SUBJECT: PLANS AND PROPOSAL ADDENDUMS
PROJECT: STP 2024(041)MM CONTROL: 0047-06-158
COUNTY: COLLIN
LETTING: 08/03/2023
REFERENCE NO: 0721

PROPOSAL ADDENDUMS

_ PROPOSAL COVER
X BID INSERTS (SH. NO.: ALL)
X GENERAL NOTES (SH. NO.: ALL)
_ SPEC LIST (SH. NO.:)
_ SPECIAL PROVISIONS:
ADDED:

DELETED:

_ SPECIAL SPECIFICATIONS:
ADDED:

DELETED:

X OTHER: SEE BELOW

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

***** BID ITEMS *****

REVISED ITEMS 416-6004, 420-6043, 420-6068, 514-6005.

***** GENERAL NOTES *****

ALL SHEETS REPLACED DUE TO THE ABOVE CHANGES

***** PLAN SHEETS *****

REPLACED THE FOLLOWING SHEEETS DUE TO THE ABOVE CHANGES:
31, 31A-31K, 32, 32A-32F, 38, 49, 64, 68-72, 456-516, 561, 563

SPECIFICATION DATA

Table 1: Soil Constants Requirements				
Item	Description	Plasticity Index		Note
		Max	Min	
132	Embk(DC) (Type C1)	40	8	1
132	Embk(DC) (Type C2)	25	8	2

Note 1: Material excavated from the project must meet the PI requirements when used in the top 10 feet of embankment that supports the pavement structure or other locations shown in the plans. Do not use shale and obtain approval to incorporate shaley clay produced by the construction project.

Note 2: Use as a non-select embankment backfill as defined under Item 423.2.4.1. Use as an embankment to backfill behind abutments to the extent of the approach slab or to backfill areas enclosed by an abutment and other locations as shown in the plans.

Table 1: Basis of Estimate for Permanent Construction					
Item	Description	Thickness	Rate		Quantity
161	Compost Manufactured Topsoil (4”)	N/A	See Specifications		6583 SY
162	Block Sod	N/A	See Specifications		6583 SY
166 *	Fertilizer (12-6-6)	N/A	500	Lbs./Ac	0.35 Ton
168	Vegetative Watering (Warm)**	N/A	12	MG/Ac/Day	1517 MG
*For contractor’s information only **Use Summer rate for calculation, adjust for actual field conditions/temperatures as necessary. See Vegetation Establishment Plan Sheet for estimated daily rates. ***Portland Concrete Cement					
Note: (1) Base material weight based on 1.50 Ton/CY (dry- compacted) (2) Asphalt weight based on 110 Lbs./SY/In					

Table 3: Basis of Estimate for Temporary Erosion Control Items				
Item	Description	Rate		Quantity
164	Drill Seeding (Temp) (Warm or Cool)	See Specifications		6333 SY
166*	Fertilizer (12-6-6)	500	Lb/Ac	0.35 Ton
168	Vegetative Watering (Warm)**	12	MG/Ac/Day	423 MG
*For Contractor’s Information Only. **Use Summer rate for calculation, adjust for Actual Field Conditions/Temperatures as Necessary. See Vegetation Establishment Sheet for estimated daily rates.				

Table 2: Basis of Estimate for Finish Colors (Items 427) [1]		
Element	Color	Specification Number [2]
CTB, SSCB	Maple Sugar (5a)	33617
Columns	Maple Sugar (5a)	33617
Deflection Walls	Maple Sugar (5a)	33617

1. Unless otherwise noted, it is the intent of these plans that all exposed surfaces (concrete or steel) of bridges, retaining walls, concrete traffic railing and concrete traffic barrier be given a tinted coating as shown or as directed. Such coating shall meet the applicable provisions of Item 427 or Item 446.

2. Federal Standard 595 colors.

GENERAL

The construction, operation and maintenance of the proposed project will be consistent with the state implementation plan as prepared by the Texas Commission on Environmental Quality.

The disturbed area for this project, as shown on the plans is 5.3 acres. However, the Total Disturbed Area (TDA) will establish the required authorization for storm water discharges. The TDA of this project will be determined by the sum of the disturbed area in all project locations in the contract, and all disturbed area on all Project-Specific Locations (PSL) located in the project limits and/or within 1 mile of the project limits. The department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction site as shown on the plans, according to the TDA of the project. The contractor will obtain any required authorization from the TCEQ for the discharge of storm water from any PSL for construction support activities on or off of the project row according to the TDA of the project. When the TDA for the project exceeds 1 acre, provide a copy of the appropriate application of permit (NOI, or Construction Site Notice) to the engineer, for any PSL located in the project limits or within 1 mile of the project limits. Follow the directives and adhere to all requirements set forth in the TCEQ, Texas Pollution Discharge Elimination System, Construction General Permit (TPDES, CGP).

CSJ: 0047-06-158,ETC.

County: Collin

Highway: US 75

This project required permitting with environmental resources agencies as outlined in the plan set Environmental Permits, Issues, and Commitments (EPIC) Sheet. There is a high probability that an environmentally sensitive area could be encountered on the contractor designated Project-Specific Locations (PSL) for this project (haul roads, equipment staging areas, borrow pits, disposal sites, field offices, storage areas, parking areas, etc.). Item 7.6 “Project-Specific Locations”, provides a listing of regulatory agencies that may need to be contacted regarding this project.

Provide the Engineer with a copy of all DBE subcontractor agreements prior to commencing work.

Leave all right of way areas undisturbed until actual construction is to be performed in said areas.

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

or Contractor questions on this project are to be addressed to the following individual(s):

Jennifer Vorster Jennifer.Vorster@txdot.gov
Gerald Waltman Gerald.Waltman@txdot.gov

Contractor questions will be accepted through email, phone, and in person by the above individuals.

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.

Provide as-built cable interconnection diagrams and communication network schematics at least 30 days prior to the start of data communications testing.

All materials and services not expressly called for in the specification or not shown in the plans, which may be necessary for complete and proper construction of the “ITS” Network, will be performed, furnished and installed at no cost to the Departmnet.

The Contractor shall ensure that the existing Dallas District ITS remains operational throughout the construction duration with a minimal lapse (48 hours maximum per outage for ITS) in video or data transmission unless otherwise approved by the Engineer

To minimize “down time” to the Dallas District ITS System, the relocation of power conductors shall be performed during a single weekend (9:00 pm Friday through 5:00 am Monday).

County: Collin

Highway: US 75

Contact the TxDOT Freeway Management Office (214-320-6602) at least 48 hours in advance of performing any work on this project that disconnects or reconnects existing TxDOT “ITS” fiber optic cable. TxDOT “ITS” personnel must be on-site while this work is performed.

The Contractor shall coordinate with LBJ Infrastructure Group at least one week in advance of any closures of the US 75 NB and SB HOV lane flyover to IH-635.

The following standard detail sheets have been modified:
C-RAIL-R(MOD)

Technology Zone General Notes

Contractor and Technology Systems Integrator Coordination
Coordinate with the Engineer and the Department’s Systems Integrator prior to and during the installation of associated technology conduit and conduit stub-ups. Notify the Engineer in writing when all work within all the technology zones are estimated to be 30 days from completion. Such technology zone work includes (but is not limited to) the following:

A. Construction of the structure foundations in accordance with the plans.
B. Construction of conduit and ground boxes for future electrical conductors and communications cable.
C. Installation of lightning protection system for the technology zone, including conduits and conductors, as shown on drawings and in accordance with Item 6406.

Item 5:
Underground utilities owned by the Texas Department of Transportation may be present within the Right-Of-Way on this project. For signal, illumination, surveillance, and communications & control maintained by TxDOT, call the TxDOT Traffic Signal Office (214-320-6682) for locates a minimum of 48 hours in advance of excavation. For irrigation systems, call TxDOT Landscape Office (214-320-6205) for locates a minimum of 48 hours in advance of excavation. If city or town owned irrigation facilities are present, call the appropriate department of the local city or town a minimum of 48 hours in advance of excavation. The Contractor is liable for all damages when utilities are damaged due to Contractor’s negligence including, but not limited to, repair or replacement at the Contractor’s expense.

For the project to be deemed complete, permanently stabilize all unpaved disturbed areas of the project with a vegetative cover at a minimum of 70% density for the control of erosion.

Place construction stakes/station markings at intervals of no more than 100 feet or as directed by the Engineer. Place stakes and markings so as not to interfere with normal construction operations.

Submit all shop drawings, working drawings, or other documents which require review sufficiently in advance of scheduled construction to allow no less than thirty (30) calendar days for review and response.

When a precast or cast-in-place concrete element is included in the plans, a precast concrete alternate may be submitted in accordance with “Standard Operating Procedure for Alternate

Precast Proposal Submission" found online at https://www.txdot.gov/inside-txdot/forms-publications/consultants-contractors/publications/bridge.html#design. Acceptance or denial of an alternate is at the sole discretion of the Engineer. Impacts to the project schedule and any additional costs resulting from the use of alternates are the sole responsibility of the Contractor.

Item 6:
To comply with the latest provisions of Build America, Buy America Act (BABA Act) of the Bipartisan Infrastructure Law, the contractor must submit a notarized original of the TxDOT Construction Material Buy America Certification Form for all items classified as construction materials. This form is not required for materials classified as a manufactured product.

Refer to the Buy America Material Classification Sheet for clarification on material categorization.

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:
Repair or replace any structures and utilities that might have been damaged by negligence or a failure to have utility locates performed.

Perform all electrical work in accordance with the National Electrical Code and Texas Department of Transportation Specifications.

Consult with appropriate electric company representatives according to their respective area to coordinate electrical services installations.

Holiday restrictions – The Engineer may decide that no lane closures or construction operations shall be allowed during the restricted periods listed in the following holiday schedule. TxDOT has the right to lengthen, shorten, or otherwise modify these restricted periods as actual, or expected, traffic conditions may warrant. Working days will not be charged for these restricted periods. No additional compensation will be allowed for these closures (i.e., overhead, delays, stand-by, barricades or any other associated cost impacts).

- New Year's Eve and Day (5 am on December 31 thru 10:00 pm January 1)
- Easter Holiday weekend (5 am on Friday thru 10:00 pm Sunday)
- Memorial Day weekend (5 am on Friday thru 10:00pm Monday)
- Independence Day (5 am on July 3 thru 10:00 pm on July 5)
- Labor Day weekend (5 am on Friday thru 10:00 pm Monday)
- Thanksgiving Holiday (5 am on Wednesday thru 10:00 pm Sunday)
- Christmas Holiday (5 am on December 23 thru 10:00 pm December 26)

No significant traffic generator events identified.

Item 8:
This Project will be a Six-Day Workweek in accordance with Article 8.3.1.2.

Nighttime work is allowed in accordance with Article 8.3.3.

Meet weekly with the engineer to notify him or her of planned work for the upcoming week.

Provide the engineer with a daily work schedule of planned work.

A 90 day delay start is included in the project for contractor mobilization.

Critical Path Method (CPM) schedule in P6 format will be required for this project. Submit baseline schedule and obtain approval prior to beginning construction. The Estimate will be held if monthly schedule update is not submitted.

Per Special Provision 008-045, this contract includes Lane Closure Assessment Fees for lane closures that remain in place and impeding traffic on the mainlanes of US 75 after the specified closure time has elapsed. Lane closure times and Lane Closure Assessment Fees are addressed under Item 502.

The disincentive deductions will be in addition to the Schedule of Liquidated Damages (SP000-1243) for this project.

Table 8-1

Milestone No.	Type	Milestone Description	Milestone Duration	Daily Incentive /Disincentive Rate
1	Disincentive	Construction of the median barrier from 93+00 to 108+50, signs, removal of existing signs, and other incidental construction within and near these limits as noted in Phase 3 Step 2 of the Traffic Control Plan. Time charges for the Milestone shall begin on the first day of closure of either the southbound US 75 wishbone access to IH 635 Express Lanes or the IH 635 Express Lanes wishbone access to US 75 northbound mainlanes. The Milestone ends once the median barrier reconstruction and sign structure construction has been approved by the Engineer and the southbound US 75 wishbone access to IH 635 Express Lanes and the IH 635 Express Lanes wishbone access to US 75 northbound mainlanes are open to traffic.	18 Working Days	$10,000/working day. There is a cap of 100 max disincentive working days.

2	Incentive	This milestone is for early completion of the permanent illumination shown in the plans prior to the completion of the overall project. Milestone begins on day 1 of times charges to the project. The Milestone is achieved once all permanent proposed illumination facilities throughout the project are complete with construction and burning per the specifications less the maintenance periods. Incentive days will be calculated as the difference between the initial as bid total contract working days and milestone completion.	Initial as bid contract working days	$2000/working day incentive. There is a cap of 500 max working incentive days.
3	Disincentive	This Milestone is for failure to maintain existing, temporary or proposed illumination throughout the corridor. Discincentive begins after failure of contractor to remedy defect of illumination within 7 calendar days of notification of issue by Engineer. Milestone is enforced at each instance of notification by Engineer to contractor of failure to maintain illumination.	7 calendar days after notification.	$1000/ calendar day discentive.

Item 100:
Remove the existing roadway small signs, delineators and object markers as shown on the plans, or as directed, during construction within the right of way. Small sign, delineator and object marker removals are subsidiary to this Item.

The limits of preparing right of way will be measured from along the centerline of construction as shown on the project layout sheet.

Item 104:
Sawing of concrete is not paid for directly, but is considered subsidiary to this item.

Excavated shale is not an acceptable material for embankment.

Items 110 and 132:
Scarify and loosen the excavated areas, unpaved surface areas, except rock, to a depth of at least 8 inches and compact in accordance with the specifications.

Item 132:
Excavated material from the project site has not been determined to be suitable for embankment. The bidder assumes all risk for the use of excavated materials for embankment and is expected to meet all material requirements for embankment regardless of the source.
Perform Tex-106-E (Plasticity Index) by an approved laboratory on excavated soils from sources outside right of way when used in roadway embankment. Provide the test results at no expense to the department. The engineer will sample and test soils produced by the construction project for specification requirements or material sources specified in the plans.

Earth embankment Type C, is mainly composed of material other than shale. Furnish material that is free from vegetation or other objectionable material and that conforms to the requirements of Table 1 (Sheet A). If necessary, treat material with lime slurry in accordance with Item 260, “Lime Treatment (Road-Mixed)” in order to meet these requirements. Use Tex-121-E, figure 1, page 4 to calculate the amount of lime required. When lime treated subgrade is specified, 3000 PPM is the maximum allowed sulfate content in the top 3 feet when material comes from borrow source. Follow recommendations of 260.4.4 for mixing and mellowing. The engineer will test material placed or excavated to a depth of one foot below and laterally to one foot outside the proposed treatment limit. Lime treatment of this material will not be paid for directly, but will be considered subsidiary to this item.

Do not use shaley clays in embankment unless approved in writing.

Item 160:
Sequence construction operations to salvage topsoil from one location and spread on areas ready to receive topsoil. Keep stockpiling of topsoil to a minimum.

Use fertile clay or loam from the project site not more than six inches below natural grade as topsoil.

Item 161:
Provide tickets representing quantity of compost delivered to site.

Item 301:
Provide liquid antistripping agents unless otherwise directed. Add the minimum dosage determined by the manufacturer or higher dosage determined by design requirement and try subsequent trials at 0.25% increments.

Item 360:
Use of multiple piece tiebars will be required. Provide chairs for multiple piece tiebars, threaded connectors or other adequate devices, used in concrete paving, or tie them to the pavement reinforcing steel. If approved by the engineer for specific areas, in lieu of multiple piece tiebars, drill holes into the pavement and grout straight tiebars in place with epoxy. Use a non-impact, rotary core drill to prevent damage to the pavement unless otherwise directed. Clean the drill holes and then completely fill with epoxy before inserting the tiebar. Do not bend the tiebars or insert them into plastic concrete without the approval of the engineer.

If asphalt curing is used, cure the concrete pavement with MS-2.

Stockpile the concrete aggregates at the plant site.

Provide pavement widening joints, as detailed in the plans, at all locations where concrete pavement is placed adjacent to existing concrete pavement. Installation of these joints is not paid for directly, but is considered subsidiary to this item.

Payment for furnishing and installing the pre-molded expansion joint material between the retaining walls and concrete pavement is not paid for directly, but is considered subsidiary to this item.

Provide a curing machine equipped with rubber tires, or other acceptable arrangement, so that the machine will span the pavement and monolithic curb.

Place construction, sawed and contraction joints in accordance with the pavement detail sheet and as directed. Joint locations, other than as shown on the plans, are subject to approval.

If a traveling form paver is used, provide one equipped with an electronically operated horizontal control device.

Use "mechanical steel placing equipment" at the discretion of the engineer.

If more than 30% of an area in any 1000-Ft section of roadway requires grinding, action will be taken by the Contractor to make that 1000-Ft full width section uniform without changing ride quality, compromising quality of pavement and decreasing skid resistance. Approved blasting method or other method approved by the Engineer will be performed at the Contractor's expense.

Item 416:
Extend drilled shaft foundations for overhead sign structures minimum five feet into rock at locations where rock is encountered at a depth less than the drilled shaft lengths shown in the plans.

Provide a formed smooth finish for all portions of drill shafts extending above proposed ground. Include cost for this work in the unit bid price for this item.

Base all drilled shaft foundations for overhead sign structures on the lengths shown on the plans or as approved in writing. Make calculations for measurement of foundations in accordance with Article 9.1 of the standard specifications. Measure increase or decreases in the quantities required by change in design as specified and the revised quantities will be the basis for payment.

Use concrete classified as "miscellaneous concrete" for ground mounted sign foundations, with the exception of large roadside signs and overhead sign structures.

Do not install PVC and/or rigid metal conduit in sign foundations for sign structures without sign lights.

Payment will be made only once for drilling the shaft regardless of the extra work caused by obstructions.

Item 420:
Apply an ordinary surface finish to all concrete surfaces within 30 days after form removal.

Item 421:
Furnish mix designs to the Engineer in a format compatible to the latest version of the Department's Construction Management System (Site Manager). Mix Design templates will be provided by the Engineer.

Provide High Performance Concrete (HPC) of the class specified for all railing and permanent concrete traffic barrier placed on bridges or approach slabs. HPC concrete is not required for portions of rail or concrete traffic barrier not located on a bridge.

Provide sulfate resistant concrete for box culverts and all drilled shafts.

Strength evaluation using maturity testing, Tex-426-A, may be used for all concrete elements except drilled shafts and mass concrete pours.

Provide a digital hydraulic compression testing Machine and accessories. The machine shall have a minimum testing range of 2500 pounds force to 250,000 pounds force with a hydraulic switching valve to allow for rapid advancing, hold, controlled advancing and rapid retracting. The machine shall have a load cell to measure compressive forces within the testing range and shall be calibrated and verified in accordance with ASTM latest version. The Machine can meet or exceed the following when approved by the Engineer:

ELE International ACCU-TEK250 Digital Compression Tester including accessories or Forney F-250EX Standard Compression Machine including accessories or TxDOT approved equal. Supply the Engineer with a list of certified personnel and copies of their current ACI certificates before beginning production and when personnel changes are made. Supply hard copies of calibration reports for testing equipment when required by the Engineer.

Item 440:
Provide reinforcing steel with epoxy coating meeting the requirements of item 440 for the following bridge components: approach slab, slab, sidewalk, median, concrete traffic barrier, and rail.

Epoxy coated reinforcing is not required for portions of rail or concrete traffic barrier not located on a bridge.

All ties, chairs and other appurtenances used with epoxy coated reinforcing shall be epoxy coated or non-metallic.

Fiber Reinforced Concrete (FRC) can be used as a substitute for Non-Structural Class Reinforced Concrete in Mow-Strip and Rip Rap Items as approved. FRC may also be used for other Non-Structural Class Reinforced Concrete Items as approved.

Item 442:
Use temperature Zone 1 for CVN testing.

Item 449:
Use Thomas & Betts Kopr-Shield, MG Chemicals #846, MG Chemicals #8463, NYOGEL #756G, Pro-Shield #7308, Cho-Lube #4220, or other approved electrically conducting lubricant compound.

Item 500:
Material On Hand (MOH) will not be used in calculating partial payments for Mobilization.

Item 502:
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 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.

Access will be provided to all business and residences at all times. Where turning radii are limited during phased construction at intersections, provide all weather surfaces such as RAP or base in turning movements to accommodate and to protect the traffic from edge drop-offs. Materials, labor, maintenance and removal for these temporary accesses and radii will not be paid for directly but will be considered subsidiary to the various bid items.

Provide written proposed lane closure information by 1:00 pm on the business day prior to the proposed closures. Do not close lanes when this requirement is not met.

Place barricades and signs in locations that do not obstruct the sight distance of drivers entering the highway from driveways or side streets.

When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.

As approved by the Engineer, provide uniformed off duty police officers and squad cars during lane or ramp closures, night time work or other situations that indicate a need for additional traffic control to protect the traveling public or the construction workforce. Provide documentation such as payroll, log sheets with signatures and badge number, or invoices from the government entity providing the officers for reimbursement. Complete the weekly tracking form provided by the department and submit invoices that agree with the tracking form for payment at the end of each month approved services were provided. Reimbursement will not be made for coordination fees charged by any party.

Patrol vehicles must be clearly marked to correspond with the officer’s agency and equipped with appropriate lights to identify them as law enforcement. For patrol vehicles not owned by a law enforcement agency, markings will be retroreflective and legible from 100 ft. from both sides and the rear of the vehicle. Lights will be high intensity and visible from all angles.

The Contractor may begin closing lanes of the NBML/SBML of US 75 at 9:00 PM. The Contractor must have all NBML/SBML of US 75 open by 5:00 AM. Daytime closures are limited

to 1 Lane of the NBML/SBML of US 75 between 9:30 am to 3:30 pm, Monday through Friday. Full Freeway closures are not allowed unless otherwise approved in writing by the Engineer.

The lane closure disincentive fee is shown on the following table. The fee applies to the Contractor for closures that are outside the times specified above for each hour, regardless of the length of the lane closure or obstruction.

Main Lane Disincentive

*No. of ML's Closed	**Cost Deduction/Hr
1	$ 5,000.00
2	$ 10,000.00
3	$ 15,000.00
4	$ 20,000.00
5+	$ 25,000.00

*Main Lanes include all Thru lanes including HOV/Managed Lanes
**Deducted costs will be prorated by rounding up to the nearest 15-minute increment.

Traffic Control Plans with Lane Closures causing back-ups of 20 minutes or greater in duration will be modified by the Engineer up to and including removal of the lane closure.
Additional lanes may be closed, started earlier, or extended later with written permission of the Engineer.

tem 504:
Furnish one Field Office and Laboratory (Type B) for this project.

Chain link fencing (6-ft. chain-link fence, a top-mounted 3-strand barbed wire, and separate 16-ft. entrance and exit gates to facilitate pull through maneuvers of the vehicles), area dimensioned as directed by the Engineer, will be provided around TxDOT field office/laboratory and parking areas separate from contractor areas. Keep Contractor and TxDOT parking separate. No Contractor vehicles, equipment, dumpsters, storage, etc. is allowed in TxDOT parking area.

Allow for space to accommodate a minimum of 6 pull through parking spaces.

All field office layouts must be approved by the Engineer prior to installation.

The Engineer reserves the right to modify the layout.

A 10 lb. ABC fire extinguisher with up-to-date inspection tag, working smoke detector, first aid kit and an eye wash station shall be installed in all facilities used by TxDOT personnel. They shall be mounted on a wall that is easily accessible and not blocked by any permanent furniture.

Inspect the fire extinguishers, smoke detectors, eye wash stations and first aid kits every month. Make necessary corrections or updates as needed or as directed within 7 calendar days.

Provide a broadband internet connection with a minimum speed of 50 Mbps download and 50 Mbps upload, unless otherwise approved.

Provide an all in one color printer/scanner/copier that will print, scan and copy 11”x17” and 8.5”X11” sheets with software that is compatible with TxDOT equipment. This is subsidiary to the various bid items.

Item 506:
Take all practicable precautions to prevent debris from being discharged into the Waters of Texas or a designated wetland. Install Best Management Practices before demolition begins and maintain them during the demolition. Remove any debris or construction material that escapes containment devices and are discharged into the restricted areas, before the next rain event or within 24 hours of the discharge.

If temporary construction stream crossings are allowed under a Nationwide Permit, submit in writing for approval the type and location of each temporary stream crossing. Use temporary bridges, timber mats, or other structurally sound and non-eroding material for temporary stream crossings. A temporary culvert crossing will consist of storm sewer pipes and 4- to 8-inch nominal size rock. Temporary stream crossings must not cause more than minimal changes to the hydraulic flow characteristics of the stream, increase flooding, or cause more than minimal degradation of water quality. Remove the temporary stream crossings in their entirety and return the affected areas to their pre-existing elevation. All work and materials use for temporary construction stream crossings will not be paid for directly but are subsidiary to pertinent Items.

Provide SW3P Signs. Obtain from the Engineer a copy of the project’s completed TPDES Storm Water Program Construction Site Notice and Contractor Site Notice. Laminate the sheets and bond with adhesive to 36" X 36" plywood sign blanks. Ensure the sheets remain dry. Apply Type C Blue reflective sheeting as the background and add the text “SW3P” in 5" white lettering, centered at the top. Attach the signs to approved temporary mounts and locate at each of the project limits just inside the right of way line at a readable height or as directed by the Engineer. If the sign cannot be placed outside the clear zone, it must adhere to the TMUTCD. SW3P signs, maintenance, and reposting (for replacement or as needed to ensure readability) will be subsidiary to Item 502.

Concrete Washouts are required per the CGP. The Concrete Washout Area(s) structural controls must consist of temporary berms, temporary shallow pits, and/or temporary storage tanks to prevent contaminated runoff and must be lined as to prevent contamination of underlying soil. Ensure pits properly maintained including removal of concrete as not to allow over flow. The location(s) of washout area will be approved by the Engineer. When washout pits are no longer needed, they will be removed and area will be restored to original condition. This work, materials and labor will not be measured or paid for directly but will be subsidiary to Item 506, “Temporary Erosion, Sedimentation, and Environmental Controls.”

Item 508:
Testing of materials used in the construction of a temporary detour may be waived when approved by the Engineer.

Item 512:
The contractor will furnish pre-cast F Shape Barriers for traffic control, and remove and retain possession of non-permanent barriers at the end of the project. Pre-cast F Shape Barriers must have drainage slots as detailed on the Concrete Safety Barrier Standards. Submit for approval the type of barrier joint connection proposed for the project.

Item 514:
Provide High Performance Concrete (HPC) and epoxy coated reinforcing for all Permanent Concrete Traffic Barrier located on bridge approaches or bridge slabs.

Item 540:
Furnish one type of post throughout the project except as specifically noted in the plans.

Item 542:
Salvage metal beam guard fence removed from this project becomes the property of the contractor. The work involved in hauling this material will not be paid for directly, but will be considered subsidiary to this item.

Item 585:
Use Surface Test Type B pay adjustment schedule 2 on the travel lanes

Item 610:
Complete lighting in the initial stages of construction. Existing, temporary or proposed permanent illumination must be maintained at all times. Do not de-energize existing lighting before new lighting is operational without prior approval.

Use 480 volt electronic LED drivers for luminaires on this project.

Existing illumination circuits may be located within or adjacent to the project limits. Either verify with the Engineer or supply a video survey to the Engineer of all the lighting in and adjacent to the project limits before beginning work. Ensure that all assemblies operational at the beginning of construction are operational at the completion of the project. This work will be done at the contractor’s expense.

New fusible disconnects shall be furnished by the Contractor and shall meet the requirements shown on standard RID (3).

Item 613:
Ground sleeves are required for all high mast poles.

Notify the District Transportation Operations Office immediately after new High Mast Poles have been erected.

Items 618, 6016 :
The location of conduits and ground boxes are diagrammatic only and may be shifted to accommodate field conditions as directed.

Secure permission and approval from the proper authority prior to cutting into or removing any sidewalks or curbs for installation of this Item. After the work is completed, the Contractor shall restore any curbs or walkways, which have been removed, to their original condition and to the satisfaction of the engineer.

Where a trench is cut through the surfaced parking shoulder, median or driveways for laying conduit, the base and surfacing will be replaced with similar materials equal in appearance and quality to the original construction.

Use a colored cleaner-primer on all PVC to PVC joints before application of PVC cement.

Seal all conduit ends with a permanently soft, non-toxic duct seal. Use a duct seal that does not adversely affect other plastic materials or corrode metals.

Place conduit under existing pavement by an approved boring method. Do not place boring pits closer than 2 feet from the edge of the pavement unless otherwise directed. Do not use water jetting. When conduits are bored, do not exceed 18 inches in the vertical and horizontal tolerances as measured from the intended target point.

Do not use a pneumatically driven device for punching holes beneath the pavement (commonly known as a "missile").
When holes are drilled through concrete structures, use a coring device. Do not use masonry or concrete drills.

Structurally mount junction boxes as shown on the plans.

Existing conduit may be proposed for reuse in this project. Conduit prep will be paid for under Item 6027 as directed by the Engineer.

Furnish and install a flat, high tensile strength polyester fiber pull tape in conduit runs in excess of 50 feet or for future use and protected with standard weather-tight conduit caps, as approved. Acceptable products include Garvin # PT-1250-3K, ComStar PUL 1250P3K, Ideal Part No. 31-315 or equal as approved by the Engineer. This work will not be paid for directly, but is subsidiary to this Item.

If the Contractor chooses to combine multiple conduits into one bore, the Contractor will install a casing around the conduits. The casing will not be paid for directly, but will be considered subsidiary to this item.

ITS" conduit shall be installed a minimum of 42 inches deep, when trenching methods are used, and a minimum of 60 inches deep when bored under existing pavement, unless shown otherwise in the plans.

When trenching through rocky soil, place "ITS" conduit on a two-inch sand cushion and backfill with a minimum of six inches of sand.

The minimum bending radius for all "ITS" conduits supplied on this project shall be 18 inches, or as approved.

Install a permanent non-metallic pull cord, with a minimum tensile strength of 600 pounds, in all new "ITS" conduits. For conduits installed for future use, plug conduits using a mechanical conduit plug. Ensure that the mechanical plug creates a water and airtight seal. This work will not be paid for directly but will be subsidiary to this item.

Install, for each "ITS" conduit run, a metallic underground warning tape, as detailed in the plans. This warning tape will be imprinted with "CAUTION BURIED FIBER OPTIC CABLE." This will not be paid for directly, but will be considered subsidiary to Item 618: Conduit. The warning tape does not need to be installed when conduit is bored under a roadway section or landscaped area. At locations where the Contractor chooses to bore conduit underground, in areas where trenching methods can be used, the Contractor will install the metallic underground warning tape.

Item 620:
The equipment grounding conductor smaller than 4 AWG shall be a bare wire or identified with continuous green colored jacket insulation. Grounded conductors (Neutral) smaller than 4 AWG shall be identified by a continuous white colored jacket. Ungrounded conductors (Hot) in a 120/240v or 240/480v system shall be identified by each pole or leg. For 240-volt branch circuit fed from 120/240 source and 480-volt branch circuit fed from 240/480 source, ensure one leg is identified by a continuous black colored jacket and the other leg by a continuous red colored jacket.

Insulated tracer wire shall have Orange colored insulation and shall be labeled as a "Tracer Wire" in each Satellite Building, Hub Cabinet, and CCTV Cabinet with one exception: CCTV Cabinets located near Hub Cabinets. White phasing tape is not allowed to be used to signify a neutral on any conductor 6 AWG and smaller as per TxDOT specifications and the NEC.
For fiber duct banks with multi-duct conduits, tracer wire shall be installed in one innerduct.

Tracer wire is not to be tied or bonded to any other conductor or equipment.

All communication cables will be color-coded consistently, or permanently labeled, between all connections and splices, to ensure immediate identification. The Contractor will submit a chart or list identifying all cables, in a logical and sequential manner prior to installation, for the Engineer's approval.

Item 624:
Slack conductors required by Standard Sheet ED(3)-14 will be subsidiary to Item 624.

Concrete removal required for installation of ground boxes will be subsidiary to Item 624.

See Item 6405 Ground Boxes for ground boxes located inside barrier deflection walls.

Item 628:
Contact the appropriate utility company during the first three weeks of the project lead-time period,obtain 911 address, verify service locations, and to allow adequate time for any necessary utility adjustments, transformer installation, etc.

The Meter Base or Transocket shall be mounted facing the roadway and the service enclosure shall be mounted on the opposite side of the service pole or pedestal.

Granite concrete service pole embedment depth shall be 10’ and shall be a minimum of 25’ above grade for overhead services.

Backfill Granite Concrete service poles with a Class A concrete in accordance with Item 421, "Hydraulic Cement Concrete", except consider the concrete subsidiary to Item 628 for payment purposes.

The Contractor shall obtain the street address of the new electrical service directly from the applicable City.

Label the service enclosures indicating service address as well as all required information as shown on the Electrical Detail (ED) standard sheets. Labeling shall be silk screening or other acceptable method. This work will not be paid for directly, but is subsidiary to this Item.

On the outside lower front of each electrical service meter base cover, install a 12 gauge minimum thickness stainless steel, aluminum or brass placard. The placard shall be engraved or stamped with the numeric portion of the street address and permanently affixed to the cover with exterior rated adhesive so as not to interfere with the operation of the latch. This work will not be paid for directly, but is subsidiary to this Item.

For existing services that are being upgraded to stainless steel service enclosures on existing supports, the Contractor shall provide a new enclosure with new components and all incidentals necessary to securely mount it to the support. If the proposed amperage loads of the upgraded services are higher than the existing loads, the Contractor shall coordinate with the utility company to ensure that their existing transformer and service conductors are of sufficient capacity.

A Licensed Master Electrician shall oversee the installation of all electrical services.

Bill the lighting electrical service power usage to the Cities of Richardson, Plano, and Allen, as applicable.

Bill the ITS electrical service power usage to the Texas Department of Transportation.

For each ground box and electrical service on this project that are interconnected by conduits used for future use, in which cable is added or removed, affix a tag to the cabling remaining in the box clearly stating the box contains cabling which is supplied by more than one power source. Ensure each tag is laminated and has minimum dimensions.

Item 636:
Leave the advance guide sign and/or the exit direction sign for an interchange in place at all times unless prior written approval is given. Replace signs removed by the Contractor before the end of the work day.

