 626+1.645              | 630+0.248              | 0+00 | 136+96 | 13,696    | 2.594   |
| 6            | S                      |            | FM 2777    | 2826-01-007                | US 84                                | FM 1365                           | 199       | 279    | 7.0                         | 342-0.036              | 345+0.041              | 0+00 | 134+90 | 13,490    | 2.555   |
| .7           | S                      | Freestone  |            | 2848-01-007                | FM 488                               | 1.84 M1 S of FM 488               | 142       | 190    | 11.3                        | 324-0.038              | 326+0.047              | 0+00 | 97+15  | 9,715     | 1.840   |
| .8           | S                      | Freestone  |            | 2995-01-006                | SH 80                                | SH 75                             | 141       | 243    | 34.0                        | 617-0.555              | 617-0.037              | 0+00 | 26+93  | 2,693     | 0.510   |
| 9            | S                      |            | FM 1073    | 3252-01-006                | SH 75                                | End of Pavement                   | 35        | 49     | 8.6                         | 618-0.04               | 619+0.022              | 0+00 | 47+84  | 4,784     | 0.906   |
| ,<br>:Ø      | F                      | Grimes     | BS 6       | 0050-11-023                | SH 6                                 | SH 6                              | 8,800     | 12,320 | 4.0                         | 426+0.444              | 432+0.054              | 0+00 | 284+49 | 28,449    | 5.388   |
| 21           | S                      | Grimes     | SH 90      | 0315-03-068                | FM 149                               | 4 M1 S of FM 149                  | 7,833     | 10,496 | 8.0                         | 424+0.273              | 426+1.986              | 0+00 | 194+88 | 19,488    | 3.691   |
|              | S                      | Grimes     | SH 90      | 0315-04-085                | 4 M1 S of FM 149                     | SH 6 WFR ( Joint )                | 13,183    | 18,456 | 5.0                         | 432+0.776              | 426+1.738              | 0+00 | 257+88 | 25,788    | 4.884   |
| 22<br>23     | S                      | Grimes     | SH 105     | 0315-04-086                | Wood St                              | SH 6 WFR ( Joint )                | 11,375    | 15,925 | 5.2                         | 648+Ø.672              | 646+1.839              | 0+00 | 44+19  | 4,419     | Ø.837   |
| 23<br>24     | S                      | Grimes     | FM 1774    | 1400-01-032                | SH 90                                | SH 105                            | 2,317     | 2,873  | 5.1                         | 422+0.034              | 436+0.696              | 0+00 | 771+30 | 77,130    | 14.608  |
| 25           | S                      | Grimes     | SS 234     | 1516-01-009                | SH 105                               | End of State Maintenance          | 1,156     | 1,618  | 9.4                         | 432-0.002              | 433+0.011              | 0+00 | 23+28  | 2,328     | 0.441   |
| 26           | S                      | Grimes     |            | 1517-01-012                | SH 105                               | End of State Maintenance          | 570       | 798    | 15.1                        | 430-0.061              | 432+0.037              | 0+00 | 81+68  | 8,170     | 1.547   |
| 26           | S                      | Grimes     |            | 2336-01-012                | FM 1774                              | SH 105                            | 413       | 578    | 7.5                         | 426-0.036              | 432+0.037              | 0+00 | 317+54 | 31,754    | 6.014   |
| 27           | S                      | _          |            | 2849-01-014                | FM 1774                              | FM 1486                           | 594       | 725    | 8.1                         | 426-0.036<br>642-0.052 | 432+0.012<br>651+0.033 | 0+00 | 455+24 | 45,524    | 8.622   |
| 28           | S                      | Grimes     | SL 429     | 3065-01-006                | FM 1774<br>FM 149                    | FM 1486<br>FM 1774                | 594       | 725    | 8.1                         | 422-0.052              | 422+0.232              | 0+00 | 13+09  | 1,309     | 0.248   |
|              |                        | Grimes     | US 79      | 0205-05-052                |                                      | SH 75                             |           |        |                             | 420+0.753              |                        | 0+00 | 860+43 |           | 16.296  |
| 30           | S                      | Leon       |            |                            | Freestone County Line                |                                   | 6,847     | 9,586  | 25.0                        |                        | 438+0.459              |      | -      | 86,043    | 2.550   |
| 31           | S                      | Leon       | SH 164     | 0413-06-012<br>0612-02-010 | Freestone County Line                | SH 75                             | 1,999     | 2,799  | 23.8                        |                        | 634+0.435              | 0+00 | 134+64 | 13,464    |         |
| 32           | S                      | Leon       |            | 0612-02-010                | FM 1469                              | US 79                             | 657       | 920    | 17.7                        | 356+1.154              | 358+0.365              | 0+00 | 62+88  | 6,288     | 1.191   |
| 33           | S                      | Leon       | FM 39      | 0643-01-069                | US 79                                | SH 7                              | 2,201     | 3,081  | 9.7                         | 374+0.83               | 380+1.863              | 0+00 | 366+70 | 36,670    | 6.945   |
| 34           | S                      | Leon       | FM 832     | 1144-01-008                | US 79                                | 1.25 Mi S of US 79                | 156       | 218    | 27.6                        | 348-0.077              | 349+0.044              | 0+00 | 65+16  | 6,516     | 1.234   |
| 35           | S                      | Leon       | FM 1512    | 1458-01-016                | Limestone County Line                | FM 1469                           | 614       | 872    | 18.4                        | 348+1.934              | 356+1.154              | 0+00 | 436+81 | 43,681    | 8.273   |
|              |                        | Ē          |            |                            | · · ·                                | SUB TOTAL                         |           |        |                             |                        |                        |      |        | 1,021,709 | 193.503 |
| etere        | nce mark               | ers are to | r referend | ce purposes or             | ly. The project quantities are based | on the project limit stations sho | wn on the | statio | ns sheets                   | , not the ret          | erence mark            | ers. |        |           |         |
|              |                        |            |            |                            |                                      |                                   |           |        |                             |                        |                        |      |        |           | PROJ    |

PROJECT INFORMATION

|   |                      | SHEE     | T 01 OF 02 S⊢ | IEETS      |           |
|---|----------------------|----------|---------------|------------|-----------|
| I | FED. RD.<br>DIV. NO. | PROJECT  | NUMBER        | HIGHWAY    | NUMBER    |
| I | 6                    | F 202    | 5(135)        | BS 6S      | , ETC.    |
| I | STATE                | DISTRICT |               | COUNTY     |           |
| I | TEXAS                | BRY      | G             | RIMES, ETC | <u>).</u> |
| I | CONTROL              | SECTION  | JC            | ЭB         | SHEET NO. |
|   | 0050                 | 11       | 023,          | ETC.       | 19        |

|                    | 1                      | 1         |           | T           |                                    | PROJECT LIMITS          |        |        | 1                           |           |           | 1    |         | 1         |         |
|--------------------|------------------------|-----------|-----------|-------------|------------------------------------|-------------------------|--------|--------|-----------------------------|-----------|-----------|------|---------|-----------|---------|
| LOCATION<br>NUMBER | FEDERAL<br>OR<br>STATE | COUNTY    | HIGHWAY   | CSJ         | PROJECT                            | LIMITS                  | A      | DT     | PERCENT<br>TRUCK<br>TRAFFIC | REFERENCE | MARKERS** | STA  | NTION   | PROJECT   | LENGTH  |
|                    |                        |           |           |             | FROM                               | ТО                      | 2020   | 2040   | %.                          | BEGIN     | END       | FROM | TO      | FT        | MI      |
| 36                 | S                      | Leon      | FM 1848   | 2948-03-009 | Freestone County Line              | US 79                   | 574    | 8Ø4    | 24.7                        | 352+0.022 | 354+0.097 | 0+00 | 109+45  | 10,945    | 2.073   |
| 37                 | S                      | Leon      | FM 745    | 3282-01-009 | 0.44 M1 W of SH 75                 | SH 75                   | 579    | 811    | 8.8                         | 633+0.025 | 633+0.395 | 0+00 | 23+23   | 2,323     | 0.440   |
| 38                 | S                      | Madıson   | SH 21     | 0117-05-061 | IH 45                              | FM 247                  | 5,633  | 7,886  | 17.4                        | 682-0.974 | 688+1.891 | 0+00 | 464+90  | 46,490    | 8.805   |
| 39                 | S                      | Madıson   | FM 247    | 0578-01-033 | SH 21                              | Walker County Line      | 797    | 1,116  | 8.8                         | 382-0.001 | 390+1.583 | 0+00 | 500+65  | 50,065    | 9.482   |
| 40                 | S                      | Madıson   | FM 2158   | 2027-01-014 | SH 21                              | FM 1428                 | 124    | 174    | 30.6                        | 384+0.002 | 389+0.046 | 0+00 | 262+36  | 26,236    | 4.969   |
| 41                 | S                      | Madıson   | FM 2548   | 2548-01-014 | SH 21                              | SH 21                   | 193    | 27Ø    | 11.4                        | 654-0.021 | 661+0.014 | 0+00 | 347+74  | 34,774    | 6.586   |
| 42                 | S                      | Mılam     | SH 36     | 0186-01-026 | US 79                              | Burleson County Line    | 6,212  | 8,697  | 25.6                        | 523-0.043 | 530+0.002 | 0+00 | 315+85  | 31,585    | 5.982   |
| 43                 | S                      | Mılam     | FM 1963   | 0209-08-010 | Falls County LIne                  | US 77                   | 481    | 849    | 15.2                        | 391+0.022 | 388+1.679 | 0+00 | 57+76   | 5,776     | 1.094   |
| 44                 | S                      | Mılam     | FM 486    | 0337-05-051 | US 19Ø                             | FM 487                  | 1,055  | 1,477  | 9.5                         | 496+0.008 | 504+0.186 | 0+00 | 428+16  | 42,816    | 8.109   |
| 45                 | S                      | Mılam     | FM 487    | 0858-01-039 | FM 437                             | FM 1712                 | 978    | 1,369  | 9.3                         | 568+1.65  | 588+0.962 | 0+00 | 1018+51 | 101,851   | 19.290  |
| 46                 | F                      | Mılam     | FM 908    | 0858-02-025 | US 79                              | US 77                   | 1,453  | 2,034  | 14.4                        | 580+0.613 | 582+0.091 | 0+00 | 75+40   | 7,540     | 1.428   |
| 47                 | S                      | Mılam     | FM 3242   | 2028-01-014 | FM 2095                            | US 79                   | 31Ø    | 434    | 11.6                        | 402-0.043 | 409+0.001 | 0+00 | 387+29  | 38,729    | 7.335   |
| 48                 | F                      | Robertsor | SH 6      | 0049-06-085 | Falls County LIne                  | FM 979                  | 10957  | 15340  | 3Ø                          | 542+0.039 | 554+0.645 | 0+00 | 666+34  | 65,652    | 12.43   |
| 49                 | S                      | Walker    | US 190    | 0213-01-049 | SH 30 (250' East of Sycamore Ave ) | San Jacınto County Line | 11,729 | 17,605 | 12.4                        | 742+2.862 | 756+0.034 | 0+00 | 68Ø+22  | 68,022    | 12.883  |
| 50                 | S                      | Walker    | FM 230    | 0475-07-016 | Houston County Line                | Trinity County Line     | 930    | 1,302  | 8.4                         | 394+0.243 | 402+1.74  | 0+00 | 492+25  | 49,225    | 9.323   |
| 51                 | F                      | Walker    | FM 247    | 0578-02-049 | Madıson County Line                | FM 980                  | 3,323  | 4,652  | 5.4                         | 390+1.657 | 404+1.751 | 0+00 | 722+46  | 72,246    | 13.683  |
| 52                 | S                      | Walker    | FM 2989   | 2565-01-005 | SH 75                              | IH 45 EFR               | 471    | 584    | 16.1                        | 645-0.039 | 654+0.217 | 0+00 | 12+30   | 1,230     | Ø.233   |
| 53                 | S                      | Walker    | FM 2989   | 2565-02-010 | IH 45 EFR                          | FM 247                  | 432    | 544    | 16.4                        | 654+0.41  | 658+1.987 | Ø+ØØ | 314+11  | 31,411    | 5.949   |
| 54                 | S I                    | ashingtor | r FM 912  | 0315-12-018 | SH 105                             | FM 1155                 | 307    | 430    | 8.1                         | 628+0.005 | 631+0.005 | Ø+ØØ | 153+38  | 15,338    | 2.905   |
| 55                 | S I                    | ashingtor | FM 2447   | 1299-01-041 | US 290                             | 6.6 M1 E of FM 1155     | 1,142  | 1,599  | 5.6                         | 444+0.025 | 452+0.268 | 0+00 | 429+84  | 42,984    | 8.141   |
| 56                 | S I                    | ashingtor | r FM 1155 | 1405-04-028 | FM 2193                            | FM 2447                 | 1,543  | 2,160  | 20.3                        | 444+1.265 | 452+0.531 | 0+00 | 377+47  | 37,747    | 7.149   |
| 57                 | S I                    | ashingtor | FM 577    | 2447-01-034 | SH 36 N                            | US 290                  | 5,411  | 7,575  | 26.4                        | 442+0.412 | 446+1.866 | 0+00 | 242+40  | 24,240    | 4.591   |
|                    |                        |           |           |             |                                    | SUB TOTAL               |        |        |                             |           |           |      |         | 807,225   | 152.884 |
|                    |                        |           |           |             |                                    | TOTAL                   |        |        |                             |           |           |      |         | 1,828,934 | 346.38  |

\*\*Reference markers are for reference purposes only. The project quantities are based on the project limit stations shown on the stations, not the reference markers.



|                    |           |         |                                  |      |        |           | SURFACE                         | AREA SUMM | IARY   |          |           |             |            |         |           |           |   |
|--------------------|-----------|---------|----------------------------------|------|--------|-----------|---------------------------------|-----------|--------|----------|-----------|-------------|------------|---------|-----------|-----------|---|
|                    |           |         |                                  |      |        |           |                                 |           |        |          |           |             | I          | TEM 316 |           |           | -   |
|                    |           |         |                                  |      |        |           | INTERSECTIONS                   |           |        |          | 70        | 023         | 7134       | 72Ø8    | 7241      | 7245      | ]   |
|                    |           |         |                                  | STA  | TION   | ROADWAY   | RAMPS                           | TOTAL     | AGGR   | SAC      | AS        | SPH         | AGGR       | AGGR    | AGGR      | AGGR      |   |
| LOCATION<br>NUMBER | COUNTY    | HIGHWAY | CSJ                              | JIH  |        | NORDWHI   | AND                             | TOTAL     | GRADE  | JAC      |           |             | (TY-PB,    | (TY-PB, | (TY-PB OR | (TY-PB OR |   |
|                    |           |         |                                  |      |        |           | TURNOUTS                        |           |        |          | AC-2      | 0-5TR       | GR-3)      | GR-3)   | PL, GR-4) | PL, GR-4) |   |
|                    |           |         |                                  |      |        |           |                                 |           |        |          |           |             | (SAC-A)    | (SAC-B) | (SAC-A)   | (SAC-B)   |   |
|                    |           |         |                                  | FROM | TO     | SY        | SY                              | SY        | 3 OR 4 | A OR B   | GAL       | TON         | CY         | CY      | CY        | CY        | ,   |
| 1                  | Brazos    | FM 2154 | 0540-04-093                      | 0+00 | 637+72 | 212,573   | 3,473                           | 216,046   | 4      | A        | 108,023   | 463.24      |            |         | 1,662     |           | -   |
| 2                  | Brazos    | FM 159  | 0540-05-055                      | 0+00 | 286+55 | 95,517    | 3,631                           | 99,148    | 4      | A        | 49,574    | 212.59      |            |         | 763       |           | _   |
| 3                  | Brazos    | FM 2038 | 1316-02-018                      | 0+00 | 308+30 | 93,654    | 2,395                           | 96,049    | 4      | В        | 48,025    | 205.94      |            |         |           | 739       |   |
| 4                  | Brazos    | FM 974  | 1691-02-014                      | 0+00 | 314+48 | 97,838    | 1,923                           | 99,761    | 4      | A        | 49,881    | 213.90      |            |         | 767       |           |   |
| 5                  | Brazos    | FM 974  | 1952-02-014                      | 0+00 | 302+91 | 80,776    | 1,130                           | 81,906    | 4      | A        | 40,953    | 175.62      |            |         | 630       |           |   |
| 6                  | Brazos    | FM 2776 | 2824-02-013                      | 0+00 | 263+21 | 87,737    | 1,805                           | 89,542    | 4      | A        | 44,771    | 191.99      |            |         | 689       |           | _   |
| 7                  | Burleson  | SH 21   | 0116-03-072                      | 0+00 | 699+34 | 540,156   | 22,577                          | 562,733   | 4      | A        | 281,367   | 1206.58     |            |         | 4,329     |           | _   |
| 8                  | Burleson  | FM 2039 | 0833-13-018                      | 0+00 | 238+66 | 76,902    | 1,787                           | 78,689    | 4      | В        | 39,345    | 168.72      |            |         |           | 605       |   |
| 9                  | Burleson  | FM 166  | 0955-01-033                      | 0+00 | 397+16 | 136,800   | 3,461                           | 140,261   | 4      | A        | 70,131    | 300.74      |            |         | 1,079     |           |   |
| 10                 | Freestone | US 79   | 0205-06-034                      | 0+00 | 250+22 | 214,077   | 624                             | 214,701   | 4      | A        | 107,351   | 460.35      |            |         | 1,652     |           | -   |
| 11                 | Freestone | FM 488  | 0459-01-081                      | 0+00 | 956+16 | 163,098   | 10,911                          | 174,009   | 4      | A        | 87,005    | 373.10      |            |         | 1,339     |           |   |
| 12                 | Freestone | FM 80   | 0612-03-015                      | 0+00 | 408+51 | 118,014   | 3,472                           | 121,486   | 4      | В        | 60,743    | 260.48      |            |         |           | 935       |   |
| 13                 | Freestone | FM 1366 | 1328-02-012                      | 0+00 | 363+42 | 138,939   | 1,352                           | 140,291   | 4      | В        | 70,146    | 300.81      |            |         |           | 1,079     |   |
| 14                 | Freestone | FS 1366 | 1328-03-008                      | 0+00 | 34+85  | 8,519     | 446                             | 8,965     | 4      | В        | 4,483     | 19.22       |            |         |           | 69        |   |
| 15                 | Freestone | FM 833  | 2131-01-030                      | 0+00 | 136+96 | 42,610    | 200                             | 42,810    | 4      | В        | 21,405    | 91.79       |            |         |           | 329       | ]   |
| 16                 | Freestone | FM 2777 | 2826-01-007                      | 0+00 | 134+90 | 44,967    | 456                             | 45,423    | 4      | В        | 22,712    | 97.39       |            |         |           | 349       |   |
| 17                 | Freestone | FM 1124 | 2848-01-007                      | 0+00 | 97+15  | 28,878    | 292                             | 29,170    | 4      | В        | 14,585    | 62.54       |            |         |           | 224       |   |
| 18                 | Freestone | SS 114  | 2995-01-006                      | 0+00 | 26+93  | 10,473    | 71                              | 10,544    | 3      | В        | 5,272     | 22.61       |            | 92      |           |           |   |
| 19                 | Freestone | FM 1073 | 3252-01-006                      | 0+00 | 47+84  | 12,757    | 8                               | 12,765    | 4      | В        | 6,383     | 27.37       |            |         |           | 98        | ]   |
| 20                 | Grimes    | BS 6    | 0050-11-023                      | 0+00 | 278+94 | 126,926   | 9,974                           | 136,900   | 4      | В        | 68,450    | 293.53      |            |         |           | 1,053     |   |
| 21                 | Grimes    | SH 90   | 0315-03-068                      | 0+00 | 194+88 | 97,440    | 1,889                           | 99,329    | 4      | В        | 49,665    | 212.98      |            |         |           | 764       | ]   |
| 22                 | Grimes    | SH 90   | 0315-04-085                      | 0+00 | 257+88 | 141,431   | 3,230                           | 144,661   | 4      | A        | 72,331    | 310.18      |            |         | 1,113     |           | ]   |
| 23                 | Grimes    | SH 105  | 0315-04-086                      | 0+00 | 44+19  | 21,604    | 1,298                           | 22,902    | 4      | A        | 11,451    | 49.11       |            |         | 176       |           |   |
| 24                 | Grimes    | FM 1774 | 1400-01-032                      | 0+00 | 771+30 | 255,092   | 3,880                           | 258,972   | 4      | A        | 129,486   | 555.28      |            |         | 1,992     |           |   |
| 25                 | Grimes    | SS 234  | 1516-01-009                      | 0+00 | 23+28  | 6,4Ø8     | 172                             | 6,580     | 4      | A        | 3,290     | 14.11       |            |         | 51        |           |   |
| 26                 | Grimes    | FM 1748 | 1517-01-012                      | 0+00 | 81+68  | 24,924    | 8                               | 24,932    | 3      | A        | 12,466    | 53.46       | 217        |         |           |           |   |
| 27                 | Grimes    | FM 2445 | 2336-01-010                      | 0+00 | 317+54 | 94,944    | 1,611                           | 96,555    | 4      | В        | 48,278    | 207.03      |            |         |           | 743       |   |
| 28                 | Grimes    | FM 2819 | 2849-01-014                      | 0+00 | 455+24 | 131,514   | 1,632                           | 133,146   | 4      | В        | 66,573    | 285.49      |            |         |           | 1,024     | ]   |
| 29                 | Grimes    | SL 429  | 3065-01-006                      | 0+00 | 13+09  | 8,145     | 395                             | 8,540     | 4      | В        | 4,270     | 18.31       |            |         |           | 66        | ]   |
| 30                 | Leon      | US 79   | 0205-05-052                      | 0+00 | 860+43 | 472,050   | 7,430                           | 479,480   | 4      | В        | 239,740   | 1028.08     |            |         |           | 3,688     |   |
| 31                 | Leon      | SH 164  | 0413-06-012                      | 0+00 | 134+64 | 43,384    | 805                             | 44,189    | 4      | A        | 22,095    | 94.75       |            |         | 340       |           |   |
| 32                 | Leon      | FM 1512 | 0612-02-010                      | 0+00 | 62+88  | 18,864    | 569                             | 19,433    | 3      | A        | 9,717     | 41.67       | 169        |         |           |           |   |
| 33                 | Leon      | FM 39   | 0643-01-069                      | 0+00 | 366+7Ø | 134,457   | 2,119                           | 136,576   | 4      | В        | 68,288    | 292.84      |            |         |           | 1,051     |   |
| 34                 | Leon      | FM 832  | 1144-01-008                      | 0+00 | 65+16  | 18,824    | 132                             | 18,956    | 3      | A        | 9,478     | 40.64       | 165        |         |           |           | ]   |
| 35                 | Leon      | FM 1512 | 1458-01-016                      | 0+00 | 436+81 | 131,043   | 2,025                           | 133,068   | 3      | В        | 66,534    | 285.32      |            | 1,157   |           |           | PRINT DATE REVISION DATE \$DATE\$   |
|                    | ·         | SUB TC  | )TAL                             |      |        | 3,931,335 | 97,183                          | 4,028,518 | -      | -        | 2,014,259 | 8637.76     | 551        | 1,249   | 16,582    | 12,816    |   |
|                    |           |         | ASPHALT AT 0.5<br>ASPHALT AT 0.3 |      |        |           | RAVITY OF ASPI<br>MATED AT 1.03 |           | 8      | 8.576604 |           | (RATE * (\$ | SGA) * SY) | / 2000  |           |           | Texas Department<br>of Transportation<br>Bryan District   |
|                    |           |         |                                  |      |        |           |                                 |           |        |          |           |             |            |         |           |           | SHEET 01 OF 02 SHEETS           PROJECT NUMBER         HIGHWAY NUMBER           0         PROJECT NUMBER         HIGHWAY NUMBER           6         F 2025(135)         BS 6S, ETC.           STATE         DISTRICT         COUNTY |
|                    |           |         |                                  |      |        |           |                                 |           |        |          |           |             |            |         |           |           | TEXAS         BRY         GRIMES, ETC.           CONTROL         SECTION         JOB         SHEET NO.  |
|                    |           |         |                                  |      |        |           |                                 |           |        |          |           |             |            |         |           |           | 0050 11 023, ETC. 21  |
|                    |           |         |                                  |      |        |           |                                 |           |        |          |           |             |            |         |           |           |   |

27-2024 FILENAME: G:005011\023\AC-Asphalt Design\01 DISTRI

| HIGHWAY         FRM         COUNTY         HIGHWAY         CSJ         STATION         STATION         INTERSECTION<br>RAMPS         AND<br>AND         TOTAL         AGGR<br>GRAPS         AGGR<br>AGG         AGGR<br>AGGR         AGGR         <   |
|---|
| Index         Highway         Free   |
| NTDR         COUNTY         HIGHWAY         CSJ         STATION         STATION         ROADWAY         AND<br>TURNOUTS         TOTAL<br>COUNTY         GRAD         AND<br>AC-20-5TR         GRAD         (TY-PB,<br>CR-3)         (TY-PB, CR-4)         (TY-PB, CR-4)         (FY, PB, CR-4)   |
| BER         Ooder H         Industry         Free         Free         TURNOUTS         A         A         C-20-5TR         GR-31         GR-31 <thg< th=""></thg<>  |
| here         Free         Free         TURNOUTS         here         AC-20-5TR         GR-31  |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$   |
| 6       Leon       FM 1848       2948-03-009       0+00       109+45       31,619       845       32,464       3       B       16,232       69,61       282       1       43         7       Leon       FM 745       3282-01-009       0+00       23+23       5,162       419       5,581       4       B       2,791       11.97       1       1       1       43         8       Madison       SH 21       0117-05-061       0+00       464+90       299,602       4,510       304,112       4       B       152,056       652,06       1       644.90       2,33         9       Madison       FM 247       0578-01-033       0+00       500+65       166,883       3,310       170,193       4       B       85,097       364.92       1       1       1.00       1.00       1.30         0       Madison       FM 247       0578-01-033       0+00       262+36       72,878       960       73,838       3       A       36,919       158.32       642       1       100       1.30         1       Madison       FM 2548       2548-01-04       0+00       317+74       96,594       1,562       98,156       4 <td< th=""></td<>  |
| Image: Normal Section       Section       9 (0)       23+23       5,162       419       5,581       4       B       2,791       11.97       Image: Normal Section       43         8       Madison       SH 21       0117-05-061       0+00       464+90       299,602       4,510       304,112       4       B       152,056       652.06       Image: Normal Section       2,333         9       Madison       FM 247       0578-01-033       0+00       500+65       166,883       3,310       170,193       4       B       85,097       364.92       Image: Normal Section       Normal Section </th  |
| 8       Madison       SH 21       0117-05-061       0+00       464+90       299,602       4,510       304,112       4       B       152,056       652.06       1       6       2,33         9       Madison       FM 247       0578-01-033       0+00       500+65       166,883       3,310       170,193       4       B       85,097       364.92       1       642       1,30         0       Madison       FM 2158       2027-01-014       0+00       262+36       72,878       960       73,838       3       A       36,919       158.32       642       1 <t< th=""></t<>   |
| 9       Madison       FM 247       0578-01-033       0+00       500+65       166,883       3,310       170,193       4       B       85,097       364.92  |
| Madison       FM 2158       2027-01-014       0+00       262+36       72.878       960       73,838       3       A       36,919       158.32       643       643       643       643       643       644       643       644       643       644       643       644       643       644       643       643       644       643       643       643       644       643       644       643       644       643       644       644       644       644       644       644   |
| Madison       FM 2548       2548-01-014       0+00       347+74       96,594       1,562       98,156       4       B       49,078       210.46       Image: Constraint of the cons |
| 2       M11am       SH 36       Ø186-Ø1-Ø26       Ø+ØØ       315+85       164,793       2,4Ø3       167,196       4       B       83,598       358.49          1,28         3       M11am       FM 1963       Ø2Ø9-Ø8-Ø10       Ø+ØØ       57+76       21,179       1,351       22,530       3       B       11,265       48.31       196         964         4       M11am       FM 486       0337-05-051       Ø+ØØ       428+16       123,691       1,648       125,339       4       A       62,670       268.75         964       3,03         5       M11am       FM 487       Ø858-01-039       Ø+ØØ       1018+51       384,770       9,905       394,675       4       B       197,338       846.24          3,03         6       M11am       FM 9Ø8       Ø858-02-025       Ø+ØØ       75+4Ø       19,579       2,425       22,004       4       A       11,002       47.18        169       3,03         7       M11am       FM 3242       2028-01-014       Ø+ØØ       387+29       111,884       2,001       113,885       4       <   |
| 3       M1lam       FM 1963       0209-08-010       0+00       57+76       21,179       1,351       22,530       3       B       11,265       48.31       196       196       196       196         4       M1lam       FM 486       0337-05-051       0+00       428+16       123,691       1,648       125,339       4       A       62,670       268.75       0       0       964       964       964       964       964       964       3,03       3       8       197,338       846.24       0       0       169       3,03       3,03       3       0       1,002       47.18       0       169       3,03       3,03       3       0       0       100       100       100       3,03       3       0       0       100       100       3,03       3       0       0       11,002       47.18       0       0       0       3,03       3       0       0       100       100       100       100       3,03       3       0       0       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100 <t< th=""></t<>   |
| 4       M1lam       FM 486       Ø337-Ø5-Ø51       Ø+ØØ       428+16       123,691       1,648       125,339       4       A       62,67Ø       268.75       964       964         5       M1lam       FM 487       Ø858-01-039       Ø+ØØ       1018+51       384,77Ø       9,905       394,675       4       B       197,338       846.24       964       3,03         6       M1lam       FM 908       Ø858-02-025       Ø+ØØ       75+4Ø       19,579       2,425       22,004       4       A       11,002       47.18       169       <   |
| 5       M1lam       FM 487       Ø858-01-039       Ø+00       1018+51       384,770       9,905       394,675       4       B       197,338       846.24       Image: Constraint of the state of th          |
| 6       M1lam       FM 908       0858-02-025       0+00       75+40       19,579       2,425       22,004       4       A       11,002       47.18       169       169         7       M1lam       FM 3242       2028-01-014       0+00       387+29       111,884       2,001       113,885       4       A       56,943       244.19       876  |
| 7       M1lam       FM 3242       2028-01-014       0+00       387+29       111,884       2,001       113,885       4       A       56,943       244.19       876   |
|   |
| 8 Robertson SH 6 0049-06-085 0+00 666+34 948,434 21867 970,301 4 B 485,151 2080.47 7,46   |
|   |
| 9       Walker       US 190       0213-01-049       0+00       680+22       413,841       11,293       425,134       4       B       212,567       911.55       3,27  |
| Ø         Walker         FM 230         Ø475-07-016         Ø+00         492+25         177,449         3,002         180,451         4         A         90,226         386.91         1,388   |
| Walker     FM 247     Ø578-02-049     Ø+0Ø     722+46     229,481     6,0Ø5     235,486     4     A     117,743     504.92     1,811  |
| 2         Walker         FM 2989         2565-01-005         0+00         12+30         3,690         0         3,690         3         B         1,845         7.91         32   |
| 3       Walker       FM 2989       2565-02-010       0+00       314+11       90,743       746       91,489       3       A       45,745       196.17       796         4       V       V       State  |
| 4       Washington       FM 912       Ø315-12-018       Ø+00       153+38       51,127       847       51,974       4       B       25,987       111.44       400         5       Washington       FM 2447       1299-01-041       Ø+00       429+84       120,950       2,645       123,595       4       B       61,798       265.01       951  |
|   |
| 6       Washington       FM 1155       1405-04-028       0+00       377+47       145,154       4,180       149,334       4       B       74,667       320.19       10       1,14         7       Washington       FM 577       2447-01-034       0+00       242+40       127,719       9,435       137,154       4       A       68,577       294.08       1,055  |
| SUB TOTAL         3,807,222         91,359         3,898,581         -         -         1,949,291         8359.15         1,438         510         6,263         22,01  |
| TOTAL       7,738,557       188,542       7,927,099       -       3,963,550       16996.91       1,989       1,759       22,845       34,8  |
| AGGREGATES AT 115 SY/CY AND ASPHALT AT 0.50 GAL/SY       SPECIFIC GRAVITY OF ASPHALT       TONS = (RATE * (SGA) * SY) / 2000  |
| AGGREGATES AT 130 SY/CY AND ASPHALT AT 0.38 GAL/SY (SGA) ESTIMATED AT 1.03 * 8.3268 8.576604  |

|         |                      |             |               |                 |          |          |          |          |             |         | PAVEME | INT MARKI | NGS AND | MARKERS | SUMMARY             |           |          |          |          |            |           |            |          |          |           |             |
|---------|----------------------|-------------|---------------|-----------------|----------|----------|----------|----------|-------------|---------|--------|-----------|---------|---------|---------------------|-----------|----------|----------|----------|------------|-----------|------------|----------|----------|-----------|-------------|
| OCATION |                      |             | ITEM 662      |                 |          |          |          |          | ITEN        | 1 666   |        |           |         |         | ITEM 677            |           | ITEM 668 |          |          |            |           |            | ITEM 672 |          |           | ITEM 668    |
|         |                      |             | 7112          | 7114            | 7Ø18     | 7024     | 7030     | 7Ø33     | 7Ø36        | 7090    | 7172   | 7175      | 7211    | 7213    | 7001                | 7068      | 7091     | 7093     | 7103     | 71Ø8       | 711Ø      | 7111       | 7002     | 7004     | 7006      | 7001        |
|         |                      |             | WK ZN         | PAV MRK         | REFL     |          |          | / MRK TY | I           |         |        | RE PM     | TY II   |         | ELIM                | PRE PM    |          | •        | PREFAB   | PAV MRK    |           | •          | REF      | L PAV MF | RKR       | PRFB        |
|         | HIGHWAY              | CSJ         | SHT TRM       | SHT TRM         | (W)8"    | (W)8"    | (W)12"   | (W)18"   | (W)24"      | (W)     | (W)    | (W)       | (Y)     | (Y)     | EXT PM              | TY B      | TY C     | TYC      | TY C     | TYC        | TYC       | TYC        |          |          |           | RUMBLE      |
|         |                      |             | (TAB)<br>TY W | (TAB)<br>TY Y-2 | (DOT)    | (SLD)    | (SLD)    | (SLD)    | (SLD)       | 36"     | 6"     | 6"        | 6"      | 6"      | & MRKS              | (BL&WH)   | (W)      | (W)(DBL  | (W)      | (W)        | (W) 18"   | (W) 36"    | TY I-C T | Y II-A-A | TY II-C-R | (BLK)(4'    |
|         |                      |             |               |                 | (100MIL) | (100MIL) | (100MIL) | (100MIL) | (100MIL)    | YLD TRI | (BRK)  | (SLD)     | (BRK)   | (SLD)   | (4")                | (ACC PRK) | (ARROW)  | ARROW)   | (WORD)   | (RR XING)  | (YLD TRI) | (YLD TRI)  |          |          |           | (TRANSVEF   |
|         |                      |             | EA            | EA              | LF       | LF       | LF       | LF       | LF          | EA      | LF     | LF        | LF      | LF      | LF                  | EA        | EA       | EA       | EA       | EA         | ea        |            | EA       | EA       | EA        | LF          |
| 1       | FM 2154              | 0540-04-093 | 26            | 1521            |          |          |          |          |             |         |        | 121651    | 13937   | 35307   | 121651              |           | 4        |          | 1        |            |           |            | 51       | 1147     |           |             |
| 2       | FM 159               | 0540-05-055 |               | 687             |          |          |          |          |             |         |        | 54914     | 2649    | 43579   | 101142              |           |          |          |          | 1          |           |            |          | 697      |           |             |
| 3       | FM 2038              | 1316-02-018 |               | 730             |          |          |          |          | 12          |         |        | 58396     | 5389    | 27625   |                     |           |          |          |          |            |           |            |          | 636      |           |             |
| 4       | FM 974               | 1691-02-014 |               | 783             |          |          |          |          |             |         |        | 62620     | 6226    | 29441   | 98287               |           |          |          |          |            |           |            |          | 682      |           |             |
| 5       | FM 974               | 1952-02-014 |               | 667             |          |          |          |          | 12          |         |        | 53328     | 4971    | 25402   | 837Ø1               |           |          |          |          |            |           |            |          | 566      |           |             |
| 6       | FM 2776              | 2824-02-013 | 4             | 413             | 40       |          |          |          |             |         |        | 32809     | 3884    | 11352   | 48045               |           |          |          |          |            |           |            | 3        | 461      | 0.7.0     |             |
| 7       | SH 21                | 0116-03-072 | 3750          | 1928            |          |          |          |          | 144         |         | 34043  | 113435    | 4971    | 141398  |                     |           | 100      |          | 75       |            |           | 272        | 37542    | 1702     | 272       |             |
| 8       | FM 2039              | 0833-13-018 |               | 596             |          |          |          |          |             |         |        | 47657     | 3280    | 31448   | 82385               |           |          |          |          |            |           |            |          | 559      |           |             |
| 9       | FM 166               | 0955-01-033 |               | 999             |          |          |          |          | 12          |         |        | 79886     | 2410    | 69823   | 152119              |           |          |          |          |            |           |            |          | 996      |           |             |
| 1Ø      | US 79                | 0205-06-034 | 302           | 674             |          |          |          |          | 48          |         | 2772   | 50043     | 2934    | 38122   |                     |           | 3        |          | 2        |            |           |            | 187      | 549      |           |             |
| 11      | FM 488               | 0459-01-081 |               | 2393            |          |          |          |          | 12          |         |        | 191389    | 19772   | 74506   | 142834              |           |          |          |          |            |           |            |          | 1918     |           |             |
| 12      | FM 80                | 0612-03-015 |               | 1026            |          |          |          |          | 12          |         |        | 82030     | 9390    | 27736   | 119156              |           |          |          |          |            |           |            |          | 816      |           |             |
| 13      | FM 1366              | 1328-02-012 |               | 912             |          |          |          | 1        | 12          |         |        | 72927     | 6349    | 4Ø366   | 119642              |           |          |          |          | 1          |           |            |          | 825      |           |             |
| 14      | FS 1366              | 1328-03-008 |               | 88              |          |          |          |          | 16          |         |        |           | 71Ø     | 2424    | 3134                |           |          |          |          |            |           |            |          | 66       |           |             |
| 15      | FM 833               | 2131-01-030 |               | 343             |          |          |          |          | 12          |         |        | 27392     | 2019    | 18496   | 47907               |           |          |          |          |            |           |            |          | 333      |           |             |
| 16      | FM 2777              | 2826-01-007 |               | 338             |          |          |          |          | 24          |         |        | 26980     | 2851    | 9926    |                     |           |          |          |          |            |           |            |          | 267      |           | 160         |
| 17      | FM 1124              | 2848-01-007 |               | 242             |          |          |          |          |             |         |        | 19356     | 1710    | 10021   | 31087               |           |          |          |          |            |           |            |          | 210      |           |             |
| 18      | SS 114               | 2995-01-006 | 2             | 78              |          |          |          |          |             |         |        | 6230      | 521     | 3590    |                     |           |          |          |          |            |           |            | 4        | 70       |           |             |
| 19      | FM 1073              | 3252-01-006 |               | 120             |          |          |          |          | 12          |         |        | 0100      | 363     | 7350    | 7713                |           |          |          |          |            |           |            |          | 110      |           |             |
| 20      | BS 6                 | 0050-11-023 | 18            | 697             |          |          |          |          | 732         |         |        | 39251     | 4262    | 30312   |                     |           | 4        | 4        | 4        | 2          |           |            | 34       | 582      |           |             |
| 21      | SH 90                | 0315-03-068 |               | 334             |          |          |          |          | 10          |         |        | 26674     | 2707    | 11959   |                     |           |          |          |          | -          |           |            |          | 287      |           |             |
| 22      | SH 90                | 0315-04-085 | 42            | 704             |          |          |          |          | 35          |         |        | 52842     | 2,0,    | 40186   |                     |           | 9        |          |          |            |           |            | 83       | 597      |           |             |
| 23      | SH 105               | 0315-04-086 |               | 222             |          |          |          |          | 364         |         |        | 02012     | 2212    | 8849    |                     |           | 5        |          |          |            |           |            |          | 111      |           |             |
| 24      | FM 1774              | 1400-01-032 | 20            | 1925            |          |          |          |          | 24          |         |        | 153890    | 8224    | 117997  | 280111              |           | 4        |          | 3        |            |           |            | 40       | 1836     |           |             |
| 25      | SS 234               | 1516-01-009 |               | 56              |          |          |          | +        | 24          |         |        | 4435      |         | 4435    | 200111              |           |          | 1        |          | 2          |           |            |          | 56       |           |             |
| 26      | FM 1748              | 1517-01-012 |               | 201             |          |          |          |          | 72          |         |        | 16072     |         | 16072   | 32144               |           |          |          |          | 4          |           |            |          | 203      |           |             |
| 27      | FM 2445              | 2336-01-010 |               | 802             |          |          |          |          | , 2         |         |        | 64088     | 4163    | 42810   | 111061              |           |          |          |          | <u> </u> ' |           |            |          | 711      |           |             |
| 28      | FM 2819              | 2849-01-014 |               | 1139            |          |          |          |          |             |         |        | 91048     | 6494    | 58935   | 156477              |           |          |          |          |            |           |            |          | 1059     |           |             |
| 29      | SL 429               | 3065-01-006 |               | 28              |          |          |          |          | 12          |         |        | 1040      |         | 2165    | 130477              |           | 4        | 2        |          |            |           |            |          | 31       |           |             |
| 30      | US 79                | 0205-05-052 |               | 2449            | 1016     | 4066     |          |          | 96          |         | 4260   | 172117    | 9449    | 156314  |                     |           | 8        | <u> </u> | 2        |            |           |            | 297      | 2039     |           |             |
| 31      | SH 164               | Ø413-06-012 | 520           | 150             | 1010     | 1200     |          |          | 12          |         | 1200   | 9282      | 1333    | 7524    | 9070                |           | 8        |          | <u> </u> |            |           |            | 2 , /    | 112      |           |             |
| 32      | FM 1512              | 0612-02-010 |               | 158             |          |          |          | +        | - 12        |         |        | 12576     | 904     | 6500    | 19980               |           |          |          |          | +          |           |            |          | 112      |           |             |
| 33      | FM 1312<br>FM 39     | 0643-01-069 |               | 917             |          |          |          | +        | 40          |         |        | 73339     | 7690    | 23269   | שטריד               |           |          |          |          | +          |           |            |          | 675      |           |             |
| 33      | FM 39<br>FM 832      | 1144-01-008 |               | 163             |          |          |          |          | 40          |         |        | 13031     | שרסו    | 13031   |                     |           |          |          |          |            |           |            |          | 163      |           |             |
|         |                      |             |               |                 |          |          |          |          | 50          |         |        |           | 2121    |         | 167252              |           |          |          |          | 1          |           | 273        |          | 1080     |           |             |
| 35      | FM 1512<br>SUB TOTAL | 1458-01-016 | 4,692         | 1093<br>25,576  |          | 4,066    | Ø        | 0        | 56<br>1,805 | 0       |        | 87373     | 2121    |         | 167353<br>1,934,998 | 0         | 149      | 6        | 87       | 10         | 0         | 273<br>545 | 38,241   |          | Ø         | 16 <b>O</b> |

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PRINT DATE \$DATE\$ REVISION DATE Texas Department of Transportation Bryan District  $\square$ PAVEMENT MARKING SUMMARY SHEET SHEET 01 OF 02 SHEETS FED. RD. DIV. NO. PROJECT NUMBER HIGHWAY NUMBER F 2025(135) BS 6S, ETC. 6 STATE DISTRICT COUNTY GRIMES, ETC. TEXAS BRY CONTROL SECTION JOB SHEET NO.

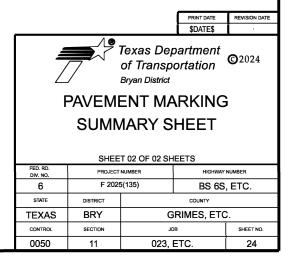
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|                   |           |             |               |         |              |          |          |          |          |         | PAVEME      | ENT MARKI | NGS AND | MARKERS           | SUMMARY   |           |         |         |        |           |           |           |               |             |          |           |
|-------------------|-----------|-------------|---------------|---------|--------------|----------|----------|----------|----------|---------|-------------|-----------|---------|-------------------|-----------|-----------|---------|---------|--------|-----------|-----------|-----------|---------------|-------------|----------|-----------|
|                   |           |             | ITEM 662      |         | ITEM 666     |          |          |          |          |         |             |           |         | ITEM 677 ITEM 668 |           |           |         |         |        |           |           | ITEM 672  |               |             | ITEM 668 |           |
|                   |           |             | 7112          | 7114    | 7Ø18         | 7024     | 7030     | 7Ø33     | 7Ø36     | 7090    | 7172        | 7175      | 7211    | 7213              | 7001      | 7Ø68      | 7091    | 7093    | 71Ø3   | 71Ø8      | 711Ø      | 7111      | 7002          | 7004        | 7006     | 7001      |
|                   |           |             | WK ZN PAV MRK |         | REFL PAV MRK |          |          |          | TYI      |         | RE PM TY II |           |         | ELIM              | PRE PM    | M PREFAB  |         | PAV MRK |        |           |           | RE        | REFL PAV MRKR |             | PRFB     |           |
| OCATION<br>NUMBER | HIGHWAY   | CSJ         | SHT TRM       | SHT TRM | (W)8"        | (W)8"    | (W)12"   | (W)18"   | (W)24"   | (W)     | (W)         | (W)       | (Y)     | (Y)               | EXT PM    | TY B      | TY C    | TY C    | TY C   | TY C      | TY C      | TYC       |               |             |          | RUMBLE    |
|                   |           |             | (TAB)         | (TAB)   | (DOT)        | (SLD)    | (SLD)    | (SLD)    | (SLD)    | 36"     | 6"          | 6"        | 6"      | 6"                | & MRKS    | (BL&WH)   | (W)     | (W)(DBL | (W)    | (W)       | (W) 18"   | (W) 36"   | TY I-C        | ΤΥ ΙΙ-Α-ΑΤΥ | ſ II-C-R | (BLK)(4   |
|                   |           |             | TY W          | TY Y-2  | (100MIL)     | (100MIL) | (100MIL) | (100MIL) | (100MIL) | YLD TRI | (BRK)       | (SLD)     | (BRK)   | (SLD)             | (4")      | (ACC PRK) | (ARROW) | ARROW)  | (WORD) | (RR XING) | (YLD TRI) | (YLD TRI) |               |             | (        | (TRANSVER |
|                   |           |             | EA            | EA      | LF           | LF       | LF       | LF       | LF       | EA      | LF          | LF        | LF      | LF                | LF        | EA        | EA      | EA      | EA     | EA        |           |           | EA            | EA          | EA       | LF        |
| 36                | FM 1848   | 2948-03-009 |               | 279     |              |          |          |          |          |         |             | 22302     | 1611    | 15565             | 34198     |           |         |         |        |           |           |           |               | 276         |          |           |
| 37                | FM 745    | 3282-01-009 |               | 53      |              |          |          |          | 12       |         |             | 4213      |         | 4213              |           |           |         |         |        |           |           |           |               | 53          |          |           |
| 38                | SH 21     | 0117-05-061 | 454           | 1159    |              |          |          |          |          |         | 3794        | 92452     | 4462    | 74353             |           |           | 2       |         | 2      |           |           |           | 336           | 1067        |          |           |
| 39                | FM 247    | 0578-01-033 |               | 1241    |              |          |          |          |          |         |             | 99274     | 5666    | 69712             | 174652    |           |         |         |        |           |           |           |               | 1163        |          |           |
| 40                | FM 2158   | 2027-01-014 |               | 656     |              |          |          |          | 12       |         |             | 52472     | 2845    | 38Ø27             |           |           |         |         | 2      |           |           |           |               | 617         |          |           |
| 41                | FM 2548   | 2548-01-014 |               | 870     |              |          |          |          | 12       |         |             | 69548     | 6161    | 32541             | 102705    |           |         |         |        |           |           |           |               | 716         |          |           |
| 42                | SH 36     | 0186-01-026 | 23            | 788     | 230          | 919      |          |          |          |         |             | 60846     | 6069    | 31400             | 37469     |           | 2       |         | 2      |           |           |           | 19            | 665         |          |           |
| 43                | FM 1963   | 0209-08-010 |               | 145     |              |          |          |          |          |         |             | 11552     | 216     | 10687             |           |           |         |         |        |           |           |           |               | 144         |          |           |
| 44                | FM 486    | 0337-05-051 |               | 1071    |              |          |          |          |          |         |             | 85609     | 7652    | 44062             | 137323    |           |         |         | 4      | 2         |           |           |               | 937         |          |           |
| 45                | FM 487    | 0858-01-039 |               | 2545    |              |          |          |          | 36       |         |             | 203781    | 18311   | 109761            | 331853    |           |         |         | 6      |           |           |           |               | 2289        |          | 80        |
| 46                | FM 908    | 0858-02-025 |               | 192     |              |          |          |          | 59       |         |             | 15280     | 990     | 10243             |           |           |         |         | 4      | 2         |           |           |               | 178         |          |           |
| 47                | FM 3242   | 2028-01-014 |               | 969     |              |          |          |          |          |         |             | 77457     | 6255    | 484Ø2             | 132114    |           |         |         | 2      |           |           |           |               | 920         |          |           |
| 48                | SH 6      | 0049-06-085 | 4279          | 1666    |              |          |          |          | 257      |         | 14707       | 133267    |         | 137217            |           |           | 63      |         |        |           |           | 409       | 6351          | 1667        |          |           |
| 49                | US 190    | 0213-01-049 | 431           | 1824    | 79           | 576      |          |          | 549      |         | 3062        | 122717    | 10739   | 105077            |           |           | 33      |         | 22     |           |           |           | 393           | 1639        |          |           |
| 50                | FM 230    | 0475-07-016 | 23            | 1232    |              |          |          |          | 86       |         |             | 98482     | 5773    | 75113             | 179368    |           | 2       |         |        |           |           |           | 45            | 1191        |          |           |
| 51                | FM 247    | 0578-02-049 |               | 1807    |              |          |          |          | 231      |         |             | 144503    | 10567   | 95146             | 250216    |           |         |         | 2      |           |           |           |               | 17Ø1        |          |           |
| 52                | FM 2989   | 2565-01-005 |               | 31      |              |          |          |          |          |         |             | 2428      |         | 2429              |           |           |         |         |        |           |           |           |               | 30          |          |           |
| 53                | FM 2989   | 2565-02-010 |               | 732     |              |          |          |          |          |         |             | 53813     | 2911    | 41760             |           |           |         |         | 2      |           |           |           |               | 722         |          |           |
| 54                | FM 912    | 0315-12-018 |               | 388     |              |          |          |          | 30       |         |             | 30993     | 2852    | 16838             | 50683     |           |         |         |        |           |           |           |               | 355         |          | 80        |
| 55                | FM 2447   | 1299-01-041 |               | 965     |              |          |          |          | 138      |         |             | 77183     | 4Ø81    | 55213             | 97408     |           |         |         |        |           |           |           |               | 894         |          |           |
| 56                | FM 1155   | 1405-04-028 |               | 944     |              |          |          |          | 117      |         |             | 75493     | 1791    | 68328             |           |           |         |         |        |           |           |           |               | 944         |          |           |
| 57                | FM 577    | 2447-01-034 | 243           | 1110    |              |          |          |          | 1050     |         | 1888        | 42958     | 10129   | 50445             |           |           | 49      | 10      | 11     | 8         |           |           | 202           | 6Ø3         |          |           |
|                   | SUB TOTAL |             | 5,453         | 20,667  | 309          | 1,494    | 0        | Ø        | 2,589    | Ø       | 23,451      | 1,576,623 | 109,081 | 1,136,532         | 1,527,989 | Ø         | 151     | 10      | 59     | 12        | 0         | 409       | 7,346         | 18,771      | Ø        | 160       |
|                   | TOTAL     |             | 10,145        | 46,243  | 1,365        | 5,560    | 0        | 0        | 4,394    | 0       |             |           | -       |                   | 3,462,987 |           | 300     | 16      | 146    | 22        | 0         | 955       | 45,587        | 41,050      | 0        |           |