Manufacture all white legends using Clearview font on overhead and large ground-mounted guide signs. This includes destinations, cardinal directions, exit information and exit numbers. Use the font shown on the current standard sheets for all route markers (including interstate shields) and “Exit Only” panel information. Letter, arrow, and number heights shall all conform to the latest edition of the Standard Highway Sign Design Manual.

Provide two (2) sets of shop drawings for signs. The shop drawings shall conform to the details shown on the plans. The shop drawings shall show the details of the panels, wind beams, stiffeners, joint backing plates, splices, fasteners, brackets, and sign support connections. The shop drawings shall show letter types and sizes, interline spacing and message arrangements.

Affix a sign identification decal to the back of all signs and mark out the installation date in accordance with Item 643.

Attach sheeting applied to extruded aluminum panels to each individual extrusion.

All new and or replaced sign panels shall be mounted flush (0º) on all sign structures. Furnish and obtain approval of all shop drawings detailing the method to accomplish this installation. All material and labor required for this special installation is considered subsidiary to Item 636.

Ensure the minimum vertical clearance, as shown in the plans, at the highpoint of the roadway after the installation of all overhead signs. Mount new overhead signs with 46% of the sign height positioned below the centerline of the truss. If new signs are mounted on a truss with existing signs, all signs shall be bottom justified using the 46% of the tallest sign to determine placement.

Place new guide signs on existing overhead sign structures and bridge rail supports. Existing attachment hardware may be reused if position of sign meets the 46% mounting criteria and if the existing hardware is large enough to accommodate the new sign. Sign support brackets may be cut or removed as directed; however, do not extend or lengthen existing brackets. Furnish any additional sign attachment hardware, support brackets, etc. as required. Payment will not be made for the additional brackets, but is considered subsidiary to this Item.

All additional hat signs and plaques mounted to the top of signs shall be supported with wind beams 2.5 times the height of the sign and/or plaque.

Logo signs may be affected within the limits of this project. The statewide Logo sign program is managed for TxDOT by Lonestar Logos (www.lonestarlogos.com) under a separate contract. If Logo signs need to be relocated or removed during construction, plans (traffic control plans and signing layouts) will clarify if the contractor is to do this or if the signs are to be relocated or removed by Lonestar Logos. In some cases, smaller replacement signs may be noted. All Logo signs are property of TxDOT.

The telephone number for Lonestar Logos is (512)462-1310 and the email address for the operations manager, Tyler Starr, is tstarr@lonestarlogos.com. Contact Lonestar Logos at least 2 weeks in advance of any needed removal or replacement of Logo signs.

Signs to be relocated during construction by the contractor will be paid under a separate pay item and in accordance with the Temporary Large Roadside Signs (TLRS) standard sheets in the plans.

Items 644, 647, and 650:
Prior to taking elevations to determine lengths for fabrication of sign posts and/or sign support towers, obtain verification of all proposed locations.

The post lengths shown on the Summary of Large Signs are approximations only. After the "X" dimensions are determined, submit actual post lengths to the Engineer for approval. Post lengths and size shall be approved by the Engineer before fabrication.

Item 650:
All towers and trusses will be match marked, by the fabricator, for erection. Use the tower heights shown in the sign summaries and on the plans for bidding purposes only. Prior to fabrication, take finished grade elevations at the tower locations and determine their exact heights for fabrication in accordance with the details shown on the plans.

Item 677:
A water blasting method approved by the Engineer will be the only method allowed for the removal of permanent and temporary pavement markings except on a sealcoat surface. A 2 foot wide sealcoat will be required on sealcoat surfaces to eliminate permanent and temporary pavement markings.

Item 730:
At the discretion of the Engineer, mow non-paved areas within the project prior to placement of permanent vegetation. Mow up to three (3) cycles per growing season.

Item 6000: Illumination Maintenance

New circuit breakers for existing electrical services shall be furnished by the Contractor and shall be compatible with the existing service equipment. A Licensed Master Electrician or Unrestricted Journeyman shall be required to make modifications to existing services.

Item 6007: Fiber Optic Cable
The single mode fiber optic cable will be installed continuous, without splices, from the communications hub to hub, as indicated in the plans, or as directed. No splicing of fiber optic cable will be permitted in ground boxes unless shown in the plans.

All fiber optic trunk cables and the insulated tracer wires will be installed in multiduct conduit. Electrical conductors will be installed in one three-inch conduit (or 2 inch conduit if shown on plans) and any non-fiber communications cables are to be installed in the second three-inch conduit (or 2 inch conduit if shown on plans).

All fiber optic pigtails and patch cords for general purpose ITS shall have ST connectors, will not be paid for separately, and shall be considered subsidiary to Item 6007.

All fiber optic pigtails and patch cords for gantry operations shall have LC connectors, will not be paid for separately, and shall be considered subsidiary to Item 6007.

Extra cable length will be included in each run, to provide adequate slack, at each ground box, camera pole, communications hub, dynamic message sign, or radar vehicle sensing device, as determined or shown in the plans.

Existing cables to be removed and salvaged shall be neatly coiled and strapped. Salvaged cables shall be delivered to the TxDOT Cedar Hill Maintenance Yard or as directed by the Engineer.

Item 6010: CCTV Field Equipment
The cables and harnesses will enter at the bottom of the CCTV housing. The CCTV will have gaskets, at entry points, to prevent moisture entry.
For LBJIG locations the following equipment is required:

Bosch CCTV
Fixed: FLEXIDOME IP starlight 8000i (CPP 7.3)
PTZ: MIC inteox 7100i (CPP 13

Item 6027: Preparation of Existing Conduits, Ground Boxes, or Manholes:
The Contractor is responsible for damage done to existing cable during the preparation of existing conduit. The Contractor will repair or replace damage done to existing cables. The repairing or replacing of damage to existing cables will be done at the expense of the Contractor, and to the satisfaction of the Engineer.

Item 6032: System Integration

This item includes the installation of state furnished Ethernet Switches, Port Expanders and Terminal Servers. The furnishing and installation of Ethernet Switch power cables and fiber optic jumper cables will also be considered subsidiary to this item

Item 6049: Longitudinal Channelizing Mountable Curb System
Remove all existing HOV Separator Pylons within the project. All pylons, mountable channelizing curb and foundation bolts shall become the property of the contractor and disposed of at his own expense.

All HOV Separator Pylon connection bolts shall be removed from the pavement and holes epoxy filled as directed by the engineer. Additional pavement repair, if necessary due to removal of channelizing mountable curb or pylon foundation bolts, shall be as directed by the Engineer and subsidiary to Item 6049.

HOV Separator Pylon removal will be measured along c/l US 75 and are located within the following station ranges on the project:

SB US 75
93+00 (BK) to 306+50 (BK)
344+00 (AH) to 493+50 (AH)

NB US 75
93+00 (BK) to 306+50 (BK)
338+00 (AH) to 500+00 (AH)

Item 6058:
For LBJIG locations the following equipment is required:

Alpha FXM 650 - PN 017-232-31

Item 6093: Existing Traffic Management Equipment
Existing cables and conductors for equipment to be removed and salvaged shall not be cut at the equipment entry points, but shall be cut at the maximum practical distance from the equipment to allow for reuse. Cables shall be neatly coiled and strapped as part of the salvaged equipment. Salvaged equipment shall be delivered to the TxDOT Cedar Hill Maintenance Yard or as directed by the Engineer.

Existing DMS signs shall become the property of the Contractor after TxDOT directed salvageable parts have been removed by the Contractor and delivered to TxDOT.

TransGuide shall be considered to be DalTrans for this project.

Existing DMS's shown to be removed in the plans shall be considered Type 2 DMS's for this project.

Item 6156: LED High Mast Illumination Assemblies
Aircraft obstruction lights are not required for this project.

Item 6185:
The total number of truck mounted attenuators (TMAs) or trailer attenuators (TAs) required when utilizing the traffic control standards are shown in the tables below.

TCP 1 Series	Scenario	Required TMA/TA
(1-5)-18		1

TCP 2 Series	Scenario	Required TMA/TA
(2-6)-18	All	1

TCP 3 Series	Scenario			Required TMA/TA
(3-2)-13	All			3
(3-3)-14	A	B	D	2
	C			3

TCP 5 Series	Scenario		Required TMA/TA
(5-1)-18	A	B	1

TCP 6 Series	Scenario		Required TMA/TA	
(6-1)-12	A	B	1	2
(6-2)-12 / (6-3)-12	All		1	
(6-4)-12	A	B	1	2
(6-5)-12	A	B	1	2
(6-8)-14	All		1	

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/TAs needed for the project. Additional TMAs/TAs used that are not specified in the plans in which the contractor expects compensation will require prior approval from the Engineer.

The TMA/TA used for installation/removal of traffic control for a work area will be subsidiary to the TMA/TA used to perform the work.

Item 6186: ITS Ground Box:
The Contractor shall provide a total of 4 keyed sockets for the locking security bolts for the project. This work will not be paid for directly, but is subsidiary to this Item.

Item 6304:
For LBJIG locations the following equipment is required:

Wavetronix: Smart Sensor HD (MVD) SS126

Item 6405 Ground Boxes:
Ground box (17x30x30) and stacked ground box (11x18x24) shall be constructed of polymer concrete in accordance with the barrier ground box detail located in the plans. Ensure two (2) one(1)-inch PVC drains are locacted in opposite corners, or located in the lowest corners of each ground box bottom to allow the ground box to drain properly. For the stacked ground box, provide top box with an open bottom and the bottom box with a closed bottom.

Item 6406 Lightning Protection System:
Install the lightning protection system in accordance with the Special Specification and as shown on plans. This work includes furnishing the grounding conductor, placing the grounding conductor in the lightning protection system conduits, bonding the grounding conductor to TZ footing reinforcing, terminating the grounding conductor in a Type D ground box with minimum 12 inches of slack for future connections, and extending the grounding conductor a minimum of

12 inches above the barrier, capping and storing the slack inside the conduit for future connections. The Type D ground box will be paid under Item 624 “Ground Boxes”.

Item 6406 Lightning Protection System:
Install the lightning protection system in accordance with the Special Specification and as shown on plans. This work includes furnishing the grounding conductor, placing the grounding conductor in the lightning protection system conduits, bonding the grounding conductor to TZ footing reinforcing, terminating the grounding conductor in a Type D ground box with minimum 12 inches of slack for future connections, and extending the grounding conductor a minimum of 12 inches above the barrier, capping and storing the slack inside the conduit for future connections. The Type D ground box will be paid under Item 624 “Ground Boxes”.

Item 6475 Hardened Ethernet Switch:
For LBJIG locations the following equipment is required:

Hirschmann - Rail Switch Rugged MN RSR30-08033OTT-SCCWBHSE3S

Item 6503 Amber Single Line Dynamic Message Sign System:
For LBJIG locations the following equipment is required:

Daktronics – Models VM-1028-7x35-66-A and VM-1028-7x50-66-A

Estimate & Quantity Sheet

CONTROLLING PROJECT ID 0047-06-158 **DISTRICT** Dallas **COUNTY** Collin, Dallas
HIGHWAY US 75

			CONTROL SECTION JOB	**0047-06-158**		**0047-06-163**		**0047-07-232**		TOTAL EST.	TOTAL FINAL
			PROJECT ID	**A00058822**		**A00061225**		**A00058821**			
			COUNTY	**Collin**		**Collin**		**Dallas**			
			HIGHWAY	**US 75**		**US 75**		**US 75**			
ALT	**BID CODE**	**DESCRIPTION**	**UNIT**	EST.	FINAL	EST.	FINAL	EST.	FINAL		
	100-6002	PREPARING ROW	STA	376.200		308.700		222.500		907.400	
	104-6010	REMOVING CONC (RIPRAP)	CY	40.000				13.000		53.000	
	104-6023	REMOVING CONC (CTB)	LF	26,261.000		24,978.000		22,254.000		73,493.000	
	161-6017	COMPOST MANUF TOPSOIL (4")	SY	5,295.000		500.000		788.000		6,583.000	
	162-6002	BLOCK SODDING	SY	5,295.000		500.000		788.000		6,583.000	
	164-6051	DRILL SEED (TEMP)(WARM OR COOL)	SY	5,295.000		250.000		788.000		6,333.000	
	168-6001	VEGETATIVE WATERING	MG	1,589.000		112.000		239.000		1,940.000	
	360-6007	CONC PVMT (CONT REINF - CRCP) (13")	SY			132.000				132.000	
	361-6007	FULL - DEPTH REPAIR CRCP (13")	SY	99.000				157.200		256.200	
	361-6052	FULL - DEPTH REPAIR CRCP (8"-14")	SY			178.000				178.000	
	403-6001	TEMPORARY SPL SHORING	SF			3,615.200				3,615.200	
	416-6004	DRILL SHAFT (36 IN)	LF	375.000		596.000		764.000		1,735.000	
	416-6005	DRILL SHAFT (42 IN)	LF					21.000		21.000	
	416-6006	DRILL SHAFT (48 IN)	LF					87.000		87.000	
	416-6007	DRILL SHAFT (54 IN)	LF					20.000		20.000	
	416-6020	DRILL SHAFT (SIGN MTS) (36 IN)	LF			18.000				18.000	
	416-6026	DRILL SHAFT (HIGH MAST POLE) (60 IN)	LF	1,371.000				438.000		1,809.000	
	416-6029	DRILL SHAFT (RDWY ILL POLE) (30 IN)	LF	8.000						8.000	
	420-6037	CL C CONC (COLUMN)	CY			11.900				11.900	
	420-6043	CL C CONC (FOOTING)	CY	22.800		42.000		45.500		110.300	
	420-6049	CL C CONC (CRASHWALL)	CY	75.900		9.400		129.400		214.700	
	420-6068	CL C CONC (SIGN COLUMN)	CY	95.700		135.800		159.200		390.700	
	420-6134	CL C CONC (SIGN FOOTING)	CY			81.900				81.900	
	420-6154	CL C CONC (HPC)	CY	25.800				34.400		60.200	
	432-6001	RIPRAP (CONC)(4 IN)	CY	516.250		6.000		109.250		631.500	
	432-6045	RIPRAP (MOW STRIP)(4 IN)	CY	435.000				89.000		524.000	
	451-6025	RETROFIT RAIL (TY SSTR)(HPC)	LF	1,688.000				2,651.000		4,339.000	
	500-6001	MOBILIZATION	LS	0.400		0.300		0.300		1.000	
	502-6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	30.000						30.000	
	506-6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	660.000				660.000		1,320.000	
	506-6024	CONSTRUCTION EXITS (REMOVE)	SY	660.000				660.000		1,320.000	
	506-6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	6,963.000				649.000		7,612.000	
	506-6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	6,963.000				649.000		7,612.000	
	506-6041	BIODEG EROSN CONT LOGS (INSTL) (12")	LF	3,223.000		800.000		1,304.000		5,327.000	
	506-6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	3,223.000		800.000		1,304.000		5,327.000	
	512-6005	PORT CTB (FUR & INST)(F-SHAPE)(TY 1)	LF	70,860.000		50,310.000		2,910.000		124,080.000	
	512-6029	PORT CTB (MOVE)(F-SHAPE)(TY 1)	LF	16,080.000				42,270.000		58,350.000	

1 **ADDENDUM #1 – 07/26/2023 REPLACE SHEET**

Estimate & Quantity Sheet

CONTROLLING PROJECT ID 0047-06-158 **DISTRICT** Dallas **COUNTY** Collin, Dallas
HIGHWAY US 75

			CONTROL SECTION JOB	**0047-06-158**		**0047-06-163**		**0047-07-232**		TOTAL EST.	TOTAL FINAL
			PROJECT ID	**A00058822**		**A00061225**		**A00058821**			
			COUNTY	**Collin**		**Collin**		**Dallas**			
			HIGHWAY	**US 75**		**US 75**		**US 75**			
ALT	**BID CODE**	**DESCRIPTION**	**UNIT**	EST.	FINAL	EST.	FINAL	EST.	FINAL		
	512-6053	PORT CTB (REMOVE)(F-SHAPE)(TY 1)	LF	37,710.000		41,190.000		45,180.000		124,080.000	
	514-6003	PERM CTB (SGL SLOPE) (TY 3) (42)	LF			9.000				9.000	
	514-6005	PERM CTB (SGL SLOPE) (TY 1) (48)	LF	22,710.000		24,131.500		19,403.000		66,244.500	
	514-6007	PERM CTB (SGL SLOPE) (TY 3) (48)	LF	1,351.000				297.000		1,648.000	
	514-6015	PERM CTB (F-SHAPE) (TY 3)	LF			9.000				9.000	
	514-6022	PERM CTB(SGL SLOPE)(TY 1)(48)(HPC)	LF	858.000				415.000		1,273.000	
	514-6036	PERM CTB (TRAN SSCB TO SSTR) (MOD)	LF			280.000				280.000	
	514-6047	PERM CTB (SGL SLOPE)(TY 1)(TRANSITION)	LF	280.000				480.000		760.000	
	533-6005	RUMBLE STRIPS (SHOULDER) CONCRETE	LF	47,445.000		41,618.000		35,804.000		124,867.000	
	540-6002	MTL W-BEAM GD FEN (STEEL POST)	LF	7,000.000				2,525.000		9,525.000	
	540-6006	MTL BEAM GD FEN TRANS (THRIE-BEAM)	EA	5.000				5.000		10.000	
	540-6016	DOWNSTREAM ANCHOR TERMINAL SECTION	EA	31.000				11.000		42.000	
	542-6001	REMOVE METAL BEAM GUARD FENCE	LF	850.000				550.000		1,400.000	
	542-6002	REMOVE TERMINAL ANCHOR SECTION	EA	4.000				3.000		7.000	
	542-6004	RM MTL BM GD FENCE TRANS (THRIE-BEAM)	EA	1.000						1.000	
	544-6001	GUARDRAIL END TREATMENT (INSTALL)	EA	35.000				8.000		43.000	
	544-6003	GUARDRAIL END TREATMENT (REMOVE)	EA	13.000				2.000		15.000	
	545-6003	CRASH CUSH ATTEN (MOVE & RESET)	EA	3.000				3.000		6.000	
	545-6005	CRASH CUSH ATTEN (REMOVE)	EA	30.000		2.000		7.000		39.000	
	545-6019	CRASH CUSH ATTEN (INSTL)(S)(N)(TL3)	EA	34.000		2.000		3.000		39.000	
	610-6006	REMOVE RD IL ASM (BRIDGE MOUNT)	EA					24.000		24.000	
	610-6007	REMOVE RD IL ASM (SHOE-BASE)	EA	4.000						4.000	
	610-6008	REMOVE RD IL ASM (CTB MOUNT)	EA	134.000						134.000	
	610-6009	REMOVE RD IL ASM (TRANS-BASE)	EA	44.000				55.000		99.000	
	610-6010	REMOVE RD IL ASM (U/P)	EA	36.000				90.000		126.000	
	610-6101	REPLACE LUMINAIRE W/LED (150W EQ)	EA	4.000				24.000		28.000	
	610-6102	REPLACE LUMINAIRE W/LED (250W EQ)	EA	6.000						6.000	
	610-6103	REPLACE LUMINAIRE W/LED (400W EQ)	EA					46.000		46.000	
	610-6104	IN RD IL (U/P) (TY 1) (150W EQ) LED	EA	24.000				48.000		72.000	
	610-6216	IN RD IL (TY SA) 40T-10 (250W EQ) LED	EA	1.000						1.000	
	613-6005	HI MST IL POLE (150 FT)(80 MPH)	EA	35.000				10.000		45.000	
	613-6007	HI MST IL POLE (175 FT)(80 MPH)	EA	6.000				3.000		9.000	
	614-6007	LED HI MST IL ASM (6 FIXT)(ASYM)(TY A)	EA	33.000				13.000		46.000	
	614-6011	REPLC LED HI MST IL(6 FIXT)(ASYM)(TY A)	EA	6.000						6.000	
	614-6014	LED HI MST IL AM(6 FIXT)ASYM(TY A)SHLD	EA	8.000						8.000	
	617-6002	TEMP RD IL (RD IL ASM)	MO	15.000						15.000	
	618-6023	CONDT (PVC) (SCH 40) (2")	LF	33,100.000		3,447.000		17,140.000		53,687.000	

1 **ADDENDUM #1 – 07/26/2023 REPLACE SHEET**

Estimate & Quantity Sheet

CONTROLLING PROJECT ID 0047-06-158 **DISTRICT** Dallas **COUNTY** Collin, Dallas
HIGHWAY US 75

			CONTROL SECTION JOB	**0047-06-158**		**0047-06-163**		**0047-07-232**		TOTAL EST.	TOTAL FINAL
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			COUNTY	**Collin**		**Collin**		**Dallas**			
			HIGHWAY	**US 75**		**US 75**		**US 75**			
ALT	**BID CODE**	**DESCRIPTION**	**UNIT**	EST.	FINAL	EST.	FINAL	EST.	FINAL		
	618-6024	CONDT (PVC) (SCH 40) (2") (BORE)	LF	15,060.000		4,188.000		12,910.000		32,158.000	
	618-6027	CONDT (PVC) (SCH 40) (2 1/2")	LF					2,400.000		2,400.000	
	618-6028	CONDT (PVC) (SCH 40) (2 1/2") (BORE)	LF					890.000		890.000	
	618-6029	CONDT (PVC) (SCH 40) (3")	LF	1,095.000		15,981.000		9,480.000		26,556.000	
	618-6030	CONDT (PVC) (SCH 40) (3") (BORE)	LF	165.000		2,374.000		5,675.000		8,214.000	
	618-6046	CONDT (PVC) (SCH 80) (2")	LF	100.000		104.000		200.000		404.000	
	618-6047	CONDT (PVC) (SCH 80) (2") (BORE)	LF			640.000				640.000	
	618-6066	CONDT (RM) (1 1/4")	LF	2,330.000				4,130.000		6,460.000	
	618-6070	CONDT (RM) (2")	LF	430.000				6,100.000		6,530.000	
	618-6074	CONDT (RM) (3")	LF			504.000				504.000	
	620-6005	ELEC CONDR (NO.10) BARE	LF	1,500.000				2,310.000		3,810.000	
	620-6006	ELEC CONDR (NO.10) INSULATED	LF	3,160.000				4,620.000		7,780.000	
	620-6007	ELEC CONDR (NO.8) BARE	LF	1,410.000				880.000		2,290.000	
	620-6008	ELEC CONDR (NO.8) INSULATED	LF	4,305.000		12,258.000		18,650.000		35,213.000	
	620-6009	ELEC CONDR (NO.6) BARE	LF	17,055.000		4,913.000		11,100.000		33,068.000	
	620-6010	ELEC CONDR (NO.6) INSULATED	LF	34,905.000		6,782.000		38,000.000		79,687.000	
	620-6011	ELEC CONDR (NO.4) BARE	LF	12,580.000				8,200.000		20,780.000	
	620-6012	ELEC CONDR (NO.4) INSULATED	LF	37,610.000		1,065.000		25,845.000		64,520.000	
	620-6015	ELEC CONDR (NO.2) BARE	LF	9,970.000				6,315.000		16,285.000	
	620-6016	ELEC CONDR (NO.2) INSULATED	LF	20,100.000		5,841.000		17,805.000		43,746.000	
	620-6017	ELEC CONDR (NO.1) BARE	LF	4,180.000				3,770.000		7,950.000	
	620-6018	ELEC CONDR (NO.1) INSULATED	LF	8,360.000				12,840.000		21,200.000	
	620-6019	ELEC CONDR (NO.1/0) BARE	LF	3,215.000				1,665.000		4,880.000	
	620-6020	ELEC CONDR (NO.1/0) INSULATED	LF	7,995.000				15,290.000		23,285.000	
	624-6001	GROUND BOX TY A (122311)	EA	41.000				13.000		54.000	
	624-6002	GROUND BOX TY A (122311)W/APRON	EA	91.000		1.000		30.000		122.000	
	624-6010	GROUND BOX TY D (162922)W/APRON	EA	13.000		16.000		33.000		62.000	
	624-6028	REMOVE GROUND BOX	EA					2.000		2.000	
	628-6002	REMOVE ELECTRICAL SERVICES	EA	6.000		2.000		8.000		16.000	
	628-6040	ELC SRV TY A 240/480 060(NS)SS(E)EX(O)	EA	1.000						1.000	
	628-6042	ELC SRV TY A 240/480 060(NS)SS(E)GC(U)	EA	3.000				4.000		7.000	
	628-6073	ELC SRV TY A 240/480 100(NS)SS(E)GC(O)	EA	2.000						2.000	
	628-6074	ELC SRV TY A 240/480 100(NS)SS(E)GC(U)	EA	1.000						1.000	
	628-6153	ELC SRV TY D 120/240 060(NS)SS(N)TP(O)	EA			1.000				1.000	
	628-6249	ELC SRV TY D 120/240 100(NS)SS(N)PS(U)	EA	2.000		2.000		6.000		10.000	
	628-6342	ELEC SRV TY D 120/240 125(NS)SS(N)PS(U)	EA	1.000				1.000		2.000	
	628-6346	ELC SRV TY D 120/240 100(NS)SS(N)EX(U)	EA	1.000		2.000		2.000		5.000	

1 **ADDENDUM #1 – 07/26/2023 REPLACE SHEET**

Estimate & Quantity Sheet

CONTROLLING PROJECT ID 0047-06-158 **DISTRICT** Dallas **COUNTY** Collin, Dallas
HIGHWAY US 75

			CONTROL SECTION JOB	**0047-06-158**		**0047-06-163**		**0047-07-232**		TOTAL EST.	TOTAL FINAL
			PROJECT ID	**A00058822**		**A00061225**		**A00058821**			
			COUNTY	**Collin**		**Collin**		**Dallas**			
			HIGHWAY	**US 75**		**US 75**		**US 75**			
ALT	**BID CODE**	**DESCRIPTION**	**UNIT**	EST.	FINAL	EST.	FINAL	EST.	FINAL		
	628-6347	ELC SRV TY D 120/240 150(NS)SS(N)EX(U)	EA	1.000						1.000	
	628-6351	ELEC SRV TY D 120/240 125(NS)SS(N)EX(O)	EA					1.000		1.000	
	628-6353	ELEC SRV TY D 120/240 150(NS)SS(N)PS(U)	EA					1.000		1.000	
	636-6001	ALUMINUM SIGNS (TY A)	SF					105.000		105.000	
	636-6003	ALUMINUM SIGNS (TY O)	SF	1,045.000		1,193.000		3,308.500		5,546.500	
	636-6006	REFURBISH ALUMINUM SIGNS (TY O)	EA					3.000		3.000	
	636-6009	REPLACE EXISTING ALUMINUM SIGNS(TY O)	SF					143.750		143.750	
	644-6066	IN SM RD SN SUP&AM (RAIL MOUNT)	EA	29.000		11.000		17.000		57.000	
	647-6003	REMOVE LRSA	EA					3.000		3.000	
	650-6018	INS OH SN SUP(20 FT CANT)	EA			1.000				1.000	
	650-6020	INS OH SN SUP(20 FT CANT)(SPAN ONLY)	EA			2.000		4.000		6.000	
	650-6025	INS OH SN SUP(25 FT CANT)	EA					2.000		2.000	
	650-6027	INS OH SN SUP(25 FT CANT)(SPAN ONLY)	EA	10.000		10.000		11.000		31.000	
	650-6032	INS OH SN SUP(30 FT CANT)	EA					1.000		1.000	
	650-6041	INS OH SN SUP(35 FT CANT)(SPAN ONLY)	EA					1.000		1.000	
	650-6045	INS OH SN SUP(40 FT CANT)	EA					1.000		1.000	
	650-6204	REMOVE OVERHD SIGN SUP	EA	5.000		2.000		8.000		15.000	
	650-6205	REMOVE OVERHD SIGN SUP (SIGN ONLY)	EA			1.000		1.000		2.000	
	658-6015	INSTL DEL ASSM (D-SW)SZ (BRF)GF1	EA	113.000				39.000		152.000	
	658-6027	INSTL DEL ASSM (D-SY)SZ (BRF)CTB (BI)	EA	377.000				223.000		600.000	
	658-6028	INSTL DEL ASSM (D-SY)SZ (BRF)GF1	EA	35.000				9.000		44.000	
	662-6061	WK ZN PAV MRK REMOV (W)4"(DOT)	LF					1,000.000		1,000.000	
	662-6063	WK ZN PAV MRK REMOV (W)4"(SLD)	LF	41,980.000						41,980.000	
	662-6064	WK ZN PAV MRK REMOV (W)6"(BRK)	LF	1,769.000						1,769.000	
	662-6065	WK ZN PAV MRK REMOV (W)6"(DOT)	LF	1,000.000				43,618.000		44,618.000	
	662-6067	WK ZN PAV MRK REMOV (W)6"(SLD)	LF	2,158.000						2,158.000	
	662-6072	WK ZN PAV MRK REMOV (W)12"(LNDP)	LF	356.000						356.000	
	662-6073	WK ZN PAV MRK REMOV (W)12"(SLD)	LF	2,544.000						2,544.000	
	662-6088	WK ZN PAV MRK REMOV (W)(TPL ARROW)	EA					6.000		6.000	
	662-6095	WK ZN PAV MRK REMOV (Y)4"(SLD)	LF			50,296.000		48,449.000		98,745.000	
	662-6098	WK ZN PAV MRK REMOV (Y)6"(SLD)	LF	75,180.000						75,180.000	
	672-6010	REFL PAV MRKR TY II-C-R	EA	12,609.000		3,066.000		7,115.000		22,790.000	
	677-6001	ELIM EXT PAV MRK & MRKS (4")	LF			148,286.000				148,286.000	
	677-6002	ELIM EXT PAV MRK & MRKS (6")	LF	300,349.000		61,470.000		203,773.000		565,592.000	
	677-6003	ELIM EXT PAV MRK & MRKS (8")	LF	22,833.000		13,856.000		16,299.000		52,988.000	
	677-6005	ELIM EXT PAV MRK & MRKS (12")	LF	8,601.000		4,500.000		7,043.000		20,144.000	
	677-6008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	8.000						8.000	

1 **ADDENDUM #1 – 07/26/2023 REPLACE SHEET**

Estimate & Quantity Sheet

CONTROLLING PROJECT ID 0047-06-158 **DISTRICT** Dallas **COUNTY** Collin, Dallas
HIGHWAY US 75

			CONTROL SECTION JOB	**0047-06-158**		**0047-06-163**		**0047-07-232**		TOTAL EST.	TOTAL FINAL
			PROJECT ID	**A00058822**		**A00061225**		**A00058821**			
			COUNTY	**Collin**		**Collin**		**Dallas**			
			HIGHWAY	**US 75**		**US 75**		**US 75**			
ALT	**BID CODE**	**DESCRIPTION**	**UNIT**	EST.	FINAL	EST.	FINAL	EST.	FINAL		
	677-6012	ELIM EXT PAV MRK & MRKS (WORD)	EA	194.000		2.000		116.000		312.000	
	677-6017	ELIM EXT PAV MRK & MRKS (SYMBOL)	EA	88.000		2.000		57.000		147.000	
	678-6002	PAV SURF PREP FOR MRK (6")	LF	248,332.000		155,627.000		144,955.000		548,914.000	
	678-6004	PAV SURF PREP FOR MRK (8")	LF	22,833.000		13,924.000		16,299.000		53,056.000	
	678-6006	PAV SURF PREP FOR MRK (12")	LF	12,449.000		15,939.000		9,263.000		37,651.000	
	678-6009	PAV SURF PREP FOR MRK (ARROW)	EA	11.000				4.000		15.000	
	678-6016	PAV SURF PREP FOR MRK (WORD)	EA	82.000		45.000		53.000		180.000	
	678-6033	PAV SURF PREP FOR MRK (RPM)	EA	12,609.000		3,066.000		7,115.000		22,790.000	
	730-6107	FULL - WIDTH MOWING	CYC	8.000						8.000	
	734-6002	LITTER REMOVAL	CYC	8.000						8.000	
	735-6001	DEBRIS REMOVAL (CNTR MEDIANS/MAINLANES)	CYC	8.000						8.000	
	735-6005	DEBRIS REMOVAL (ENTRANCE/EXIT RAMPS)	CYC	8.000						8.000	
	738-6001	CLEANING / SWEEPING (CENTER MEDIAN)	CYC	8.000						8.000	
	738-6003	CLEANING / SWEEPING (OUTSIDE MAIN LANE)	CYC	8.000						8.000	
	738-6007	CLEANING / SWEEPING(ENTRANCE/EXIT RAMP)	CYC	8.000						8.000	
	764-6001	DRAIN INLET CLEANING	EA	298.000		40.000		96.000		434.000	
	764-6021	SLOTTED DRAIN CLEANING	LF	1,300.000		1,628.000		3,575.000		6,503.000	
	6000-6002	REMOVE ABOVE-GROUND CONDUIT	LF	890.000				4,400.000		5,290.000	
	6000-6005	REMOVE UNDERGROUND CONDUIT	LF	2,390.000				180.000		2,570.000	
	6000-6008	REMOVE CONDUCTOR	LF	14,000.000				19,000.000		33,000.000	
	6000-6098	INSTALL CIRCUIT BREAKER	EA	4.000				1.000		5.000	
	6001-6002	PORTABLE CHANGEABLE MESSAGE SIGN	EA	3.000				3.000		6.000	
	6007-6010	FIBER OPTIC CBL (SNGLE-MODE)(6 FIBER)	LF	6,710.000		15,164.000		33,245.000		55,119.000	
	6007-6011	FIBER OPTIC CBL (SNGLE-MODE)(12 FIBER)	LF	185.000		100.000		285.000		570.000	
	6007-6012	FIBER OPTIC CBL (SNGLE-MODE)(24 FIBER)	LF					12,745.000		12,745.000	
	6007-6013	FIBER OPTIC CBL (SNGLE-MODE)(36 FIBER)	LF			15,856.000				15,856.000	
	6007-6014	FIBER OPTIC CBL (SNGLE-MODE)(48 FIBER)	LF			14,816.000				14,816.000	
	6007-6015	FIBER OPTIC CBL (SNGLE-MODE)(72 FIBER)	LF	41,540.000		22,709.000		14,685.000		78,934.000	
	6007-6087	FO SPLICE ENCLOSURE (TYPE 1)	EA			1.000				1.000	
	6007-6094	FIBER OPTIC FUSION SPLICE	EA			72.000				72.000	
	6007-6095	FIBER OPTIC PATCH PANEL (6 POSITION)	EA	5.000		18.000		21.000		44.000	
	6007-6096	FIBER OPTIC PATCH PANEL (12 POSITION)	EA	1.000		2.000		2.000		5.000	
	6007-6100	FIBER OPTIC PATCH PANEL (72 POSITION)	EA	2.000		3.000		4.000		9.000	
	6007-6101	FIBER OPTIC PATCH PANEL (96 POSITION)	EA			1.000				1.000	
	6008-6027	ITS GRND MNT CAB (TY 4) (CONF 2)	EA	1.000		3.000		2.000		6.000	
	6010-6002	CCTV FIELD EQUIPMENT (DIGITAL)	EA	4.000		5.000		17.000		26.000	
	6010-6004	CCTV MOUNT (POLE)	EA	4.000		5.000		17.000		26.000	

1 **ADDENDUM #1 – 07/26/2023 REPLACE SHEET**

Estimate & Quantity Sheet

CONTROLLING PROJECT ID 0047-06-158 **DISTRICT** Dallas **COUNTY** Collin, Dallas
HIGHWAY US 75

			CONTROL SECTION JOB	**0047-06-158**		**0047-06-163**		**0047-07-232**		TOTAL EST.	TOTAL FINAL
			PROJECT ID	**A00058822**		**A00061225**		**A00058821**			
			COUNTY	**Collin**		**Collin**		**Dallas**			
			HIGHWAY	**US 75**		**US 75**		**US 75**			
ALT	**BID CODE**	**DESCRIPTION**	**UNIT**	EST.	FINAL	EST.	FINAL	EST.	FINAL		
	6016-6006	ITS MULTI-DUCT CND (PVC-40)	LF			7,555.000				7,555.000	
	6016-6007	ITS MULTI-DUCT CND (PVC-40)(BORE)	LF			3,735.000				3,735.000	
	6016-6013	ITS MULTI-DUCT CND (RMC)	LF			252.000				252.000	
	6020-6004	MLTPLY PV MK W/WTY (W) (6") (SLD)	LF	74,981.000		49,106.000		45,231.000		169,318.000	
	6020-6005	MLTPLY PV MK W/WTY (W) (6") (BRK)	LF	95,153.000		60,616.000		54,368.000		210,137.000	
	6020-6006	MLTPLY PV MK W/WTY (W) (6") (DOT)	LF	2,961.000				140.000		3,101.000	
	6020-6007	MLTPLY PV MK W/WTY (W) (8") (SLD)	LF	22,833.000		13,924.000		16,299.000		53,056.000	
	6020-6008	MLTPLY PV MK W/WTY (W) (12") (SLD)	LF	10,691.000		6,436.000		6,419.000		23,546.000	
	6020-6009	MLTPLY PV MK W/WTY (W) (12") (LNDP)	LF	1,758.000		9,503.000		2,844.000		14,105.000	
	6020-6014	MLTPLY PV MK W/WTY (Y) (6") (SLD)	LF	75,237.000		48,876.000		45,216.000		169,329.000	
	6020-6023	MLTPLY PV MK (W) (ARROW)	EA	11.000		2.000		4.000		17.000	
	6020-6027	MLTPLY PV MK (W) (WORD)	EA	82.000		45.000		53.000		180.000	
	6027-6003	CONDUIT (PREPARE)	LF	38,770.000				23,270.000		62,040.000	
	6027-6004	JUNCTION BOX (INSTALL)	EA	1.000				20.000		21.000	
	6027-6008	GROUND BOX (PREPARE)	EA	78.000		15.000		33.000		126.000	
	6032-6001	SYSTEM INTEGRATION	LS	0.250		0.310		0.440		1.000	
	6049-6003	LONG CHANNEL MOUNT CURB SYS (REMOVE)	LF	31,150.000				42,700.000		73,850.000	
	6053-6001	SHIFT OVERHEAD SIGN PANELS	EA			1.000				1.000	
	6058-6001	BBU SYSTEM (EXTERNAL BATT CABINET)	EA					5.000		5.000	
	6064-6010	ITS POLE (30 FT)(90 MPH)	EA	1.000		4.000		7.000		12.000	
	6064-6046	ITS POLE (55 FT)(90 MPH)	EA					1.000		1.000	
	6064-6084	ITS POLE MNT CAB (TY 2)(CONF 2)	EA	1.000		4.000		8.000		13.000	
	6185-6002	TMA (STATIONARY)	DAY	1,200.000						1,200.000	
	6185-6005	TMA (MOBILE OPERATION)	DAY	300.000						300.000	
	6186-6004	ITS GND BOX(PCAST) TY 1 (243648)W/APRN	EA	4.000		8.000		8.000		20.000	
	6186-6006	ITS GND BOX(PCAST) TY 1 (243660)W/APRN	EA			13.000		13.000		26.000	
	6186-6012	ITS GND BOX(PCAST) TY 2 (366060)W/APRN	EA	2.000		1.000		10.000		13.000	
	6186-6025	REMOVE ITS GROUND BOX	EA			1.000				1.000	
	6277-6001	INST LRG GRND MNT AND OVRHD SIGN(STATE)	SF			114.000				114.000	
	6304-6002	ITS RVSD (DATA COLLECT & WWA) SYS	EA					5.000		5.000	
	6405-6001	GROUND BOX (173030)	EA	4.000				8.000		12.000	
	6405-6002	GROUND BOX (111824)	EA	2.000				4.000		6.000	
	6406-6001	LIGHTING PROTECTION SYSTEM	EA	1.000		2.000		2.000		5.000	
	6407-6001	VARIABLE MESSAGE SYS(VMS) W/FND MTD CAB	EA	4.000		4.000		7.000		15.000	
	6407-6002	VARIABLE MESSAGE SYS(VMS) W/OUT CABINET	EA			1.000				1.000	
	6475-6001	HARDENED ETHERNET SWITCH	EA					10.000		10.000	
	6503-6001	AMBER SLDMS 7X50 W/FTD MTD CAB	EA					4.000		4.000	

1 **ADDENDUM #1 – 07/26/2023 REPLACE SHEET**

TxDOTCONNECT

Report Generated By: txdotconnect_internal_ext

Report Created On: Jul 26, 2023 8:47:50 AM

DISTRICT	COUNTY	CCSJ	SHEET
Dallas	Collin	0047-06-158	32E

Estimate & Quantity Sheet

CONTROLLING PROJECT ID 0047-06-158 **DISTRICT** Dallas **COUNTY** Collin, Dallas
HIGHWAY US 75

			CONTROL SECTION JOB	**0047-06-158**		**0047-06-163**		**0047-07-232**		TOTAL EST.	TOTAL FINAL
			PROJECT ID	**A00058822**		**A00061225**		**A00058821**			
			COUNTY	**Collin**		**Collin**		**Dallas**			
			HIGHWAY	**US 75**		**US 75**		**US 75**			
ALT	**BID CODE**	**DESCRIPTION**	**UNIT**	EST.	FINAL	EST.	FINAL	EST.	FINAL		
	6503-6002	AMBER SLDMS 7X35 W/FTD MTD CAB	EA					1.000		1.000	
	6503-6003	AMBER SLDMS 7X35 W/OUT CABINET	EA					1.000		1.000	
	14	PUBLIC UTILITY FORCE ACCT WORK (PARTICIPATING)	LS	1.000		1.000		1.000		3.000	
	16	MATERIAL FURNISHED BY THE STATE (PARTICIPATING)	LS	1.000		1.000		1.000		3.000	
	18	EROSION CONTROL MAINTENANCE: CONTRACTOR FORCE ACCOUNT WORK (PART)	LS	1.000						1.000	
		LAW ENFORCEMENT: CONTRACTOR FORCE ACCOUNT WORK (PARTICIPATING)	LS	1.000						1.000	
		SAFETY CONTINGENCY: CONTRACTOR FORCE ACCOUNT WORK (PARTICIPATING)	LS	1.000						1.000	

1 **ADDENDUM #1 – 07/26/2023 REPLACE SHEET**

ROADWAY SUMMARY - CSJ 0047-06-163					
LOCATIONS	ITEM	ITEM	ITEM	ITEM	ITEM
	100 6002	104 6023	514 6005	764 6001	764 6021
	PREPARING ROW	REMOVING CONC (CTB)	PERM CTB (SGL SLOPE) (TY 1) (48")	DRAIN INLET CLEANING	SLOTTED DRAIN CLEANING
	STA	LF	LF	EA	LF
BEGIN CSJ TO STA 734+34	226.34	22634	21933.5	26	1584
STA 734+34 TO STA 767+00	32.66	0	0	0	0
STA 767+00 TO END CSJ	49.70	2326	2198	14	44
CSJ 0047-06-163 TOTAL	308.70	24960	24131.5	40	1628

1 REPLACED: 7-21-2023

Texas Department of Transportation

US 75
TECHNOLOGY LANES
ROADWAY SUMMARY SHEET
STA. 508+00 TO STA. 792+14

SHEET 4 OF 4

DESIGN	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
IIE	6	SEE TITLE SHEET		US 75
GRAPHICS IIE	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK	TEXAS	DAL	COLLIN, ETC.	38
CHECK	CONTROL	SECTION	JOB	
	0047	06	158, ETC.	

SIGNING SUMMARY - CSJ 0047-07-232

ITEM NUMBER		416	416	416	420	420	636	636	636	636	644	647	650	650	650	650	650	650	650	650
DESC. CODE		6004	6006	6007	6049	6068	6001	6003	6006	6009	6066	6003	6020	6025	6027	6032	6041	6045	6204	6205
SHEET	STATIONS	DRILL SHAFT (36 IN)	DRILL SHAFT (48 IN)	DRILL SHAFT (54 IN)	CL C CONC (CRASHWALL)	CL C CONC (SIGN COLUMN)	ALUMINUM SIGNS (TY A)	ALUMINUM SIGNS (TY O)	REFURBISH ALUMINUM SIGNS (TY O)	REPLACE EXISTING ALUMINUM SIGNS (TY O)	IN SM RD SN SUP&AM (RAIL MOUNT)	REMOVE LRSA	INS OH SN SUP(20 FT CANT)(SPAN ONLY)	INS OH SN SUP(25 FT CANT)	INS OH SN SUP(25 FT CANT)(SPAN ONLY)	INS OH SN SUP(30 FT CANT)	INS OH SN SUP(35 FT CANT)(SPAN ONLY)	INS OH SN SUP(40 FT CANT)	REMOVE OVERHD SIGN SUP	REMOVE OVERHD SIGN SUP (SIGN ONLY)
		LF	LF	LF	CY	CY	SF	SF	EA	SF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
SHEET 1 OF 87	BEGIN TO 222+00.00			20								1						1		
SHEET 2 OF 87	222+00.00 TO 223+37.48 39+85.89 TO 50+00.00		36									2				1				
SHEET 3 OF 87	50+00.00 TO 61+00.00		36											1					1	
SHEET 4 OF 87	61+00.00 TO 72+00.00																			
SHEET 5 OF 87	72+00.00 TO 83+00.00																			
SHEET 6 OF 87	83+00.00 TO 94+00.00		15								1			1					1	
SHEET 7 OF 87	94+00.00 TO 105+00.00	30			11.2	15.4									1					
SHEET 8 OF 87	105+00.00 TO 116+00.00	106			22.4	32.0							2		1		1		1	
SHEET 9 OF 87	116+00.00 TO 127+00.00	44			11.2	16.0					2				1					
SHEET 10 OF 87	127+00.00 TO 138+00.00	30			11.2	15.6					1		2							
SHEET 11 OF 87	138+00.00 TO 149+00.00										1									
SHEET 12 OF 87	149+00.00 TO 160+00.00	36			11.2	16.0					1				1					
SHEET 13 OF 87	160+00.00 TO 171+00.00	84			11.2	15.4									2					
SHEET 14 OF 87	171+00.00 TO 182+00.00	44			11.2	16.0					1				1				1	
SHEET 15 OF 87	182+00.00 TO 193+00.00										1									
SHEET 16 OF 87	193+00.00 TO 204+00.00										1								1	
SHEET 17 OF 87	204+00.00 TO 215+00.00	84			11.2	17.4					1				2					
SHEET 18 OF 87	215+00.00 TO 226+00.00										1									
SHEET 19 OF 87	226+00.00 TO 237+00.00										1								1	
SHEET 20 OF 87	237+00.00 TO 248+00.00																			
SHEET 21 OF 87	248+00.00 TO 259+00.00										2									
SHEET 22 OF 87	259+00.00 TO 270+00.00	62			11.2	15.4									2					
SHEET 23 OF 87	270+00.00 TO 281+00.00										1								1	
SHEET 24 OF 87	281+00.00 TO 292+00.00										1									
SHEET 25 OF 87	292+00.00 TO 303+00.00										1									
SHEET 26 OF 87	303+00.00 TO 310+41.19																		1	
SHEET 1 OF 1	IH 635 PERIMETER SIGNS																			1
CSJ 0047-07-232	CSJ TOTALS*	520	87	20	112	159.2	105	3308.5	3	143.75	17	3	4	2	11	1	1	1	8	1

* TOTALS FOR ITEMS 636 TAKEN FROM LARGE SIGN SUMMARY SHEET TOTALS FOR CSJ 0047-07-232. SEE LARGE SIGN SUMMARY SHEET FOR ADDITIONAL QUANTITY DETAILS.

1 REPLACED 7/21/2023

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1229
972.960.4400

US 75 TECHNOLOGY LANES SIGNING SUMMARIES

SHEET 1 OF 3

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	49
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

FINAL

⚠1 REPLACED 7-21-2023

SUMMARY OF ESTIMATED QUANTITIES - CSJ : 0047-07-232		
ITEM NUMBER	416 6004 †	420 6043
DESCRIPTION	DRILLED SHAFT (36 IN)	CL C CONC (FOOTING)
	LF	CY
2 ~ COSS SITES	124	45.5
CSJ : 0047-07-232 TOTAL	124	45.5

SUMMARY OF ESTIMATED QUANTITIES - CSJ : 0047-06-158		
ITEM NUMBER	416 6004 †	420 6043
DESCRIPTION	DRILLED SHAFT (36 IN)	CL C CONC (FOOTING)
	LF	CY
1 ~ COSS SITE	68	22.8
CSJ : 0047-06-158 TOTAL	68	22.8

SUMMARY OF ESTIMATED QUANTITIES - CSJ : 0047-06-163, ETC			
ITEM NUMBER	416 6004 †	420 6037	420 6043
DESCRIPTION	DRILLED SHAFT (36 IN)	CL C CONC (COLUMN)	CL C CONC (FOOTING)
	LF	CY	CY
2 ~ COSS SITES	116	11.9	42.0
CSJ : 0047-06-163, ETC TOTAL	116	11.9	42.0

† BID ITEM SHOWN IN MULTIPLE SUMMARY BOXES

ATKINS TBPE REG. # F-474

Texas Department of Transportation®

US 75 TECHNOLOGY LANES

SUMMARY OF QUANTITIES
TECHNOLOGY STRUCTURES

DESIGNED	FED. RD. DIV. NO.		PROJECT NO.	HIGHWAY NO.
DMJ	6		(SEE TITLE SHEET)	US 75
DRAWN JMG	STATE	DISTRICT	COUNTY	
CHECKED PMW	TEXAS	DALLAS	COLLIN, ETC.	
APPROVED PMW	CONTROL	SECTION	JOB	SHEET NO.
	0047	06	158, ETC.	64

DATE: 7/17/2023 TIME: 11:08:39 AM
PLOT DRIVER: TexasTwoStep*pdf*co.pltcfg
PEN TABLE: US75.tbl
FILE:

SUMMARY OF SMALL SIGNS CSJ: 0047-07-232

SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)

PLAN SHEET NO.	SIGN NO.	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	POST TYPE: FRP = Fiberglass, TWT = Thin-Wall, 10BWG = 10 BWG, S80 = Sch 80	POSTS: 1 or 2	ANCHOR TYPE: UA=Universal Conc, UB=Universal Bolt, SA=Slipbase-Conc, SB=Slipbase-Bolt, WS=Wedge Steel, WP=Wedge Plastic	MOUNTING DESIGNATION: PREFABRICATED: P = "Plain", T = "T", U = "U"	1EXT or 2EXT = # of Ext BM = Extruded Wind Beam WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels	BRIDGE MOUNT CLEARANCE SIGNS (See Note 2) TY = TYPE: TY N, TY S
6	1	CUSTOM	EXIT \	48X60	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.					
8	1	OMIT										
9	1	W12-2	↑ 16'7" ↓	48X48	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 3 SIGN MOUNT.					
	2	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.					
			UNAUTHORIZED VEHICLES WILL BE FINED									
10	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.					
			UNAUTHORIZED VEHICLES WILL BE FINED									
	2	OMIT										
11	1	OMIT										
	2	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.					
			UNAUTHORIZED VEHICLES WILL BE FINED									
12	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.					
			UNAUTHORIZED VEHICLES WILL BE FINED									
13	1	OMIT										
	2	OMIT										
14	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.					
			UNAUTHORIZED VEHICLES WILL BE FINED									
15	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.					
			UNAUTHORIZED VEHICLES WILL BE FINED									
	2	OMIT										
	3	OMIT										
16	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.					
			UNAUTHORIZED VEHICLES WILL BE FINED									
17	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.					
			UNAUTHORIZED VEHICLES WILL BE FINED									
18	1	OMIT										
	2	OMIT										
	3	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.					
			UNAUTHORIZED VEHICLES WILL BE FINED									

DATE: 7/20/2023 1:45:06 PM
FILE: c:\pwworking\dal\d0961558\US75TFSQ03.dgn

⚠1 **REPLACED 7/21/2023**

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

The Standard Highway Sign Designs for Texas (SHSD) can be found at the following website.

http://www.txdot.gov/

NOTE:

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2. For installation of bridge mount clearance signs, see Bridge Mounted Clearance Sign Assembly (BMCS)Standard Sheet.
3. For Sign Support Descriptive Codes, see Sign Mounting Details Small Roadside Signs General Notes & Details SMD(GEN).

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED
PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:35:05-05'00'

Texas Department of Transportation | Traffic Operations Division Standard

SUMMARY OF SMALL SIGNS

SOSS

SHEET 1 OF 7

FILE: sums16.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT May 1987	CONT	SECT	JOB	HIGHWAY
REVISIONS 4-16 8-16	0047	06	158,ETC.	US 75
	DIST	COUNTY		SHEET NO.
	DAL	COLLIN, ETC		68

18

SUMMARY OF SMALL SIGNS CSJ: 0047-07-232

SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)

PLAN SHEET NO.	SIGN NO.	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SPECIAL INSTRUCTIONS
19	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.
			UNAUTHORIZED VEHICLES WILL BE FINED				
20	1	OMIT					
	2	OMIT					
21	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.
			UNAUTHORIZED VEHICLES WILL BE FINED				
	2	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.
			UNAUTHORIZED VEHICLES WILL BE FINED				
22	1	OMIT					
	2	OMIT					
23	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.
			UNAUTHORIZED VEHICLES WILL BE FINED				
24	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.
			UNAUTHORIZED VEHICLES WILL BE FINED				
25	1	OMIT					
	2	OMIT					
	3	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.
			UNAUTHORIZED VEHICLES WILL BE FINED				

POST TYPE	POSTS	ANCHOR TYPE	MOUNTING DESIGNATION: PREFABRICATED	MOUNTING DESIGNATION: 1EXT or 2EXT = # of Ext	BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)
FRP = Fiberglass TWT = Thin-Wall 10BWG = 10 BWG S80 = Sch 80	1 or 2	UA=Universal Conc UB=Universal Bolt SA=Slipbase-Conc SB=Slipbase-Bolt WS=Wedge Steel WP=Wedge Plastic	P = "Plain" T = "T" U = "U"	BM = Extruded Wind Beam WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels	TY = TYPE TY N TY S

DISCLAIMER:
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DATE: 7/20/2023 1:45:07 PM
FILE: c:\pwworking\dal\d0961558\US75TFSQ003A.dgn

1 REPLACED 7/21/2023

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

The Standard Highway Sign Designs for Texas (SHSD) can be found at the following website.

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NOTE:

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2. For installation of bridge mount clearance signs, see Bridge Mounted Clearance Sign Assembly (BMCS) Standard Sheet.
3. For Sign Support Descriptive Codes, see Sign Mounting Details Small Roadside Signs General Notes & Details SMD(GEN).

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:35:54-05'00'

Texas Department of Transportation | Traffic Operations Division Standard

SUMMARY OF SMALL SIGNS

SOSS

SHEET 2 OF 7

FILE:	sums16.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT	May 1987	CONT	SECT	JOB	HIGHWAY
REVISIONS		0047	06	158,ETC.	US 75
4-16		DIST	COUNTY		SHEET NO.
8-16		DAL	COLLIN, ETC		69

18

SUMMARY OF SMALL SIGNS CSJ: 0047-06-158

PLAN SHEET NO.	SIGN NO.	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)	BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)
							POST TYPE: FRP = Fiberglass, TWT = Thin-Wall, 10BWG = 10 BWG, S80 = Sch 80 / POSTS: 1 or 2 / ANCHOR TYPE: UA=Universal Conc, UB=Universal Bolt, SA=Slipbase-Conc, SB=Slipbase-Bolt, WS=Wedge Steel, WP=Wedge Plastic / MOUNTING DESIGNATION: PREFABRICATED: P = "Plain", T = "T", U = "U"; 1EXT or 2EXT = # of Ext, BM = Extruded Wind Beam, WC = 1.12 #/ft Wing Channel, EXAL= Extruded Alum Sign Panels	TY = TYPE: TY N, TY S
26	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
27	1	OMIT						
	2	OMIT						
28	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
29	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
30	1	OMIT						
	2	OMIT						
	3	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
32	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
	2	OMIT						
	3	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
33	1	OMIT						
	2	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
34	1	OMIT						
36	1	OMIT						
	2	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
37	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
	2	OMIT						
38	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
	2	OMIT						

DATE: 7/20/2023 1:45:07 PM
FILE: c:\pwworking\dal\d0961558\US75TFSQ04.dgn

1 **REPLACED 7/21/2023**

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

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NOTE:

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2. For installation of bridge mount clearance signs, see Bridge Mounted Clearance Sign Assembly (BMCS) Standard Sheet.
3. For Sign Support Descriptive Codes, see Sign Mounting Details Small Roadside Signs General Notes & Details SMD(GEN).

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:35:48-05'00'

Texas Department of Transportation

Traffic Operations Division Standard

SUMMARY OF SMALL SIGNS

SOSS

SHEET 3 OF 7

FILE:	sums16.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT	May 1987	CONT	SECT	JOB	HIGHWAY
REVISIONS		0047	06	158,ETC.	US 75
4-16		DIST	COUNTY		SHEET NO.
8-16		DAL	COLLIN, ETC		70

18

SUMMARY OF SMALL SIGNS CSJ: 0047-06-158

PLAN SHEET NO.	SIGN NO.	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)	BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)
							POST TYPE: FRP = Fiberglass, TWT = Thin-Wall, 10BWG = 10 BWG, S80 = Sch 80 / POSTS: 1 or 2 / ANCHOR TYPE: UA=Universal Conc, UB=Universal Bolt, SA=Slipbase-Conc, SB=Slipbase-Bolt, WS=Wedge Steel, WP=Wedge Plastic / MOUNTING DESIGNATION: PREFABRICATED: P = "Plain", T = "T", U = "U"; 1EXT or 2EXT = # of Ext BM = Extruded Wind Beam WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels	TY = TYPE: TY N, TY S
39	1	OMIT						
	2	CUSTOM	EXPRESS LANE UNAUTHORIZED VEHICLES WILL BE FINED	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
40	1	CUSTOM	EXPRESS LANE UNAUTHORIZED VEHICLES WILL BE FINED	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
	2	OMIT						
41	1	OMIT						
	2	CUSTOM	EXPRESS LANE UNAUTHORIZED VEHICLES WILL BE FINED	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
43	1	CUSTOM	EXPRESS LANE UNAUTHORIZED VEHICLES WILL BE FINED	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
	2	OMIT						
	3	OMIT						
	4	CUSTOM	EXPRESS LANE UNAUTHORIZED VEHICLES WILL BE FINED	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
45	1	CUSTOM	EXPRESS LANE UNAUTHORIZED VEHICLES WILL BE FINED	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
	2	OMIT						
46	1	OMIT						
	2	CUSTOM	EXPRESS LANE UNAUTHORIZED VEHICLES WILL BE FINED	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
47	1	CUSTOM	EXPRESS LANE UNAUTHORIZED VEHICLES WILL BE FINED	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
	2	OMIT						
48	1	OMIT						
	2	CUSTOM	EXPRESS LANE UNAUTHORIZED VEHICLES WILL BE FINED	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	

DATE: 7/20/2023 1:45:08 PM
FILE: c:\pwworking\dal\d0961558\US75TFSQ04A.dgn

1 **REPLACED 7/21/2023**

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

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3. For Sign Support Descriptive Codes, see Sign Mounting Details Small Roadside Signs General Notes & Details SMD(GEN).

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:35:41-05'00'

Texas Department of Transportation | Traffic Operations Division Standard

SUMMARY OF SMALL SIGNS

SOSS

SHEET 4 OF 7

FILE: sums16.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT May 1987	CONT	SECT	JOB	HIGHWAY
REVISIONS	0047	06	158,ETC.	US 75
4-16	DIST	COUNTY		SHEET NO.
8-16	DAL	COLLIN, ETC		71

SUMMARY OF SMALL SIGNS CSJ: 0047-06-158

PLAN SHEET NO.	SIGN NO.	SIGN NOMENCLATURE	SIGN	DIMENSIONS	FLAT ALUMINUM (TYPE A)	EXAL ALUMINUM (TYPE G)	SM RD SGN ASSM TY XXXXX (X) XX (X-XXXX)	BRIDGE MOUNT CLEARANCE SIGNS (See Note 2)
							POST TYPE: FRP = Fiberglass, TWT = Thin-Wall, 10BWG = 10 BWG, S80 = Sch 80 / POSTS: 1 or 2 / ANCHOR TYPE: UA=Universal Conc, UB=Universal Bolt, SA=Slipbase-Conc, SB=Slipbase-Bolt, WS=Wedge Steel, WP=Wedge Plastic / MOUNTING DESIGNATION: PREFABRICATED: P = "Plain", T = "T", U = "U"; 1EXT or 2EXT = # of Ext, BM = Extruded Wind Beam, WC = 1.12 #/ft Wing Channel, EXAL= Extruded Alum Sign Panels	TY = TYPE: TY N, TY S
50	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
	2	OMIT						
	3	OMIT						
	4	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
52	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
	2	OMIT						
53	1	OMIT						
	2	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
54	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
	2	OMIT						
55	1	OMIT						
	2	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
57	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
	2	OMIT						
58	1	OMIT						
	2	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
59	1	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					
	2	OMIT						
60	1	OMIT						
	2	CUSTOM	EXPRESS LANE	48X72	X		SPECIAL BARRIER MOUNT POST, SEE RIGID BASE SIGN DETAIL. USE SMD(BR-3)-14 TYPE 32 SIGN MOUNT.	
			UNAUTHORIZED VEHICLES WILL BE FINED					

DATE: 7/20/2023 1:45:08 PM
FILE: c:\pwworking\dal\d0961558\US75TFSQ04B.dgn

1 REPLACED 7/21/2023

ALUMINUM SIGN BLANKS THICKNESS	
Square Feet	Minimum Thickness
Less than 7.5	0.080"
7.5 to 15	0.100"
Greater than 15	0.125"

The Standard Highway Sign Designs for Texas (SHSD) can be found at the following website.

http://www.txdot.gov/

NOTE:

1. Sign supports shall be located as shown on the plans, except that the Engineer may shift the sign supports, within design guidelines, where necessary to secure a more desirable location or to avoid conflict with utilities. Unless otherwise shown on the plans, the Contractor shall stake and the Engineer will verify all sign support locations.
2. For installation of bridge mount clearance signs, see Bridge Mounted Clearance Sign Assembly (BMCS)Standard Sheet.
3. For Sign Support Descriptive Codes, see Sign Mounting Details Small Roadside Signs General Notes & Details SMD(GEN).

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:35:35-05'00'

Texas Department of Transportation — Traffic Operations Division Standard

SUMMARY OF SMALL SIGNS

SOSS

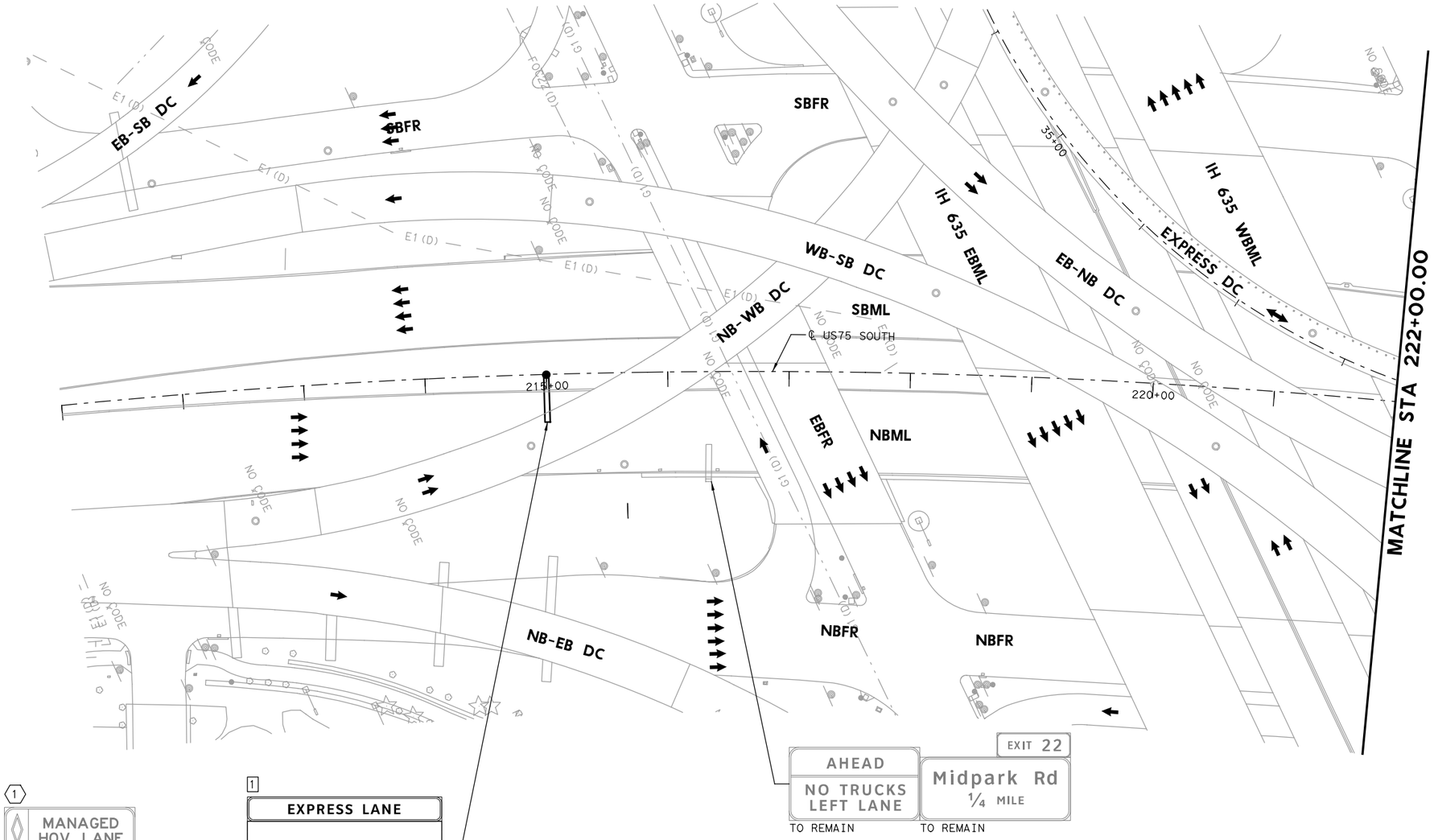
SHEET 5 OF 7

FILE:	sums16.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT	May 1987	CONT	SECT	JOB	HIGHWAY
REVISIONS		0047	06	158,ETC.	US 75
4-16		DIST	COUNTY		SHEET NO.
8-16		DAL	COLLIN, ETC		72

18

0 50 100 150 200
SCALE IN FEET

SEE PERIMETER SIGNING IH 635 SHEET 1 OF 1 FOR 635 EXPRESS



1
MANAGED HOV LANE
75 NORTH
EXIT 22
REMOVE EXISTING SIGN LOCATED SOUTH OF IH 635 (GROUND MOUNT)

1
EXPRESS LANE
V M S
LEFT LANE
STA 215+00 (US75)
MOUNT ON COSS

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 REPLACED 7/21/2023

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:42:12-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES BEGIN TO STA 222+00

SCALE: 1"=100' SHEET 1 OF 87

FED. RD. DIV. NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	456
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