|  | 1_   |  |   |   |   | HIGHWAY  | FM   | 2154  | LOCATION NUMBER   | 4  |   |            |   |  | HIGHWAY  | FM  | 974   | LOCATION NUMBER  | 7   |  |  |      |
|--|--|--|---|---|---|--|--|---|---|--|---|------------|---|--|--|---|---|--|---|--|--|------|
| DECODIDITION   | TYPE   | STAT   | TIONS   | LENGTH  | и и потн  | RA   | DIUS   | AREA  | DECODIDITION  | TYPE   | . STA   | IONS       | LENGTH  | и міртн  | RA   | DIUS  | AREA  | DECODIDITION   | TYPE  | STATIONS   | LENGTH   | + w  |
| DESCRIPTION  | ITTPE  |  | 1 10  | (5.7)   | (5.7)   | LT   | RT   |   | DESCRIPTION   |  |   |            | (5.7.)  | (5.7)  | LT   | RT  |   | DESCRIPTION  | TIPE  | 50011 10   | (57)   | _    |
| HIDDEN SPRINGS WAY   | T  | FROM<br>49+63  | TO  | (FT)<br>21  | (FT)<br>27  | (FT)<br>28   | (FT)<br>24   | (SY)<br>96  | WHEELOCK RD   | I  | FROM<br>33+00   | TO         | (FT)<br>30  | (FT)<br>33   | (FT)<br>31   | (FT)<br>27  | (SY)<br>151   | EDNA LN  | I   | FROM TO<br>162+94  | (FT)<br>72   |      |
| YOUPON LN (P1-736)   | I  | 54+60  |   | 30  | 18  | 23   | 17   | 80  | ZAK RD  | I  | 75+40   |            | 41  | 24   | 26   | 26  | 142   | CR 307   | I   | 185+70   | 79   | +    |
| FRIERSON RD  | I  | 59+88  |   | 18  | 12  | 13   | 13   | 33  | HURTA LN  | Ι  | 90+71   |            | 37  | 23   | 28   | 28  | 132   | FM 2000  | Ι   | 185+70   | 1Ø1  |      |
| CLOSE QUARTERS CIR   | I  | 72+71  |   | 36  | 22  | 28   | 28   | 126   | FERRILL CREEK RD  | I  | 148+84  |            | 18  | 47   | 35   | 34  | 151   | CR 208   | I   | 218+86   | 66   | _    |
| NORWOOD LN<br>TUSCANY TRACE  | I  | 104+81<br>115+32   |   | 33<br>34  | 15<br>22  | 16<br>23   | 16<br>23   | 68<br>109   | CONCRETE BRIDGE<br>DEEPWELL RD  | S  | 152+17<br>163+52  | 205+81     | 38  | 40   | 42   | 27  | 229   | CR 205<br>CR 210   | I   | 274+08<br>284+43   | 81<br>67   | -    |
| BRENTWOOD  | I  | 164+16   |   | 60<br>60  | 22  | 30   | 30   | 230   | DELLALOVE RD  |  | 210+62  |            | 45  | 17   | 24   | 24  | 113   | CR 210<br>CR 212   | I   | 384+54   | 73   | +    |
| SENDERA CT   | I  | 153+12   |   | 38  | 26  | 21   | 21   | 131   | CONCRETE BRIDGE   | S  | 227+36  | 228+20     |   |  |  |   |   | REST AREA  | I   | 353+02   | 920  |      |
| MACK COONER LN   | I  | 174+50   |   | 8   | 14  | 12   | 12   | 20  | DILLY SHAW TAP RD   | Ι  | 243+94  |            | 34  | 28   | 32   | 32  | 155   | CR 214   | Ι   | 397+27   | 64   |      |
| SCHEHIN RD   | I  | 195+36   |   | 39  | 22  | 23   | 23   | 121   | EDGE CUT OFF RD   | Ι  | 282+85  |            | 27  | 31   | 24   | 24  | 121   | FM 1362  | Ι   | 414+64   | 74   |      |
| HOLLOW CT  | I  | 202+49   |   | 116   | 22  | 38   | 21   | 329   | EDGE SCHOOL HOUSE   | I  | 294+36  |            | 27  | 30   | 39   | 27  | 144   | CR 215   | I   | 423+35   | 79   | _    |
| MILLICAN CREEK TR<br>HIGH PRARIE RD  | I  | 207+19<br>229+68   |   | 23<br>50  | 28<br>16  | 26<br>38   | 26<br>38   | 104<br>158  | MACEY RD<br>PRIVATE DRIVEWAYS (COMM   |  | 313+42  |            | 55  | 27   | 0  | 42<br>6   | 208<br>54   | FM 1362<br>CR 216  | 1   | 450+07<br>450+38   | 104<br>80  |      |
| DICKSON RD   | T  | 230+10   |   | 40  | 16  | 21   | 21   | 93  | PRIVATE DRIVEWAYS (RESI   |  |   |            |   |  |  | 59  | 236   | CR 218   | I   | 469+08   | 67   | +    |
| DAY RD   | I  | 272+03   |   | 37  | 16  | 17   | 17   | 80  | TURNOUTS (TY I @ 28 SY/   |  |   | 17 EH, 301 |   |  |  | 2   | 56  | CR 218   | I   | 510+52   | 67   | +    |
| HALLARAN RD  | I  | 273+03   |   | 7   | 18  | 16   | 16   | 27  | TURNOUTS (TY II @ 31 SY/  |  |   |            |   |  |  | 1   | 31  | CR 229   | I   | 546+00   | 111  |      |
| FM 159   | S  | 372+Ø3   |   |   |   |  |  |   |   |  |   |            |   |  |  | TOTALS  | 1,923   | CR 221   | I   | 592+52   | 55   |      |
| WINGFALL   | I  | 378+63   |   | 45  | 27  | 20   | 20   | 155   |   |  |   |            |   |  |  |   |   | CR 285   | I   | 639+78   | 86   |      |
| HENDERSON ST   | I  | 385+60   | 377+89  | 23  | 12  | 14   | 14   | 41  | LOCATION NUMBER   | 5  | 1   |            | 1   | 1  | HIGHWAY  | FM  | 974   | CR 222   | I   | 670+03   | 72   |      |
| HENDERSON RD<br>RUSK ST  | 1<br>T   | 386+81<br>388+77   |   | 35<br>24  | 27<br>15  | 28<br>20   | 17<br>20   | 131<br>60   |   |  | CTA   | IONS       | ENCT  | и міртн  | RAD  | DIUS  | AREA  | FM 50<br>CR 221  | <u>  1</u><br>т   | 687+93<br>693+95   | 129<br>51  | +    |
| OLD HWY 6  | I  | 437+29   |   | 61  | 21  | 42   | 20   | 202   | DESCRIPTION   | TYPE   |   | IUNS       | LENGIE  | חוטואן   | LT   | RT  | HNCH  | 34 TOTAL CROSSOVERS  |   | 073+70   | 55   | +    |
| SUNDANCE RD  | I  | 494+37   |   | 10  | 36  | 27   | 27   | 75  |   |  | FROM  | то         | (FT)  | (FT)   | (FT)   | (FT)  | (SY)  | PRIVATE DRIVEWAYS (COM   | _   |  |  |      |
| WHITE SWITCH RD  | I  | 495+79   |   | 32  | 27  | 36   | 36   | 158   | HOUSE CEMETERY RD   | I  | 44+19   |            | 57  | 31   | 37   | 33  | 255   | PRIVATE DRIVEWAYS (RES   |   |  |  |      |
| JOUBERT RD   | I  | 611+21   |   | 37  | 23  | 22   | 22   | 118   | PINE TREE RD  | Ι  | 58+66   |            | 53  | 24   | 29   | 17  | 169   | TURNOUTS (TY I @ 28 SY/  | /EA) OL   | IANTITY  |  |      |
| LOMETA LN  | Ι  | 625+05   |   | 74  | 27  | 31   | 31   | 268   | WILSON PASTURE RD   | Ι  | 88+49   |            | 63  | 20   | 59   | 59  | 307   | TURNOUTS (TY II @ 31 SY.   | /EA) OL   | JANTITY  |  |      |
| PRIVATE DRIVEWAYS (CO  |  |  |   |   |   |  | 2  | 18  | MARRY PAYNE   | I  | 106+97  |            | 83  | 20   | 31   | 31  | 231   |  |   |  |  |      |
| PRIVATE DRIVEWAYS (RE  |  |  | (/EA) QUA   | NTITY   |   |  | 60   | 240   | JACK CREEK RD   |  | 171+65  |            | 33  | 26   | 39   | 39  | 168   |  |   |  |  |      |
| TURNOUTS (TY I @ 28 SY<br>TURNOUTS (TY II @ 31 S)  |  |  |   |   |   |  | 5  | 140<br>62   | PRIVATE DRIVEWAYS (COMM<br>PRIVATE DRIVEWAYS (RESI  |  |   |            |   |  |  | 0   | 0   | LOCATION NUMBER  | 8   |  |  | Τ_   |
|  | 17 EH7 0   | OHNIIII  |   |   |   |  |  | 5 3,473   | TURNOUTS (TY I @ 28 SY/   |  |   | CH/ GO     |   |  |  | Ø   | 0   |  |   | STATIONS   | LENGTH   | 4 wi |
|  |  |  |   |   |   |  |  |   | TURNOUTS (TY II @ 31 SY/  |  |   |            |   |  |  | Ø   | 0   | DESCRIPTION  | TYPE  |  |  |      |
| LOCATION NUMBER  | 2  |  |   |   |   | HIGHWAY  | r FM   | 159   |   |  |   |            |   |  |  | TOTALS  | 1,130   |  |   | FROM TO  |  | (    |
|  |  |  |   |   |   | RA   | DIUS   |   |   |  |   |            |   |  |  |   |   | CR 254   | I   | 9+61   | 47   | _    |
| DESCRIPTION  | TYPE   | STAT   | TIONS   | LENGIH  | WIDTH   | LT   | RT   | AREA  | LOCATION NUMBER   | 6  | 1   |            |   | 1  | H <b>ichwa</b> y   | FM (  | 2776  | CR 297<br>CR 242   | I   | 10+19<br>22+28   | 52<br>54   | +    |
|  |  | 1  |   | (FT)  | (FT)  | (FT)   | (FT)   | (SY)  |   |  | CTA-  | IONS       |   | א אוסדא  | RAD  | DIUS  | AREA  | CR 247   | T   | 46+25  | 73   | -    |
|  |  | FROM   | 1 10  |   |   |  |  |   |   |  |   |            |   |  |  |   |   | 0.1 2 11   |   |  |  |      |
| KATY FLEMMING  | I  | FROM<br>128+73   | TO  | 61  | 22  | 46   | 25   | 215   | DESCRIPTION   | TYPE   | SIA   | IUNS       | LENGT   |  | LT   | RT  | 1   | CR 246   | I   | 142+82   | 54   |      |
| KATY FLEMMING<br>WEBSTER ST  | I<br>I   |  |   |   | 22<br>18  | 46<br>15   |  |   | DESCRIPTION   | TYPE   | FROM  | TO         | (FT)  | (FT)   | LT<br>(FT)   | RT<br>(FT)  | (SY)  | CR 246<br>PRIVATE DRIVEWAYS (COM   | I<br>I<br>IMERCIA   | 142+82   | 54   |      |
| WEBSTER ST<br>PIERCE ST  | I<br>I<br>I  | 128+73<br>128+88<br>133+Ø6   |   | 61<br>38<br>28  | 18<br>25  | 15<br>26   | 25<br>32<br>13   | 215<br>106<br>98  | HUDSPETH RD   | TYPE<br>I  | FROM<br>51+53   |            | (FT)<br>45  | 29   | (FT)<br>18   | (FT)<br>53  | 220   | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES   | SIDENTI   | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (   | 54<br>UANTITY  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154   | I<br>I<br>I<br>I   | 128+73<br>128+88<br>133+06<br>138+23   |   | 61<br>38<br>28<br>286   | 18<br>25<br>27  | 15<br>26<br>39   | 25<br>32<br>13<br>39   | 215<br>106<br>98<br>931   | HUDSPETH RD<br>HARRIS LN  | TYPE<br>I<br>I   | FROM<br>51+53<br>99+84  |            | (FT)<br>45<br>46  | 29<br>28   | (FT)<br>18<br>18   | (FT)<br>53<br>33  | 22Ø<br>177  | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY/  | SIDENTI<br>/EA) OL  | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>IANTITY  | 54<br>UANTITY  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154  | I<br>I<br>I<br>I<br>I  | 128+73<br>128+88<br>133+06<br>138+23<br>138+23   |   | 61<br>38<br>28  | 18<br>25  | 15<br>26   | 25<br>32<br>13   | 215<br>106<br>98  | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN   | I<br>I<br>I<br>I<br>I  | FROM<br>51+53<br>99+84<br>129+04  |            | (FT)<br>45<br>46<br>49  | 29<br>28<br>27   | (FT)<br>18<br>18<br>27                                     | (FT)<br>53<br>33<br>32  | 22Ø<br>177<br>189   | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES   | SIDENTI<br>/EA) OL  | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>IANTITY  | 54<br>UANTITY  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING   | I<br>I<br>I<br>I<br>I<br>S<br>U  | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87   | 141+Ø8  | 61<br>38<br>28<br>286<br>295  | 18<br>25<br>27<br>28  | 15<br>26<br>39<br>39   | 25<br>32<br>13<br>39<br>39   | 215<br>106<br>98<br>931<br>991  | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD  | I<br>I<br>I<br>I<br>I<br>I<br>I                                      | FROM<br>51+53<br>99+84<br>129+04<br>156+13  |            | (FT)<br>45<br>46<br>49<br>31  | 29<br>28<br>27<br>21                                     | (FT)<br>18<br>18<br>27<br>22                               | (FT)<br>53<br>33<br>32<br>22  | 220<br>177<br>189<br>96   | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY/  | SIDENTI<br>/EA) OL  | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>IANTITY  | 54<br>UANTITY  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF   |  | 128+73<br>128+88<br>133+Ø6<br>138+23<br>138+23<br>14Ø+87<br>145+46   |   | 61<br>38<br>28<br>286<br>295<br>21  | 18<br>25<br>27<br>28<br>16  | 15<br>26<br>39<br>39<br>   | 25<br>32<br>13<br>39<br>39<br>   | 215<br>106<br>98<br>931<br>991<br>53  | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD   | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I                                 | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13  |            | (FT)<br>45<br>46<br>49<br>31<br>46  | 29<br>28<br>27<br>21<br>12                               | (FT)<br>18<br>18<br>27<br>22<br>28                         | (FT)<br>53<br>33<br>32<br>22<br>15  | 22Ø<br>177<br>189<br>96<br>86   | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY/<br>TURNOUTS (TY II @ 31 SY/  | SIDENTI<br>/EA) QL<br>/EA) QL   | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>IANTITY  | 54<br>UANTITY  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING   |  | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87   |   | 61<br>38<br>28<br>286<br>295  | 18<br>25<br>27<br>28  | 15<br>26<br>39<br>39   | 25<br>32<br>13<br>39<br>39   | 215<br>106<br>98<br>931<br>991  | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD  | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I                  | FROM<br>51+53<br>99+84<br>129+04<br>156+13  |            | (FT)<br>45<br>46<br>49<br>31  | 29<br>28<br>27<br>21                                     | (FT)<br>18<br>18<br>27<br>22                               | (FT)<br>53<br>33<br>32<br>22  | 220<br>177<br>189<br>96   | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY/  | SIDENTI<br>/EA) OL  | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>IANTITY  | 54<br>UANTITY  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD   |  | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66   | 141+Ø8  | 61<br>38<br>28<br>286<br>295<br>21<br>61  | 18<br>25<br>27<br>28<br>16<br>28  | 15<br>26<br>39<br>39<br>18<br>118  | 25<br>32<br>13<br>39<br>39<br>39<br>18<br>39   | 215<br>106<br>98<br>931<br>991<br>53<br>559   | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR  | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I        | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>187+49  |            | (FT)<br>45<br>46<br>49<br>31<br>46<br>38                                  | 29<br>28<br>27<br>21<br>12<br>20                         | (FT)<br>18<br>18<br>27<br>22<br>28<br>17                   | (FT)<br>53<br>33<br>32<br>22<br>15<br>17  | 220<br>177<br>189<br>96<br>86<br>99   | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY/<br>TURNOUTS (TY II @ 31 SY)<br>LOCATION NUMBER   | SIDENTI<br>/EA) QL<br>/EA) QL<br>9  | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>IANTITY  | 54<br>UANTITY  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO)   | I<br>I<br>I<br>MMERCI  | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY  | 141+Ø8  | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VIITY   | 18<br>25<br>27<br>28<br>16<br>28<br>12  | 15<br>26<br>39<br>39<br>18<br>118<br>118<br>18   | 25<br>32<br>13<br>39<br>39<br>18<br>39<br>18<br>21<br>6  | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54  | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR  | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I   | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12  |            | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>46<br>44<br>44          | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42  | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224                                | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY/<br>TURNOUTS (TY II @ 31 SY/  | SIDENTI<br>/EA) QL<br>/EA) QL   | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>IANTITY<br>JANTITY<br>STATIONS   | 54<br>UANTITY<br>DUANTITY<br>LENGTH  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (RE   | I<br>I<br>I<br>MMERCI<br>SIDENTI   | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY  | 141+Ø8  | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VIITY   | 18<br>25<br>27<br>28<br>16<br>28<br>12  | 15<br>26<br>39<br>39<br>18<br>118<br>118<br>18   | 25<br>32<br>13<br>39<br>39<br>18<br>39<br>18<br>21<br>6<br>6<br>66   | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264   | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY   |  | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68  | TO         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>46<br>44<br>49<br>36    | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22             | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26       | (FT)<br>53<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32  | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157                         | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY/<br>TURNOUTS (TY II @ 31 SY/<br>LOCATION NUMBER<br>DESCRIPTION  | SIDENTI<br>/EA) QL<br>/EA) QL<br>9  | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>IANTITY<br>JANTITY<br>STATIONS<br>FROM TO  | 54<br>UANTITY<br>DUANTITY<br>LENGTH<br>(FT)  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO)<br>PRIVATE DRIVEWAYS (RE<br>TURNOUTS (TY I @ 28 SY  | I<br>I<br>I<br>MMERCI<br>SIDENTI   | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY<br>AL @ 4 SY<br>JANTITY  | 141+Ø8  | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VIITY   | 18<br>25<br>27<br>28<br>16<br>28<br>12  | 15<br>26<br>39<br>39<br>18<br>118<br>118<br>18   | 25<br>32<br>13<br>39<br>39<br>18<br>39<br>18<br>21<br>6<br>6<br>66<br>0  | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0  | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (COMN  | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>ERCI               | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY                                   | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4                             | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36                   | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY/<br>TURNOUTS (TY II @ 31 SY)<br>LOCATION NUMBER<br>DESCRIPTION<br>S WRIGHT ST   | SIDENTI<br>/EA) OL<br>/EA) O | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>IANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21   | LENGTH<br>(FT)<br>41   |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>M_CRORY RD<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (RE   | I<br>I<br>I<br>MMERCI<br>SIDENTI   | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY<br>AL @ 4 SY<br>JANTITY  | 141+Ø8  | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VIITY   | 18<br>25<br>27<br>28<br>16<br>28<br>12  | 15<br>26<br>39<br>39<br>18<br>118<br>118<br>18   | 25<br>32<br>13<br>39<br>39<br>18<br>39<br>18<br>21<br>6<br>6<br>66<br>66<br>Ø<br>Ø   | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0   | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (COMM<br>PRIVATE DRIVEWAYS (RESI   | I<br>I<br>I<br>I<br>I<br>I<br>I<br>ERCI<br>DENT                      | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S                      | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30                       | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120            | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY/<br>TURNOUTS (TY II @ 31 SY)<br>LOCATION NUMBER<br>DESCRIPTION<br>S WRIGHT ST<br>CONCRETE BRIDGE  | SIDENTI<br>/EA) QL<br>/EA) QL<br>9  | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0  | 54<br>UANTITY<br>DUANTITY<br>LENGTH<br>(FT)<br>41  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO)<br>PRIVATE DRIVEWAYS (RE<br>TURNOUTS (TY I @ 28 SY  | I<br>I<br>I<br>MMERCI<br>SIDENTI   | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY<br>AL @ 4 SY<br>JANTITY  | 141+Ø8  | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VIITY   | 18<br>25<br>27<br>28<br>16<br>28<br>12  | 15<br>26<br>39<br>39<br>18<br>118<br>118<br>18   | 25<br>32<br>13<br>39<br>39<br>18<br>39<br>18<br>21<br>6<br>6<br>66<br>66<br>Ø<br>Ø   | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0  | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (COMM<br>PRIVATE DRIVEWAYS (RESI<br>TURNOUTS (TY I @ 28 SY/FI  | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4                             | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36                   | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY II @ 31 SY,<br>LOCATION NUMBER<br>DESCRIPTION<br>S WRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058   | SIDENTI<br>/EA) OL<br>/EA) O | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96   | LENGTH<br>(FT)<br>41   |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO)<br>PRIVATE DRIVEWAYS (RE<br>TURNOUTS (TY I @ 28 SY  | I<br>I<br>I<br>MMERCI<br>SIDENTI   | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY<br>AL @ 4 SY<br>JANTITY  | 141+Ø8  | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VIITY   | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26  | 15<br>26<br>39<br>39<br>18<br>118<br>118<br>18   | 25<br>32<br>13<br>39<br>39<br>18<br>39<br>18<br>21<br>6<br>6<br>66<br>0<br>0<br>70TALS   | 215<br>106<br>98<br>931<br>931<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>0<br>3,313   | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (COMM<br>PRIVATE DRIVEWAYS (RESI   | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84      | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY/<br>TURNOUTS (TY II @ 31 SY)<br>LOCATION NUMBER<br>DESCRIPTION<br>S WRIGHT ST<br>CONCRETE BRIDGE  | SIDENTI<br>/EA) OL<br>/EA) O | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0  | 54<br>UANTITY<br>DUANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (RE<br>TURNOUTS (TY I @ 28 SY<br>TURNOUTS (TY II @ 31 S)  | I<br>I<br>MMERCI<br>SIDENTI<br>(/EA) QU  | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY<br>AL @ 4 SY<br>JANTITY  | 141+Ø8  | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VIITY   | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26  | 15<br>26<br>39<br>39<br>18<br>18<br>18<br>18<br>70   | 25<br>32<br>13<br>39<br>39<br>18<br>21<br>6<br>66<br>66<br>0<br>0<br>TOTALS  | 215<br>106<br>98<br>931<br>931<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>0<br>3,313   | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (COMM<br>PRIVATE DRIVEWAYS (RESI<br>TURNOUTS (TY I @ 28 SY/FI  | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY II @ 31 SY,<br>LOCATION NUMBER<br>DESCRIPTION<br>S WRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307   | SIDENTI<br>/EA) OL<br>/EA) O | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>IANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88   | 54<br>UANTITY<br>DUANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO)<br>PRIVATE DRIVEWAYS (CO)<br>PRIVATE DRIVEWAYS (RE<br>TURNOUTS (TY II @ 28 SY<br>LOCATION NUMBER  | I<br>I<br>I<br>MMERCI<br>SIDENTI<br>(ZEA) QU<br>(ZEA) QU<br>3  | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY<br>AL @ 4 SY<br>JANTITY<br>UANTITY   | 141+Ø8  | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>NTITY<br>NTITY  | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26  | 15<br>26<br>39<br>39<br>18<br>18<br>18<br>18<br>70   | 25<br>32<br>13<br>39<br>39<br>18<br>21<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>0<br>0<br>TOTALS<br>7<br>FM   | 215<br>106<br>98<br>931<br>931<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>0<br>3,313   | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (COMM<br>PRIVATE DRIVEWAYS (RESI<br>TURNOUTS (TY I @ 28 SY/I<br>TURNOUTS (TY II @ 31 SY/<br>INTERSECTION (I)   | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY/<br>TURNOUTS (TY II @ 31 SY/<br>LOCATION NUMBER<br>DESCRIPTION<br>S WRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 258   | SIDENTI<br>/EA) OL<br>/EA) O | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73  | 54<br>UANTITY<br>DUANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46<br>57<br>39<br>67  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (RE<br>TURNOUTS (TY I @ 28 SY<br>TURNOUTS (TY II @ 31 S)  | I<br>I<br>MMERCI<br>SIDENTI<br>(/EA) QU  | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY<br>JANTITY<br>JANTITY<br>JANTITY   | 141+08<br>/EA) QUAN<br>(/EA) QUAN                             | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VTITY<br>NTITY<br>NTITY   | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26  | 15<br>26<br>39<br>39<br>18<br>18<br>18<br>18<br>70<br>70   | 25<br>32<br>13<br>39<br>39<br>18<br>21<br>6<br>66<br>66<br>0<br>0<br>TOTALS<br>FM<br>0<br>DIUS<br>RT   | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>264<br>0<br>0<br>3,313<br>2038<br>AREA   | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (COMM<br>PRIVATE DRIVEWAYS (RESI<br>TURNOUTS (TY I @ 28 SY/I<br>TURNOUTS (TY II @ 31 SY/<br>INTERSECTION (I)<br>RAMP (R)   | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY/<br>TURNOUTS (TY II @ 31 SY/<br>DESCRIPTION<br>S WRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 258<br>CR 233  | SIDENTI<br>/EA) OL<br>/EA) O | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+6Ø 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73<br>187+6Ø   | 54<br>UANTITY<br>DUANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46<br>57<br>39<br>67<br>79  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>MCCRORY RD<br>PRIVATE DRIVEWAYS (CO)<br>PRIVATE DRIVEWAYS (CO)<br>PRIVATE DRIVEWAYS (CO)<br>IURNOUTS (TY II @ 31 S)<br>LOCATION NUMBER<br>DESCRIPTION  | I<br>I<br>I<br>MMERCI<br>SIDENTI<br>(ZEA) QU<br>(ZEA) QU<br>3  | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY<br>JANTITY<br>UANTITY<br>UANTITY   | 141+08<br>/EA) QUAN<br>(/EA) QUAN                             | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VTITY<br>NTITY<br>LENGTH<br>(FT)  | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26<br>26<br>WIDTH<br>(FT)   | 15<br>26<br>39<br>39<br>18<br>118<br>18<br>18<br>70<br>HICHWAY<br>RA(<br>LT<br>(FT)  | 25<br>32<br>13<br>39<br>18<br>21<br>6<br>66<br>66<br>66<br>66<br>0<br>0<br>TOTALS<br>FM<br>DIUS  | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>264<br>0<br>0<br>3,313<br>2038<br>AREA<br>(SY)   | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (RCMI<br>PRIVATE DRIVEWAYS (RCMI<br>TURNOUTS (TY I @ 28 SY/F<br>TURNOUTS (TY I @ 21 SY/F<br>UNTERSECTION (I)<br>RAMP (R)<br>SKIPPED LOCATION (S)                   | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY II @ 31 SY,<br>DESCRIPTION<br>S WRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 258<br>CR 233<br>CR 236  | SIDENTI<br>/EA) OL<br>/EA) O | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73<br>187+60<br>251+01   | 54<br>UANTITY<br>DUANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46<br>57<br>39<br>67<br>79<br>68  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO)<br>PRIVATE DRIVEWAYS (CE)<br>PRIVATE DRIVEWAYS (CE)<br>IURNOUTS (TY II @ 28 SY<br>UNNOUTS (TY II @ 31 SY<br>LOCATION NUMBER<br>DESCRIPTION<br>HUDSPETH RD   | I<br>I<br>I<br>MMERCI<br>SIDENTI<br>(ZEA) QU<br>(ZEA) QU<br>3  | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY<br>AL @ 9 SY<br>AL @ 4 SY<br>UANTITY<br>UANTITY<br>UANTITY<br>FROM<br>52+69  | 141+08<br>/EA) QUAN<br>(/EA) QUAN                             | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VTITY<br>NTITY<br>LENGTH<br>(FT)<br>30  | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26<br>WIDTH<br>(FT)<br>26   | 15<br>26<br>39<br>39<br>18<br>118<br>118<br>18<br>70<br>HICHWAY<br>RAI<br>LT<br>(FT)<br>22                                 | 25<br>32<br>13<br>39<br>39<br>18<br>21<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>0<br>0<br>7<br>0<br>TOTALS<br>7<br>FM<br>DIUS<br>RT<br>(FT)<br>22  | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>3,313<br><b>2038</b><br>AREA<br>(SY)<br>110  | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (RCMI<br>PRIVATE DRIVEWAYS (RCMI<br>TURNOUTS (TY I @ 28 SY/I<br>TURNOUTS (TY I @ 31 SY/<br>INTERSECTION (I)<br>RAMP (R)<br>SKIPPED LOCATION (S)<br>TURN AROUND (T) | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY II @ 31 SY,<br>DESCRIPTION<br>S WRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 258<br>CR 233<br>CR 236<br>CR 234  | SIDENTI<br>/EA) OL<br>/EA) O | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73<br>1187+60<br>251+01<br>284+86  | 54<br>UANTITY<br>DUANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (CO<br>TURNOUTS (TY II @ 28 SY<br>TURNOUTS (TY II @ 31 S)<br>LOCATION NUMBER<br>DESCRIPTION<br>HUDSPETH RD<br>FERRILL CREEK RD   | I<br>I<br>I<br>MMERCI<br>SIDENTI<br>(ZEA) QU<br>(ZEA) QU<br>3  | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY<br>AL @ 4 SY<br>JANTITY<br>UANTITY<br>JANTITY<br>FROM<br>52+69<br>72+18  | 141+08<br>/EA) QUAN<br>(/EA) QUAN                             | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VTITY<br>NTITY<br>LENGTH<br>(FT)<br>30<br>40  | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26<br>26<br>WIDTH<br>(FT)<br>26<br>23   | 15<br>26<br>39<br>39<br>18<br>18<br>18<br>18<br>70<br>HICHWAY<br>RAI<br>LT<br>(FT)<br>22<br>22                             | 25<br>32<br>13<br>39<br>18<br>21<br>6<br>66<br>66<br>66<br>66<br>0<br>0<br>TOTALS<br>FM<br>DIUS  | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>0<br>3,313<br><b>2038</b><br>AREA<br>(SY)<br>110<br>124  | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (RCMI<br>PRIVATE DRIVEWAYS (RCMI<br>TURNOUTS (TY I @ 28 SY/F<br>TURNOUTS (TY I @ 21 SY/F<br>UNTERSECTION (I)<br>RAMP (R)<br>SKIPPED LOCATION (S)                   | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY I @ 31 SY,<br>DESCRIPTION<br>SWRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 258<br>CR 233<br>CR 236<br>CR 234<br>CR 235  | SIDENTI<br>/EA) OL<br>/EA) O | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73<br>187+60<br>251+01<br>284+86<br>314+21  | 54<br>UANTITY<br>DUANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46<br>57<br>39<br>67<br>79<br>67<br>79<br>68<br>49<br>49  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO)<br>PRIVATE DRIVEWAYS (CE)<br>PRIVATE DRIVEWAYS (CE)<br>IURNOUTS (TY II @ 28 SY<br>UNNOUTS (TY II @ 31 SY<br>LOCATION NUMBER<br>DESCRIPTION<br>HUDSPETH RD   | I<br>I<br>I<br>MMERCI<br>SIDENTI<br>(ZEA) QU<br>(ZEA) QU<br>3  | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY<br>AL @ 9 SY<br>AL @ 4 SY<br>UANTITY<br>UANTITY<br>UANTITY<br>FROM<br>52+69  | 141+08<br>/EA) QUAN<br>(/EA) QUAN                             | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VTITY<br>NTITY<br>LENGTH<br>(FT)<br>30  | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26<br>WIDTH<br>(FT)<br>26   | 15<br>26<br>39<br>39<br>18<br>118<br>118<br>18<br>70<br>HICHWAY<br>RAI<br>LT<br>(FT)<br>22                                 | 25<br>32<br>13<br>39<br>39<br>18<br>21<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>0<br>0<br>0<br>TOTALS<br><b>FM</b><br>DIUS<br>RT<br>((FT)<br>22<br>20  | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>3,313<br><b>2038</b><br>AREA<br>(SY)<br>110  | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (RCMI<br>PRIVATE DRIVEWAYS (RCMI<br>TURNOUTS (TY I @ 28 SY/I<br>TURNOUTS (TY I @ 31 SY/<br>INTERSECTION (I)<br>RAMP (R)<br>SKIPPED LOCATION (S)<br>TURN AROUND (T) | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY II @ 31 SY,<br>DESCRIPTION<br>S WRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 258<br>CR 233<br>CR 236<br>CR 234  | SIDENTI<br>/EA) OL<br>/EA) O | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73<br>1187+60<br>251+01<br>284+86  | 54<br>UANTITY<br>DUANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49  |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (CO<br>DRIVATE DRIVEWAYS (CO<br>DRIVATE ORIVEWAYS (CO<br>DRIVEWAYS (CO<br>DRIVEWA | I<br>I<br>I<br>MMERCI<br>SIDENTI<br>(ZEA) QU<br>(ZEA) QU<br>3  | 128+73<br>128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>241+45<br>284+22<br>284+22<br>AL @ 9 SY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY  | 141+08<br>/EA) QUAN<br>(/EA) QUAN                             | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VTITY<br>NTITY<br>LENGTH<br>(FT)<br>30<br>40<br>43<br>58<br>60  | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26<br>WIDTH<br>(FT)<br>26<br>23<br>26   | 15<br>26<br>39<br>39<br>18<br>18<br>18<br>18<br>70<br>70<br>HICHWAY<br>RA(<br>LT<br>(FT)<br>22<br>22<br>33                 | 25<br>32<br>13<br>39<br>39<br>18<br>21<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>0<br>7<br>TOTALS<br>7<br>TOTALS<br>7<br>TOTALS<br>7<br>TOTALS<br>7<br>8<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7  | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>264<br>0<br>0<br>3,313<br>2038<br>AREA<br>(SY)<br>110<br>124<br>183<br>134<br>266  | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (RCMI<br>PRIVATE DRIVEWAYS (RCMI<br>TURNOUTS (TY I @ 28 SY/I<br>TURNOUTS (TY I @ 31 SY/<br>INTERSECTION (I)<br>RAMP (R)<br>SKIPPED LOCATION (S)<br>TURN AROUND (T) | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY II @ 31 SY,<br>URNOUTS (TY II @ 31 SY,<br>DESCRIPTION<br>S WRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 225<br>CR 258<br>CR 233<br>CR 233<br>CR 236<br>CR 234<br>CR 235<br>CR 243<br>FM 1362<br>PRIVATE DRIVEWAYS (COM                                    | TYPE<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I   | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73<br>187+60<br>251+01<br>284+86<br>314+21<br>353+76<br>395+26<br>AL @ 9 SY/EA) (                    | 54<br>UANTITY<br>DUANTITY<br>UANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49<br>49<br>49<br>49<br>66<br>49<br>49<br>49<br>66       |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO)<br>PRIVATE DRIVEWAYS (CO)<br>DILLY SHAW TAP RD<br>OPERSTENY LN  | I<br>I<br>I<br>MMERCI<br>SIDENT<br>//EA) QU<br>//EA) QU<br>/ | 128+73<br>128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>241+45<br>284+22<br>AL @ 9 SY<br>JANTITY<br>UANTITY<br>UANTITY<br>UANTITY<br>UANTITY<br>FROM<br>52+69<br>72+18<br>99+26<br>133+74<br>157+40<br>197+10  | 141+08<br>/EA) QUAN<br>(/EA) QUAN                             | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VTITY<br>NTITY<br>LENGTH<br>(FT)<br>30<br>40<br>43<br>58<br>60<br>39  | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26<br>26<br>WIDTH<br>(FT)<br>26<br>23<br>26<br>23<br>26<br>20<br>31<br>27       | 15<br>26<br>39<br>39<br>18<br>118<br>18<br>70<br>HICHWAY<br>RA(<br>LT<br>(FT)<br>22<br>22<br>22<br>33<br>8<br>8<br>41<br>6 | 25<br>32<br>13<br>39<br>39<br>18<br>21<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>7<br>0<br>7<br>0<br>7<br>7<br>8<br>7<br>8<br>7<br>8<br>7<br>8<br>7<br>8<br>7<br>8<br>7<br>8<br>7   | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>264<br>0<br>0<br>3,313<br>2038<br>AREA<br>(SY)<br>110<br>124<br>183<br>134<br>266<br>127   | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (RCMI<br>PRIVATE DRIVEWAYS (RCMI<br>TURNOUTS (TY I @ 28 SY/I<br>TURNOUTS (TY I @ 31 SY/<br>INTERSECTION (I)<br>RAMP (R)<br>SKIPPED LOCATION (S)<br>TURN AROUND (T) | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY II @ 31 SY,<br>DESCRIPTION<br>SWRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 225<br>CR 233<br>CR 236<br>CR 234<br>CR 235<br>CR 234<br>CR 235<br>CR 243<br>FM 1362<br>PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES                                      | TYPE<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I   | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73<br>187+60<br>251+01<br>284+86<br>314+21<br>353+76<br>395+26<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) ( | 54<br>UANTITY<br>DUANTITY<br>UANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49<br>49<br>49<br>49<br>66<br>49<br>49<br>49<br>66       |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO)<br>PRIVATE DRIVEWAYS (CO)<br>MATTER CREE<br>PRIVATE DRIVEWAYS (CO)<br>PRIVATE DRIVEWAYS (   | I<br>I<br>I<br>MMERCI<br>SIDENT<br>//EA) QU<br>//EA) QU<br>/ | 128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>241+45<br>284+22<br>AL @ 9 SY<br>AL @ 4 SY<br>JANTITY<br>UANTITY<br>UANTITY<br>UANTITY<br>UANTITY<br>UANTITY<br>157+40<br>197+10<br>224+82   | 141+08<br>/EA) QUAN<br>(/EA) QUAN                             | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VTITY<br>NTITY<br>LENGTH<br>(FT)<br>30<br>40<br>43<br>58<br>60<br>39<br>34  | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26<br>26<br>WIDTH<br>(FT)<br>26<br>23<br>26<br>23<br>26<br>23<br>31<br>27<br>28 | 15<br>26<br>39<br>39<br>18<br>18<br>18<br>70   | 25<br>32<br>13<br>39<br>39<br>18<br>21<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>7<br>0<br>TOTALS<br>7<br>TOTALS<br>7<br>7<br>11<br>22<br>20<br>37<br>11<br>28<br>19<br>30   | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>264<br>0<br>0<br>3,313<br>2038<br>AREA<br>(SY)<br>110<br>124<br>183<br>134<br>2266<br>127<br>151                                       | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (RCMI<br>PRIVATE DRIVEWAYS (RCMI<br>TURNOUTS (TY I @ 28 SY/I<br>TURNOUTS (TY I @ 31 SY/<br>INTERSECTION (I)<br>RAMP (R)<br>SKIPPED LOCATION (S)<br>TURN AROUND (T) | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY II @ 31 SY,<br>DESCRIPTION<br>SWRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 225<br>CR 258<br>CR 233<br>CR 236<br>CR 233<br>CR 236<br>CR 234<br>CR 235<br>CR 243<br>FM 1362<br>PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY, | SIDENTI           /EA) OL           /EA) OL           /EA) OL           /EA) OL           I   | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73<br>187+60<br>251+01<br>284+86<br>314+21<br>353+76<br>395+26<br>AL @ 9 SY/EA) (<br>ANTITY          | 54<br>UANTITY<br>DUANTITY<br>UANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49<br>49<br>49<br>49<br>66<br>49<br>49<br>49<br>66       |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CD<br>PRIVATE DRIVEWAYS (CE<br>TURNOUTS (TY II @ 28 SY<br>TURNOUTS (TY II @ 31 SY<br>EDESCRIPTION<br>DESCRIPTION<br>HUDSPETH RD<br>FERRILL CREEK RD<br>HARRIS LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>OPERSTENY LN<br>KURTEN CEMETERY RD<br>BS 21H  | I<br>I<br>I<br>SIDENT]<br>(//EA) Q<br>(//EA) Q<br>(//EA) Q<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I  | 128+73<br>128+73<br>128+88<br>133+06<br>138+23<br>148+23<br>146+87<br>145+46<br>241+45<br>284+22<br>AL @ 9 SY<br>AL @ 4 SY<br>JANTITY<br>JANTITY<br>JANTITY<br>FROM<br>52+69<br>72+18<br>99+26<br>133+74<br>157+40<br>197+10<br>224+82<br>282+27   | 141+08<br>/EA) QUAN<br>(/EA) QUAN<br>(/EA) QUAN<br>(/EA) QUAN | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VTITY<br>NTITY<br>LENGTH<br>(FT)<br>30<br>40<br>43<br>58<br>60<br>39<br>34<br>79                                    | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26<br>26<br>20<br>31<br>26<br>20<br>31<br>27<br>28<br>24                        | 15<br>26<br>39<br>39<br>18<br>118<br>18<br>70  | 25<br>32<br>13<br>39<br>39<br>18<br>21<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>0<br>0<br>7<br>0<br>TOTALS<br>7<br>TOTALS<br>7<br>7<br>11<br>22<br>20<br>37<br>11<br>28<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9<br>9   | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>0<br>3,313<br>2038<br>4REA<br>0<br>0<br>0<br>3,313<br>2038<br>4REA<br>(SY)<br>110<br>124<br>183<br>134<br>266<br>127<br>151<br>312     | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (RCMI<br>PRIVATE DRIVEWAYS (RCMI<br>TURNOUTS (TY I @ 28 SY/I<br>TURNOUTS (TY I @ 31 SY/<br>INTERSECTION (I)<br>RAMP (R)<br>SKIPPED LOCATION (S)<br>TURN AROUND (T) | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY II @ 31 SY,<br>DESCRIPTION<br>SWRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 225<br>CR 233<br>CR 236<br>CR 234<br>CR 235<br>CR 234<br>CR 235<br>CR 243<br>FM 1362<br>PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES                                      | SIDENTI           /EA) OL           /EA) OL           /EA) OL           /EA) OL           I   | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73<br>187+60<br>251+01<br>284+86<br>314+21<br>353+76<br>395+26<br>AL @ 9 SY/EA) (<br>ANTITY          | 54<br>UANTITY<br>DUANTITY<br>UANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49<br>49<br>49<br>49<br>66<br>49<br>49<br>49<br>66       |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (CO<br>IURNOUTS (TY I @ 28 SY<br>IURNOUTS (TY II @ 31 SY<br>COCATION NUMBER<br>DESCRIPTION<br>HUDSPETH RD<br>FERRILL CREEK RD<br>HARRIS LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>OPERSTENY LN<br>KURTEN CEMETERY RD<br>BS 21H<br>BS 21H   | I<br>I<br>I<br>SIDENT)<br>(//EA) OU<br>(//EA) OU<br>(//EA) OU<br>(//EA) OU<br>(//EA) OU<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I   | 128+73<br>128+73<br>128+88<br>133+06<br>138+23<br>140+87<br>145+46<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY<br>AL @ 4 SY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY   | 141+08<br>/EA) QUAN<br>(/EA) QUAN<br>(/EA) QUAN<br>(/EA) QUAN | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>VTITY<br>NTITY<br>LENGTH<br>(FT)<br>30<br>40<br>43<br>58<br>60<br>39<br>34<br>79<br>78                              | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26<br>26<br>WIDTH<br>(FT)<br>26<br>23<br>26<br>23<br>26<br>23<br>31<br>27<br>28 | 15<br>26<br>39<br>39<br>18<br>18<br>18<br>70   | 25<br>32<br>13<br>39<br>39<br>18<br>21<br>6<br>6<br>6<br>6<br>6<br>6<br>0<br>0<br>0<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS<br>TOTALS  | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>0<br>3,313<br><b>2038</b><br>AREA<br>AREA<br>(SY)<br>110<br>124<br>183<br>134<br>266<br>127<br>151<br>312<br>401                       | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (RCMI<br>PRIVATE DRIVEWAYS (RCMI<br>TURNOUTS (TY I @ 28 SY/I<br>TURNOUTS (TY I @ 31 SY/<br>INTERSECTION (I)<br>RAMP (R)<br>SKIPPED LOCATION (S)<br>TURN AROUND (T) | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY II @ 31 SY,<br>DESCRIPTION<br>SWRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 225<br>CR 258<br>CR 233<br>CR 236<br>CR 233<br>CR 236<br>CR 234<br>CR 235<br>CR 243<br>FM 1362<br>PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY, | SIDENTI           /EA) OL           /EA) OL           /EA) OL           /EA) OL           I   | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73<br>187+60<br>251+01<br>284+86<br>314+21<br>353+76<br>395+26<br>AL @ 9 SY/EA) (<br>ANTITY          | 54<br>UANTITY<br>DUANTITY<br>UANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49<br>49<br>49<br>49<br>49<br>66<br>49<br>49<br>49<br>49 |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (CO<br>RECORT RD<br>CONTENTION<br>MUDSPETH RD<br>FERRILL CREEK RD<br>HARRIS LN<br>DILLY SHAW TAP RD<br>OPERSTENY LN<br>KURTEN CEMETERY RD<br>BS 21H<br>PRIVATE DRIVEWAYS (CO   | I<br>I<br>I<br>MMERCI<br>SIDENT<br>V/EA) OL<br>V/EA) OL<br>V/EA) OL<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I   | 128+73<br>128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>241+45<br>284+22<br>AL @ 9 SY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY<br>JANTITY | 141+08<br>/EA) QUAN<br>(/EA) QUAN<br>TO<br>TO<br>CONS         | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>95<br>111<br>28<br>61<br>28<br>62<br>111<br>28<br>62<br>39<br>40<br>43<br>58<br>60<br>39<br>34<br>79<br>78<br>VIITY | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26<br>26<br>20<br>31<br>26<br>20<br>31<br>27<br>28<br>24                        | 15<br>26<br>39<br>39<br>18<br>118<br>18<br>70  | 25<br>32<br>13<br>39<br>18<br>39<br>18<br>21<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>7<br>0<br>TOTALS<br>7<br>TOTALS<br>7<br>TOTALS<br>7<br>TOTALS<br>7<br>11<br>22<br>20<br>37<br>11<br>28<br>19<br>37<br>37<br>37<br>37<br>37<br>37<br>37<br>39<br>37<br>39<br>37<br>39<br>37<br>37<br>39<br>39<br>39<br>39<br>39<br>39<br>39<br>39<br>39<br>39<br>39<br>39<br>39   | 215<br>106<br>98<br>931<br>991<br>53<br>559<br>53<br>307<br>54<br>264<br>0<br>0<br>2264<br>0<br>0<br>2264<br>0<br>0<br>3,313<br>2038<br>AREA<br>(SY)<br>110<br>124<br>183<br>134<br>266<br>127<br>151<br>312<br>401<br>27 | HUDSPETH RD<br>HARRIS LN<br>WILCOX LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>CEDAR OAKS DR<br>CREEK SHADOWS DR<br>WELCH RD<br>WIXON DR<br>KURTEN CEMETERY<br>PRIVATE DRIVEWAYS (RCMI<br>PRIVATE DRIVEWAYS (RCMI<br>TURNOUTS (TY I @ 28 SY/I<br>TURNOUTS (TY I @ 31 SY/<br>INTERSECTION (I)<br>RAMP (R)<br>SKIPPED LOCATION (S)<br>TURN AROUND (T) | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>E<br>RCI | FROM<br>51+53<br>99+84<br>129+04<br>156+13<br>156+13<br>156+13<br>187+49<br>197+10<br>198+26<br>204+12<br>211+68<br>AL @ 9 SY<br>IAL @ 4 S<br>JANTITY | T0         | (FT)<br>45<br>46<br>49<br>31<br>46<br>38<br>46<br>44<br>49<br>36<br>NTITY | 29<br>28<br>27<br>21<br>12<br>20<br>20<br>22<br>22<br>26 | (FT)<br>18<br>18<br>27<br>22<br>28<br>17<br>29<br>26<br>41 | (FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY II @ 31 SY,<br>DESCRIPTION<br>SWRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 225<br>CR 258<br>CR 233<br>CR 236<br>CR 233<br>CR 236<br>CR 234<br>CR 235<br>CR 243<br>FM 1362<br>PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY, | SIDENTI           /EA) OL           /EA) OL           /EA) OL           /EA) OL           I   | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73<br>187+60<br>251+01<br>284+86<br>314+21<br>353+76<br>395+26<br>AL @ 9 SY/EA) (<br>ANTITY          | 54<br>UANTITY<br>DUANTITY<br>UANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49<br>49<br>49<br>49<br>49<br>66<br>49<br>49<br>49<br>49 |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (CE<br>TURNOUTS (TY II @ 28 SY<br>TURNOUTS (TY II @ 31 SY<br>EDESCRIPTION<br>EDESCRIPTION<br>HUDSPETH RD<br>FERRILL CREEK RD<br>HARRIS LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>OPERSTENY LN<br>KURTEN CEMETERY RD<br>BS 21H   | I<br>I<br>I<br>MMERCI<br>SIDENT<br>(ZEA) OU<br>(ZEA) OU<br>(ZEA) OU<br>(ZEA) OU<br>(ZEA) OU<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I   | 128+73<br>128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>241+45<br>284+22<br>AL @ 9 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| 141+08<br>/EA) QUAN<br>(/EA) QUAN<br>TO<br>TO<br>CONS         | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>95<br>111<br>28<br>61<br>28<br>62<br>111<br>28<br>62<br>39<br>40<br>43<br>58<br>60<br>39<br>34<br>79<br>78<br>VIITY | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26<br>26<br>20<br>31<br>26<br>20<br>31<br>27<br>28<br>24                        | 15<br>26<br>39<br>39<br>18<br>118<br>18<br>70  | 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(FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY II @ 31 SY,<br>DESCRIPTION<br>SWRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 225<br>CR 258<br>CR 233<br>CR 236<br>CR 233<br>CR 236<br>CR 234<br>CR 235<br>CR 243<br>FM 1362<br>PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY, | SIDENTI           /EA) OL           /EA) OL           /EA) OL           /EA) OL           I   | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73<br>187+60<br>251+01<br>284+86<br>314+21<br>353+76<br>395+26<br>AL @ 9 SY/EA) (<br>ANTITY          | 54<br>UANTITY<br>DUANTITY<br>UANTITY<br>LENGTH<br>(FT)<br>41<br>8<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49<br>49<br>49<br>49<br>49<br>66<br>49<br>49<br>49<br>49 |      |
| WEBSTER ST<br>PIERCE ST<br>FM 2154<br>FM 2154<br>RAILROAD CROSSING<br>MILLICAN CUT OFF<br>MATT WRIGHT RD<br>JERICHO RD<br>McCRORY RD<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (RE<br>TURNOUTS (TY II @ 28 SY<br>TURNOUTS (TY II @ 31 SY<br>LOCATION NUMBER<br>DESCRIPTION<br>HUDSPETH RD<br>FERRILL CREEK RD<br>HARRIS LN<br>DILLY SHAW TAP RD<br>DILLY SHAW TAP RD<br>OPERSTENY LN<br>KURTEN CEMETERY RD<br>BS 21H<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (RE   | I<br>I<br>I<br>MMERCI<br>SIDENT<br>(/EA) OU<br>(/EA) OU<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I   | 128+73<br>128+73<br>128+88<br>133+06<br>138+23<br>138+23<br>140+87<br>145+46<br>174+66<br>241+45<br>284+22<br>284+22<br>284+22<br>AL @ 9 SY<br>AL @ 4 SY<br>JANTITY<br>157+40<br>197+10<br>224+82<br>282+27<br>298+58<br>AL @ 9 SY<br>AL @ 4 SY<br>JANTITY   | 141+08<br>/EA) QUAN<br>(/EA) QUAN<br>TO<br>TO<br>CONS         | 61<br>38<br>28<br>286<br>295<br>21<br>61<br>28<br>62<br>95<br>111<br>28<br>61<br>28<br>62<br>111<br>28<br>62<br>39<br>40<br>43<br>58<br>60<br>39<br>34<br>79<br>78<br>VIITY | 18<br>25<br>27<br>28<br>16<br>28<br>12<br>26<br>26<br>20<br>31<br>26<br>20<br>31<br>27<br>28<br>24                        | 15<br>26<br>39<br>39<br>18<br>118<br>18<br>70  | 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(FT)<br>53<br>33<br>32<br>22<br>15<br>17<br>45<br>30<br>42<br>32<br>4<br>30<br>32<br>4<br>30<br>0 | 220<br>177<br>189<br>96<br>86<br>99<br>171<br>146<br>224<br>157<br>36<br>120<br>84<br>0 | PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY,<br>TURNOUTS (TY II @ 31 SY,<br>DESCRIPTION<br>SWRIGHT ST<br>CONCRETE BRIDGE<br>FM 3058<br>CR 307<br>CR 232<br>CR 225<br>CR 225<br>CR 258<br>CR 233<br>CR 236<br>CR 233<br>CR 236<br>CR 234<br>CR 235<br>CR 243<br>FM 1362<br>PRIVATE DRIVEWAYS (COM<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY, | SIDENTI           /EA) OL           /EA) OL           /EA) OL           /EA) OL           I   | 142+82<br>AL @ 9 SY/EA) (<br>AL @ 4 SY/EA) (<br>ANTITY<br>JANTITY<br>JANTITY<br>STATIONS<br>FROM TO<br>-1+21<br>7+60 8+0<br>51+96<br>92+88<br>101+27<br>103+86<br>161+73<br>187+60<br>251+01<br>284+86<br>314+21<br>353+76<br>395+26<br>AL @ 9 SY/EA) (<br>ANTITY          | 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|        | 72<br>79  | 30   | 23   | 22   | 265  |
|        |   | 41   | 40   | 51   | 461  |
|        | 101   | 25   | 83   | 37   | 478  |
|        | 66  | 30   | 37   | 40   | 291  |
|        | 81  | 47   | 35   | 33   | 479  |
|        | 67  | 23   | 24   | 51   | 247  |
|        | 73  | 21   | 23   | 19   | 192  |
|        | 920   | 25   | 30   | 30   | 2599   |
|        | 64  | 24   | 29   | 38   | 226  |
|        | 74  | 26   | 43   | 39   | 295  |
| —      | 79  | 19   | 47   | 50   | 280  |
|        | 104   | 26   | 42   | 73   | 470  |
|        | 80  | 27   | 22   | 31   | 275  |
|        | 67  | 18   | 15   | 49   | 197  |
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|        | 111   | 20   | 33   | 80   | 426  |
|        | 55  | 27   | 19   | 36   | 205  |
|        | 86  | 24   | 35   | 40   | 297  |
|        | 72  | 22   | 32   | 34   | 228  |
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|        |   |  | RAD  | IUS  | ^REA   |
|        | LENGTH  |  | RAD  |  | AREA   |
|        |   | WIDTH  | RAD<br>LT  | RT   |  |
|        | (FT)  | WIDTH<br>(FT)  | RAD<br>LT<br>(FT)  | RT<br>(FT)   | (SY)   |
|        | (FT)<br>47  | WIDTH<br>(FT)<br>19  | RAD<br>LT<br>(FT)<br>11  | RT<br>(FT)<br>28   | (SY)<br>121  |
|        | (FT)<br>47<br>52  | WIDTH<br>(FT)<br>19<br>20  | RAD<br>LT<br>(FT)<br>11<br>14  | RT<br>(FT)<br>28<br>14   | (SY)<br>121<br>125   |
|        | (FT)<br>47<br>52<br>54  | WIDTH<br>(FT)<br>19<br>20<br>16  | RAD<br>LT<br>(FT)<br>11<br>14<br>20  | RT<br>(FT)<br>28<br>14<br>23   | (SY)<br>121<br>125<br>119  |
|        | (FT)<br>47<br>52<br>54<br>73  | WIDTH<br>(FT)<br>19<br>20<br>16<br>22  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31  | RT<br>(FT)<br>28<br>14<br>23<br>107  | (SY)<br>121<br>125<br>119<br>475   |
|        | (FT)<br>47<br>52<br>54<br>73<br>54  | WIDTH<br>(FT)<br>19<br>20<br>16  | RAD<br>LT<br>(FT)<br>11<br>14<br>20  | RT<br>(FT)<br>28<br>14<br>23   | (SY)<br>121<br>125<br>119  |
|        | (FT)<br>47<br>52<br>54<br>73  | WIDTH<br>(FT)<br>19<br>20<br>16<br>22  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31  | RT<br>(FT)<br>28<br>14<br>23<br>107  | (SY)<br>121<br>125<br>119<br>475   |
|        | (FT)<br>47<br>52<br>54<br>73<br>54  | WIDTH<br>(FT)<br>19<br>20<br>16<br>22  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73  | (SY)<br>121<br>125<br>119<br>475<br>316  |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY   | WIDTH<br>(FT)<br>19<br>20<br>16<br>22  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0   | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø   |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY   | WIDTH<br>(FT)<br>19<br>20<br>16<br>22  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>Ø  |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY   | WIDTH<br>(FT)<br>19<br>20<br>16<br>22  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17   | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>Ø<br>476   |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY   | WIDTH<br>(FT)<br>19<br>20<br>16<br>22  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>17<br>5   | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>Ø<br>476<br>155  |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY   | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>17<br>5   | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>0<br>476<br>155<br>1,787   |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY   | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>40  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>TOTALS  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>0<br>476<br>155<br>1,787   |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY   | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>TOTALS  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>0<br>476<br>155<br>1,787   |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY  | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>40  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>TOTALS  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b>  |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>LENGTH  | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25<br>25<br>WIDTH   | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>5<br>TOTALS<br>FM<br>IUS<br>RT  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA  |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>LENGTH<br>(FT)  | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25<br>25<br>WIDTH<br>(FT)   | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>17<br>5<br>TOTALS<br>FM<br>IUS<br>RT<br>(FT)  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1.787<br><b>166</b><br>AREA<br>(SY)  |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>LENGTH  | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25<br>25<br>WIDTH   | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>5<br>TOTALS<br>FM<br>IUS<br>RT  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA  |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41  | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25<br>25<br>WIDTH<br>(FT)<br>20   | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>TOTALS<br>TOTALS<br>IUS<br>RT<br>(FT)<br>21   | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113   |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41  | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25<br>25<br>WIDTH<br>(FT)<br>20<br>25   | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>5<br>TOTALS<br>FM<br>IUS<br>RT<br>(FT)<br>21<br>21<br>37  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682  |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41<br>108<br>46   | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25<br>25<br>WIDTH<br>(FT)<br>20<br>25<br>33   | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>5<br>TOTALS<br>TOTALS<br>RT<br>(FT)<br>21<br>37<br>36   | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223   |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41<br>108<br>46<br>57   | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25<br>25<br>WIDTH<br>(FT)<br>20<br>25<br>33<br>20   | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>5<br>TOTALS<br><b>FM</b><br>IUS<br>RT<br>(FT)<br>21<br>37<br>36<br>17   | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194  |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41<br>108<br>46<br>57<br>39  | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25<br>35<br>WIDTH<br>(FT)<br>20<br>25<br>33<br>20<br>27   | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>31<br>40<br>40<br>  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>TOTALS<br>TOTALS<br>RT<br>(FT)<br>21<br>37<br>36<br>17<br>34  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194<br>153   |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41<br>108<br>46<br>57   | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25<br>25<br>WIDTH<br>(FT)<br>20<br>25<br>33<br>20   | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>5<br>TOTALS<br><b>FM</b><br>IUS<br>RT<br>(FT)<br>21<br>37<br>36<br>17   | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194  |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41<br>108<br>46<br>57<br>39  | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25<br>25<br>WIDTH<br>(FT)<br>20<br>25<br>33<br>20<br>27   | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>31<br>40<br>40<br>  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>TOTALS<br>TOTALS<br>RT<br>(FT)<br>21<br>37<br>36<br>17<br>34  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194<br>153   |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41<br>(FT)<br>41<br>108<br>46<br>57<br>39<br>67   | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25<br>  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>31<br>40<br>40<br>40<br>40<br>40<br>50<br>121<br>121<br>31<br>50<br>18<br>33  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>TOTALS<br><b>FM</b><br>IUS<br>RT<br>(FT)<br>21<br>37<br>36<br>17<br>36<br>17<br>34<br>94  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194<br>153<br>4Ø1<br>252   |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41<br>108<br>46<br>57<br>39<br>67<br>79<br>68  | WIDTH<br>(FT)<br>19<br>20<br>16<br>22<br>25<br>25<br>WIDTH<br>(FT)<br>20<br>(FT)<br>20<br>25<br>33<br>20<br>27<br>22<br>27<br>22<br>27<br>26                               | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>31<br>40<br>40<br>40<br>40<br>40<br>50<br>1121<br>31<br>50<br>18<br>33<br>0<br>69   | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>17<br>5<br>TOTALS<br>TOTALS<br><b>FM</b><br>IUS<br>RT<br>(FT)<br>21<br>37<br>36<br>17<br>34<br>94<br>25<br>39   | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194<br>153<br>4Ø1<br>252<br>347  |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>4<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49   | <pre>WIDTH (FT) 19 20 16 22 25  WIDTH (FT) 20  (FT) 20 25 33 20 27 22 27 26 30</pre>   | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>31<br>40<br>40<br>40<br>40<br>40<br>11<br>40<br>12<br>121<br>31<br>50<br>18<br>33<br>0<br>69<br>36                          | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>TOTALS<br>TOTALS<br>TOTALS<br>RT<br>(FT)<br>21<br>37<br>36<br>17<br>34<br>94<br>25<br>39<br>28  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194<br>153<br>401<br>252<br>347<br>213   |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49<br>49                                      | WIDTH<br>(FT)<br>19<br>20<br>25<br>25<br>25<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>5<br>3<br>3<br>20<br>25<br>33<br>20<br>27<br>22<br>27<br>22<br>6<br>30<br>26<br>30<br>26 | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>TOTALS<br>TOTALS<br><b>FM</b><br>IUS<br>RT<br>(FT)<br>21<br>37<br>36<br>17<br>34<br>94<br>25<br>39<br>28<br>60  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194<br>153<br>401<br>252<br>347<br>213<br>251  |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41<br>(FT)<br>41<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49<br>66                        | <pre>WIDTH (FT) 19 20 16 22 25 33 WIDTH (FT) 20 (FT) 20 25 33 20 27 22 27 26 30 26 30 26 23</pre>  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>31<br>40<br>40<br>31<br>40<br>40<br>51<br>12<br>121<br>31<br>50<br>121<br>31<br>50<br>18<br>33<br>0<br>69<br>36<br>31<br>36 | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>5<br>TOTALS<br>TOTALS<br>RT<br>(FT)<br>21<br>US<br>RT<br>(FT)<br>21<br>37<br>36<br>17<br>34<br>94<br>25<br>39<br>28<br>60<br>32   | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194<br>153<br>401<br>252<br>347<br>213<br>251<br>224                                 |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49<br>49<br>49<br>66<br>47                    | WIDTH<br>(FT)<br>19<br>20<br>25<br>25<br>25<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>5<br>3<br>3<br>20<br>25<br>33<br>20<br>27<br>22<br>27<br>22<br>6<br>30<br>26<br>30<br>26 | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40<br>40  | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>TOTALS<br>TOTALS<br><b>FM</b><br>IUS<br>RT<br>(FT)<br>21<br>37<br>36<br>17<br>34<br>94<br>25<br>39<br>28<br>60<br>32<br>56  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1.787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194<br>153<br>4Ø1<br>252<br>347<br>213<br>251<br>224<br>276                          |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41<br>(FT)<br>41<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49<br>66                        | <pre>WIDTH (FT) 19 20 16 22 25 33 WIDTH (FT) 20 (FT) 20 25 33 20 27 22 27 26 30 26 30 26 23</pre>  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>31<br>40<br>40<br>31<br>40<br>40<br>51<br>12<br>121<br>31<br>50<br>121<br>31<br>50<br>18<br>33<br>0<br>69<br>36<br>31<br>36 | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>5<br>TOTALS<br>TOTALS<br>RT<br>(FT)<br>21<br>US<br>RT<br>(FT)<br>21<br>37<br>36<br>17<br>34<br>94<br>25<br>39<br>28<br>60<br>32   | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194<br>153<br>401<br>252<br>347<br>213<br>251<br>224                                 |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>NTITY<br>NTITY<br>NTITY<br>LENGTH<br>(FT)<br>41<br>108<br>46<br>57<br>39<br>67<br>79<br>68<br>49<br>49<br>49<br>66<br>47                    | <pre>WIDTH (FT) 19 20 16 22 25 33 WIDTH (FT) 20 (FT) 20 25 33 20 27 22 27 26 30 26 30 26 23</pre>  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>31<br>40<br>40<br>31<br>40<br>40<br>51<br>12<br>121<br>31<br>50<br>121<br>31<br>50<br>18<br>33<br>0<br>69<br>36<br>31<br>36 | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>0<br>17<br>5<br>TOTALS<br>TOTALS<br><b>FM</b><br>IUS<br>RT<br>(FT)<br>21<br>37<br>36<br>17<br>34<br>94<br>25<br>39<br>28<br>60<br>32<br>56  | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1.787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194<br>153<br>4Ø1<br>252<br>347<br>213<br>251<br>224<br>276                          |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>73<br>54<br>73<br>54<br>73<br>84<br>73<br>84<br>73<br>9<br>73<br>67<br>79<br>68<br>49<br>49<br>66<br>68<br>49<br>49<br>66<br>66<br>47<br>77 | <pre>WIDTH (FT) 19 20 16 22 25 33 WIDTH (FT) 20 (FT) 20 25 33 20 27 22 27 26 30 26 30 26 23</pre>  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>31<br>40<br>40<br>31<br>40<br>40<br>51<br>12<br>121<br>31<br>50<br>121<br>31<br>50<br>18<br>33<br>0<br>69<br>36<br>31<br>36 | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>17<br>5<br>TOTALS<br>TOTALS<br><b>FM</b><br>IUS<br>RT<br>(FT)<br>21<br>US<br>RT<br>(FT)<br>21<br>37<br>36<br>37<br>37<br>36<br>17<br>34<br>28<br>39<br>28<br>60<br>32<br>56<br>60                     | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194<br>153<br>401<br>252<br>347<br>213<br>251<br>224<br>276<br>Ø                     |
|        | (FT)<br>47<br>52<br>54<br>73<br>54<br>73<br>54<br>73<br>54<br>73<br>84<br>73<br>84<br>73<br>9<br>73<br>67<br>79<br>68<br>49<br>49<br>66<br>68<br>49<br>49<br>66<br>66<br>47<br>77 | <pre>WIDTH (FT) 19 20 16 22 25 33 WIDTH (FT) 20 (FT) 20 25 33 20 27 22 27 26 30 26 30 26 23</pre>  | RAD<br>LT<br>(FT)<br>11<br>14<br>20<br>31<br>40<br>31<br>40<br>40<br>31<br>40<br>40<br>51<br>12<br>121<br>31<br>50<br>121<br>31<br>50<br>18<br>33<br>0<br>69<br>36<br>31<br>36 | RT<br>(FT)<br>28<br>14<br>23<br>107<br>73<br>0<br>0<br>17<br>5<br>TOTALS<br>TOTALS<br><b>FM</b><br>IUS<br>RT<br>(FT)<br>21<br>US<br>RT<br>(FT)<br>21<br>37<br>36<br>7<br>37<br>36<br>7<br>34<br>94<br>25<br>39<br>28<br>60<br>28<br>60<br>22<br>56<br>0<br>0 | (SY)<br>121<br>125<br>119<br>475<br>316<br>Ø<br>476<br>155<br>1,787<br><b>166</b><br>AREA<br>(SY)<br>113<br>682<br>223<br>194<br>153<br>194<br>153<br>401<br>252<br>347<br>213<br>251<br>224<br>276<br>Ø<br>48 |

|   | PRINT DATE          | REVISION DATE |
|---|---------------------|---------------|
|   | \$DATE\$            |               |
| Texas Dep<br>of Transpo<br>Bryan District | artment<br>ortation | <b>©</b> 2024 |
| INTERSECTIONS                             | , RAMF              | S             |
| DRIVEWAYS, TUP                            | RNOUT               | S,            |
| AND SKIPPED LO                            | CATIO               | NS            |
| SHEET 01 OF 10 SHE                        | ETS                 |               |

|                      | SHEET 01 OF 10 SHEETS |        |            |           |  |  |  |  |  |  |  |  |  |
|----------------------|-----------------------|--------|------------|-----------|--|--|--|--|--|--|--|--|--|
| FED. RD.<br>DIV. NO. | PROJECT               | NUMBER | HIGHWAY    | NUMBER    |  |  |  |  |  |  |  |  |  |
| 6                    | F 202                 | 5(135) | , ETC.     |           |  |  |  |  |  |  |  |  |  |
| STATE                | DISTRICT              | COUNTY |            |           |  |  |  |  |  |  |  |  |  |
| TEXAS                | BRY                   | G      | RIMES, ETC | ).        |  |  |  |  |  |  |  |  |  |
| CONTROL              | SECTION               | JC     | рв         | SHEET NO. |  |  |  |  |  |  |  |  |  |
| 0050                 | 11                    | 023,   | 25         |           |  |  |  |  |  |  |  |  |  |

|  | 10   |   |                          | H     | IGHWAY   | US                             | 79                                       | LOCATION NUMBER  | 12  |  |                |                            | ł                   | IGHWAY                        | FN  | M 80   | LOCATION NUMBER      | 16                   |   | HIGHWAY I   | FM 2777   |
|--|--|---|--------------------------|-------|----------|--------------------------------|--|--|---|--|----------------|----------------------------|---------------------|-------------------------------|---|--|----------------------|----------------------|---|---|---|
|  |  |   | . ENOT                   |       | RAE      | DIUS                           |  |  |   | 0.7.1.7  |                | L ENOTI                    |                     | RAE                           | IUS   |  |                      |                      |   | RADIUS  |   |
| DESCRIPTION  | TYPE   | STATIONS  | LENGTH                   |       | LT       | RT                             | AREA                                     | DESCRIPTION  | TYPE  | .  STAT<br>.   | IONS           | LENGTH                     | WIDTH               | ΙT                            | RT  | AREA   | DESCRIPTION          | TYPE STATION         | S LENGTH WIDTH  | LTR   | AR  |
|  | F F  | ROM TO  | (FT)                     | (FT)  | (FT)     | (FT)                           | (SY)                                     |  |   | FROM   | ТО             | (FT)                       | (FT)                | (FT)                          | (FT)  | (SY)   |                      | FROM                 | TO (FT) (FT)  | (FT) (F   |   |
| EXIT RAMP  | R 12   | 2+25  |                          |       |          |                                |  | CR 960   | I   | 61+99  |                | 37                         | 16                  | 24                            | 41  | 120  | CR 920               | I 8+76               | 40 17   | 25 2  | 9 11  |
| ENTERANCE RAMP   | R 17   | 7+27  |                          |       |          |                                |  | CR 950   | I   | 94+09  |                | 83                         | 16                  | 37                            | 54  | 250  | CR 900               | I 94+46              | 45 19   | 27 2  | 21 12   |
| ENTERANCE RAMP   | R 19   | 9+59  |                          |       |          |                                |  | CR 961   | I   | 112+20   |                | 37                         | 20                  | 32                            | 16  | 113  | PRIVATE DRIVEWAYS (C | COMMERCIAL @ 9 SY/EA | ) QUANTITY  |   | 2 0   |
| CR 310   | I 2'   | 14+16   | 55                       | 20    | 30       | 26                             | 16Ø                                      | CR 947   | Ι   | 153+23   |                | 16                         | 15                  | 17                            | 19  | 43   | PRIVATE DRIVEWAYS (F | RESIDENTIAL @ 4 SY/E | A) QUANTITY   | 12  | 2 4   |
| CR 325   | I 22   | 26+20   | 34                       | 13    | 9        | 20                             | 61                                       | CR 948   | Ι   | 192+14   |                | 58                         | 13                  | 30                            | 61  | 194  | TURNOUTS (TY I @ 28  | SY/EA) QUANTITY      |   | 4   | 4 11  |
| RIVATE DRIVEWAYS (COMM   | MERCIAL  | @ 9 SY/EA) QUAN   | NTITY                    |       |          | 4                              | 36                                       | CR 952   | Ι   | 258+40   |                | 87                         | 32                  | 77                            | 33  | 477  | TURNOUTS (TY II @ 31 | SY/EA) QUANTITY      |   | 2   | 2 6   |
| RIVATE DRIVEWAYS (RESI   | DENTIAL  | @ 4 SY/EA) QUA  | NTITY                    |       |          | 22                             | 88                                       | CR 937   | Ι   | 288+Ø8   |                | 87                         | 32                  | 77                            | 33  | 477  |                      |                      |   | TOT   | ALS 4   |
| URNOUTS (TY I @ 28 SY/E  |  |   |                          |       |          | Ø                              | Ø  | CR 930   | Ι   | 312+58   |                | 58                         | 23                  | 24                            | 50  | 222  |                      |                      |   |   |   |
| URNOUTS (TY II @ 31 SY/B   | EA) QUAN   | TITY  |                          |       |          | 9                              | 279                                      | CR 930   | I   | 365+38   |                | 70                         | 22                  | 109                           | 19  | 464  | LOCATION NUMBER      | 17                   |   | HIGHWAY   | FM 1124   |
|  |  |   |                          |       |          | TOTALS                         | 624                                      | CR 868   | I   | 357+30   |                | 62                         | 22                  | 63                            | 59  | 330  |                      |                      |   | RADIUS  |   |
|  |  |   |                          |       |          |                                |  | CR 856   | I   | 367+01   |                | 20                         | 10                  | 22                            | 12  | 38   | DESCRIPTION          | TYPE STATION         | S LENGTH WIDTH  |   | AF  |
| OCATION NUMBER   |  |   | 1                        | ŀ     | IGHWAY   | FM                             | 488                                      | PRIVATE DRIVEWAYS (CO  |   |  |                |                            |                     |                               | 2   | 18   | DESCRIPTION          |                      |   | LT R  |   |
|  |  | 1   |                          |       | RAL      | IUS                            |  | PRIVATE DRIVEWAYS (RE  | SIDENT  | [AL @ 4 S)   | //EA) QU       | ANTITY                     |                     |                               | 11  | 44   |                      | FROM                 | TO (FT) (FT)  | (FT) (F   | T) (S   |
| DESCRIPTION  | TYPE   | STATIONS  | LENGTH                   | WIDTH |          |                                | AREA                                     | TURNOUTS (TY I @ 28 S)   |   |  |                |                            |                     |                               | Ø   | Ø  | CONCRETE BRIDGE      |                      | 2+13  | ļ   |   |
|  |  |   |                          |       | LT       | RT                             |  | TURNOUTS (TY II @ 31 S   | Y/EA) Q   | UANTITY  |                |                            |                     |                               | 22  | 682  | CR 210               | I 95+46              | 60 23   | 54 14   |   |
|  |  | ROM TO  | (FT)                     | (FT)  | (FT)     | (FT)                           | (SY)                                     |  |   |  |                |                            |                     |                               | TOTALS  | S 3472   | PRIVATE DRIVEWAYS (C |                      |   | 0   |   |
| CONCRETE BRIDGE  |  | 6+23 22+28  |                          |       |          |                                | ļ  |  |   |  |                |                            |                     |                               |   |  |                      | RESIDENTIAL @ 4 SY/E | A) QUANTITY   | 2   |   |
| CR 200   |  | 58+Ø8   | 42                       | 19    | 41       | 15                             | 135                                      | LOCATION NUMBER  | 13  |  |                |                            | ŀ                   | IGHWAY                        | FM  | 1366   | TURNOUTS (TY I @ 28  |                      |   | 2   |   |
| FM 416   |  | 56+02   | 56                       | 23    | 54       | 54                             | 283                                      |  |   |  |                |                            |                     | RAE                           | IUS   |  | TURNOUTS (TY II @ 31 | SY/EA) QUANTITY      |   |   | -   |
| CONCRETE BRIDGE  |  | 04+60 208+98  |                          |       |          |                                |  | DESCRIPTION  | TYPE  | STA1   | IONS           | LENGTH                     | WIDTH               |                               |   | AREA   |                      |                      |   | TOT   | ALS 2   |
| CONCRETE BRIDGE  |  | 30+37 234+85  |                          |       |          |                                |  |  |   |  |                |                            |                     | LT                            | RT  | (0)()  |                      |                      |   |   |   |
| FM 1124  |  | 54+45   | 158                      | 22    | 47       | 67                             | 546                                      |  |   | FROM   | ТО             | (FT)                       | (FT)                | (FT)                          | (FT)  | (SY)   | LOCATION NUMBER      | 18                   |   | HIGHWAY   | SS 114  |
| CR 221   |  | 26+83   | 97                       | 19    | 170      | 22                             | 906                                      | CR 971   |   | 53+28  |                | 21                         | 22                  | 25                            | 25  | 82   |                      |                      |   | RADIUS  |   |
| CR 221   |  | 07+62   | 54                       | 13    | 27       | 6                              | 97                                       | CR 960   | I   | 88+28  |                | 34                         | 18                  | 35                            | 26  | 114  | DESCRIPTION          | TYPE STATION         | S LENGTH WIDTH  |   | A   |
| FM 833   | 1 1  | 40+41   |                          |       |          |                                |  | CR 970   | I   | 89+97  |                | 28                         | 17                  | 27                            | 27  | 88   |                      |                      |   | LT R  |   |
| CR 222   | 1 1  | 46+06   | 39                       | 18    | 13       | 16                             | 89                                       | CR 975   | I   | 180+95   |                | 44                         | 16                  | 28                            | 27  | 115  |                      |                      | TO (FT) (FT)  | (FT) (F   |   |
| CR 130   | 1 1  | 01+76   | 50                       | 21    | 27       | 47                             | 187                                      | CR 961   |   | 276+83   |                | 130                        | 19                  | 11                            | 0   | 278  | N/A                  |                      | N/A N/A N/A   | N/A N/  |   |
| CR 221   |  | 01+76   | 49                       | 18    | 25       | 30                             | 135                                      | CR 967   |   | 314+90   |                | 33                         | 19                  | 24                            | 21  | 94   | PRIVATE DRIVEWAYS (C |                      |   |   |   |
| CR 111   |  | 18+08   | 48                       | 20    | 19       | 46                             | 166                                      | CR 930   |   | 321+97   |                | 42                         | 22                  | 26                            | 26  | 135  | PRIVATE DRIVEWAYS (F |                      | A) QUANIIIY   | 3   |   |
| CR 114   |  | 99+55   | 38                       | 20    | 26       | 27                             | 118                                      | FS1366   |   | 321+97   |                | 18                         | 13                  | 20                            | 20  | 46   | TURNOUTS (TY I @ 28  |                      |   | 1   | -   |
| CR 228   |  | 64+49   | 49                       | 19    | 16       | 104                            | 368                                      | CR 925   |   | 328+57   |                | 23                         | 19                  | 17                            | 17  | 63   | TURNOUTS (TY II @ 31 | SY/EA) QUANTITY      |   |   | 1   |
| CR 116   |  | 69+77   | 106                      | 16    | 17       | 92                             | 398                                      | PRIVATE DRIVEWAYS (CO  |   |  |                |                            |                     |                               | 1   | 9  |                      |                      |   | 101   | ALS   |
| CR 116   |  | 71+04   | 142                      | 17    | 154      | 12                             | 838                                      | PRIVATE DRIVEWAYS (RE  |   |  | 7EA) UU        | ANTITY                     |                     |                               | 4   | 16   |                      | 10                   |   |   | <u></u>   |
| CR 115   |  | 97+23   | 40                       | 18    | 20       | 22                             | 102                                      | TURNOUTS (TY I @ 28 S)   |   |  |                |                            |                     |                               | 8   | 224  | LOCATION NUMBER      | 19                   |   | HIGHWAY I   | FM 107  |
| CR 101   |  | 18+40   | 51                       | 24    | 18       |                                | 428                                      | TURNOUTS (TY II @ 31 S   | Y/EA) U   | UANTITY  |                |                            |                     |                               |   | 279  |                      |                      |   | RADIUS  |   |
| FM 2570  |  | 62+75   | 35                       | 27    | 36       | 19                             | 145                                      |  |   |  |                |                            |                     |                               | TUTALS  | S 1,543  | DESCRIPTION          | TYPE STATION         | S LENGTH WIDTH  | LTR   |   |
| FM 2570  | R 86   |   | 196                      | 26    | 12       | 0                              | 570                                      | LOCATION NUMBER  | 14  |  |                |                            |                     | ICHWAY                        | EC  | 1266   |                      | FROM                 | TO (FT) (FT)  | LT R<br>(FT) (F   |   |
| FRYER LN   |  | 67+77   | 49                       | 22    | 15       | 42                             | 168                                      |  |   |  |                |                            | F                   | IUNWHI                        | F 3   | 1300   | N/A                  |                      | TO (FT) (FT)<br>N/A N/A N/A   | N/A N/  |   |
| CR 101   | 1 1  | 99+50   | 62                       | 19    | 92       | 18                             | 341                                      |  |   | CTA1   | IONS           | LENGTH                     | мтоты               | RAE                           | IUS   | AREA   | PRIVATE DRIVEWAYS (C |                      |   |   |   |
| TALFORD ST   |  | 10+27   | 51                       | 22    | 29       | 23                             | 158                                      | DESCRIPTION  | TYPE  | .  SIHI<br>.   | 10115          | LENGIH                     | WIDIH               | LT                            | RT  |  | PRIVATE DRIVEWAYS (F |                      |   | 2   |   |
| CHILDS DR  |  | 11+59   | 51                       | 20    | 64       | 18                             | 219                                      |  |   | FROM   | то             | (FT)                       | (FT)                | (FT)                          | (FT)  | (SY)   | TURNOUTS (TY I @ 28  |                      |   |   |   |
| OAK RIDGE DR   | 1 1  | 15+76   | 60                       | 21    | 89       | 18                             | 337                                      | CR 967   | т   | Ø5+17  | 10             | 26                         |                     |                               |   |  | TURNOUTS (TY II @ 31 |                      |   |   | 2   |
| OAK ST   |  | 24+42   | 62                       | 23    | 82       | 24                             | 333                                      | CR 965   | Т   | Ø8+55  |                | 42                         | 14<br>16            | 18<br>33                      | 18<br>32  | 56<br>126  |                      | JI/LH/ BUHNIIII      |   |   | ALS   |
|  |  | 32+55   | 42                       | 18    | 27       | 21                             | 112                                      | CR 965   | <u>т</u>  | 11+46  | 1              | 42<br>55                   | 16                  | 20                            | 32  | 126  |                      |                      |   | 101   | <u>ur 2</u>   |
| SNEED ST   | 1 1 9  | 39+10   | 42                       | 17    | 42       | 28                             | 141                                      | PRIVATE DRIVEWAYS (CO  |   |  |                |                            | 17                  | 210                           | 0<br>0  | 0  |                      |                      |   |   |   |
| BONNER ST  |  |   | 40                       | 20    | 35       | <u>28</u><br>35                | 137<br>129                               | PRIVATE DRIVEWAYS (CO  |   |  |                |                            |                     |                               | ש<br>1  | 4  |                      |                      |   |   |   |
| BONNER ST<br>LOVE ST   | I 94   | 44+91   |                          |       |          |                                | 1 124 1                                  | LIVING DUIVENHIS (RE   |   |  | /LH/ UU        |                            |                     |                               | 1 1   | 1 4  |                      |                      |   |   |   |
| BONNER ST<br>LOVE ST<br>VFW LN   | I 94   | 48+55   | 41                       | 17    | 30       |                                |  | TURNINUTS (TV T & 20 C)  | //EAN O   |  |                |                            |                     |                               | F   | 1/0  |                      |                      |   | PRINT   |   |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST  | I 94<br>I 94<br>I 95   | 48+55<br>50+14  | 41<br>35                 | 28    | 32       | 32                             | 158                                      | TURNOUTS (TY I @ 28 S)   |   |  |                |                            |                     |                               | 5   | 140  |                      | -                    |   |   | ATE\$   |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST<br>E MAIN ST   | I 92<br>I 94<br>I 95<br>I 95   | 48+55<br>50+14<br>54+52   | 41<br>35<br>146          |       |          | 32<br>Ø                        | 158<br>461                               | TURNOUTS (TY I @ 28 S)<br>TURNOUTS (TY II @ 31 S)  |   |  |                |                            |                     |                               | 1   | 31   |                      | ſ                    |   | \$DA  | ATE\$   |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST<br>E MAIN ST<br>VATE DRIVEWAYS (COMM   | I 94<br>I 94<br>I 95<br>I 95<br>MERCIAL (  | 48+55<br>50+14<br>54+52<br>@ 9 SY/EA) QUAN                            | 41<br>35<br>146<br>NTITY | 28    | 32       | 32<br>Ø<br>18                  | 158<br>461<br>162                        |  |   |  |                |                            |                     |                               | 5<br>1<br>TOTALS  | 31   |                      | ]                    |   | \$DA  | ATE\$   |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST<br>E MAIN ST<br>VATE DRIVEWAYS (COMM<br>VATE DRIVEWAYS (RESI   | I 94<br>I 94<br>I 95<br>I 95<br>MERCIAL @<br>IDENTIAL                                  | 48+55<br>50+14<br>54+52<br>@ 9 SY/EA) DUAN<br>@ 4 SY/EA) DUAI         | 41<br>35<br>146<br>NTITY | 28    | 32       | 32<br>Ø<br>18<br>77            | 158<br>461<br>162<br>3Ø8                 | TURNOUTS (TY II @ 31 S   | Y/EA) Q   |  |                |                            |                     |                               | 1<br>TOTALS   | 31<br>S 502  |                      | [                    |   | sda<br>kas Departm<br>Transportati  | ATE\$   |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST<br>E MAIN ST<br>VATE DRIVEWAYS (COMM<br>VATE DRIVEWAYS (RESI<br>RNOUTS (TY I @ 28 SY/E   | I 94<br>I 94<br>I 95<br>I 95<br>MERCIAL (<br>IDENTIAL<br>EA) QUAN                      | 48+55<br>50+14<br>54+52<br>@ 9 SY/EA) QUAN<br>@ 4 SY/EA) QUAI<br>TITY | 41<br>35<br>146<br>NTITY | 28    | 32       | 32<br>Ø<br>18<br>77<br>9       | 158<br>461<br>162<br>308<br>252          |  |   |  |                |                            | ŀ                   | ICHWAY                        | 1<br>Totals<br>FM   | 31   |                      |                      | L/ Bry  | \$DA<br>kas Departm<br>Transportati<br>an District  | nent<br>ion   |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST<br>E MAIN ST<br>IVATE DRIVEWAYS (COMM<br>IVATE DRIVEWAYS (RESII<br>RNOUTS (TY I @ 28 SY/E  | I 94<br>I 94<br>I 95<br>I 95<br>MERCIAL (<br>IDENTIAL<br>EA) QUAN                      | 48+55<br>50+14<br>54+52<br>@ 9 SY/EA) QUAN<br>@ 4 SY/EA) QUAI<br>TITY | 41<br>35<br>146<br>NTITY | 28    | 32<br>31 | 32<br>Ø<br>18<br>77<br>9<br>64 | 158<br>461<br>162<br>308<br>252<br>1,984 | TURNOUTS (TY II @ 31 S   | 15  | UANTITY  |                |                            |                     |                               | 1<br>Totals<br>FM   | 31<br>S 502  |                      |                      |   | sta<br>kas Departm<br>Transportati<br>an District<br>FIONS, RA  | nent<br>ion   |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST<br>E MAIN ST<br>IVATE DRIVEWAYS (COMM<br>IVATE DRIVEWAYS (RESII<br>RNOUTS (TY I @ 28 SY/E  | I 94<br>I 94<br>I 95<br>I 95<br>MERCIAL (<br>IDENTIAL<br>EA) QUAN                      | 48+55<br>50+14<br>54+52<br>@ 9 SY/EA) QUAN<br>@ 4 SY/EA) QUAI<br>TITY | 41<br>35<br>146<br>NTITY | 28    | 32<br>31 | 32<br>Ø<br>18<br>77<br>9       | 158<br>461<br>162<br>308<br>252<br>1,984 | TURNOUTS (TY II @ 31 S   | Y/EA) Q   | UANTITY  | TIONS          | LENGTH                     |                     | <b>I]GHWAY</b><br>Rae         | 1<br>TOTALS<br>FM   | 31<br>S 502  |                      |                      | INTERSEC <sup>-</sup><br>DRIVEWAYS  | stas Departm<br>Transportati<br>an District<br>FIONS, RA<br>S, TURNC  | ATES<br>ion<br>AMP<br>OUTS  |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST<br>E MAIN ST<br>IVATE DRIVEWAYS (COMM<br>IVATE DRIVEWAYS (RESI<br>RNOUTS (TY I @ 28 SY/E<br>RNOUTS (TY II @ 31 SY/E  | I 94<br>I 94<br>I 95<br>MERCIAL (<br>IDENTIAL<br>EA) QUAN<br>(EA) QUAN                 | 48+55<br>50+14<br>54+52<br>@ 9 SY/EA) QUAN<br>@ 4 SY/EA) QUAI<br>TITY | 41<br>35<br>146<br>NTITY | 28    | 32<br>31 | 32<br>Ø<br>18<br>77<br>9<br>64 | 158<br>461<br>162<br>308<br>252<br>1,984 | TURNOUTS (TY II @ 31 S   | 15  | UANTITY<br>STAT  | 1              |                            | WIDTH               | I <b>IGHWAY</b><br>Rae<br>L T | 1<br>TOTALS<br>FM<br>DIUS<br>RT                               | 31<br>5 02<br>833<br>AREA                          |                      |                      |   | stas Departm<br>Transportati<br>an District<br>FIONS, RA<br>S, TURNC  | ATES<br>ion<br>AMP<br>OUTS  |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST<br>E MAIN ST<br>IVATE DRIVEWAYS (COMM<br>IVATE DRIVEWAYS (RESI<br>INTERSECTION ( I )   | I 92<br>I 94<br>I 95<br>MERCIAL (<br>IDENTIAL<br>(EA) QUAN<br>(EA) QUAN                | 48+55<br>50+14<br>54+52<br>@ 9 SY/EA) QUAN<br>@ 4 SY/EA) QUAI<br>TITY | 41<br>35<br>146<br>NTITY | 28    | 32<br>31 | 32<br>Ø<br>18<br>77<br>9<br>64 | 158<br>461<br>162<br>308<br>252<br>1,984 | TURNOUTS (TY II @ 31 S<br>LOCATION NUMBER<br>DESCRIPTION   | 15  | STAT   | TONS           | (FT)                       | WIDTH<br>(FT)       | IIGHWAY<br>Rae<br>LT<br>(FT)  | 1<br>TOTALS<br>FM<br>DIUS<br>RT<br>(FT)                       | 31<br>S 502<br>B33<br>AREA<br>(SY)                 |                      |                      | INTERSEC <sup>-</sup><br>DRIVEWAYS  | stas Departm<br>Transportati<br>an District<br>FIONS, RA<br>S, TURNC  | ATES<br>ion<br>AMP<br>OUTS  |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST<br>E MAIN ST<br>IVATE DRIVEWAYS (COMM<br>IVATE DRIVEWAYS (RESI<br>RNOUTS (TY I @ 28 SY/E<br>RNOUTS (TY II @ 31 SY/E<br>INTERSECTION ( I )<br>RAMP ( R )  | I 92<br>I 94<br>I 95<br>MERCIAL (<br>IDENTIAL<br>(EA) QUAN<br>(EA) QUAN<br>)           | 48+55<br>50+14<br>54+52<br>@ 9 SY/EA) QUAN<br>@ 4 SY/EA) QUAI<br>TITY | 41<br>35<br>146<br>NTITY | 28    | 32<br>31 | 32<br>Ø<br>18<br>77<br>9<br>64 | 158<br>461<br>162<br>308<br>252<br>1,984 | LOCATION NUMBER<br>DESCRIPTION   | 15  | STA1<br>FROM<br>14+78  | 1              | (FT)<br>41                 | WIDTH<br>(FT)<br>10 | RAL<br>LT<br>(FT)<br>21       | 1<br>TOTALS<br>FM<br>DIUS<br>RT<br>(FT)<br>21                 | 31<br>S 502<br>AREA<br>(SY)<br>67                  |                      |                      | INTERSEC<br>DRIVEWAYS<br>AND SKIPPE   | stas Departm<br>Transportati<br>an District<br>FIONS, RA<br>S, TURNC  | ATES<br>ion<br>AMP<br>OUTS  |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST<br>E MAIN ST<br>IVATE DRIVEWAYS (COMM<br>IVATE DRIVEWAYS (RESI<br>RNOUTS (TY I @ 28 SY/E<br>RNOUTS (TY II @ 31 SY/I<br>INTERSECTION ( I )<br>RAMP ( R )<br>SKIPPED LOCATION ( S )  | I 92<br>I 94<br>I 95<br>MERCIAL @<br>IDENTIAL<br>(EA) OUAN<br>(EA) QUAN<br>)<br>)      | 48+55<br>50+14<br>54+52<br>@ 9 SY/EA) QUAN<br>@ 4 SY/EA) QUAI<br>TITY | 41<br>35<br>146<br>NTITY | 28    | 32<br>31 | 32<br>Ø<br>18<br>77<br>9<br>64 | 158<br>461<br>162<br>308<br>252<br>1,984 | LOCATION NUMBER<br>DESCRIPTION<br>CR 221<br>CR 221   | 15<br>15<br>TYPE<br>I<br>I  | UANTITY<br>STA1<br>FROM<br>14+78<br>14+78                            | TO             | (FT)<br>41<br>26           | WIDTH<br>(FT)       | IIGHWAY<br>Rae<br>LT<br>(FT)  | 1<br>TOTALS<br>FM<br>DIUS<br>RT<br>(FT)<br>21<br>17           | 31<br>S 502<br>AREA<br>(SY)<br>67<br>70            |                      |                      | INTERSEC <sup>-</sup><br>DRIVEWAYS<br>AND SKIPPE                                | sta<br>kas Departm<br>Transportati<br>an District<br>TIONS, RA<br>S, TURNO<br>ED LOCA   | attes<br>ion<br>AMP<br>OUTS<br>TION                                   |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST<br>E MAIN ST<br>IVATE DRIVEWAYS (COMM<br>IVATE DRIVEWAYS (COMM<br>IVATE DRIVEWAYS (RESI<br>RNOUTS (TY I @ 28 SY/E<br>RNOUTS (TY II @ 31 SY/E<br>INTERSECTION ( I )<br>RAMP ( R )<br>SKIPPED LOCATION ( S )<br>TURN AROUND ( T )  | I 92<br>I 94<br>I 95<br>MERCIAL @<br>IDENTIAL<br>(EA) OUAN<br>(EA) QUAN<br>)<br>)<br>) | 48+55<br>50+14<br>54+52<br>@ 9 SY/EA) QUAN<br>@ 4 SY/EA) QUAI<br>TITY | 41<br>35<br>146<br>NTITY | 28    | 32<br>31 | 32<br>Ø<br>18<br>77<br>9<br>64 | 158<br>461<br>162<br>308<br>252<br>1,984 | LOCATION NUMBER<br>DESCRIPTION<br>CR 221<br>CR 221<br>PRIVATE DRIVEWAYS (CO                          | IS<br>TYPE<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I | UANTITY<br>STAT<br>FROM<br>14+78<br>14+78<br>AL @ 9 SY               | TO<br>/EA) QUA | (FT)<br>41<br>26<br>ANTITY | WIDTH<br>(FT)<br>10 | RAL<br>LT<br>(FT)<br>21       | 1<br>TOTALS<br>FM<br>UUS<br>RT<br>(FT)<br>21<br>17<br>Ø       | 31<br>S 502<br>AREA<br>(SY)<br>67<br>70<br>0       |                      |                      | INTERSEC<br>DRIVEWAYS<br>AND SKIPPE   | sta<br>kas Departm<br>Transportati<br>an District<br>TIONS, RJ<br>S, TURNO<br>ED LOCA   | ATES<br>Dent<br>ion<br>AMP<br>OUTS<br>TION                            |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST<br>E MAIN ST<br>IVATE DRIVEWAYS (COMM<br>IVATE DRIVEWAYS (COMM<br>IVATE DRIVEWAYS (COMM<br>IVATE DRIVEWAYS (COMM<br>INTERSECTION ( I )<br>RANDUTS (TY II @ 31 SY/I<br>INTERSECTION ( I )<br>RAMP ( R )<br>SKIPPED LOCATION ( S ) | I 92<br>I 94<br>I 95<br>MERCIAL @<br>IDENTIAL<br>(EA) OUAN<br>(EA) QUAN<br>)<br>)<br>) | 48+55<br>50+14<br>54+52<br>@ 9 SY/EA) QUAN<br>@ 4 SY/EA) QUAI<br>TITY | 41<br>35<br>146<br>NTITY | 28    | 32<br>31 | 32<br>Ø<br>18<br>77<br>9<br>64 | 158<br>461<br>162<br>308<br>252<br>1,984 | LOCATION NUMBER<br>DESCRIPTION<br>CR 221<br>CR 221<br>PRIVATE DRIVEWAYS (CO<br>PRIVATE DRIVEWAYS (RE | Y/EA) 0<br>15<br>TYPE<br>I<br>I<br>MMERCI<br>SIDENT   | UANTITY<br>STAT<br>FROM<br>14+78<br>14+78<br>AL @ 9 SY<br>IAL @ 4 SY | TO<br>/EA) QUA | (FT)<br>41<br>26<br>ANTITY | WIDTH<br>(FT)<br>10 | RAL<br>LT<br>(FT)<br>21       | 1<br>TOTALS<br>FM<br>JUUS<br>RT<br>(FT)<br>21<br>17<br>Ø<br>8 | 31<br>S 502<br>AREA<br>(SY)<br>67<br>70<br>0<br>32 |                      |                      | INTERSEC<br>DRIVEWAYS<br>AND SKIPPE<br>SHEET 02<br>FED. R0.<br>PROJECT NUMB     | sta<br>kas Departm<br>Transportati<br>an District<br>TIONS, RJ<br>S, TURNO<br>ED LOCA   | ATES<br>Dent<br>ion<br>AMP<br>OUTS<br>TION<br>HIGHWAY NUM<br>BS 65, E |
| BONNER ST<br>LOVE ST<br>VFW LN<br>DUNBAR ST<br>E MAIN ST<br>IVATE DRIVEWAYS (COMM<br>IVATE DRIVEWAYS (RESII<br>RNOUTS (TY I @ 28 SY/E<br>RNOUTS (TY II @ 31 SY/E<br>INTERSECTION (I)<br>RAMP (R)<br>SKIPPED LOCATION (S)<br>TURN AROUND (T)                                  | I 92<br>I 94<br>I 95<br>MERCIAL @<br>IDENTIAL<br>(EA) OUAN<br>(EA) QUAN<br>)<br>)<br>) | 48+55<br>50+14<br>54+52<br>@ 9 SY/EA) QUAN<br>@ 4 SY/EA) QUAI<br>TITY | 41<br>35<br>146<br>NTITY | 28    | 32<br>31 | 32<br>Ø<br>18<br>77<br>9<br>64 | 158<br>461<br>162<br>308<br>252<br>1,984 | LOCATION NUMBER<br>DESCRIPTION<br>CR 221<br>CR 221<br>PRIVATE DRIVEWAYS (CO                          | Y/EA) 0<br>15<br>TYPE<br>I<br>I<br>IMMERCI<br>SIDENT<br>Y/EA) 00  | STAT<br>FROM<br>14+78<br>14+78<br>AL @ 9 SY<br>IAL @ 4 SY<br>JANTITY | TO<br>/EA) QUA | (FT)<br>41<br>26<br>ANTITY | WIDTH<br>(FT)<br>10 | RAL<br>LT<br>(FT)<br>21       | 1<br>TOTALS<br>FM<br>UUS<br>RT<br>(FT)<br>21<br>17<br>Ø       | 31<br>S 502<br>AREA<br>(SY)<br>67<br>70<br>0       |                      | -                    | INTERSEC<br>DRIVEWAYS<br>AND SKIPPE<br>SHEET 02<br>PROJECT NUME<br>6 F 2025(13) | \$DA       kas Departm       Transportati       an District       FIONS, RA       S, TURNO       ED LOCA       2 OF 10 SHEETS       ER       5) | ATE\$   |