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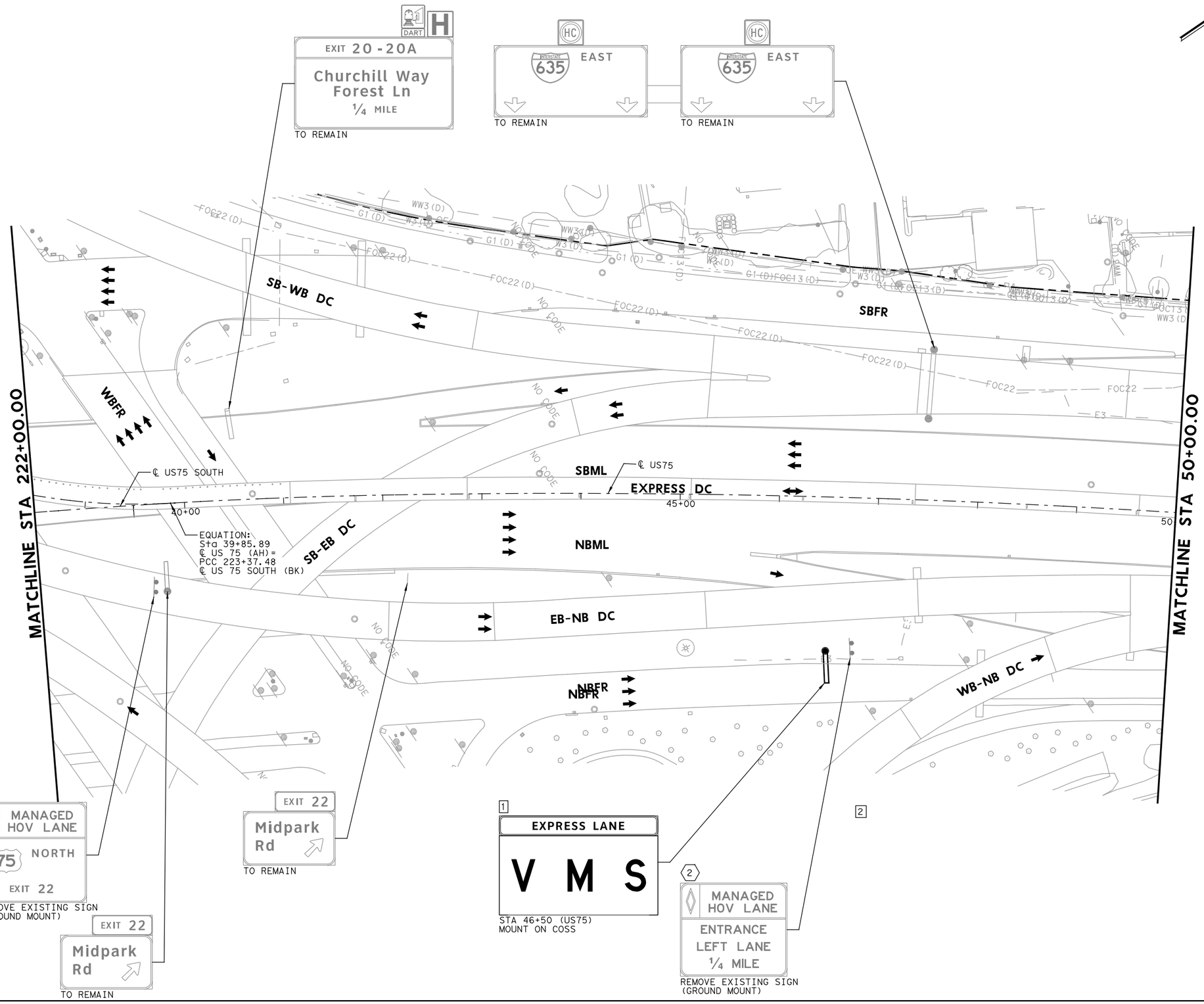

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:42:06-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 222+00 TO STA 50+00

SCALE: 1"=100' SHEET 2 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	457
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

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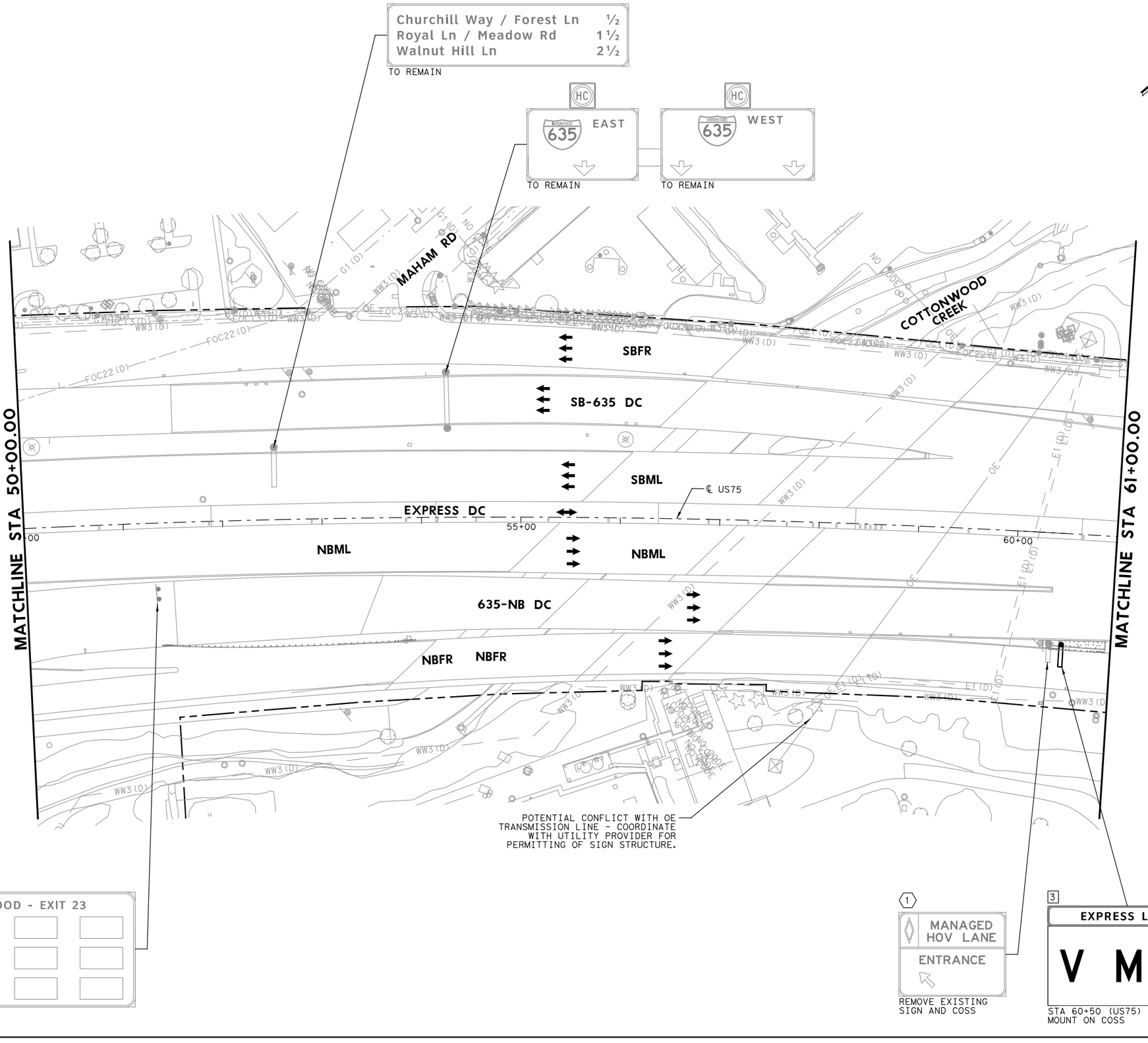

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:42:01-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 50+00 TO STA 61+00

SCALE: 1"=100' SHEET 3 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	458
0047	06	158, ETC.	

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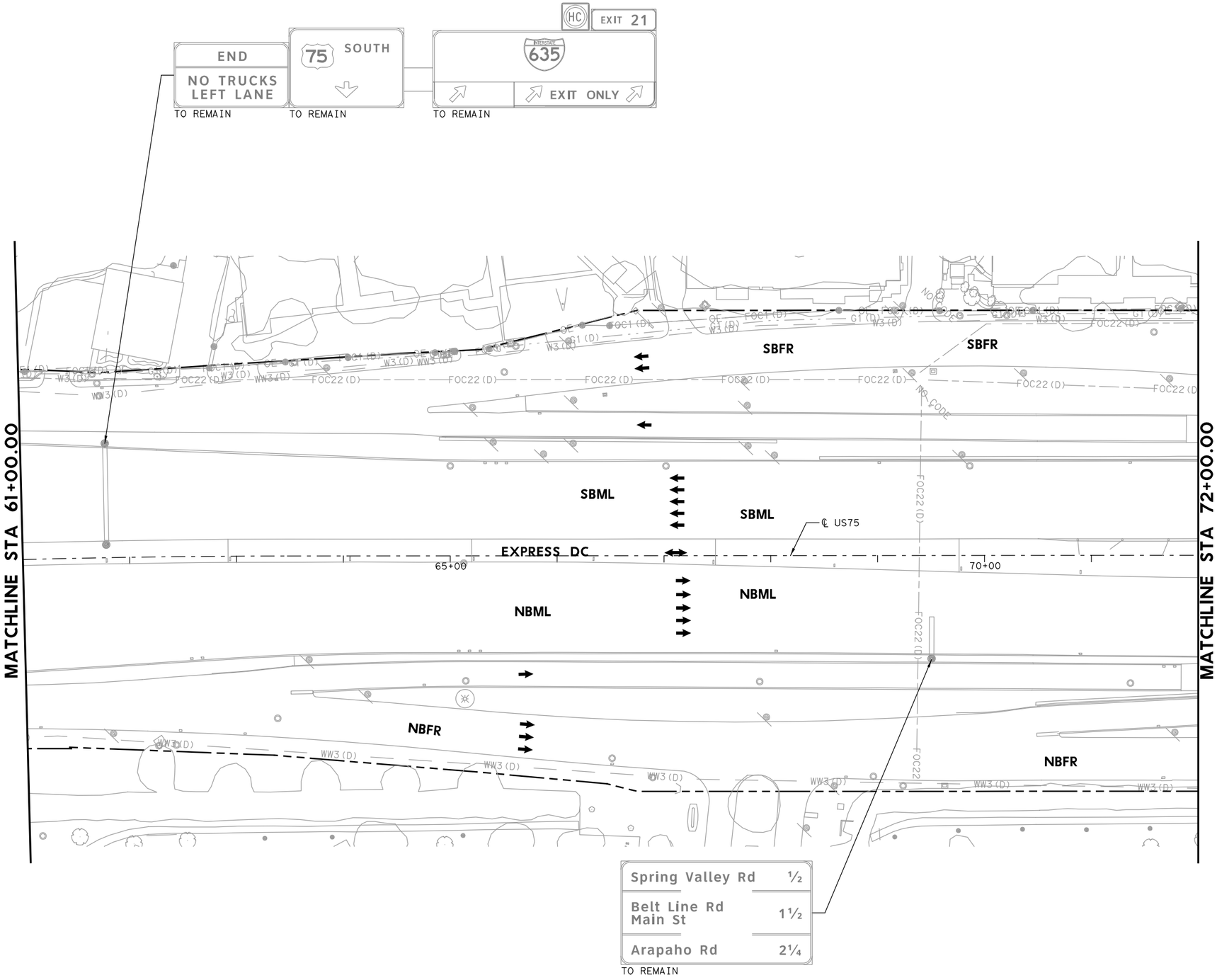

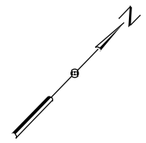

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

△1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:41:55-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 61+00 TO STA 72+00

SCALE: 1"=100' SHEET 4 OF 87

FED. RD. DIV. NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	459
0047	06	158, ETC.	

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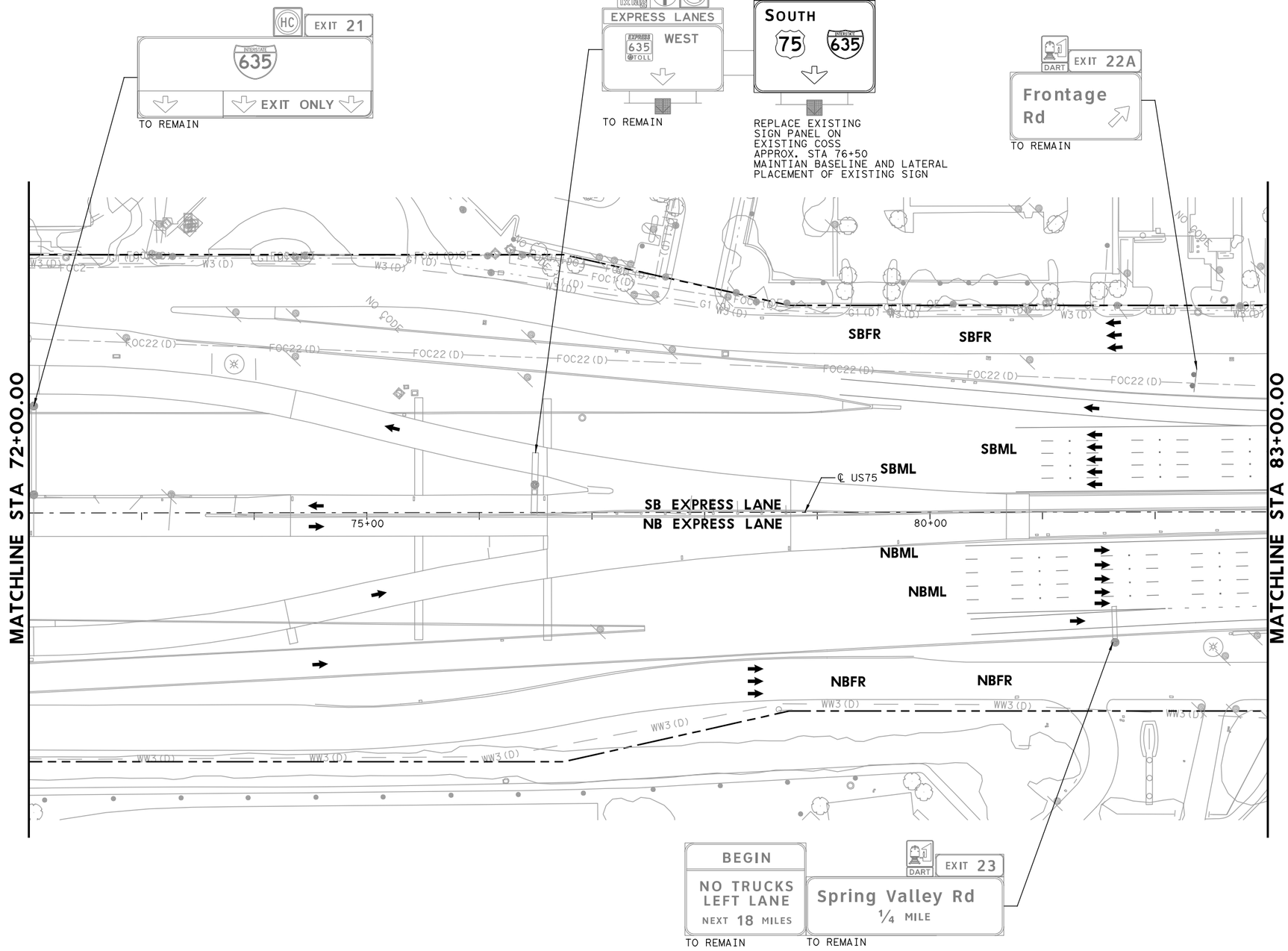

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

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Date: 2023.07.20 16:41:50-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
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Dallas, Texas 75248-1229
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Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 72+00 TO STA 83+00

SCALE: 1"=100' SHEET 5 OF 87

FED. RD. DIV. NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	460
0047	06	158, ETC.	

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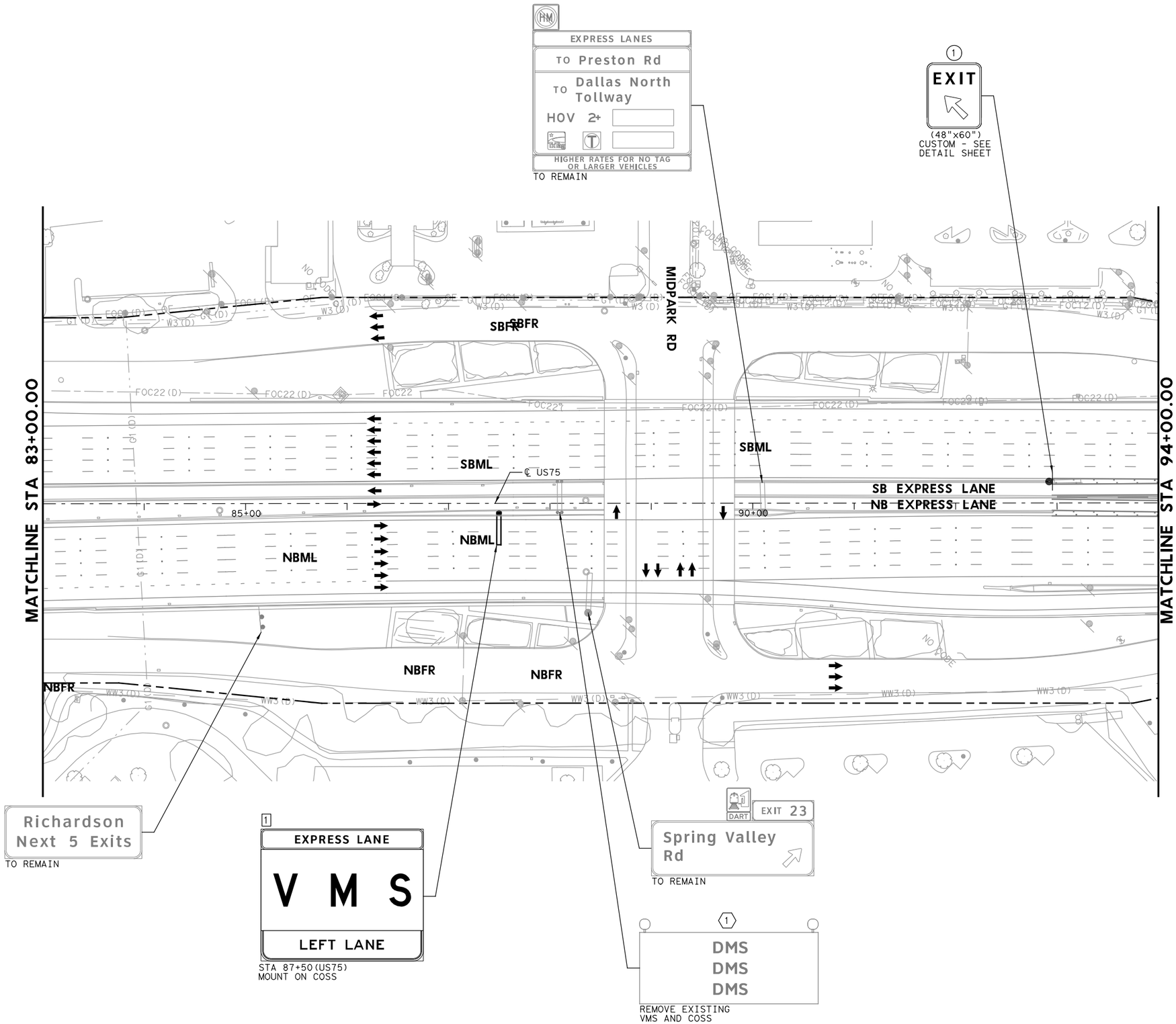

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:41:44-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 83+00 TO STA 94+00

SCALE: 1"=100' SHEET 6 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	461
0047	06	158, ETC.	

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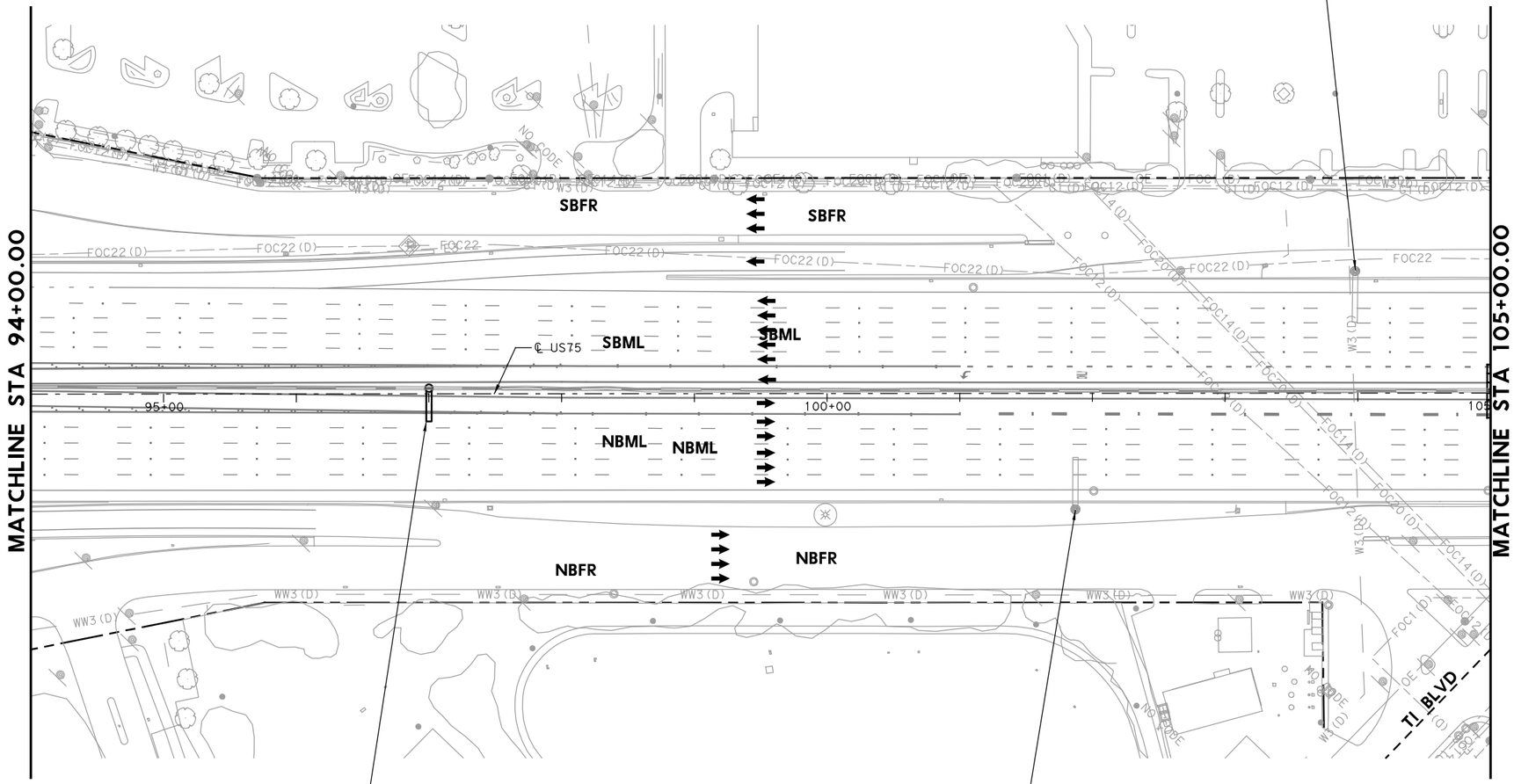

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SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:41:37-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 94+00 TO STA 105+00

SCALE: 1"=100' SHEET 7 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	462
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

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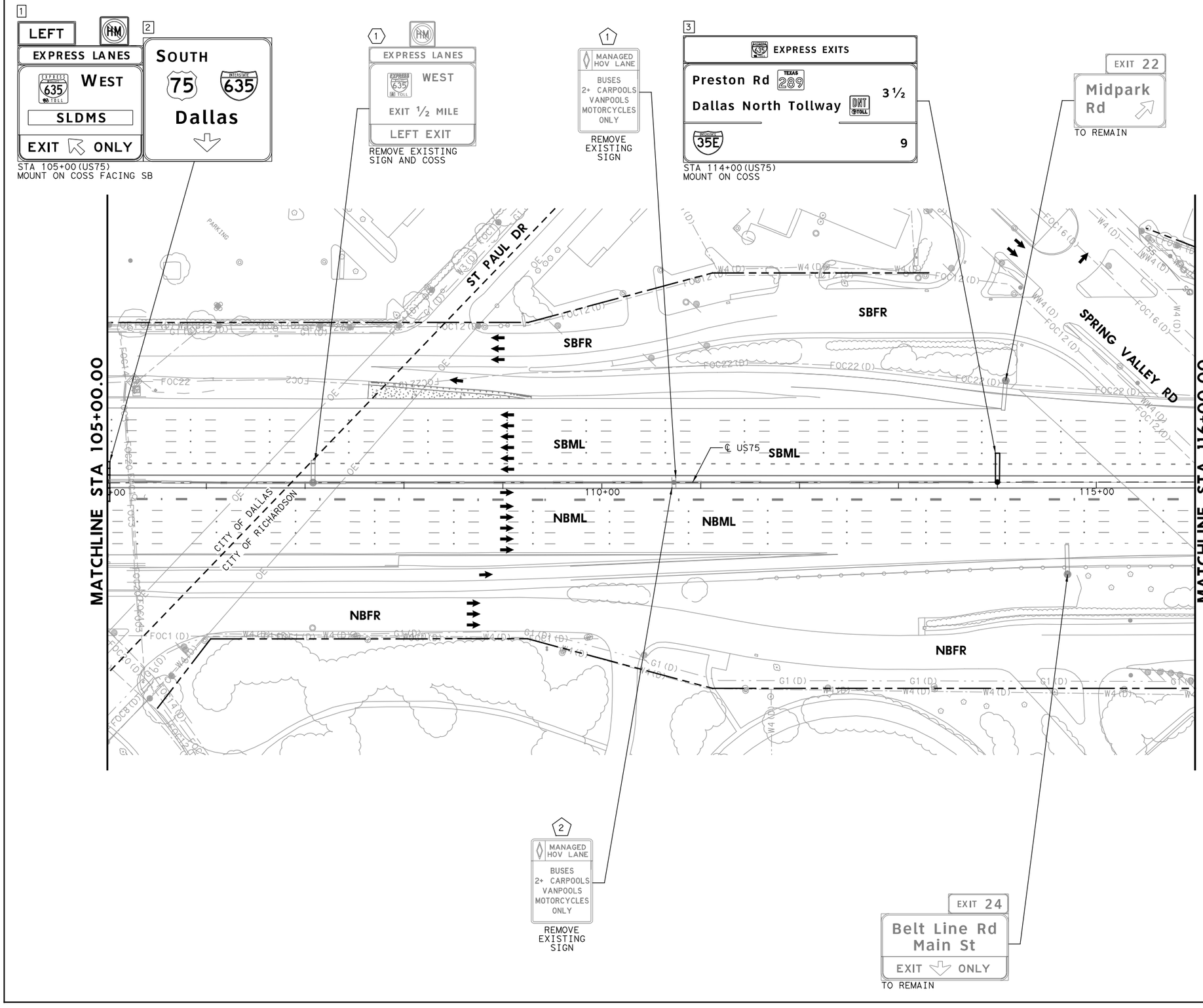

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:41:30-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 105+00 TO STA 116+00

SCALE: 1"=100' SHEET 8 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	463
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

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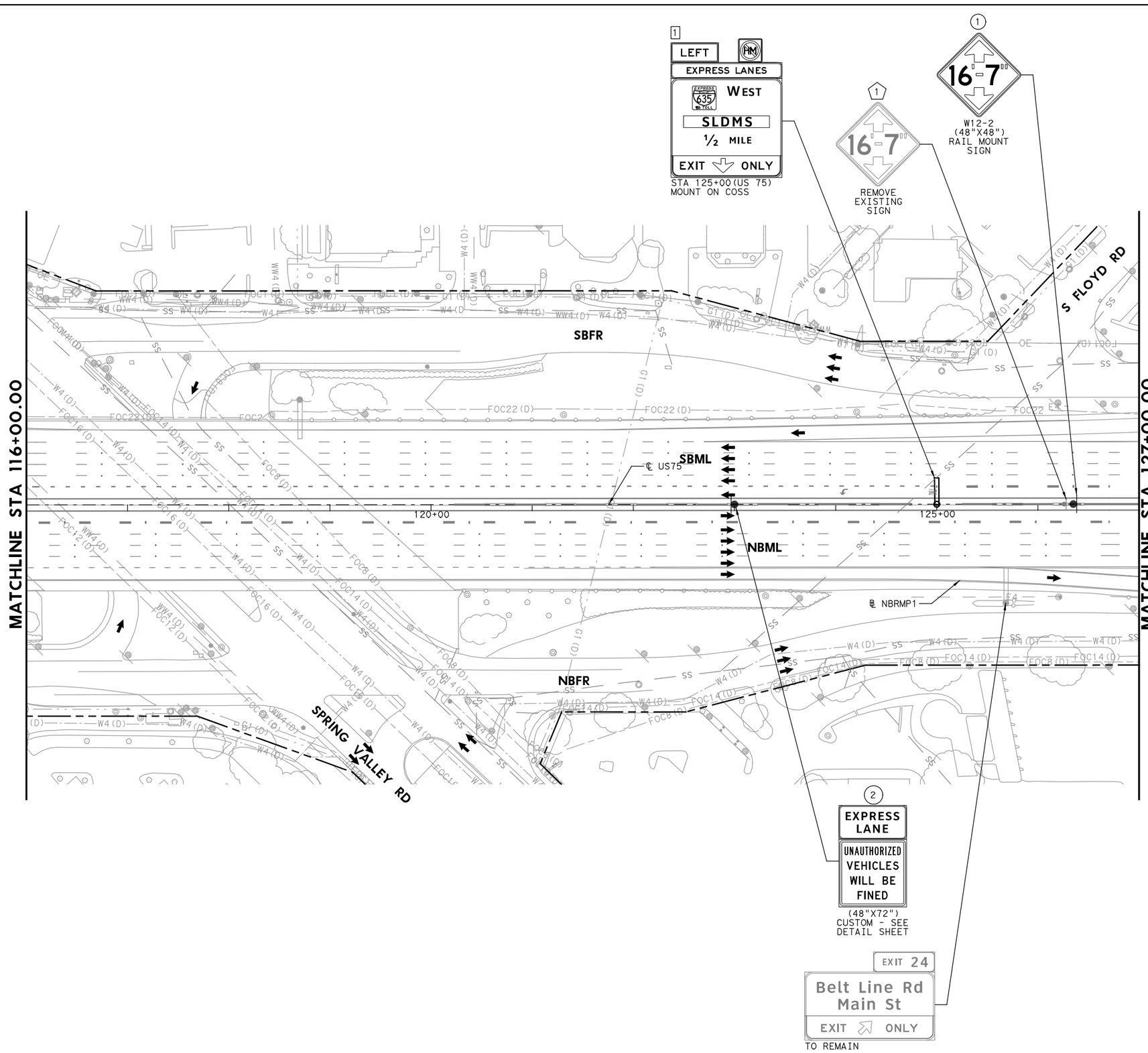

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED
PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:41:23-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 116+00 TO STA 127+00

SCALE: 1"=100' SHEET 9 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	464
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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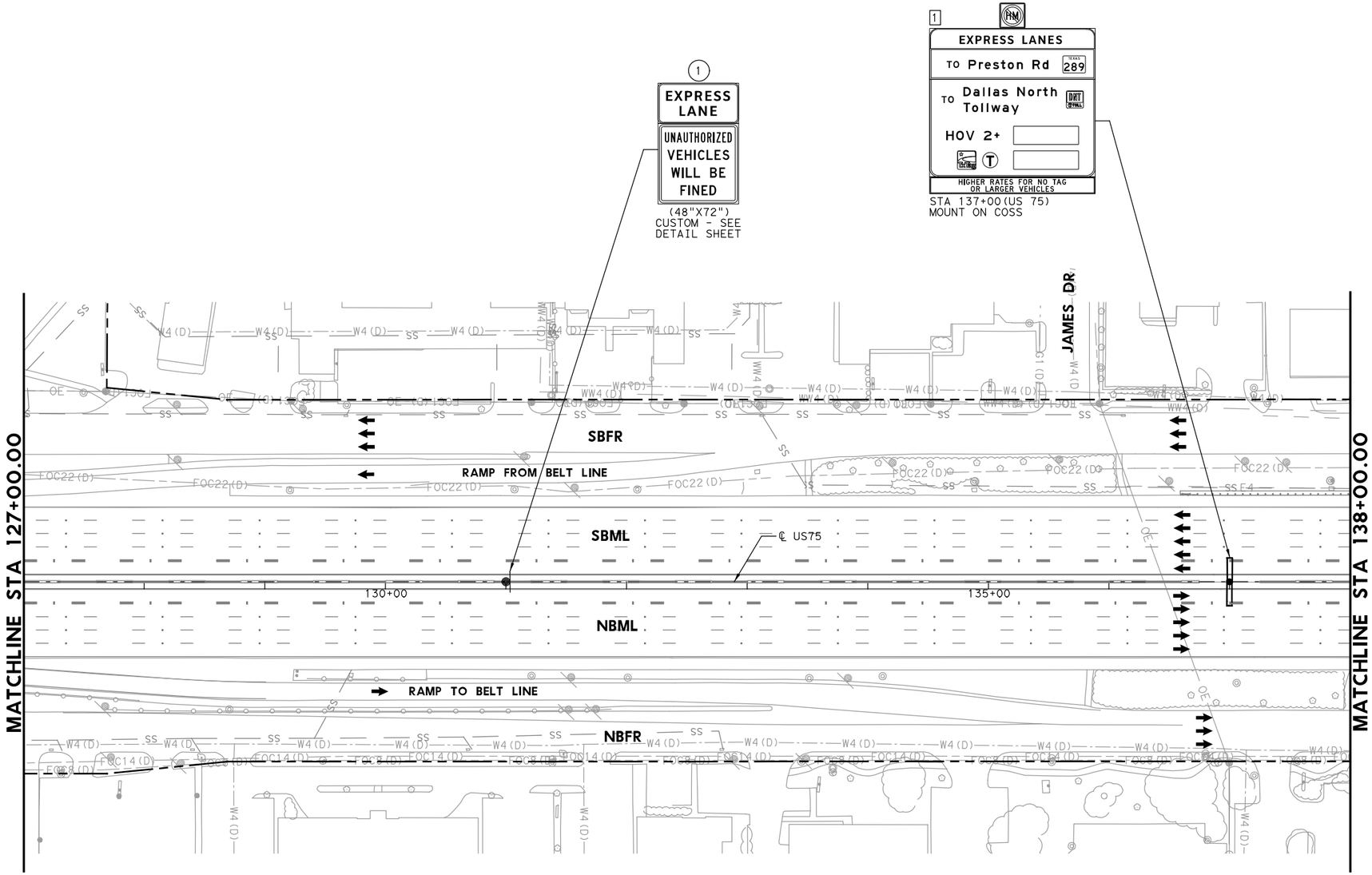

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:41:15-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 127+00 TO STA 138+00

SCALE: 1"=100' SHEET 10 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	465
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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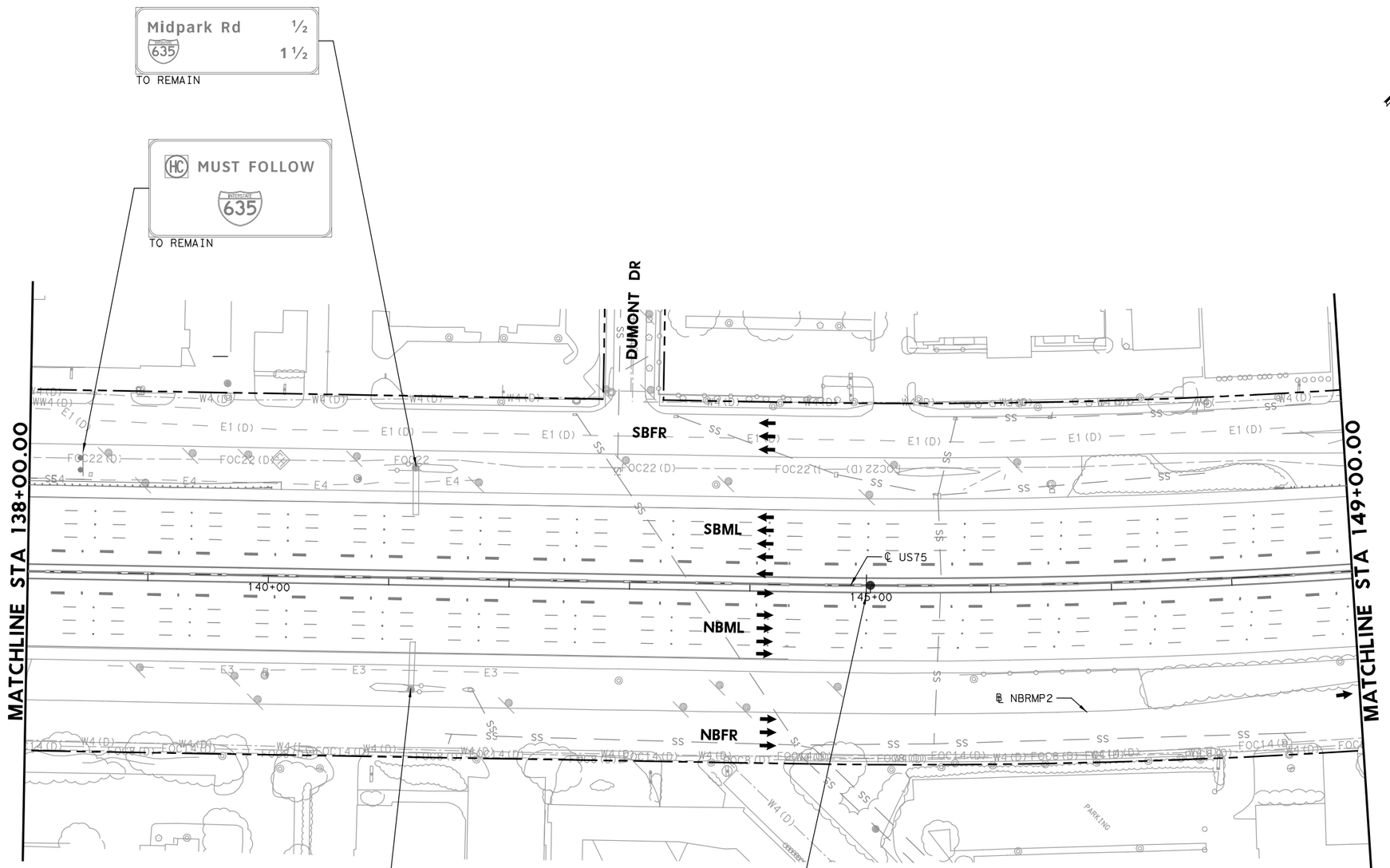

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:43:18-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 138+00 TO STA 149+00

SCALE: 1"=100' SHEET 11 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	466
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

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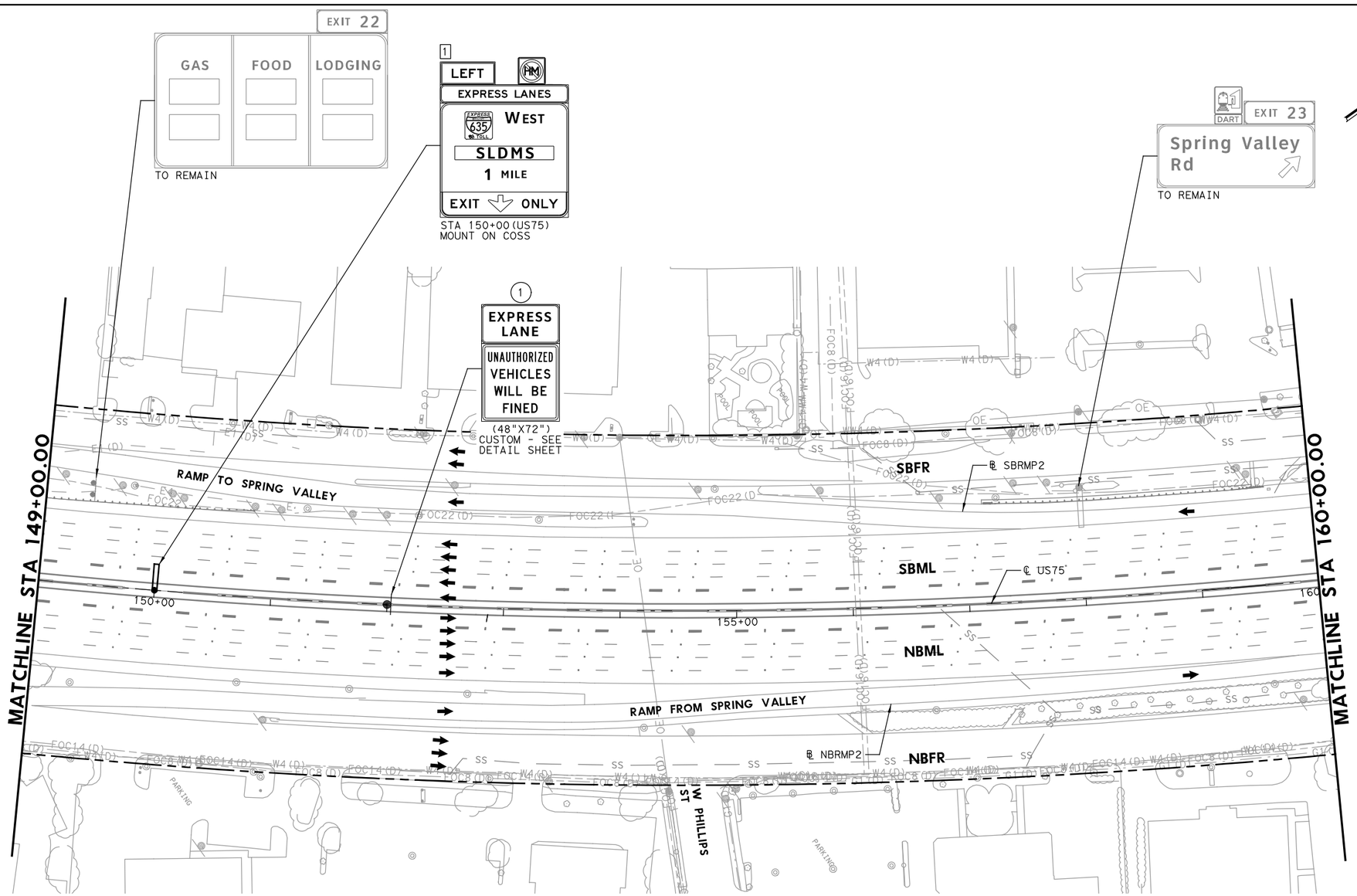

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:43:13-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES
SIGNING LAYOUT
MAINLANES
STA 149+00 TO STA 160+00

SCALE: 1"=100' SHEET 12 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	467
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

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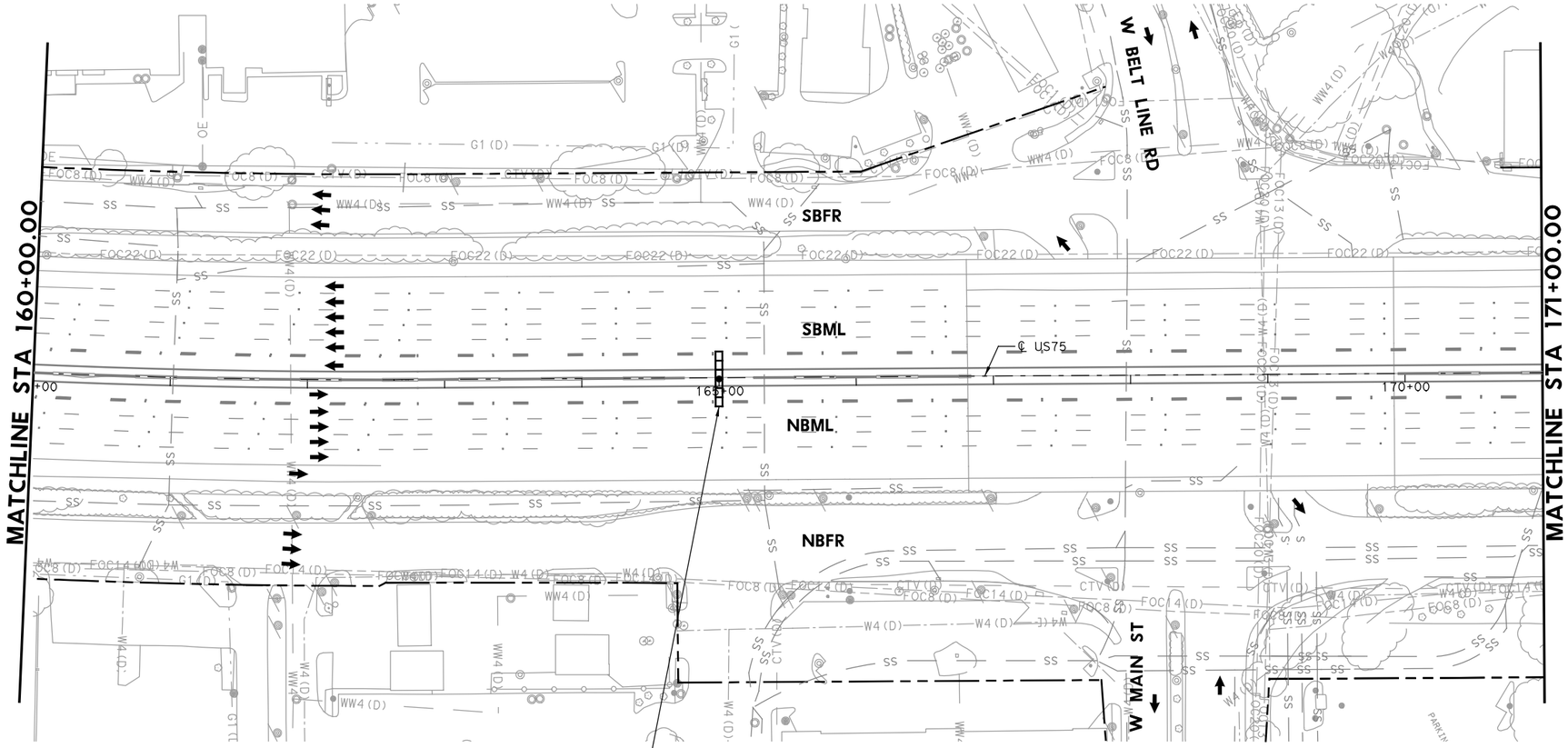

4
EXPRESS LANE
V M S
STA 165+00(US75)
MOUNT ON COSS FACING NB

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:43:07-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 160+00 TO STA 171+00

SCALE: 1"=100' SHEET 13 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	468
0047	06	158, ETC.	

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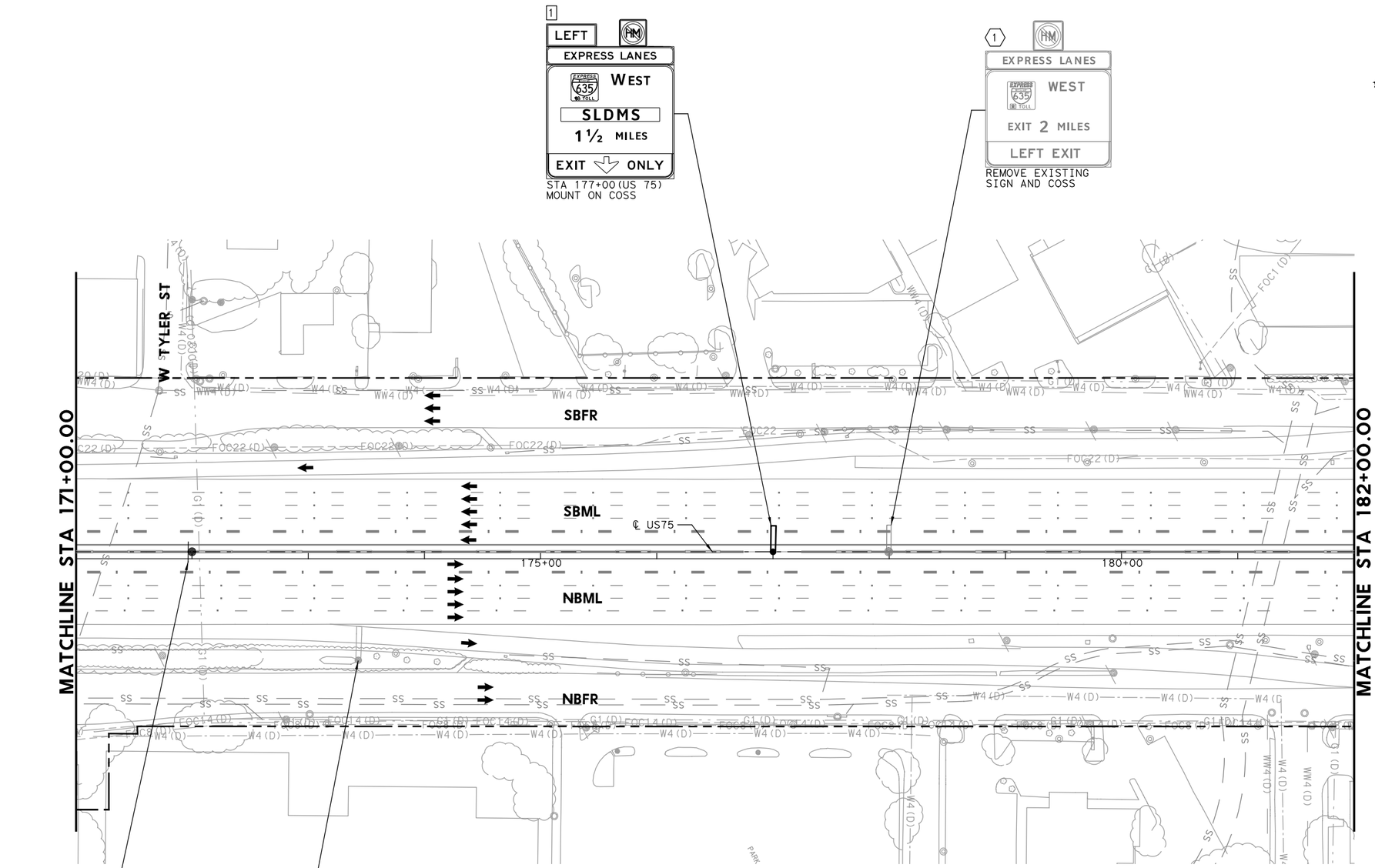

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:43:02-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 171+00 TO STA 182+00

SCALE: 1"=100' SHEET 14 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	469
0047	06	158, ETC.	

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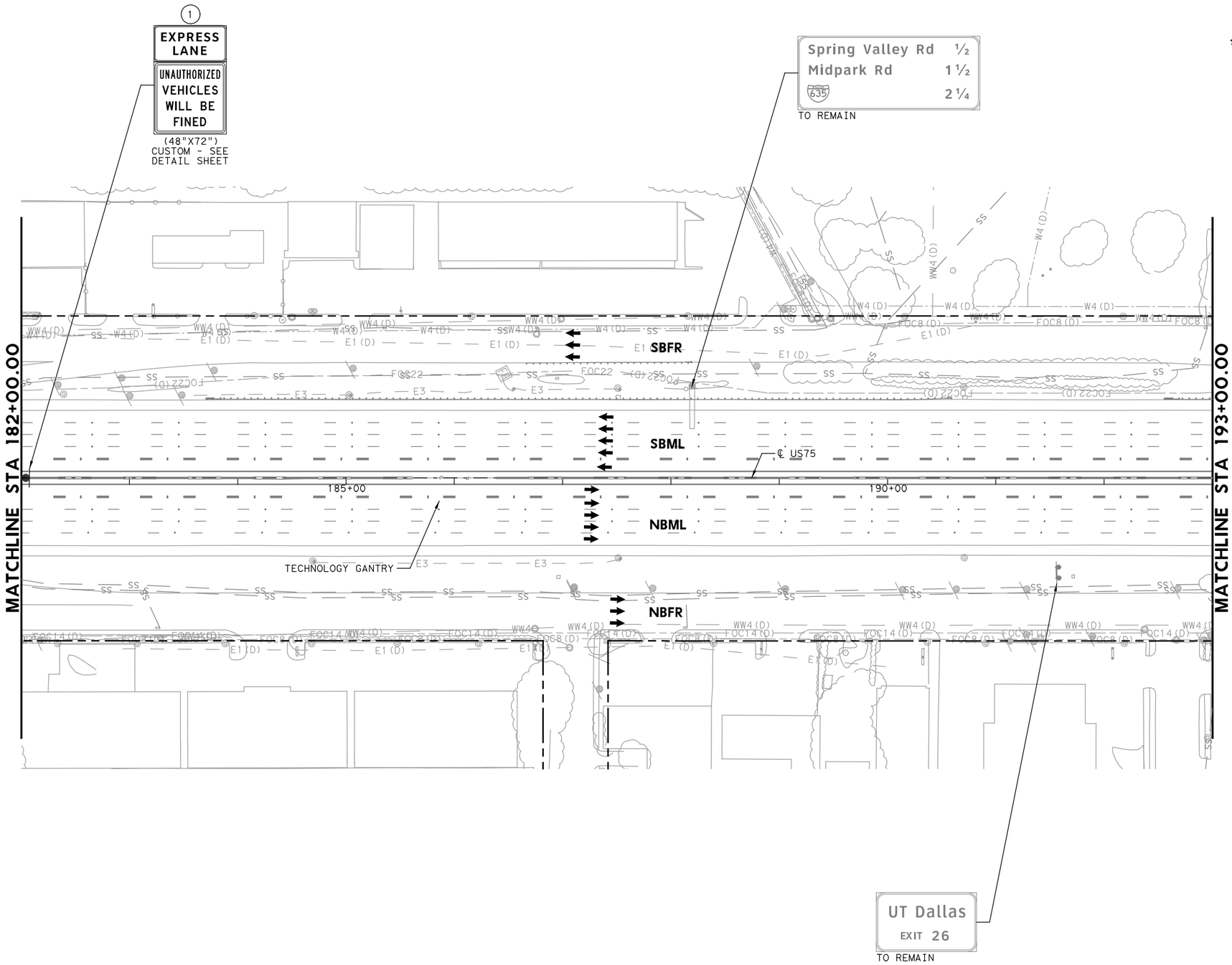

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:42:57-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 182+00 TO STA 193+00

SCALE: 1"=100' SHEET 15 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	470
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:30:18 PM SCALE: 1:100
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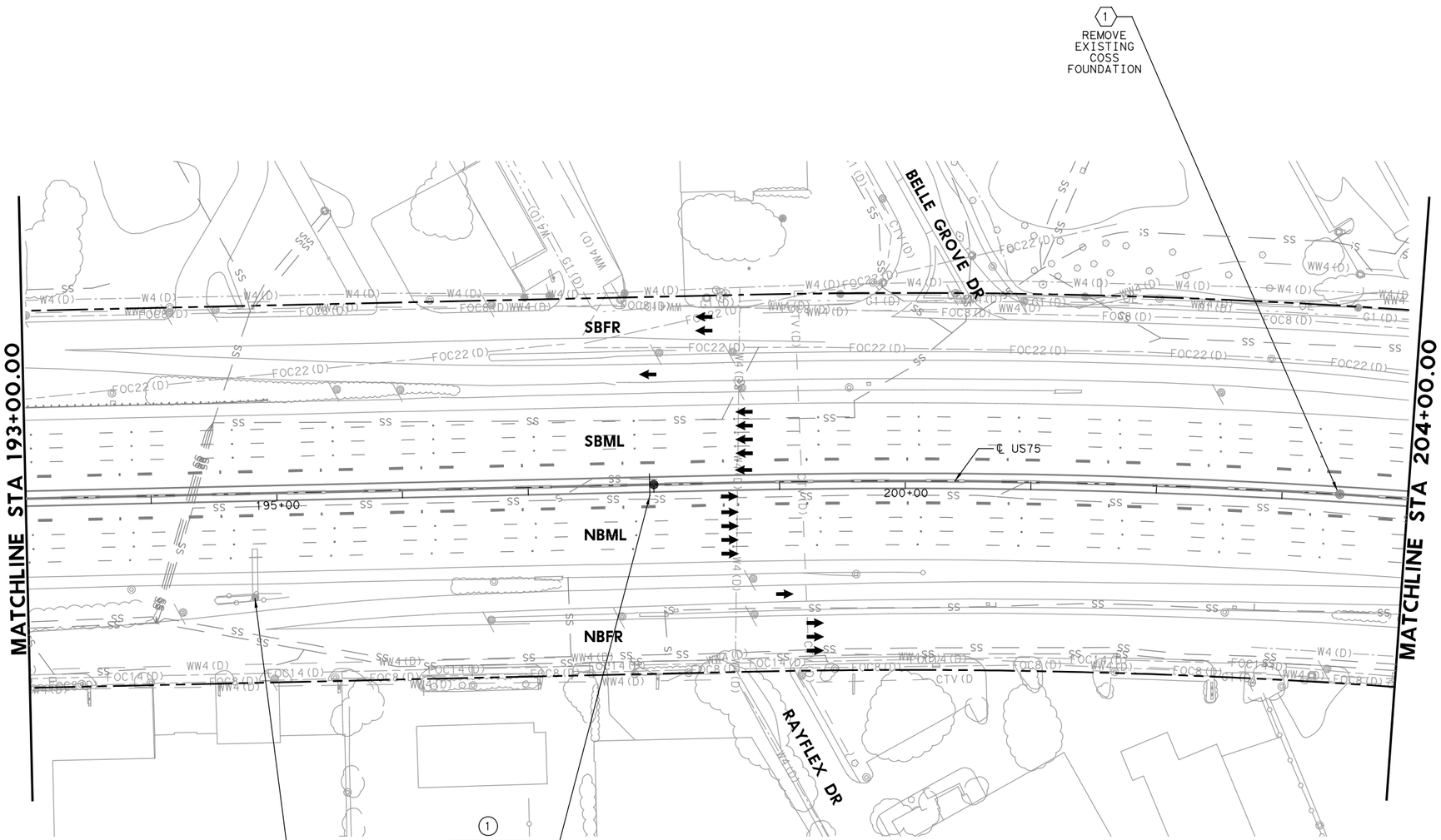
SCALE IN FEET



LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:42:51-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 193+00 TO STA 204+00

SCALE: 1"=100' SHEET 16 OF 87

FED. RD. DIV. NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	471
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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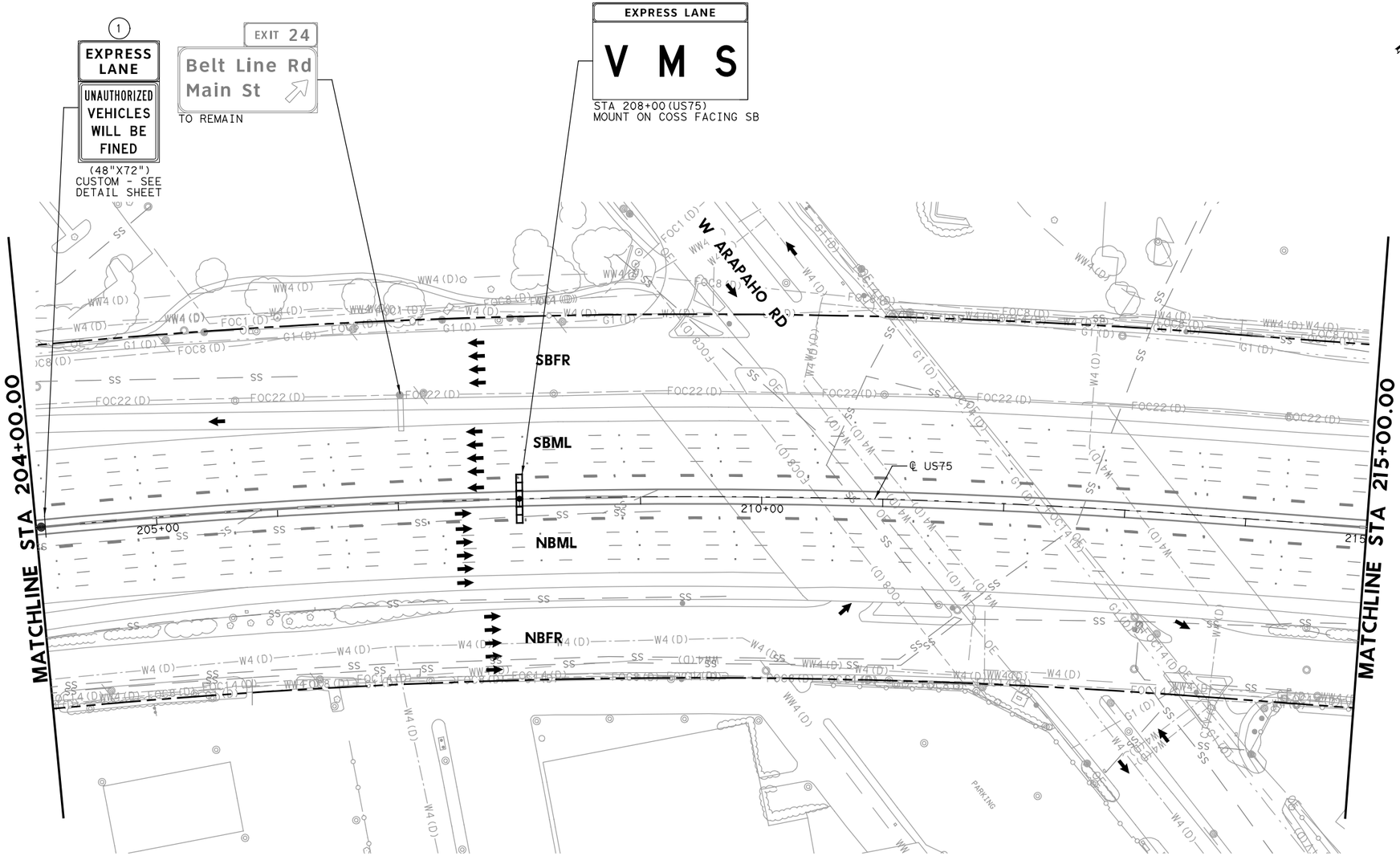

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:42:46-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 204+00 TO STA 215+00

SCALE: 1"=100' SHEET 17 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	472
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg PENTABLE: US75TF-000000000919738.tbl
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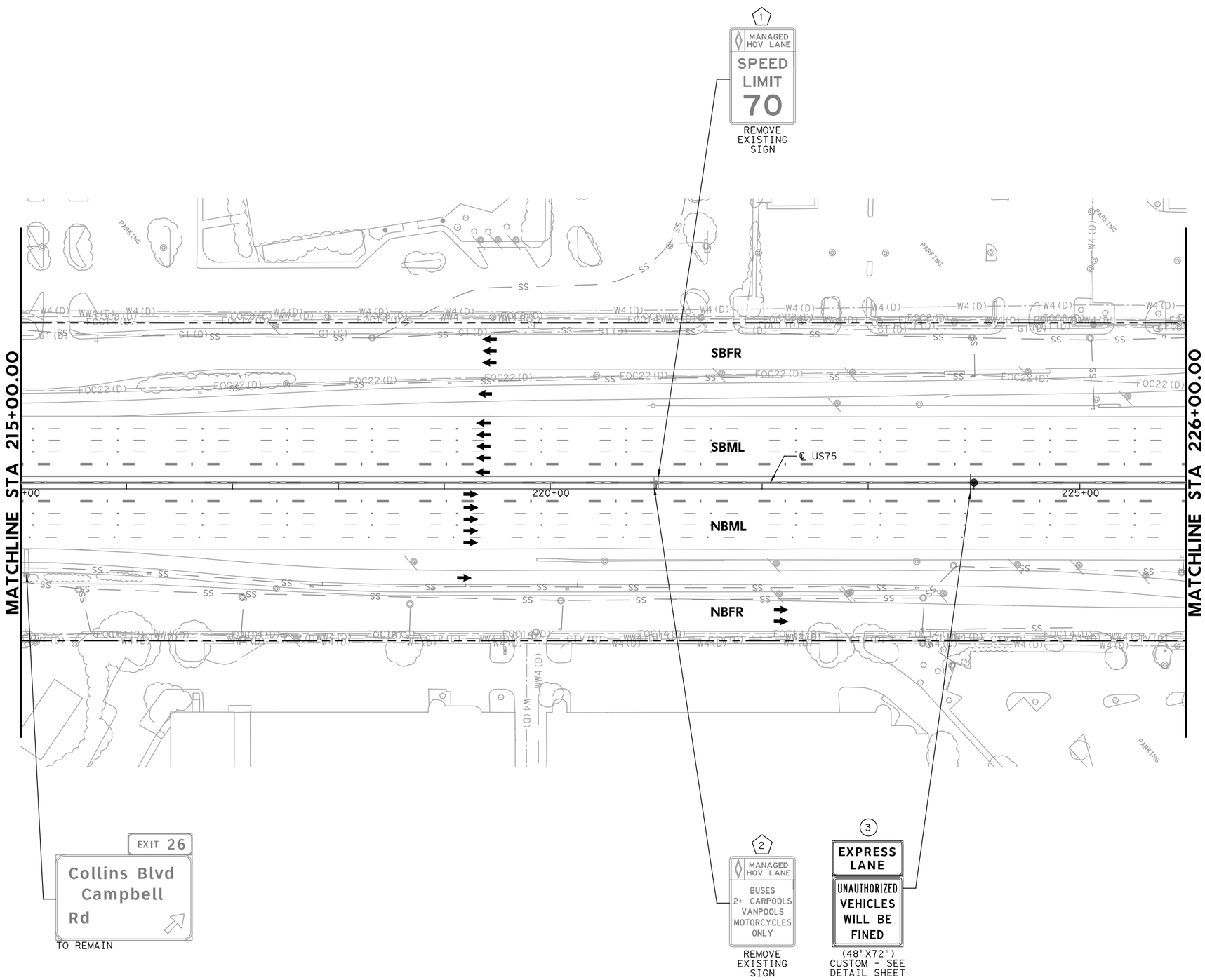

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

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1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:42:41-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 215+00 TO STA 226+00

SCALE: 1"=100' SHEET 18 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	473
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:30:30 PM SCALE: 1:100
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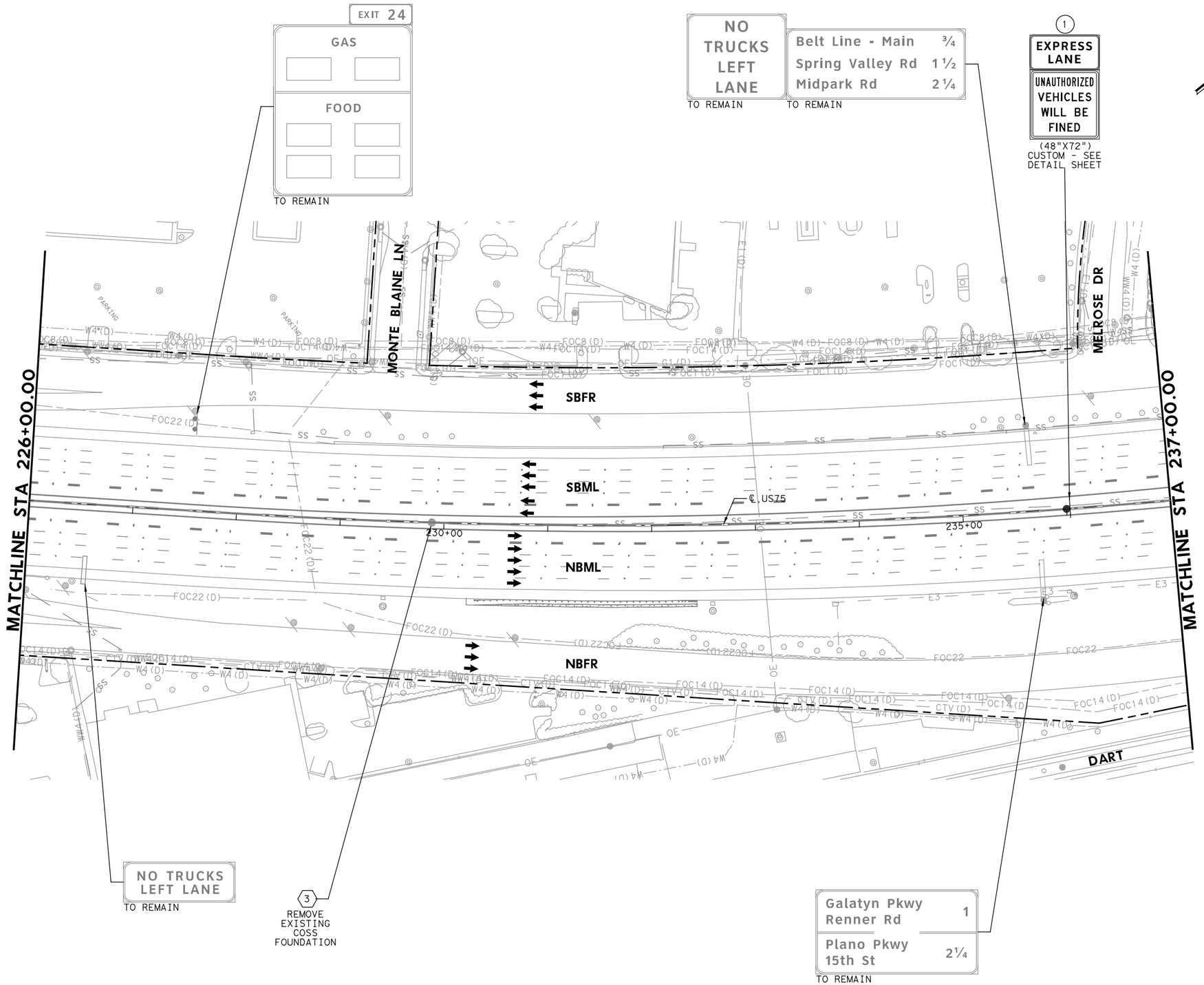

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:42:35-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 226+00 TO STA 237+00

SCALE: 1"=100' SHEET 19 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	474
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:30:35 PM SCALE: 1:100
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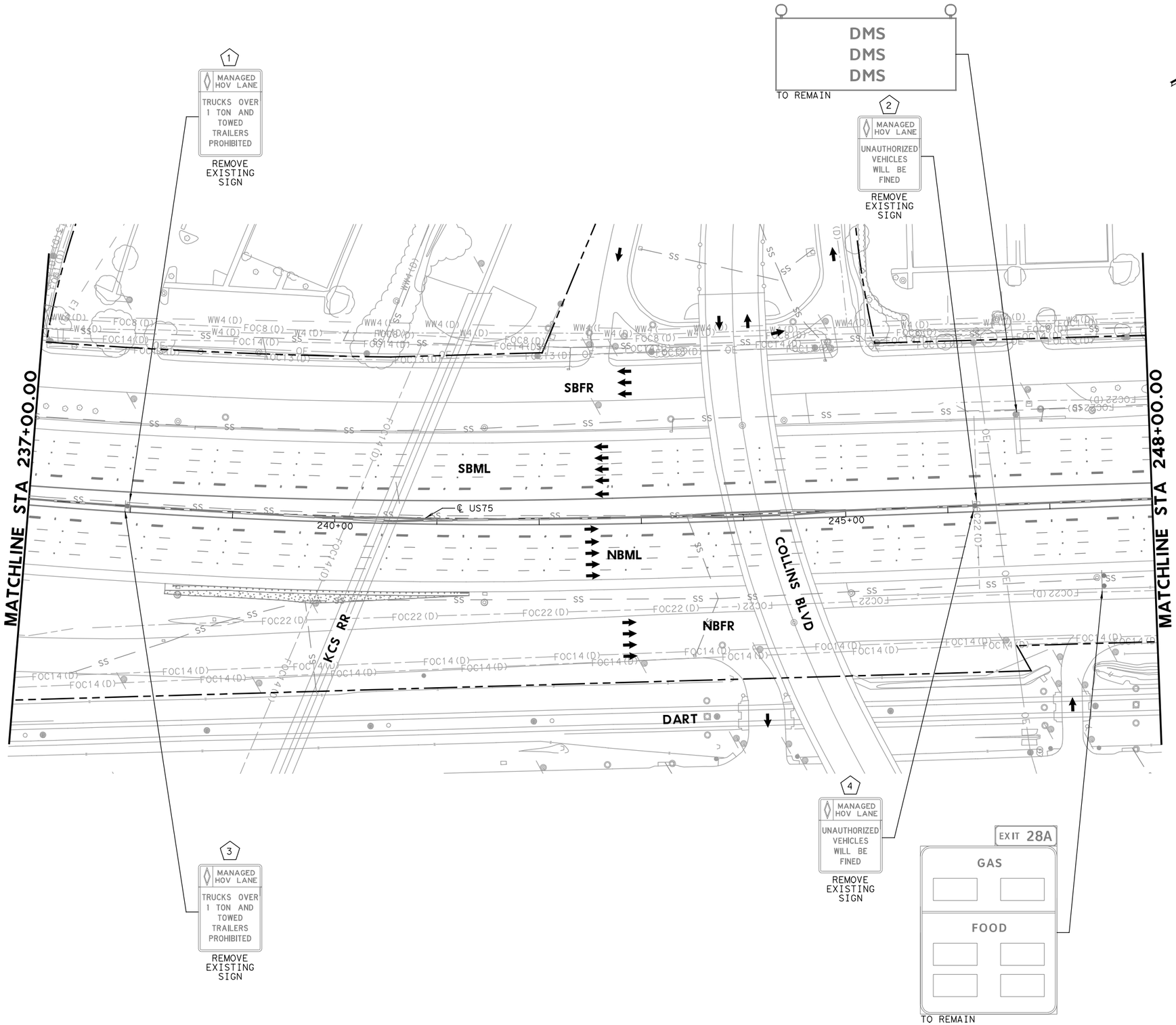

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:42:30-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 237+00 TO STA 248+00

SCALE: 1"=100' SHEET 20 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	475
0047	06	158, ETC.	