| ATION NUMBER   | 20               |                              |                 |          | HIGHWAY  | Y B      | S 6       | LOCATION NUMBER          | 21   |          | F        | IGHWAY     | SH 90           | LOCATION NUMBER          | 24               |            |        | H        | GHWAY   | FM   |
|--|------------------|------------------------------|-----------------|----------|----------|----------|-----------|--------------------------|--|----------|----------|------------|-----------------|--------------------------|------------------|------------|--------|----------|---------|------|
| DESCRIPTION  | TYPE             |                              |                 | H WIDTH  | LT       | DIUS     | AREA      | DESCRIPTION              | TYPE   | LENGTH   |          | RADI<br>LT | RT AREA         | DESCRIPTION              |                  | ATIONS     |        | I WIDTH  |         | RT   |
|  |                  | FROM TO                      | (FT)            | (FT)     | (FT)     | (FT)     | (SY)      | EN 140                   | FROM TO  | (FT)     | (FT)     | (FT)       | (FT) (SY)       |                          | FROM             | TO         | (FT)   | (FT)     |         | (FT) |
| MCGEE DR   |                  | -158                         | 50              | 14       | 12       | 0        | 82        | FM 149                   | I 5+12   | 66       | 30       | 60         | 40 344          | HOUSTON ST               | I 0+05           |            | 43     | 38       | 14      | 17   |
| EMERALD DR   |                  | 5+65                         | 27              | 31       | 26       | 26       | 126       | W BUFFINGTON AVE         | I 8+92   | 26       | 17       | 13         | 14 58           | HOUSTON ST               | I 0+05           |            | 24     | 20       | 22      | 28   |
| SEBASTIAN RD<br>BOULDER DR   | 1<br>T           | 6+49<br>8+92                 | 16<br>30        | 20<br>30 | 21<br>25 | 16<br>25 | 53<br>130 | COLLEGE ST               | I 8+92<br>I 10+82                                | 22<br>45 | 48<br>21 | Ø<br>28    | 13 122<br>Ø 124 | COLLEGE ST<br>COLLEGE ST | I 2+32<br>I 2+32 |            | 22     | 19<br>20 | 6       | 6    |
| RESEARCH DR  |                  | 32+52                        | 0               | 0        | 0        | 25       | 0         | HOUSTON ST               | I 10+82<br>I 13+94                               | 19       | 32       | 20         | 21 88           | S MAIN ST                | I 2+32<br>I 4+96 | _          | 24     | 53       | 6<br>17 | 19   |
| MILICAN ST   | 1<br>T           | 43+24                        | 62              | 23       | 100      | 13       | 401       | HOUSTON ST               | I 13+94  | 34       | 58       | 14         | 64 322          | S MAIN ST                | I 4+96           |            | 39     | 22       | 20      | 27   |
| NORTHSIDE ST   | I                | 52+06                        | 47              | 23       | 15       | 50       | 191       | W APALONIA AVE           | I 15+42  | 50       | 34       | 0          | 15 195          | FM 429                   | I 4+96           |            | 31     | 55       | 17      | 18   |
| NORTHSIDE ST   | 1                | 52+06                        | 38              | 22       | 39       | 26       | 146       | AUSTIN ST                | I 19+22  | 29       | 18       | 23         | 23 84           | FANTHORP ST              | I 7+60           |            | 36     | 27       | 24      | 14   |
| ROTELLO ST   | I                | 56+65                        | 25              | 35       | 24       | 15       | 140       | AUSTIN ST                | I 19+22  | 37       | 22       | 30         | 42 154          | FANTHORP ST              | I 7+60           |            | 22     | 21       | 11      | 16   |
| E DICKSON ST   | 1<br>1           | 61+93                        | 30              | 31       | 20       | 20       | 123       | HILL ST                  | I 28+35  | 21       | 26       | 24         | 19 84           | SCHROLEDER ST            | I 13+41          |            | 40     | 21       | 18      | 29   |
| E DICKSON ST   | 1<br>T           | 61+93                        | 20              | 35       | 20       | 20       | 97        | W JOHNSON AVE            | I 33+74  | 28       | 19       | 18         | 23 80           | CEDAR ST                 | I 14+20          |            | 48     | 23       | 24      | 34   |
| FM 3090  | I                | 65+31                        | 25              | 55       | 18       | 20       | 171       | CR 405                   | I 47+41  | 34       | 31       | 29         | 41 178          | BRIDGE                   | S 45+88          |            |        | 2.5      | 27      |      |
| BLACKSHEAR ST  | T                | 65+31                        | 50              | 48       | 41       | 40       | 345       | CR 447                   | I 102+85   | 24       | 17       | 30         | 21 78           | CR 246                   | I 129+7          |            | 57     | 25       | 28      | 31   |
| E HILL ST  | I                | 68+75                        | 26              | 31       | 21       | 21       | 111       | CR 447                   | I 102+85   | 34       | 25       | 28         | 42 156          | CR 215                   | I 258+3          |            | 41     | 27       | 25      | 32   |
| E STONEHAM ST  | T                | 71+97                        | 20              | 35       | 20       | 20       | 97        | CONCRETE BRIDGE          | S 177+88 181+79                                  |          | 23       | 20         | 12 100          | CR 215                   | I 258+5          |            | 53     | 25       | 20      | 31   |
| E STONEHAM ST  | T                | 71+97                        | 20              | 36       | 20       | 20       | 100       | CR 444                   | I 187+81   | 54       | 16       | 0          | 10 99           | CONCRETE BRIDGE          | S 336+7          |            |        | 23       | - 20    | 51   |
| E CHASE ST   | T T              | 75+24                        | 27              | 37       | 20       | 20       | 131       | PRIVATE DRIVEWAYS (COM   |  |          | 10       |            | 9 81            | CR 247                   | I 353+0          |            | 38     | 20       | 9       | 16   |
| BRULE DR   | I I              | 78+51                        | 30              | 33       | 17       | 35       | 147       | PRIVATE DRIVEWAYS (RESI  |  | _        |          |            | 30 120          | CR 248                   | I 354+6          |            | 33     | 20       | 14      | 9    |
| SH 105   | S                | 83+21                        | 0               | 0        | 0        | 0        | 0         | TURNOUTS (TY I @ 28 SY/E |  |          |          |            | 7 196           | CR 208                   | I 424+3          |            | 56     | 28       | 26      | 41   |
| SH 105   | s                | 83+21                        | Ø               | 0        | 0        | 0        | 0         | TURNOUTS (TY II @ 31 SY/ |  |          |          |            | 2 62            | FM 2445                  | I 480+0          |            | 69     | 38       | 52      | 42   |
| MC ALPINE ST   | I                | 86+59                        | 15              | 45       | 10       | 10       | 80        |                          |  |          |          | /          | OTALS 2,625     | CR 207                   | I 543+3          |            | 80     | 26       | 20      | 92   |
| MC ALPINE ST   | s                | 86+59                        | 0               | 0        | 0        | 0        | 0         |                          |  |          |          |            | 011120 2,020    | CR 209                   | I 553+4          |            | 39     | 24       | 20      | 20   |
| E HOLLAND ST   | I                | 86+59                        | 25              | 45       | 10       | 10       | 130       | LOCATION NUMBER          | 22   |          | ŀ        | IGHWAY     | SH 90           | CONCRETE BRIDGE          | S 555+4          |            |        |          |         |      |
| E HOLLAND ST   | s                | 86+59                        | 0               | 0        | 0        | 0        | 0         |                          |  |          | _        |            |                 | PECAN HILLS DR           | I 578+2          |            | 42     | 19       | 19      | 14   |
| E JOHNSON ST   | I                | 96+20                        | 35              | 32       | 16       | 21       | 142       |                          | STATIONS   | LENGTH   | и птн    | RADI       | US AREA         | CR 333/BRADLEY RD        | I 624+1          |            | 42     | 24       | 11      | 16   |
| E JOHNSON ST   | - i              | 96+20                        | 25              | 35       | 18       | 18       | 113       | DESCRIPTION              | TYPE   |          |          | LT         | RT              | CONCRETE BRIDGE          | S 639+2          |            | -      |          |         |      |
| MANLEY ST  | I                | 99+48                        | 25              | 31       | 19       | 21       | 106       |                          | FROM TO  | (FT)     | (FT)     | (FT)       | (FT) (SY)       | CR 205/ST MARYS DR       | I 656+6          |            | 52     | 24       | 24      | 29   |
| MANLEY ST  | I                | 99+48                        | 20              | 31       | 17       | 23       | 89        | CR 444                   | I 19+64  | 98       | 21       | 16         | 107 508         | PRIVATE DRIVEWAYS (COM   |                  |            |        |          |         | 2    |
| TEAGUE ST  | I                | 102+85                       | 25              | 34       | 18       | 20       | 112       | CR 411                   | I 23+65  | 39       | 20       | 27         | 27 122          | PRIVATE DRIVEWAYS (RES   |                  |            |        |          |         | 42   |
| TEAGUE ST  | T                | 102+85                       | 30              | 31       | 20       | 18       | 121       | Mockingbird Lane         | I 71+60  | 38       | 14       | 22         | 22 83           | TURNOUTS (TY I @ 28 SY   |                  |            |        |          |         | 9    |
| HARN ST  | I                | 106+02                       | 25              | 30       | 12       | 19       | 96        | CR 409                   | I 108+56   | 23       | 33       | 21         | 13 99           | TURNOUTS (TY II @ 31 SY  |                  | ,          |        |          |         | 3    |
| HARN ST  | I                | 106+02                       | 22              | 35       | 18       | 21       | 104       | CR 442                   | I 171+92   | 46       | 21       | 26         | 26 140          |                          |                  |            |        |          | <br>    | OTAL |
| GIBBS ST   | I                | 109+40                       | 18              | 32       | 21       | 20       | 85        | FM 3455                  | I 180+79   | 131      | 26       | 85         | 85 723          |                          |                  |            |        |          |         |      |
| GIBBS ST   | I                | 109+40                       | 26              | 33       | 22       | 19       | 116       | Sadie LN                 | I 190+71   | 42       | 21       | 12         | 51 164          | LOCATION NUMBER          | 25               |            |        | н        | GHWAY   | SS   |
| ANDERSON ST  | Ι                | 112+68                       | 21              | 32       | 20       | 20       | 94        | Nine S LN                | I 212+94   | 36       | 12       | 33         | 15 80           |                          |                  |            |        |          |         |      |
| ANDERSON ST  | I                | 112+68                       | 20              | 31       | 20       | 20       | 88        | Thane RD                 | I 216+27   | 39       | 15       | 19         | 19 83           | DECODICION               | ST               | ATIONS     | LENGTH | и міртн  | RADIL   | US   |
| DAVIS ST   | I                | 117+00                       | 20              | 30       | 21       | 20       | 87        | SH 6 EFR                 | I 252+96   | 25       | 32       | 28         | 28 127          | DESCRIPTION              | TYPE             |            |        |          | LT      | RT   |
| DAVIS ST   | I                | 117+00                       | 25              | 31       | 24       | 21       | 111       | SH 6 EFR                 | I 252+96   | 20       | 28       | 33         | 33 115          |                          | FROM             | ТО         | (FT)   | (FT)     | (FT)    | (FT) |
| E LEE ST   | I                | 120+38                       | 17              | 34       | 21       | 20       | 85        | SH 6 WFR                 | I 257+88   | 41       | 30       | 30         | 30 180          | RAILROAD CROSSING        | S 4+38           | 5+02       |        |          |         |      |
| E LEE ST   | I                | 120+38                       | 22              | 32       | 21       | 21       | 100       | SH 6 WFR                 | I 257+88   | 39       | 29       | 30         | 30 169          | PRIVATE DRIVEWAYS (CON   | MERCIAL @ 9 S    | SY/EA) QUA | NTITY  |          |         | 1    |
| 10NTGOMERY RD  | I                | 123+87                       | 20              | 30       | 17       | 12       | 77        | PRIVATE DRIVEWAYS (COMM  | MERCIAL @ 9 SY/EA) DUA                           | ANTITY   |          |            | 0 0             | PRIVATE DRIVEWAYS (RES   | SIDENTIAL @ 4    | SY/EA) QU  | ANTITY |          |         | 5    |
| 10NTGOMERY RD  | I                | 123+87                       | 12              | 33       | 15       | 19       | 58        | PRIVATE DRIVEWAYS (RESI  | DENTIAL @ 4 SY/EA) QUA                           | ANTITY   |          |            | 10 40           | TURNOUTS (TY I @ 28 SY   |                  |            |        |          |         | 4    |
| LINCOLN ST   | Ι                | 127+14                       | 20              | 33       | 22       | 18       | 93        | TURNOUTS (TY I @ 28 SY/E | EA) QUANTITY                                     |          |          |            | 18 504          | TURNOUTS (TY II @ 31 SY  | /EA) QUANTITY    | /          |        |          |         | 1    |
| LINCOLN ST   | Ι                | 127+14                       | 26              | 29       | 26       | 20       | 110       | TURNOUTS (TY II @ 31 SY/ | (EA) QUANTITY                                    |          |          |            | 3 93            |                          |                  |            |        |          | T       | OTAL |
| ABRAHAM ST   | I                | 130+47                       | 44              | 31       | 15       | 21       | 168       |                          |  |          |          | 1          | OTALS 3,230     |                          |                  |            |        |          |         |      |
| SS 515   | Ι                | 133+64                       | 20              | 40       | 36       | 50       | 18Ø       |                          |  |          |          |            |                 | LOCATION NUMBER          | 26               |            |        | н        | GHWAY   | FM   |
| LROAD CROSSING   | S                | 138+97 139+2                 | A Ø             | Ø        | Ø        | Ø        | Ø         | LOCATION NUMBER          | 23   |          | ŀ        | IGHWAY     | SH 105          |                          |                  |            |        |          | RADIL   | IC   |
| LROAD CROSSING   | S                | 140+29 140+6                 |                 | 0        | Ø        | Ø        | 0         |                          |  | 7        | 7        | RADI       |                 | DESCRIPTION              | TYPE ST          | ATIONS     | LENGTH | width    |         |      |
| FM 379   | I                | 145+04                       | 232             | 34       | 75       | 50       | 1,071     | DESCRIPTION              | TYPE STATIONS                                    | LENGTH   | WIDTH    |            | AREA            |                          |                  |            |        |          | LT      |      |
| CR 420   | I                | 185+33                       | 47              | 25       | 14       | 58       | 216       |                          |  |          |          | LT         | RT              |                          | FROM             | _          | (FT)   | (FT)     | (FT)    | (FT) |
| CR 420   | I                | 185+33                       | 61              | 10       | 42       | 22       | 122       |                          | FROM TO  | (FT)     | (FT)     |            | (FT) (SY)       | RAILROAD CROSSING        | S 486            |            |        | ↓ ↓      |         |      |
| CR 420   | I                | 212+73                       | 25              | 22       | 26       | 18       | 85        | WOOD ST                  | I Ø+32   | 23       | 33       | 17         | 17 99           | RAILROAD CROSSING        | S 79+99          |            |        |          |         |      |
| SLENSWOOD DR   | I                | 217+17                       | 32              | 25       | 23       | 14       | 107       | BROSIG AVE               | I 4+96   | 24       | 35       | 16         | 16 106          | PRIVATE DRIVEWAYS (CON   |                  |            |        |          |         | Ø    |
| DOGWOOD PL   | 1                | 222+29                       | 35              | 21       | 22       | 19       | 102       | JULIA AVE                | I 8+03   | 26       | 30       | 19         | 19 104          | PRIVATE DRIVEWAYS (RES   |                  |            | ANTITY |          |         | 2    |
| MAGNOLIA TRL   |                  | 226+25                       | 28              | 20       | 25       | 20       | 87        | JONES ST                 | I 11+30  | 25       | 35       | 17         | 17 112          | TURNOUTS (TY I @ 28 SY   |                  |            |        |          |         | 0    |
| CR 414   | I                | 235+44                       | 45              | 18       | 48       | 12       | 149       | MC NAIR ST               | I 14+68  | 28       | 39       | 18         | 18 137          | TURNOUTS (TY II @ 31 SY  | ZEA) QUANTITY    |            |        |          |         | 0    |
| CR 452   | 1,               | 261+94                       | 43              | 28       | 33       | 37       | 193       | HORLOCK AVE              | I 17+64  | 14       | 29       | 10         | 10 50           |                          |                  |            |        |          |         | OTAL |
| CR 414   | I                | 265+48                       | 51              | 17       | 12       | 55       | 172       |                          | I 21+12  | 17       | 31       | 12         | 12 66           | INTERSECTION (I)         |                  |            |        |          |         |      |
| CR 450   | + + +            | 270+39                       | 32              | 15       | 30       | 13       | 79        | N JUDSON AVE             | I 22+65  | 22       | 23       | 15         | 15 67           | RAMP (R)                 |                  |            |        |          |         |      |
| CR 451   | I                | 282+48                       | 32              | 15       | 30       | 13       | 79        | JUDSON ST                | I 25+08  | 28       | 35       | 18         | 20 127          | SKIPPED LOCATION (S)     |                  |            |        |          |         |      |
|  | _                | 284+49                       | 77              | 31       | 165      | 40       | 953       | MILLER ST                | I 32+05  | 49       | 32       | 9          | 7 178           | TURN AROUND ( T )        |                  |            |        |          |         |      |
|  | uv⊫ R[`]         | ы юч бү/на) ОН               | ANTITY          |          |          | /        | 63        | N POST OAK ST            | I 38+97  | 31       | 32       | 23         | 37 156          | CROSSOVER (C)            |                  |            |        |          |         |      |
| TE DRIVEWAYS (COM  |                  |                              | 1 A N I T T T Y |          |          |          |           |                          |  |          |          |            |                 |                          |                  |            |        |          |         |      |
| TE DRIVEWAYS (COM<br>TE DRIVEWAYS (RES   | IDENT            | (AL @ 4 SY/EA) QU            | JANTITY         |          |          | 34       | 136       | S POAST OAK ST           | I 38+97  | 23       | 31       | 15         | 10 87           |                          |                  |            |        |          |         |      |
| TE DRIVEWAYS (COM<br>TE DRIVEWAYS (RES<br>IUTS (TY I @ 28 SY)  | IDENT<br>(EA) QI | IAL @ 4 SY/EA) OL<br>JANTITY | JANTITY         |          |          | 25       | 700       | PRIVATE DRIVEWAYS (COMM  | MERCIAL @ 9 SY/EA) QUA                           | NTITY    | 31       | 15         | 1 9             |                          |                  |            |        |          |         |      |
| SH 6 FRONTAGE<br>TE DRIVEWAYS (COM<br>TE DRIVEWAYS (RES<br>NUTS (TY I @ 28 SY)<br>NUTS (TY II @ 31 SY) | IDENT<br>(EA) QI | IAL @ 4 SY/EA) OL<br>JANTITY | JANTITY         |          |          | 25<br>22 |           | -                        | MERCIAL @ 9 SY/EA) QUA<br>DENTIAL @ 4 SY/EA) QUA | NTITY    | 31       | 15         |                 |                          |                  |            |        |          |         |      |

|   | PRINT DATE | REVISION DATE |
|---|------------|---------------|
|   | \$DATE\$   |               |
| _ |            |               |

Texas Department of Transportation Bryan District INTERSECTIONS, RAMPS DRIVEWAYS, TURNOUTS, AND SKIPPED LOCATIONS

| SHEET 03 OF 10 SHEETS |          |                           |            |           |  |  |  |  |  |  |  |  |
|-----------------------|----------|---------------------------|------------|-----------|--|--|--|--|--|--|--|--|
| FED. RD.<br>DIV. NO.  | PROJECT  | PROJECT NUMBER HIGHWAY NU |            |           |  |  |  |  |  |  |  |  |
| 6                     | F 202    | 5(135)                    | BS 6S      | , ETC.    |  |  |  |  |  |  |  |  |
| STATE                 | DISTRICT |                           | COUNTY     |           |  |  |  |  |  |  |  |  |
| TEXAS                 | BRY      | G                         | RIMES, ETC | ).        |  |  |  |  |  |  |  |  |
| CONTROL               | SECTION  | JC                        | рв         | SHEET NO. |  |  |  |  |  |  |  |  |
| 0050                  | 11       | 023,                      | ETC.       | 27        |  |  |  |  |  |  |  |  |

| LOCATION NUMBER                                      | 27             |                  |              |          | '        | HIGHWAY  | N FM   | 2445     | LOCATION NUMBER         | 30                 |           |            |                       | F               | HIGHWAY         | r US 7   | 9          | LOCATION NUMBER        | 32                    |          |          | HIGHWAY        | FM       | M 15          |
|--|----------------|------------------|--------------|----------|----------|----------|--------|----------|-------------------------|--------------------|-----------|------------|-----------------------|-----------------|-----------------|----------|------------|------------------------|-----------------------|----------|----------|----------------|----------|---------------|
|  |                | STAT             | IONS         |          | н width  | RA       | ADIUS  | AREA     |                         |                    | STA       | ATIONS L   | LENGTH                | I WIDTH         | RADI            | JIUS     | AREA       |                        | STATIONS              | LENG     | тн width | RADI           | IUS      | 4             |
| DESCRIPTION  | TYPE           |                  |              | ,        |          | LT       | RT     |          | DESCRIPTION             | TYPE               | -         |            |                       | ۲<br>۱          | LT              | RT       |            | DESCRIPTION            | TYPE                  |          |          |                | RT       |               |
|  |                | FROM             | TO           | (FT)     | (F T)    | (FT)     |        |          |                         |                    | FROM      |            | (FT)                  | (FT)            | (FT)            | (FT)     | (SY)       |                        | FROM TO               |          |          | (FT)           | (FT)     |               |
| CR 309   |                | 77+19            | H            | 36       | 22       | 30       | 30     | 131      | E MANNING ST            |                    | 24+29     |            | 45                    | 16              | 22              | 38       | 126        | CR 343                 | I 2+64                | 20       |          | 45             | 35       |               |
| CONCRETE BRIDGE                                      |                | 90+71            | 91+56        | <u> </u> | '        | <b></b>  |        | <u> </u> | MOODY ST                |                    | 36+64     |            | 74                    | 30              | 19              |          | 277        | E CR 344               | I 17+90               | 18       |          | 10             | 50       |               |
| S OAKS DR  | -              | 125+45           | <b>└──</b>   | '        | '        | +        |        |          | N WHITT ST              |                    | 40+02     |            | 43                    | 22              | 24              | 16       | 125        | W CR 344               |                       | 30       | 20       | 18             | 50       |               |
| CR 345   |                | 153+49           | ·            | 25       | 27       | 30       | 31     | 120      | N WHITT ST              |                    | 40+02     |            | 35                    | 33              | 21              | 23       | 152        |                        | OMMERCIAL @ 9 SY/EA)  |          | ,        |                | 3        | +             |
| CR 407   |                | 203+91<br>239+55 | <del> </del> | 35       | 18       | 12       | 40     | 112      | FM 542                  |                    | 43+45     |            | 45                    | 54              | 21              | 23<br>15 | 294<br>130 |                        | ESIDENTIAL @ 4 SY/EA) | QUANILIT |          |                | 8        | +             |
| CR 342<br>CR 342                                     |                |                  | <u> </u>     | 42       | 18<br>24 | 19<br>36 |        | 115      | N MAIN ST               |                    |           |            | 40                    | 25              | 23<br>29        | 15       | 130        | TURNOUTS (TY I @ 28 S  |                       |          |          |                | <u> </u> | +             |
| PRIVATE DRIVEWAYS (COMM                              |                | 239+55           |              |          | 24 1     | 30       | 25     | 246      | LOVE ST<br>S LOVE ST    | T                  | 46+89     |            | 51<br>37              | 26<br>20        | 16              | 20       | 98         | TURNOUTS (TY II @ 31 S | Y/EA) QUANTIT         |          |          | L              |          | LS            |
| PRIVATE DRIVEWAYS (LUMME<br>PRIVATE DRIVEWAYS (RESID |                |                  |              |          |          |          | 1      | 28       | N HOLLY ST              |                    | 50+00     | _          | 47                    | 20              | 27              |          | 98<br>178  |                        |                       |          |          |                | TOTALS   | 2             |
| TURNOUTS (TY I @ 28 SY/E                             |                |                  | /EH/ 00H     |          |          |          | 6      | 168      | N HOLLY ST              | - I                | 50+00     |            | 33                    | 23              | 17              | 29       | 1/8        | LOCATION NUMBER        | 33                    |          |          | HIGHWAY        | FN       | FM 3          |
| TURNOUTS (TY II @ 31 SY/E                            |                |                  |              |          |          |          | 22     | 682      | N POST ST               | +                  | 54+23     | _          | 30                    | 16              | 21              | 11       | 67         |                        |                       |          |          |                |          | Ť             |
|  | <u>_H/ 60.</u> |                  |              |          |          |          |        | .S 1,611 | N POST ST               | +                  | 54+23     |            | 22                    | 19              | 16              | 11       | 60         |                        | STATIONS              |          | тн міртн | RADI           | IUS      | 4             |
| L  |                |                  |              |          |          |          |        | <u></u>  | PALMER ST               | +                  | 58+45     |            | 43                    | 14              | 24              | 41       | 121        | DESCRIPTION            | TYPE                  |          |          | LT T           | RT       |               |
| LOCATION NUMBER                                      | 28             |                  |              |          | <u> </u> | HIGHWAY  | Y FM   | 1 2819   | PALMER ST               | $+\frac{1}{1}$     | 58+45     |            | 27                    | 20              | 28              | 27       | 97         |                        | FROM TO               | ) (FT)   | ) (FT)   | (FT)           | (FT)     |               |
|  |                |                  |              | $\top$   | T        |          |        |          | N WILEY ST              | +                  | 76+51     | _          | 37                    | 16              | 20              | 33       | 102        | EVAN ST                | I 11+30               | 40       |          | 46             | 48       |               |
|  | 1              | STAT             | TONS         | I ENGTH  | н иготн  | RA       | ADIUS  | AREA     | N OLIVER ST             | $+$ $\overline{I}$ | 85+48     | _          | 40                    | 19              | 27              | 21       | 113        | CR 3221                | I 129+04              | 45       |          | 32             | 34       | _             |
| DESCRIPTION  | TYPE           | <b>U</b>         | 10,10        | ,        | 1,10,111 | LT       | RT     |          | CR 238                  | I                  | _         | _          | 35                    | 15              | 20              | 62       | 160        | CR 392                 | I 246+42              | 80       |          | 15             | 175      | _             |
|  | 1              | FROM             | ТО           | (FT)     | (FT)     | (FT)     |        | (SY)     | CONCRETE BRIDGE         | S                  |           |            | , <del></del> +       | , <del></del> + | , <del></del> + |          |            | CR 393                 | I 319+92              | 25       |          | 28             | 30       |               |
| CR 241   |                | 23+07            |              | 44       | 19       | 28       | 21     | 123      | CONCRETE BRIDGE         | I                  | -         |            | ·——+                  | ·+              | , ——+           | <b>—</b> |            | PRIVATE DRIVEWAYS (CC  |                       |          |          |                | 1        | +             |
| CR 222   |                | 93+56            | (            | 42       | 20       | 17       | 25     | 116      | CR 1340                 | $+$ $\overline{I}$ | 197+47    |            | 41                    | 26              | 26              | 12       | 138        | PRIVATE DRIVEWAYS (RE  |                       |          |          |                | 31       |               |
| CR 278C  | -              | 133+16           | (            | 32       | 14       | 19       | 16     | 65       | CR 235                  |                    | 251+80    |            | 40                    | 22              | 16              | 23       | 100        | TURNOUTS (TY I @ 28 S  |                       |          |          |                | 17       |               |
| FM 2562  |                | 176+46           | (            | 125      | 23       | 47       | 43     | 417      | CR 224                  |                    | 282+27    | _          | 28                    | 29              | 22              | 30       | 124        | TURNOUTS (TY II @ 31 S |                       |          |          |                | 1        | +             |
| CR 214   |                | 196+52           | (            | 59       | 27       | 61       | 33     | 292      | CR 357                  | +                  | 313+47    |            | 30                    | 14              | 26              | 18       | 71         |                        |                       |          |          | <sup>1</sup> , | TOTALS   | , s           |
| CR 237   | -              | 250+06           | ſ            | 51       | 17       | 30       | 30     | 140      | CR 215                  | +                  | 354+97    |            | 42                    | 21              | 33              | 37       | 157        |                        |                       |          |          |                |          | <u> </u>      |
| CR 240   | -              | 421+45           | (            | 35       | 23       | 18       | 15     | 103      | CR 255                  | +                  | 355+50    |            | 52                    | 13              | 28              | 17       | 101        | LOCATION NUMBER        | 34                    |          |          | HIGHWAY        | FM       | M 83          |
| PRIVATE DRIVEWAYS (COMM                              |                |                  | /EA) QUA     |          |          |          | 1      | 9        | FM 832                  | +                  | 456+51    |            | 46                    | 56              | 30              | -        | 348        |                        |                       | <u> </u> |          | 1              |          | Ť             |
| PRIVATE DRIVEWAYS (RESID                             |                |                  |              |          |          |          | 35     | 140      | CR 219                  | I I                | 504+82    |            | 45                    | 20              | 31              | 37       | 156        |                        | STATIONS              | LENG.    | тн міртн | RADI           | IUS      | 4             |
| TURNOUTS (TY I @ 28 SY/E                             |                |                  |              |          |          |          | 7      | 196      | CR 217                  | I                  | 543+47    |            | 25                    | 12              | 10              | 15       | 42         | DESCRIPTION            | TYPE                  |          |          |                | RT       |               |
| TURNOUTS (TY II @ 31 SY/E                            |                |                  |              |          |          | -        | 1      | 31       | CR 214                  | I                  | 597+38    |            | 38                    | 10              | 8               | 14       | 49         |                        | FROM TO               | ) (FT)   | ) (FT)   | (FT)           | (FT)     | _             |
|  |                |                  |              |          |          |          | TOTAL  | S 1,632  | CONCRETE BRIDGE         | S                  |           | 1 627+90   | , <del></del> +       | , <del></del> + |                 |          |            | N/A                    | N/A N/A N/            |          |          | N/A            | N/A      | _             |
| ι  |                |                  |              |          |          |          |        | <u> </u> | CONCRETE BRIDGE         | S                  | _         | 653+03     | , — +                 | , ——+           | , —             |          |            | PRIVATE DRIVEWAYS (CC  |                       |          |          |                | 0        | _             |
| LOCATION NUMBER                                      | 29             |                  |              |          | ,        | HIGHWAY  | IY SL  | . 429    | CONCRETE BRIDGE         | S                  |           | 6 671+40   | ,                     | , <del></del> + |                 |          |            |                        | ESIDENTIAL @ 4 SY/EA) |          |          | -              | 2        | +             |
|  | 1              |                  |              | , T      | 1 '      |          |        |          | SANDY LN                | I                  | 785+35    | <u>ا ا</u> | 25                    | 16              | 20              | 20       | 64         | TURNOUTS (TY I @ 28 S  | Y/EA) QUANTITY        |          |          |                | Ø        |               |
|  | TYPE           | STAT             | IONS         | LENGTH   | н міртн  | Кні      | ADIUS  | AREA     | RAY ST                  | I                  | 796+54    |            | 38                    | 16              | 29              | 28       | 107        | TURNOUTS (TY II @ 31 S | Y/EA) QUANTITY        |          |          |                | 4        |               |
| DESCRIPTION  | ITTE           |                  |              | 1        | 1        | LT       | RT     | 1 1      | REEDER HILL ST          | I                  | 811+01    |            | 49                    | 28              | 47              | 20       | 215        |                        |                       |          |          |                | TOTALS   | LS            |
| II   |                | FROM             | TO           | (FT)     | (FT)     | (FT)     | (F T)  | (SY)     | HARTLEY LN              | I                  | 813+12    |            | 39                    | 10              | 36              | 18       | 82         |                        |                       |          |          |                |          |               |
| W BUFFINGTON AVE                                     | I              | 818              | 1            | 23       | 54       | 28       | 21     | 168      | FM 1848                 | I                  | 832+55    |            | 46                    | 31              | 41              |          | 223        | LOCATION NUMBER        | 35                    |          |          | HIGHWAY        | FM I     | 1517          |
| E BUFFINGTON AVE                                     | I              | 855              |              | 63       | 22       | 42       | 25     | 211      | N HAGARD ST             | I                  | 835+67    |            | 53                    | 22              | 32              | 20       | 164        |                        |                       |          |          | RADI           |          | Т             |
| PRIVATE DRIVEWAYS (COMM                              |                |                  |              |          |          |          | Ø      | 0        | N AVANT ST              | Ι                  | 839+36    | ,          | 42                    | 33              | 21              | 16       | 171        | DESCRIPTION            | TYPE STATIONS         | LENG     | TH WIDTH | Г\НUз          | 105      | 4             |
| PRIVATE DRIVEWAYS (RESID                             | DENTIF         | L@4SY            | /EA) QUA     | ANTITY   |          |          | 4      | 16       | N CENTER ST             | I                  | 842+16    | /          | 44                    | 43              | 18              | 17       | 225        | DESCRIPTION            |                       |          |          | LT             | RT       | 1             |
| TURNOUTS (TY I @ 28 SY/E                             |                |                  |              |          |          |          | Ø      | 0        | S CENTER ST             | I                  | 842+16    |            | 60                    | 33              | 36              | 54       | 321        |                        | FROM TO               | ) (FT)   | ) (FT)   | (FT)           | (FT)     | )             |
| TURNOUTS (TY II @ 31 SY/E                            | EA) DU/        | ANTITY           |              |          |          |          | Ø      | 0        | FAIRFIELD ST            | I                  | 846+44    |            | 45                    | 28              | 20              | 18       | 158        | CR 368                 | I 22+97               | 40       | 38       | 75             | 55       |               |
|  |                |                  |              |          |          |          | TOTALS | .S 395   | FAIRFIELD ST            | I                  | 846+44    |            | 38                    | 23              | 26              | 26       | 130        | CR 3531                | I 238+92              | 30       | 25       | 27             | 45       |               |
|  |                |                  |              |          |          |          |        |          | WALKER ST               | Ι                  | 850+13    |            | 51                    | 19              | 20              | 29       | 138        | CR 353                 | I 345+42              | 30       | 30       | 55             | 55       |               |
|  |                |                  |              |          |          |          |        |          | WEST ST                 |                    | 853+25    |            | 42                    | 17              | 17              | 16       | 93         | FM 3501                | I 410+31              | 64       |          | 34             | 36       |               |
| INTERSECTION ( I )                                   |                |                  |              |          |          |          |        |          | PRIVATE DRIVEWAYS (CON  | MMERC              | AL @ 9 S' | (/EA) QUAN | ,TITY                 |                 |                 |          | 117        | FM 1469                | I 436+81              | 72       |          | 36             | 40       |               |
| RAMP(R)  |                |                  |              |          |          |          |        |          | PRIVATE DRIVEWAYS (RES  | SIDENT             | IAL @ 4 S | Y/EA) QUAN | <b>V</b> <u>TIT</u> Y |                 |                 | 90       | 36Ø        | PRIVATE DRIVEWAYS (CC  | JMMERCIAL @ 9 SY/EA)  | QUANTITY |          |                | 11       |               |
| SKIPPED LOCATION ( S )                               |                |                  |              |          |          |          |        |          | TURNOUTS (TY I @ 28 SY. |                    |           |            |                       |                 |                 | 24       | 672        | PRIVATE DRIVEWAYS (RE  | ESIDENTIAL @ 4 SY/EA) | QUANTITY |          |                | 23       |               |
| TURN AROUND ( T )                                    |                |                  |              |          |          |          |        |          | TURNOUTS (TY II @ 31 SY | (7EA) C            | JUANTITY  |            |                       |                 |                 | 16       | 496        | TURNOUTS (TY I @ 28 S) | Y/EA) QUANTITY        |          |          |                | 5        |               |
| CROSSOVER (C)  |                |                  |              |          |          |          |        |          |                         |                    |           |            |                       |                 |                 | TOTALS   | 7,430      | TURNOUTS (TY II @ 31 S | SY/EA) QUANTITY       |          |          |                | 11       |               |
|  |                |                  |              |          |          |          |        |          |                         |                    |           |            |                       |                 |                 |          |            |                        |                       |          |          |                | TOTALS   | _S_ ´         |
|  |                |                  |              |          |          |          |        |          | LOCATION NUMBER         | 31                 |           |            |                       | P               | HIGHWAY         | r SH 16  | 54         |                        |                       |          |          |                |          |               |
|  |                |                  |              |          |          |          |        |          |                         |                    |           |            | , I                   | , I             | RADI            | านเร     |            | LOCATION NUMBER        | 36                    |          |          | HIGHWAY        | FM       | <u>+ 18</u>   |
|  |                |                  |              |          |          |          |        |          | DESCRIPTION             | TYPE               | F STA     | ATIONS L   | LENGTH                | , WIDTH I       |                 |          | AREA       |                        |                       |          |          | RADI           | ILIS     |               |
|  |                |                  |              |          |          |          |        |          | DECOMA HEI              | · · · =            |           |            | l                     | ·ا              |                 |          |            | DESCRIPTION            | TYPE STATIONS         | LENG     | TH WIDTH | ۰ <b>ا</b>     |          | '             |
|  |                |                  |              |          |          |          |        |          |                         |                    | FROM      |            |                       | (FT)            | (FT)            | -        | (SY)       | DESCRIPTION            |                       |          |          | LT             |          |               |
|  |                |                  |              |          |          |          |        |          | CR 331                  | I                  |           |            | 34                    | 18              | 35              |          | 132        |                        | FROM TO               |          | ) (FT)   | (FT)           | (FT)     | )             |
|  |                |                  |              |          |          |          |        |          | CHATHAM ST              | I                  |           |            | 38                    | 18              | 23              | 17       | 96         | CONCRETE BRIDGE        | S 10+82 11+           |          |          | I              | Ē        | $\rightarrow$ |
|  |                |                  |              |          |          |          |        |          | BISON TRAIL             | I                  | 114+26    |            | 72                    | 25              | 51              | -        | 303        | HOUCK ST               | I 101+22              | 40       |          | 42             | 55       |               |
|  |                |                  |              |          |          |          |        |          | BOYD ST                 |                    | 114+26    |            | 36                    | 18              | 34              | 34       | 128        | BLAIN ST               | I 104+65              | 15       | 18       | 16             | 16       |               |
|  |                |                  |              |          |          |          |        |          | PRIVATE DRIVEWAYS (CON  | MMERC'             | AL @ 9 S' | YZEA) DUAN | ,TITY                 |                 |                 | 3        | 27         | MAIN ST                | I 108+03              | 25       | 28       | 30             | 30       | $\Box$        |
|  |                |                  |              |          |          |          |        |          | PRIVATE DRIVEWAYS (RES  | SIDENT             | IAL @ 4 S | Y/EA) DUAN | <b>VTITY</b>          |                 |                 | 22       | 88         | PRIVATE DRIVEWAYS (CC  | JMMERCIAL @ 9 SY/EA)  | OUANTITY |          |                | 3        |               |
|  |                |                  |              |          |          |          |        |          | TURNOUTS (TY I @ 28 SY. | /EA) 0'            | UANTITY   |            |                       |                 |                 | 0        | Ø          | PRIVATE DRIVEWAYS (RE  | ESIDENTIAL @ 4 SY/EA) | OUANTITY |          |                | 8        |               |
|  |                |                  |              |          |          |          |        |          | TURNOUTS (TY II @ 31 SY | ( <u>/EA)</u> (    | JUANTITY  |            |                       |                 |                 | 1        | 31         | TURNOUTS (TY I @ 28 S) | Y/EA) QUANTITY        |          |          |                | 8        |               |
|  |                |                  |              |          |          |          |        |          |                         |                    |           |            |                       |                 |                 | TOTAL    |            | TUDNOUTO (TY II - OI C | V (EA) OUANTITY       |          |          |                | 6        |               |
|  |                |                  |              |          |          |          |        |          |                         |                    |           |            |                       |                 |                 | TOTALS   | 805        | TURNOUTS (TY II @ 31 S | STZEAL QUANTITY       |          |          |                | TOTALS   |               |

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|                      |  |               | PRINT DATE | REVISION DATE |  |  |  |  |  |  |  |  |  |
|----------------------|--|---------------|------------|---------------|--|--|--|--|--|--|--|--|--|
|                      |  |               | \$DATE\$   |               |  |  |  |  |  |  |  |  |  |
| DF                   | Texas Department<br>of Transportation ©2024<br>Bryan District<br>INTERSECTIONS, RAMPS<br>DRIVEWAYS, TURNOUTS,<br>AND SKIPPED LOCATIONS |               |            |               |  |  |  |  |  |  |  |  |  |
| FED RD               | SHEE   | T 04 OF 10 S⊢ | EETS       |               |  |  |  |  |  |  |  |  |  |
| FED. RD.<br>DIV. NO. | PROJECT  | NUMBER        | HIGHWAY N  | NUMBER        |  |  |  |  |  |  |  |  |  |
| 6                    | F 202  | 5(135)        | BS 6S,     | ETC.          |  |  |  |  |  |  |  |  |  |
| STATE                | DISTRICT   |               | COUNTY     |               |  |  |  |  |  |  |  |  |  |
| TEXAS                | BRY  | G             | RIMES, ETC |               |  |  |  |  |  |  |  |  |  |

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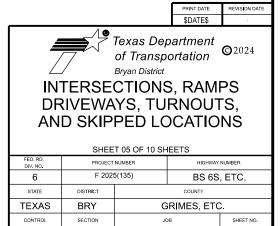
SECTION

| Cation Number                   | 37     |           |          |        | , I   | HICHWAY | FM         | 745    | LOCATION NUMBER                                    | 40         |          |             |        |       | IGHWAY     | FM         | 2158       | LOCATION NUMBER           | 44                |         |           |      |
|---------------------------------|--------|-----------|----------|--------|-------|---------|------------|--------|--|------------|----------|-------------|--------|-------|------------|------------|------------|---------------------------|-------------------|---------|-----------|------|
| DESCRIPTION                     | TYPE   | STAT      | IONS     | LENGTH | width | RAD     | DIUS<br>RT | AREA   | DESCRIPTION  | TYPE       | ST       | ATIONS      | LENGTH | WIDTH | RAD<br>L T | DIUS<br>RT | AREA       | DESCRIPTION               | TYPE              | STAT    | IONS      | LENG |
|                                 |        | FROM      | TO       | (FT)   | (FT)  | (FT)    | (FT)       | (SY)   |  |            | FROM     | TO          | (FT)   | (FT)  | (FT)       | (FT)       | (SY)       |                           |                   | FROM    | TO        | (FT  |
| BISON TRAIL                     | I      | 00+74     |          | 25     | 36    | 24      | 22         | 126    | ARKANSAS RD  | I          | 52+06    |             | 40     | 15    | 16         | 24         | 87         | RAILROAD CROSSING         | S                 | 3+48    | 3+85      | +    |
| GENE ST                         | Ι      | 01+27     |          | 30     | 22    | 24      | 30         | 109    | ARKANSAS RD  | I          | 73+92    |             | 28     | 16    | 32         | 14         | 79         | CR 215                    |                   | 11+56   |           | 42   |
| MERRIMAN ST                     | I      | 03+48     |          | 27     | 16    | 25      | 28         | 82     | CONCRETE BRIDGE                                    | S          |          | 4 137+54    |        |       |            |            |            | CR 205                    | I                 | 43+67   |           | 52   |
| CARR ST                         | 1      | 05+60     |          | 30     | 22    | 36      | 13         | 109    | PRIVATE DRIVEWAYS (CON                             |            |          |             |        |       |            | 4          | 36         | CR 205                    | I                 | 49+90   |           | 53   |
| CEDAR CREEK RD                  | 1      | 11+46     |          | 62     | 18    | 10      | 0          | 127    | PRIVATE DRIVEWAYS (RES                             |            |          |             | NIIIY  |       |            | 14         | 56         | CR 204                    | I                 | 103+86  |           | 38   |
| WEBB ST<br>IVATE DRIVEWAYS (COM |        | 19+43     |          | 28     | 17    | 17      | 26         | 76     | TURNOUTS (TY I @ 28 SY.<br>TURNOUTS (TY II @ 31 SY |            |          |             |        |       |            | 14<br>10   | 392<br>310 | CR 207<br>CONCRETE BRIDGE | I<br>S            | 138+07  | 223+61    | - 3  |
| IVATE DRIVEWAYS (RESI           |        |           |          |        |       |         | 4          | 16     |  | /EH/ U     |          |             |        |       |            | TOTALS     |            | CONCRETE BRIDGE           | S                 |         | 232+81    | +    |
| IRNOUTS (TY I @ 28 SY/          |        |           | /LH/ 00  |        |       |         | 0          | 0      |  |            |          |             |        |       |            | TOTAL      | 901        | CONCRETE BRIDGE           | s                 |         | 258+77    | _    |
| RNOUTS (TY II @ 31 SY/          |        |           |          |        |       |         | Ø          | 0      | LOCATION NUMBER                                    | 41         |          |             |        |       | IGHWAY     | FM         | 2548       | CR 210                    | I                 | 303+71  | 230.77    | 4    |
|                                 |        |           |          |        |       |         | TOTALS     |        |  | _ <b>`</b> | 1        |             |        | · ·   |            |            |            | CR 212                    | $+$ $\frac{1}{1}$ | 344+89  |           | 4    |
|                                 |        |           |          |        |       |         | TOTIL      | 001    |  |            | ST       | ATIONS      |        | WIDTH | RAD        | DIUS       | AREA       | CR 209                    | I                 | 366+38  |           | 2    |
| CATION NUMBER                   | 38     |           |          |        |       | HIGHWAY | SF         | 21     | DESCRIPTION  | TYPE       | =        | 11110110    |        |       | LT         | RT         |            | CR 209A                   | I                 | 370+29  |           | 3    |
|                                 |        |           |          |        | · · · |         |            |        |  |            | FROM     | TO          | (FT)   | (FT)  | (FT)       | (FT)       | (SY)       | PRIVATE DRIVEWAYS (COM    | -                 |         |           | _    |
|                                 |        | STAT      | IONS     | LENGTH | WIDTH | RAD     | DIUS       | AREA   | FOREST RANCH LN                                    | I          | 154+0    |             | 107    | 17    | 67         | 64         | 407        | PRIVATE DRIVEWAYS (RES    |                   |         |           |      |
| DESCRIPTION                     | TYPE   | UTH1      |          |        |       | LT      | RT         |        | VIRGINIA LN  | I          | 154+8    |             | 148    | 21    | 18         | 22         | 365        | TURNOUTS (TY I @ 28 SY/   |                   |         | GOH       |      |
|                                 |        | FROM      | ТО       | (FT)   | (FT)  | (FT)    | (FT)       | (SY)   | CONCRETE BRIDGE                                    | S          | 91+13    |             |        |       | 10         |            |            | TURNOUTS (TY II @ 31 SY)  |                   |         |           |      |
| CONCRETE BRIDGE                 | s      | 59+61     | 59+77    |        |       |         |            | ,,,,,, | OKLAHOMA LN  | I          | 224+4    |             | 35     | 17    | 22         | 22         | 90         |                           |                   |         |           |      |
| FM 2346                         | I      | 73+66     | 5,.,/    | 42     | 29    | 45      | 44         | 230    | CONCRETE BRIDGE                                    | _          |          | 3 237+28    |        |       |            |            |            | L                         |                   |         |           |      |
| DERBY LN                        | T      | 73+66     |          | 38     | 21    | 39      | 30         | 147    | PRIVATE DRIVEWAYS (CON                             |            |          |             |        |       |            | 10         | 90         | LOCATION NUMBER           | 45                |         |           | -    |
| FM 1428                         | T      | 134+22    |          | 44     | 24    | 50      | 55         | 250    | PRIVATE DRIVEWAYS (RES                             |            |          |             |        |       |            | 16         | 64         |                           |                   |         |           | T    |
| RAYNOR RD                       | I      | 218+43    |          | 30     | 19    | 29      | 30         | 105    | TURNOUTS (TY I @ 28 SY.                            |            |          |             |        |       |            | 4          | 112        |                           |                   | STAT    | IONS      | LEN  |
| CONCRETE BRIDGE                 | S      | 276+51    | 276+88   |        | 17    | 2,      | - 50       | 100    | TURNOUTS (TY II @ 31 SY                            |            |          |             |        |       |            | 14         | 434        | DESCRIPTION               | TYPE              |         | 10110     |      |
| CONCRETE BRIDGE                 | s      | 284+17    | 286+02   |        |       |         |            |        |  | / [] [] [] |          |             |        |       |            | TOTALS     |            |                           |                   | FROM    | то        | (F   |
| CONCRETE BRIDGE                 | s      | 295+26    | 296+63   |        |       |         |            |        |  |            |          |             |        |       |            | TOTAL      | 1502       | COLLEGE LN                | I                 | 676     |           | 2    |
| CONCRETE BRIDGE                 | S      | 303+49    | 304+81   |        |       |         |            |        | LOCATION NUMBER                                    | 42         |          |             |        |       | IGHWAY     | CH         | 36         | VILLAGE LN                | T I               | 1008    |           |      |
| BYRD LN                         | I<br>I | 333+54    | 001101   | 35     | 21    | 25      | 10         | 99     |  |            | 1        |             |        |       |            |            |            | CR 422                    | $+$ $\frac{1}{1}$ | 1336    |           | 3    |
| HAPPY HAVEN RD                  | T      | 337+44    |          | 30     | 11    | 24      | 22         | 62     |  |            | ST       | ATIONS      |        | WIDTH | RAC        | DIUS       | AREA       |                           | I                 | 3939    |           | 3    |
| FM 2158                         | T      | 409+36    |          | 81     | 20    | 92      | 37         | 415    | DESCRIPTION  | TYPE       | =        | 1110100     |        |       | LT         | RT         |            | CR 418                    | $+$ $\frac{1}{1}$ | 7255    |           | 3    |
| SH OSR                          | ī      | 458+57    |          | 52     | 24    | 54      | 54         | 278    |  |            | FROM     | ТО          | (FT)   | (FT)  | (FT)       | (FT)       | (SY)       | LAUGHLIN RD               | I                 | 12466   |           | 3    |
| FM 247                          | T      | 465+01    |          | 330    | 32    | 30      | 40         | 1,233  | CR 342   | I          | 6+39     | -           | 35     | 30    | 76         | 21         | 265        | CR 417                    | <u> </u>          | 18770   |           | 55   |
| IVATE DRIVEWAYS (COM            |        |           |          |        | 02    |         | 13         | 117    | E HOLDINESS LN                                     | I          | 9+56     |             | 40     | 23    | 24         | 47         | 169        | CR 407                    | I                 | 21923   |           | 4    |
| IVATE DRIVEWAYS (RESI           |        |           |          |        |       |         | 86         | 344    | CR 340   | I          | 80+15    |             | 83     | 17    | 25         | 12         | 176        | FM 3061                   | I                 | 27308   |           | 14   |
| RNOUTS (TY I @ 28 SY/           |        |           |          |        |       |         | 24         | 672    | CONCRETE BRIDGE                                    | s          | 100+7    |             |        |       |            |            |            | CR 413                    | - I               | 32852   |           | 3    |
| RNOUTS (TY II @ 31 SY/          |        |           |          |        |       |         | 18         | 558    | CR 34ØA  | I          | 123+92   |             | 48     | 28    | 36         | 36         | 212        | CR 411                    | I                 | 33190   |           | 2    |
|                                 |        |           |          |        |       |         |            | 4510   | CR 344 LOOP  | I          | 139+7    |             | 25     | 20    | 22         | 39         | 104        | CR 408                    | I                 | 33554   |           | 2    |
|                                 |        |           |          |        |       |         |            |        | CR 344 LOOP  | I          | 223+13   | 3           | 35     | 44    | 23         | 20         | 194        | CR 414                    | I                 | 37462   |           | 3    |
| CATION NUMBER                   | 39     |           |          |        |       | HIGHWAY | FM         | 247    | PRIVATE DRIVEWAYS (CON                             | 1MERCI     | AL @ 9 9 | SY/EA) QUAI | NTITY  | 1     |            | 1          | 9          | CR 410                    | I                 | 41358   |           | 4    |
|                                 |        |           |          |        |       |         |            |        | PRIVATE DRIVEWAYS (RES                             | IDENT      | IAL @ 4  | SY/EA) QUA  | NTITY  |       |            | 34         | 136        | CR 410A                   | Ι                 | 42858   |           | 4    |
| DECODIDITION                    | TYPE   | STAT      | IONS     | LENGTH | WIDTH | RAL     | DIUS       | AREA   | TURNOUTS (TY I @ 28 SY.                            | /EA) (I    | UANTITY  |             |        |       |            | 34         | 952        | CR 415                    | I                 | 45081   |           | 2    |
| DESCRIPTION                     | TYPE   |           |          |        |       | LT      | RT         | 1      | TURNOUTS (TY II @ 31 SY                            | /EA) 0     | UANTITY  | /           |        |       |            | 6          | 186        | FM 486                    | I                 | 50540   |           | 2    |
|                                 |        | FROM      | TO       | (FT)   | (FT)  | (FT)    | (FT)       | (SY)   |  |            |          |             |        |       |            | TOTALS     | 2,403      | FM 486                    | I                 | 50540   |           | 2    |
| SCHOOL RD                       | Ι      | 7+39      |          | 31     | 15    | 19      | 30         | 82     | <b>L</b>   |            |          |             |        |       |            |            |            | CR 426                    | I                 | 57615   |           | 2    |
| HICKORY LOOP                    | Ι      | 21+54     |          | 30     | 15    | 21      | 18         | 69     | LOCATION NUMBER                                    | 43         |          |             |        |       | IGHWAY     | FM         | 1963       | CR 412                    | Ι                 | 61871   |           | 2    |
| HICKORY LOOP                    | Ι      | 23+92     |          | 38     | 11    | 15      | 19         | 61     |  |            |          |             |        |       |            | DIUS       |            | CR 412                    | Ι                 | 61871   |           | 2    |
| MESQUITE LN                     | I      | 28+09     |          | 44     | 14    | 26      | 10         | 87     | DESCRIPTION  | TYPE       | ST       | ATIONS      | LENGTH | WIDTH |            |            | AREA       | FM 1600                   | Ι                 | 71127   |           | 1    |
| LOCUST LN                       | I      | 28+35     |          | 41     | 12    | 10      | 15         | 63     | DESCRIPTION  |            |          |             |        |       | LT         | RT         |            | CR 429                    | Ι                 | 71127   |           |      |
| NEVADA LN                       | Ι      | 51+43     |          | 30     | 17    | 16      | 20         | 73     |  |            | FROM     |             | (FT)   | (FT)  | (FT)       | (FT)       | (SY)       | CONCRETE BRIDGE           | S                 | 76544   | 76618     |      |
| FARRIS LOOP                     | Ι      | 59+56     |          | 47     | 10    | 37      | 54         | 155    | PECAN ST   | Ι          | 23+39    |             | 62     | 17    | 60         | 41         | 244        | CONCRETE BRIDGE           | S                 | 77563   | 77669     |      |
| FARRIS LOOP                     | I      | 66+84     |          | 41     | 12    | 7       | 32         | 81     | HICKORY ST   | Ι          | 26+56    |             | 46     | 16    | 16         | 89         | 277        | CONCRETE BRIDGE           | S                 | 78646   | 78735     |      |
| HACKETT BRANCH RD               | I      | 72+92     |          | 36     | 18    | 19      | 30         | 103    | WHEAT ST   | Ι          | 28+93    |             | 25     | 20    | 8          | 6          | 58         | CONCRETE BRIDGE           | S                 | 81777   | 82067     |      |
| HARPER LN                       | Ι      | 111+14    |          | 46     | 27    | 21      | 27         | 166    | CHURCH ST  | Ι          | 32+37    |             | 68     | 21    | 26         | 37         | 208        | CR 235                    | Ι                 | 84997   |           |      |
| HACKETT BRANCH RD               | Ι      | 150+74    |          | 34     | 25    | 15      | 29         | 120    | CR 133   | I          | 36+Ø6    |             | 48     | 18    | 22         | 42         | 150        | CR 302                    | I                 | 86993   |           |      |
| IDAHO LN                        | Ι      | 189+02    |          | 43     | 23    | 8       | 35         | 141    | CR 133   | Ι          | 36+06    |             | 43     | 22    | 18         | 17         | 120        | ROCKDALE WEST RD          | I                 | 90473   |           |      |
| BLANCHETTE RD                   | Ι      | 273+13    |          | 49     | 15    | 24      | 21         | 106    | 3RD ST   | Ι          | 43+93    |             | 37     | 20    | 26         | 14         | 104        | CR 303                    | Ι                 | 93181   |           |      |
| FM 1428                         |        | 301+28    |          | 65     | 26    | 60      | 60         | 360    | PRIVATE DRIVEWAYS (COM                             |            |          |             |        |       |            | 0          | Ø          | PRIVATE DRIVEWAYS (COM    |                   |         |           |      |
| KYLE RD                         | Ι      | 308+77    |          | 26     | 14    | 23      | 23         | 66     | PRIVATE DRIVEWAYS (RES                             |            |          |             | NTITY  |       |            | 1          | 4          | PRIVATE DRIVEWAYS (RES    |                   |         | (/EA) QUA | ٩ΝΤΙ |
| WILSON SHOALS RD                | I      | 423+30    |          | 36     | 23    | 28      | 26         | 127    | TURNOUTS (TY I @ 28 SY.                            |            |          |             |        |       |            | 0          | Ø          | TURNOUTS (TY I @ 28 SY/   |                   |         |           |      |
| VATE DRIVEWAYS (COM             | 1ERCIA | L@9SY     | /EA) QUA | ANTITY |       |         | 13         | 117    | TURNOUTS (TY II @ 31 SY                            | /EA) ()    | UANTITY  | /           |        |       |            | 6          | 186        | TURNOUTS (TY II @ 31 SY)  | /EA) 01           | UANTITY |           |      |
| VATE DRIVEWAYS (RESI            | DENTI  | AL @ 4 SY | '/EA) QU | ANTITY |       |         | 35         | 140    |  |            |          |             |        |       |            | TOTALS     | 1,351      |                           |                   |         |           |      |
| RNOUTS (TY I @ 28 SY/           | EA) QU | ANTITY    |          |        |       |         | 26         | 728    |  |            |          |             |        |       |            |            |            |                           |                   |         |           |      |
| RNOUTS (TY II @ 31 SY/          | EA) OL | ANTITY    |          |        |       |         | 15         | 465    |  |            |          |             |        |       |            |            |            |                           |                   |         |           |      |
|                                 |        |           |          |        |       |         |            | 3,310  |  |            |          |             |        |       |            |            |            |                           |                   |         |           |      |

RAMP(R) SKIPPED LOCATION (S) TURN AROUND ( T ) CROSSOVER ( C )

|   |        | 486   |      |        |      |  |  |
|---|--------|-------|------|--------|------|--|--|
|   | LENGTH | WIDTH | RAD  | IUS    | AREA |  |  |
|   |        |       | LT   | RT     |      |  |  |
|   | (FT)   | (FT)  | (FT) | (FT)   | (SY) |  |  |
|   |        |       |      |        |      |  |  |
|   | 42     | 23    |      |        |      |  |  |
|   | 52     | 18    | 6    | Ø      | 105  |  |  |
|   | 53     | 19    | Ø    | 6      | 113  |  |  |
|   | 38     | 24    | 18   | 23     | 122  |  |  |
|   | 39     | 26    | 29   | 30     | 155  |  |  |
|   |        |       |      |        |      |  |  |
|   |        |       |      |        |      |  |  |
|   |        |       |      |        |      |  |  |
|   | 44     | 14    | 32   | 35     | 123  |  |  |
|   | 42     | 22    | 38   | 33     | 164  |  |  |
|   | 25     | 20    | 21   | 17     | 73   |  |  |
|   | 37     | 16    | 27   | 30     | 105  |  |  |
| ١ | NTITY  |       |      | Ø      | Ø    |  |  |
| ł | NTITY  |       |      | 5      | 20   |  |  |
|   |        |       |      | 8      | 224  |  |  |
|   |        |       |      | 9      | 279  |  |  |
|   |        |       |      | TOTALS | 1648 |  |  |

|        | ŀ     | IGHWAY | FM     | 487  |
|--------|-------|--------|--------|------|
| LENGTH | WIDTH | RAD    | IUS    | AREA |
|        |       | LT     | RT     | _    |
| (FT)   | (FT)  | (FT)   | (FT)   | (SY) |
| 28     | 14    | 22     | 20     | 65   |
| 36     | 18    | 41     | 38     | 147  |
| 30     | 22    | 26     | 25     | 105  |
| 35     | 18    | 77     | 52     | 276  |
| 35     | 22    | 37     | 22     | 130  |
| 30     | 24    | 38     | 15     | 120  |
| 55     | 19    | 30     | 54     | 208  |
| 40     | 25    | 30     | 56     | 208  |
| 145    | 25    | 33     | 32     | 454  |
| 30     | 25    | 22     | 12     | 99   |
| 25     | 22    | 29     | 29     | 102  |
| 25     | 20    | 30     | 30     | 99   |
| 30     | 29    | 44     | 35     | 173  |
| 40     | 22    | 35     | 22     | 139  |
| 40     | 18    | 26     | 17     | 104  |
| 25     | 16    | 18     | 44     | 99   |
| 280    | 28    | 43     | 34     | 943  |
| 280    | 28    | 34     | 48     | 954  |
| 26     | 20    | 28     | 29     | 97   |
| 20     | 18    | 20     | 18     | 58   |
| 25     | 35    | 39     | 42     | 176  |
| 155    | 30    | 48     | 48     | 627  |
| 30     | 23    | 28     | 21     | 106  |
|        |       |        |        |      |
|        |       |        |        |      |
|        |       |        |        |      |
|        |       |        |        |      |
| 23     | 26    | 21     | 28     | 96   |
| 42     | 19    | 67     | 18     | 204  |
| 33     | 23    | 31     | 35     | 137  |
| 25     | 22    | 21     | 25     | 87   |
| YTITY  |       |        | 4      | 36   |
| NTITY  |       |        | 120    | 480  |
|        |       |        | 63     | 1764 |
|        |       |        | 52     | 1612 |
|        |       |        | TOTALS | 9905 |



023, ETC.