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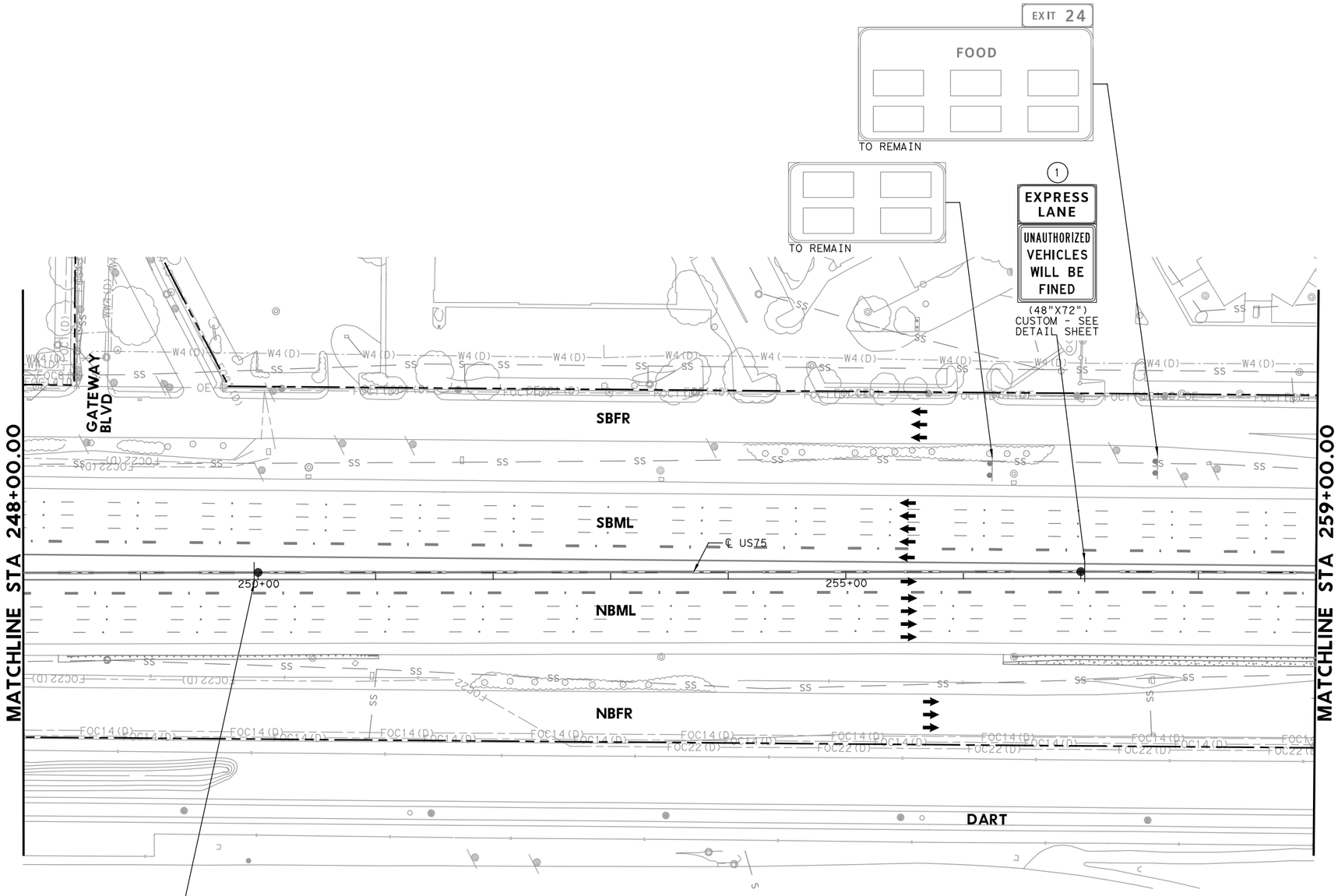

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:44:32-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 248+00 TO STA 259+00

SCALE: 1"=100' SHEET 21 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	476
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg PENTABLE: US75TF-000000009197 38.tbl
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:30:43 PM SCALE: 1:100
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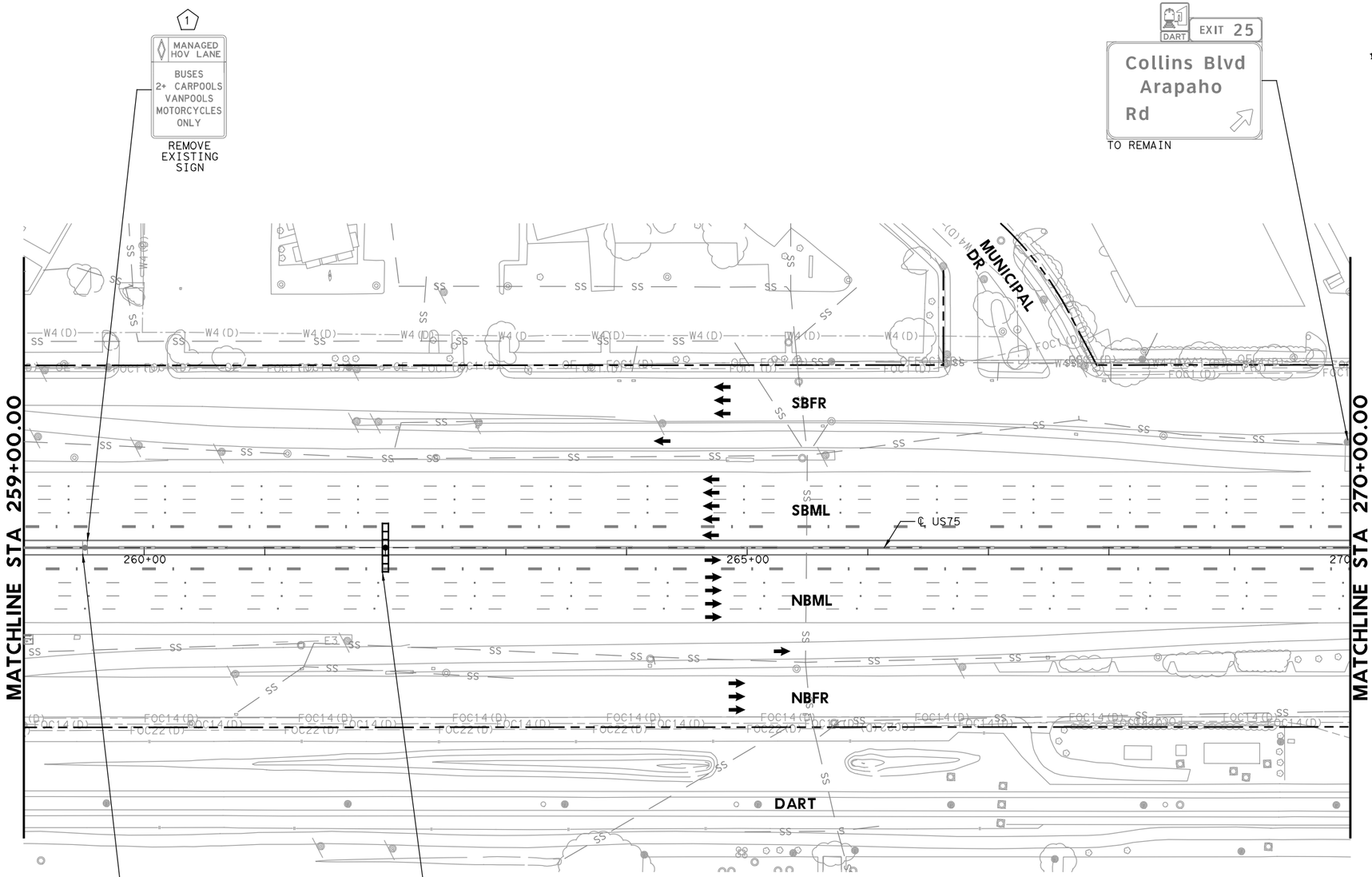

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

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STATE OF TEXAS
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Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:44:26-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
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17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 259+00 TO STA 270+00

SCALE: 1"=100' SHEET 22 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	477
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

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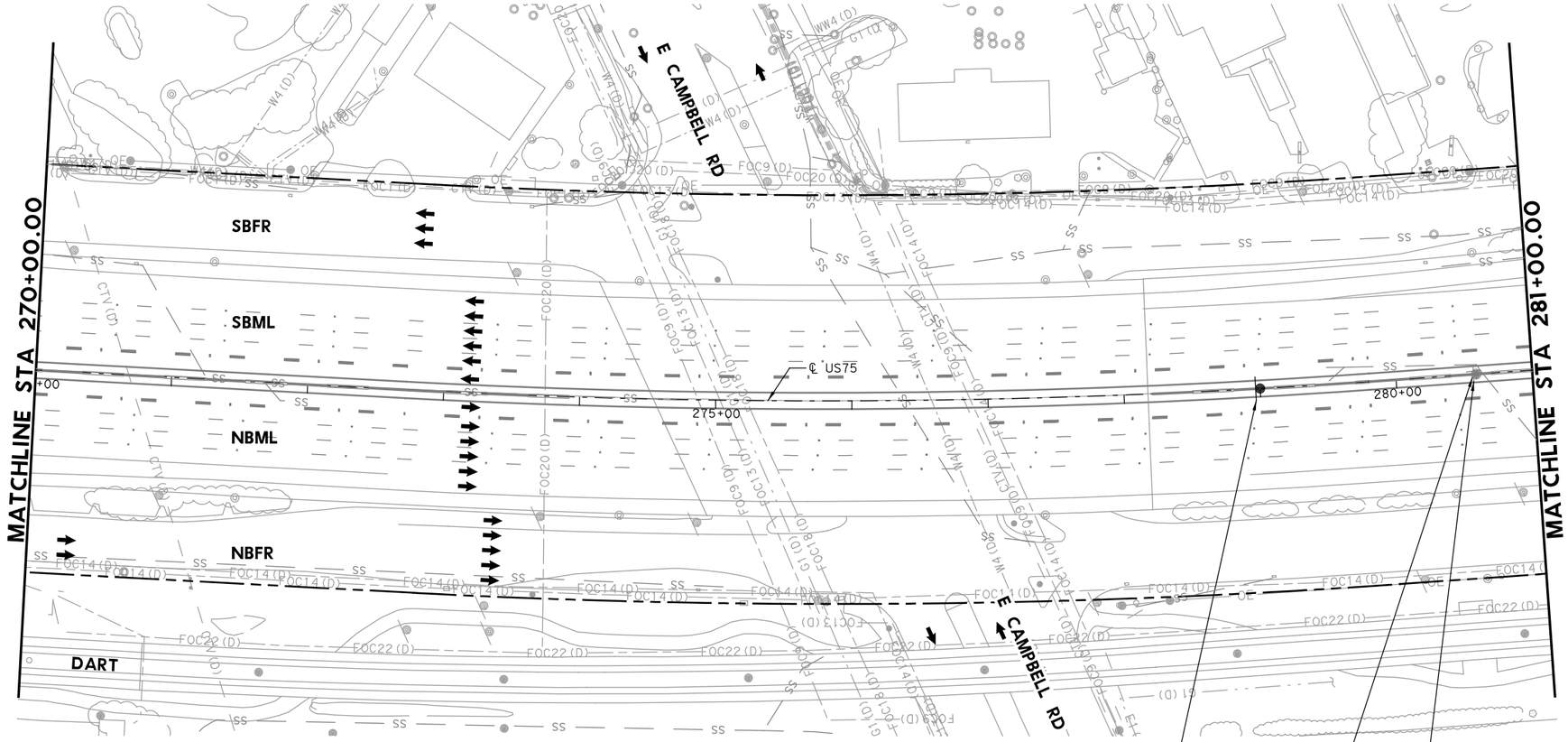
SCALE IN FEET



LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

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STATE OF TEXAS
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Date: 2023.07.20 16:44:21-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
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Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 270+00 TO STA 281+00

SCALE: 1"=100' SHEET 23 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	478
0047	06	158, ETC.	

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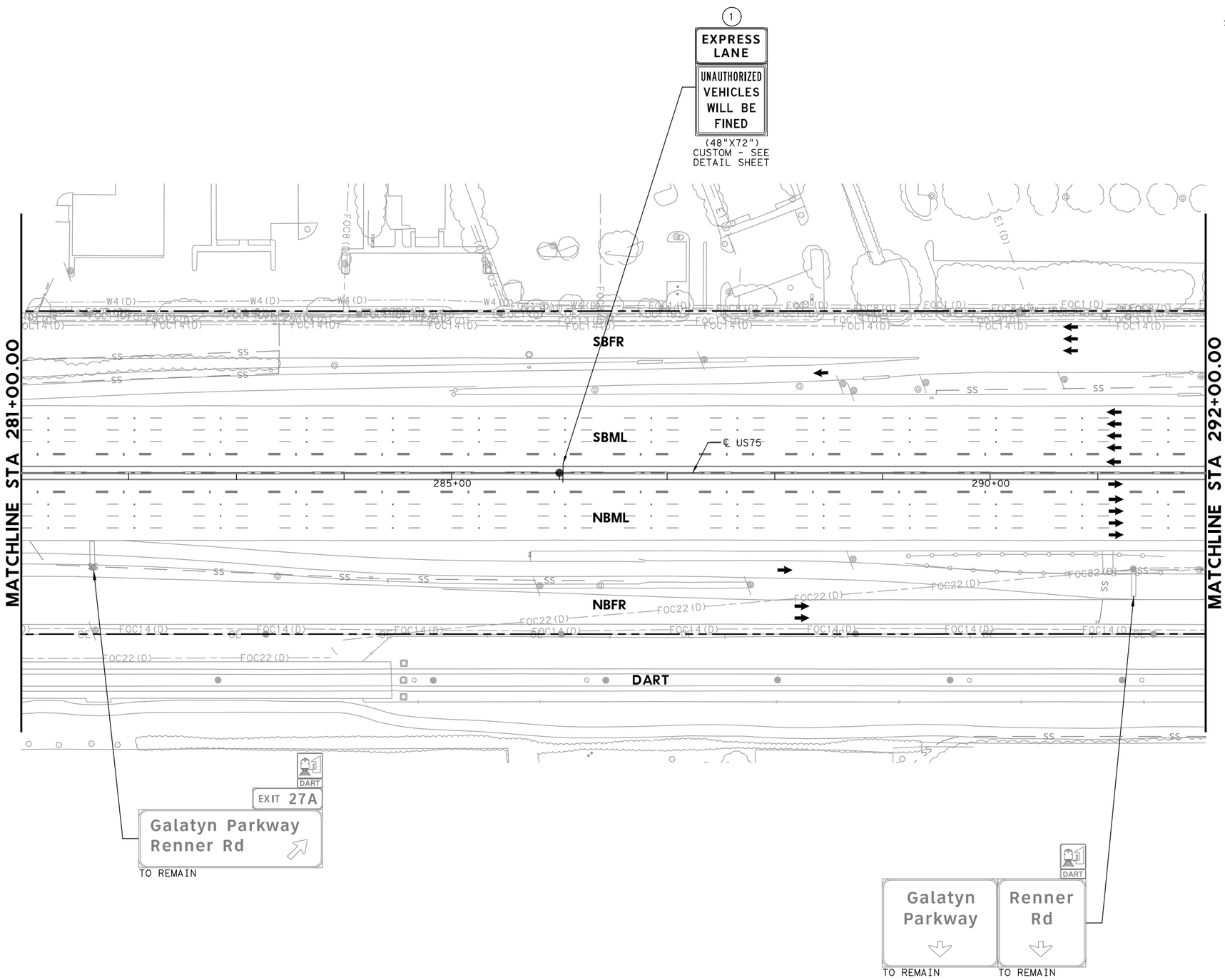

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

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STATE OF TEXAS
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Date: 2023.07.20 16:44:16-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
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Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 281+00 TO STA 292+00

SCALE: 1"=100' SHEET 24 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	479
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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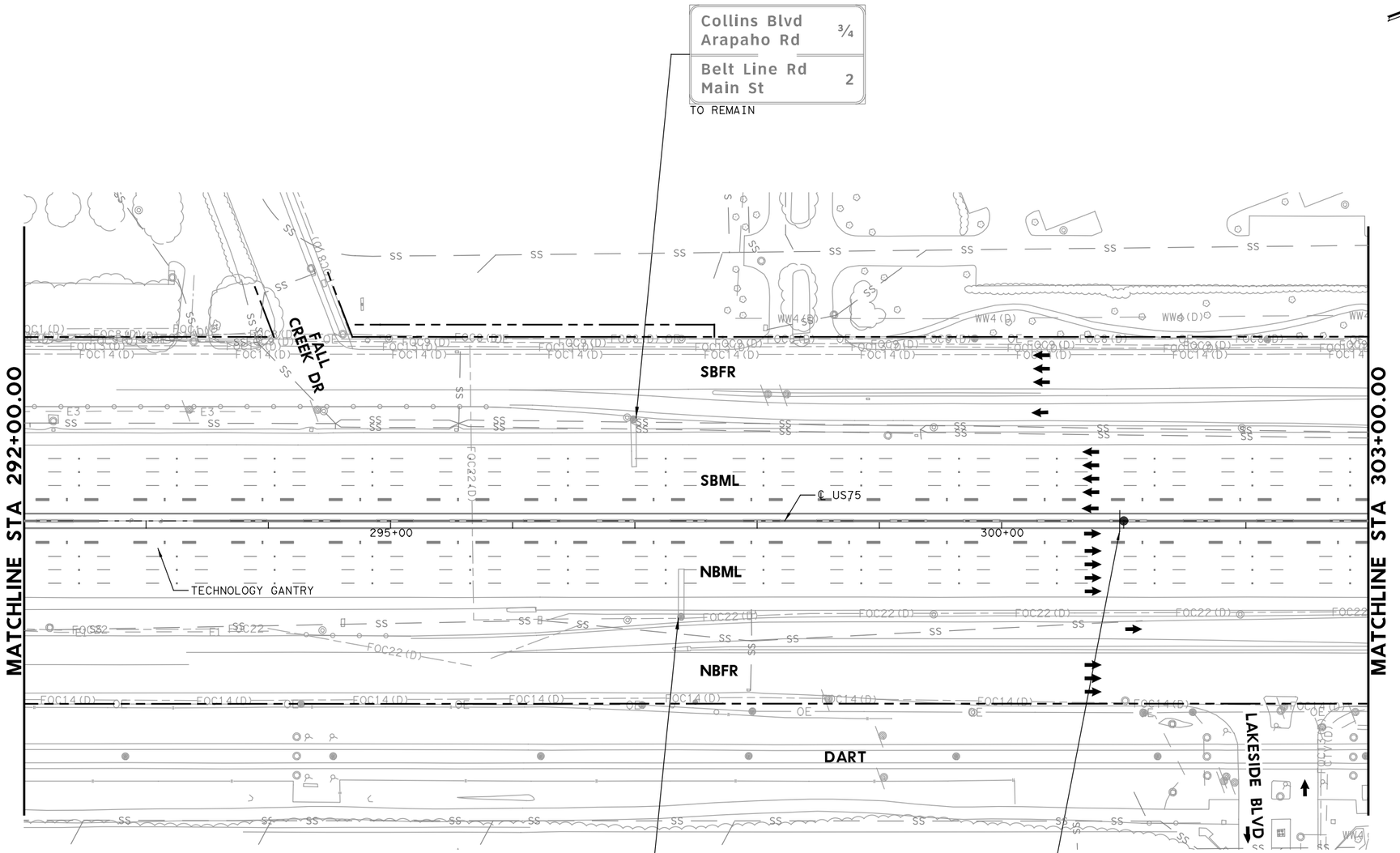

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:44:11-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 292+00 TO STA 303+00

SCALE: 1"=100' SHEET 25 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	480
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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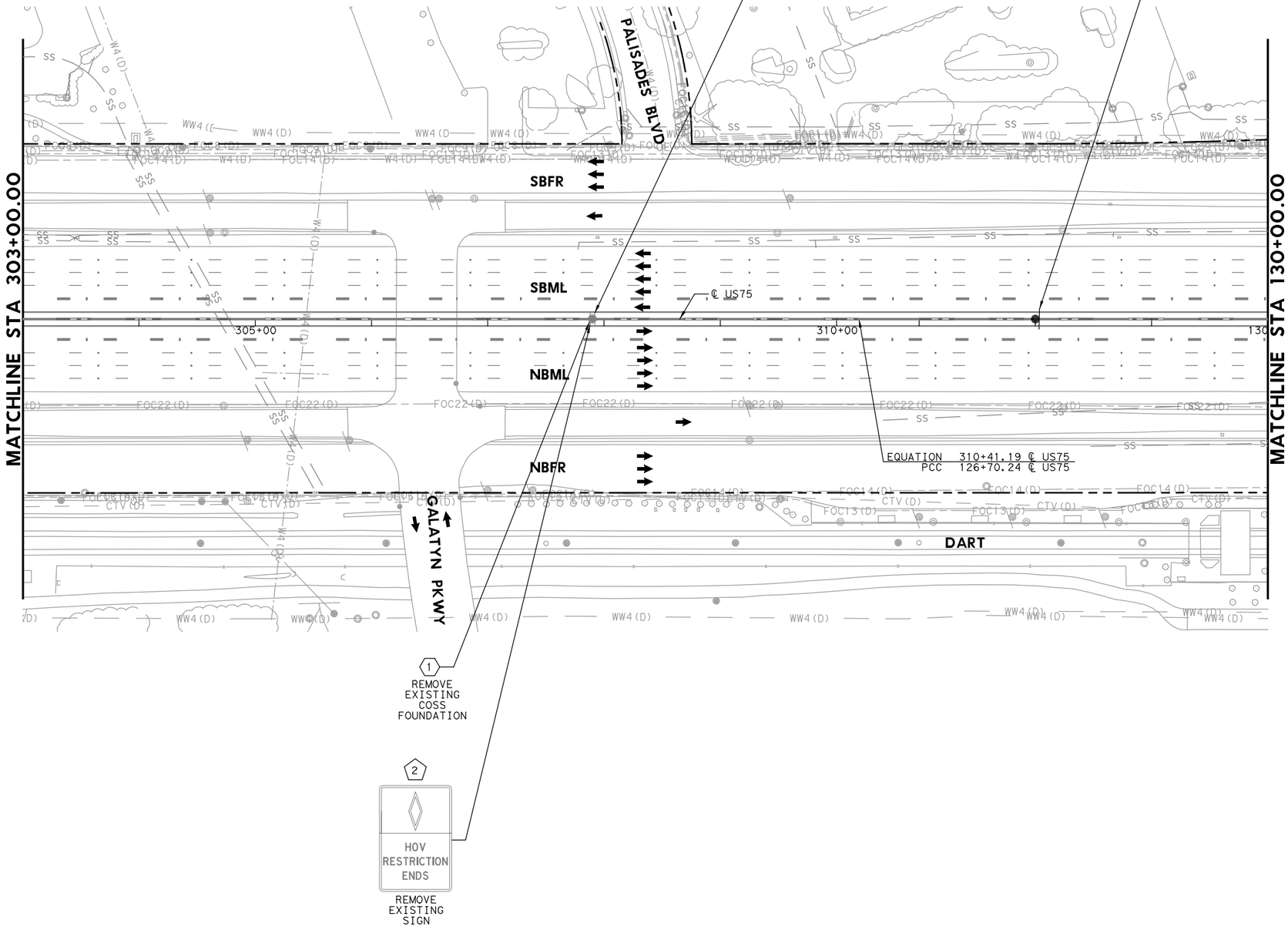

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:44:05-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 303+00 TO STA 130+00

SCALE: 1"=100' SHEET 26 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	481
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:31:04 PM SCALE: 1:100
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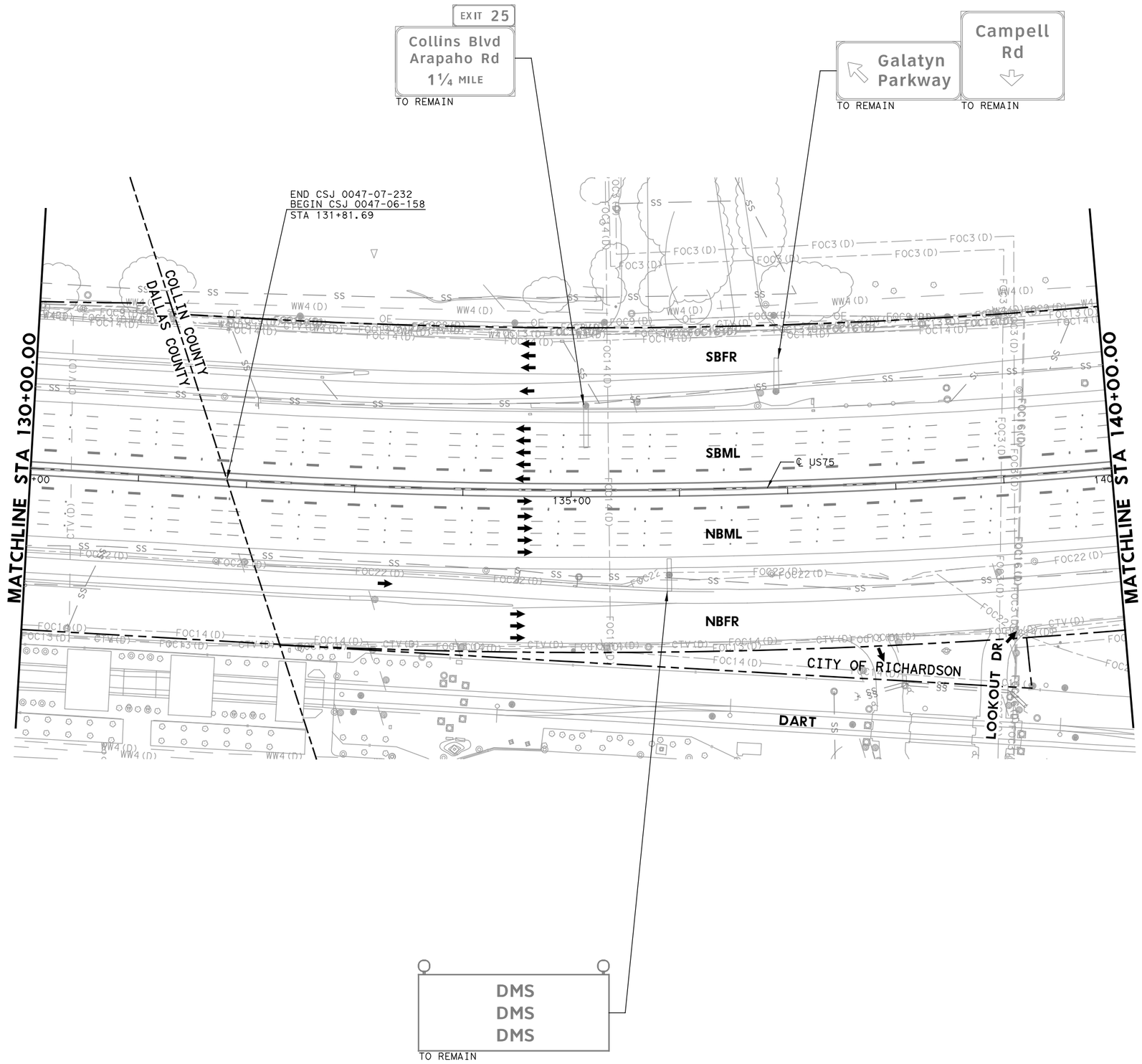

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

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STATE OF TEXAS
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NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES
SIGNING LAYOUT
MAINLANES
STA 130+00 TO STA 140+00

SCALE: 1"=100' SHEET 27 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	482
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023
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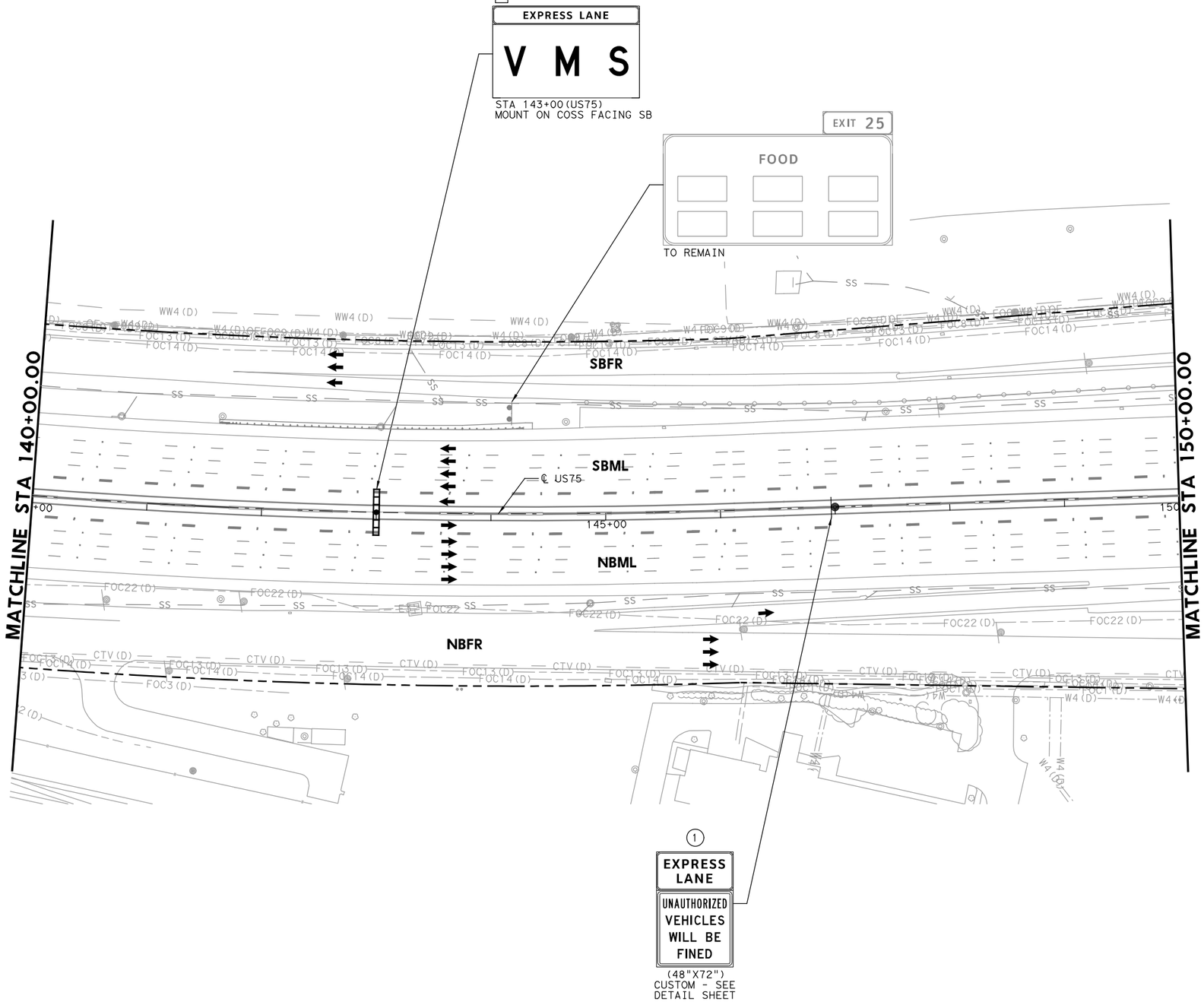
TIME: 2:31:07 PM SCALE: 1:00



0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:43:54-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 140+00 TO STA 150+00

SCALE: 1"=100' SHEET 28 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	483
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023
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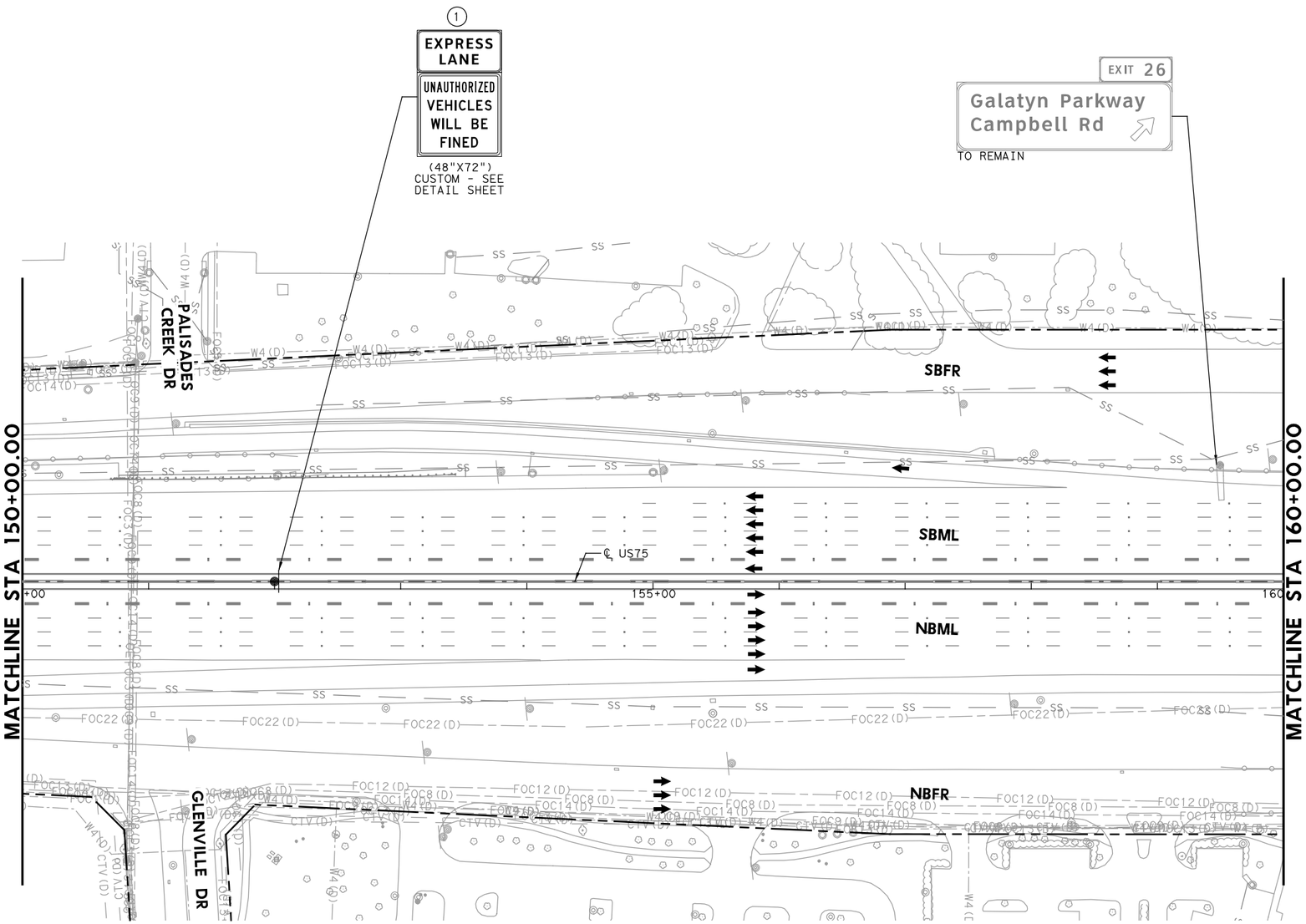

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
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- ANNOTATION - TRAFFIC ARROW
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100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:43:48-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 150+00 TO STA 160+00

SCALE: 1"=100' SHEET 29 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	484
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:3ui5 PM SCALE: 1:100
FILE: US75TFSL28.dgn PENTABLE: US75TF-000000000191738.tbl

0 50 100 150 200
SCALE IN FEET

N

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

MATCHLINE STA 160+00.00

MATCHLINE STA 171+00.00

+00

165+00

170+00

SBFR

SBML

NBML

NBFR

℄ US75

PRAIRIE CREEK

EXIT 28B
TOLL ROAD
WEST PGBT TOLL EAST
President George Bush Turnpike
EXIT ONLY
TO REMAIN

DART EXIT 28A
Plano Pkwy
15st St
TO REMAIN

3
EXPRESS LANE
UNAUTHORIZED VEHICLES WILL BE FINED
(48"X72")
CUSTOM - SEE DETAIL SHEET

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

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1	7-21-23	ADDENDUM 1	

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Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 160+00 TO STA 171+00

SCALE: 1"=100' SHEET 30 OF 87

FED.RD. DIV.NO.	PROJECT NO.	HIGHWAY NO.
6	SEE TITLE SHEET	US 75
STATE	DISTRICT / COUNTY	SHEET NO.
TEXAS	DALLAS / COLLIN, ETC.	485
CONTROL	SECTION / JOB	
0047	06 / 158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:31:20 PM SCALE: 1:100
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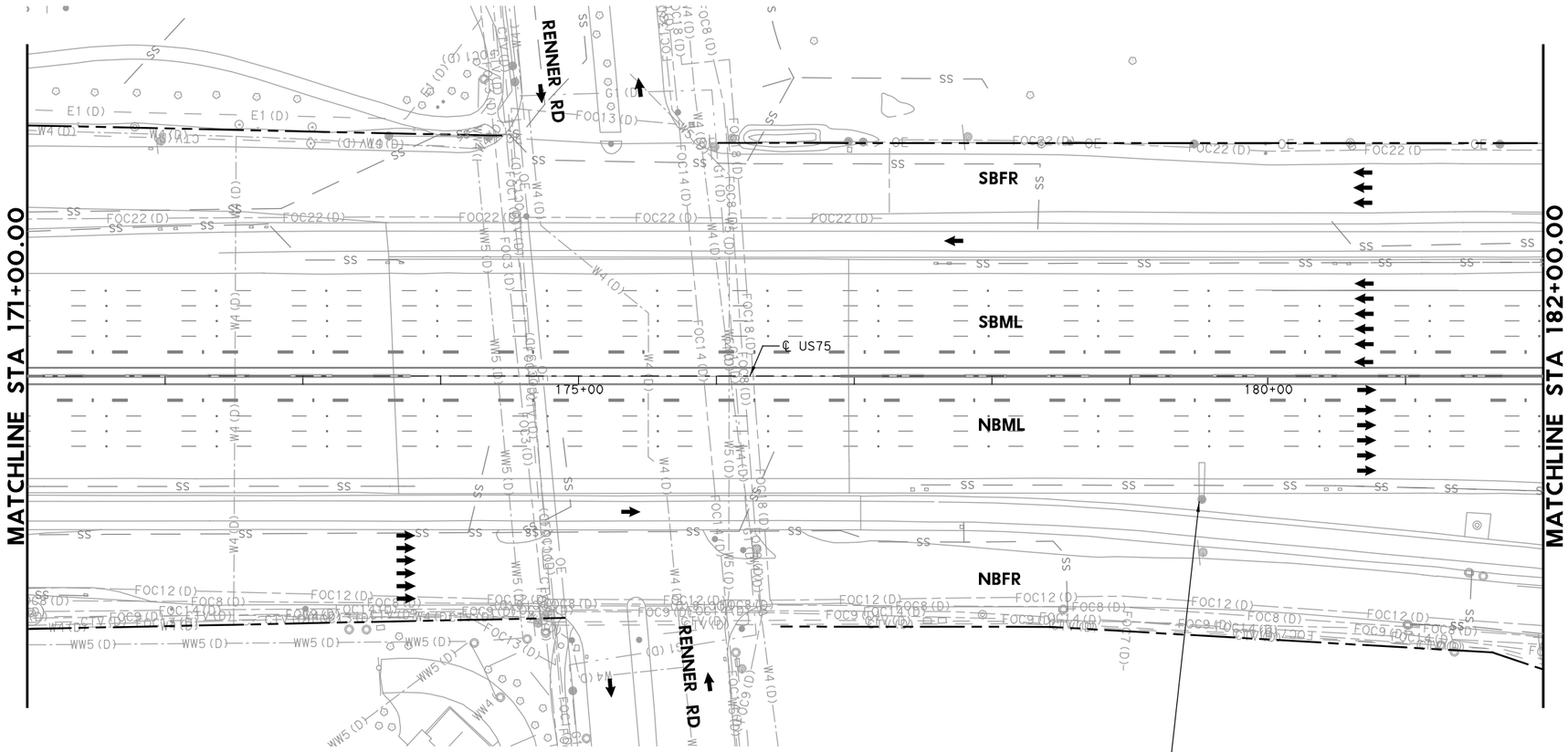

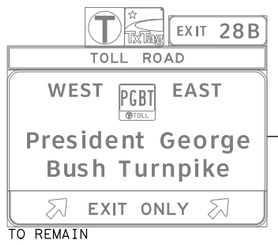

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
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NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc.
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17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 171+00 TO STA 182+00

SCALE: 1"=100' SHEET 31 OF 87

FED. RD. DIV. NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	486
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:31:24 PM SCALE: 1:100
FILE: US75TFSL30.dgn PENTABLE: US75TF-000000000191738.tbl

0 50 100 150 200
SCALE IN FEET

N

1
EXPRESS LANE
UNAUTHORIZED VEHICLES WILL BE FINED
(48"X72")
CUSTOM - SEE DETAIL SHEET

MATCHLINE STA 182+00.00

SPRING CREEK

DART SILVER LINE

SBFR

PGBT SB ON RAMP

SBML

℄ US75

185+00

190+00

NBML

DART SILVER LINE

PGBT NB OFF RAMP

NBFR

MATCHLINE STA 193+00.00

3
EXPRESS LANE
UNAUTHORIZED VEHICLES WILL BE FINED
(48"X72")
CUSTOM - SEE DETAIL SHEET

PGBT TOLL WEST
President George Bush Turnpike
TO REMAIN

PGBT TOLL EAST
President George Bush Turnpike
TO REMAIN

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

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Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 182+00 TO STA 193+00

SCALE: 1"=100' SHEET 32 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	487
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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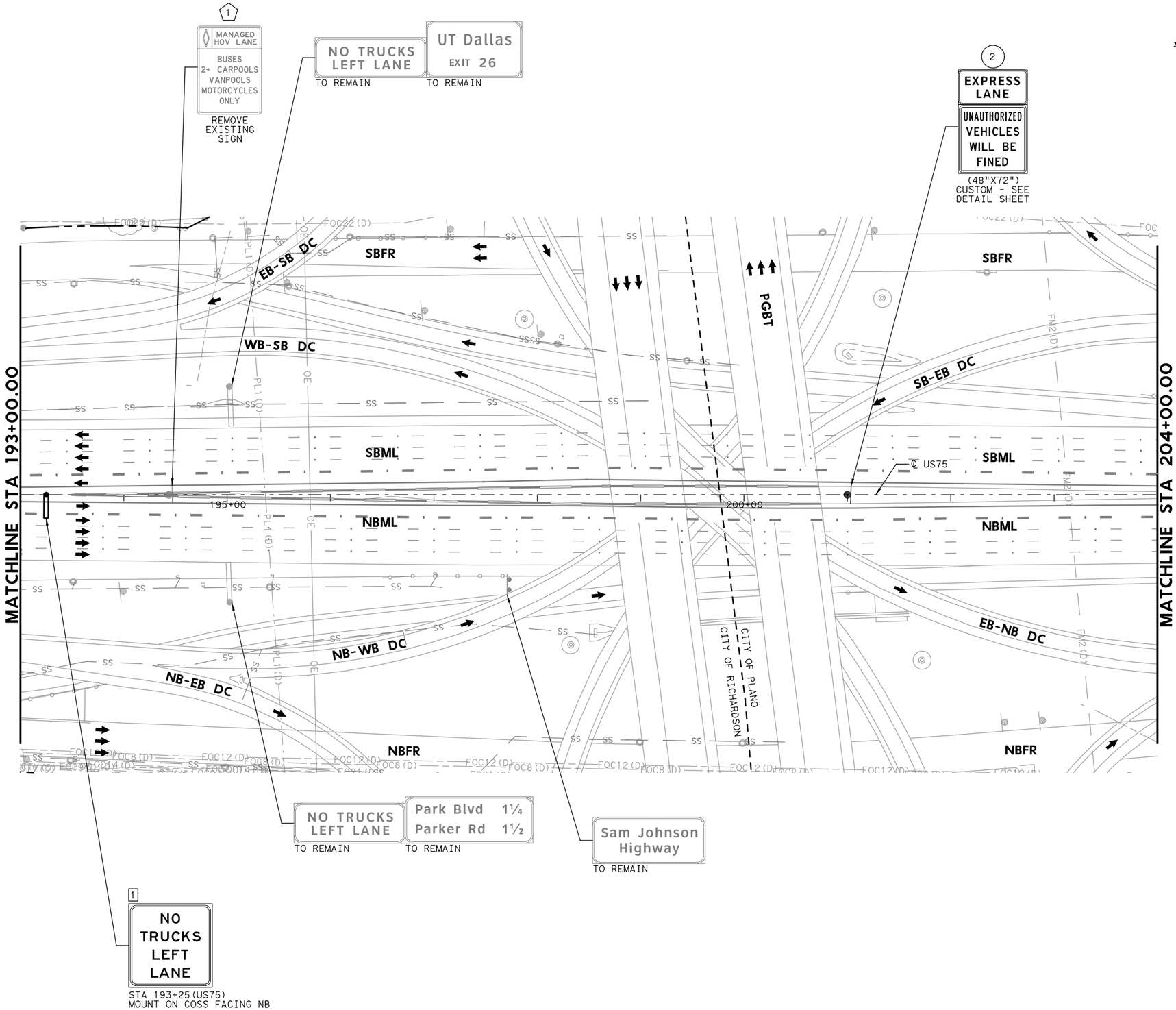

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

△1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
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LICENSED PROFESSIONAL ENGINEER

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NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc.
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17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 193+00 TO STA 204+00

SCALE: 1"=100' SHEET 33 OF 87

FED. RD. DIV. NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	488
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:31:32 PM SCALE: 1:100
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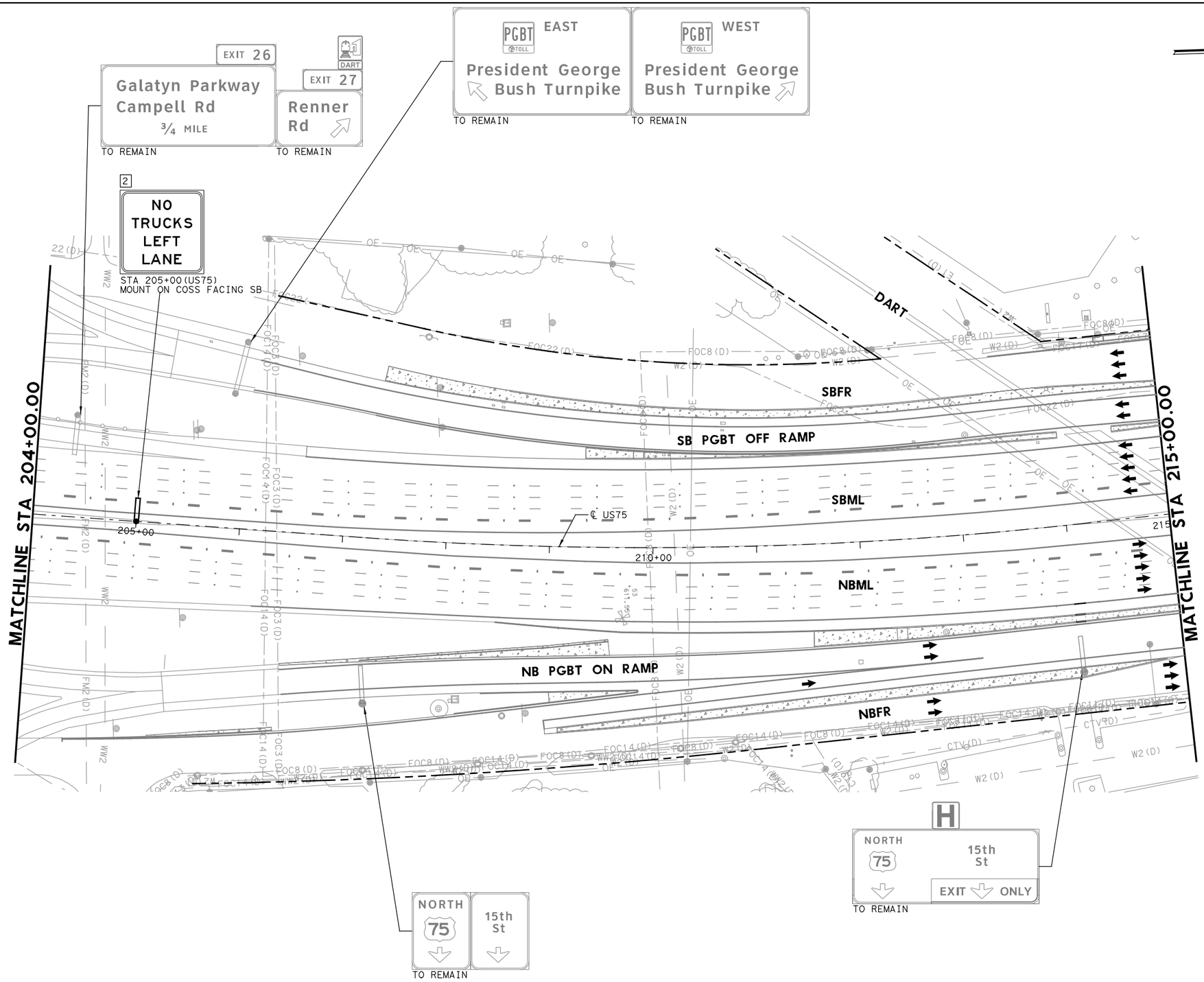

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 REPLACED 7/21/2023

STATE OF TEXAS
TIMOTHY GRIMES
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NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 204+00 TO STA 215+00

SCALE: 1"=100' SHEET 34 OF 87

FED. RD. DIV. NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	489
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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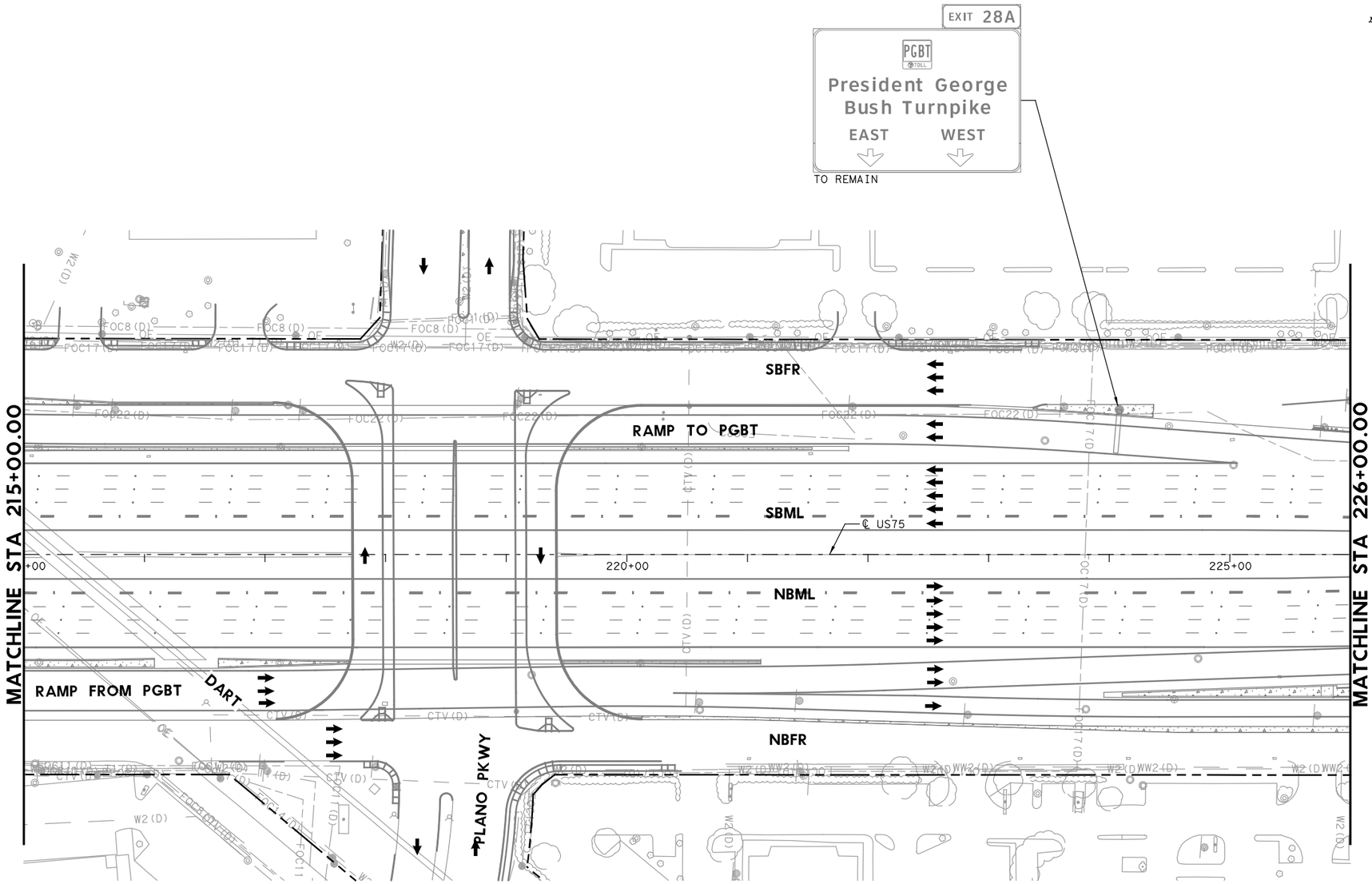

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:45:25-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 215+00 TO STA 226+00

SCALE: 1"=100' SHEET 35 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	490
0047	06	158, ETC.	

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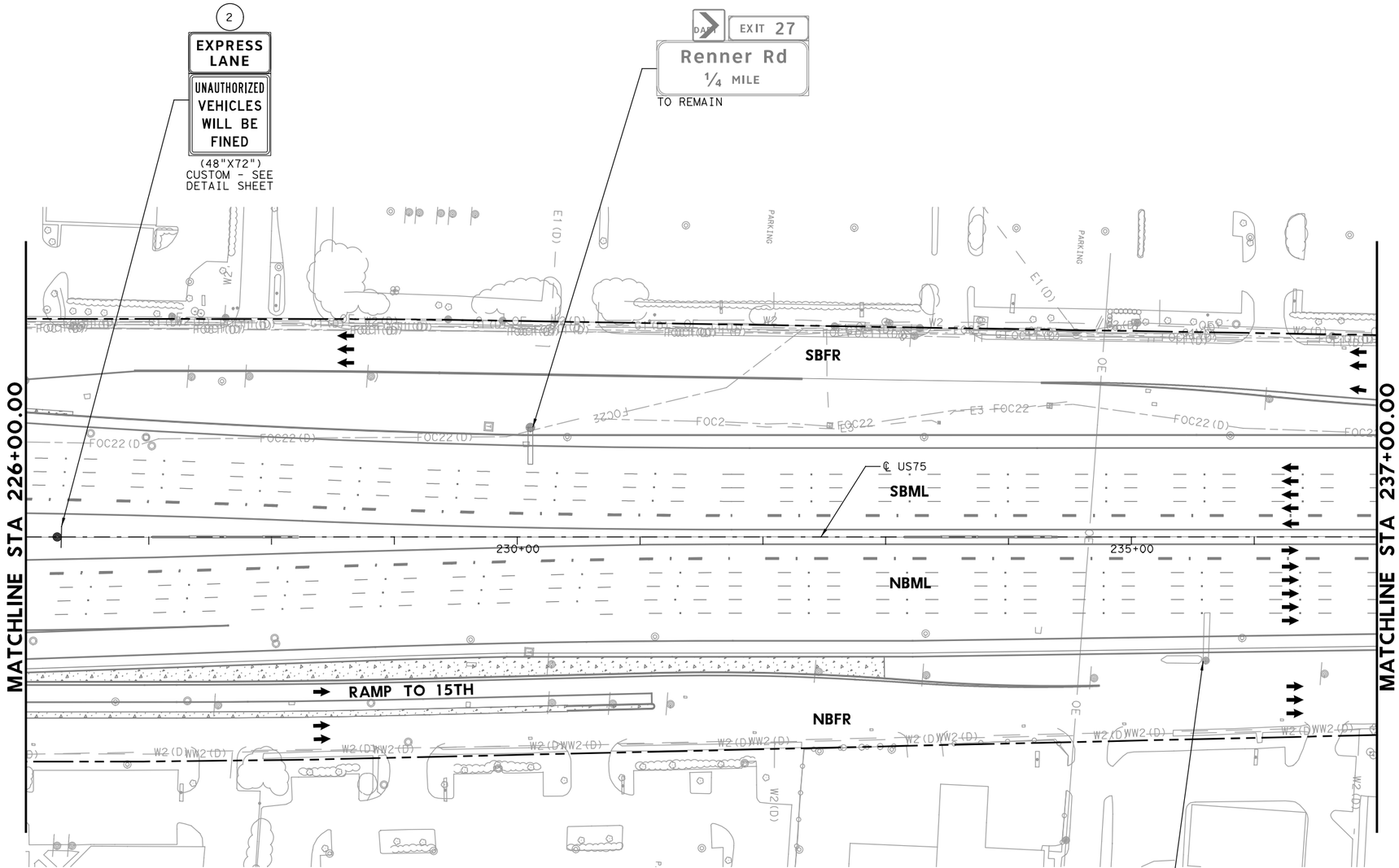

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:45:19-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
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Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 226+00 TO STA 237+00

SCALE: 1"=100' SHEET 36 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	491
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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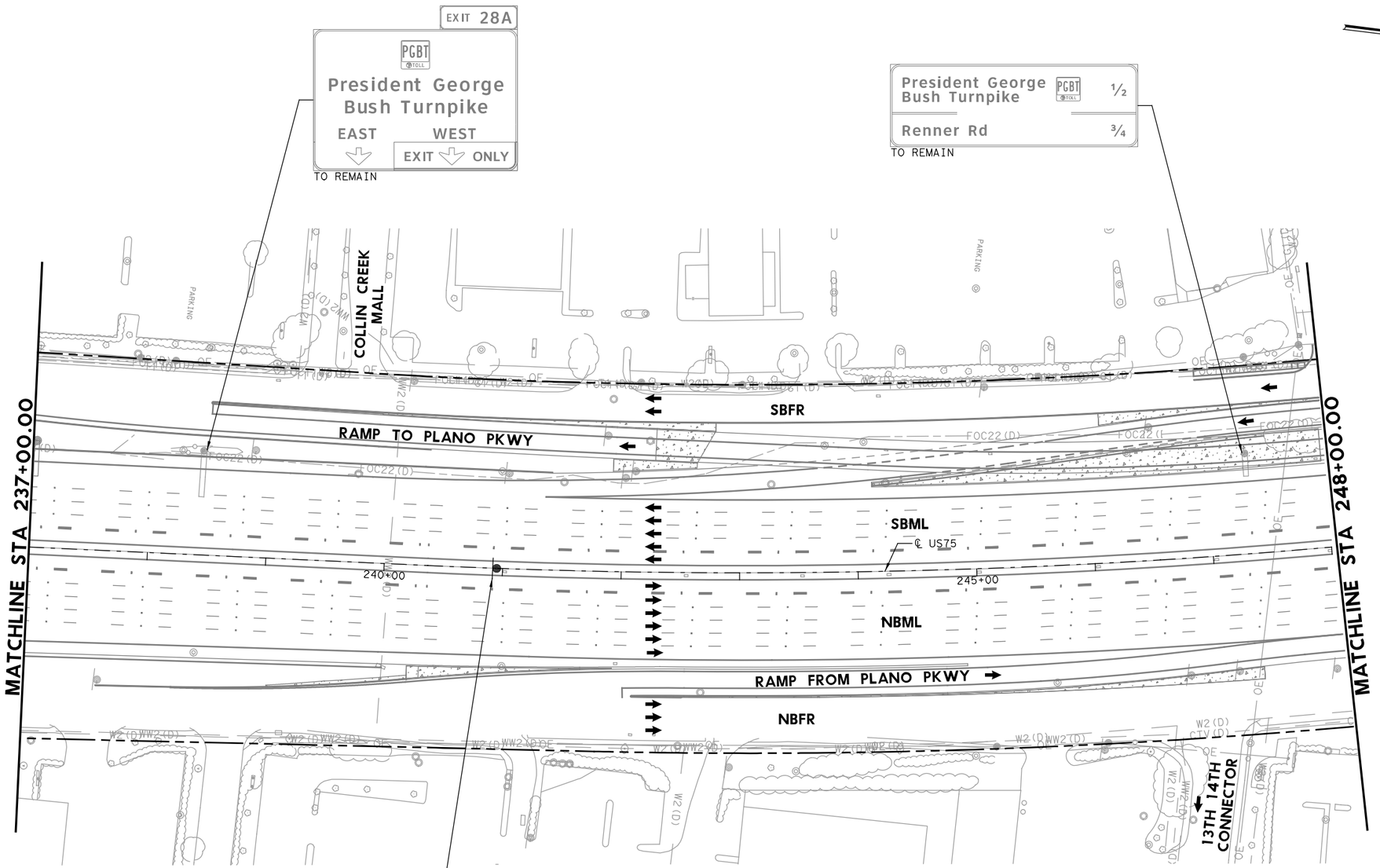

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
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NO.	DATE	REVISION	APPROVED
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US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 237+00 TO STA 248+00

SCALE: 1"=100' SHEET 37 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	492
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg PENTABLE: US75TF-000000000191738.tbl
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:31:50 PM SCALE: 1:100
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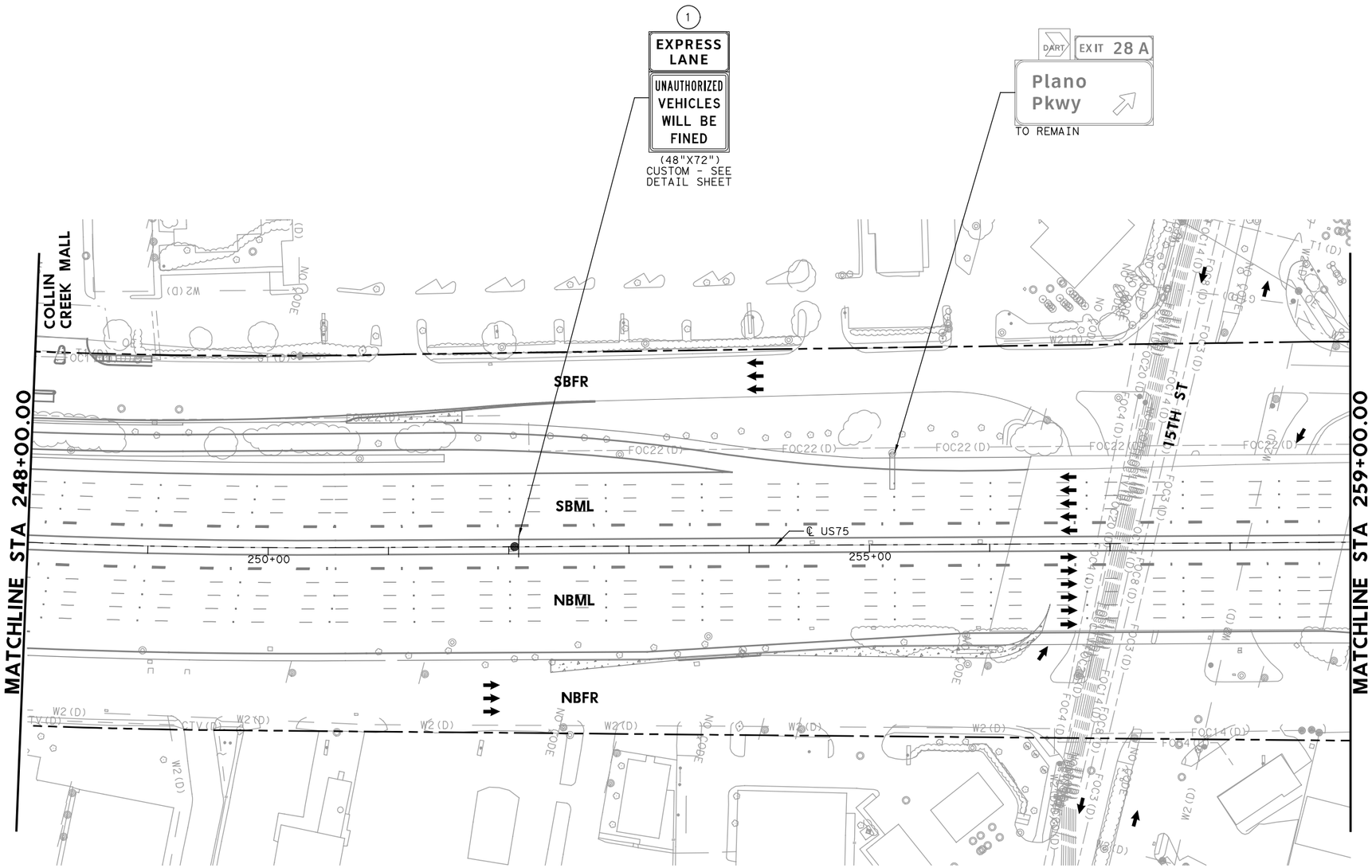

0 50 100 150 200
SCALE IN FEET

N

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

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STATE OF TEXAS
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972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 248+00 TO STA 259+00

SCALE: 1"=100' SHEET 38 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	493
0047	06	158, ETC.	