# INTERSECTIONS, RAMPS, DRIVEWAYS, TURNOUTS, AND SKIPPED LOCATIONS

| LOCATION NUMBER          | 46      |           |           |        | ŀ     | ICHWAY | FM     | 908   |
|--------------------------|---------|-----------|-----------|--------|-------|--------|--------|-------|
| DESCRIPTION              | TYPF    | STAT      | IONS      | LENGTH | WIDTH | RAD    | IUS    | AREA  |
| DESCRIPTION              | TITPE   |           |           |        |       | LT     | RT     |       |
|                          |         | FROM      | TO        | (FT)   | (FT)  | (FT)   | (FT)   | (SY)  |
| RAILROAD CROSSINGS       | S       | Ø+63      | 0+90      |        |       |        |        |       |
| MILL                     | Ι       | 4+33      |           | 65     | 27    | 106    | 18     | 471   |
| 1ST ST                   | I       | 5+07      |           | 49     | 30    | 40     | 45     | 250   |
| BOGA ST                  | Ι       | 5+65      |           | 50     | 14    | 56     | 17     | 160   |
| W WHITE AVE              | I       | 12+67     |           | 26     | 19    | 25     | 15     | 76    |
| E WHITE AVE              | Ι       | 13+Ø4     |           | 28     | 16    | 16     | 20     | 66    |
| W ROBERTS AVE            | I       | 19+01     |           | 150    | 16    | 25     | Ø      | 282   |
| PECAN ST                 | Ι       | 24+50     |           | 50     | 24    | 21     | 38     | 179   |
| BEVERLY DR               | Ι       | 47+89     |           | 46     | 24    | 24     | 21     | 147   |
| PRIVATE DRIVEWAYS (COM   | MERCIA  | AL @ 9 SY | /EA) QUAI | NTITY  |       |        | 3      | 27    |
| PRIVATE DRIVEWAYS (RES)  | DENTI   | AL @ 4 SY | (/EA) QUA | NTITY  |       |        | 30     | 120   |
| TURNOUTS (TY I @ 28 SY/  | EA) QU  | ANTITY    |           |        |       |        | 22     | 616   |
| TURNOUTS (TY II @ 31 SY/ | 'EA) OL | JANTITY   |           |        |       |        | 1      | 31    |
|                          |         |           |           |        |       |        | TOTALS | 2,425 |

| LOCATION NUMBER          | 47     |                 |           | -      | ŀ     | ICHWAY | FM 3   | 242  |
|--------------------------|--------|-----------------|-----------|--------|-------|--------|--------|------|
| DESCRIPTION              | TYPE   | STAT            | IONS      | LENGTH | WIDTH | RAE    | IUS    | AREA |
| DESCRIPTION              |        |                 |           |        |       | LT     | RT     |      |
|                          |        | FROM            | TO        | (FT)   | (FT)  | (FT)   | (FT)   | (SY) |
| CR 343                   | Ι      | 38+70           |           | 47     | 24    | 39     | 48     | 217  |
| CR 239                   | Ι      | 101+75 54 18 41 |           |        |       |        | 48     | 204  |
| CR 237                   | Ι      | 202+28 41 25    |           |        |       | 27     | 32     | 156  |
| E PARK ST                | Ι      | 373+45 32 22 20 |           |        |       | 20     | 24     | 102  |
| E MILAM ST               | Ι      | 379+37          |           | 32     | 13    | 29     | 27     | 84   |
| PRIVATE DRIVEWAYS (COMM  | 1ERCI4 | AL @ 9 SY       | /EA) OUAI | NTITY  |       |        | 1      | 9    |
| PRIVATE DRIVEWAYS (RESI  | DENTI  | AL @ 4 SY       | '/EA) QUA | NTITY  |       |        | 7      | 28   |
| TURNOUTS (TY I @ 28 SY/I | EA) QU | IANTITY         |           |        |       |        | 13     | 364  |
| TURNOUTS (TY II @ 31 SY/ | EA) QL | JANTITY         |           |        |       |        | 27     | 837  |
|                          |        |                 |           |        |       |        | TOTALS | 2001 |

| CATION NUMBER           | 48      |           |           |        | ŀ     | IGHWAY | SF     | 6      |
|-------------------------|---------|-----------|-----------|--------|-------|--------|--------|--------|
| DESCRIPTION             | TYPE    | STAT      | IONS      | LENGTH | WIDTH | RAD    | IUS    | AREA   |
| DESCRIPTION             | 1 5     |           |           |        |       | LT     | RT     |        |
|                         |         | FROM      | то        | (FT)   | (FT)  | (FT)   | (FT)   | (SY)   |
| CONCRETE BRIDGE         | S       | 1+16      | 2+48      |        |       |        |        |        |
| FM 1373                 | I       | 56+92     |           | 200    | 28    | 112    | 112    | 1,221  |
| FM 1373                 | I       | 56+92     |           | 200    | 28    | 112    | 112    | 1,221  |
| BENCH RD                | Ι       | 98+37     |           | 35     | 20    | 27     | 27     | 113    |
| YASTIC RD               | Ι       | 136+80    |           | 35     | 20    | 34     | 18     | 114    |
| YASTIC RD               | Ι       | 136+80    |           | 40     | 15    | 69     | 32     | 205    |
| SH 14                   | R       | 154+44    |           | 150    | 63    | 66     | 157    | 1,742  |
| SH 14                   | R       | 164+16    |           | 180    | 30    | 4      | Ø      | 6Ø1    |
| SPRINGER RD             | Ι       | 192+67    |           | 50     | 22    | 21     | 27     | 151    |
| OLD HWY                 | Ι       | 226+41    |           | 90     | 18    | 35     | 14     | 214    |
| GEORGINA RD             | Ι       | 226+41    |           | 55     | 12    | 30     | 47     | 148    |
| PLANT RD                | Ι       | 237+81    |           | 50     | 44    | 31     | 67     | 375    |
| COOKS RD                | Ι       | 265+64    |           | 85     | 20    | 46     | 26     | 256    |
| FRANKS RD               | Ι       | 278+Ø4    |           | 26     | 19    | 23     | 19     | 77     |
| MARTIN RD               | Ι       | 295+63    |           | 28     | 15    | 20     | 20     | 66     |
| CLOSS RD                | Ι       | 455+40    |           | 35     | 28    | 38     | 20     | 153    |
| S TIDWELL PRARIE RD     | Ι       | 455+40    |           | 35     | 21    | 12     | 35     | 115    |
| FM 2159                 | Ι       | 498+01    |           | 200    | 32    | 50     | 165    | 1,420  |
| CONCRETE BRIDGE         | S       | 518+39    | 521+93    |        |       |        |        |        |
| CONCRETE BRIDGE         | S       | 536+98    | 539+62    |        |       |        |        |        |
| TIDWELL CREEK RD/CR     | Ι       | 656+99    |           | 30     | 24    | 19     | 21     | 100    |
| WILLIS                  | Ι       | 660+05    |           | 25     | 18    | 28     | 28     | 88     |
| DOWNS                   | Ι       | 663+27    |           | 30     | 18    | 22     | 22     | 84     |
| 33 TOTAL CROSSOVERS     | Ι       |           |           | 55     | 58    | 23     | 23     | 12,540 |
| RIVATE DRIVEWAYS (COM   | MERCIA  | AL @ 9 SY | /EA) QUAI | NTITY  |       |        | 71     | 639    |
| RIVATE DRIVEWAYS (RES)  | DENTI   | AL @ 4 SY | //EA) QUA | NTITY  |       |        | 7      | 28     |
| JRNOUTS (TY I @ 28 SY/  | EA) QU  | ANTITY    |           |        |       |        | 7      | 196    |
| JRNOUTS (TY II @ 31 SY/ | 'EA) OL | JANTITY   |           |        |       |        | Ø      | Ø      |
|                         |         |           |           |        |       |        | TOTALS | 21867  |

| CATION NUMBER  | 49    |         |           |        | F     | IGHWAY | US                       | 190       |
|--|-------|---------|-----------|--------|-------|--------|--------------------------|-----------|
| DESCRIPTION  | TYPE  | STAT    | IONS      | LENGTH | WIDTH | RAD    | IUS                      | AREA      |
| DESCRIPTION  |       |         |           |        |       | LT     | RT                       |           |
|  |       | FROM    | TO        | (FT)   | (FT)  | (FT)   | (FT)                     | (SY)      |
| AVE C  | Ι     | 9+61    |           | 20     | 22    | 22     | 17                       | 68        |
| AVE B  | Ι     | 18+32   |           | 55     | 42    | 17     | 21                       | 275       |
| ELM AVE  | Ι     | 21+17   |           | 25     | 41    | 30     | 125                      | 508       |
| GOODRICH DR  | Ι     | 3Ø+84   |           | 25     | 40    | 25     | 25                       | 141       |
| PINE ST  | Ι     | 34+90   |           | 30     | 18    | 20     | 20                       | 80        |
| DOGWOOD DR   | Ι     | 41+87   |           | 25     | 18    | 20     | 20                       | 70        |
| SHØØ19   | S     | 50+11   | 60+30     |        |       |        |                          |           |
| SWEETGUM AVE   | Ι     | 63+41   |           | 20     | 23    | 30     | 15                       | 78        |
| GENEVA   | Ι     | 99+11   |           | 25     | 25    | 20     | 34                       | 107       |
| CHAMPION WOODYARD RD   | Ι     | 103+86  |           | 25     | 30    | 36     | 30                       | 136       |
| CALVARY RD   | Ι     | 114+95  |           | 15     | 20    | 17     | 17                       | 48        |
| EUCALYPTUS RD  | Ι     | 123+60  |           | 25     | 20    | 50     | 20                       | 125       |
| SHEPARD RD   | Ι     | 126+19  |           | 27     | 20    | 28     | 27                       | 97        |
| CATALINA RD  | Ι     | 128+57  |           | 15     | 18    | 27     | 16                       | 54        |
| FM 2929  | Ι     | 160+09  |           | 200    | 35    | 62     | 50                       | 930       |
| NT COLONY CEMETERY R   | DI    | 162+57  |           | 20     | 20    | 13     | 15                       | 54        |
| XOVER  | Ι     | 246+26  |           | 23     | 30    | 40     | 17                       | 122       |
| PHELPS SLAB RD   | Ι     | 298+21  |           | 50     | 25    | 170    | 6                        | 829       |
| JOE NOVAK RD   | Ι     | 299+11  |           | 16     | 20    | 19     | 22                       | 56        |
| IDA OLIVIA LN  | I     | 318+23  |           | 10     | 20    | 13     | 13                       | 31        |
| JIM BENSON RD  | Ι     | 326+46  |           | 10     | 18    | 14     | 14                       | 30        |
| FM 2296  | I     | 331+00  |           | 200    | 35    | 50     | 50                       | 898       |
| JACKSON RD   | I     | 340+98  |           | 27     | 21    | 20     | 17                       | 80        |
| CONCRETE BRIDGE  | S     | 346+95  | 348+43    |        |       |        |                          |           |
| KALYN RD   | I     | 371+82  | 0.0.0     | 30     | 24    | 26     | 26                       | 113       |
| MATHIS DAIRY RD  | I     | 387+18  |           | 25     | 28    | 21     | 55                       | 161       |
| LAWRENCE LN  | I     | 397+74  |           | 15     | 20    | 20     | 20                       | 53        |
| MCFADDEN RD  | I     | 446+21  |           | 15     | 25    | 21     | 20                       | 62        |
| FM 405   | I     | 469+81  |           | 200    | 35    | 34     | 25                       | 821       |
| PINE OAK LN  | I     | 479+32  |           | 26     | 27    | 15     | 15                       | 89        |
| MAGNOLIA LN  | I     | 491+67  |           | 20     | 23    | 20     | 20                       | 71        |
| DAVIS RD   | I     | 522+67  |           | 15     | 20    | 20     | 20                       | 58        |
| E FORK DR  | I     | 552+24  |           | 100    | 40    | 25     | 20                       | 469       |
| CONCRETE BRIDGE  | S     | 594+42  | 596+64    | 100    | 40    | 20     | 20                       | 400       |
| BROWN RD   | I     | 618+97  | 576764    | 24     | 18    | 15     | 18                       | 62        |
| MANN RD  | I     | 632+54  |           | 30     | 23    | 20     | 20                       | 96        |
| RIVATE DRIVEWAYS (COMM   | -     |         |           |        | 23    | 20     | 20                       | 96<br>225 |
|  |       |         |           |        |       |        |                          |           |
|  |       |         | / CAI UUA |        |       |        |                          | 612       |
|  |       |         |           |        |       |        |                          | 3584      |
| JRINUUTS (IT II @ 31 SY/E  | A) UL | INNITIA |           |        |       |        |                          | 0         |
|  |       |         |           |        |       |        | TOTALS                   | 11,293    |
| RIVATE DRIVEWAYS (RESID<br>JRNOUTS (TY I @ 28 SY/E<br>JRNOUTS (TY II @ 31 SY/E | A) QU | ANTITY  | (/EA) QUA | NTITY  |       |        | 153<br>128<br>Ø<br>TOTAI |           |

| LOCATION NUMBER          | 50     |           |           |        |       | IGHWAY | FM (   | 230   |
|--------------------------|--------|-----------|-----------|--------|-------|--------|--------|-------|
|                          | TYPE   | STAT      | IONS      | LENGTH | WIDTH | RAE    | DIUS   | AREA  |
| DESCRIPTION              | TYPE   |           |           |        |       | LT     | RT     |       |
|                          |        | FROM      | TO        | (FT)   | (FT)  | (FT)   | (FT)   | (SY)  |
| BO BROWN                 | Ι      | 131+21    |           | 30     | 22    | 25     | 25     | 104   |
| FM 3478                  | Ι      | 143+51    |           | 200    | 50    | 57     | 50     | 1,249 |
| BEAR CREEK RD            | Ι      | 239+76    |           | 25     | 25    | 20     | 20     | 89    |
| PLANTATION RD            | I      | 261+52    |           | 20     | 23    | 27     | 22     | 81    |
| CONCRETE BRIDGE          | S      | 300+64    | 301+54    |        |       |        |        |       |
| CHALK CEMETERY RD        | Ι      | 377+57    |           | 35     | 27    | 50     | 24     | 179   |
| KOONCE RD                | Ι      | 425+46    |           | 28     | 30    | 62     | 30     | 207   |
| CONCRETE BRIDGE          | S      | 441+62    | 1656+49   |        |       |        |        |       |
| PRIVATE DRIVEWAYS (COM   | 1ERCI4 | AL @ 9 SY | /EA) QUAN | NTITY  |       |        | 15     | 135   |
| PRIVATE DRIVEWAYS (RESI  | DENTI  | AL @ 4 S) | (/EA) QUA | NTITY  |       |        | Ø      | Ø     |
| TURNOUTS (TY I @ 28 SY/  | EA) OL | IANTITY   |           |        |       |        | 32     | 896   |
| TURNOUTS (TY II @ 31 SY/ | EA) OL | JANTITY   |           |        |       |        | 2      | 62    |
|                          |        |           |           |        |       |        | TOTALS | 3,002 |

| OCATION NUMBER          | 51     |           |           |        | ŀ     | IGHWAY | FM (   | 247  |
|-------------------------|--------|-----------|-----------|--------|-------|--------|--------|------|
| DESCRIPTION             | TYPF   | STAT      | IONS      | LENGTH | WIDTH | RAD    | IUS    | ARE  |
| BESCHI FION             | 1      |           |           |        |       | LT     | RT     |      |
|                         |        | FROM      | TO        | (FT)   | (FT)  | (FT)   | (FT)   | (SY) |
| FRIZZELL RD             | I      | 73+23     |           | 25     | 15    | 12     | 27     | 63   |
| FM 2989                 | 1      | 118+38    |           | 200    | 28    | 70     | 43     | 784  |
| LOST INDIAN CAMP RD     | Ι      | 295+94    |           | 25     | 25    | 21     | 41     | 121  |
| DAVIDSON RD             | I      | 369+02    |           | 35     | 24    | 24     | 21     | 118  |
| JORDY RD                | I      | 414+59    |           | 25     | 16    | 15     | 26     | 66   |
| CONCRETE BRIDGE         | S      | 425+52    | 427+05    |        |       |        |        |      |
| PINEDALE RD             | I      | 459+57    |           | 25     | 20    | 22     | 45     | 116  |
| ALLEN DR                | 1      | 495+58    |           | 35     | 20    | 34     | 24     | 120  |
| FM 2628                 | Ι      | 536+40    |           | 200    | 30    | 100    | 35     | 935  |
| PINE PRAIRE RD          | Ι      | 564+48    |           | 45     | 20    | 6      | 16Ø    | 712  |
| JOHN KAY RD             | Ι      | 571+67    |           | 15     | 21    | 19     | 19     | 53   |
| HALL RD                 | Ι      | 574+31    |           | 15     | 15    | 12     | 18     | 37   |
| LANGLEY RD              | I      | 584+50    |           | 25     | 23    | 13     | 24     | 82   |
| SCOTT RD                | I      | 6Ø3+19    |           | 25     | 21    | 15     | 18     | 72   |
| PIERCE RD               | I      | 6Ø3+19    |           | 25     | 21    | 18     | 15     | 72   |
| DUERER RD               | I      | 627+37    |           | 24     | 20    | 29     | 40     | 112  |
| COWBOY COUNTRY RD       | Ι      | 661+Ø6    |           | 25     | 27    | 15     | 27     | 98   |
| PINE HOLLOW LN          | Ι      | 692+84    |           | 20     | 20    | 21     | 30     | 77   |
| SHOTWELL CIR            | Ι      | 694+53    |           | 20     | 15    | 12     | 40     | 75   |
| TOWN AND COUNTRY AVE    | I      | 696+59    |           | 20     | 22    | 14     | 33     | 80   |
| MCADAMS LN              | Ι      | 701+92    |           | 10     | 12    | 9      | 25     | 31   |
| RIVATE DRIVEWAYS (COM   | MERCIA | AL @ 9 SY | /EA) QUAN | NTITY  |       |        | 9      | 81   |
| RIVATE DRIVEWAYS (RESI  | DENTI  | AL @ 4 SY | //EA) QUA | NTITY  |       |        | 120    | 480  |
| URNOUTS (TY I @ 28 SY/  | EA) QU | ANTITY    |           |        |       |        | 49     | 1372 |
| URNOUTS (TY II @ 31 SY/ | EA) QL | JANTITY   |           |        |       |        | 8      | 248  |
|                         |        |           |           |        |       |        | TOTALS | 6.00 |

| LOCATION NUMBER          | 52     |                       |           | HIGHWAY FM 2 |      |      |        |      |  |  |
|--------------------------|--------|-----------------------|-----------|--------------|------|------|--------|------|--|--|
| DESCRIPTION              | TYPE   | STATIONS LENGTH WIDTH |           | RAE          | DIUS | AREA |        |      |  |  |
| DESCRIPTION              | LIFE   |                       |           |              |      | LT   | RT     |      |  |  |
|                          |        | FROM                  | TO        | (FT)         | (FT) | (FT) | (FT)   | (SY) |  |  |
| N/A                      | N/A    | N/A                   | N/A       | N/A          | N/A  | N/A  | N/A    | N/A  |  |  |
| PRIVATE DRIVEWAYS (COMM  | 1ERCIA | AL @ 9 SY             | /EA) QUAN | NTITY        |      |      | Ø      | Ø    |  |  |
| PRIVATE DRIVEWAYS (RESI  | DENTI  | AL @ 4 SY             | ′/EA) QUA | NTITY        |      |      | Ø      | Ø    |  |  |
| TURNOUTS (TY I @ 28 SY/E | EA) QU | ANTITY                |           |              |      |      | Ø      | Ø    |  |  |
| TURNOUTS (TY II @ 31 SY/ | EA) QL | JANTITY               |           |              |      |      | Ø      | Ø    |  |  |
|                          |        |                       |           |              |      |      | TOTALS | Ø    |  |  |

| LOCATION NUMBER          | 53     |                 | HIGHWAY FM |        |       |      |        |      |  |
|--------------------------|--------|-----------------|------------|--------|-------|------|--------|------|--|
|                          | TYPF   | STAT            | IONS       | LENGTH | WIDTH | RAE  | DIUS   | AREA |  |
| DESCRIPTION              | TITE   |                 |            |        |       | LT   | RT     |      |  |
|                          |        | FROM TO (F      |            |        | (FT)  | (FT) | (FT)   | (SY) |  |
| CONCRETE BRIDGE          | S      | 156+98 157+77   |            |        |       |      |        |      |  |
| OLD MIDWAY RD            | Ι      | 295+00 40 25 17 |            |        |       | 17   | 79     | 267  |  |
| TEAL RD                  | I      | 299+91          |            | 36     | 14    | 15   | 15     | 67   |  |
| PRIVATE DRIVEWAYS (COM   | MERCIA | AL @ 9 SY       | /EA) QUAN  | NTITY  |       |      | 2      | 18   |  |
| PRIVATE DRIVEWAYS (RESI  | DENTI  | AL @ 4 S1       | //EA) QUA  | NTITY  |       |      | 13     | 52   |  |
| TURNOUTS (TY I @ 28 SY/  | EA) QL | IANTITY         |            |        |       |      | 10     | 280  |  |
| TURNOUTS (TY II @ 31 SY/ | EA) QL | JANTITY         |            |        |       |      | 2      | 62   |  |
|                          |        |                 |            |        |       |      | TOTALS | 746  |  |

| INTERSECTION ( I )   |
|----------------------|
| RAMP(R)              |
| SKIPPED LOCATION (S) |
| TURN AROUND ( T )    |
| CROSSOVER (C)        |
|                      |

| 11                   | JIALSI /40 | 5   |                             |               |
|----------------------|------------|---|-----------------------------|---------------|
|                      |            |   | PRINT DATE                  | REVISION DATE |
|                      |            |   | \$DATE\$                    | •             |
| DF                   | TERSE      | Texas Dep<br>of Transp<br><sup>Bryan District</sup><br>CTIONS<br>YS, TU<br>PED LC | ortation<br>8, RAM<br>RNOUT | ſS,           |
|                      | SHEE       | T 06 OF 10 SH   | EETS                        |               |
| FED. RD.<br>DIV. NO. | PROJECT    | NUMBER  | HIGHWAY                     | NUMBER        |
| 6                    | F 202      | 5(135)  | BS 6S                       | , ETC.        |
| STATE                | DISTRICT   |   | COUNTY                      |               |
| TEXAS                | BRY        | G   | RIMES, ETC                  | ).            |
| CONTROL              | SECTION    | JC  | в                           | SHEET NO.     |
| 0050                 | 11         | 023, I  | ETC.                        | 30            |

# INTERSECTIONS, RAMPS, DRIVEWAYS, TURNOUTS, AND SKIPPED LOCATIONS

| LOCATION NUMBER   | 54   |  |                |   |  | HIGHWAY                          | FM  | 912  | LOCATION NUMBER                                  | 57     | 1         |            |        |       | HIGHWAY | FM     | 577 |
|---|--|--|----------------|---|--|----------------------------------|---|--|--|--------|-----------|------------|--------|-------|---------|--------|-----|
|   |  | CT A I   | TIONO          | - ENGTU   |  | RA                               | DIUS  |  |  |        | CT A I    |            | ENGT   |       | RAD     | IUS    |     |
| DESCRIPTION   | TYPE   | SIAI   | TIONS          | LENGIH  | WIDTH                                  | LT                               | RT  | AREA   | DESCRIPTION                                      | TYPE   | SIAI      | TIONS      | LENGIE | WIDTH |         | RT     | ARI |
|   |  | FROM   | ТО             | (FT)  | (FT)                                   | (FT)                             | (FT)  | (SY)   |  |        | FROM      | ТО         | (FT)   | (FT)  | (FT)    | (FT)   | (S  |
| BOSSE RD  |  | 18+43  | 10             | 47  | 23                                     | 22                               | 24  | 146  | AUTUMN RAIN DR                                   | T      | 3+27      | 10         | 28     | 42    | 24      | 24     | 15  |
| JENSEN RD   |  | 73+02  |                | 38  | 23                                     | 15                               | 36  | 134  | BURLESON ST                                      | I      | 17+16     |            | 70     | 26    | 60      | 65     | 38  |
| CONCRETE BRIDGE   | S  | 83+79  | 86+17          | 50  | 2.5                                    | 15                               | 50  | 134  | BURLESON ST                                      | I      | 17+16     |            | 80     | 23    | 64      | 65     | 40  |
| DILL HILL LN  |  | 116+64   | 00.17          | 28  | 18                                     | 15                               | 15  | 67   | RINK ST  | I      | 25+24     |            | 38     | 36    | 20      | 20     | 17  |
| PRIVATE DRIVEWAYS (CON  |  |  | I<br>(/FA) QUA |   | 10                                     | 10                               | 0   | 0  | RINK ST  | 1      | 25+24     |            | 45     | 32    | 20      | 20     | 18  |
| PRIVATE DRIVEWAYS (RES  |  |  |                |   |  |                                  | 21  | 84   | RAILROAD CROSSING                                | s      | 27+67     | 27+77      | 10     | 02    | 20      | 20     |     |
| FURNOUTS (TY I @ 28 SY  |  |  |                |   |  |                                  | 6   | 168  | HIGGIN ST  | 1      | 35+Ø6     | 2, . , ,   | 27     | 32    | 24      | 23     | 12  |
| TURNOUTS (TY II @ 31 SY   |  |  |                |   |  |                                  | 8   | 248  | HIGGIN ST  | T      | 35+Ø6     |            | 28     | 22    | 26      | 29     | 10  |
|   |  |  |                |   |  |                                  | TOTALS  |  | EWING ST   | T      | 38+12     |            | 24     | 34    | 20      | 22     | 11  |
|   |  |  |                |   |  |                                  | 1011120   |  | EWING ST   | T      | 38+12     |            | 43     | 34    | 25      | 25     | 10  |
| LOCATION NUMBER   | 55   |  |                |   |  | HIGHWAY                          | FM  | 2447   | SH 36J   | S      | 38+65     | 44+77      |        |       | 20      | 20     | -   |
|   |  |  |                |   |  |                                  |   |  | SCHOMBURG ST                                     | I      | 45+36     |            | 35     | 27    | 20      | 20     | 12  |
|   |  | STAT   | TIONS          |   | WIDTH                                  | RA                               | DIUS  | AREA   | HASSKARL DR                                      | T      | 58+92     |            | 32     | 27    | 23      | 23     | 12  |
| DESCRIPTION   | TYPE   | 0  | 10110          |   |  | LT                               | RT  |  | GAY HILL ST                                      | I      | 64+10     |            | 35     | 28    | 14      | 16     | 12  |
|   |  | FROM   | ТО             | (FT)  | (FT)                                   | (FT)                             | (FT)  | (SY)   | FM 2935  | T      | 64+10     |            | 200    | 31    | 46      | 51     | 80  |
| TIMBER BRIDGE LN  | T  | 43+93  |                | 25  | 30                                     | 20                               | 20  | 103  | HARRINGTON ST                                    | T T    | 71+12     |            | 30     | 25    | 20      | 18     | 10  |
| SAMPLE CEMETERY RD  | - <u>-</u>   | 61+Ø4  |                | 27  | 23                                     | 20                               | 20  | 90   | ARMBRISTER ST                                    | T T    | 73+02     |            | 38     | 26    | 24      | 15     | 12  |
| OLD CHAPPELL HILL RD  | - I  | 66+16  |                | 42  | 28                                     | 25                               | 36  | 177  | INDEPENDENCE RD                                  | T      | 81+00     |            | 55     | 58    | 50      | 25     | 42  |
| SYCAMORE RD   | I  | 73+92  |                | 24  | 15                                     | 12                               | 18  | 52   | INDEPENDENCE RD                                  | 1      | 81+00     |            | 58     | 44    | 38      | 40     | 35  |
| FM 1155   | S  | 76+61  |                | <u> </u>  |  |                                  |   |  | SH 105   | S      | 90+45     | 94+56      |        |       |         | .0     |     |
| CHURCH ST   | I  | 90+24  |                | 15  | 20                                     | 15                               | 15  | 45   | BROWN ST   | I      | 94+99     |            | 36     | 28    | 31      | 16     | 14  |
| SPENCER LN  | <u> </u>   | 91+82  |                | 40  | 16                                     | 0                                | 7   | 73   | LAURAINE LN                                      | T      | 105+76    |            | 26     | 25    | 23      | 37     | 11  |
| SANDY LN  | + + +  | 105+44   |                | 30  | 25                                     | 15                               | 19  | 98   | LAURAINE ST                                      | T      | 107+76    |            | 27     | 29    | 28      | 27     | 12  |
| SANDY HILLS DR  |  | 115+32   |                | 35  | 22                                     | 28                               | 32  | 129  | E ALAMO ST                                       | T      | 125+14    |            | 60     | 50    | 38      | 42     | 4   |
| LITTLE CEDAR CREEK  |  | 135+64   |                | 28  | 23                                     | 20                               | 22  | 93   | OLD CHAPPEL HILL RD                              | T      | 125+14    |            | 60     | 37    | 36      | 36     | 30  |
| RIVERSIDE PLANTATION  |  | 173+76   |                | 75  | 19                                     | 0                                | 12  | 162  | FACTORY ST                                       | T T    | 128+15    |            | 45     | 21    | 77      | 30     | 26  |
| RIVERSIDE PLANTATION  | T  | 177+20   |                | 50  | 17                                     | 5                                | 0   | 96   | SPRING RD  | T      | 133+16    |            | 40     | 20    | 28      | 58     | 18  |
| MEADOW CREEK LN   |  | 212+41   |                | 40  | 23                                     | 20                               | 22  | 124  | RRX  | s      | 136+65    | 136+75     |        |       |         |        |     |
| CEMENT BRIDGE   | S  | 245+84   | 248+64         |   |  |                                  |   |  | BUCHANAN ST                                      | I      | 144+62    | 100 10     | 35     | 34    | 16      | 19     | 14  |
| CEMENT BRIDGE   | S  | 311+73   | 314+48         |   |  |                                  |   |  | PECAN ST   | I      | 144+62    |            | 40     | 37    | 27      | 25     | 19  |
| BRAZOS RIVER RD   | I  | 364+80   |                | 80  | 19                                     | Ø                                | 15  | 175  | LESLIE D LN                                      | I      | 147+47    |            | 41     | 27    | 30      | 26     | 16  |
| PRIVATE DRIVEWAYS (CON  | 1MERCI   | AL @ 9 SY  | /<br>//EA) QUA | NTITY   |  |                                  | 2   | 18   | LONGHOFER ST                                     | Ι      | 157+19    |            | 36     | 27    | 25      | 30     | 14  |
| PRIVATE DRIVEWAYS (RES  | IDENTI   | AL @ 4 S`  | Y/EA) QUA      | NTITY   |  |                                  | 46  | 184  | E TOM GREEN ST                                   | I      | 162+15    |            | 50     | 48    | 31      | 62     | 38  |
| TURNOUTS (TY I @ 28 SY  | /EA) QU  | ANTITY   |                |   |  |                                  | 30  | 840  | E TOM GREEN ST                                   | I      | 162+15    |            | 56     | 39    | 48      | 25     | 31  |
| TURNOUTS (TY II @ 31 SY   | /EA) QL  | JANTITY  |                |   |  |                                  | 6   | 186  | NIEBUHR ST                                       | Ι      | 177+09    |            | 66     | 35    | 34      | 57     | 36  |
|   | -  |  |                |   |  |                                  | TOTALS  | 6 2,645  | E STONE ST                                       | Ι      | 187+02    |            | 97     | 37    | 38      | 55     | 50  |
|   |  |  |                |   |  |                                  |   | المستغير   | E STONE ST                                       | Ι      | 187+02    |            | 64     | 58    | 40      | 27     | 46  |
| LOCATION NUMBER   | 56   |  |                |   |  | HIGHWAY                          | FM  | 1155   | CONCRETE BRIDGE                                  | S      | 193+78    | 194+94     |        |       |         |        |     |
|   |  |  |                |   |  |                                  |   |  | GUN AND ROD RD                                   | Ι      | 205+71    |            | 39     | 34    | 32      | 43     | 21  |
|   |  | STAT   | TIONS          | LENGTH  | WIDTH                                  | RAL                              | DIUS  | AREA   | MUSTANG RD                                       | Ι      | 205+71    |            | 63     | 26    | 49      | 41     | 28  |
| DESCRIPTION   | TYPE   |  |                |   |  | LT                               | RT  | 1  | RHAPSODY   | I      | 213+15    |            | 28     | 22    | 25      | 25     | 90  |
|   |  | FROM   | TO             | (FT)  | (FT)                                   | (FT)                             | (FT)  | (SY)   | ROSEDALE RD                                      | Ι      | 220+81    |            | 34     | 22    | 20      | 25     | 10  |
| CHAPPELL RESERVE  | 1  | 58+03  |                | 45  | 21                                     | 43                               | 34  | 177  | E CHERI LN                                       | Ι      | 221+55    |            | 33     | 20    | 25      | 28     | 10  |
| HUGHES LAKE RD  | Ι  | 92+24  |                | 35  | 28                                     | 18                               | 27  | 134  | PRIVATE DRIVEWAYS (COM                           | MERCI  | AL @ 9 SY | '/EA) QUAI | NTITY  | 1     | 1       | 28     | 25  |
|   | S  | 106+71   | 108+50         |   |  |                                  |   |  | PRIVATE DRIVEWAYS (RES                           | DENTI  | AL @ 4 S1 | Y/EA) QUA  | NTITY  |       |         | 28     | 11  |
| CONCRETE BRIDGE   | <u> </u>   | 108+98   |                | 40  | 27                                     | 21                               | 28  | 150  | TURNOUTS (TY I @ 28 SY/                          | EA) QL | JANTITY   |            |        |       |         | Ø      | e   |
| CONCRETE BRIDGE<br>COPELYN SPRINGS RD   | I  |  |                | 50  | 22                                     | 29                               | 66  | 247  | TURNOUTS (TY II @ 31 SY/                         | EA) QL | JANTITY   |            |        |       |         | Ø      | e   |
|   | I  | 172+44   |                |   | 22                                     | 34                               | 18  | 129  |  |        |           |            |        |       |         | TOTALS | 9,4 |
| COPELYN SPRINGS RD  | -  | 172+44<br>245+31   |                | 38  | 22                                     |                                  |   | -  |  |        |           |            |        |       |         |        |     |
| COPELYN SPRINGS RD<br>OLD PLANTATION RD   | I  |  |                | 38<br>40  | 25                                     | 26                               | 31  | 151  |  |        |           |            |        |       |         |        |     |
| COPELYN SPRINGS RD<br>OLD PLANTATION RD<br>S MEYERSVILLE RD   | I  | 245+31   |                |   |  | 26<br>22                         | 31<br>50  | 151<br>16Ø   | INTERSECTION (I)                                 |        |           |            |        |       |         |        |     |
| COPELYN SPRINGS RD<br>OLD PLANTATION RD<br>S MEYERSVILLE RD<br>WOODLAND FARMS LN  | I<br>I<br>I  | 245+31<br>26Ø+57   |                | 40  | 25                                     |                                  |   |  | INTERSECTION ( I )<br>RAMP ( R )                 |        |           |            |        |       |         |        |     |
| COPELYN SPRINGS RD<br>OLD PLANTATION RD<br>S MEYERSVILLE RD<br>WOODLAND FARMS LN<br>DAIRY FARM RD   | I<br>I<br>I<br>I   | 245+31<br>260+57<br>261+57   |                | 40<br>38  | 25<br>21                               | 22                               | 50  | 16Ø  |  |        |           |            |        |       |         |        |     |
| COPELYN SPRINGS RD<br>OLD PLANTATION RD<br>S MEYERSVILLE RD<br>WOODLAND FARMS LN<br>DAIRY FARM RD<br>CHAPPELL GROVE LN  |  | 245+31<br>260+57<br>261+57<br>268+75<br>272+03   |                | 40<br>38<br>45                                    | 25<br>21<br>23<br>15                   | 22<br>39                         | 50<br>30<br>37  | 16Ø<br>173<br>126  | RAMP(R)<br>SKIPPED LOCATION(S)                   |        |           |            |        |       |         |        |     |
| COPELYN SPRINGS RD<br>OLD PLANTATION RD<br>S MEYERSVILLE RD<br>WOODLAND FARMS LN<br>DAIRY FARM RD<br>CHAPPELL GROVE LN<br>CHAPPELL HILLS DR<br>VALLEY DR  |  | 245+31<br>260+57<br>261+57<br>268+75<br>272+03<br>308+56   |                | 40<br>38<br>45<br>45                              | 25<br>21<br>23<br>15<br>23             | 22<br>39<br>27<br>20             | 50<br>30<br>37<br>38                                    | 16Ø<br>173<br>126<br>126   | RAMP(R)<br>SKIPPED LOCATION(S)<br>TURN AROUND(T) |        |           |            |        |       |         |        |     |
| COPELYN SPRINGS RD<br>OLD PLANTATION RD<br>S MEYERSVILLE RD<br>WOODLAND FARMS LN<br>DAIRY FARM RD<br>CHAPPELL GROVE LN<br>CHAPPELL HILLS DR<br>VALLEY DR<br>CHAPPELL CREEK LN   |  | 245+31<br>260+57<br>261+57<br>268+75<br>272+03<br>308+56<br>367+54   |                | 40<br>38<br>45<br>45<br>32<br>40                  | 25<br>21<br>23<br>15<br>23<br>26       | 22<br>39<br>27<br>20<br>18       | 50<br>30<br>37<br>38<br>35                              | 16Ø<br>173<br>126<br>126<br>153  | RAMP(R)<br>SKIPPED LOCATION(S)                   |        |           |            |        |       |         |        |     |
| COPELYN SPRINGS RD<br>OLD PLANTATION RD<br>S MEYERSVILLE RD<br>WOODLAND FARMS LN<br>DAIRY FARM RD<br>CHAPPELL GROVE LN<br>CHAPPELL HILLS DR<br>VALLEY DR<br>CHAPPELL CREEK LN<br>FM2447   | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I           | 245+31<br>260+57<br>261+57<br>268+75<br>272+03<br>308+56<br>367+54<br>377+47   |                | 40<br>38<br>45<br>45<br>32<br>40<br>200           | 25<br>21<br>23<br>15<br>23<br>26<br>30 | 22<br>39<br>27<br>20<br>18<br>30 | 50<br>30<br>37<br>38<br>35<br>30                        | 160<br>173<br>126<br>126<br>153<br>710                                   | RAMP(R)<br>SKIPPED LOCATION(S)<br>TURN AROUND(T) |        |           |            |        |       |         |        |     |
| COPELYN SPRINGS RD<br>OLD PLANTATION RD<br>S MEYERSVILLE RD<br>WOODLAND FARMS LN<br>DAIRY FARM RD<br>CHAPPELL GROVE LN<br>CHAPPELL HILLS DR<br>VALLEY DR<br>CHAPPELL CREEK LN<br>FM2447<br>FM2447   | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I | 245+31<br>260+57<br>261+57<br>268+75<br>272+03<br>308+56<br>367+54<br>377+47<br>377+47                                     |                | 40<br>38<br>45<br>32<br>40<br>200<br>200          | 25<br>21<br>23<br>15<br>23<br>26       | 22<br>39<br>27<br>20<br>18       | 50<br>30<br>37<br>38<br>35<br>30<br>30<br>30            | 160<br>173<br>126<br>126<br>153<br>710<br>710                            | RAMP(R)<br>SKIPPED LOCATION(S)<br>TURN AROUND(T) |        |           |            |        |       |         |        |     |
| COPELYN SPRINGS RD<br>OLD PLANTATION RD<br>S MEYERSVILLE RD<br>WOODLAND FARMS LN<br>DAIRY FARM RD<br>CHAPPELL GROVE LN<br>CHAPPELL HILLS DR<br>VALLEY DR<br>CHAPPELL CREEK LN<br>FM2447<br>FM2447<br>PRIVATE DRIVEWAYS (CON   | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>MMERCIA          | 245+31<br>260+57<br>261+57<br>272+03<br>308+56<br>367+54<br>377+47<br>377+47<br>2 @ 9 SY                                   | /EA) QUA       | 40<br>38<br>45<br>32<br>40<br>200<br>200<br>NTITY | 25<br>21<br>23<br>15<br>23<br>26<br>30 | 22<br>39<br>27<br>20<br>18<br>30 | 50<br>30<br>37<br>38<br>35<br>30<br>30<br>2             | 160<br>173<br>126<br>126<br>153<br>710<br>710<br>18                      | RAMP(R)<br>SKIPPED LOCATION(S)<br>TURN AROUND(T) |        |           |            |        |       |         |        |     |
| COPELYN SPRINGS RD<br>OLD PLANTATION RD<br>S MEYERSVILLE RD<br>WOODLAND FARMS LN<br>DAIRY FARM RD<br>CHAPPELL GROVE LN<br>CHAPPELL HILLS DR<br>VALLEY DR<br>CHAPPELL CREEK LN<br>FM2447<br>FM2447<br>PRIVATE DRIVEWAYS (CON<br>PRIVATE DRIVEWAYS (RES                           | I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>MMERCIA                    | 245+31<br>260+57<br>261+57<br>272+03<br>308+56<br>367+54<br>377+47<br>377+47<br>377+47<br>AL @ 9 SY                        | /EA) QUA       | 40<br>38<br>45<br>32<br>40<br>200<br>200<br>NTITY | 25<br>21<br>23<br>15<br>23<br>26<br>30 | 22<br>39<br>27<br>20<br>18<br>30 | 50<br>30<br>37<br>38<br>35<br>30<br>30<br>2<br>49       | 160<br>173<br>126<br>153<br>710<br>710<br>18<br>196                      | RAMP(R)<br>SKIPPED LOCATION(S)<br>TURN AROUND(T) |        |           |            |        |       |         |        |     |
| COPELYN SPRINGS RD<br>OLD PLANTATION RD<br>S MEYERSVILLE RD<br>WOODLAND FARMS LN<br>DAIRY FARM RD<br>CHAPPELL GROVE LN<br>CHAPPELL HILLS DR<br>VALLEY DR<br>CHAPPELL CREEK LN<br>FM2447<br>FM2447<br>PRIVATE DRIVEWAYS (CON<br>PRIVATE DRIVEWAYS (RES<br>TURNOUTS (TY I @ 28 SY | I<br>I<br>I<br>I<br>I<br>I<br>I<br>MMERCIA<br>SIDENTI<br>(EA) QU   | 245+31<br>260+57<br>261+57<br>272+03<br>308+56<br>367+54<br>377+47<br>377+47<br>377+47<br>3L @ 9 SY<br>AL @ 4 S`<br>ANTITY | /EA) QUA       | 40<br>38<br>45<br>32<br>40<br>200<br>200<br>NTITY | 25<br>21<br>23<br>15<br>23<br>26<br>30 | 22<br>39<br>27<br>20<br>18<br>30 | 50<br>30<br>37<br>38<br>35<br>30<br>30<br>2<br>49<br>16 | 160<br>173<br>126<br>153<br>710<br>710<br>18<br>196<br>448               | RAMP(R)<br>SKIPPED LOCATION(S)<br>TURN AROUND(T) |        |           |            |        |       |         |        |     |
| COPELYN SPRINGS RD<br>OLD PLANTATION RD<br>S MEYERSVILLE RD<br>WOODLAND FARMS LN<br>DAIRY FARM RD<br>CHAPPELL GROVE LN<br>CHAPPELL HILLS DR<br>VALLEY DR<br>CHAPPELL CREEK LN<br>FM2447<br>FM2447<br>PRIVATE DRIVEWAYS (CON<br>PRIVATE DRIVEWAYS (RES                           | I<br>I<br>I<br>I<br>I<br>I<br>I<br>MMERCIA<br>SIDENTI<br>(EA) QU   | 245+31<br>260+57<br>261+57<br>272+03<br>308+56<br>367+54<br>377+47<br>377+47<br>377+47<br>3L @ 9 SY<br>AL @ 4 S`<br>ANTITY | /EA) QUA       | 40<br>38<br>45<br>32<br>40<br>200<br>200<br>NTITY | 25<br>21<br>23<br>15<br>23<br>26<br>30 | 22<br>39<br>27<br>20<br>18<br>30 | 50<br>30<br>37<br>38<br>35<br>30<br>30<br>2<br>49       | 160<br>173<br>126<br>126<br>153<br>710<br>710<br>18<br>196<br>448<br>372 | RAMP(R)<br>SKIPPED LOCATION(S)<br>TURN AROUND(T) |        |           |            |        |       |         |        |     |

6.27 11.02

|  |          |               | PRINT DATE | REVISION DATE |  |  |  |  |
|--|----------|---------------|------------|---------------|--|--|--|--|
|  |          |               | \$DATE\$   |               |  |  |  |  |
| Texas Department<br>of Transportation<br>Bryan District<br>INTERSECTIONS, RAMPS<br>DRIVEWAYS, TURNOUTS,<br>AND SKIPPED LOCATIONS |          |               |            |               |  |  |  |  |
|  | SHEE     | T 07 OF 10 SH | EETS       |               |  |  |  |  |
| FED. RD.<br>DIV. NO.   | PROJECT  | NUMBER        | HIGHWAY    | NUMBER        |  |  |  |  |
| 6  |          |               |            |               |  |  |  |  |
| STATE  | DISTRICT |               | COUNTY     |               |  |  |  |  |
| TEXAS  | BRY      | GRIMES, ETC.  |            |               |  |  |  |  |
| CONTROL  | SECTION  | JC            | SHEET NO.  |               |  |  |  |  |
| 0050   | 11       | 023, ETC. 31  |            |               |  |  |  |  |

| During the planning phase of project development the following environmental permits, issues and commitments have been developed during coordination with resource    | III. CULT <u>URAL RESOURCES</u>   | VI. HAZARDOUS MATERIALS OR   |
|---|---|--|
| agencies, local governmental entities and the general public. Any change orders and/or deviations from the final design must be reported to the Engineer prior to the | Refer to 2014 TxDOT Standard Specification Item 7.7.1 Cultural Resources,   | General (applies to all projects):<br>Comply with the Hazard Communic  |
| commencement of construction activities. As additional environmental clearances<br>may be required.   | in the event historical issues or archeological artifacts are found during construction. Upon discovery of archeological artifacts  | hazardous materials by conducting<br>making workers aware of potentia  |
| I. STORMWATER POLLUTION PREVENTION-CLEAN WATER ACT SECTION 402  | (bones, burnt rock, flint, pottery, etc.) immediately cease work in the vicinity and contact the Engineer.  | provided with personal protective  |
| TPDES TXR 150000: Stormwater Discharge Permit or Construction General Permit  | Required Action No Action Required  | Obtain and keep on-site MaterialS<br>used on the project, which may in   |
| required for projects with 1 or more acres disturbed soil. Projects with any disturbed soil must protect for erosion and sedimentation in accordance with Item 506.   |   | Paints, acids, solvents, asphalt proc<br>compounds or additives. Provide p<br>products which may be hazardous<br>Maintain an adequate supply of on |
| Required Action No Action Required  |   | In the event of a spill, take action<br>in accordance with safe work pra<br>Contractor shallbe responsiblefor                                      |
|   | IV. VEGETATION RESOURCES  | spills.  |
|   | Preserve native vegetation to the extent practical.   | Contact the Engineer if any of the   |
|   | Required Action No Action Required  | <ul> <li>Dead or distressed vegetati</li> <li>Trash piles, drums, canister,</li> <li>Undesirable smells or odors</li> </ul>                        |
|   | Action No.  | <ul> <li>Evidence of leaching or seep</li> </ul>   |
|   | 1. Tree removalto be done in accordance<br>with the Migratory Bird Treaty Act (see Section V)   | Does the project involve any brid<br>replacements (bridge class structu  |
|   | Refer to 2014 TxDOT Standard Specification Items:   | Yes No   |
|   | 160 Topsoil     730 Roadside Mowing       161 Compost     751 Landscape Maintenance   | If "No", then no further action is<br>If "Yes", then TxDOT is responsibl   |
|   | 162 Sodding for Erosion Control 752 Tree and Brush Removal  | Are the results of the asbestos in   |
|   | 164 Seeding for Erosion Control<br>166 Fertilizer   | 🗌 Yes 🛛 No   |
|   | 168 Vegetative Watering<br>169 SoilRetention Blankets   | If "Yes", then TxDOT must retain   |
|   | 170 Irrigation System   | the notification, develop abatement<br>activities as necessary. The notifi   |
| Refer to 2014 TxDOT Standard Specification Items:   | 180 Wildflower Seeding<br>192 Landscape Planting  | 15 working days prior to schedule  |
| 7.7.2 Texas Pollutant Discharge Elimination System (TPDES) Permits and<br>Storm Water Pollution Prevention PLans (SWP3)   | 193 Landscape Establishment<br>506 Temporary Erosion, Sedimentation,<br>and Environmental Controls  | If "No", then TxDOT is still require scheduled demolition.   |
| 506 Temporary Erosion, Sedimentation and Environmental Controls<br>734 Litter Removal   |   | In either case, the Contractor is r  |
| 735 Debris Removal<br>738 Cleaning and Sweeping Highways  | V. FEDERAL LISTED, PROPOSED THREATENED, ENDANGERED SPECIES,<br>CRITICAL HABITAT, STATE LISTED SPECIES, CANDIDATE SPECIES<br>AND MIGRATORY BIRDS.  | activities and/or demolition with co<br>asbestos consultant in order to m<br>Any other evidence indicating pos                                     |
| II. WORK IN OR NEAR STREAMS, WATER BODIES AND WETLANDS CLEAN WATER  |   | on site. Hazardous Materials or  |
| ACT SECTIONS 401 AND 404<br>USACE Permit required for filling, dredging, excavating or other work in any  | Required Action No Action Required  | Required Action Action No.   |
| water bodies, rivers, creeks, streams, wetlands or wet areas.   | Action No.  | 1. The Clean Water Act, in po<br>a waterway, as defined by   |
| The Contractor must adhere to all of the terms and conditions associated with the following permit(s):  | 1. Do not kill snakes or other animals!   | standards or causes a film<br>and local authorities.<br>Contact the Bryan District   |
| 🕅 No Permit Required  | 2. Do not destroy nests on structures within the project limits.  | ,  |
| Nationwide Permit 14 - PCN not Required (less than 1/10th acre waters or  | Temporarily prevent the building of nests on any structures that require work within the project limits during the construction timeframe.  | If potentially hazardous r<br>groudwater, surface water,<br>encountered during constru   |
| wetlands affected)  | This can be accomplished by application of bird repellant gel, netting, or removal by hand every 3-4 days.  | contact the Engineer.<br>Refer to 2014 TxDDT Stando  |
| Individual 404 Permit Required  | The nesting/breeding season for migratory birds is March 1 - September 1.   | 6.10 Hazardous Materials<br>7.12 Responsibility for Ha   |
| Other Nationwide Permit Required: NWP•  | Under the Migratory Bird Treaty Act (MBTA), it is unlawful by any means or monner,<br>to pursue, hunt, take, capture, [or] kill any migratory birds except as permitted by  | VII. OTHER ENVIRONMENTAL ISSU  |
|   | regulation (16 U.S.C. 703-704). Neither the statute nor its implementing regulations<br>(Title 50, Code of Federal Regulations, Parts 10, 13, 21) exempt unintentional take<br>of migratory birds. The unauthorized take (e.g. killing, capturing, or collecting) of<br>migratory birds is a strict liability criminal offense that does not require knowledge<br>or specific intent on the part of the offender. Even when engaged in an otherwise | Required Action  |
|   | lawful activity for which the intent is not the killing of migratory birds, a violation may be committed.   | Refer to 2014 TxDOT Standard Sp<br>7.7.6 Project Specific Location:<br>751 Landscape Maintenance   |
|   | <ol> <li>If caves or sinkholes are discovered, cease work in the immediate area to verify the<br/>presence or absence of wildlife.</li> </ol>   |  |
|   | 4. BMPs for T and E species will be discussed at the preconstruction meeting.   | Contacts:<br>Mr. John D. Moravec   |
| Information regarding the USACE Nationwide Permit Program can be found at:<br>http://www.swf.usace.army.mil/Missions/Regulatory/Permitting/GeneralPermits.aspx        | The Bryan District Environmental Section can be contacted at (979) 778–9766 to assist with the removal of wildlife that will not leave on their own with gentle persuasion.   | Environmental Coordinator<br>Texas Department of Transportation<br>Bryan District<br>2591 N. For Rudder Freeway                                    |
| Refer to 2014 TxDOT Standard Specification Items:<br>7.7.3 Work in Waters of the United States<br>7.7.6 Project Specific Locations<br>496 Removing Structures         | Refer to 2014 TxDOT Standard Specification Item<br>7.7.6 Project Specific Locations   | 2591 N. Earl Rudder Freeway<br>Bryan, TX 77803<br>Phone: (979) 778-9766<br>Fax: (979) 778-9702   |
| 506 Temporary Erosion, Sedimentation and Environmental Controls 506.4.3.4 Restricted Activities and Required Precautions  |   | e-mail: John.Moravec@txdot.gov   |

## CONTAMINATION ISSUES

cation Act (the Act) for personnel who will be working with g safety meetings prior to beginning construction and I hazards in the workplace. Ensure that all workers are equipment appropiate for any hazardous materials used. Safety Data Sheets (MSDS) for all hazardous products nclude, but are not limited to the following categories ducts, chemical additives, fuels and concrete curing protected storage, off bare ground and covered, for . Maintain product labelling as required by the Act. n-site spillresponse materials, as indicated in the MSDS. ns to mitigate the spill as indicated in the MSDS, actices, and contact the Engineerimmediately. The the proper containment and cleanup of all product

follwing are detected: ion (not identified as normal) barrels, etc.

page of substances

dge class structure rehabilitation or tures not including box culverts)?

required.

ble for completing asbestos assessment/inspection.

inspection positive (is asbestos present)?

a DSHS licensed asbestos consultant to assist with t/mitigation procedures, and perform management fication form to DSHS must be postmarked at least ed demolition.

ed to notifiy DSHS 15 working days prior to any

responsible for providing the date(s) for abatement careful coordination between the Engineer and ninimize construction delays and subsequent claims.

ssible hazardous materials or contamination discoverd Contamination Issues Specific to this Project: 🗌 No Action Required

art, requires that any spill of oil that could enter the Act, and that violates applicable water quality m or sheen on water require reporting to the TCEQ

Environmental Section at 979-778-9766.

material and/or contaminated media (i.e. soil, sediment, building materials) are unexpectedly uction, immediately cease work in the vicinity and

ard Specification Items: Hazardous Materials

#### JES

No Action Required

ecification Items:

Texas Department of Transportation ©2024 Bryan District

RINT DATE

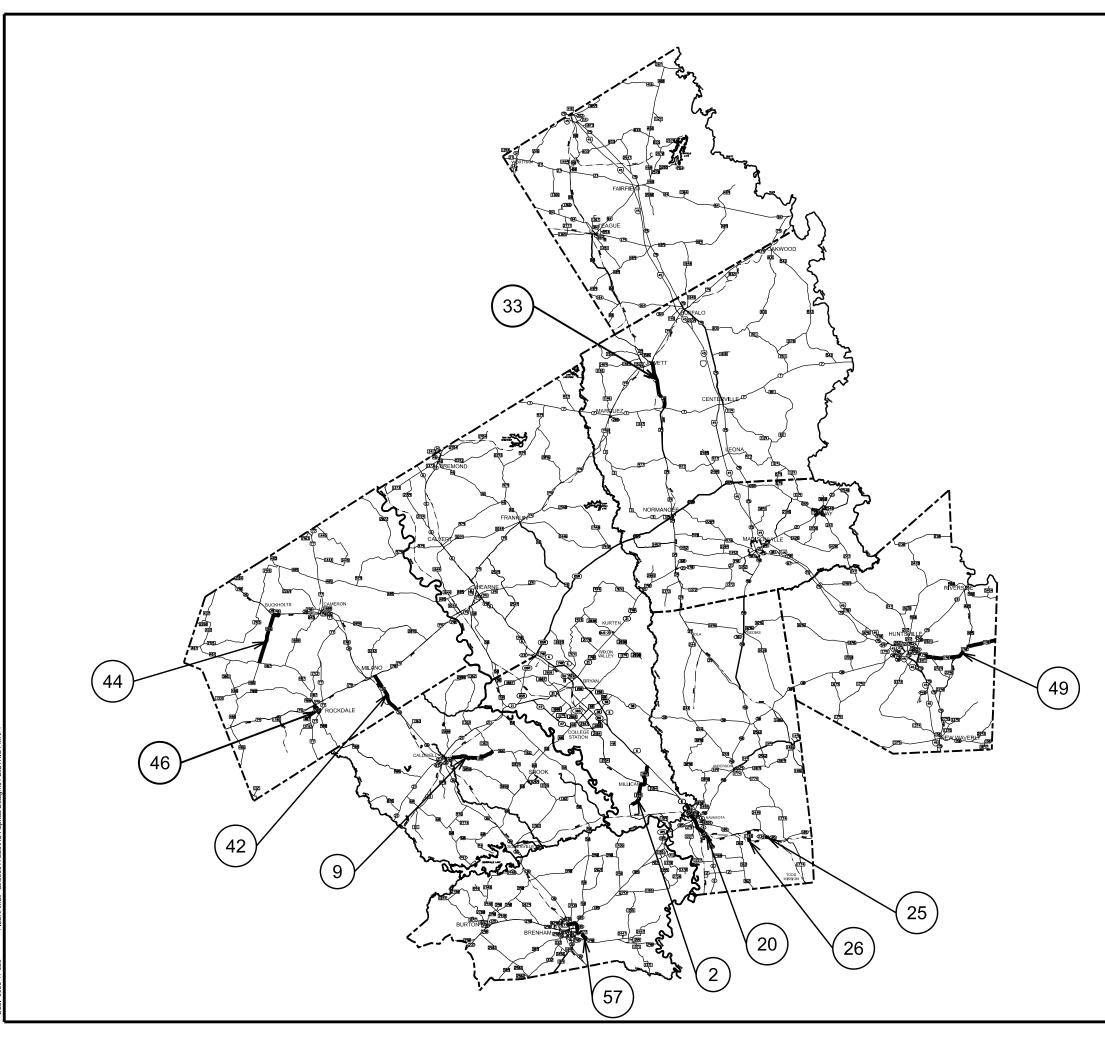
\$DATE\$

REVISION D.

02/12/2015

## ENVIRONMENTAL PERMITS, ISSUES AND COMMITMENTS (EPIC)

| FED. RD.<br>DIV. NO. | PROJECT  | NUMBER       | HIGHWAY NUMBER |  |  |  |  |  |
|----------------------|----------|--------------|----------------|--|--|--|--|--|
| 6                    | F 202    | 5(135)       | BS 6S, ETC.    |  |  |  |  |  |
| STATE                | DISTRICT | COUNTY       |                |  |  |  |  |  |
| TEXAS                | BRY      | GRIMES, ETC. |                |  |  |  |  |  |
| CONTROL              | SECTION  | JC           | SHEET NO.      |  |  |  |  |  |
| 0050                 | 11       | 023, ETC. 32 |                |  |  |  |  |  |



V DATE: 6-27-2024 1. 0056-11-073 EII ENAME: G-10060111023\\AC-Assissed Desirin\\01 DISTRICT MAP

|   |  |                                | PRINT DATE | REVISION DATE |  |  |  |  |  |
|---|--|--------------------------------|------------|---------------|--|--|--|--|--|
| <u> </u>  |  |                                | \$DATE\$   |               |  |  |  |  |  |
| Texas Department<br>of Transportation<br>Bryan District     |  |                                |            |               |  |  |  |  |  |
| RAILROAD CROSSING<br>PROJECT LOCATION MAP<br>BRYAN DISTRICT |  |                                |            |               |  |  |  |  |  |
| FED. RD.<br>DIV. NO.  | FED. RD. PROJECT NUMBER HIGHWAY NUMBER |                                |            |               |  |  |  |  |  |
| 6   | F 202                                  | <sup>25(135)</sup> BS 6S, ETC. |            |               |  |  |  |  |  |
| STATE   | DISTRICT                               | COUNTY                         |            |               |  |  |  |  |  |
| TEXAS   | BRY                                    | GRIMES, ETC.                   |            |               |  |  |  |  |  |
| CONTROL   | SECTION                                | JOB SHEET NO.                  |            |               |  |  |  |  |  |
| 0050  | 11                                     | 023 ETC 33                     |            |               |  |  |  |  |  |

 $\mathbf{N}$ 

#### L. WORK AT CROSSING LOCATIONS (AT GRADE, HIGHWAY OVERPASS, HIGHWAY UNDERPASS, PEDESTRIAN, OR CLOSED/ABANDONED)

| This project is adjacent or parallel work, not within RR ROW: |
|---|
| DOT No.: SEE LOCATION CHART                                   |
| Crossing Type: SEE LOCATION CHART                             |
| RR Company Operating Track at Crossing: BNSF RAILWAY          |
| RR Company Owning Track at Crossing: BNSF RAILWAY             |
| RR MP: SEE LOCATION CHART                                     |
| RR Subdivision: SEE LOCATION CHART                            |
| City: SEE LOCATION CHART                                      |
| County: SEE LOCATION CHART                                    |
| CSJ at this Crossing: SEE LOCATION CHART                      |
| Latitude:   |
| Longitude:  |

Scope of Work, including any TCP, to be performed by State Contractor:

Seal Coat existing pavement to the edge of concrete planking with the following standard sheets. BC(1)-21 THRU BC (12)-21, FPM(1)-22 THRU FPM(3)-22, PM(1)-22 THRU PM(3)-22 & PM(4)-22A, RCD(1)-22 THRU RCD(2)-22, RS(5)-23, TCP(SC-1)-22 THRU TCP(SC-8)-22, TCP(3-1)-13, TCP(3-2)-13, TCP(3-3)-14, WZ(RS)-22

Scope of Work to be performed by Railroad Company:

N/A

#### II. FLAGGING & INSPECTION

No. of Days of Railroad Flagging Expected: 4(ONE DAY PER DOT)

On this project, night or weekend flagging is:

Expected

Not Expected

Flagging services will be provided by:

□ Railroad Company: 1) TxDOT will pay flagging invoices. Flagging Agreement with railroad will be needed or, 2) Permitted crossing. Railroad company to provide flagging.

☑ Outside Party: Contractor will pay flagging invoices to be reimbursed by TxDOT

Contractor must incorporate flaggers into anticipated construction schedule. The Railroad requires a 30-day notice if their flaggers are to be utilized. If Contractor falls behind schedule due to their own negligence and is not ready for scheduled flaggers, any flagging charges will be paid by Contractor.

Contact Information for Flagging:

| UP.info@railpros.com<br>Call Center 877-315-0513, Select #1 for flagging |
|--|
| UP.request@nrssinc.net   |
| Call Center 877-984-6777   |

✓ BNSF BNSFinfo@railpros.com Call Center 877-315-0513, Select #1 for flagging

CPKCR KCS.info@railpros.com Call Center 877-315-0513, Select #1 for flagging Bottom Line On-Track Safety Services bottomline076@aol.com, 903-767-7630

OTHERS:

#### Contractor must incorporate railroad construction inspection into anticipated construction schedule.

☑ Not Required

□ Required. Contact Information for Construction Inspection:

#### III. CONSTRUCTION WORK TO BE PERFORMED BY THE RAILROAD

| Required. |  |
|-----------|--|
| Required. |  |

Not Required

Railroad Point of Contact:

Coordinate with TxDOT for any work to be performed by the Railroad Company. TxDOT must issue a work order for any work done by the Railroad Company prior to the work being performed.

#### IV. RAILROAD INSURANCE REQUIREMENTS

The Contractor shall confirm the insurance requirements with the Railroad as the insurance limits are subject to change without notice.

Insurance policies and corresponding certificates of insurance must be issued by the contractor on behalf of the Railroad. Separate insurance policies and certificates are required when more than one Railroad Company is operating on the same right of way, or when several Railroad Companies are involved and operate on their own separate right of ways.

No direct compensation will be made to the Contractor for providing the insurance coverages shown below or any deductibles. These costs are incidental to the various bid items.

| Escalated Limits             |                                   |  |  |  |  |
|------------------------------|-----------------------------------|--|--|--|--|
| Type of Insurance            | Amount of Coverage (Minimum)      |  |  |  |  |
| Workers Compensation         | \$500,000 / \$500,000 / \$500,000 |  |  |  |  |
| Commercial General Liability | \$2,000,000 / \$4,000,000         |  |  |  |  |
| Business Automobile          | \$2,000,000                       |  |  |  |  |
|                              |                                   |  |  |  |  |

#### **Railroad Protective Liability Limits**

- Not Required
- \$2,000,000 / \$6,000,000 ☑ Non - Bridge/Typical Maintenance Projects. Includes repairs to overpass/underpass and culvert structures \$5,000,000 / \$10,000,000
- □ Bridge Structure Projects. Includes new construction or replacement of overpass/ underpass structures

Other:

RRD

□ Not Required

BNSF:

https://bnsf.railpermitting.com 

https://jllrpg.360works.com/fmi/webd/rpo\_web\_kcs.fmp12

Other Railroads:

To view previously approved CROE templates agreed upon between the State and Railroad, see: https://www.txdot.gov/business/resources/railroad-highway-crossing/sample-right-of-entryagreements.html

Approved CROE templates are not to be modified by the Contractor.

Contractor shall not operate within Railroad Right of Way without an executed Construction & Maintenance Agreement between the State and the Railroad and an executed CROE between the Contractor and the Railroad if required on project.

UPRR, BNSF, CPKCR will not accept on-track safety training certificates from other Railroads. Refer to each Railroad's specific contractor right of entry for training information.

Know and follow the Contractor's Right of Entry Agreement EXHIBIT D, MINIMUM SAFETY REQUIREMENTS regarding clothing, personal protective equipment, and general safety requirements.

**VIII. SUBCONTRACTORS** 

In Case of R Call: BNSF F Railroad Em

RR Milepost: See Railroad Crossing Location Information table Subdivision: See Railroad Crossing Location Information table

Initial Date:

## V. CONTRACTOR'S RIGHT OF ENTRY (CROE)

□ Required: UPRR Maintenance Consent Letter. TxDOT to assist

□ Required: TxDOT to assist in obtaining the UPRR CROE

Required: Contractor to obtain

## VI. RAILROAD COORDINATION MEETING

A Railroad Coordination Meeting is required. See item 5, Article 8.1, of the Standard Specifications for Construction and Maintenance of Highways, Streets and Bridges Manual for more details.

### VII. RAILROAD SAFETY ORIENTATION

A. Complete the Railroad's course "Orientation for Contractor's Safety," and maintain registration prior to working on the Railroad's property. This course is required to be completed annually by Contractor and Subcontractor personnel working on site.

Contractor shall not subcontract work without written consent of TxDOT. Subcontractors are subject to the same insurance requirements as the Prime Contractor

## IX. EMERGENCY NOTIFICATION

| Railroad Emergency                    |   |
|---------------------------------------|---|
| RAILWAY                               |   |
| ergency Line at: <u>800-832-545</u> 2 | 2 |
| - Soo Doilrood Crossing Logatic       |   |

Location: DOT See Railroad Crossing Location Information table

| Review Only<br>s: KS |  |
|----------------------|--|
| 7-17-24              |  |
|                      |  |

Texas Department of Transportation

Rail Division

## **RAILROAD SCOPE OF WORK** PROJECT SPECIFIC DETAILS

| FILE: rr-scope-of-work.pdf |           | dn: Tx | DOT  | СК:       | DW: |       | CI        | <b>K</b> : |  |
|----------------------------|-----------|--------|------|-----------|-----|-------|-----------|------------|--|
| © TxDOT                    | June 2014 | CONT   | SECT | JOB       |     | HIGHV |           | IIGHWAY    |  |
| 0/0004                     | REVISIONS | 0050   | 11   | 023, ETC  |     | BS    | 6S,       | ETC.       |  |
| 6/2024                     |           | DIST   |      | COUNTY    |     |       | SHEET NO. |            |  |
|                            |           | BRY    |      | GRIMES, F | TC. |       |           | 34         |  |

|            | BNSF RAILROAD CROSSING LOCATIONS |             |           |                          |                      |                            |              |                       |                         |   |  |                             |               |                                   |
|------------|----------------------------------|-------------|-----------|--------------------------|----------------------|----------------------------|--------------|-----------------------|-------------------------|---|--|-----------------------------|---------------|-----------------------------------|
| Location # | County                           | CSJ         | RRX DOT # | Highway Type &<br>Number | Crossing<br>Position | Primary Operating Railroad | RR Mile Post | <b>RR Subdivision</b> | City or<br>Municipality | # of<br>Regularly<br>Scheduled<br>Trains per<br>Day | # of Switching<br>Movements<br>per Day | Speed of<br>Trains<br>(mph) | ADT (YR, VPD) | Posted<br>Speed<br>Limit<br>(mph) |
| 20         | Grimes                           | 0050-11-023 | 024292S   | BS 6                     | At Grade             | BNSF Railroad              | 28.98        | Conroe                | Navasota                | 10  | 0                                      | 49                          | 2022, 3915    | 55                                |
| 26         | Grimes                           | 1517-01-012 | 024305R   | FM 1748                  | At Grade             | BNSF Railroad              | 37.81        | Conroe                | Navasota                | 4   | 0                                      | 30                          | 2022, 570     | 55                                |
| 44         | Milam                            | 0337-05-051 | 022934W   | FM 486                   | At Grade             | BNSF Railroad              | 194.02       | Galveston             | Cameron                 | 16  | 0                                      | 55                          | 2022, 799     | 55                                |
| 57         | Washington                       | 2447-01-034 | 022854D   | FM 577                   | At Grade             | BNSF Railroad              | 126.763      | Galveston             | Brenham                 | 10  | 0                                      | 55                          | 2022, 7624    | 45                                |

|   |                 |                         | PRINT DATE | REVISION DATE |  |  |  |  |  |  |
|---|-----------------|-------------------------|------------|---------------|--|--|--|--|--|--|
|   |                 |                         | \$DATE\$   |               |  |  |  |  |  |  |
| Texas Department<br>of Transportation<br>Bryan District |                 |                         |            |               |  |  |  |  |  |  |
| BNSF RAILROAD<br>CROSSING LOCATION<br>INFORMATION TABLE |                 |                         |            |               |  |  |  |  |  |  |
| FED. RD.<br>DIV. NO.                                    | PROJECT         | T NUMBER HIGHWAY NUMBER |            |               |  |  |  |  |  |  |
| 6   | F 202           | 25(135) BS 6S           |            |               |  |  |  |  |  |  |
| STATE   | DISTRICT COUNTY |                         |            |               |  |  |  |  |  |  |
| TEXAS   | BRY             | GRIMES, ETC.            |            |               |  |  |  |  |  |  |
| CONTROL   | SECTION         | JC                      | 08         | SHEET NO.     |  |  |  |  |  |  |
| 0050  | 11              | 02                      | 23         | 35            |  |  |  |  |  |  |

#### L. WORK AT CROSSING LOCATIONS (AT GRADE, HIGHWAY OVERPASS, HIGHWAY UNDERPASS, PEDESTRIAN, OR CLOSED/ABANDONED)

□ This project is adjacent or parallel work, not within RR ROW: DOT NO .: SEE LOCATION CHART Crossing Type: SEE LOCATION CHART RR Company Operating Track at Crossing: <u>UNION PACIFIC RAILROAD</u> RR Company Owning Track at Crossing: UNION PACIFIC RAILROAD RR MP: SEE LOCATION CHART RR Subdivision: SEE LOCATION CHART City: SEE LOCATION CHART County: SEE LOCATION CHART CSJ at this Crossing: SEE LOCATION CHART Latitude:

Longitude:

Scope of Work, including any TCP, to be performed by State Contractor:

Seal Coat existing pavement to the edge of concrete planking with the following standard sheets. BC(1)-21 THRU BC (12)-21, FPM(1)-22 THRU FPM(3)-22, PM(1)-22 THRU PM(3)-22 & PM(4)-22A, RCD(1)-22 THRU RCD(2)-22, RS(5)-23, TCP(SC-1)-22 THRU TCP(SC-8)-22, TCP(3-1)-13, TCP(3-2)-13, TCP(3-3)-14, WZ(RS)-22

Scope of Work to be performed by Railroad Company:

N/A

#### II. FLAGGING & INSPECTION

No. of Days of Railroad Flagging Expected: 14(ONE DAY PER DOT)

On this project, night or weekend flagging is:

Expected

Not Expected

Flagging services will be provided by:

□ Railroad Company: 1) TxDOT will pay flagging invoices. Flagging Agreement with railroad will be needed or, 2) Permitted crossing. Railroad company to provide flagging.

☑ Outside Party: Contractor will pay flagging invoices to be reimbursed by TxDOT

Contractor must incorporate flaggers into anticipated construction schedule. The Railroad requires a 30-day notice if their flaggers are to be utilized. If Contractor falls behind schedule due to their own negligence and is not ready for scheduled flaggers, any flagging charges will be paid by Contractor.

Contact Information for Flagging:

| UP.info@railpros.com                             |
|--|
| Call Center 877-315-0513, Select #1 for flagging |
| UP.request@nrssinc.net                           |
| Call Center 877-984-6777                         |

✓ BNSF BNSFinfo@railpros.com Call Center 877-315-0513, Select #1 for flagging

CPKCR KCS.info@railpros.com Call Center 877-315-0513, Select #1 for flagging Bottom Line On-Track Safety Services bottomline076@aol.com, 903-767-7630

OTHERS:

#### Contractor must incorporate railroad construction inspection into anticipated construction schedule.

☑ Not Required

□ Required. Contact Information for Construction Inspection:

#### III. CONSTRUCTION WORK TO BE PERFORMED BY THE RAILROAD

| Reauired. |  |
|-----------|--|
| Regulieu. |  |

☑ Not Required

Railroad Point of Contact:

Coordinate with TxDOT for any work to be performed by the Railroad Company. TxDOT must issue a work order for any work done by the Railroad Company prior to the work being performed.

#### IV. RAILROAD INSURANCE REQUIREMENTS

The Contractor shall confirm the insurance requirements with the Railroad as the insurance limits are subject to change without notice.

Insurance policies and corresponding certificates of insurance must be issued by the contractor on behalf of the Railroad. Separate insurance policies and certificates are required when more than one Railroad Company is operating on the same right of way, or when several Railroad Companies are involved and operate on their own separate right of ways.

No direct compensation will be made to the Contractor for providing the insurance coverages shown below or any deductibles. These costs are incidental to the various bid items.

| Escalated Limits             |                                   |  |  |  |  |
|------------------------------|-----------------------------------|--|--|--|--|
| Type of Insurance            | Amount of Coverage (Minimum)      |  |  |  |  |
| Workers Compensation         | \$500,000 / \$500,000 / \$500,000 |  |  |  |  |
| Commercial General Liability | \$2,000,000 / \$4,000,000         |  |  |  |  |
| Business Automobile          | \$2,000,000                       |  |  |  |  |
|                              |                                   |  |  |  |  |

#### **Railroad Protective Liability Limits**

- Not Required
- \$2,000,000 / \$6,000,000 ☑ Non - Bridge/Typical Maintenance Projects. Includes repairs to overpass/underpass and culvert structures \$5,000,000 / \$10,000,000
- construction or replacement of overpass/ underpass structures

Location: DO **RR** Milepost Subdivision:

> **RRD** Review Initials: Date: 7-17-

# e whatso its use. TXDOT ą No lard to by the **DISCLAIMER:** The use of this standard i: TxDOT assumes no respor

□ Not Required

Required: Contractor to obtain

BNSF:

https://jllrpg.360works.com/fmi/webd/rpo\_web\_kcs.fmp12 Other Railroads:

To view previously approved CROE templates agreed upon between the State and Railroad, see: https://www.txdot.gov/business/resources/railroad-highway-crossing/sample-right-of-entryagreements.html

Approved CROE templates are not to be modified by the Contractor.

Contractor shall not operate within Railroad Right of Way without an executed Construction & Maintenance Agreement between the State and the Railroad and an executed CROE between the Contractor and the Railroad if required on project.

UPRR, BNSF, CPKCR will not accept on-track safety training certificates from other Railroads. Refer to each Railroad's specific contractor right of entry for training information.

Know and follow the Contractor's Right of Entry Agreement EXHIBIT D, MINIMUM SAFETY REQUIREMENTS regarding clothing, personal protective equipment, and general safety requirements.

**VIII. SUBCONTRACTORS** 

Contractor shall not subcontract work without written consent of TxDOT. Subcontractors are subject to the same insurance requirements as the Prime Contractor

□ Bridge Structure Projects. Includes new

Other:

## V. CONTRACTOR'S RIGHT OF ENTRY (CROE)

□ Required: UPRR Maintenance Consent Letter. TxDOT to assist

□ Required: TxDOT to assist in obtaining the UPRR CROE

https://bnsf.railpermitting.com

## VI. RAILROAD COORDINATION MEETING

A Railroad Coordination Meeting is required. See item 5, Article 8.1, of the Standard Specifications for Construction and Maintenance of Highways, Streets and Bridges Manual for more details.

## VII. RAILROAD SAFETY ORIENTATION

A. Complete the Railroad's course "Orientation for Contractor's Safety," and maintain registration prior to working on the Railroad's property. This course is required to be completed annually by Contractor and Subcontractor personnel working on site.

## IX. EMERGENCY NOTIFICATION

| In Case of Railroad Emergency                                  |  |  |  |  |  |
|--|--|--|--|--|--|
| Call: UNION PACIFIC RAILROAD                                   |  |  |  |  |  |
| Railroad Emergency Line at: 888-877-7267                       |  |  |  |  |  |
| Location: DOT See Railroad Crossing Location Information table |  |  |  |  |  |
| RR Milepost: See Railroad Crossing Location Information table  |  |  |  |  |  |
| Subdivision: See Railroad Crossing Location Information table  |  |  |  |  |  |
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|            | UNION PACIFIC RAILROAD CROSSING LOCATIONS |             |           |                          |                      |                            |              |                |                         |   |  |                             |               |                                   |
|------------|---|-------------|-----------|--------------------------|----------------------|----------------------------|--------------|----------------|-------------------------|---|--|-----------------------------|---------------|-----------------------------------|
| Location # | County                                    | CSJ         | RRX DOT # | Highway Type &<br>Number | Crossing<br>Position | Primary Operating Railroad | RR Mile Post | RR Subdivision | City or<br>Municipality | # of<br>Regularly<br>Scheduled<br>Trains per<br>Day | # of Switching<br>Movements<br>per Day | Speed of<br>Trains<br>(mph) | ADT (YR, VPD) | Posted<br>Speed<br>Limit<br>(mph) |
| 2          | Brazos                                    | 0540-05-055 | 743238H   | FM 159                   | At Grade             | Union Pacific Railroad     | 12.86        | Navasota       | Millican                | 8   | 0                                      | 60                          | 2022, 1281    | 60                                |
| 9          | Burleson                                  | 0955-01-033 | 765822A   | FM 166                   | RR Over              | Union Pacific Railroad     | 30.22        | Giddings       | Caldwell                | 12  | 0                                      | 60                          | 2022, 1741    | 55                                |
| 20         | Grimes                                    | 0050-11-023 | 430132W   | BS 6                     | At Grade             | Union Pacific Railroad     | 47.61        | Navasota       | Navasota                | 18  | 0                                      | 25                          | 2022, 3915    | 55                                |
| 25         | Grimes                                    | 1516-01-009 | 430115F   | SS 234                   | At Grade             | Union Pacific Railroad     | 1.124        | Navasota       | Stoneham                | 7   | 4                                      | 10                          | 2022, 1,156   | 40                                |
| 26         | Grimes                                    | 1517-01-012 | 430120C   | FM 1748                  | At Grade             | Union Pacific Railroad     | 39.61        | Navasota       | Stoneham                | 7   | 0                                      | 45                          | 2022, 570     | 60                                |
| 33         | Leon                                      | 0643-01-069 | 432364T   | FM 39                    | RR Under             | Union Pacific Railroad     | 17.28        | Hearne         | Jewett                  | 4   | 0                                      | 60                          | 2022, 2728    | 55                                |
| 42         | Milam                                     | 0186-01-026 | 848840E   | SH 36                    | RR Over              | Union Pacific Railroad     | 108.985      | Austin         | Milano                  | 13  | 0                                      | 60                          | 2022, 7434    | 55                                |
| 46         | Milam                                     | 0858-02-025 | 446521A   | FM 908                   | At Grade             | Union Pacific Railroad     | 119.25       | Austin         | Rockdale                | 6   | 0                                      | 60                          | 2022, 1952    | 30                                |
| 49         | Walker                                    | 0213-01-049 | 428008R   | US 190                   | RR Under             | Union Pacific Railroad     | 165.61       | Palestine      | Huntsville              | 22  | 0                                      | 45                          | 2022, 10642   | 65                                |

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## PART 1 - GENERAL

#### 1.01 DESCRIPTION

This project includes construction work within the right of way and/or properties of the Railroad and adjacent to its tracks, wire lines and other facilities. These sheets describe the minimum special requirements for coordination with the Railroad when working upon, over or under Railroad Right of Way or when impacting current or future Railroad operations. Coordinate with the Railroad while performing the work outlined herein, and afford the same cooperation with the Railroad as with  $T \times D0T$ . Complete all submittals and work in accordance with TxDDT Standard Specifications, Railroad Guidelines and AREMA recommendations as modified by these minimum special requirements or as directed in writing by the Railroad Designated Representative.

For purposes of this project, the Railroad Designated Representative is the person or persons designated by the Railroad Manager of Industry and Public Projects to handle specific tasks related to the project.

#### REQUEST FOR INFORMATION / CLARIFICATION 1.02

Submit Requests for Information ('RFI') involving work within any Railroad Right of Way to the TxDOT Engineer. The TxDOT Engineer will submit the RFI to the Railroad Designated Representative for review and approval for RFI's corresponding to work within Railroad Right of Way. Allow six (6) weeks total time for review and approval. which includes four (4) weeks for review and approval by the Railroad.

#### 1.03 PLANS / SPECIFICATIONS

 $\mathsf{T} \mathsf{x} \mathsf{D} \mathsf{O} \mathsf{T}$  has received written Railroad approval of the plans and specifications for this project. Any revisions or changes in the plans after award of the Contract must have the approval of TxDOT and the Railroad.

#### PART 2 - UTILITIES AND FIBER OPTIC

Construct all utility installations in accordance with current AREMA recommendations, Railroad, TxDDT and owning utility specifications and requirements. Railroad general guidelines can be found on the Railroad website or by contacting the Railroad Designated Representative.

#### PART 3 - CONSTRUCTION

#### 3.01 GENERAL

- A. Perform all work in compliance with all applicable Railroad, Federal Railroad Administration (FRA), and TxDOT rules and regulations. Arrange and conduct work in a manner that does not endanger or interfere with the safe operation of the tracks and property of the Railroad and the traffic moving on such tracks, or the wires, signals and other property of the Railroad, its tenants or licensees, at or in the vicinity of the Work. The safe operation of railroad train movements takes precedence over any work to be performed by the Contractor. The Contractor is responsible for train delay cost and lost revenue claims due to any delays or interruption of train operations resulting from Contractor's construction or other activities.
- B. Construction activities within 15 feet of the operational tracks will only be allowed if absolutely necessary and the Railroad's Designated Representative grants approval. Construction activities within 15 feet of the operational track(s) preferably allow the tracks to stay operational tracks preferencing allow the approval by the Railroad Track Manager is required with regard to schedule, flagging, and slow orders. See Sections 3.07 and 3.08 for additional information.
- C. Provide track protection for all work equipment (including rubber tired equipment) operating within 25 feet from nearest rail. When not in use keep Contractor machinery and materials at least 50 feet from the Railroad's nearest track.
- D. Vehicular crossings of railroad track are allowed only at existing crossings, or haul road crossings developed with Railroad approval.
- E. The Contractor is also advised that new railroad facilities within the project may be built by the Railroad. If applicable, these facilities are delineated in the plans. Be aware of the limits of responsibilities and coordinate efforts with the Railroad and TxDOT.
- F. Railroad requirements do not allow work within 50 feet of track centers when a train passes the work site and all personnel must clear the area within 50 feet of the track centerine and secure all equipment. Additional allowances may be pursued as outlined in 3.02 and 3.03.

G. All permanent clearances shall be verified before project closing.

#### 3.02 RAILROAD OPERATIONS

- A. Trains and/or equipment are expected on any track, at any time, in either direction. Become familiar with the train schedules in this location and structure bid assuming intermittent track windows in this period, as defined in Paragraph B that follows.
- B. All railroad tracks within and adjacent to the contract site are active, and rail traffic over these facilities shall be maintained throughout the Project. Activities may include both through moves and switching moves to local customers. railroad traffic and operations will occur continuously throughout the day and night on these tracks and shall be maintained at all times as defined herein. Coordinate and schedule the work so that construction activities do not interfere with railroad operations.
- C.Coordinate work windows with TxDOT and the Railroad's Designated Representative. Types of work windows include Conditional Work Windows and Absolute Work Windows, as defined below:
  - 1. Conditional Work Window: A Conditional Work Window is a period of time that railroad operations have priority over construction activities. When construction activities may occur on and/or adjacent to the railroad tracks within 25 feet of the nearest track, a railroad flag person will be required. At the direction of the railroad flag person, upon approach of a train, and when trains are present on the tracks, the tracks must be cleared (i.e., no construction equipment, materials or personnel within 25 feet, or as directed by the Railroad Designated Representative, from the tracks). Conditional Work Windows are available for the Project.
  - 2. Absolute Work Window: An Absolute Work Window is a period of Absolute Work Window: An Absolute Work Window is a period of time that construction activities are given priority over railroad operations. During this time frame, the designated railroad track(s) will be inactive for train movements and may be fouled by the Contractor. At the end of an Absolute Work Window, the railroad tracks and/or signals must be completely operational for train operations and all Railroad, Public Utilities Commission (PUC) and FRA requirements, codes and regulations for operational tracks must be satisfied. In the situation where the operating tracks and/or signals have been affected, the Railroad will perform inspections of the work prior to placing that track back into service. Railroad flag persons will be required for construction activities requiring an Absolute Work Window. Absolute Work Windows will not generally be granted. Any request will require a detailed explanation for Railroad review.

#### RIGHT OF ENTRY, ADVANCE NOTICE AND WORK STOPPAGES 3.03

- A. Do not perform any work within Railroad Right of Way without a valid executed Right of Entry Agreement if required on this project.
- B. Give advance notice to the Railroad as required in the "Contractor's Right of Entry Agreement before commencing work in connection with construction upon or over Railroad Right of Way and observe the Railroad's rules and regulations with respect thereto.
- C.Perform all work upon Railroad Right of Way in a manner to avoid interference with or endanger the operations of the Railroad. Whenever work may affect the operations or safety of trains, submit the work method to the Railroad Designated Representative for approval. Approval does not relieve the Contractor from liability. Do not commence any work which requires flagging service or inspection service until the flagging protection required by the Railroad is available at the job site. See Section 3.15 for railroad flagging requirements.
- D. Make requests in writing for both Absolute and Conditional Work Windows, at least 30 days in advance of any work. Include in the written request: .Exactly what the work entails.

  - The days and hours that work will be performed.
     The exact location of work, and proximity to the tracks.
     The type of window requested and the amount of time requested.
  - 5. The designated contact person.

Provide a written confirmation notice to the Railroad at least 48 hours before commencing work in connection with approved work windows when work is within 25 feet of nearest rail. Perform all work in accordance with previously approved work plans.

E. Make provisions to protect operations and property of the Railroad should a condition arising from, or in connection with the work, require immediate and unusual action. If in the judgment of the Railroad Designated Representative such provisions are insufficient, the Railroad Designated Representative may require or provide such provisions as deemed necessary. In any event, such provisions shall be at the Contractor's expense and without cost to the Railroad or TxDDT. The Railroad or TxDDT shall have the right to order the Contractor to temporarily case operations in the event of an emergency or, if in the opinion of the Railroad Designated Representative, the Contractor's operations could endanger railroad operations. In the event of such an order, immediately notify  $T \times DOT$  of the order.

#### INSURANCE 3.04

Do not begin work upon or over Railroad Right of Way until furnishing the Railroad with the insurance policies, binders, certificates and endorsements required by the "Contractor's Right of Entry Agreement", and until the Railroad Designated Representative has advised TxDDT that such insurance is in accordance with the Agreement.

"UPRR,BNSF,KCS/TEXMEX will not accept on-track safety training certificates from other railroads. Refer to Railroad specific contractor right of entry for training information.

B. Know and follow the "Contractor's Right of Entry Agreement" EXHIBIT D. MINIMUM SAFETY REQUIREMENTS regarding clothing, personal protective equipment, and general safety requirements.

#### 3.06 COOPERATION

3.07

For construction clearance less than listed above, obtain local Railroad Operating Unit review and approval.

#### APPROVAL OF REDUCED CLEARANCES 3.08

#### 3.05 RAILROAD SAFETY ORIENTATION

A Complete the railroad course Drientation for Contractor's Safetu and maintain current registration prior to working on railroad property. This course is required to be completed annually by Contractor and Subcontractor personnel working on site.

The Railroad will cooperate with Contractor so that work may be conducted in an efficient manner, and will cooperate with Contractor in enabling use of Railroad Right of Way in performing the work.

> MINIMUM CONSTRUCTION CLEARANCES FOR FALSEWORK AND OTHER TEMPORARY STRUCTURES

Abide by the following minimum temporary clearances during the course

of construction: A. 15' - 0" (BNSF)(UPRR) and 14'-0" (KCS) horizontal from

centerline of track B. 22' (KCS) and 21' - 6" (UPRR & BNSF) vertically above top of rail.

A. Maintain minimum track clearances during construction as specified in Section 3.07.

B. Submit any proposed infringement on the specified minimum clearances to the Railroad Designated Representative through  $T\times D0T$  at least 30 days in advance of the work. Do not proceed with such infringement without written approval by the Railroad Designated Representative.

C. Do not commence work involving an approved infringement without receiving written assurance from the Railroad Designated Representative that arrangements have been made for any necessary flagging service.

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| Texas Department<br>of Transportation |          |                                |            |               |  |  |  |  |  |
| RAILROAD REQUIREMENTS                 |          |                                |            |               |  |  |  |  |  |
| FOR NO                                | N-BRIDGE | CONSTRU                        | ICTION PR  | ROJECTS       |  |  |  |  |  |
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#### MAINTENANCE OF RAILROAD FACILITIES 3.09

- A. Maintain all ditches and drainage structures free of silt or other obstructions resulting from Contractor's operations. Repair eroded areas and any other damage within Railroad Right of Way and repair any other damage to the property of the Railroad, or its tenants.
- B. Perform all such maintenance and repair of damages due to the Contractors's operations at Contractor's expense
- C. Submit a proposed method of erosion control for review by the Railroad prior to beginning any grading on the project site. Comply with all applicable local, state and federal regulations when developing and implementing such erosion control.

#### 3.10 SITE INSPECTIONS BY RAILROAD'S DESIGNATED REPRESENTATIVE

- A. In addition to the office reviews of construction submittals,
- site inspections may be performed by the Railroad Designated Representative at significant points during construction, including the following if applicable:
- 1. Pre-construction meetings.
- Pile driving/drilling of caissons or drilled shafts.
   Reinforcement and concrete placement for railroad bridge substructure and/or superstructure.
- 4. Erection of precast concrete or steel bridge superstructure.
- 5. Placement of waterproofing (prior to placing ballost on bridge deck). 6. Completion of the bridge structure.
- B. Site inspection is not limited to the milestone events listed above. Site visits to check progress of the work may be performed at any time throughout the construction as deemed necessary by the Rairoad.
- C. Provide a detailed construction schedule, including the proposed temporary horizontal and vertical clearances and construction sequence for all work to TxDOT for submittal to the Railroad Designated Representative for review prior to commencement of work. Include the anticipated dates when the above listed events will occur. Update this schedule for the above listed events as necessary and each month at a minimum to allow the Railroad to schedule site inspections.

#### 3.11 RAILROAD REPRESENTATIVES

Railroad representatives, conductors, flag person or watch person will be provided by the Railroad at expense of TxDOT to protect Railroad facilities, property and movements of its trains or engines. In general, the Railroad will furnish such personnel or other protective services as follows:

- A. When any part of any equipment is standing or being operated within 25 feet, measured horizontally, from nearest rail of any track on which trains may operate, or when any object is off the ground and any dimension thereof could extend inside the 25 foot limit, or when any erection or construction activities are in progress within such limits, regardless of elevation above or below track.
- B. For any excavation below elevation of track subgrade if, in the opinion of the Railroad Designated Representative, track or other railroad facilities may be subject to settlement or movement.
- C. During any clearing, grubbing, excavation or grading in proximity to railroad facilities, which, in the opinion of the Railroad Designated Representative, may endanger railroad facilities or operations.
- D. During any Contractor's operations when, in the opinion of the Railroad Designated Representative, railroad facilities, including, but not limited to, tracks, buildings, signals, wire lines, or pipe lines, may be endangered.
- E. Arrange with the Railroad Designated Representative to provide the adequate number of flag persons to accomplish the work.

#### COMMUNICATIONS AND SIGNAL LINES 3.12

If required, the Railroad will rearrange its communications and signal lines, its grade crossing warning devices, train signals and tracks, and facilities that are in use and maintained by the Railroad's forces in connection with its operation at expense of TxDOT. This work by the Railroad will be done by its own forces and it is not a part of the Work under this Contract.

## 3.13 TRAFFIC CONTROL

Coordinate any operations that control traffic across or around railroad facilities with the Railroad Designated Representative.

#### CONSTRUCTION EXCAVATIONS AND BORING ACTIVITIES UNDER TRACK 3.14

- A. Take special precaution and care in connection with excavating and shoring. Excavations for construction of footings, piers, columns, walls or other facilities that require shoring shall comply with requirements of TxDDT, OSHA, AREMA and Railroad Guidelines for Temporary Shoring.
- B. The project plans indicate whether there are fiber optic lines Regardless, contact the necessary call center to determine if such cable sustems are present;

UPRR 1-800-336-9193 7:00 AM to 9:00 PM CST Monday-Friday except holidays, staffed 24 hrs/day for emergencies 48 hrs notice required

BNSF 1-800-533-2891 24 hour number 5 working days notice required

KCS 1-800-344-8377 Texas One Call, a 24 hour number 48 hrs notice required, excluding weekends and holidays

If a telecommunications system is buried anywhere on or near railroad property, coordinate with  $1\times D0T,$  the Railroad and the Telecommunication Company(les) to arrange for relocation or protective measures prior to beginning work on or near railroad property. Refer to the project General Notes for additional information.

C. Projects involving a boring or jack and bore operation under track such as drainage pipes or culverts and utilities require an installation plan reviewed and approved by the Railroad and TxDDT prior to proceeding with such construction. A railroad inspector and contractor assisted monitoring of ground and track movement is required to maintain safe passage of rail traffic. Stop installation and do not allow passage of trains if movements in excess of  $\frac{1}{2}$  inch vertical or horizontal is detected in the tracks. Immediately repair the damage to the satisfaction of  $T \times DOT$  and the Railroad before proceeding.

#### 3.15 RAILROAD FLAGGING

Per the Right of Entry Agreement for flagging, notify the Railroad Representative at least 10 working days in advance of Contractor's work and at least 30 working days in advance of any Contractor's work in which any person or equipment will be within 25 feet of nearest rail or as specified in the Contractor Right of Entry (CROE).

#### 3.16 CLEANING OF RIGHT-OF-WAY

When work is complete, remove all tools, implements, and other materials brought into Railroad Right of Way and leave the right of Way in a clean and presentable condition to the satisfaction of TxDOT and the Railroad.

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| RAILROAD REQUIREMENTS<br>FOR NON-BRIDGE CONSTRUCTION PROJECTS |                               |              |            |               |  |  |  |  |  |
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## BARRICADE AND CONSTRUCTION (BC) STANDARD SHEETS GENERAL NOTES:

- 1. The Barricade and Construction Standard Sheets (BC sheets) are intended to show typical examples for placement of temporary traffic control devices, construction pavement markings, and typical work zone signs. The information contained in these sheets meet or exceed the requirements shown in the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD).
- 2. The development and design of the Traffic Control Plan (TCP) is the responsibility of the Engineer.
- 3. The Contractor may propose changes to the TCP that are signed and sealed by a licensed professional engineer for approval. The Engineer may develop, sign and seal Contractor proposed changes.
- 4. The Contractor is responsible for installing and maintaining the traffic control devices as shown in the plans. The Contractor may not move or change the approximate location of any device without the approval of the Engineer.
- 5. Geometric design of lane shifts and detours should, when possible, meet the applicable design criteria contained in manuals such as the American Association of State Highway and Transportation Officials (AASHTO), "A Policy on Geometric Design of Highways and Streets," the TxDOT "Roadway Design Manual" or engineering judgment.
- 6. When projects abut, the Engineer(s) may omit the END ROAD WORK, TRAFFIC FINES DOUBLE, and other advance warning signs if the signing would be redundant and the work areas appear continuous to the motorists. If the adjacent project is completed first, the Contractor shall erect the necessory worning signs as shown on these sheets, the TCP sheets or as directed by the Engineer. The BEGIN ROAD WORK NEXT X MILES sign shall be revised to show appropriate work zone distance.
- 7. The Engineer may require duplicate warning signs on the median side of divided highways where median width will permit and traffic volumes justify the signing.
- 8. All signs shall be constructed in accordance with the details found in the "Standard Highway Sign Designs for Texas," latest edition. Sign details not shown in this manual shall be shown in the plans or the Engineer shall provide a detail to the Contractor before the sign is manufactured.
- 9. The temporary traffic control devices shown in the illustrations of the BC sheets are examples. As necessary, the Engineer will determine the most appropriate traffic control devices to be used.
- 10. Where highway construction or maintenance work is being undertaken, other than mobile operations as defined by the Texas Manual on Uniform Traffic Control Devices, CSJ limit signs are required. CSJ limit signs are shown on BC(2). The OBEY WARNING SIGNS STATE LAW sign, STAY ALERT TALK OR TEXT LATER and the WORK ZONE TRAFFIC FINES DOUBLE sign with plaque shall be erected in advance of the CSJ limits. The BEGIN ROAD WORK NEXT X MILES, CONTRACTOR and END ROAD WORK signs shall be erected at or near the CSJ limits. For mobile operations, CSJ limit signs are not required.
- 11. Traffic control devices should be in place only while work is actually in progress or a definite need exists.
- 12. The Engineer has the final decision on the location of all traffic control devices.
- 13. Inactive equipment and work vehicles, including workers' private vehicles must be parked away from travellanes. They should be as close to the right-of-way line as possible, or located behind a barrier or guardrail, or as approved by the Engineer.

## WORKER SAFETY NOTES:

- 1. Workers on foot who are exposed to traffic or to construction equipment within the right-of-way shall wear high-visibility safety apparel meeting the requirements of ISEA "American National Standard for High-Visibility Apparel," or equivalent revisions, and labeled as ANSI 107-2004 standard performance for Class 2 or 3 risk exposure. Class 3 garments should be considered for high traffic volume work areas or night time work.
- 2. Except in emergency situations, flagger stations shall be illuminated when flagging is used at night.

## COMPLIANT WORKZONE TRAFFIC CONTROL DEVICES

- 1. Only pre-qualified products shall be used. The "Compliant Work Zone Traffic Control Devices List" (CWZTCD) describes pre-qualified products and their sources.
- 2. Work zone traffic control devices shall be compliant with the Manual for Assessing safety Hardware (MASH).

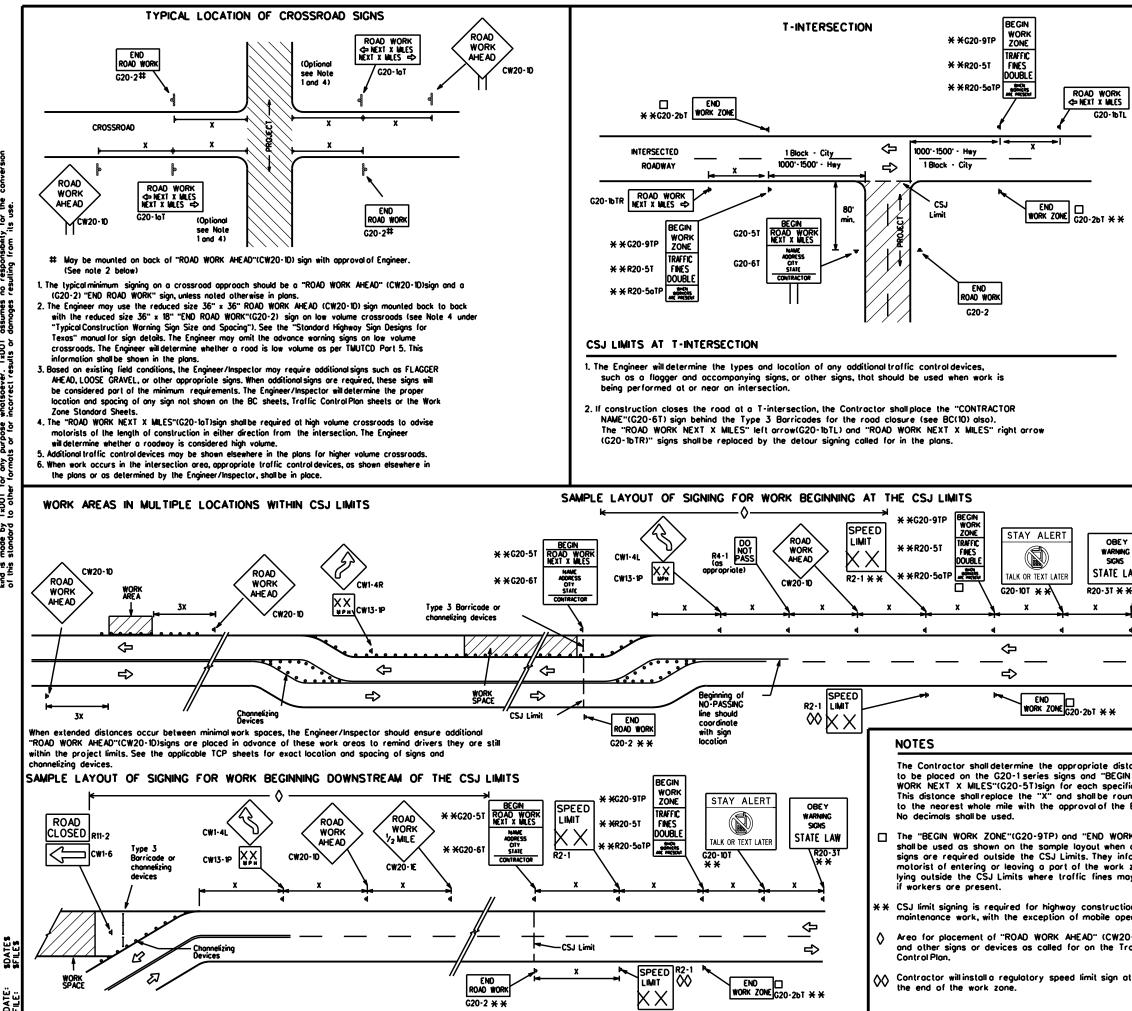
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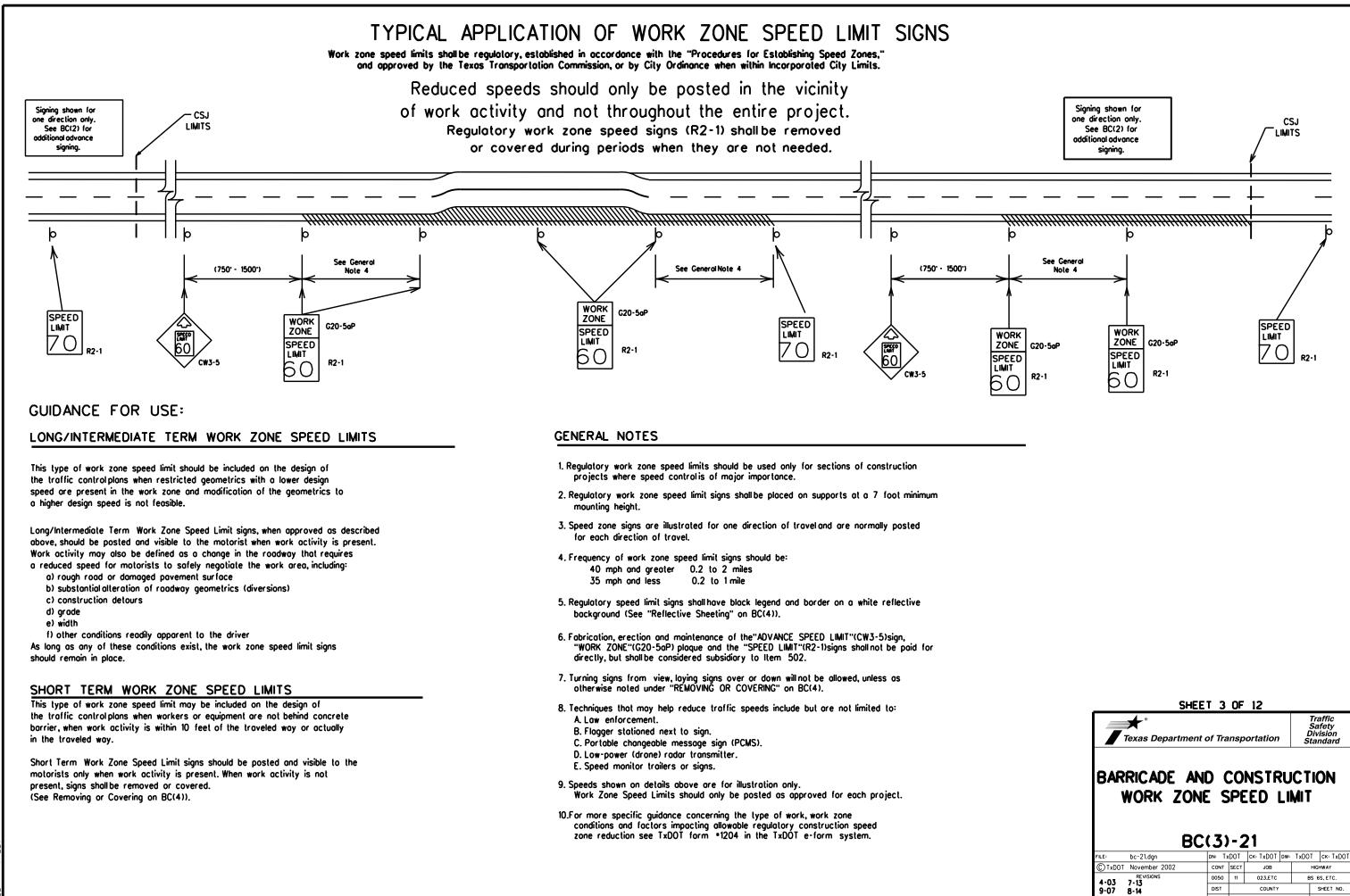
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|                                       | Sign<br>Number<br>or Series   | Conventio<br>Roo  |  | Expresswo<br>Freewo                       |                               |                  | Posted<br>Speed                  | Sign<br>Spacin<br>''X''      |                                  |
|                                       | CW20 <sup>4</sup><br>CW21<br>CW22<br>CW23   | 48" ×   | 48"                                      | 48" × 48                                  |                               |                  | MPH<br>30<br>35                  | Fee<br>(Appr x<br>120<br>160 | <u>لَ</u>                        |
|                                       | CW25<br>CW1, CW2,   |   |  |   |                               |                  | 40<br>45                         | 240<br>320                   | <u>&gt;</u>                      |
|                                       |   | 36" × 36'   | 48'                                      | x 48"                                     |                               |                  | 50<br>55<br>60                   | 400<br>500<br>600            | ) 2                              |
|                                       | CW3, CW4,<br>CW5, CW6,<br>CW8-3,<br>CW10, CW12  | 8" × 48   | <sup>.</sup> 48 <sup>.</sup>             | × 48''                                    |                               |                  | 65<br>70<br>75                   | 700<br>800<br>900            | ) <sup>2</sup><br>) <sup>2</sup> |
|                                       |   |   |  |   |                               |                  | 80<br>*                          | 1000                         | 3                                |
|                                       | For typical sign spa<br>see Part 6 of the<br>(TMUTCD) typical ap<br>Minimum distance<br>work area and/or<br>NERAL NOTES | "Texos Mon<br>oplication dio<br>from work<br>distance bet | ualon Unifo<br>grams or 1<br>area to fir | orm Traffic<br>TCP Standar<br>rst Advance | Control<br>d Sheet<br>Worning | Devi<br>s.       | ices"                            | 9                            |                                  |
|                                       | ipecial or larger size  |   | be used a                                | s necessory                               | •                             |                  |                                  |                              |                                  |
| 2.1                                   | Dislance belween si<br>advance warning.   | gns should b  | e increase                               | ed os requir                              | ed to ho                      | ove              | 1500 feet                        |                              |                                  |
| 3.1                                   | Dislance between si<br>or more advance v  |   | e increase                               | ed os requir                              | ed to ho                      | ove              | 1/2 mile                         |                              |                                  |
|                                       | 36" × 36" "ROAD W<br>crossroads at the<br>Note 2 under "Typ<br>Only diamond shape                                       | discretion o<br>ical Location                             | f the Engin<br>of Crossr                 | neer os per<br>ood Signs".                | TMUTCD                        |                  |                                  |                              |                                  |
| AW I                                  | See sign size listing<br>Sign Designs for To<br>sizes.  | in "TMUTCO  | ", Sign App                              | pendix or th                              | e "Sland                      |                  |                                  |                              |                                  |
| 4                                     |   |   |  | LÍ  | EGEN                          | D                |                                  |                              | 1                                |
|                                       |   |   | I  | Туре                                      |                               |                  | je                               |                              |                                  |
| _                                     |   |   | 000                                      | Channe                                    | elizing (                     | Dev              | ices                             |                              |                                  |
|                                       |   |   | -  | Sign                                      |                               |                  |                                  |                              |                                  |
| once                                  |   |   | x  | Wornin<br>Spocin                          | g Sign<br>g char<br>D for     | Sia<br>to<br>sig | r lhe<br>n                       |                              |                                  |
| ROAD<br>cprojec<br>nded               | roject. SHEFT 2 OF 12   |   |  |   |                               | •                |                                  |                              |                                  |
| Engineer.                             |   | Te  | xas Dep                                  | artment c                                 | of Tran                       | spo              | ortation                         | Sa<br>Divi                   | affic<br>fety<br>ision<br>ndard  |
| K ZONE"<br>advance<br>orm the<br>zone | DNE" (G20-2bT) Canada Constant  |   |  |   |                               |                  |                                  |                              |                                  |
| y double                              |   | BAKK  |  | roje                                      |                               | -                |                                  | <b>ر ۱۱</b> (                | JN                               |
| n and<br>rations.                     |   |   |  |   | - ·                           | -                |                                  |                              |                                  |
| -1D)sign<br>offic                     |   |   | 01 :                                     | BC  |                               | _                |                                  | T 507                        |                                  |
|                                       |   | -   | c-21.dgn<br>ovember 20                   | 02  | DN: TXDO<br>CONT SE           | )T<br>:ct        | ск: TxDOT DW:<br>JOB             |                              | ck: TxDOT<br>hway                |
| t                                     |   | 9-07 8-   | REVISIONS<br>13<br>14<br>-21             |   | 0050 1<br>DIST<br>BRY         | 1                | 023,ETC<br>COUNTY<br>GRIMES, ETC |                              | S, ETC.<br>SHEET NO.<br>41       |

96



BRY

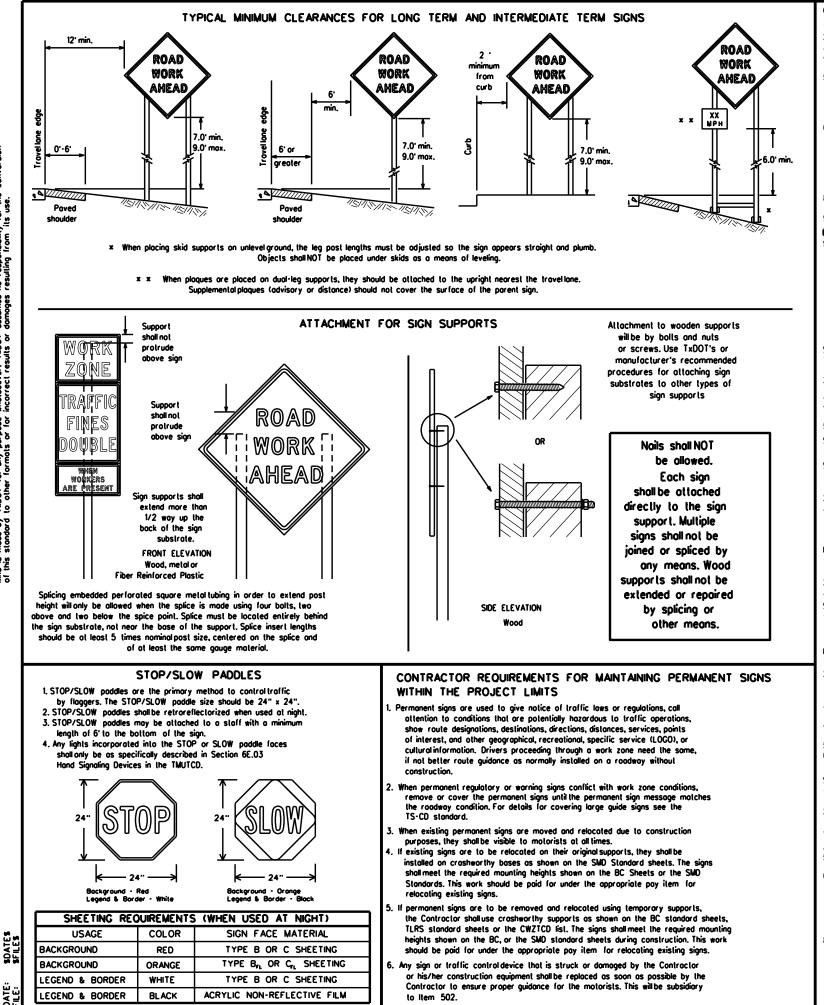
5-10

5-21

GRIMES, ETC

42

DATE: SDATES File: SFiles



## GENERAL NOTES FOR WORK ZONE SIGNS

- Contractor shall install and maintain signs in a straight and plumb condition and/or as directed by the Engineer. Wooden sign posts shall be painted white.
- Barricades shall NOT be used as sign supports.
- All signs shall be installed in accordance with the plans or as directed by the Engineer. Signs shall be used to regulate, warn, and guide the traveling public safely through the work zone.
- 5. The Contractor may furnish either the sign design shown in the plans or in the "Standard Highway Sign Designs for Texos" (SHSD). The Engineer/Inspector may require the Contractor to furnish other work zone signs that are shown in the TMUTCD but may have been amilted from the plans. Any variation in the plans shall be documented by written agreement between the Engineer and the Contractor's Responsible Person. All changes must be documented in writing before being implemented. This can include documenting the changes in the inspector's TxDOT diary and having both the inspector and Contractor initial and date the agreed upon changes. The Contractor shall furnish sign supports listed in the "Compliant Work Zone Traffic Control Device List" (CWZTCD) for small roadside
- signs. Supports for temporary large roadside signs shall meet the requirements detailed on the Temporary Large Roadside Signs (TLRS) standard sheets. The Contractor shall install the sign support in accordance with the manufacturer's recommendations. If there is a question regarding installation procedures, the Contractor shall furnish the Engineer a copy of the manufacturer's installation recommendations so the Engineer can verify the correct procedures are being followed.
- The Contractor is responsible for installing signs on approved supports and replacing signs with damaged or cracked substrates and/or damaged or marred reflective sheeting as directed by the Engineer/Inspector.
- Identification markings may be shown only on the back of the sign substrate. The maximum height of letters and/or company logos used for identification shall be 1 inch.

## ). The Contractor shall replace damaged wood posts. New or damaged wood sign posts shall not be spliced.

- <u>QURATION OF WORK (as defined by the "Texas Manualan Uniform Traffic Control Devices" Part 6</u> The types of sign supports, sign mounting height, the size of signs, and the type of sign substrates can vary based on the type of work being performed. The Engineer is responsible for selecting the appropriate size sign for the type of work being performed. The Contractor is responsible for ensuring the sign support, sign mounting height and substrate meets manufacturer's recommendations in regard to crashworthiness and duration of work requirements.
- a. Long-term stationary work that occupies a location more than 3 days. b. Intermediate term stationary - work that occupies a location more than one daylight period up to 3 days, or night lime work lasting
- more than one hour. c. Short-term stationary - daylime work that occupies a location for more than 1 hour in a single daylight period.
- d. Short, duration work that occupies a location up to 1 hour. e. Mobile - work that moves continuously or intermittently (stopping for up to approximately 15 minutes.)
- SIGN MOUNTING HEIGHT
- l. The bollom of Long-lerm/intermediale-lerm signs shallbe al leasl 7 feel, but not more lhan 9 feel, above the paved surface, except
- as shown for supplemental plaques mounted below other signs. 2. The bottom of Short-term/Short Duration signs shall be a minimum of 1 foot above the pavement surface but no more than 2 feet above
- the ground. 3. Long-term/intermediate-term Signs may be used in lieu of Short-term/Short Duration signing. 4. Short-term/Short Duration signs shall be used only during daylight and shall be removed at the end of the workday or raised to
- appropriate Long-term/Intermediate sign height.

# SIZE OF SIGNS

1. The Contractor shall furnish the sign sizes shown on BC (2) unless otherwise shown in the plans or as directed by the Engineer.

## SIGN SUBSTRATES

- 1. The Contractor shall ensure the sign substrate is installed in accordance with the manufacturer's recommendations for the type of sign support that is being used. The CWZTCD lists each substrate that can be used on the different types and models of sign supports. "Mesh" type materials are NOT an approved sign substrate, regardless of the tightness of the weave.
- All wooden individual sign panels fabricated from 2 or more pieces shall have one or more plywood cleat, 1/2" thick by 6" wide fastened to the back of the sign and extending fully across the sign. The cleat shall be attached to the back of the sign using wood screws that do not penetrate the face of the sign panel. The screws shall be placed on both sides of the splice and spaced at 6" centers. The Engineer may approve other methods of splicing the sign face.

## REFLECTIVE SHEETING

- 1. All signs shall be retroreflective and constructed of sheeting meeting the color and retro-reflectivity requirements of DMS-8300 for rigid signs or DMS-8310 for roll-up signs. The web address for DMS specifications is shown on BC(1).
- While sheeting, meeting the requirements of DMS-8300 Type A, shall be used for signs with a white background.

# SIGN LETTERS

1. All sign letters and numbers shall be clear, and open rounded type uppercase alphabet letters as approved by the Federal Highway Administration (FHWA) and as published in the "Standard Highway Sign Design for Texas" manual Signs, letters and numbers shall be of first class workmanship in accordance with Department Standards and Specifications.

## REMOVING OR COVERING

- When sign messages may be confusing or do not apply, the signs shall be removed or completely covered.
   Long-term stationary or intermediate stationary signs installed on square metal lubing may be turned away from traffic 90 degrees when the sign message is not applicable. This technique may not be used for signs installed in the median of divided highways or near any
- intersections where the sign may be seen from approaching traffic. Signs installed on wooden skids shall not be turned at 90 degree angles to the roadway. These signs should be removed or completely
- covered when not required. When signs are covered, the material used shall be opaque, such as heavy mitblack plastic, or other materials which will cover the entire sign face and maintain their opaque properties under automobile headlights at night, without damaging the sign sheeting.
- . Burlap shall NOT be used to cover signs.
- 6. Duct tope or other adhesive material shall NOT be affixed to a sign face. Signs and anchor stubs shall be removed and holes backfilled upon completion of work.

## SIGN SUPPORT WEIGHTS

- 1. Where sign supports require the use of weights to keep from turning over, the use
- of sandbags with dry, cohesionless sand should be used. The sandbags will be tied shut to keep the sand from spilling and to maintain
- constant weight. Rock, concrete, iron, steel or other solid objects shall not be permitted
- for use as sign support weights. Sondbags should weigh a minimum of 35 lbs and a maximum of 50 lbs. Sondbags should be made of a durable material that tears upon vehicular
- impact. Rubber (such as lire inner lubes) shall NOT be used.
- Rubber ballasts designed for channelizing devices should not be used fo ballast on portable sign supports. Sign supports designed and manufactured with rubber bases may be used when shown on the CWZTCD list.
- Sondbags shallonly be placed along or loid over the base supports of the traffic control device and shall not be suspended above ground level or hung with rope, wire, chains or other fasteners. Sandbaas shall be placed
- along the length of the skids to weigh down the sign support. Sondbags shall NOT be placed under the skid and shall not be used to level sion supports placed on slopes.

## FLAGS ON SIGNS

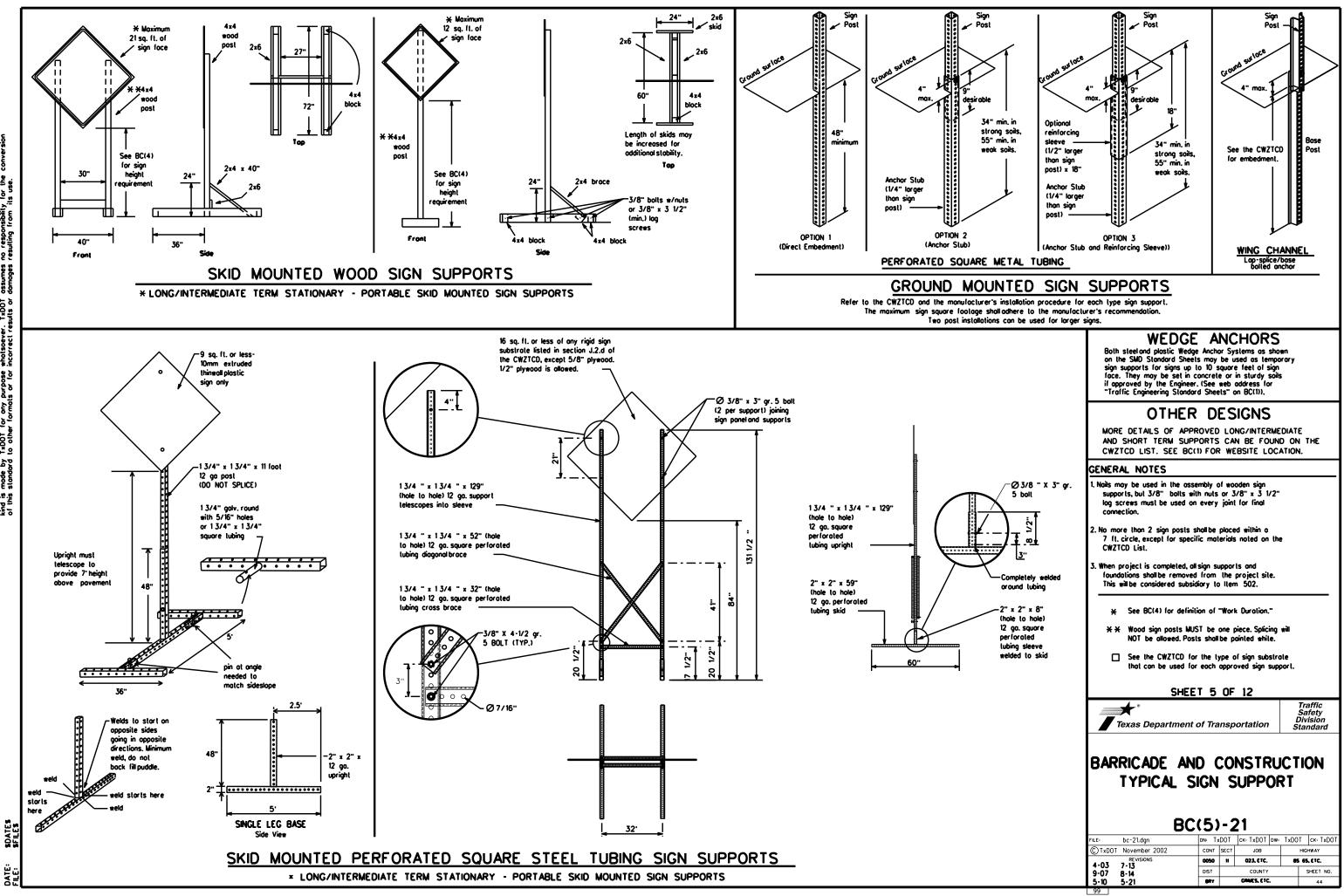
1. Flags may be used to draw attention to warning signs. When used, the flag shall be 16 inches square or larger and shall be arange or fluorescent red-orange in color. Flags shall not be allowed to cover any portion of the sign face.

Regulatory signs shall be mounted at least 7 feet, but not more than 9 feet, above the paved surface regardless of work duration.

3. Orange sheeting, meeting the requirements of DMS-8300 Type B  $\,$  or Type G , shall be used for rigid signs with orange backgrounds.

| Texas Depart           | tment of Tra | nsp          | ortation        |     | Sa<br>Div | affic<br>nfety<br>rision<br>ndard |
|------------------------|--------------|--------------|-----------------|-----|-----------|-----------------------------------|
| BARRICADE<br>TEMPOI    |              |              |                 |     |           | ON                                |
| File: bc-21.dgn        | BC(4)        | ) <b>- 2</b> | 21<br>CK: TXDOT | DW: | TxDOT     | ск: Тхрот                         |
| © TxDOT November 2002  | CONT         | SECT         | JOB             | 101 |           | HWAY                              |
| REVISIONS              | 0050         | 11           | 023,ETC         |     | BS 6      | IS, ETC.                          |
| 4-03 7-13<br>9-07 8-14 | DIST         |              | COUNTY          |     |           | SHEET NO.                         |
| 5-10 5-21              | BRY          |              | GRIMES, ETC     |     |           | 43                                |

SHEET 4 OF 12



DISCLAMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

## PORTABLE CHANGEABLE MESSAGE SIGNS

- 1. The Engineer/Inspector shall approve all messages used on portable changeable message signs (PCMS).
- 2. Messages on PCMS should contain no more than 8 words (about four to eight characters per word), not including simple words such as "TO," "FOR." "AT." etc.
- 3. Messages should consist of a single phase, or two phases that alternate. Three-phase messages are not allowed. Each phase of the message should convey a single thought, and must be understood by itself
- 4. Use the word "EXIT" to refer to an exit ramp on a freeway; i.e., "EXIT CLOSED." Do not use the term "RAMP."
- 5. Always use the route or interstate designation (IH, US, SH, FM) along with the number when referring to a roadway.
- 6. When in use, the bottom of a stationary PCMS message panel should be a minimum 7 feet above the roadway, where possible.
- 7. The message term "WEEKEND" should be used only if the work is to start on Saturday morning and end by Sunday evening at midnigh Actual days and hours of work should be displayed on the PCMS if work is to begin on Friday evening and/or continue into Monday morning.
- 8. The Engineer/Inspector may select one of two options which are available for displaying a two-phase message on a PCMS. Each phase may be displayed for either four seconds each or for three seconds each.
- 9. Do not "flosh" messages or words included in a message. The message should be steady burn or continuous while displayed.
- 10. Do not present redundant information on a two-phase message; i.e., keeping two lines of the message the same and changing the third line.
- 11. Do not use the word "Danger" in message. 12. Do not display the message "LANES SHIFT LEFT" or "LANES SHIFT RIGHT" on a PCMS. Drivers do not understand the message.
- 13. Do not display messages that scroll horizontally or vertically across the face of the sign.
- 14. The following table lists abbreviated words and two-word phrases that are acceptable for use on a PCMS. Both words in a phrase must be displayed together. Words or phrases not on this list should not be abbreviated, unless shown in the TMUTCD.
- 15. PCMS character height should be at least 18 inches for trailer mounted units. They should be visible from at least 1/2 (.5) mile and the text should be legible from at least 600 feet at night and 800 feet in daylight. Truck mounted units must have a character height of 10 inches
- and must be legible from at least 400 feet. 16. Each line of text should be centered on the message board rather than left or right justified.
- 17. If disabled, the PCMS should default to an illegible display that will not alarm motorists and will only be used to alert workers that the PCMS has malfunctioned. A pattern such as a series of horizontal solid bars is appropriate.

| WORD OR PHRASE        | ABBREVIATION | WORD OR PHRASE | ABBREVIATION |
|-----------------------|--------------|----------------|--------------|
| Access Rood A         | CCS RD       | Najor MAJ      |              |
| Alternate             | ALT          | Miles          | MI           |
| Avenue                | AVE          | Miles Per Hour | MPH          |
| Best Route            | BEST RTE     | Minor          | MNR          |
| Boulevard             | BLVD         | Monday         | MON          |
| Bridge                | BRDG         | Normal         | NORM         |
| Cannot                | CANT         | North          | N            |
| Center                | CTR          | Northbound     | (route) N    |
| Construction<br>Ahead | CONST AHD    | Parking        | PKING        |
| CROSSING              | XING         | Rood           | RD           |
|                       | DETOUR RTE   | Right Lane     | RTLN         |
| Detour Route          | DETOUR RIE   | Saturday       | SAT          |
| Do Not                |              | Service Rood   | SERV RD      |
| Eost                  | E            | Shoulder       | SHLDR        |
| Eastbound             | (route) E    | Slippery       | SLIP         |
| Emergency             | EMER         | South          | S            |
| Emergency Vehicle     |              | Southbound     | (route) S    |
| Entrance, Enter       | ENT          | Speed          | SPD          |
| Express Lone          | EXP LN       | Street         | ST           |
| Expresswoy            | EXPWY        | Sunday         | SUN          |
| XXXX Feet             | XXXX FT      | Telephone      | PHONE        |
| Fog Ahead             | FOG AHD      | Temporary      | TEMP         |
| Freeway               | FRWY, FWY    | Thursday       | THURS        |
| Freewoy Blocked       | FWY BLKD     | To Downtown    | TO DWNTN     |
| Friday                | FRI          | Iroffic        | TRAF         |
| Hazardous Driving     |              | Travelers      | TRVLRS       |
| Hazardous Material    |              | Tuesday        | TUES         |
| High-Occupancy        | HOV          | Time Winutes   | TIME MIN     |
| Vehicle               | HWY          | Upper Level    | UPR LEVEL    |
| Highway               |              | Vehicles (s)   | VEH, VEHS    |
| Hour (s)              | HR, HRS      | Warning        | WARN         |
| Information           | INFO         | Wednesday      | WED          |
| lt is                 | ITS          | Weight Limit   | WTLIMIT      |
| Junction              | JCT          | West           | W .          |
| Left                  | LFT          | Westbound      | (route) W    |
| Left Lone             | LFT LN       | Wet Pavement   |              |
| Lone Closed           | LN CLOSED    | Will Not       | WONT         |
| Lower Level           | LWR LEVEL    |                | 1 11 11 11   |
| Maintenance           | MAINT        | J              |              |

| RECOMMENDED | PHASES | AND | FORMATS | FOR | PCMS | MESSAGES | DUR |
|-------------|--------|-----|---------|-----|------|----------|-----|
|             |        |     |         |     |      |          |     |

(The Engineer may approve other messages not specifically covered here.)

# Phase 1: Condition Lists

## Road/Lane/Ramp Closure List

| Road/Lane/Ram               | p Closure List                 | Other Condition                | on List                       |
|-----------------------------|--------------------------------|--------------------------------|-------------------------------|
| FREEWAY<br>CLOSED<br>X MILE | FRONTAGE<br>ROAD<br>CLOSED     | ROADWORK<br>XXX FT             | ROAD<br>REPAIRS<br>XXXX FT    |
| ROAD<br>CLOSED<br>AT SH XXX | SHOULDER<br>CLOSED<br>XXX FT   | FLAGGER<br>XXXX FT             | LANE<br>NARROWS<br>XXXX FT    |
| ROAD<br>CLSD AT<br>FM XXXX  | RIGHT LN<br>CLOSED<br>XXX FT   | RIGHT LN<br>NARROWS<br>XXXX FT | TWO-WAY<br>TRAFFIC<br>XX MILE |
| RIGHT X<br>LANES<br>CLOSED  | RIGHT X<br>LANES<br>OPEN       | MERGING<br>TRAFFIC<br>XXXX FT  | CONST<br>TRAFFIC<br>XXX FT    |
| CENTER<br>LANE<br>CLOSED    | DAYTIME<br>LANE<br>CLOSURES    | LOOSE<br>GRAVEL<br>XXXX FT     | UNEVEN<br>LANES<br>XXXX FT    |
| NIGHT<br>LANE<br>CLOSURES   | I-XX SOUTH<br>EXIT<br>CLOSED   | DETOUR<br>X MILE               | ROUGH<br>ROAD<br>XXXX FT      |
| VARIOUS<br>LANES<br>CLOSED  | EXIT XXX<br>CLOSED<br>X MILE   | ROADWORK<br>PAST<br>SH XXXX    | ROADWORK<br>NEXT<br>FRI-SUN   |
| EXIT<br>CLOSED              | RIGHT LN<br>TO BE<br>CLOSED    | BUMP<br>XXXX FT                | US XXX<br>EXIT<br>X MILES     |
| MALL<br>DRIVEWAY<br>CLOSED  | X LANES<br>CLOSED<br>TUE - FRI | TRAFFIC<br>SIGNAL<br>XXXX FT   | L ANES<br>SHIF T              |
| XXXXXXXX<br>BL VD<br>CLOSED | × LANES SHIFT in Pho           | ose 1 must be used with STAY   | IN LANE in Phose 2.           |

#### APPLICATION GUIDELINES

- 1. Only 1 or 2 phases are to be used on a PCMS.
- 2. The 1st phase (or both) should be selected from the
- "Road/Lane/Ramp Closure List" and the "Other Condition List". 3. A 2nd phose can be selected from the "Action to Take/Effect on Travel, Location, General Warning, or Advance Notice Phose Lists".
- 4. A Location Phase is necessary only if a distance or location is not included in the first phase selected.
- 5. If two PCMS are used in sequence, they must be separated by a minimum of 1000 ft. Each PCMS shall be limited to two phases,
- and should be understandable by themselves. 6. For advance notice, when the current date is within seven days of the actual work date, calendar days should be replaced with days of the week. Advance notification should typically be for no more than one week prior to the work.

| US XXX N                  | TRUCKS                  |
|---------------------------|-------------------------|
| WATCH<br>FOR<br>TRUCKS    | EXPECT<br>DELAYS        |
| EXPECT<br>DELAYS          | PREPARE<br>TO<br>STOP   |
| REDUCE<br>SPEED<br>XXX FT | END<br>SHOULDER<br>USE  |
| USE<br>OTHER<br>ROUTES    | WATCH<br>FOR<br>WORKERS |
| STAY<br>IN<br>LANE        | r.                      |

Action to Take/Effect on Travel

MERGE

DETOUR

NEXT

X EXITS

USE

EXIT XXX

STAY ON

US XXX

SOUTH

TRUCKS

USE

RIGHT

List

FORM

X LINES

RIGHT

USE

XXXXX

RD EXIT

USE EXIT

I-XX

NORTH

USE

I-XX F

TO I-XX N

WATCH

FOR

#### WORDING ALTERNATIVES

- 1. The words RIGHT, LEFT and ALL can be interchanged as appropriate. 2. Roadway designations IH, US, SH, FM and LP can be interchanged as appropriate.
- 3. EAST, WEST, NORTH and SOUTH (or abbreviations E, W, N and S) can be interchanged as appropriate.
- 4. Highway names and numbers replaced as appropriate. 5. ROAD, HIGHWAY and FREEWAY can be interchanged as needed. 6. AHEAD may be used instead of distances if necessary.
- 7. FT and MI, MILE and MILES interchanged as appropriate 8. AT, BEFORE and PAST interchanged as needed. 9. Distances or AHEAD can be eliminated from the message if a
  - location phase is used.

PCMS SIGNS WITHIN THE R.O.W. SHALL BE BEHIND GUARDRAIL OR CONCRETE BARRIER OR SHALL HAVE A MINIMUM OF FOUR (4) PLASTIC DRUMS PLACED PERPENDICULAR TO TRAFFIC ON THE UPSTREAM SIDE OF THE PCMS, WHEN EXPOSED TO ONE DIRECTION OF TRAFFIC. WHEN EXPOSED TO TWO WAY TRAFFIC. THE FOUR DRUMS SHOULD BE PLACED WITH ONE DRUM AT EACH OF THE FOUR CORNERS OF THE UNIT.

## FULL MATRIX PCMS SIGNS

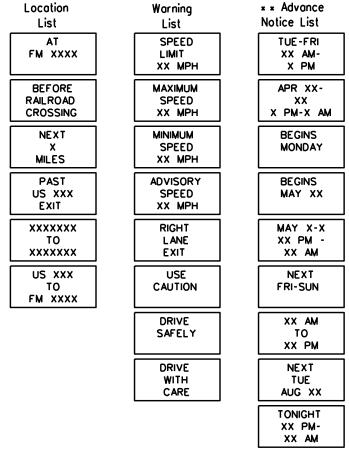
- 1. When Full Matrix PCMS signs are used, the character height and legibility/visibility requirements shall be maintained as listed in Note 15 under "PORTABLE CHANGEABLE MESSAGE SIGNS" above.
- 2. When symbol signs, such as the "Flagger Symbol" (CW20-7) are represented graphically on the Full Matrix PCMS sign and, with the approval of the Engineer, it shall maintain the legibility/visibility requirement listed above
- 3. When symbol signs are represented graphically on the Full Matrix PCMS, they shall only supplement the use of the static sign represented, and shall not substitute for, or replace that sign.
- 4. A full matrix PCMS may be used to simulate a flashing arrow board provided it meets the visibility, flash rate and dimming requirements on BC(7), for the some size arrow.

SDATES SFILES

# designation . IH-number, US-number, SH-number, FM-number

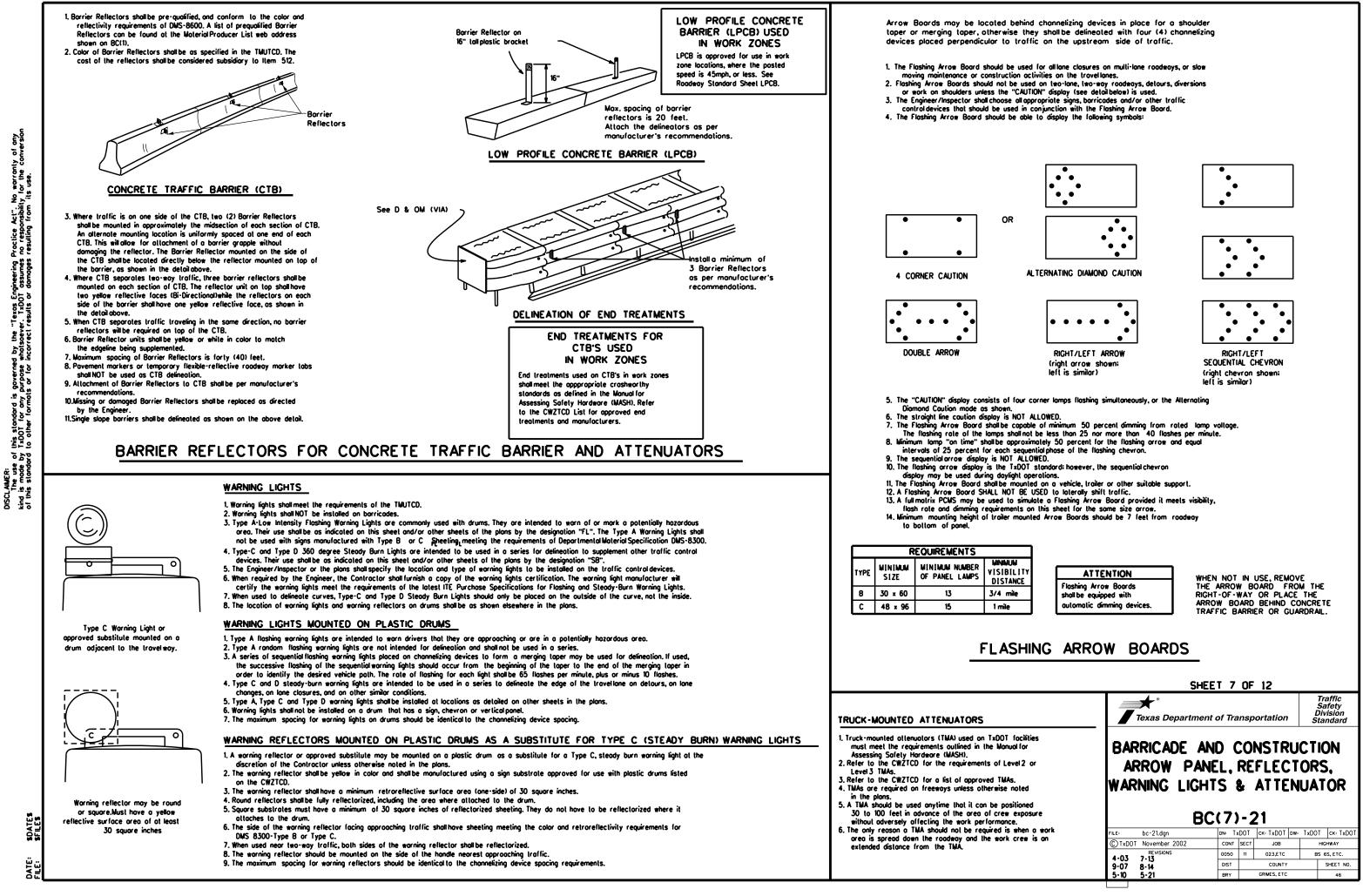
# RING ROADWORK ACTIVITIES

# Phase 2: Possible Component Lists



**x x** See Application Guidelines Note 6.

| SHEE   | t 6 OF                                  | 12                           |                    |                                   |
|--|---|------------------------------|--------------------|-----------------------------------|
| Texas Department of  | of Transp                               | ortation                     | Sa<br>Div          | affic<br>afety<br>/ision<br>ndard |
| BARRICADE ANI  |   |                              |                    | N                                 |
| <br>PORTABLE<br>MESSAGE  | -                                       |                              |                    |                                   |
| <br>MESSAGE  | -                                       | (PCMS                        |                    |                                   |
| <br>MESSAGE  | SIGN                                    | (PCMS<br>21                  |                    | ск: ТхDOT                         |
| <br>MESSAGE  | SIGN<br>(6)-2                           | (PCMS<br>21                  | TxDOT              | ck: TxDOT                         |
| <br>MESSAGE<br>BC  | SIGN<br>(6)-2                           | (РСМS<br>21<br>ск: ТхDOT рж: | TxDOT<br>HIC       |                                   |
| <br>ME SSAGE<br>BC<br>FILE: bc-21.dgn<br>© TxDOT November 2002 | SIGN<br>(6)-2<br>DN: TXDOT<br>CONT SECT | (PCMS<br>21<br>              | TxDOT<br>HIC<br>BS | GHWAY                             |



#### GENERAL NOTES

- 1. For long term stationary work zones on freeways, drums shall be used as the primory channelizing device.
- 2. For intermediate term stationary work zones on freeways, drums should be used as the primary channelizing device but may be replaced in tangent sections by vertical panels, or 42" two-piece cones. In tangent sections, one-piece cones may be used with the approval of the Engineer but only if personnel are present on the project at all times to maintain the cones in proper position and location.
- 3. For short term stationary work zones on freeways, drums are the preferred channelizing device but may be replaced in tapers, transitions and tangent sections by vertical panels, two-piece cones or one-piece cones as approved by the Engineer.
- 4. Drums and all related items shall comply with the requirements of the current version of the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD) and the "Compliant Work Zone Traffic Control Devices List" (CWZTCD)
- 5. Drums, bases, and related materials shall exhibit good workmanship and shall be free from objectionable marks or defects that would adversely affect their appearance or serviceability.
- 6. The Contractor shall have a maximum of 24 hours to replace any plastic drums identified for replacement by the Engineer/Inspector. The replacement device must be an approved device.

### GENERAL DESIGN REQUIREMENTS

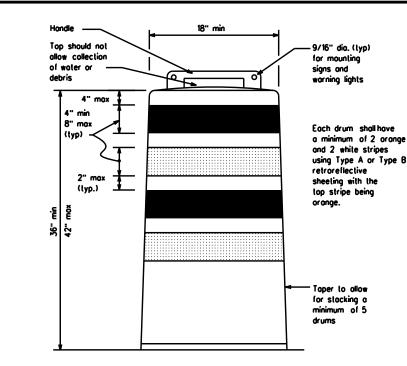
- Pre-qualified plastic drums shall meet the following requirements:
- 1. Plastic drums shall be a two-piece design; the "body" of the drum shall be the top portion and the "base" shall be the bottom.
- 2. The body and base shall lock together in such a manner that the body separates from the base when impacted by a vehicle traveling at a speed of 20 MPH or greater but prevents accidental separation due to normal handling and/or air lurbulence created by passing vehicles.
- 3. Plostic drums shall be constructed of lightweight flexible, and deformable materials. The Contractor shall NOT use metal drums or single piece plastic drums as channelization devices or sign supports.
- 4. Drums shall present a profile that is a minimum of 18 inches in width at the 36 inch height when viewed from any direction. The height of drum unit (body installed on base) shall be a minimum of 36 inches and a maximum of 42 inches.
- 5. The lop of the drum shall have a built-in handle for easy pickup and shall be designed to drain water and not collect debris. The handle shall have a minimum of two widely spaced 9/16 inch diameter holes to allow attachment of a warning light, warning reflector unit or approved compliant sign.
- 6. The exterior of the drum body shall have a minimum of four alternating orange and white retroreflective circumferential stripes not less than 4 inches nor greater than 8 inches in width. Any non-reflectorized space between any two adjacent stripes shall not exceed 2 inches in
- 7. Bases shall have a maximum width of 36 inches, a maximum height of 4 inches, and a minimum of two footholds of sufficient size to allow base to be held down while separating the drum body from the base.
- 8. Plastic drums shall be constructed of ultra-violet stabilized, orange, high-density polyethylene (HDPE) or other approved material. 9. Drum body shall have a maximum unballasted weight of 11 lbs.
- 10.Drum and base shall be marked with manufacturer's name and model number.

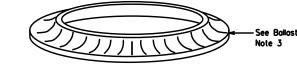
## RETROREFLECTIVE SHEETING

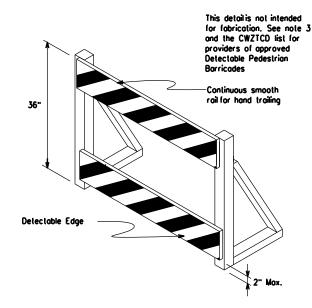
- 1. The stripes used on drums shall be constructed of sheeting meeting the color and retrorellectivity requirements of Deportune tal Materials Specification DMS-8300, "Sign Face Materials." Type A or Type B reflective sheeting shall be supplied unless otherwise specified in the plans.
- 2. The sheeting shall be suitable for use on and shall adhere to the drum surface such that, upon vehicular impact, the sheeting shall remain adhered in place and exhibit no delaminating, cracking, or loss of retroreflectivity other than that loss due to abrasion of the sheeting surface.

#### BALLAST

- 1. Unballasted bases shall be large enough to hold up to 50 lbs. of sand. This base, when filled with the ballost material, should weigh between 35 lbs (minimum) and 50 lbs (maximum). The ballast may be sand in one to three sandbags separate from the base, sand in a sand-filled plastic base, or other ballasting devices as approved by the Engineer. Stacking of sandbags will be allowed, however height of sandbags above pavemen surface may not exceed 12 inches.
- 2. Bases with built-in ballast shall weigh between 40 lbs. and 50 lbs. Built-in ballast can be constructed of an integral crumb rubber base or a solid rubber base.
- 3. Recycled truck tire sidewalls may be used for ballast on drums approved for this type of ballast on the CWZTCD list.
- 4. The ballast shall not be heavy objects, water, or any material that would become hazardous to motorists, pedestrians, or workers when the drum is struck by a vehicle.
- 5. When used in regions susceptible to freezing, drums shall have drainage holes in the bottoms so that water will not collect and freeze becoming a hazard when struck by a vehicle.
- 6. Ballast shall not be placed on top of drums.
- 7. Adhesives may be used to secure base of drums to povement.

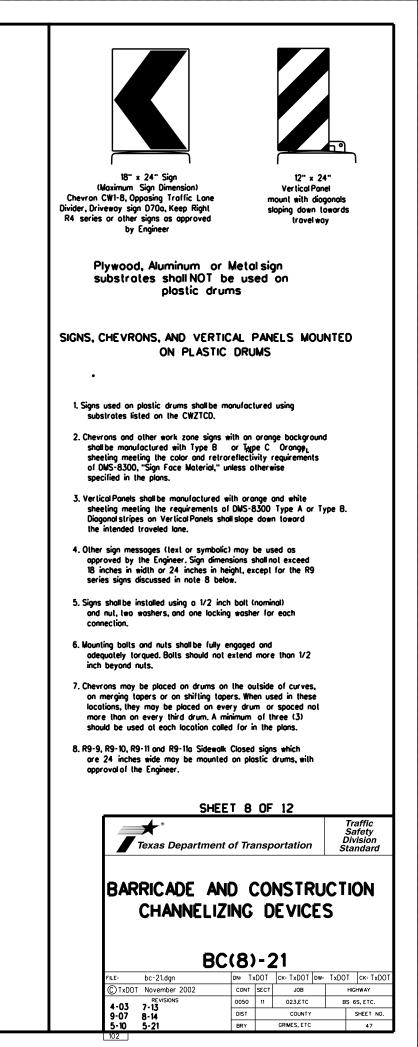


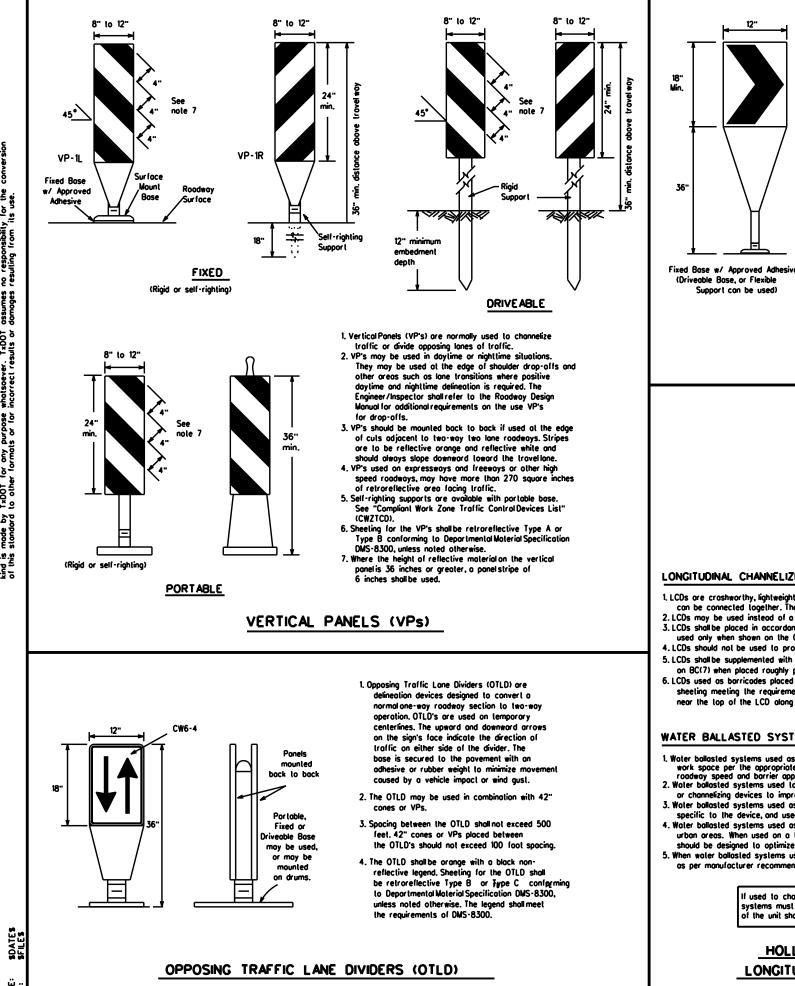




#### DETECTABLE PEDESTRIAN BARRICADES

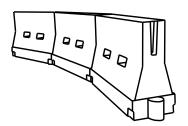
- 1. When existing pedestrian facilities are disrupted, closed, or relocated in a TTC zone, the temporary facilities shall be detectable and include accessibility features consistent with the features present in the existing pedestrian facility. Refer to WZ(BTS-2) for Pedestrian Control requirements for Sidewalk Diversions, Sidewalk Detours and Crosswalk Closures.
- 2. Where pedestrians with visual disabilities normally use the closed sidewalk, a Detectable Pedestrian Barricade shall be placed across the full width of the closed sidewalk instead of a Type 3 Barricade.
- 3. Detectable pedestrian barricades similar to the one pictured above, longitudinal channelizing devices, some concrete barriers, and wood or chain link fencing with a continuous detectable edging can satisfactorily delineate a pedestrian
- 4. Tape, rope, or plastic chain strung between devices are not detectable, do not comply with the design standards in the "Americans with Disabilities Act Accessibility Guidelines (ADAAG)" and should not be used as a control for pedestrian movements.
- 5. Warning lights shall not be attached to detectable pedestrian barricades.
- 6. Detectable pedestrian barricades should use 8" nominal barricade rails as shown on BC(10) provided that the top rail provides a smooth continuous rail suitable for hand trailing with no splinters, burrs, or sharp edges.





- 1. The chevron shall be a vertical rectangle with a minimum size of 12 by 18 inches.
- 2. Chevrons are intended to give notice of a sharp change of alignment with the direction of travel and provide additional emphasis and guidance for vehicle operators with regard to changes in horizontal alignment of the roadway.
- 3. Chevrons, when used, shall be erected on the outside of a sharp curve or lurn, or on the far side of an intersection. They shall be in line with and at right angles to approaching traffic. Spocing should be such that the motorist always has three in view, until the change in alignment eliminates its need.
- 4. To be effective, the chevron should be visible for at least 500 feet.
- 5. Chevrons shall be orange with a black nonreflective legend. Sheeting for the chevron shall be retroreflective Type B or Aype C conforming to Departmental Material Specification DMS-8300, unless noted otherwise. The legend shall meet the requirements of DMS-8300.
- 6. For Long Term Stalionary use on tapers or transitions on freeways and divided highways, self-righting chevrons may be used to supplement plastic drums but not to replace plastic drums.

**CHEVRONS** 



#### LONGITUDINAL CHANNELIZING DEVICES (LCD)

- LCDs are crashworthy, lightweight, deformable devices that are highly visible, have good target value and can be connected together. They are not designed to contain or redirect a vehicle on impact. 2. LCDs may be used instead of a line of cones or drums.
- 3. LCDs shall be placed in accordance to application and installation requirements specific to the device, and used only when shown on the CWZTCD list.
- 4. LCDs should not be used to provide positive protection for obstacles, pedestrians or workers.
- 5. LCDs shall be supplemented with retroreflective delineation as required for temporary barriers on BC(7) when placed roughly parallel to the travellanes.
- 6. LCDs used as barricades placed perpendicular to traffic should have at least one row of reflective sheeting meeting the requirements for barricade rails as shown on BC(10). Place reflective sheeting near the top of the LCD along the full length of the device.

## WATER BALLASTED SYSTEMS USED AS BARRIERS

- Water ballasted systems used as barriers shall not be used solely to channelize road users, but also to protect the work space per the appropriate Manual for Assessing Safety Hardware (MASH) crashworthiness requirements based on roadway speed and barrier application.
- 2. Water ballosted systems used to channelize vehicular traffic shall be supplemented with retroreflective delineation or channelizing devices to improve daytime/nighttime visibility. They may also be supplemented with povement markings. 3. Water ballasted systems used as barriers shall be placed in accordance to application and installation requirements
- specific to the device, and used only when shown on the CWZTCD list. 4. Water ballasted systems used as barriers should not be used for a merging laper except in low speed (less than 45 MPH)
- urban areas. When used on a laper in a low speed urban area, the laper shall be delineated and the laper length should be designed to optimize road user operations considering the available geometric conditions.
- 5. When water ballasted systems used as barriers have blunt ends exposed to traffic, they should be attenuated as per manufacturer recommendations or flared to a point outside the clear zone.

If used to channelize pedestrians, longitudinal channelizing devices or water ballasted systems must have a continuous detectable bottom for users of long canes and the top I the unit shall not be less than 32 inches in height.

HOLLOW OR WATER BALLASTED SYSTEMS USED AS LONGITUDINAL CHANNELIZING DEVICES OR BARRIERS

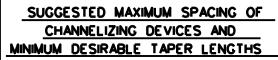
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#### GENERAL NOTES

- 1. Work Zone channelizing devices illustrated on this sheet may be installed in close proximity to traffic and are suitable for use on high or low speed roodways. The Engineer/Inspector shall ensure that spacing and placement is uniform and in accordance with the "Texas Manualon Uniform Traffic Control Devices" (TMUTCD).
- 2. Channelizing devices shown on this sheet may have a driveable, fixed or portable base. The requirement for self-righting channelizing devices must be specified in the General Notes or other plan sheets.
- 3. Channelizing devices on self-righting supports should be used in work zone oreos where channelizing devices are frequently impacted by erront vehicles or vehicle related wind gusts making alignment of the channelizing devices difficult to maintain. Locations of these devices shall be detailed elsewhere in the plans. These devices shall conform to the TMUTCD and the "Compliant Work Zone Traffic Control Devices List" (CWZTCD).
- 4. The Contractor shall maintain devices in a clean condition and replace damaged, nonreflective, foded, or broken devices and bases as required by the Engineer/Inspector. The Contractor shall be required to maintain proper device spocing and alignment.
- 5. Portable bases shall be fabricated from virgin and/or recycled rubber. The portable bases shall weigh a minimum of 30 lbs.
- 6. Pavement surfaces shall be prepared in a manner that ensures proper bonding between the odhesives, the fixed mount bases and the pavement surface. Adhesives shall be prepared and applied according to the manufacturer's
- 7. The installation and removal of channelizing devices shall not cause detrimental effects to the final povement surfaces, including povement surface discoloration or surface integrity. Driveable bases shall not be permitted on final pavement surfaces. The Engineer/Inspector shall approve all application and removal procedures of fixed bases.

| Posted<br>Speed | Formula                  | Minimum<br>Desiroble<br>Toper Lengths<br>x x |                           |               | Suggested<br>Spocing<br>Channeli<br>Devi | g of<br>zing     |
|-----------------|--------------------------|--|---------------------------|---------------|--|------------------|
|                 |                          | 10°<br>Offset                                | 11 <sup>.</sup><br>Offset | 12°<br>Offsel | On a<br>Taper                            | On a<br>Tangent  |
| 30              |                          | 150'   | 165'                      | 180'          | 30'                                      | 60'              |
| 35              | L. <u>WS<sup>2</sup></u> | 205'   | 225'                      | 245           | 35'                                      | 70'              |
| 40              | 00                       | 265'   | 295'                      | 320'          | 40'                                      | 80'              |
| 45              |                          | 450'   | 495'                      | 540'          | 45'                                      | 90.              |
| 50              |                          | 500 <sup>.</sup>                             | 550'                      | 600'          | 50'                                      | 100'             |
| 55              | L-WS                     | 550'   | 605'                      | 660           | 55'                                      | 110 <sup>.</sup> |
| 60              | ] - "3                   | 600 <sup>.</sup>                             | 660'                      | 720'          | 60 <sup>.</sup>                          | 120'             |
| 65              | ]                        | 650'   | 715'                      | 780'          | 65'                                      | 130'             |
| 70              | ]                        | 700'   | 770'                      | 840'          | 70'                                      | 140'             |
| 75              | ]                        | 750'   | 825'                      | 900.          | 75'                                      | 150 <sup>.</sup> |
| 80              |                          | 800 <sup>.</sup>                             | 880'                      | 960'          | 80'                                      | 160'             |

**x x** Toper lengths have been rounded off. L-Length of Taper (FT.) W-Width of Offset (FT.) S-Posted Speed (MPH)

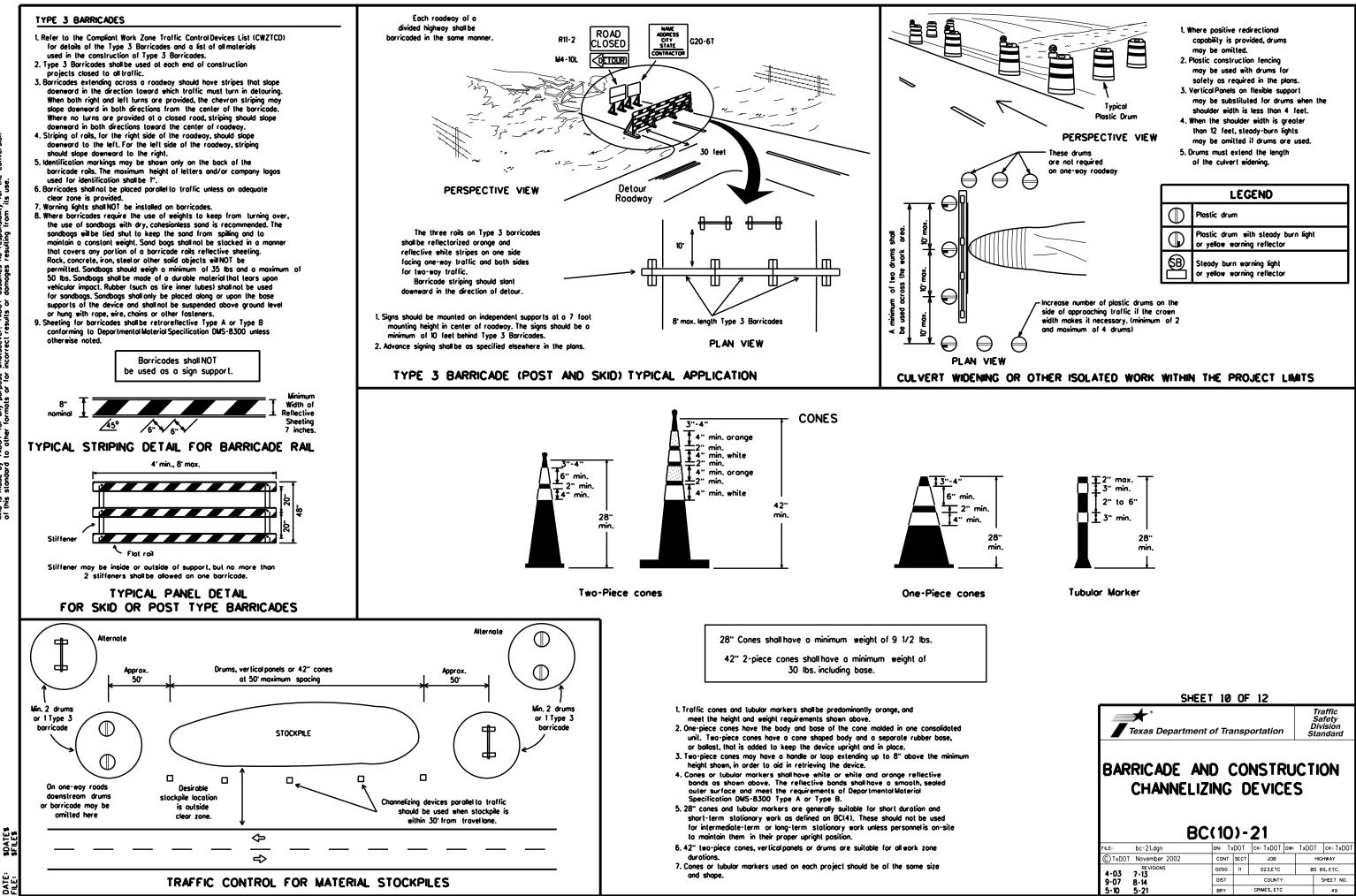


| SHEET 9 OF 12                      |   |
|------------------------------------|---|
| Texas Department of Transportation | Traffic<br>Safety<br>Division<br>Standard |
|                                    |   |

# BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES

| BC(9) | -21 |
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| © ⊺xDOT | November 2002     | CONT   | SECT | JOB         |         | HIGHWAY     |
| 4-03    | REVISIONS<br>7-13 | 0050   | 11   | 023,ETC     | E       | IS 65, ETC. |
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| CHANNE    | LIZIN | G DEVICES    |

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|           | 8-14          |  | DIST   |      | COUNTY      |     |       | SHEET NO. |
| 5-10      | 5-21          |  | BRY    |      | GRIMES, ETC |     |       | 49        |
| 104       |               |  |        |      |             |     |       |           |

## WORK ZONE PAVEMENT MARKINGS

#### GENERAL

- 1. The Contractor shall be responsible for maintaining work zone and existing pavement markings, in accordance with the standard specifications and special provisions, on all roadways open to traffic within the CSJ limits unless otherwise stated in the plans.
- 2. Color, patterns and dimensions shall be in conformance with the "Texos Monual on Uniform Traffic Control Devices" (TMUTCD).
- 3. Additional supplemental pavement marking details may be found in the plans or specifications.
- 4. Pavement markings shall be installed in accordance with the TMUTCD and as shown on the plans.
- 5. When short term markings are required on the plans, short term markings shall conform with the TMUTCD, the plans and details as shown on the Standard Plan Sheet WZ(STPW).
- 6. When standard pavement markings are not in place and the roadway is opened to traffic, DO NOT PASS signs shall be erected to mark the beginning of the sections where passing is prohibited and PASS WITH CARE signs at the beginning of sections where passing is permitted.
- 7. All work zone povement markings shall be installed in accordance with Item 662, "Work Zone Povement Markings."

#### RAISED PAVEMENT MARKERS

- 1. Raised pavement markers are to be placed according to the patterns on BC(12).
- 2. All raised pavement markers used for work zone markings shall meet the requirements of Item 672, "RAISED PAVEMENT MARKERS" and Departmental Material Specification DMS-4200 or DMS-4300.

#### PREFABRICATED PAVEMENT MARKINGS

- 1. Removable prefabricated pavement markings shall meet the requirements of DMS-8241.
- 2. Non-removable prefabricated pavement markings (foil back) shall meet the requirements of DMS-8240.

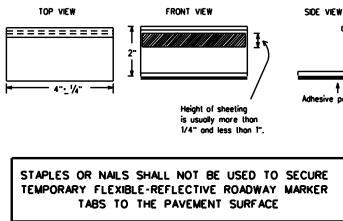
#### MAINTAINING WORK ZONE PAVEMENT MARKINGS

- 1. The Contractor will be responsible for maintaining work zone pavement markings within the work limits.
- 2. Work zone pavement markings shall be inspected in accordance with the frequency and reporting requirements of work zone traffic control device inspections as required by Form 599.
- 3. The markings should provide a visible reference for a minimum distance of 300 feet during normal daylight hours and 160 feet when illuminated by automobile low-beam headlights at night, unless sight distance is restricted by roadway geometrics.
- 4. Markings failing to meet this criteria within the first 30 days after placement shall be replaced at the expense of the Contractor as per Specification Item 662.

#### REMOVAL OF PAVEMENT MARKINGS

- 1. Pavement markings that are no longer applicable, could create confusion or direct a motorist toward or into the closed portion of the roadway shall be removed or obliterated before the roadway is opened to traffic.
- 2. The above shall not apply to detours in place for less than three days, where flaggers and/or sufficient channelizing devices are used in lieu of markings to outline the detour route.
- 3. Povement markings shall be removed to the fullest extent possible, so as not to leave a discernable marking. This shall be by any method approved by TxDOT Specification Item 677 for "Eliminating Existing Povement Markings and Markers".
- 4. The removal of pavement markings may require resurfacing or seal coating portions of the roadway as described in Item 677.
- 5. Subject to the approval of the Engineer, any method that proves to be successful on a particular type pavement may be used.
- 6. Blast cleaning may be used but will not be required unless specifically shown in the plans.
- 7. Over-painting of the markings SHALL NOT BE permitted.
- 8. Removal of raised pavement markers shall be as directed by the
- 9. Removal of existing pavement markings and markers will be paid for directly in accordance with Item 677, "ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS," unless otherwise stated in the plans.
- 10.Block-out marking tape may be used to cover conflicting existing markings for periods less than two weeks when approved by the Engineer.





- 1. Temporary flexible-reflective roadway marker tabs used as guidemarks shall meet the requirements of DMS-8242.
- 2. Tabs detailed on this sheet are to be inspected and accepted by the Engineer or designated representative. Sampling and testing is not normally required, however at the option of the Engineer, either "A" or "B" below may be imposed to assure quality before placement on the roadway.
  - A Select five (5) or more tabs at random from each lot or shipment and submit to the Construction Division, Materials and Pavement Section to determine specification compliance.
  - B. Select five (5) tabs and perform the following test. Affix five (5) tabs at 24 inch intervals on an asphaltic povement in a straight line. Using a medium size passenger vehicle or pickup, run over the markers with the front and rear tires at a speed of 35 to 40 miles per hour, four (4) times in each direction. No more than one (1) out of the five (5) reflective surfaces shall be lost or displaced as a result of this test.

3. Small design variances may be noted between tab manufacturers.

4. See Standard Sheet WZ(STPM) for tab placement on new pavements. See Standard Sheet TCP(7-1) for tab placement on seal coat work.

#### RAISED PAVEMENT MARKERS USED AS GUIDEMARKS

- 1. Raised povement markers used as guidemarks shall be from the approved product list, and meet the requirements of DMS-4200.
- 2. All temporary construction raised pavement markers provided on a project shall be of the same manufacturer.
- 3. Adhesive for guidemarks shall be bituminous material hot applied or butylrubber pod for all surfaces, or thermoplastic for concrete surfaces

Guidemarks shall be designated as:

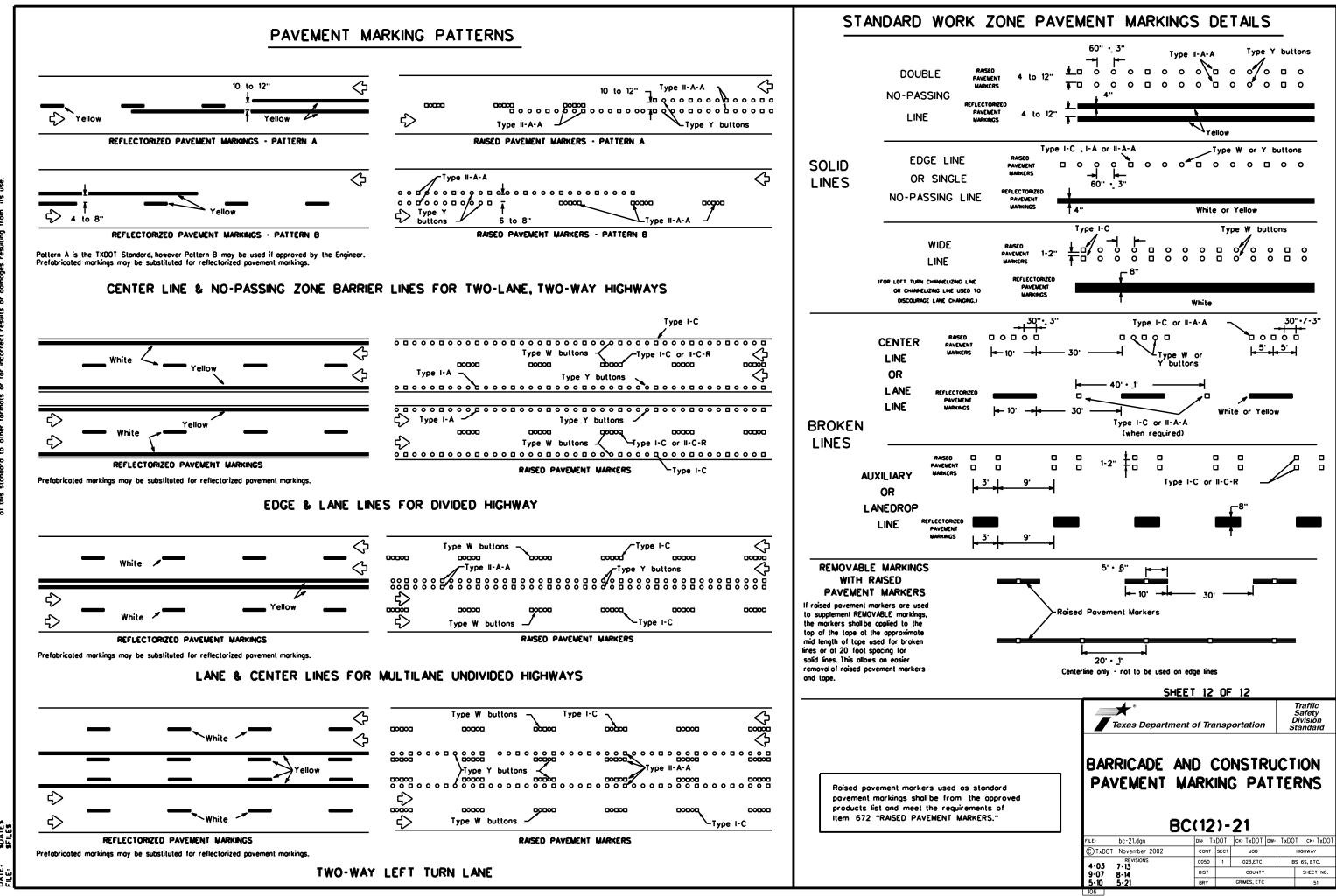
YELLOW - (Iwo amber reflective surfaces with yellow body). WHITE - (one silver reflective surface with white body).

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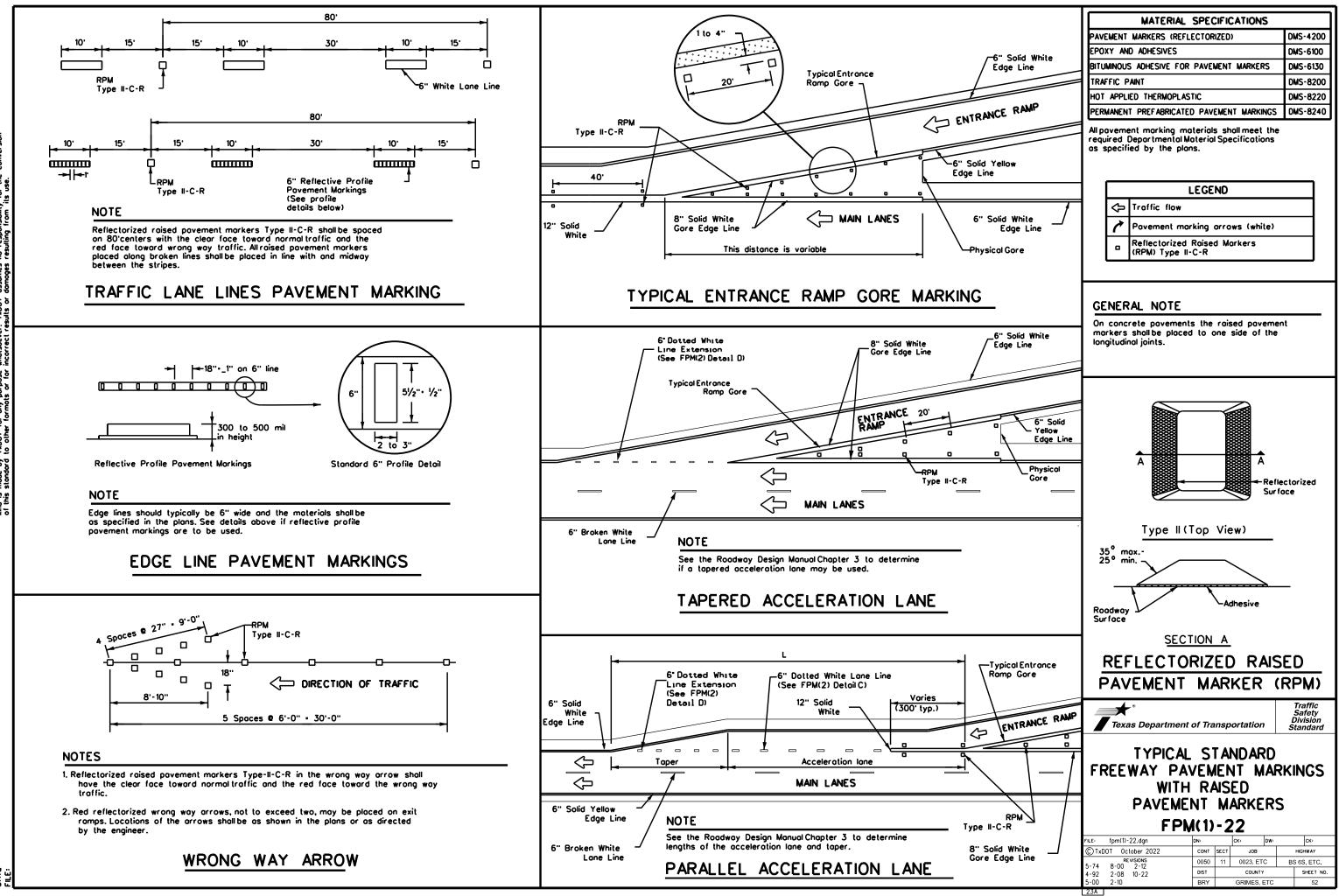
| DEPARTMENTAL MATERIAL SPECIFICATIONS                    |          |
|---|----------|
| PAVEMENT MARKERS (REFLECTORIZED)                        | DMS-4200 |
| TRAFFIC BUTTONS   | DMS-4300 |
| EPOXY AND ADHESIVES                                     | DMS-6100 |
| BITUMINOUS ADHESIVE FOR PAVEMENT MARKERS                | DMS-6130 |
| PERMANENT PREFABRICATED PAVEMENT MARKINGS               | DMS-8240 |
| TEMPORARY REMOVABLE, PREFABRICATED<br>PAVEMENT MARKINGS | DMS-8241 |
| TEMPORARY FLEXIBLE, REFLECTIVE<br>ROADWAY MARKER TABS   | DMS-8242 |

A list of pregualified reflective raised pavement markers. non-reflective traffic buttons, roadway marker tabs and other pavement markings can be found at the Material Producer List web address shown on BC(1).

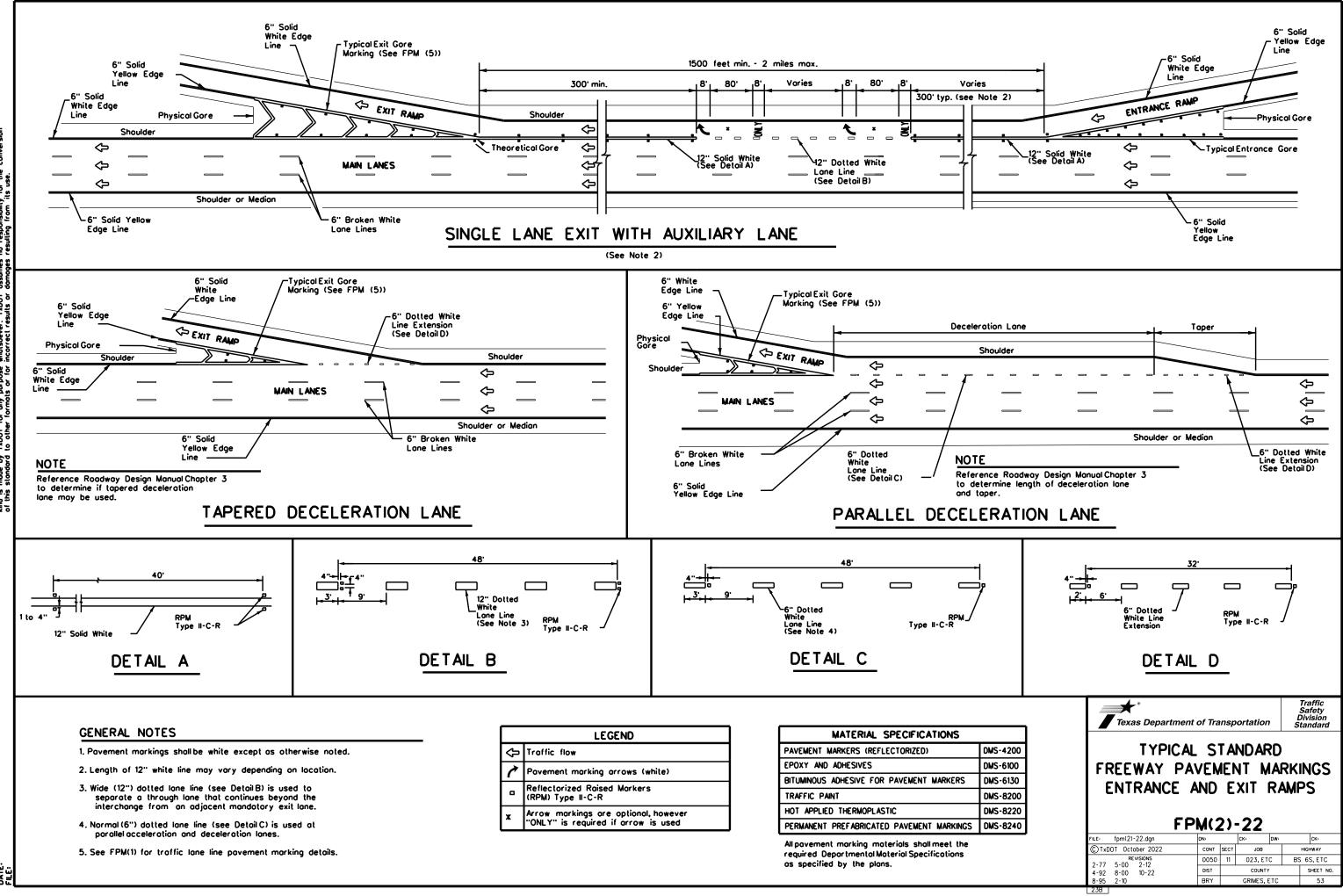
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| BARRICADE AND CONSTRUCTION<br>PAVEMENT MARKINGS<br>BC(11)-21 |        |      |             |     |      |            |                                 |
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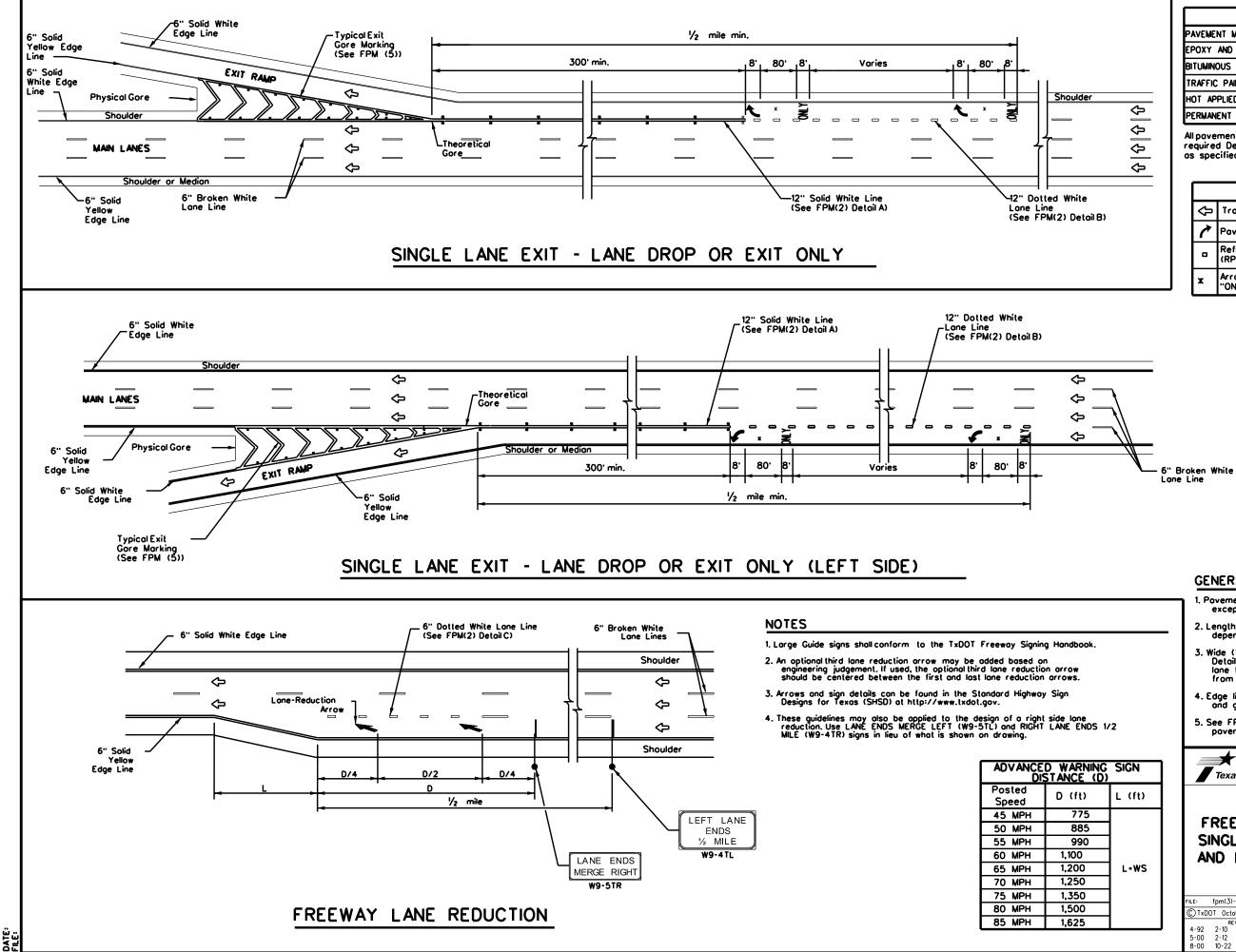


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| MATERIAL SPECIFICATIONS                   |          |  |  |  |
|---|----------|--|--|--|
| PAVEMENT MARKERS (REFLECTORIZED)          | DMS-4200 |  |  |  |
| EPOXY AND ADHESIVES                       | DMS-6100 |  |  |  |
| BITUMINOUS ADHESIVE FOR PAVEMENT MARKERS  | DMS-6130 |  |  |  |
| TRAFFIC PAINT                             | DMS-8200 |  |  |  |
| HOT APPLIED THERMOPLASTIC                 | DMS-8220 |  |  |  |
| PERMANENT PREFABRICATED PAVEMENT MARKINGS | DMS-8240 |  |  |  |

All pavement marking materials shall meet the required Departmental Material Specifications as specified by the plans.

|   | LEGEND  |  |  |  |  |  |
|---|---|--|--|--|--|--|
| Ŷ | Traffic flow  |  |  |  |  |  |
| 1 | Pavement marking arrows (white)   |  |  |  |  |  |
| ۰ | Reflectorized Raised Markers<br>(RPM) Type II-C-R                           |  |  |  |  |  |
| x | Arrow markings are optional, however<br>"ONLY" is required if arrow is used |  |  |  |  |  |

## GENERAL NOTES

- Povement markings shall be white except as otherwise noted.
- 2. Length of 12" white line may vary depending on location.
- Wide (12") dotted lane line (see FPM(2) Detail B) is used to separate a through lane that continues beyond the interchange from an adjacent mandatory exit lane.
- Edge lines are not required in curb and gutter sections of frontage roads.
- 5. See FPM(1) for traffic lane line povement morking details.

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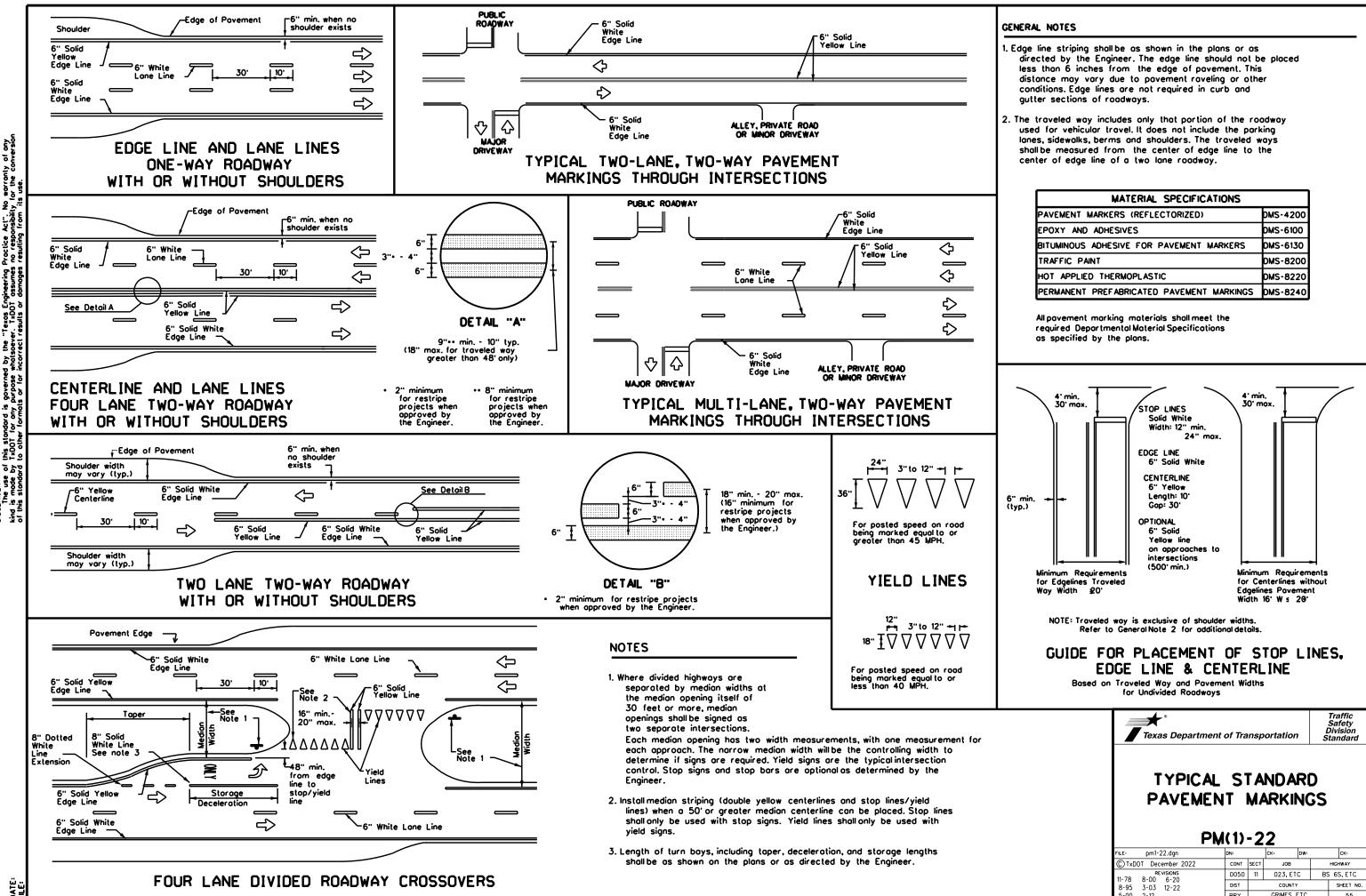
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ITPICAL STANUARU FREEWAY PAVEMENT MARKINGS SINGLE LANE DROP(EXIT ONLY) AND LANE REDUCTION DETAILS

Traffic Safety Division Standard

| FPM(3)-22                           |      |      |              |     |            |  |  |
|-------------------------------------|------|------|--------------|-----|------------|--|--|
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| CTxDOT October 2022                 | CONT | SECT | JOB          |     | HIGHWAY    |  |  |
| REVISIONS<br>4-92 2-10              | 0050 | 49   | 023, ETC. BS |     | 5 6S, ETC. |  |  |
| 5-00 2-12                           | DIST |      | COUNTY       |     | SHEET NO.  |  |  |
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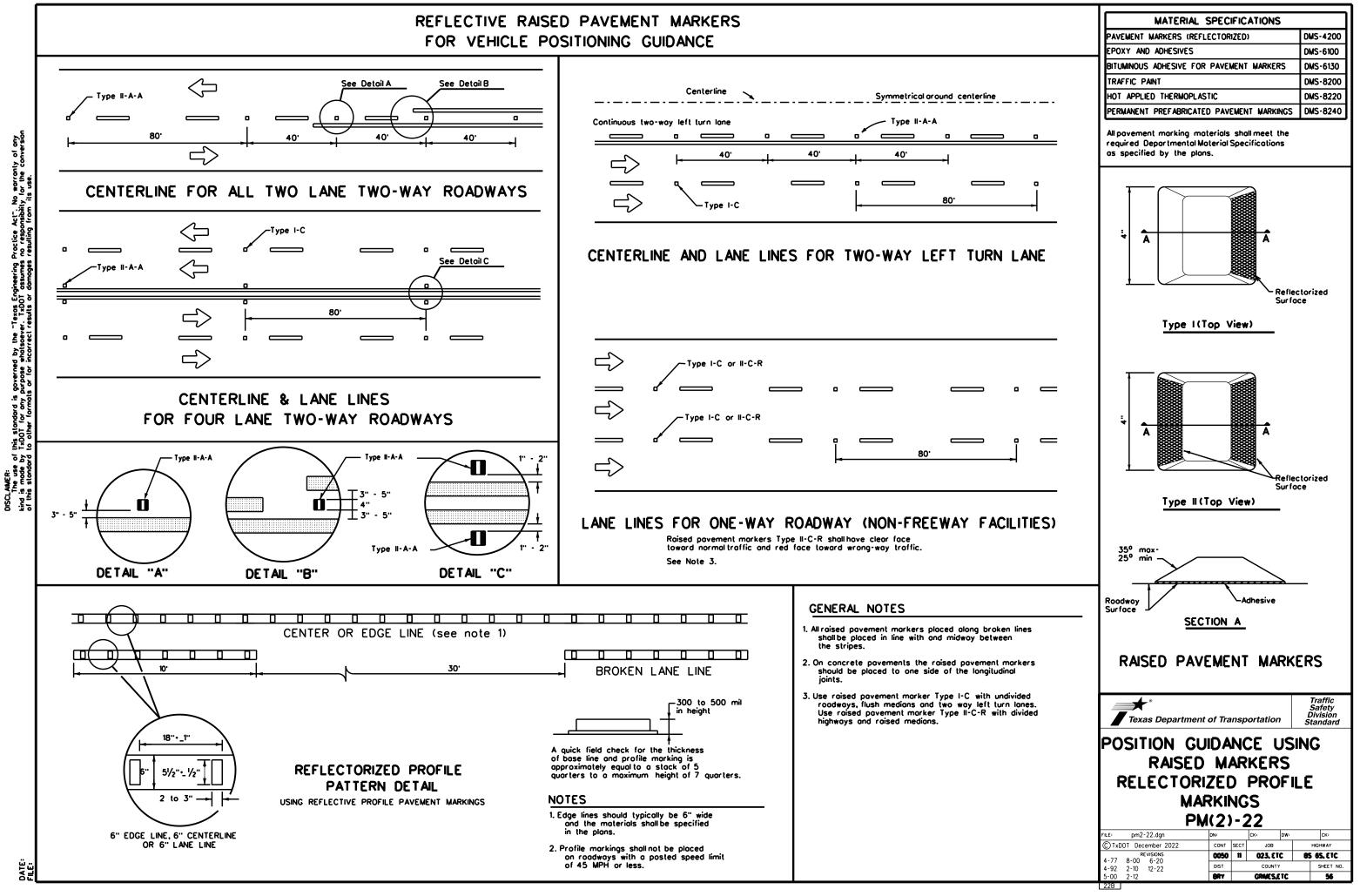


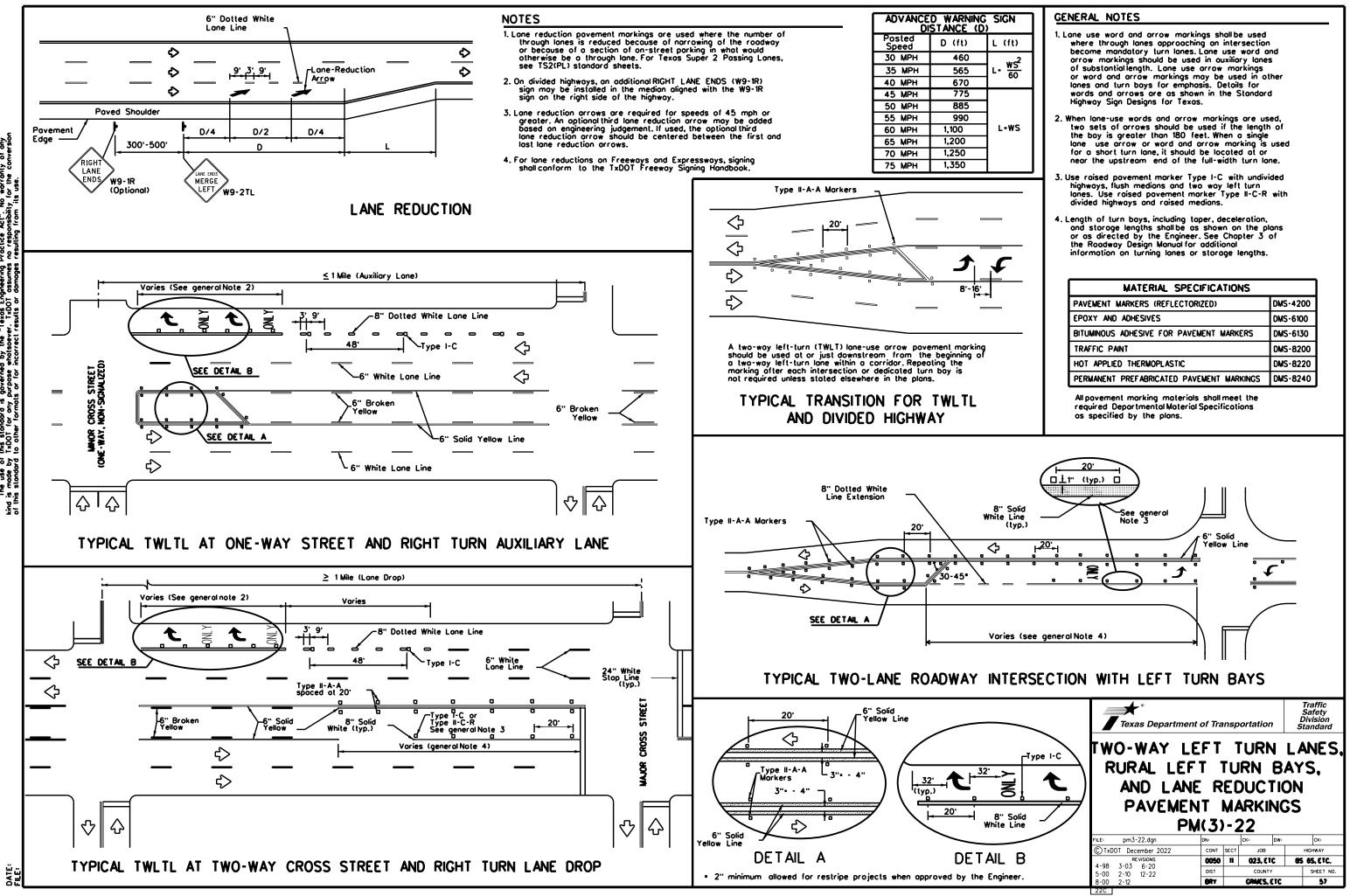
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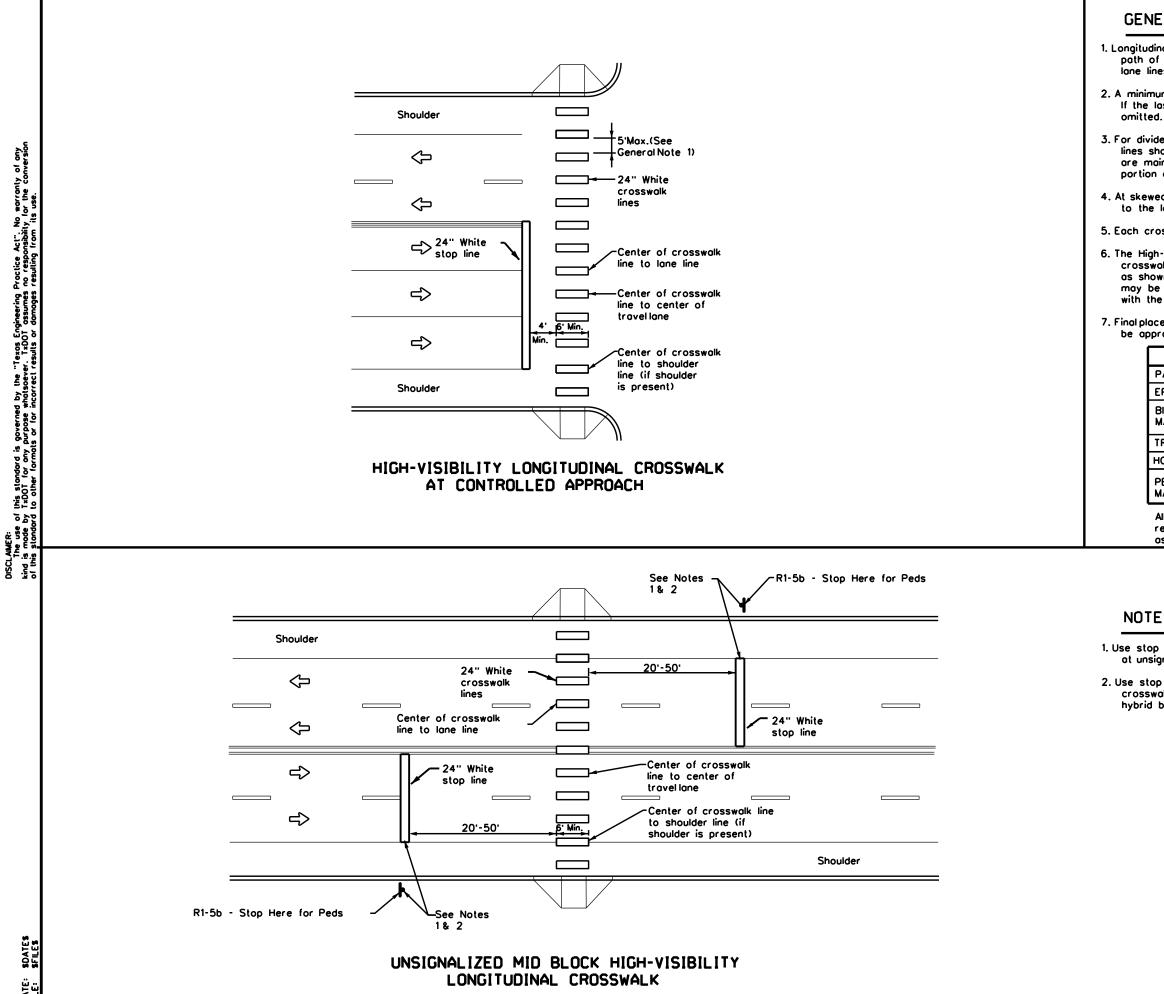
| MATERIAL SPECIFICATIONS                   |          |  |  |  |
|---|----------|--|--|--|
| PAVEMENT MARKERS (REFLECTORIZED)          | DMS-4200 |  |  |  |
| EPOXY AND ADHESIVES                       | DMS-6100 |  |  |  |
| BITUMINOUS ADHESIVE FOR PAVEMENT MARKERS  | DMS-6130 |  |  |  |
| TRAFFIC PAINT                             | DMS-8200 |  |  |  |
| HOT APPLIED THERMOPLASTIC                 | DMS-8220 |  |  |  |
| PERMANENT PREFABRICATED PAVEMENT MARKINGS | DMS-8240 |  |  |  |

|                              | • • • | _    | -         |      |           |
|------------------------------|-------|------|-----------|------|-----------|
| FILE: pm1-22.dgn             | DN:   |      | ск:       | DW:  | Ск:       |
| © TxDOT December 2022        | CONT  | SECT | JOB       |      | HIGHWAY   |
| REVISIONS<br>11-78 8-00 6-20 | 0050  | 11   | 023, ET   | C BS | S 6S, ETC |
| 8-95 3-03 12-22              | DIST  |      | COUNTY    |      | SHEET NO. |
| 5-00 2-12                    | BRY   |      | GRIMES, E | TC   | 55        |
| 22A                          |       |      |           |      |           |





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# GENERAL NOTES

1. Longitudinal crosswalk lines should not be placed in the wheel path of vehicles. Center the crosswalk lines on travellanes, lane lines, and shoulder lines (if present).

2. A minimum 6" clear distance shall be provided to the curb face. If the last crosswalk line falls into this distance it must be

3. For divided roadways, adjustments in spacing of the crosswalk lines should be made in the median so that the crosswalk lines are maintained in their proper location across the travel portion of the roadway.

4. At skewed crosswalks, the crosswalk lines are to remain parallel to the lone lines.

5. Each crosswalk shall be a minimum of 6' wide.

6. The High-Visibility Longitudinal Crosswalk is the preferred crosswalk pattern on State Highways. Other crosswalk patterns as shown in the "Texas Manual on Uniform Traffic Control Devices" may be used. All crosswalk designs and dimension shall comply with the "Texas Manual on Uniform Traffic Control Devices."

7. Final placement of Stop Bar and Crosswalk shall be approved by the Engineer in the field.

| MATERIAL SPECIFICATIONS                      |          |  |  |  |
|--|----------|--|--|--|
| PAVEMENT MARKERS (REFLECTORIZED)             | DMS-4200 |  |  |  |
| EPOXY AND ADHESIVES                          | DMS-6100 |  |  |  |
| BITUMINOUS ADHESIVE FOR PAVEMENT<br>MARKERS  | DMS-6130 |  |  |  |
| TRAFFIC PAINT                                | DMS-8200 |  |  |  |
| HOT APPLIED THERMOPLASTIC                    | DMS-8220 |  |  |  |
| PERMANENT PREFABRICATED PAVEMENT<br>MARKINGS | DMS-8240 |  |  |  |

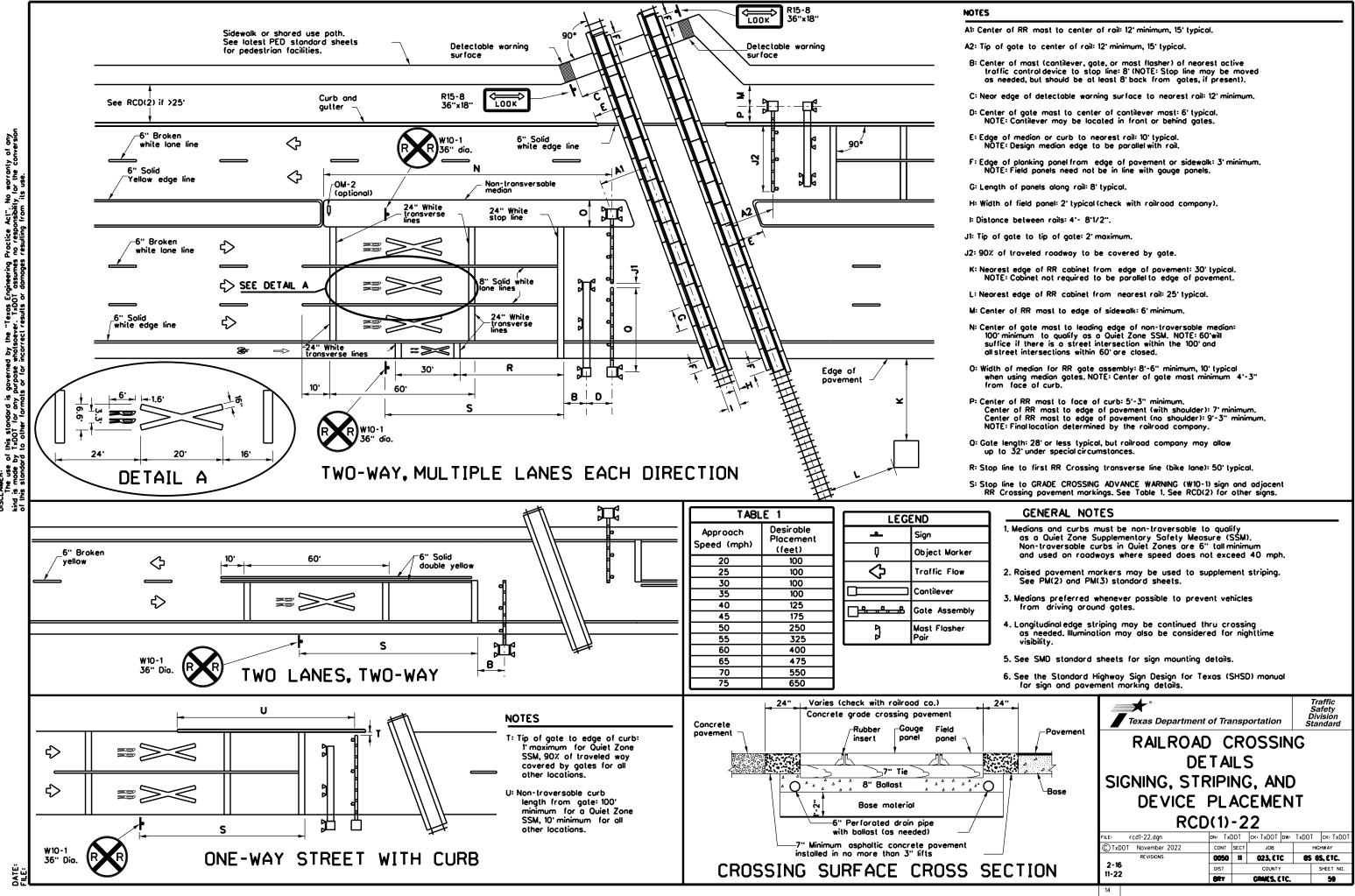
All povement marking materials shall meet the required Departmental Material Specifications as specified by the plans.

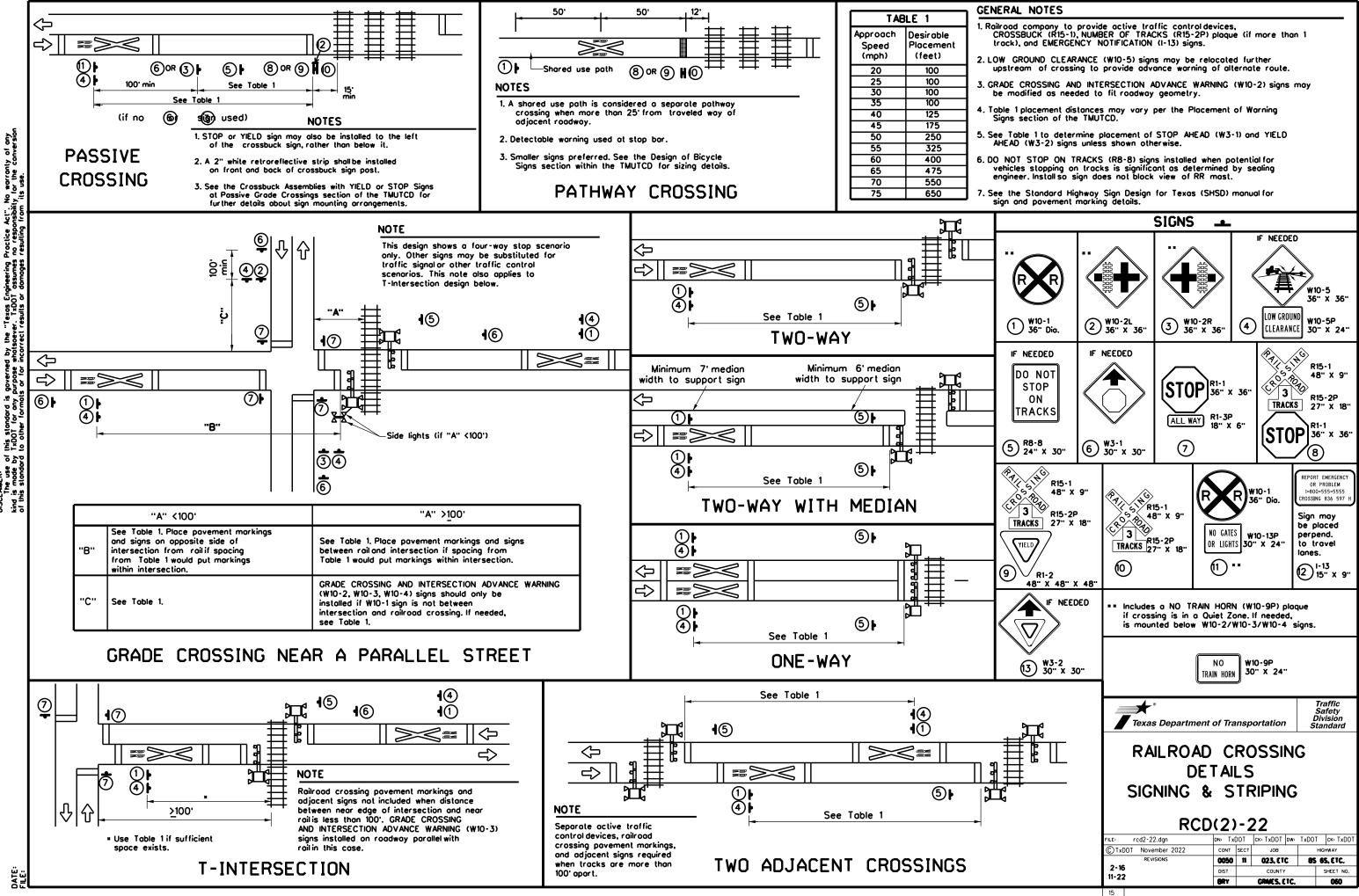
# NOTES:

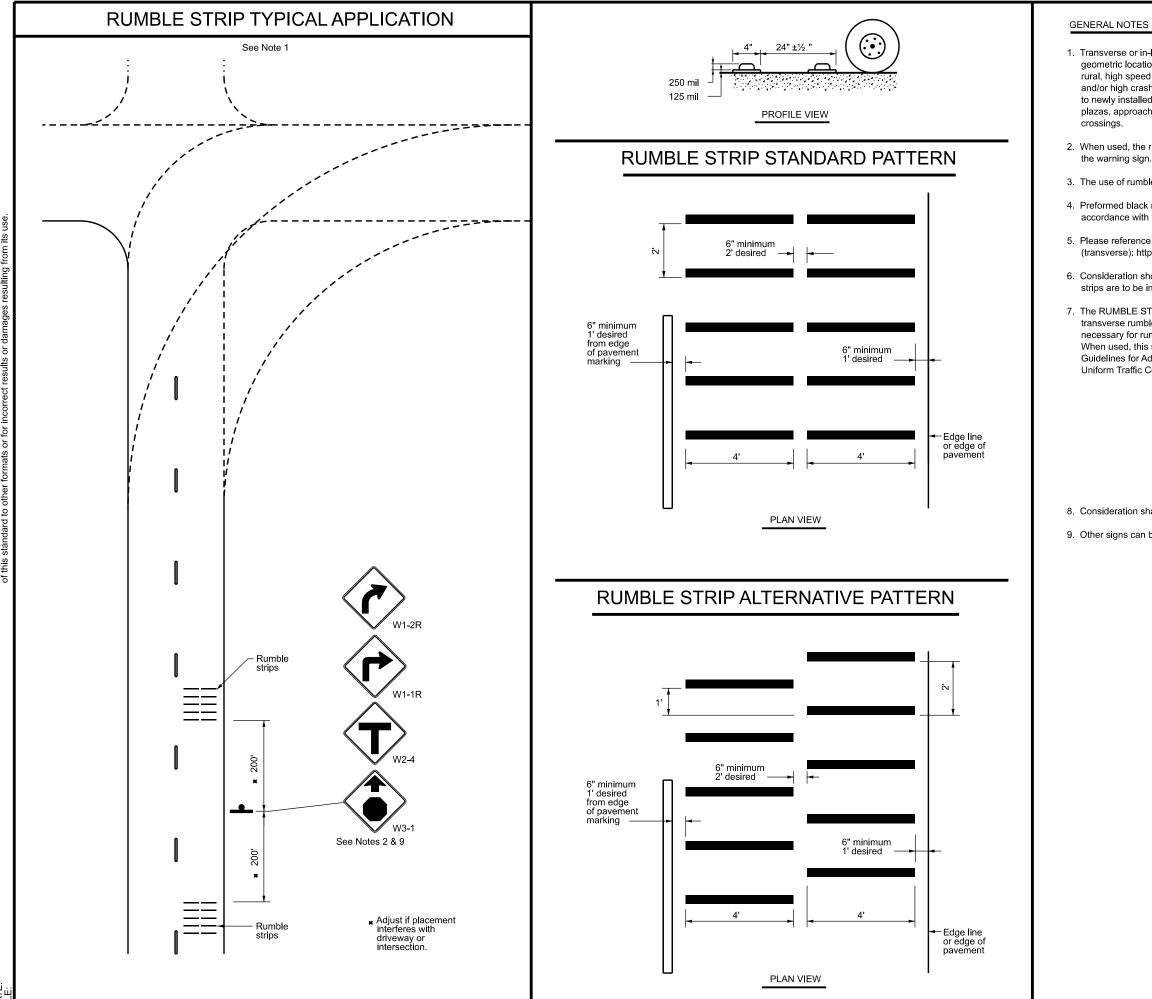
1. Use stop bars with "Stop Here for Pedestrians" signs at unsignalized mid block cross walks.

2. Use stop bars with "Stop Here on Red" signs at mid block crosswalks controlled by traffic signals or pedestrian hybrid beacons.

| Texas Departm                                      | nent of Tra  | nspo             | rtation            | Sa<br>Div    | affic<br>afety<br>/ision<br>ndard |
|--|--------------|------------------|--------------------|--------------|-----------------------------------|
| CI   | ROSS         | WA               | ΓK                 |              |                                   |
| PAVEM  | ENT I        | MA               | RKIN(              | SS           |                                   |
| ſ  | PM(4)        | )-2              | 2                  | GS           | 1-                                |
| FLE: pm4+22.dgn                                    | <b>PM(4)</b> | )-2              | 2<br>K: DW:        |              | Ск                                |
| File: pm4-22.dgn<br>© TxDOT June 2020              | PM(4)        | )-2              | 2                  |              | CK:<br>SHWAY                      |
| FILE: pm4-22.dgn<br>© TxDOT June 2020<br>REVISIONS | <b>PM(4)</b> | )-2              | 2<br>K: DW:        | ніс          |                                   |
| FILE: pm4-22.dgn<br>© TxDOT June 2020              | DN:<br>CONT  | <b>)-2</b><br>ст | 2<br>K: DW:<br>JOB | ніс<br>BS 69 | GHWAY                             |







No warranty of any rsibility for the conve Texas Engineering Practice Act" bever. TxDOT assumes no respon-tractific or damages resulting from DISCLAIMER: The use of this standard is governed by the kind is made by TXDOT for any purpose whats of this standard to other formats or for incorrec

1. Transverse or in-lane rumble strips should only be used at high incident and special geometric locations. These special geometric locations may include: approaches to rural, high speed signalized or stop-controlled intersections with sight restrictions and/or high crash rates, approaches to unexpected urban intersections, approaches to newly installed stop or signalized controlled intersections, approaches to toll plazas, approaches to hazardous horizontal curves, and approaches to railroad grade

2. When used, the rumble strips shall be placed 200 feet upstream and downstream of

3. The use of rumble strips should not be widespread or indiscriminate.

4. Preformed black raised rumble strips should be used. They should be installed in accordance with the manufacturer's recommendations.

5. Please reference the TxDOT Material Producers List for approved rumble strips (transverse): http://www.txdot.gov/

6. Consideration should be given to noise levels when in-lane or transverse rumble strips are to be installed near residential areas, schools, churches, etc.

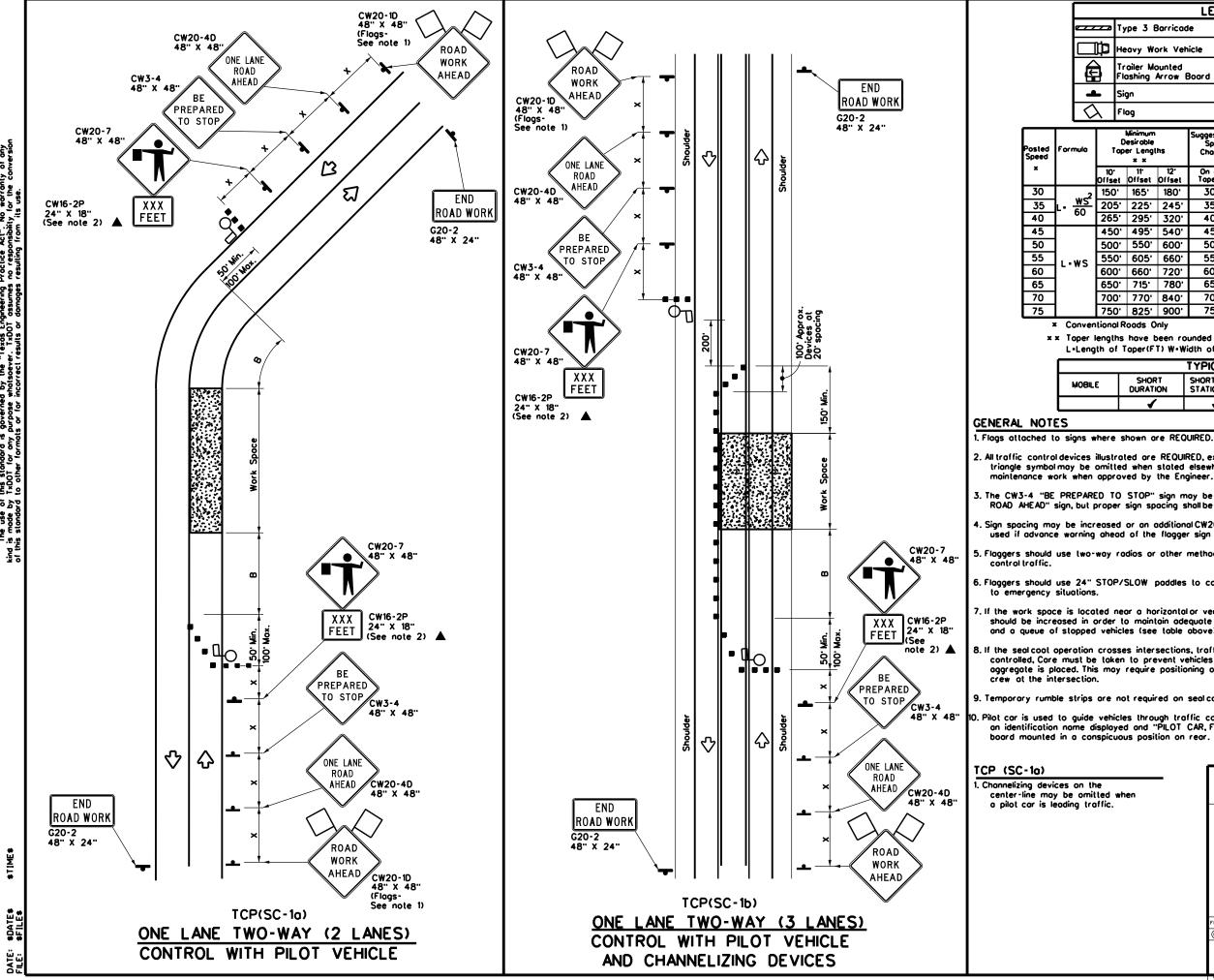
7. The RUMBLE STRIPS AHEAD (W17-2T) sign may be used in advance of in-lane or transverse rumble strips, based on engineering judgement. This sign is typically not necessary for rumble strip installations built to the guidelines on this standard sheet. When used, this sign should be spaced in advance of the rumble strips based on the Guidelines for Advance Placement of Warning Signs table of the Texas Manual on Uniform Traffic Control Devices.



8. Consideration shall be given to bicyclists. See RS(6).

9. Other signs can be used as conditions warrant.

| Texas Department                                      | of Tra | nsp  | ortation      | Sa<br>Div | affic<br>afety<br>vision<br>ndard |  |  |  |  |  |
|---|--------|------|---------------|-----------|-----------------------------------|--|--|--|--|--|
| TRANSVERSE<br>OR IN-LANE<br>RUMBLE STRIPS<br>RS(5)-23 |        |      |               |           |                                   |  |  |  |  |  |
| FILE: rs(5)-23.dgn                                    | DN: TX | DOT  | ск: TxDOT DW: | TxDOT     | ск:TxDOT                          |  |  |  |  |  |
| © TxDOT January 2023                                  | CONT   | SECT | JOB           | н         | GHWAY                             |  |  |  |  |  |
| 4-06 1-12 REVISIONS                                   | 0050   | 11   | 023, ETC.     | BS 6      | S, ETC.                           |  |  |  |  |  |
| 2-10  | DIST   |      | COUNTY        |           | SHEET NO.                         |  |  |  |  |  |
| 10-13   | BRY    |      | GRIMES, ETC.  |           | 61                                |  |  |  |  |  |
| 94  |        |      |               |           |                                   |  |  |  |  |  |



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|    | LEGEND                            |           |                         |                                   |           |        |  |  |  |  |  |
|----|-----------------------------------|-----------|-------------------------|-----------------------------------|-----------|--------|--|--|--|--|--|
|    | Type 3 Barricoa                   | de        |                         | Channelizing                      | g Devices |        |  |  |  |  |  |
| ]þ | Heavy Work Vel                    |           |                         | Truck Mounted<br>Attenuator (TMA) |           |        |  |  |  |  |  |
|    | Troiler Mounted<br>Flashing Arrow | M         | Portable C<br>Message S |                                   |           |        |  |  |  |  |  |
| •  | Sign                              |           | $\Diamond$              | Traffic Flo                       |           |        |  |  |  |  |  |
| λ  | Flog                              |           | ٩                       | Flagger                           |           |        |  |  |  |  |  |
|    | Minimum<br>Desirable              | Suggested |                         | Minimum                           | Successed | E. and |  |  |  |  |  |

|   |                           | er Lengi<br>x x           | lhs                       | Spocing<br>Channeli<br>Devi | zing            | Sign<br>Spocing<br>"X" | Suggested<br>Longitudinal<br>Buffer Space | Stopping<br>Sight<br>Distonce |  |
|---|---------------------------|---------------------------|---------------------------|-----------------------------|-----------------|------------------------|---|-------------------------------|--|
|   | 10 <sup>.</sup><br>Offset | 11 <sup>.</sup><br>Offset | 12 <sup>.</sup><br>Offset | On a<br>Taper               | On a<br>Tangent | Distance               | "8"                                       |                               |  |
| , | 150'                      | 165'                      | 180'                      | 30'                         | 60'             | 120'                   | 90'                                       | 200'                          |  |
| • | 205'                      | 225'                      | 245'                      | 35 <sup>.</sup>             | 70'             | 160'                   | 120'                                      | 250 <sup>.</sup>              |  |
|   | 265 <sup>.</sup>          | 295'                      | 320'                      | 40'                         | 80'             | 240'                   | 155'                                      | 305 <sup>.</sup>              |  |
|   | 450'                      | 495'                      | 540'                      | 45'                         | 90'             | 320'                   | 195'                                      | 360 <sup>.</sup>              |  |
|   | 500'                      | 550 <sup>.</sup>          | 600'                      | 50 <sup>.</sup>             | 100'            | 400'                   | 240'                                      | 425'                          |  |
|   | 550'                      | 605'                      | 660'                      | 55 <sup>.</sup>             | 110'            | 500'                   | 295'                                      | 495'                          |  |
|   | 600 <sup>.</sup>          | 660'                      | 720'                      | 60'                         | 120'            | 600 <sup>.</sup>       | 350'                                      | 570'                          |  |
|   | 650'                      | 715                       | 780'                      | 65'                         | 130'            | 700'                   | 4 10'                                     | 645'                          |  |
|   | 700'                      | 770                       | 840'                      | 70'                         | 140'            | 800'                   | 475'                                      | 730 <sup>.</sup>              |  |
|   | 750 <sup>.</sup>          | 825'                      | 900'                      | 75'                         | 150'            | 900.                   | 540'                                      | 820 <sup>.</sup>              |  |

Conventional Roads Only

**x x** Toper lengths have been rounded off.

L-Length of Taper(FT) W-Width of Offset(FT) S-Posted Speed(MPH)

| TYPICAL USAGE |                   |                          |                                 |                         |  |  |  |  |  |
|---------------|-------------------|--------------------------|---------------------------------|-------------------------|--|--|--|--|--|
| LE            | SHORT<br>DURATION | SHORT TERM<br>STATIONARY | INTERMEDIATE<br>TERM STATIONARY | LONG TERM<br>STATIONARY |  |  |  |  |  |
|               | 1                 | <b>√</b>                 |                                 |                         |  |  |  |  |  |

 All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work when approved by the Engineer.

3. The CW3-4 "BE PREPARED TO STOP" sign may be installed after the CW20-4D "ONE LANE ROAD AHEAD" sign, but proper sign spacing shall be maintained.

4. Sign spacing may be increased or an additional CW20-1D "ROAD WORK AHEAD" sign may be used if advance warning ahead of the flagger sign is less than 1500 feet.

Flaggers should use two-way radios or other methods of communication at all times to control traffic.

Flaggers should use 24" STOP/SLOW paddles to control traffic. Flags should be limited

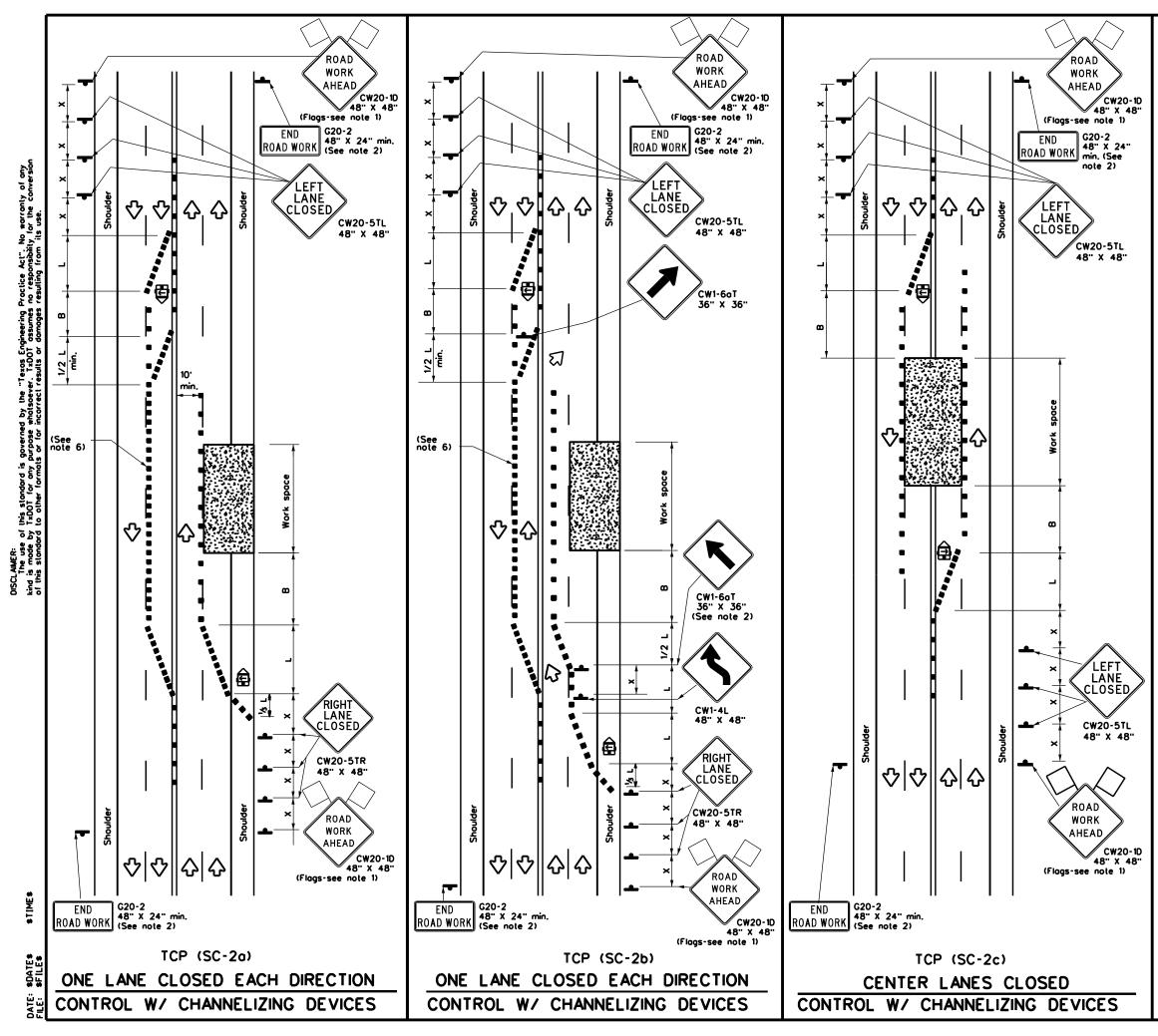
If the work space is located near a horizontalor vertical curve, the buffer distances should be increased in order to maintain adequate stopping sight distance to the flagger and a queue of stopped vehicles (see table above).

3. If the seal coat operation crosses intersections, traffic in these areas must be controlled, Care must be taken to prevent vehicles from crossing the asphalt before the aggregate is placed. This may require positioning other member of the traffic control

. Temporary rumble strips are not required on seal coat operations.

Pilot car is used to guide vehicles through traffic control zone, vehicle shall have an identification name displayed and "PILOT CAR, FOLLOW ME" (G20-4) sign or message board mounted in a conspicuous position on rear.

|              |                      | SHEET 1   | OF              | 7        |      |   |  |  |
|--------------|----------------------|---|-----------------|----------|------|---|--|--|
| e<br>ed when | Texas Depar          | rtment of Tra                                   | nsp             | ortation |      | Traffic<br>Safety<br>Division<br>Standard |  |  |
| ſſic.        |                      | TRAFFIC CONTROL PLAN<br>SEAL COAT<br>OPERATIONS |                 |          |      |   |  |  |
|              | ТС                   | P(SC-   | 1) -            | ·21      |      |   |  |  |
|              | FILE: tcpsc-1-21.dgn | DN:   |                 | ск: D    | w:   | CK:                                       |  |  |
|              | CTxDOT April 2021    | CONT  | SECT            | JOB      |      | HIGHWAY                                   |  |  |
|              | REVISIONS            | 0050  | 11              | 023, ETC | : BS | 6S, ETC.                                  |  |  |
|              |                      | DIST  |                 | COUNTY   |      | SHEET NO.                                 |  |  |
|              |                      | BRY   | BRY GRIMES, ETC |          |      | 62  |  |  |



|            | LEGEND                                  |            |  |  |  |  |  |  |  |  |
|------------|---|------------|--|--|--|--|--|--|--|--|
|            | Type 3 Borricode                        |            | Channelizing Devices                       |  |  |  |  |  |  |  |
|            | Heavy Work Vehicle                      |            | Truck Mounted<br>Attenuotor (TMA)          |  |  |  |  |  |  |  |
| Ð          | Trailer Mounted<br>Flashing Arrow Board |            | Portable Changeable<br>Message Sign (PCMS) |  |  |  |  |  |  |  |
| +          | Sign                                    | $\Diamond$ | Traffic Flow                               |  |  |  |  |  |  |  |
| $\Diamond$ | Flog                                    | ٩          | Flogger                                    |  |  |  |  |  |  |  |

| Posted<br>Speed | Formula                  | Desirable<br>Taper Lengths |                           |                           | Suggested<br>Spacing<br>Channeli<br>Devi | g of<br>zing    | Minimum<br>Sign<br>Spocing<br>Distance | Suggested<br>Longitudinal<br>Buffer Space |
|-----------------|--------------------------|----------------------------|---------------------------|---------------------------|--|-----------------|--|---|
| ×               |                          | 10 <sup>.</sup><br>Offset  | 11 <sup>.</sup><br>Offset | 12 <sup>.</sup><br>Offset | On a<br>Taper                            | On o<br>Tongent | "X"                                    | "8"                                       |
| 30              |                          | 150'                       | 165'                      | 180'                      | 30'                                      | 60'             | 120'                                   | 90.                                       |
| 35              | L. <u>WS<sup>2</sup></u> | 205'                       | 225'                      | 245'                      | 35'                                      | 70'             | 160'                                   | 120'                                      |
| 40              | 80                       | 265'                       | 295'                      | 320'                      | 40'                                      | 80'             | 240'                                   | 155'                                      |
| 45              |                          | 450'                       | 495'                      | 540'                      | 45'                                      | 90'             | 320'                                   | 195'                                      |
| 50              |                          | 500'                       | 550'                      | 600'                      | 50'                                      | 100'            | 400'                                   | 240'                                      |
| 55              |                          | 550'                       | 605'                      | 660'                      | 55'                                      | 110'            | 500'                                   | 295'                                      |
| 60              | L•WS                     | 600'                       | 660'                      | 720'                      | 60 <sup>.</sup>                          | 120'            | 600 <sup>.</sup>                       | 350'                                      |
| 65              | ]                        | 650'                       | 715'                      | 780'                      | 65'                                      | 130'            | 700'                                   | 4 10'                                     |
| 70              | ]                        | 700'                       | 770'                      | 840'                      | 70'                                      | 140'            | 800'                                   | 475'                                      |
| 75              |                          | 750'                       | 825'                      | 900'                      | 75'                                      | 150'            | 900'                                   | 540'                                      |

\* Conventional Roads Only

**x x** Toper lengths have been rounded off.

L - Length of Taper (FT) W - Width of Offset (FT)

S - Posted Speed (MPH)

| TYPICAL USAGE   |   |                       |  |  |  |  |  |  |
|---|---|-----------------------|--|--|--|--|--|--|
| MOBILE SHORT SHORT TERM INTERMEDIATE LON<br>DURATION STATIONARY TERM STATIONARY STA |   |                       |  |  |  |  |  |  |
|   | 1 | <ul> <li>✓</li> </ul> |  |  |  |  |  |  |

### GENERAL NOTES

1. Flags attached to signs where shown are REQUIRED.

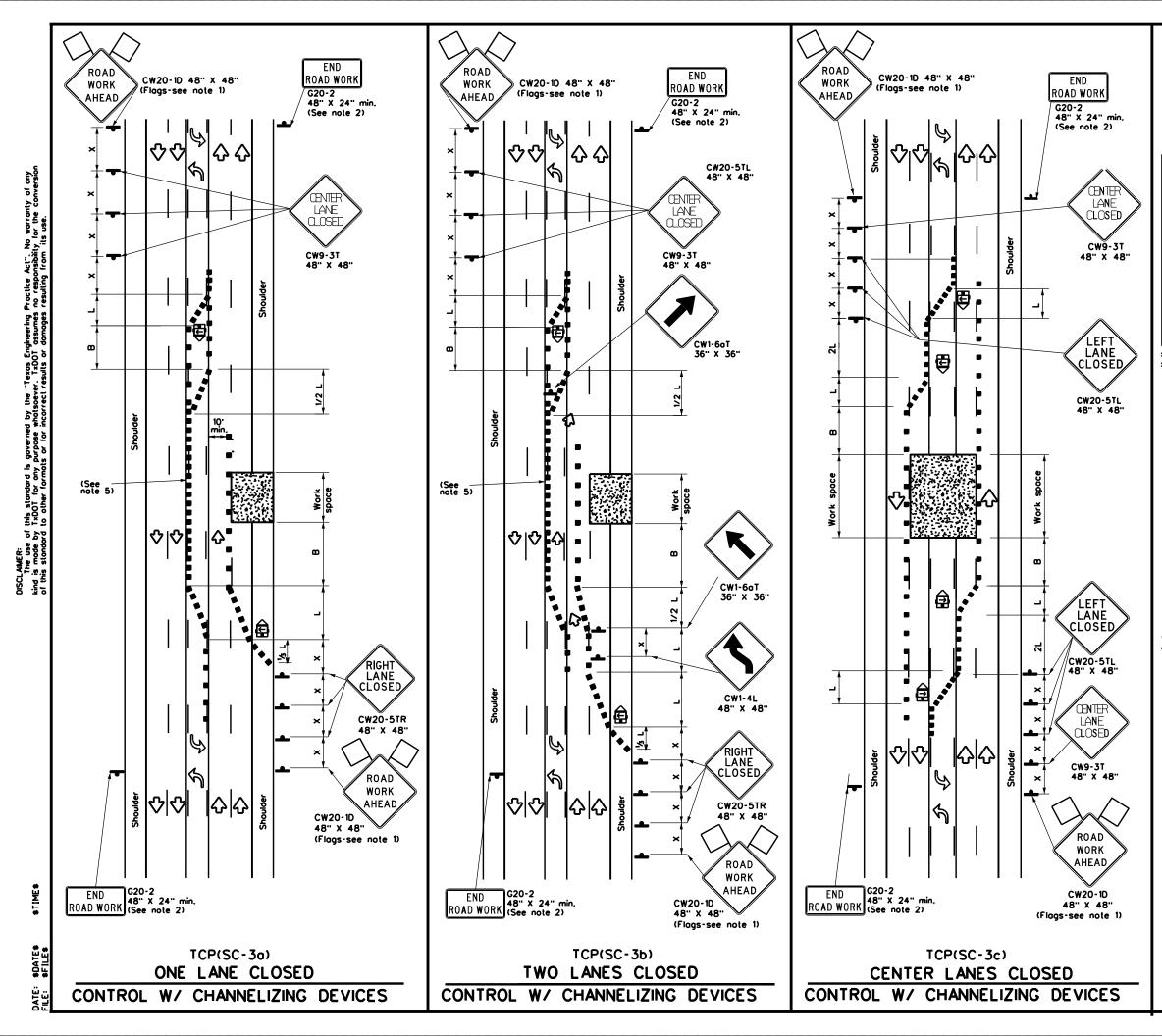
- 2. All traffic control devices illustrated are REQUIRED, except: if project signing is present, END ROAD WORK (G20-2) sign is optional with approval by the Engineer.
- The ROAD WORK AHEAD (CW20-1D) sign may be repeated if the visibility of the work zone is less than 1500 feet.
- 4. If the seal coat operation crosses intersections, traffic in these areas must be controlled. Care must be taken to prevent vehicles from crossing the asphalt before the aggregate is placed. This may require positioning additional traffic placed. This may require control personnel (flaggers) at the intersection.
- 5. Temporary rumble strips are not required on seal coat operations.

### TCP (SC-2a) and (SC-2b)

6. Channelizing devices which separate two-way traffic shall be spaced on tapers at: a.) 20 feet;

b.) 15 feet when posted speeds are 35 mph or slower; or
 c.) at 1/2(S) for tangent sections.
 This tighter device spacing is intended for the areas of conflicting markings, not the entire work zone.

| SHEET 2 OF 8         |                        |           |      |         |      |    |  |  |  |  |
|----------------------|------------------------|-----------|------|---------|------|----|--|--|--|--|
|                      | ★ ®<br>Texas Departmen | nt of Tra | nsp  | ortatio | n    | Ĺ  | Traffic<br>Safety<br>Division<br>tandard |  |  |  |
| TRAFFIC CONTROL PLAN |                        |           |      |         |      |    |  |  |  |  |
|                      | SEALCOA                | t OI      | PE   | RATI    | 10   | 1S |  |  |  |  |
|                      | MUL TIL                | ANE       | R    | OAD     | S    |    |  |  |  |  |
|                      | (UNI                   | DIVID     | )EC  | ))      |      |    |  |  |  |  |
|                      | TCP(                   | SC-       | 2)   | -22     |      |    |  |  |  |  |
| FILE:                | tcpsc-2-22.dgn         | DN:       |      | ск:     | DW:  |    | Ск:                                      |  |  |  |
| © ⊺xD0T              | October 2022           | CONT      | SECT | JOB     |      |    | HIGHWAY                                  |  |  |  |
|                      | REVISIONS              | 0050      | 11   | 023, E  | TC.  | BS | 6S, ETC.                                 |  |  |  |
| 4-21                 |                        | DIST      |      | COUNT   | Y.   |    | SHEET NO.                                |  |  |  |
| 10-22                |                        | BRY       |      | GRIMES  | , ET | С  | 63                                       |  |  |  |
| 218                  |                        |           |      |         |      |    |  |  |  |  |



| [              |                |                      |    |                            |                  | LE            | GEN                   | 4D  | _  |                    |  |   |  |
|----------------|----------------|----------------------|----|----------------------------|------------------|---------------|-----------------------|---|--|--------------------|--|---|--|
|                | U              |                      | Ту | /pe 3 (                    | Barrica          |               |                       |   |  | Channe             | lizing Devic                           | es  |  |
|                | С              | Þ                    | Не | eavy W                     | ork Vel          | hicle         |                       |   |  | Truck I<br>Attenuo |  |   |  |
|                |                | Floshing Arrow Board |    |                            |                  |               | M                     |   | Portable Changeable<br>Message Sign (PCMS) |                    |  |   |  |
|                | Sign           |                      |    |                            |                  |               | $\overline{\Diamond}$ |   | Traffic                                    |                    |  |   |  |
|                | Flog L Flogger |                      |    |                            |                  |               |                       |   |  |                    |  |   |  |
| Poste<br>Speed |                |                      |    | Desirable<br>Taper Lengths |                  |               |                       | gested Maximum<br>Spacing of<br>Channelizing<br>Devices |  |                    | Minimum<br>Sign<br>Spocing<br>Distance | Suggested<br>Longitudinal<br>Buffer Space |  |
| ×              |                |                      |    | 10 <sup>.</sup><br>Offset  | 11"<br>Offset    | 12'<br>Offset |                       | )n a<br>oper  |  | On a<br>angent     | "X"                                    | "8"                                       |  |
| - 30           |                |                      | 2  | 150'                       | 165              | 180'          |                       | 30'   |  | 60'                | 120'                                   | 90'                                       |  |
| 35             | ,              | L. <u>W</u>          | 5  | 205'                       | 225'             | 245'          |                       | 35'   |  | 70'                | 160'                                   | 120'                                      |  |
| 40             |                | - 60                 |    | 265'                       | 295'             | 320'          | 4                     | 40'   |  | 80'                | 240'                                   | 155'                                      |  |
| 45             |                |                      |    | 450'                       | 495'             | 540'          | -                     | 45'   |  | 90'                | 320'                                   | 195'                                      |  |
| 50             |                |                      |    | 500'                       | 550'             | 600.          |                       | 50 <sup>.</sup>   |  | 100'               | 400'                                   | 240'                                      |  |
| 55             |                |                      |    | 550'                       | 605'             | 660'          | 9                     | 55'   |  | 110'               | 500'                                   | 295'                                      |  |
| 60             |                | L·WS                 | 5  | 600'                       | 660 <sup>.</sup> | 720'          |                       | 60'   |  | 120'               | 600 <sup>.</sup>                       | 350'                                      |  |
| 65             |                |                      |    | 650'                       | 715'             | 780'          |                       | 65'   |  | 130'               | 700'                                   | 4 10'                                     |  |
| 70             |                |                      |    | 700'                       | 770'             | 840'          |                       | 70'   |  | 140'               | 800'                                   | 475                                       |  |
| 75             |                |                      |    | 750 <sup>.</sup>           | 825'             | 900'          |                       | 75'   |  | 150'               | 900.                                   | 540'                                      |  |

Conventional Roads Only
 Toper lengths have been rounded off.
 L ength of Toper (FT) W • Width of Offset (FT)

S - Posted Speed (MPH)

| TYPICAL USAGE |                   |                          |  |  |  |  |  |  |
|---------------|-------------------|--------------------------|--|--|--|--|--|--|
| MOBILE        | SHORT<br>DURATION | SHORT TERM<br>STATIONARY | INTERMEDIATE LONG TERM<br>TERM STATIONARY STATIONARY |  |  |  |  |  |
|               | 4                 | 4                        |  |  |  |  |  |  |

# GENERAL NOTES

1. Flags attached to signs where shown are REQUIRED.

- 2. All traffic control devices illustrated are REQUIRED, except: if project signing is present, END ROAD WORK (G20-2) sign is optional with approval by the Engineer.
- 3. If the seal coat operation crosses intersections, traffic in these areas must be controlled. Care must be taken to prevent vehicles from crossing the asphalt before the aggregate is placed. This may require positioning additional traffic control personal (flaggers) at the intersection.
- 4. Temporary rumble strips are not required on seal coat operations.

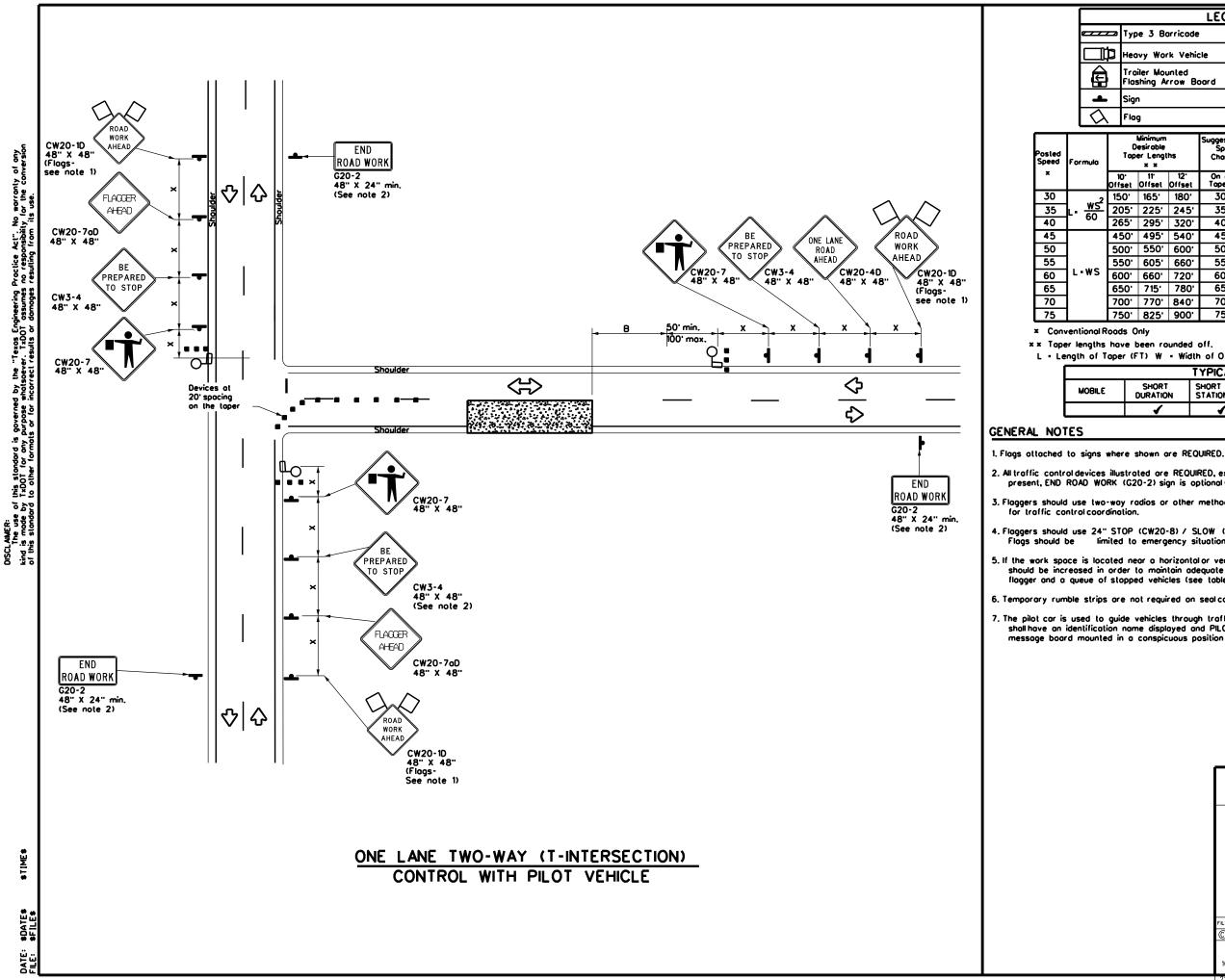
## TCP (SC-3a) and (SC-3b)

5. Channelizing devices which separate two-way traffic shall be spaced on tapers at: a.) 20 feet;

b.) 15 feet when posted speeds are 35 mph or slower; or c.) of 1/2(S) for tangent sections. This tighter device spacing is intended for the areas of

conflicting markings, not the entire work zone.

| SHEET 3 OF 8  |          |          |      |         |     |    |  |  |  |
|---|----------|----------|------|---------|-----|----|--|--|--|
| Texas D   | epartmen | t of Tra | nsp  | ortatio | n   | Ĺ  | Traffic<br>Safety<br>Division<br>tandard |  |  |
| TRAFFIC CONTROL PLAN<br>SEAL COAT OPERATIONS<br>MULTILANE ROADS<br>(W/ CENTER LEFT TURN LANE)<br>TCP(SC-3)-22 |          |          |      |         |     |    |  |  |  |
| FILE: tcpsc-3-22  |          | DN:      |      | Ск:     | DW: |    | Ск:                                      |  |  |
| ©TxDOT Octob  | er 2022  | CONT     | SECT | JOB     |     |    | HIGHWAY                                  |  |  |
| REVISION  | S        | 0050     | 11   | 023, E  | TC. | BS | 6S, ETC.                                 |  |  |
| 4-21  |          | DIST     |      | COUNT   | Y   |    | SHEET NO.                                |  |  |
| 10-22   |          | BRY      |      | GRIMES  | ,ET | C. | 64                                       |  |  |
| 219   |          |          |      |         |     |    |  |  |  |



|  |                          |   |                      |                  | LEGEN         | 1D              |        |  |   |                               |
|--|--------------------------|---|----------------------|------------------|---------------|-----------------|--------|--|---|-------------------------------|
| 7  | <b>ا</b> ه               | ſγp   | e 3 Bo               | orricode         | •             |                 | C      | hannelizing                            |   |                               |
| ľ  | Þ                        | leo   | ivy Wor              | k Vehio          | :le           |                 |        | ruck Mount<br>ttenuator (              |   | 1                             |
| Â  |                          |   | iler Mou<br>shing Ai | unted<br>rrow Bo | bar d         | <b>Z</b>        | P<br>M | ortable Ch<br>lessage Sig              | angeable<br>gn (PCMS)                     |                               |
| •  |                          | Sigr  | ۱                    |                  |               | Ŷ               | т      | raffic Flow                            | r   |                               |
| λ  | , f                      | loc   | 9                    |                  |               | ٩               | F      | logger                                 | ]   |                               |
| 5  | т                        | Minimum Suggested<br>Desiroble Spocin<br>Toper Lengths Channeli<br>* * Devi |                      |                  |               |                 |        | Minimum<br>Sign<br>Spocing<br>Distance | Suggested<br>Longitudinal<br>Buffer Space | Stopping<br>Sight<br>Distance |
|  | 10 <sup>.</sup><br>Offse |   | 11°<br>Offsel        | 12'<br>Offset    | On a<br>Taper | On a<br>Tangent |        | "X"                                    | "8"                                       |                               |
| 2  | 150                      | ).  | 165'                 | 180'             | 30'           | 60'             |        | 120'                                   | 90'                                       | 200 <sup>.</sup>              |
| 5  | 20                       | 5'  | 225'                 | 245'             | 35'           | 70'             |        | 160'                                   | 120'                                      | 250 <sup>.</sup>              |
| '  | 265                      | 5'  | 295'                 | 320'             | 40'           | 80'             |        | 240'                                   | 155'                                      | 305 <sup>.</sup>              |
|  | 45                       | 0'  | 495'                 | 540'             | 45'           | 90.             |        | 320'                                   | 195'                                      | 360 <sup>.</sup>              |
| 2<br>2<br>2<br>2<br>2<br>2<br>3<br>2<br>3<br>2<br>3<br>2<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3 | 500                      | ).  | 550'                 | 600.             | 50'           | 100'            |        | 400'                                   | 240'                                      | 425'                          |
| _  | 550                      | 0.  | 605'                 | 660'             | 55'           | 110'            |        | 500'                                   | 295'                                      | 495'                          |
| 5  | 600                      | ).  | 660'                 | 720'             | 60'           | 120'            |        | 600'                                   | 350'                                      | 570'                          |
|  | 650                      | р.  | 715'                 | 780'             | 65'           | 130'            |        | 700'                                   | 4 10'                                     | 645 <sup>.</sup>              |
|  | 700                      | ).  | 770'                 | 840'             | 70'           | 140'            |        | 800'                                   | 475'                                      | 730 <sup>.</sup>              |
|  | 750                      | р.  | 825                  | 900.             | 75'           | 150'            |        | 900'                                   | 540'                                      | 820 <sup>.</sup>              |

**x x** Taper lengths have been rounded off.

L . Length of Toper (FT) W . Width of Offset (FT) S . Posted Speed (MPH)

|    | TYPICAL USAGE     |                          |                                 |                         |  |  |  |  |  |  |  |
|----|-------------------|--------------------------|---------------------------------|-------------------------|--|--|--|--|--|--|--|
| LE | SHORT<br>DURATION | SHORT TERM<br>STATIONARY | INTERMEDIATE<br>TERM STATIONARY | LONG TERM<br>STATIONARY |  |  |  |  |  |  |  |
|    | 1                 | <b>√</b>                 |                                 |                         |  |  |  |  |  |  |  |

2. All traffic control devices illustrated are REQUIRED, except: if project signing is present, END ROAD WORK (G20-2) sign is optional with approval by the Engineer.

3. Flaggers should use two-way radios or other methods of communication at all times

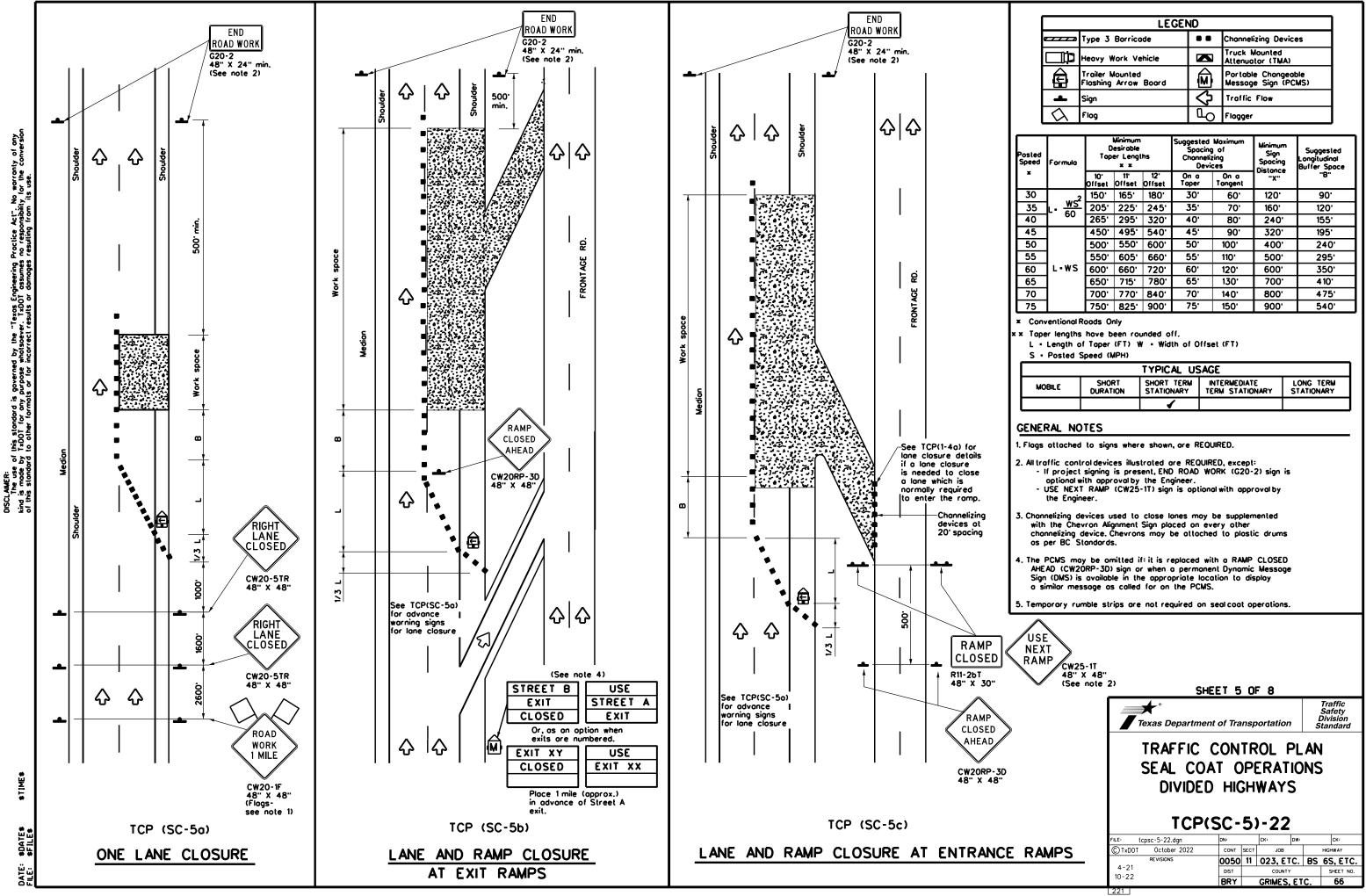
4. Flaggers should use 24" STOP (CW20-8) / SLOW (CW20-8oT) paddles to control traffic. Flags should be limited to emergency situations.

5. If the work space is located near a horizontal or vertical curve, the buffer distances should be increased in order to maintain adequate stopping sight distance to the flagger and a queue of stopped vehicles (see table above).

6. Temporary rumble strips are not required on seal coat operations.

7. The pilot car is used to guide vehicles through traffic control zone. The pilot car shall have an identification name displayed and PILOT CAR, FOLLOW ME (G20-4) sign or message board mounted in a conspicuous position on rear.

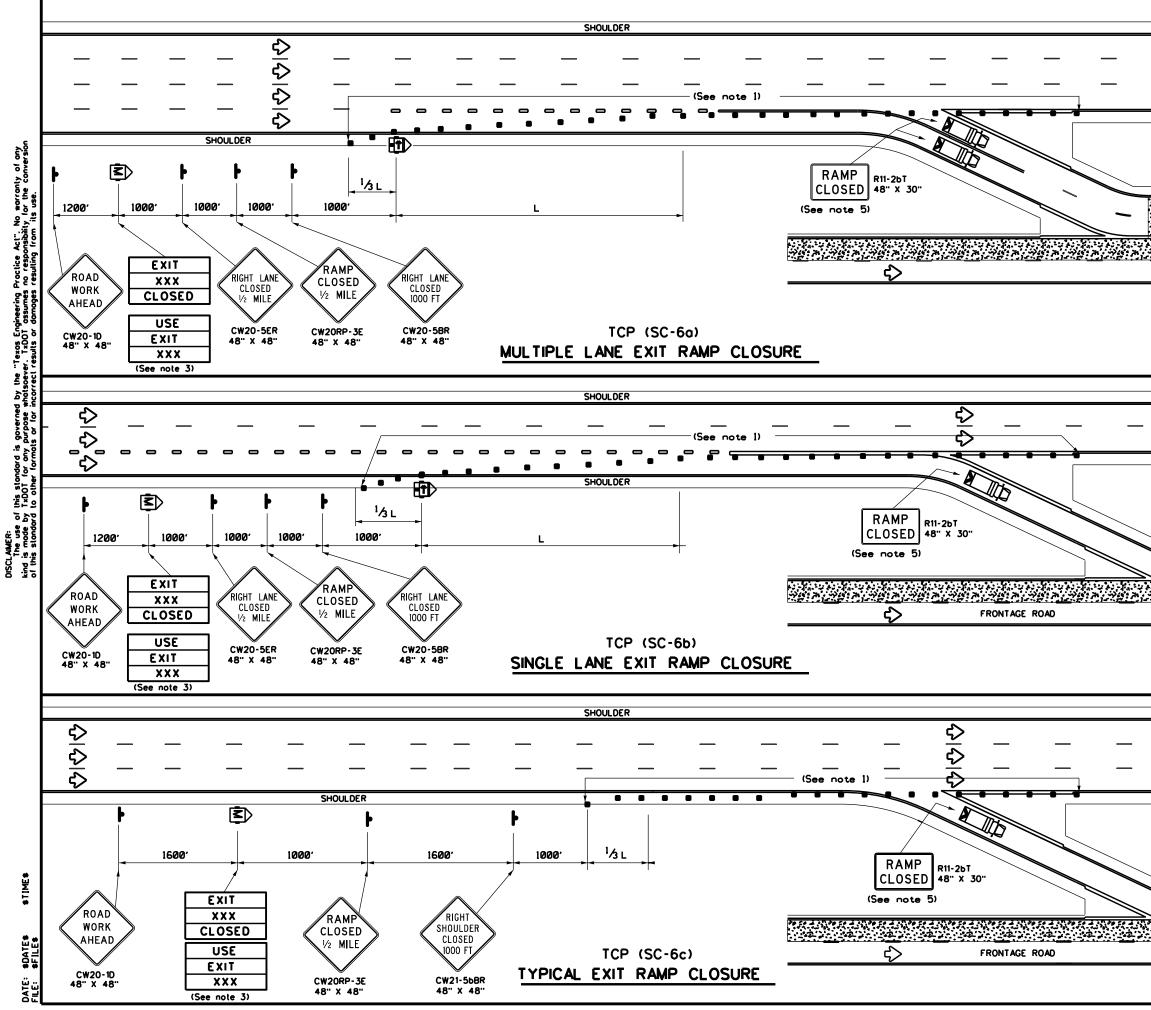
| SHEEL 4 UF 8                              |            |           |              |       |  |  |  |  |
|---|------------|-----------|--------------|-------|--|--|--|--|
| Texas Department                          | of Tra     | nsp       | ortation     |       | Traffic<br>Safety<br>Division<br>tandard |  |  |  |
| TRAFFIC C<br>SEAL COA<br>NEAR IN<br>TCP(S | T O<br>TER | )PE<br>SE | RATI<br>CTIO | ONS   |  |  |  |  |
| FILE: tcpsc-4-22.dgn                      | DN:        |           | ск:          | DW:   | СК:                                      |  |  |  |
| © TxDOT October 2022                      | CONT       | SECT      | JOB          |       | HIGHWAY                                  |  |  |  |
| REVISIONS                                 | 0050       | 11        | 023, ET      | C. BS | 6S, ETC.                                 |  |  |  |
| 4-21<br>10-22                             | DIST       |           | COUNTY       |       | SHEET NO.                                |  |  |  |
| 10-22                                     | BRY        |           | GRIMES,      | ETC.  | 65                                       |  |  |  |
| 220                                       |            |           |              |       |  |  |  |  |



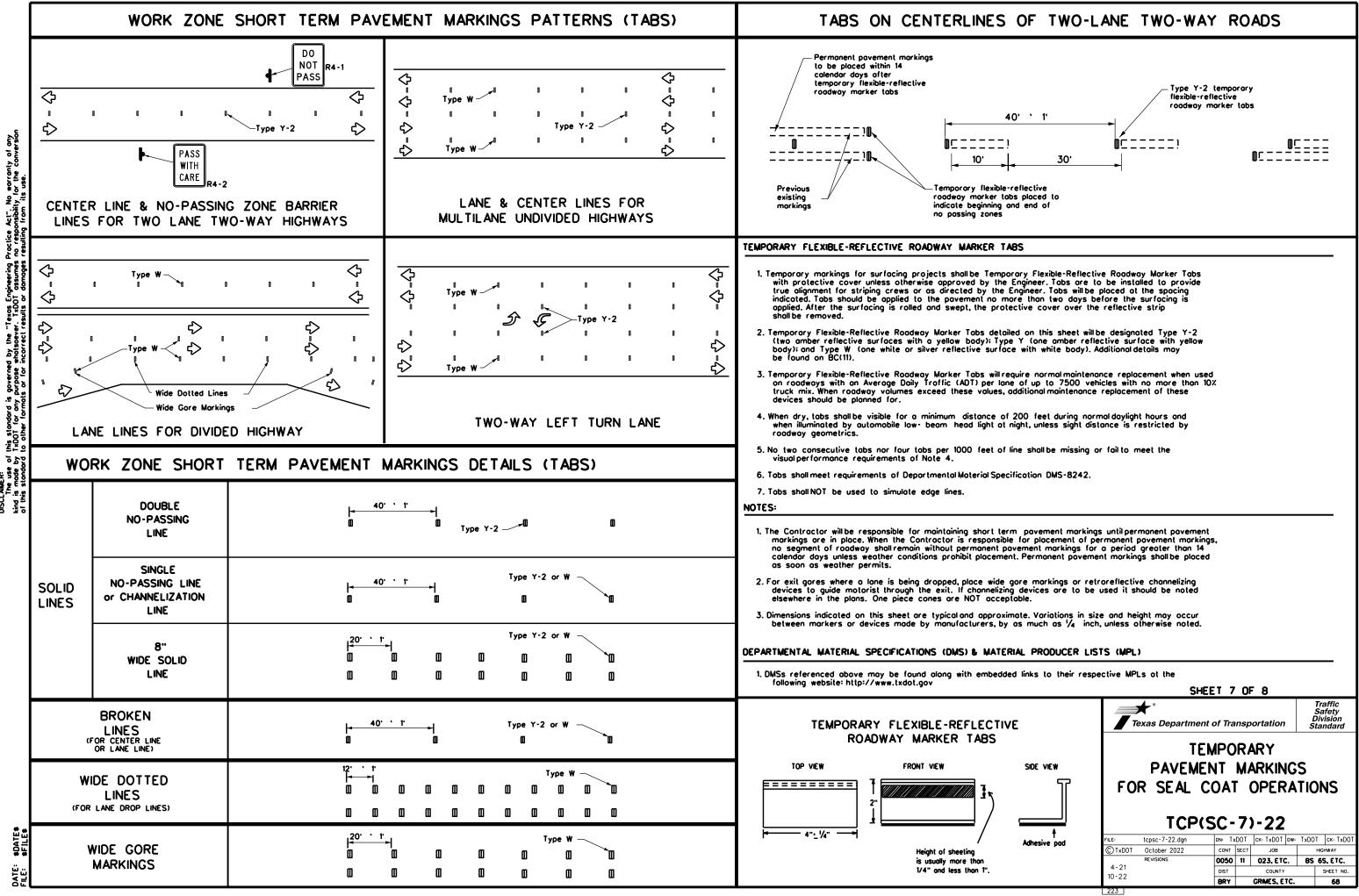
| LEGEND              |   |            |  |  |  |  |  |  |  |
|---------------------|---|------------|--|--|--|--|--|--|--|
|                     | Type 3 Borricode                        |            | Channelizing Devices                       |  |  |  |  |  |  |
| _<br>₽              | Heavy Work Vehicle                      |            | Truck Mounted<br>Attenuator (TMA)          |  |  |  |  |  |  |
| Ê                   | Trailer Mounted<br>Flashing Arrow Board |            | Portable Changeable<br>Message Sign (PCMS) |  |  |  |  |  |  |
| -                   | Sign                                    | $\Diamond$ | Troffic Flow                               |  |  |  |  |  |  |
| $\overline{\Delta}$ | Flog                                    | ٩          | Flagger                                    |  |  |  |  |  |  |

| Posted<br>Speed | Formula              | 0                | Minimum<br>esiroble<br>er Lengl<br>x x |               | Suggested<br>Spacing<br>Channeli<br>Devi | g of<br>zing    | Minimum<br>Sign<br>Spocing<br>Distance | Suggesled<br>Longitudinal<br>Buffer Space |
|-----------------|----------------------|------------------|--|---------------|--|-----------------|--|---|
| ×               |                      | 10°<br>Offset    | 11 <sup>.</sup><br>Offset              | 12'<br>Offset | On a<br>Taper                            | On a<br>Tangent | "X"                                    | "8"                                       |
| 30              | 2                    | 150'             | 165'                                   | 180'          | 30'                                      | 60 <sup>.</sup> | 120'                                   | 90'                                       |
| 35              | L. $\frac{WS^2}{60}$ | 205'             | 225'                                   | 245           | 35'                                      | 70'             | 160'                                   | 120'                                      |
| 40              | 60                   | 265'             | 295'                                   | 320'          | 40'                                      | 80'             | 240'                                   | 155'                                      |
| 45              |                      | 450 <sup>.</sup> | 495'                                   | 540'          | 45'                                      | 90.             | 320'                                   | 195'                                      |
| 50              |                      | 500'             | 550'                                   | 600'          | 50'                                      | 100'            | 400'                                   | 240'                                      |
| 55              |                      | 550 <sup>.</sup> | 605'                                   | 660'          | 55'                                      | 110'            | 500'                                   | 295'                                      |
| 60              | L•WS                 | 600'             | 660'                                   | 720'          | 60 <sup>.</sup>                          | 120'            | 600'                                   | 350'                                      |
| 65              |                      | 650'             | 715'                                   | 780'          | 65'                                      | 130'            | 700'                                   | 4 10'                                     |
| 70              |                      | 700'             | 770'                                   | 840'          | 70'                                      | 140'            | 800'                                   | 475'                                      |
| 75              |                      | 750'             | 825'                                   | 900.          | 75'                                      | 150'            | 900                                    | 540'                                      |

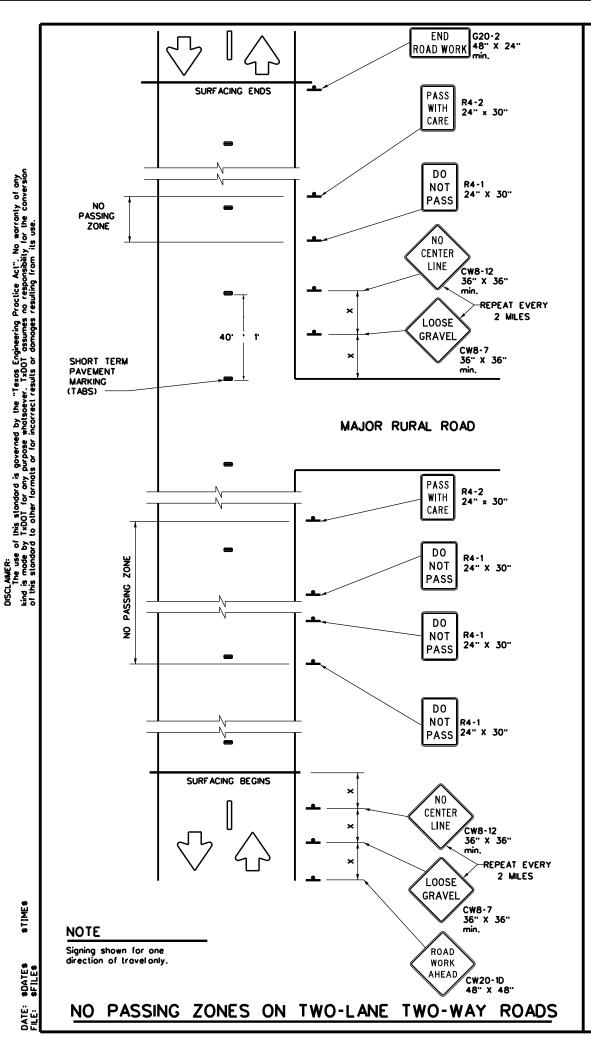
|        | TYPICAL USAGE     |                          |                                 |                         |  |  |  |  |  |  |
|--------|-------------------|--------------------------|---------------------------------|-------------------------|--|--|--|--|--|--|
| MOBILE | SHORT<br>DURATION | SHORT TERM<br>STATIONARY | INTERMEDIATE<br>TERM STATIONARY | LONG TERM<br>STATIONARY |  |  |  |  |  |  |
|        |                   | 1                        |                                 |                         |  |  |  |  |  |  |



|  |  |  |  |   |  |  | GEND                          |  |   |  |
|--|--|--|--|---|--|--|-------------------------------|--|---|--|
|  | I  | <u> </u>   |  |   |  | Channelizing Devices   |                               |  |   |  |
|  | e  | Туре З   | 6 Borric   | ode   |  | ••   | Ch<br>(Cl                     |  | Devices   |  |
|  |  | +  |  |   |  |  |                               |  |   |  |
|  |  | Heavy  | Work V   | ehicle  |  |  |                               | uck Mouni<br>lenuator (  |   |  |
|  |  | <u> </u>   | Mounted  |   |  |  |                               | rtable Ch  |   |  |
|  |  |  | g Arrow  |   | ,  | <b>M</b>   |                               |  | angeable<br>In (PCMS)   |  |
| — –  |  | -  |  |   |  | 뷧  |                               | -  |   |  |
|  | <b>_</b>   | Sign   |  |   |  | <u>S</u>   | Īr                            | offic Flow   | ·   |  |
|  | $\overline{\land}$   | Flog   |  |   |  |  | FIC                           | ogger  |   |  |
|  |  | 1 - 7  |  |   |  |  |                               |  |   |  |
|  |  |  | N  | muminih   |  | Succe  | sied i                        | Vaximum  |   |  |
|  |  |  | De   | sir oble  |  | Šp   | ocing                         | oſ   | Suggested   |  |
|  | Posted Formula Toper Lengths "L"   |  |  |   |  |  | nneliz                        |  | Longitudinal  |  |
|  | Speed  |  | 10.  | 11'   | 12.  | On   | Devic                         | es<br>On a   | Buffer Space<br>"B"   |  |
|  |  |  |  |   | Offset   | Торе   |                               | Tangent  | , ,   |  |
|  | 45   |  | 450'   | 495'  | 540'   | 45   | 5.                            | 90'  | 195'  |  |
|  | 45         455         455         540           50         500'         550'         600'           55         550'         605'         660' |  |  |   | 50   | ).   | 100'                          | 240'   |   |  |
|  |  |  |  |   | 55   | _  | 110'                          | 295 <sup>.</sup>   |   |  |
|  | 60   |  |  |   |  | 60   | _                             | -  |   |  |
|  |  | L•WS   | 600 <sup>.</sup>   | 660'  | 720'   |  |                               | 120'   | 350'  |  |
|  | 65   |  | 650 <sup>.</sup>   | 715   | 780'   | 65   | <b>)</b> .                    | 130'   | 410'  |  |
|  | 70   |  | 700 <sup>.</sup>   | 770'  | 840'   | 70   | ).                            | 140'   | 475   |  |
|  | 75   |  | 750'   | 825'  | <b>300</b> .   | 75   | 5.                            | 150'   | 540'  |  |
|  | 80   |  | 800  | 880'  | 960'   | 80   |                               | 160'   | 615'  |  |
|  | 85   |  | 850 <sup>.</sup>   | 935'  | 1020   | 85   |                               | 170'   | 695'  |  |
|  |  |  | 000  | 300   | 1020   | 1 03   | ,                             | 170  | 090   |  |
|  | <u>х</u> - т-  | per len  | athe   | -   |  |  |                               |  |   |  |
|  |  |  |  |   |  |  |                               |  | · T )   |  |
|  |  | -  | -  |   |  | width  | 01                            | Offset (F  | .,  |  |
|  | S•P  | osted S  | speed (  | (MPH)   |  |  |                               |  |   |  |
|  |  |  |  |   |  |  |                               |  |   |  |
|  |  |  |  | TYP   | ICAL   | USAGE  | E                             |  |   |  |
|  |  |  | SHORT  |   | RT TER   |  | -<br>TERME                    | DIATE  | LONG TERM   |  |
|  | MOBILE   |  | URATION  |   | TIONARY  |  | N ST                          | ATIONARY   | STATIONARY  |  |
|  |  |  | 1  |   | 1  | 1  |                               |  |   |  |
|  |  |  |  |   |  |  |                               |  |   |  |
|  |  |  |  |   |  |  |                               |  |   |  |
|  |  |  |  |   |  |  |                               |  |   |  |
|  |  |  |  | ~   |  |  |                               |  |   |  |
|  | GENE   | RAL  | NOIE   | S   |  |  |                               |  |   |  |
|  |  |  |  |   |  |  |                               |  |   |  |
|  | 1. Ploce   | channe   | lizing d   | evices  | ot 2   | 0'spoc   | ings.                         |  |   |  |
|  |  | iter spo   |  |   |  |  |                               |  |   |  |
|  | odd  | ress fie   | ld conc  | litions   | or ob  | serve  | d dr                          | iver   |   |  |
|  | beh  | avior.   |  |   |  |  |                               |  |   |  |
|  |  |  |  |   |  |  |                               |  |   |  |
|  | 2. See   | the Sta  | ndard H  | Highwo  | y Sigr   | n Desid  | an fa                         | or Texos   |   |  |
|  |  | SD) for  |  |   | ,  |  |                               |  |   |  |
|  |  |  | .,   |   |  |  |                               |  |   |  |
|  | 3. The   | PCMS m   | nav be   | omitte  | ed if r  | eoloce   | ed w                          | ith a  |   |  |
|  |  |  |  |   |  |  |                               | n or whe   | n n   |  |
|  |  |  |  |   |  |  |                               | is availa  |   |  |
|  |  | n appro  |  |   |  |  |                               |  |   |  |
|  |  | soge of  |  |   |  |  |                               | 3.1110   |   |  |
|  | mea  | soye u   | s coneo  |   |  | F CIWI   | 5.                            |  |   |  |
|  | A Whee   | بام ما ان  |  | -   |  |  |                               | م م م م  |   |  |
| <u>, ya a ya a </u>                          |  | closed i   |  |   |  |  |                               | e should   |   |  |
|  | De d   |  |  |   |  |  |                               | reier  |   |  |
|  | A - 1  |  | I TOP L  | 1 01 I IC   |  |  | JIIS.                         |  |   |  |
|  | to   | TCP(6-4  |  |   | contr  | 0.0010   |                               |  |   |  |
| <u> Angle Angle A</u>                        |  |  |  |   |  |  |                               |  |   |  |
| <u></u>                                      | 5. A Tri   | uck Mou  |  |   | itor (1  | 'MA), v  |                               | e shown,   |   |  |
| <u>/////////////////////////////////////</u> | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha  | itor (1<br>ove a   | MA), v<br>RAMP   | CLC                           | DSED   |   |  |
| <u></u>                                      | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha  | itor (1<br>ove a   | MA), v<br>RAMP   | CLC                           |  | د.  |  |
| <u></u>                                      | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha  | itor (1<br>ove a   | MA), v<br>RAMP   | CLC                           | DSED   | ۲.  |  |
| <u></u>                                      | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha  | itor (1<br>ove a   | MA), v<br>RAMP   | CLC                           | DSED   | ٤.  |  |
| <u></u>                                      | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha  | itor (1<br>ove a   | MA), v<br>RAMP   | CLC                           | DSED   | ٤.  |  |
| <u></u>                                      | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha  | itor (1<br>ove a   | MA), v<br>RAMP   | CLC                           | DSED   | ۶.  |  |
| <u></u>                                      | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha  | itor (1<br>ove a   | MA), v<br>RAMP   | CLC                           | DSED   | ۰.  |  |
|  | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha  | itor (1<br>ove a   | MA), v<br>RAMP   | CLC                           | DSED   | ډ.  |  |
| <u></u>                                      | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha  | itor (1<br>ove a   | MA), v<br>RAMP   | CLC                           | DSED   | د.  |  |
|  | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha  | itor (1<br>ove a   | MA), v<br>RAMP   | CLC                           | DSED   | ٤.  |  |
|  | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha  | itor (1<br>ove a   | MA), v<br>RAMP   | CLC                           | DSED   | ٤.  |  |
|  | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha<br>unted   | itor (1<br>ave a<br>on the   | 'MA), v<br>RAMP<br>e rear  | CL(                           | OSED<br>the truct  | ٤.  |  |
|  | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha<br>unted   | itor (1<br>ave a<br>on the   | MA), v<br>RAMP   | CL(                           | OSED<br>the truct  | ¢.  |  |
|  | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha<br>unted   | itor (1<br>ave a<br>on the   | 'MA), v<br>RAMP<br>e rear  | CL(                           | OSED<br>the truct  |   |  |
|  | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(   | ) and s  | shall ha<br>unted   | itor (1<br>ave a<br>on the   | 'MA), v<br>RAMP<br>e rear  | CL(                           | OSED<br>the truct  | Traffic   |  |
|  | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(<br>-2bT) si   | ) and sign mou   | shall he<br>unted<br>SI   | ltor (1<br>ove o<br>on the   | MA), v<br>RAMP<br>e rear   | OF                            | DSED<br>the truck  |   |  |
|  | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(<br>-2bT) si   | ) and s  | shall he<br>unted<br>SI   | ltor (1<br>ove o<br>on the   | MA), v<br>RAMP<br>e rear   | OF                            | DSED<br>the truck  | Traffic<br>Safety   |  |
|  | 5. A Tru<br>is R   | uck Mou<br>EQUIRE(<br>-2bT) si   | ) and sign mou   | shall he<br>unted<br>SI   | ltor (1<br>ove o<br>on the   | MA), v<br>RAMP<br>e rear   | OF                            | DSED<br>the truck  | Traffic<br>Safety<br>Division   |  |
|  | 5. A Tru<br>is R   | Lick Mou<br>EOUIREI<br>- 2bT) si   | ) and sign mou   | shall he<br>unted<br>SI   | HEET   | MA), v<br>RAMP<br>e reor<br>6 (  | CLC<br>of<br>DF               | DSED<br>the truck<br>8<br>tation   | Traffic<br>Safety<br>Division<br>Standard   |  |
|  | 5. A Tru<br>is R   | Lick Mou<br>EOUIREI<br>- 2bT) si<br>- 2bT) Texa  | ) and sign mou   | shall he<br>unted<br>SI   | HEET   | MA), v<br>RAMP<br>e reor<br>6 (  | CLC<br>of<br>DF               | DSED<br>the truck  | Traffic<br>Safety<br>Division<br>Standard   |  |
|  | 5. A Tru<br>is R   | Lick Mou<br>REOUIRE(<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si   | and sign mou   | sholl ho<br>unted<br>SI<br>eartme<br>FIC  | HEET<br>ent of   | MA), v<br>RAMP<br>e reor<br>6 (<br>Trans   | DF<br>Spor<br>RO              | 8<br>tation  | Traffic<br>Safety<br>Division<br>Standard   |  |
|  | 5. A Tru<br>is R   | Lick Mou<br>REOUIRE(<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si   | and sign mou   | sholl ho<br>unted<br>SI<br>eartme<br>FIC  | HEET<br>ent of   | MA), v<br>RAMP<br>e reor<br>6 (<br>Trans   | DF<br>Spor<br>RO              | DSED<br>the truck<br>8<br>tation   | Traffic<br>Safety<br>Division<br>Standard   |  |
|  | 5. A Tru<br>is R   | Lick Mou<br>REOUIRE(<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si   | and sign mov   | Si<br>oartme<br>FIC<br>CO   | HEET<br>CCC  | (MA), v<br>RAMP<br>e reor<br>Trans<br>ONT  | DF<br>spor<br>RO<br>PEF       | 8<br>tation  | Traffic<br>Safety<br>Division<br>Standard   |  |
|  | 5. A Tru<br>is R   | Lick Mou<br>REOUIRE(<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si   | and sign mov   | Si<br>oartme<br>FIC<br>CO   | HEET<br>CCC  | (MA), v<br>RAMP<br>e reor<br>Trans<br>ONT  | DF<br>spor<br>RO<br>PEF       | 8<br>tation  | Traffic<br>Safety<br>Division<br>Standard   |  |
|  | 5. A Tru<br>is R   | Lick Mou<br>REOUIRE(<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si   | and sign mov   | Si<br>oartme<br>FIC<br>CO   | HEET<br>CCC  | (MA), v<br>RAMP<br>e reor<br>Trans<br>ONT  | DF<br>spor<br>RO<br>PEF       | 8<br>tation  | Traffic<br>Safety<br>Division<br>Standard   |  |
|  | 5. A Tru<br>is R   | Lick Mou<br>REOUIRE(<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si   | and sign mov   | Si<br>oartme<br>FIC<br>CO   | HEET<br>CCC  | (MA), v<br>RAMP<br>e reor<br>Trans<br>ONT  | DF<br>spor<br>RO<br>PEF       | 8<br>tation  | Traffic<br>Safety<br>Division<br>Standard   |  |
|  | 5. A Tru<br>is R   | Lick Mou<br>REOUIRE(<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si   | and sign moving for the second | shall hu<br>unted<br>FIC<br>CO<br>'IDE  | HEET<br>HEET<br>CC   | (MA), v<br>RAMP<br>e reor<br>Trans<br>DNTI<br>OP<br>HIGH                               | DF<br>spor<br>RO<br>PEF       | 8<br>tation<br>L PL<br>ATIC<br>AYS   | Traffic<br>Safety<br>Division<br>Standard   |  |
|  | 5. A Tru<br>is R   | Lick Mou<br>REOUIRE(<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si<br>-2bT) si   | and sign moving for the second | shall hu<br>unted<br>FIC<br>CO<br>'IDE  | HEET<br>HEET<br>CC   | (MA), v<br>RAMP<br>e reor<br>Trans<br>DNTI<br>OP<br>HIGH                               | DF<br>spor<br>RO<br>PEF       | 8<br>tation<br>L PL<br>ATIC<br>AYS   | Traffic<br>Safety<br>Division<br>Standard   |  |
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|  | 5. A Tri<br>is R<br>(R11   | tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tcpsc<br>tc | and sign moving for the second | SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>S | HEET<br>ON THE<br>HEET<br>ON THE<br>HEET<br>ON<br>AT<br>D<br>H<br>CC<br>AT<br>D<br>H<br>CC<br>SC   | (MA),<br>RAMP<br>e reor<br>Trans<br>ONT<br>OP<br>HIGH                                  | DF<br>spor<br>RO<br>PEF<br>HW | B<br>tation<br>L PL<br>AYS<br>22   | Traffic<br>Safety<br>Division<br>Standard<br>AN<br>DNS  |  |
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|  | 5. A Tri<br>is R<br>(R11   | tcpsc<br>xDOT Occ<br>Texas   | and sign moving for the second | SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>S | HEET<br>HEET<br>AT<br>D<br>HEET<br>CC<br>AT<br>D<br>H<br>SC<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O   |  |                               | 8<br>tation<br>L PL<br>ATIC<br>AYS<br>22<br>TXDOT DWF<br>JOB<br>23, ETC.<br>COUNTY                     | Traffic<br>Safety<br>Division<br>Standard           AN           DNS           Тхрот         ск. Тхрот           нюнмах           BS 65, ETC.           SHEET NO. |  |
|  | 5. A Tri<br>is R<br>(R11   |  | and sign moving for the second | SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>SI<br>S | HEET<br>HEET<br>AT<br>D<br>HEET<br>CC<br>AT<br>D<br>H<br>SC<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O   | (MA), , ,<br>RAMP<br>e reor<br>trans<br>ONTI<br>OF<br>HIGF<br>TXD0T<br>x SEC<br>550 11 |                               | B<br>the truck<br>the truck<br>B<br>tation<br>L PL<br>ATIC<br>AYS<br>22<br>TXDOT OW<br>JOB<br>23, ETC. | Traffic<br>Safety<br>Division<br>Standard           AN           DNS           Тхрот         ск. Тхрот           нюнмах           BS 65, ETC.           SHEET NO. |  |



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### DO NOT PASS (R4-1) SIGN and NO-PASSING ZONES

- A. Prior to the beginning of construction, all currently striped no-passing zones shall be signed with the DO NOT PASS (R4-1) signs and PASS WITH CARE (R4-2) signs placed at the beginning and end of each zone for each direction of travel, except as otherwise provided herein. Signs marking these individual no-passing zones need not be covered prior to construction if the signs supplement the existing pavement markings.
- B. At the discretion of the Engineer, in areas of numerous no-passing zones, several zones may be combined as a single zone. If passing is to be prohibitd over one or more lengthy sections, a DO NOT PASS sign and a NEXT XX MILES (R20-11P) plaque may be used at the beginning of such zones. The DO NOT PASS sign and the NEXT XX MILES plaque should be repeated every mile to the end of the no-passing zone. In areas where there is a considerable distance between no-passing zones, the end of the no-passing zone may be signed with a PASS WITH CARE sign and a NEXT XX MILES plaque.
- C. Depending on traffic volumes and length of sections, it may be desirable to prohibit passing throughout the project to prevent damage to windshields and lights. The DO NOT PASS sign and NEXT XX MILES plaque should be used and repeated as often as necessary for this purpose. Where several existing zones are to be combined into one individual no-passing zone, the sign at the beginning of the zone should be covered until the surfacing operation has passed this location so as not to have the DO NOT PASS sign conflict with the existing povement markings. Also, unless one day of operation completes the entire length of such combined zones, appropriate DO NOT PASS and PASS WITH CARE signs should be placed at the beginning and end of the no-passing zones where the surfacing operation has stopped for the day.
- D. DO NOT PASS and PASS WITH CARE signs are to remain in place until permanent pavement markings are installed.

# NO CENTER LINE (CW8-12) SIGN

- A. Center line markings are yellow pavement markings that delineate the separation between lanes that have opposite directions of travelon a roadway. Divided highways do not typically have center line markings.
- B. At the time construction activity obliterates the existing center line markings (low volume roads may not have an existing center line), a NO CENTER LINE (CW8-12) sign should be erected at the beginning of the work area, at approximately two mile intervals within the work area, beyond major intersections, and other locations deemed necessary by the Engineer.
- C. The NO CENTER LINE signs are to remain in place until permanent pavement markings are installed.

## LOOSE GRAVEL (CW8-7) SIGN

- A. When construction begins, a LOOSE GRAVEL (CW8-7) sign should be erected at each end of the work area and repeated at intervals of approximately two miles in rural areas and closer in urban areas.
- B. The LOOSE GRAVEL signs are to remain in place until the condition no longer exists.

## COORDINATION OF SIGN LOCATIONS

- A. The location of warning signs at the beginning and end of a work area are to be coordinated with other signing typically shown on the Barricade and Construction Standards for project limits to ensure adequate sign spacing.
- B. Where possible, the ROAD WORK AHEAD (CW20-1D), LOOSE GRAVEL (CW8-7), and NO CENTER LINE (CW8-12) signs should be placed:
  - a.) In the sequence shown following the OBEY WARNING SIGNS STATE LAW (R20-3T) sign and the TRAFFIC FINES DOUBLE (R20-5T) sign: and
  - b.) One "X" sign spacing prior to the CONTRACTOR (G20-6T) sign typically located at or near the limits of surfacing.
  - LOOSE GRAVEL and NO CENTER LINE sign placements will then be repeated as described above.

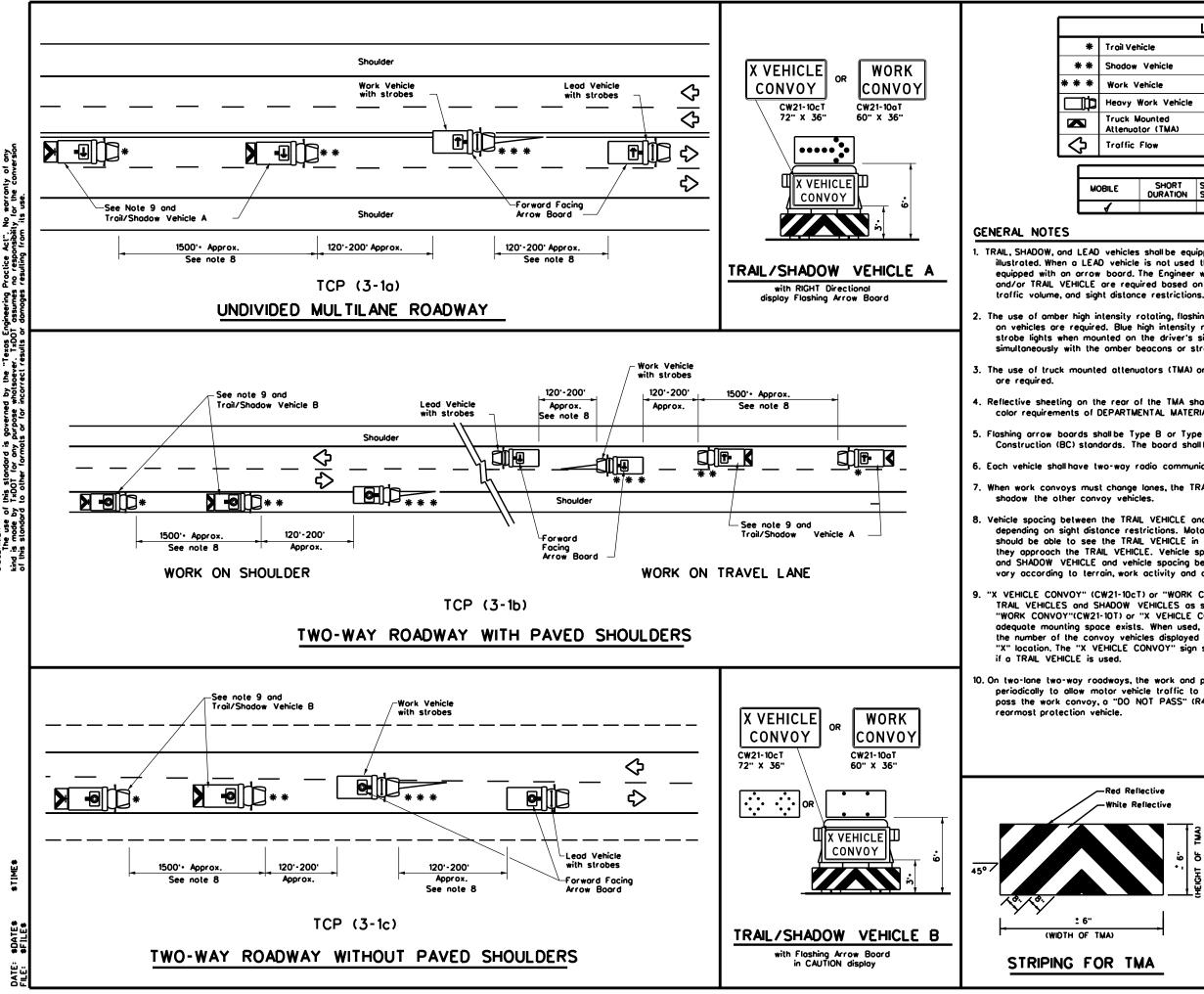
| Posted<br>Speed<br>¥ | Minimum<br>Sign<br>Spacing<br>Distance<br>"X" |
|----------------------|---|
| 30                   | 120'  |
| 35                   | 160'  |
| 40                   | 240'  |
| 45                   | 320'  |
| 50                   | 400   |
| 55                   | 500'  |
| 60                   | 600 <sup>.</sup>                              |
| 65                   | 700'  |
| 70                   | 800'  |
| 75                   | 900'  |
|                      |   |

\* Conventional Roads Only

|        |                   | TYPICAL U             | JSAGE                           |                         |
|--------|-------------------|-----------------------|---------------------------------|-------------------------|
| MOBILE | SHORT<br>DURATION |                       | INTERMEDIATE<br>TERM STATIONARY | LONG TERM<br>STATIONARY |
|        |                   | <ul> <li>✓</li> </ul> |                                 |                         |

# GENERAL NOTES

| 1. Surfacing operations that cove                       | r or oblite | rate         |       |                 |
|---|-------------|--------------|-------|-----------------|
| existing povement markings                              |             |              |       |                 |
| passing zones clearly marke                             | d with tol  | os os well   |       |                 |
| as having any of the traffic                            |             |              |       |                 |
| detailed on this sheet furnish                          | ned and e   | rected       |       |                 |
| as directed by the Engineer.                            |             |              |       |                 |
|   |             |              |       |                 |
| 2. The devices shown on this sho                        |             |              |       |                 |
| supplement those required b                             |             |              | r     |                 |
| others required elsewhere in                            | the plans   | š.           |       |                 |
| 3. Signs shall be erected as deta                       | lad an ib   | • PC         |       |                 |
| Standards or the Compliant                              |             |              |       |                 |
| Control Devices List (CWZTC)                            |             |              | he    |                 |
| for Short Duration / Short T                            |             |              |       |                 |
| Zone Sign Supports.                                     | •           |              |       |                 |
|   |             |              |       |                 |
| 4. When surfacing operations tak                        | e place a   | n divided    |       |                 |
| highways, freeways or expres                            |             |              |       |                 |
| diamond shaped construction                             | n warning   | signs shall  |       |                 |
| be 48" × 48".   |             |              |       |                 |
|   |             |              |       |                 |
| 5. Signs on divided highways, free                      |             |              | 3     |                 |
| should be placed on both rig                            |             |              |       |                 |
| the roadway based on roadw<br>directed by the Engineer. | way conai   | tions as     |       |                 |
| directed by the Engineer.                               |             |              |       |                 |
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| Texas Department  | t of Trans  | portation    |       | ndard           |
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| © TxDOT October 2022                                    | CONT SEC    |              |       | GHWAY           |
| REVISIONS   | 0050 11     |              |       | S, ETC.         |
| 4-21  |             | COUNTY       | 0.5 0 |                 |
|   |             |              |       | SHEFT NO        |
| 10-22   | DIST        |              |       | SHEET NO.       |
| 10-22   | BRY         | GRIMES, ETC  | •     | SHEET NO.<br>69 |



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| LEGEND Trail Vehicle Shodow Vehicle Work Vehicle Heavy Work Vehicle Truck Mounted Attenuator (TMA) Troffic Flow CAUTION (Atternating Diamond or 4 Corner Flash) TYPICAL USAGE                  |                    |          |                     |
|--|--------------------|----------|---------------------|
| ARROW BOARD DISPLAY Shadow Vehicle Work Vehicle RIGHT Directional Heavy Work Vehicle LEFT Directional Truck Mounted Attenuator (TMA) CAUTION (Attennating Diamond or 4 Corner Flash)           | L                  | EGEND    |                     |
| Shadow Vehicle     RIGHT Directional       Work Vehicle     LEFT Directional       Truck Mounted<br>Attenuator (TMA)     Double Arrow       CAUTION (Alternating<br>Diamond or 4 Corner Flash) | Troil Vehicle      |          |                     |
| Heavy Work Vehicle LEFT Directional<br>Truck Mounted<br>Attenuator (TMA) CAUTION (Atternating<br>Diamond or 4 Corner Flash)  | Shodow Vehicle     |          | ARROW BOARD DISPLAT |
| Truck Mounted<br>Attenuator (TMA) Double Arrow<br>Troffic Flow CAUTION (Alternating<br>Diamond or 4 Corner Flash)  | Work Vehicle       |          | RIGHT Directional   |
| Attenuator (TMA)<br>Troffic Flow CAUTION (Atternating<br>Diamond or 4 Corner Flosh)  | Heovy Work Vehicle | E.       | LEFT Directional    |
| Diamond or 4 Corner Flash)   |                    | <b>e</b> | Double Arrow        |
| TYPICAL USAGE  | Traffic Flow       |          | -                   |
|  |                    |          | AGF                 |
|  |                    |          |                     |

| LE |  | INTERMEDIATE<br>TERM STATIONARY | LONG TERM<br>STATIONARY |
|----|--|---------------------------------|-------------------------|
| 1  |  |                                 |                         |

1. TRAIL, SHADOW, and LEAD vehicles shall be equipped with arrow boards as illustrated. When a LEAD vehicle is not used the WORK vehicle must be equipped with an arrow board. The Engineer will determine if the LEAD VEHICLE and/or TRAIL VEHICLE are required based on prevailing roadway conditions,

2. The use of amber high intensity rotating, flashing, oscillating, or strobe lights on vehicles are required. Blue high intensity rotating, flashing, oscillating or strobe lights when mounted on the driver's side of the vehicle may be operated simultaneously with the amber beacons or strobe lights.

3. The use of truck mounted attenuators (TMA) on the SHADOW VEHICLE and TRAIL VEHICLE

4. Reflective sheeting on the reor of the TMA sholl meet or exceed the reflectivity and color requirements of DEPARTMENTAL MATERIAL SPECIFICATION DMS 8300, Type A.

5. Flashing arrow boards shall be Type B or Type C as per the Barricade and Construction (BC) standards. The board shall be controlled from inside the vehicle.

6. Each vehicle shall have two-way radio communication capability.

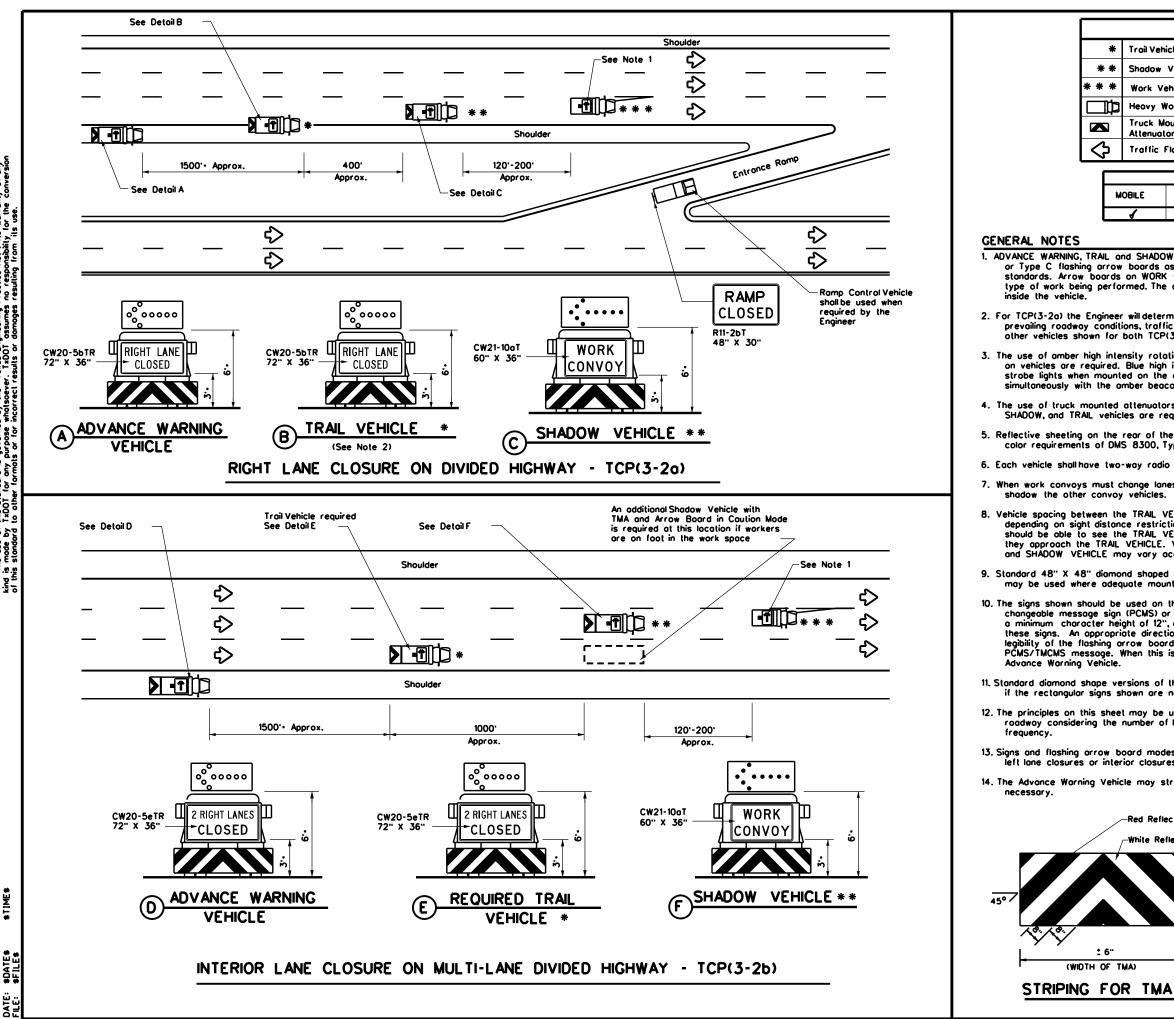
7. When work convoys must change lanes, the TRAIL VEHICLE should change lanes first to

8. Vehicle spocing between the TRAIL VEHICLE and the SHADOW VEHICLE will vary depending on sight distance restrictions. Motorists approaching the work convoy should be able to see the TRAIL VEHICLE in time to slow down and/or change lanes as they approach the TRAIL VEHICLE. Vehicle spacing between the WORK VEHICLE and SHADOW VEHICLE and vehicle spacing between WORK VEHICLE and LEAD VEHICLE may vary according to terrain, work activity and other factors.

9. "X VEHICLE CONVOY" (CW21-10cT) or "WORK CONVOY" (CW21-10aT) signs shall be used on TRAIL VEHICLES and SHADOW VEHICLES as shown. As an option 48" X 48" diamond shaped "WORK CONVOY"(CW21-10T) or "X VEHICLE CONVOY" (CW21-10bT) signs may be used where adequate mounting space exists. When used, the X VEHICLE CONVOY sign shall have the number of the convoy vehicles displayed on the sign in the number designation "X" location. The "X VEHICLE CONVOY" sign shall not be used on the SHADOW VEHICLE

10. On two-lane two-way roadways, the work and protection vehicles should pull over periodically to allow motor vehicle traffic to pass. If motorists are not allowed to poss the work convoy, a "DO NOT PASS" (R4-1) sign should be placed on the back of the

| Red Reflective<br>White Reflective | Texas Departme                | nt of Tran  | sportation       | Traffic<br>Operations<br>Division<br>Standard |
|------------------------------------|-------------------------------|-------------|------------------|---|
| 2 6.<br>Lecient of Twa             | TRAFFIC<br>MOBILE<br>UNDIVIDE | OPEF        | RATIONS          |   |
|                                    | Т                             | CP(3        | - 1) - 13        |   |
| A) T                               | FILE: tcp3-1.dgn              | dn: TxD     | DT CK: TxDOT DW: | TxDOT CK: TxDOT                               |
|                                    | © TxDOT December 1985         | CONT SI     | ст јов           | HIGHWAY                                       |
| R TMA                              | REVISIONS 2-94 4-98           | 0050        | 11 023, ETC.     | BS 6S, ETC.                                   |
|                                    | 8-95 7-13                     | DIST COUNTY |                  | SHEET NO.                                     |
|                                    | 1-97                          | BRY         | GRIMES, ETC      | . 70  |
|                                    | 175                           |             |                  |   |



by the "Texos Engineering Proctice Act". No warronty of any Indiscever. TxDOT assumes no responsibility for the conversion acorrect results or domages resulting from its use. governed purpose w DISCLANNER: The use of this standard is kind is mode by TxDOT for any f of this standard to other formati

> STIMES SDATES SFILES

|      |                         |                               | LEGEN         | )  |                         |                                    |
|------|-------------------------|-------------------------------|---------------|--|-------------------------|------------------------------------|
| *    | Trail Veh               | icle                          |               | ARROW BOARD DI   |                         |                                    |
| *    | Shadow                  | Vehicle                       |               | ARROW BOARD DI   | SPLAT                   |                                    |
| *    | Work Ve                 |                               |               |  |                         |                                    |
| Þ    |                         | lork Vehicle                  |               |  |                         |                                    |
| ]    | Truck Me<br>Attenuat    | or (TMA)                      |               |  |                         |                                    |
| )    | Traffic I               | Flow                          | P             | CAUTION (Alternat<br>Diamond or 4 Cor                                |                         |                                    |
|      |                         |                               | TYPICAL       | USAGE  |                         |                                    |
| M    | OBILE                   | SHORT<br>DURATION             | SHORT TER     |  | LONG TERM<br>STATIONARY |                                    |
|      | 4                       |                               |               |  |                         |                                    |
|      |                         |                               |               |  |                         |                                    |
| row  | boards (                | os per the B                  | larricade an  | pped with Type B<br>d Construction (BC)                              |                         |                                    |
|      |                         |                               |               | Ibased on the<br>operated from                                       |                         |                                    |
|      | وملمان الأسر            | miae if the '                 |               | LE is required based   |                         |                                    |
| ndit | ions, traff             |                               | nd sight dist | tance restrictions. All  |                         |                                    |
|      |                         |                               |               | or strobe lights   |                         |                                    |
| ed.  | Blue high               | intensity ro                  | tating, flash | ing, oscillating or<br>chicle may be operate                         | ed                      |                                    |
|      |                         | cons or stro                  | -             |  |                         |                                    |
|      | attenuato<br>les ore re |                               | the ADVAN     | CE WARNING,  |                         |                                    |
|      | rear of th<br>S 8300, T |                               | meet or ex    | ceed the reflectivity  | and                     |                                    |
|      |                         | o communica                   | ution capabi  | lity   |                         |                                    |
|      |                         |                               | -             | should change lanes  | first to                |                                    |
|      | vehicles.               |                               |               | 2  |                         |                                    |
| tan  | ce restric              | tions. Motor                  | ists approa   | W VEHICLE will vary<br>ching the work convo<br>down and/or change    |                         |                                    |
| AIL  | VEHICLE.                | Vehicle spo                   | cing betwee   | n the WORK VEHICLE<br>k activity and other                           |                         |                                    |
| imo  | nd shaped               | -                             | ns with the   | some message as t  |                         |                                    |
|      |                         |                               |               | ehicle. As an option,  |                         |                                    |
| hei  | ght of 12"              | , and display                 | ing the san   | ngeable message sign<br>ne legend may be sul<br>Ilating the size and | bstituted for           |                                    |
| g o  | rrow boai<br>When this  | rd, must be i                 | used in the   | second phase of the<br>rd will not be required                       |                         |                                    |
| ve   | ersions of              | the CW20-5<br>not available   |               | ns may be used as a  | n option                |                                    |
|      |                         |                               |               | om the left side of t<br>ight distance,and ram                       |                         |                                    |
|      |                         | es shall be a<br>es which clo |               | oltered when implem<br>lones.  | nenting                 |                                    |
| ehio | ie may s                | traddle the o                 | edgeline who  | en shoulder width mak  | es it                   |                                    |
|      |                         |                               |               |  |                         | Traffic                            |
| /    | -Red Refle              |                               |               | Texas Department o   | f Transportation        | Operations<br>Division<br>Standard |
| _/   | -White Re               | flective                      |               | ·····  |                         | Stanuaru                           |
| Ń    |                         |                               |               | TRAFFIC CO   | ONTROL PL               | AN                                 |
|      |                         |                               | 5             | MOBILE O   | PERATIONS               | 5                                  |
|      |                         | 9 - 1<br>- 9 - 1<br>- 4       |               | DIVIDED  | HIGHWAYS                |                                    |
|      |                         | <b></b>                       | : 1           |  |                         |                                    |

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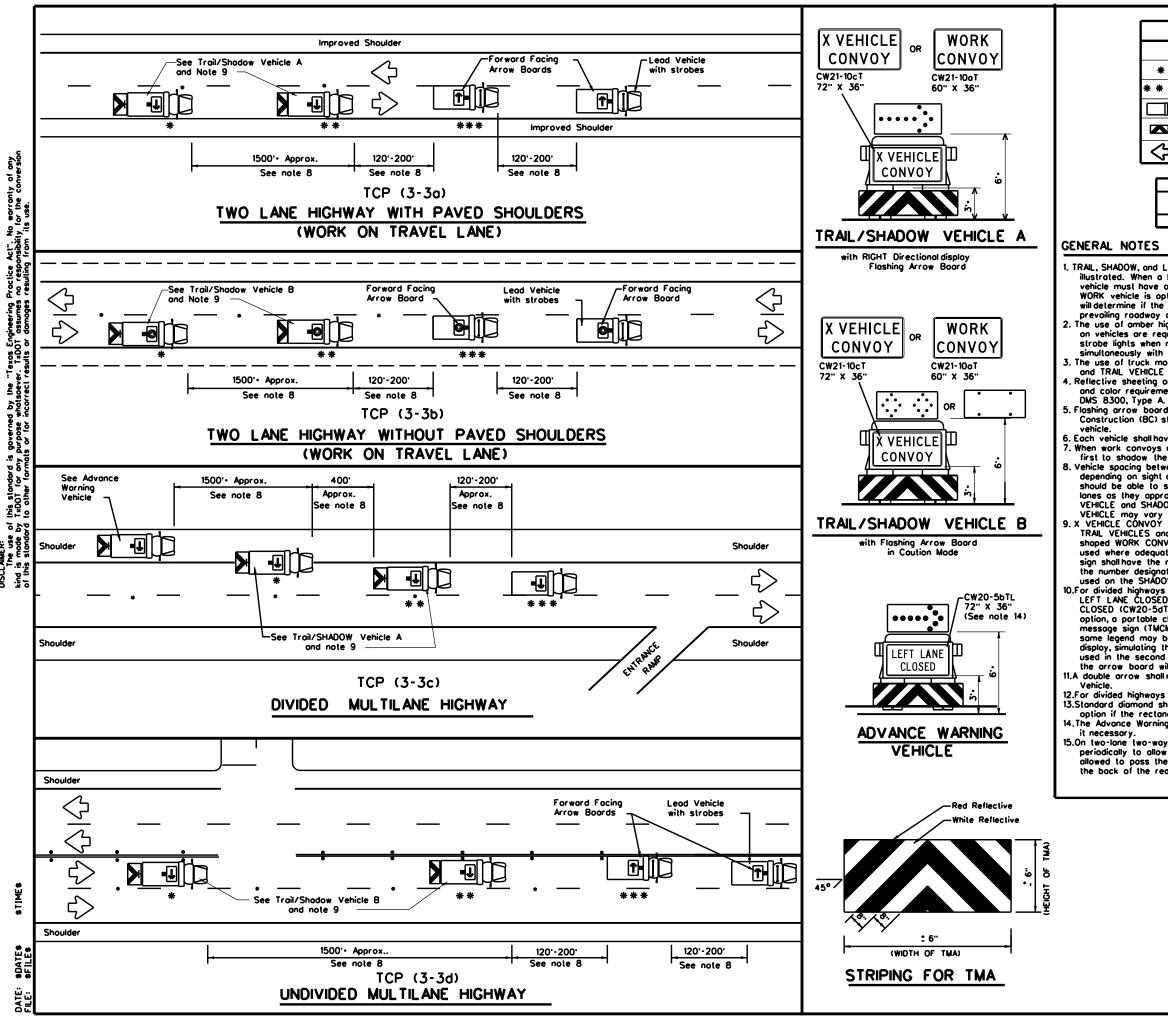
 $\diamondsuit$ 

: 6"

(WIDTH OF TMA)

|                        | T             | CP(3   | <b>3 -</b> 2 | 2)-1.     | 3   |         |           |
|------------------------|---------------|--------|--------------|-----------|-----|---------|-----------|
| FILE:                  | tcp3-2.dgn    | dn: Tx | DOT          | ск: ТхDOT | DW: | TxDOT   | ск: TxDOT |
| © ⊺xDOT                | December 1985 | CONT   | SECT         | JOB       |     | HIGHWAY |           |
| 2-94 4-9               | REVISIONS     | 0050   | 11           | 023, ET   | С   | 8S      | 6S, ETC   |
| 2-94 4-98<br>8-95 7-13 |               | DIST   |              | COUNTY    |     |         | SHEET NO. |
| 1-97                   |               | BRY    |              | GRIMES, E | TC  |         | 71        |

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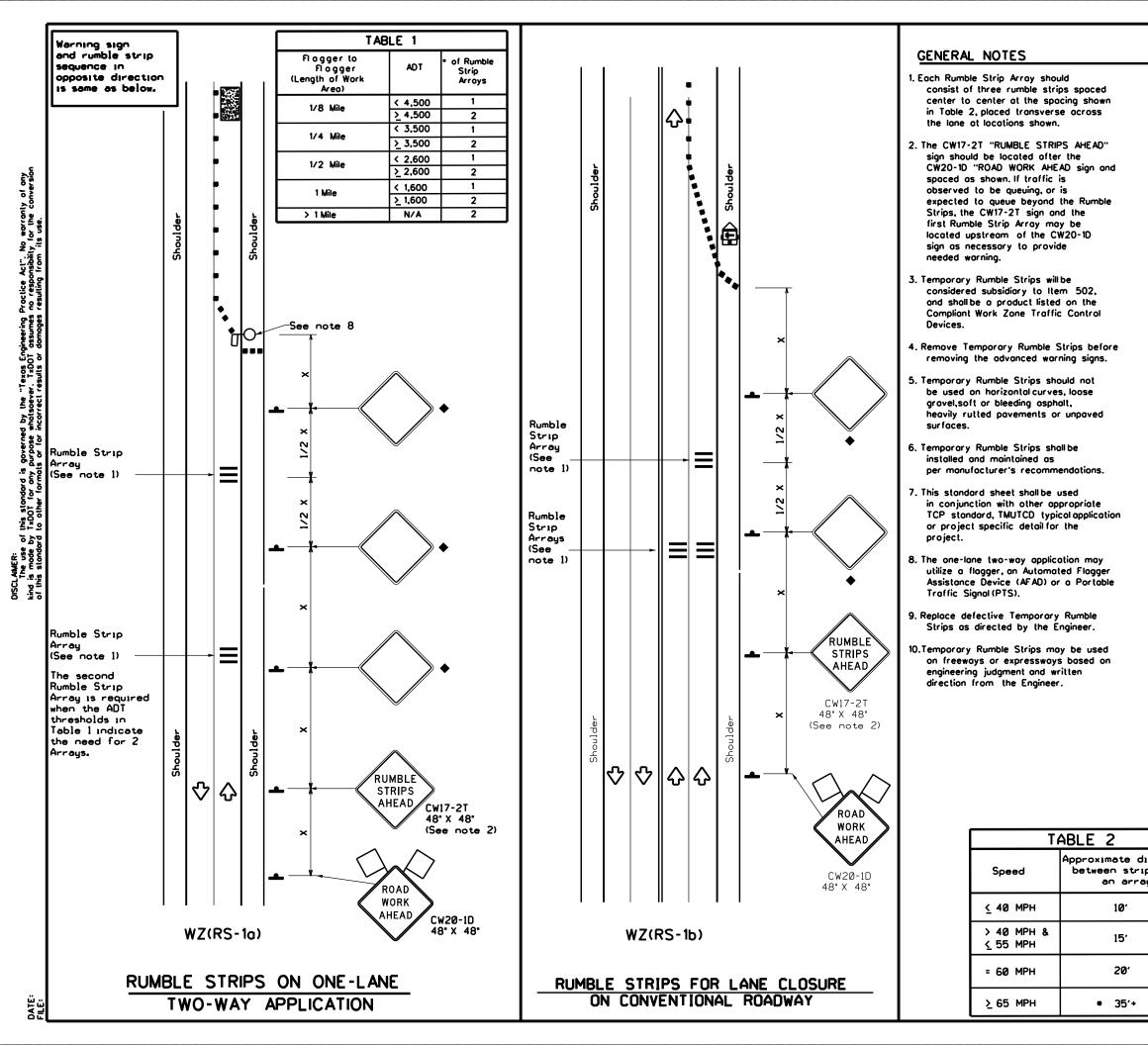


|                | L                                 | LEGEND   |  |  |  |  |  |  |
|----------------|-----------------------------------|----------|--|--|--|--|--|--|
| *              | Troil Vehicle                     |          | ARROW BOARD DISPLAY                                |  |  |  |  |  |
| * *            | Shodow Vehicle                    |          | ARRUW BUARD DISPLAT                                |  |  |  |  |  |
| * * *          | Work Vehicle                      |          | RIGHT Directional                                  |  |  |  |  |  |
| þ              | Heavy Work Vehicle                |          | LEFT Directional                                   |  |  |  |  |  |
|                | Truck Mounted<br>Attenuator (TMA) | <b>₽</b> | Double Arrow                                       |  |  |  |  |  |
| $\diamondsuit$ | Traffic Flow                      |          | CAUTION (Alternating<br>Diamond or 4 Corner Flash) |  |  |  |  |  |

| TYPICAL USAGE |                   |  |                                 |                         |  |  |  |
|---------------|-------------------|--|---------------------------------|-------------------------|--|--|--|
| MOBILE        | SHORT<br>DURATION |  | INTERMEDIATE<br>TERM STATIONARY | LONG TERM<br>STATIONARY |  |  |  |
| 4             |                   |  |                                 |                         |  |  |  |

1. TRAIL, SHADOW, and LEAD vehicles shall be equipped with arrow boards as illustrated. When a LEAD vehicle is not used on two way roads the WORK Illustrated. When a LEAD vehicle is not used on two way roads the WORK vehicle must have an arrow board. For divided roadways, the arrow board on the WORK vehicle is optionalbased on the type of work being performed. The Engineer will determine if the LEAD vehicle and/or TRAIL vehicle are required based on prevailing roadway conditions, traffic volume, and sight distance restrictions.
2. The use of amber high intensity rotating, flashing, oscillating, or strobe lights on vehicles are required. Blue high intensity rotating, flashing, oscillating, or strobe lights when mounted on the driver's side of the vehicle may be operated simultaneously with the amber beacons or strobe lights.
3. The use of truck mounted attenuitars (TMA) on the SHADOW VEHICLE ADVANCE WAY. 3. The use of truck mounted attenuators (TMA) on the SHADOW VEHICLE, ADVANCE WARNING and TRAIL VEHICLE are required.
 4. Reflective sheeting on the rear of the TMA shall meet or exceed the reflectivity and color requirements of DEPARTMENTAL MATERIAL SPECIFICATION Flashing arrow boards shall be Type B or Type C as per the Barricade and Construction (BC) standards. The board shall be controlled from inside the venicle.
6. Each vehicle shall have two-way radio communication capability.
7. When work convays must change lanes, the TRAIL VEHICLE should change lanes first to shadow the other convay vehicles.
8. Vehicle spacing between the TRAIL VEHICLE and the SHADOW VEHICLE will vary discretion and the convay. depending on sight distance restrictions. Motorists approaching the convoy should be able to see the TRAIL VEHICLE in time to slow down and/or change should be able to see the TRAIL VEHICLE in time to slow down and/or change lanes as they approach the TRAIL VEHICLE. Vehicle spacing between the WORK VEHICLE and SHADOW VEHICLE and vehicle spacing between WORK VEHICLE and LEAD VEHICLE may vary according to terrain, work activity and other factors. .X VEHICLE CONVOY (CW21-10cT) or WORK CONVOY (CW21-10aT) signs shall be used on TRAIL VEHICLES and SHADOW VEHICLES as shown. As an option 48" x 48" diamond shaped WORK CONVOY (CW21-10T) or X VEHICLE CONVOY (CW21-10bT) signs may be used where adequate mounting space exists. When used, the X VEHICLE CONVOY sign shall have the number of the convoy vehicles displayed on the sign in the number designation "X" location. The X VEHICLE CONVOY sign shall not be used on the SHADOW VEHICLE if a TRAIL VEHICLE is used. .For divided highways with two or three lanes in one direction, the appropriate 10.For divided highways with two or three lanes in one direction, the appropriate LEFT LANE CLOSED (CW20-5bTL), RIGHT LANE CLOSED (CW20-5bTR), or CENTER LANE CLOSED (CW20-5dT) sign should be used on the Advance Warning Vehicle. As an option, a portable changeable message sign (PCMS) or truck mounted changeable message sign (TMCMS) with a minimum character height of 12", and displaying the same legend may be substituted for these signs. An appropriate directional arrow display, simulating the size and legibility of the flashing arrow board may be used in the second phase of the PCMS/TMCMS message. When this is done, the arrow board will not be required on the Advance Warning Vehicle. 11.A double arrow shall not be displayed on the arrow board on the Advance Warning 12.For divided highways with three or four lanes in each direction, use TCP(3-2). 13.Standard diamond shape versions of the CW20-5 series signs may be used as an option if the rectangular signs shown are not available. 14. The Advance Warning Vehicle may straddle the edgeline when Shoulder width makes 15.On two-lane two-way roadways, the work and protection vehicles should pull over periodically to allow motor vehicle traffic to pass. If motorists are not allowed to pass the work convoy, a DO NOT PASS (R4-1) sign should be placed on the back of the rearmost protection vehicle. Traffic Operation \*\*\* Division Standard Texas Department of Transportation TRAFFIC CONTROL PLAN MOBILE OPERATIONS RAISED PAVEMENT MARKER INSTALLATION/ REMOVAL TCP(3-3)-14

|                        |        |      | 1-1       |       |       |           |
|------------------------|--------|------|-----------|-------|-------|-----------|
| F⊪E: tcp3-3.dgn        | dn: Tx | DOT  | ск: ТхDOT | DW: 1 | TxDOT | ск: TxDOT |
| © TxDOT September 1987 | CONT   | SECT | JOB       |       | HIG   | HWAY      |
| REVISIONS 2-94 4-98    | 0050   | 11   | 023, ET   | C.    | BS 65 | S, ETC.   |
| 8-95 7-13              | DIST   |      | COUNTY    |       |       | SHEET NO. |
| 1-97 7-14              | BRY    |      | GRIMES, E | TC.   |       | 72        |
| 177                    |        |      |           |       |       |           |



|           | LEGEND                                  |   |  |  |  |  |  |  |
|-----------|---|---|--|--|--|--|--|--|
|           | Type 3 Barricade                        |   | Channelizing Devices                       |  |  |  |  |  |
|           | Heavy Work Vehicle                      | K | Truck Mounted<br>Attenuator (TMA)          |  |  |  |  |  |
|           | Trailer Mounted<br>Flashing Arrow Panel |   | Portable Changeable<br>Message Sign (PCMS) |  |  |  |  |  |
| -         | Sign                                    | Ŷ | Traffic Flow                               |  |  |  |  |  |
| $\square$ | Flag                                    | ٩ | Flagger                                    |  |  |  |  |  |

| Posted<br>Speed | Formula                  | D                | Minimum<br>Jesiroble<br>Jer Lengt<br>x x |                           | Suggested<br>Spacing<br>Channeli<br>Devi | g of<br>izing    | Minimum<br>Sign<br>Spocing<br>"X" | Suggested<br>Longitudinol<br>Buffer Spoce |
|-----------------|--------------------------|------------------|--|---------------------------|--|------------------|-----------------------------------|---|
| ×               |                          | 10°<br>Offset    | 11 <sup>.</sup><br>Offset                | 12 <sup>.</sup><br>Offset | On o<br>Toper                            | On a<br>Tangent  | Distance                          | 8   |
| 30              | 2                        | 150 <sup>.</sup> | 165'                                     | 180'                      | 30'                                      | 60 <sup>.</sup>  | 120'                              | 90'                                       |
| 35              | L. <u>WS<sup>2</sup></u> | 205'             | 225'                                     | 245'                      | 35'                                      | 70'              | 160'                              | 120'                                      |
| 40              | 60                       | 265'             | 295'                                     | 320'                      | 40'                                      | 80'              | 240'                              | 155'                                      |
| 45              |                          | 450              | 495'                                     | 540'                      | 45'                                      | 90'              | 320'                              | 195'                                      |
| 50              |                          | 500'             | 550                                      | 600.                      | 50 <sup>.</sup>                          | 100'             | 400'                              | 240'                                      |
| 55              | L·WS                     | 550 <sup>.</sup> | 605                                      | 660'                      | 55'                                      | 110'             | 500'                              | 295'                                      |
| 60              |                          | 600.             | 660                                      | 720'                      | 60 <sup>.</sup>                          | 120'             | 600'                              | 350'                                      |
| 65              |                          | 650'             | 715'                                     | 780'                      | 65'                                      | 130 <sup>.</sup> | 700'                              | 4 10'                                     |
| 70              |                          | 700'             | 770                                      | 840'                      | 70'                                      | 140'             | 800'                              | 475'                                      |
| 75              |                          | 750 <sup>.</sup> | 825 <sup>.</sup>                         | 900.                      | 75 <sup>.</sup>                          | 150'             | 900'                              | 540'                                      |

× Conventional Roads Only

 $x \neq$  Toper lengths have been rounded off.

L-Length of Taper(FT) W-Width of Offset(FT) S-Posted Speed(MPH)

| TYPICAL USAGE |                   |                          |                                 |                         |  |  |  |
|---------------|-------------------|--------------------------|---------------------------------|-------------------------|--|--|--|
| MOBILE        | SHORT<br>DURATION | SHORT TERM<br>STATIONARY | INTERMEDIATE<br>TERM STATIONARY | LONG TERM<br>STATIONARY |  |  |  |
|               | 4                 | 1                        |                                 |                         |  |  |  |

- Signs are for illustrative purposes only. Signs required may vary depending on the TCP,TMUTCD Typical Application, or project specific details for the project.
- For posted speeds in excess of 65 MPH, it is recommended that spacing is increased as speed limits increase. Increasing space between rumble strips will improve effectiveness.

|                      | Texas Department                                      | t of Transp            | oortation            | Sa<br>Div | affic<br>afety<br>/ision<br>ndard |
|----------------------|---|------------------------|----------------------|-----------|-----------------------------------|
| stance<br>ps in<br>y | TEMPORARY   | RUM                    |                      | TRI       | PS                                |
|                      | W7  | (PC)-                  | <b>วว</b>            |           |                                   |
|                      | WZ  | <u>(RS)-2</u>          | 22                   |           |                                   |
|                      | <b>WZ</b><br>۶۳۷.۶                                    | (RS)-2                 |                      | TxDOT     | ск: TxDOT                         |
|                      |   |                        |                      | 1         | ck: TxDOT<br>shway                |
|                      | FILE: wzrs22.dgn<br>CTxDOT November 2012<br>REVISIONS | DN: TxDOT              | ск: TxDOT dw:        | ню        |                                   |
|                      | FILE: wzrs22.dgn C TxDOT November 2012                | DN: TXDOT<br>CONT SECT | ск: TxDOT dw:<br>Job | BS        | GHWAY                             |