PLOT DRVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:31:54 PM SCALE: 1:100
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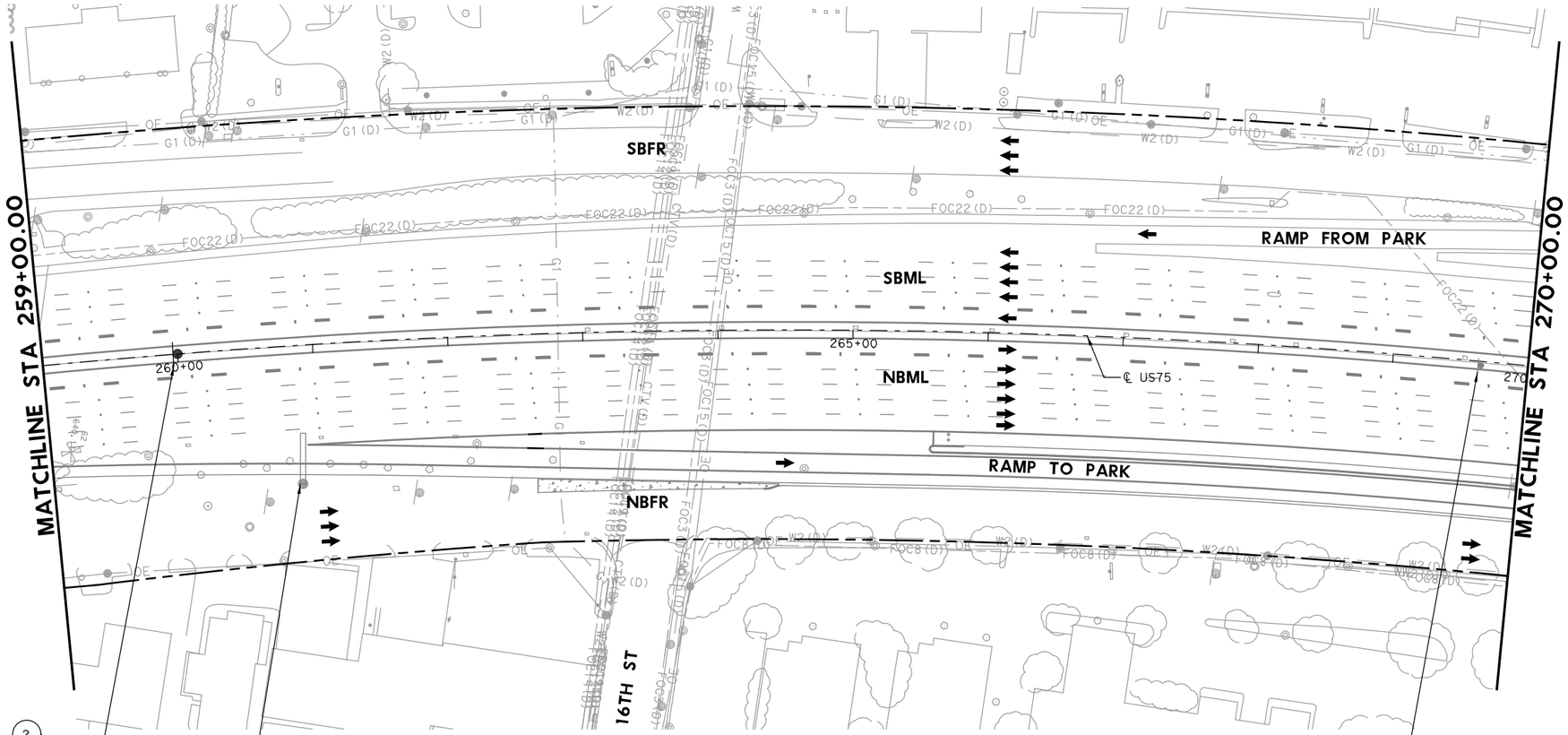

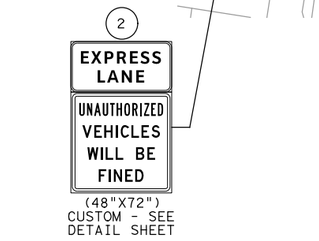

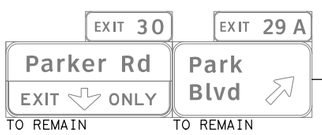

0 50 100 150 200
SCALE IN FEET

N

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:45:01-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 259+00 TO STA 270+00

SCALE: 1"=100' SHEET 39 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	494
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:31:59 PM SCALE: 1:100
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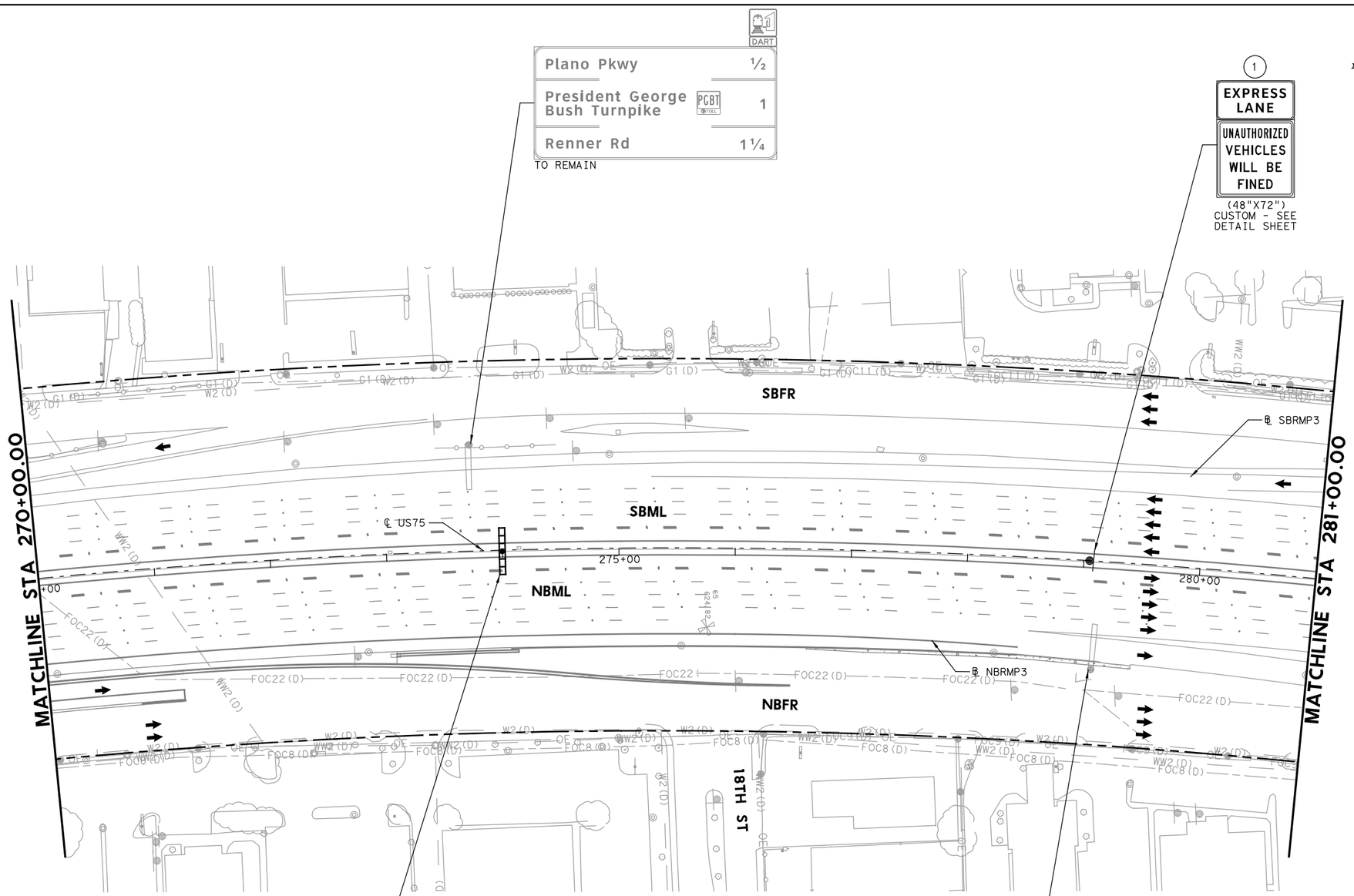

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:44:55-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 270+00 TO STA 281+00

SCALE: 1"=100' SHEET 40 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	495
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:32:03 PM SCALE: 1:100
FILE: US75TFSL39.dgn PENTABLE: US75TF-000000000191738.tbl

0 50 100 150 200
SCALE IN FEET

N

DMS
DMS
DMS
TO REMAIN

MATCHLINE STA 281+00.00

MATCHLINE STA 292+00.00

PARK BLVD

SBFR

RAMP FROM PARKER

SBML

℄ US75

285+00

290+00

NBML

RAMP TO PARKER

NBFR

CENTRAL PKWY

℄ SBRMP3

℄ NBRMP3

2
EXPRESS LANE
UNAUTHORIZED VEHICLES WILL BE FINED
(48"X72")
CUSTOM - SEE DETAIL SHEET

1
MANAGED HOV LANE
UNAUTHORIZED VEHICLES WILL BE FINED
REMOVE EXISTING SIGN AND POST

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:47:13-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 281+00 TO STA 292+00

SCALE: 1"=100' SHEET 41 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	496
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg PENTABLE: US75TF-000000000191738.tbl
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:32:08 PM SCALE: 1:00
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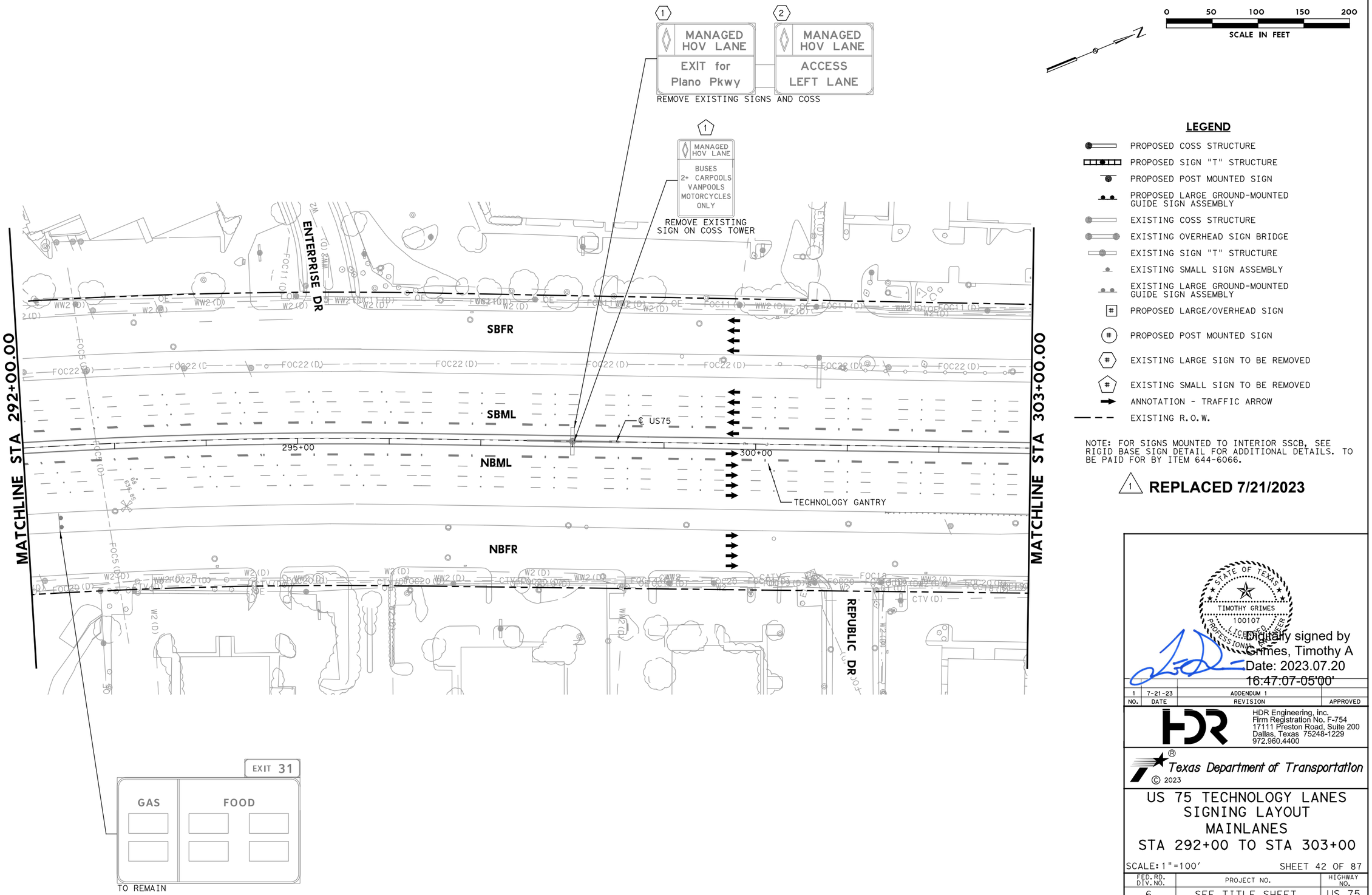


0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

△1 **REPLACED 7/21/2023**

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:32:12 PM SCALE: 1:100
FILE: US75TFSL41.dgn PENTABLE: US75TF-00000000019f738.tbl

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:47:07-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

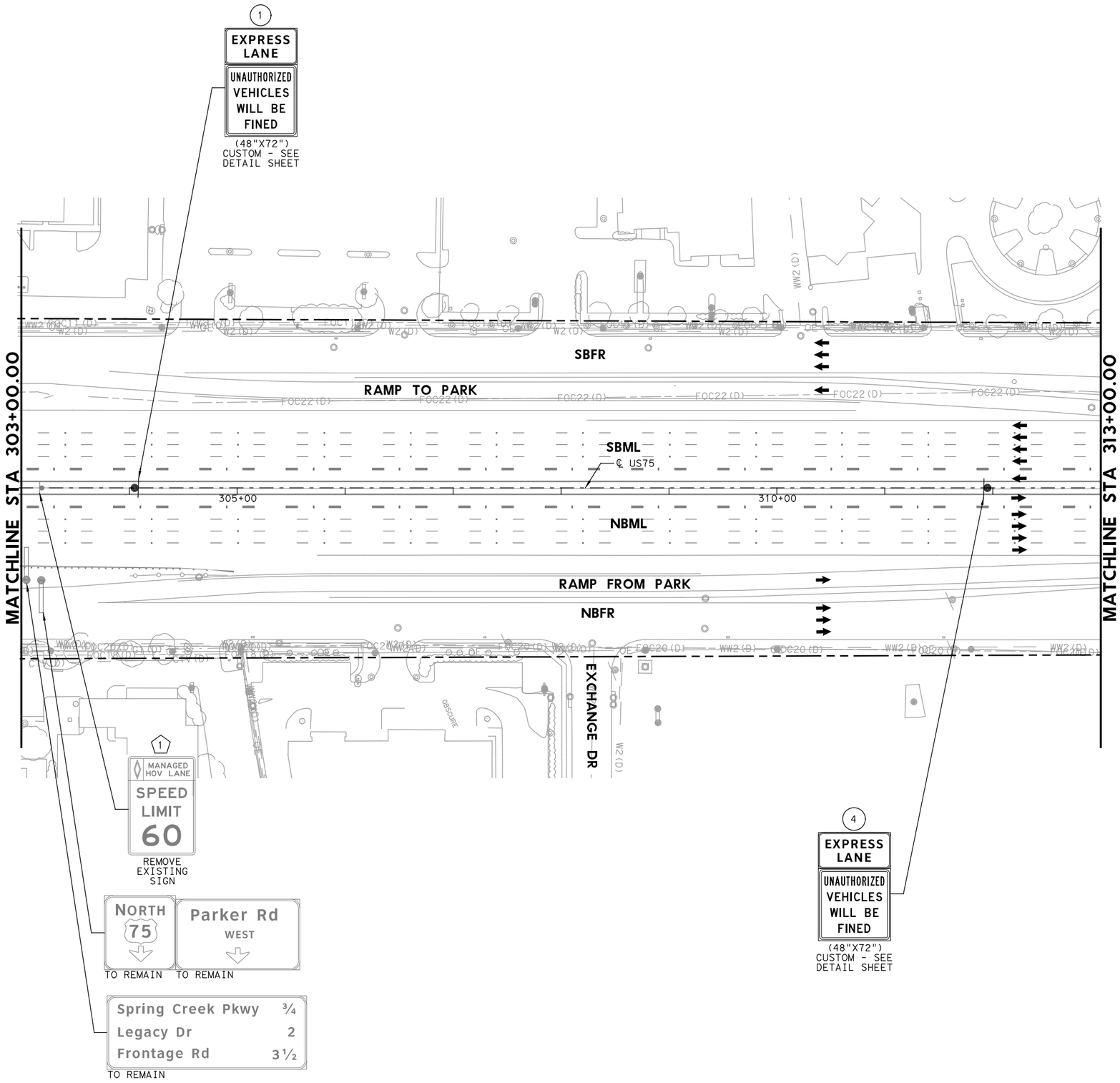
HDR Engineering, Inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 292+00 TO STA 303+00

SCALE: 1"=100' SHEET 42 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	497
CONTROL	SECTION	JOB	
0047	06	158, ETC.	



0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:47:02-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 303+00 TO STA 313+00

SCALE: 1"=100' SHEET 43 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	498
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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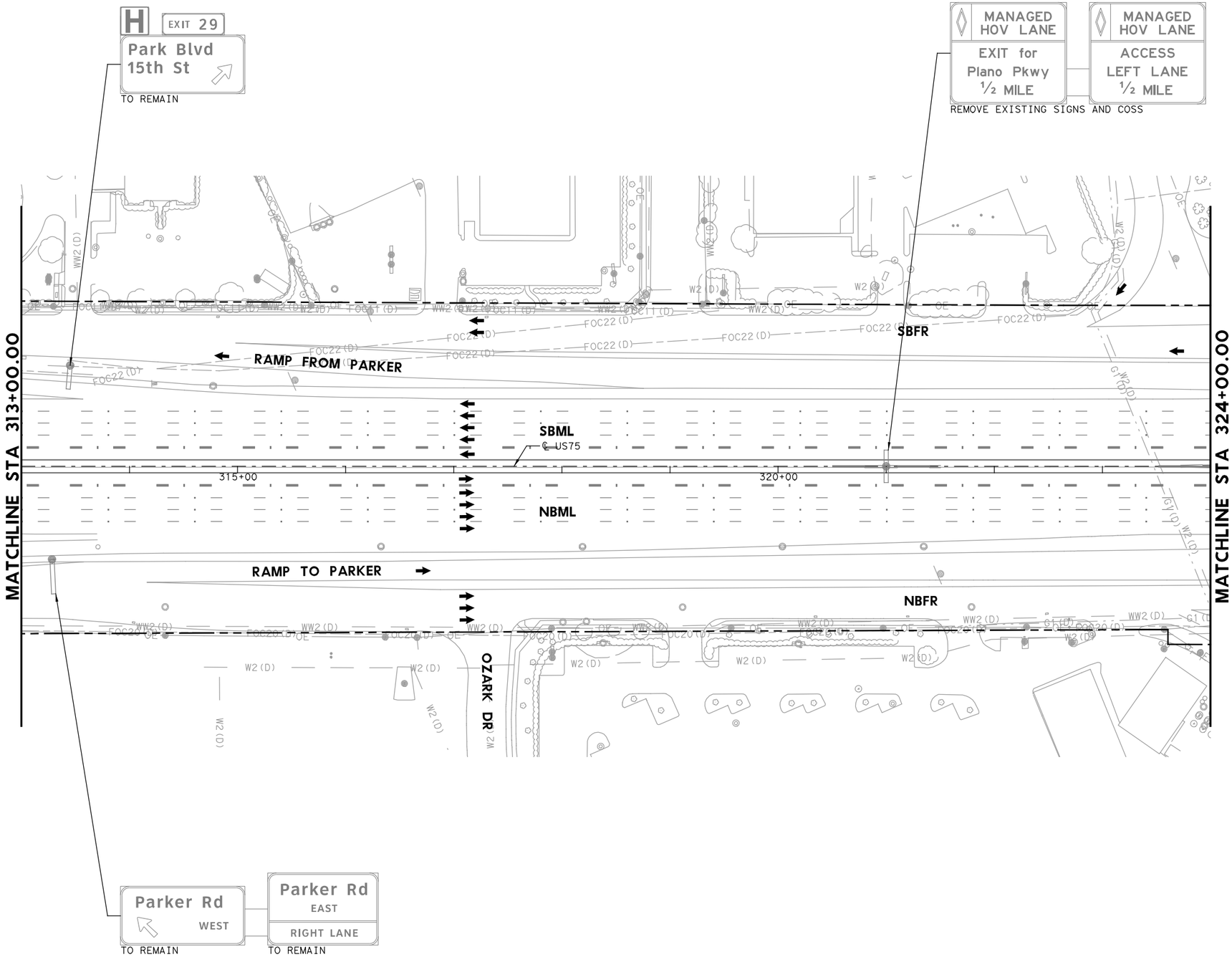

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:46:57-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 313+00 TO STA 324+00

SCALE: 1"=100' SHEET 44 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	499
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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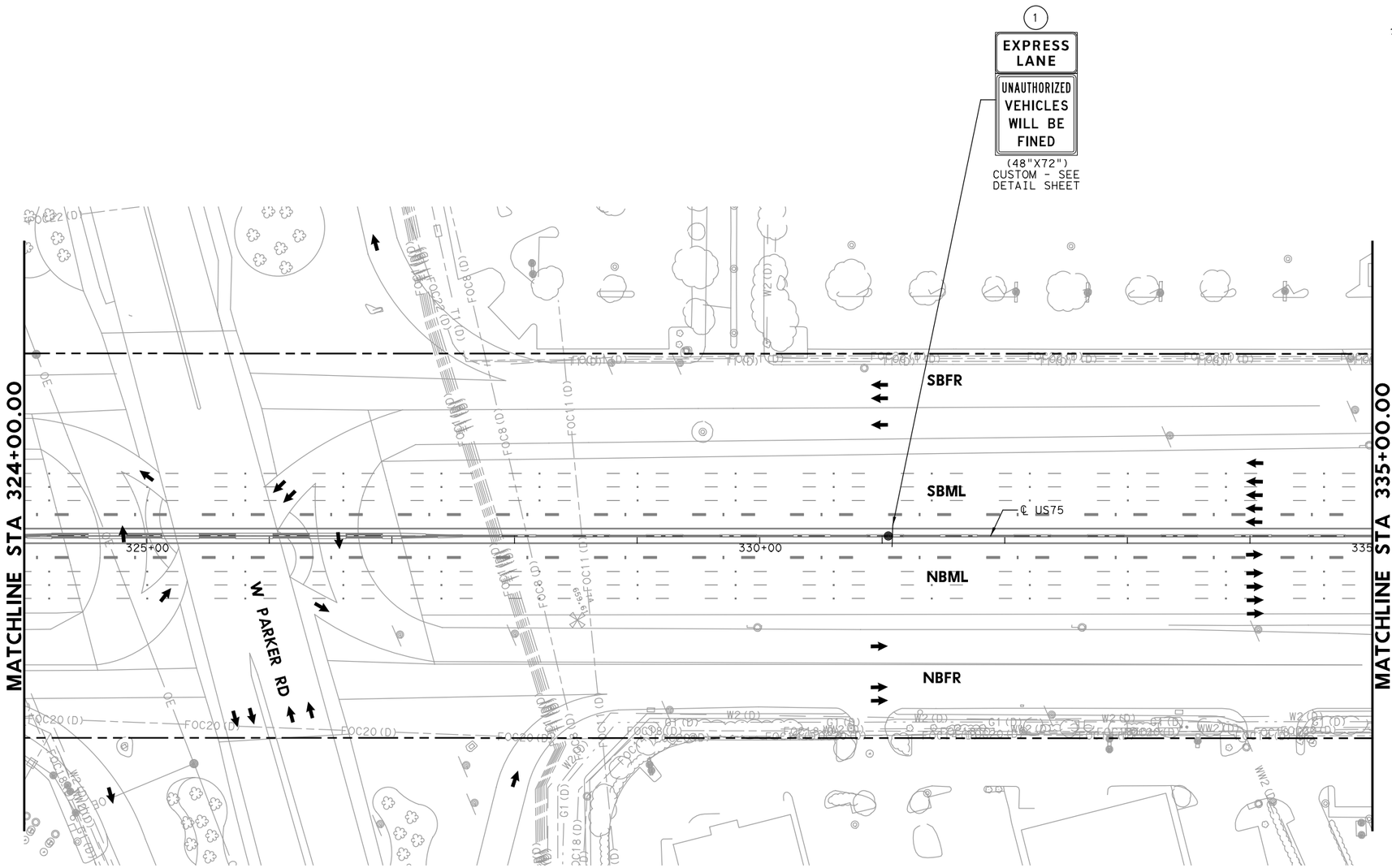

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:46:52-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 324+00 TO STA 335+00

SCALE: 1"=100' SHEET 45 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	500
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:32:28 PM SCALE: 1:100
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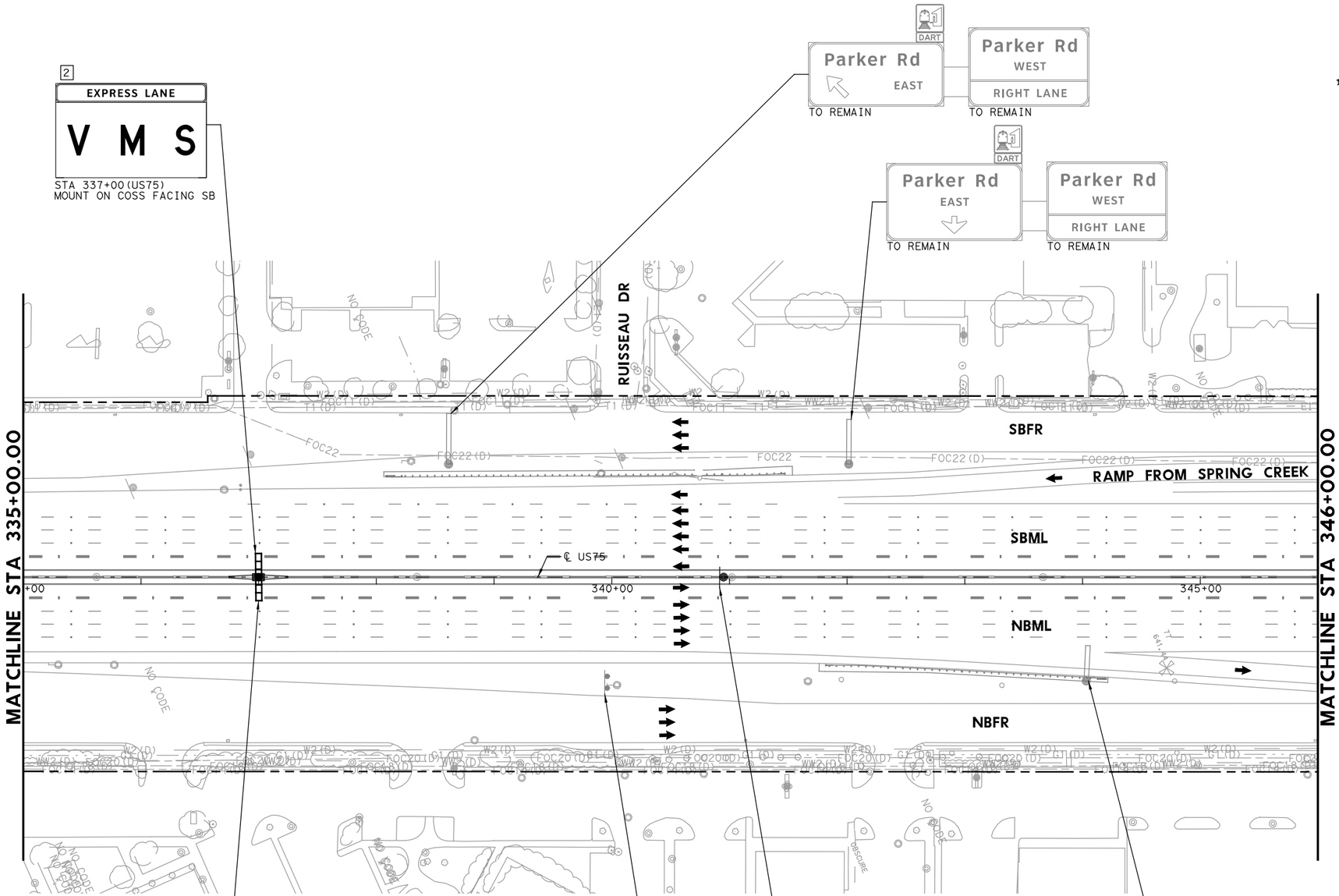

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:46:47-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 335+00 TO STA 346+00

SCALE: 1"=100' SHEET 46 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	501
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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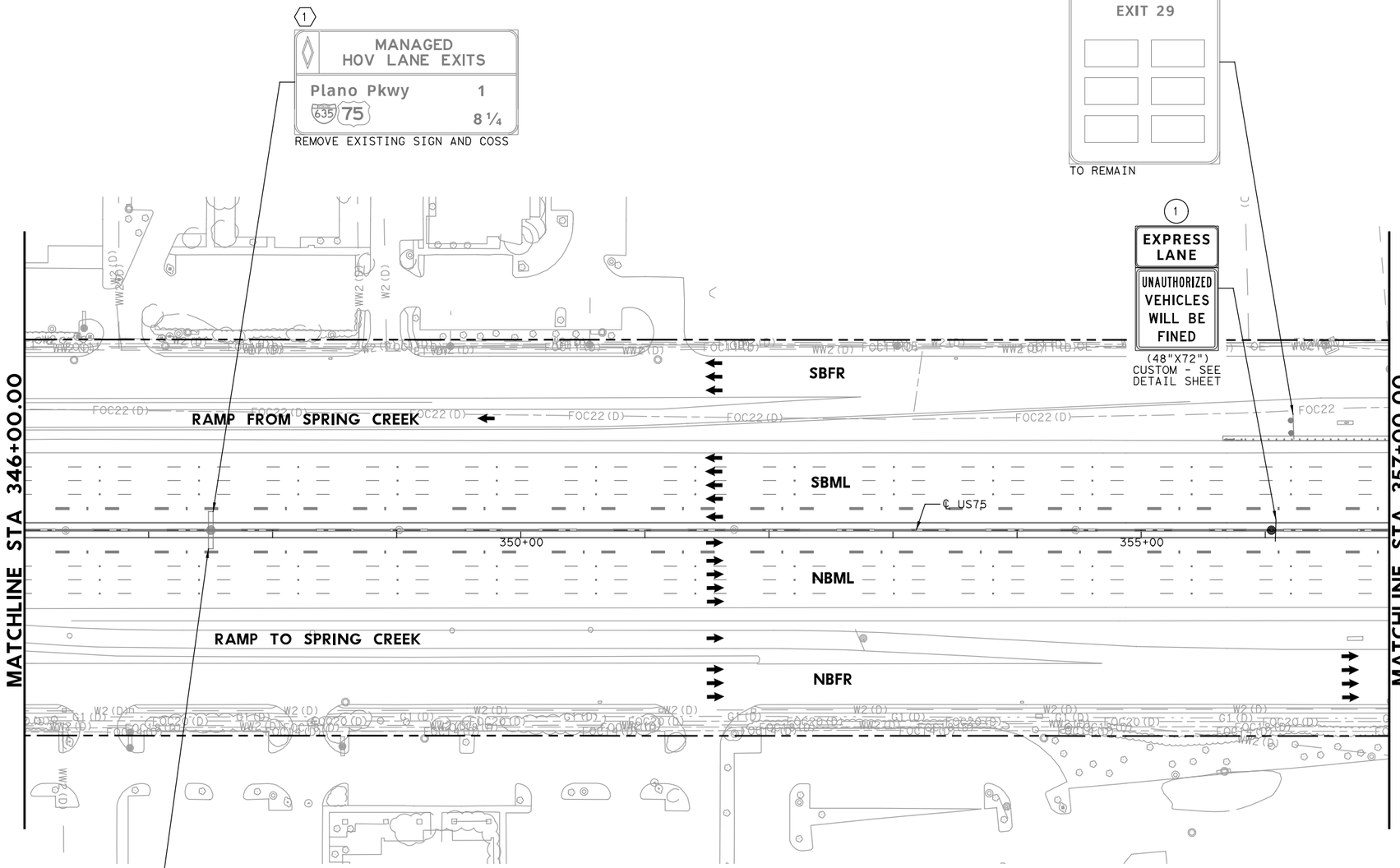

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:46:40-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 346+00 TO STA 357+00

SCALE: 1"=100' SHEET 47 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	502
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:32:37 PM SCALE: 1:100
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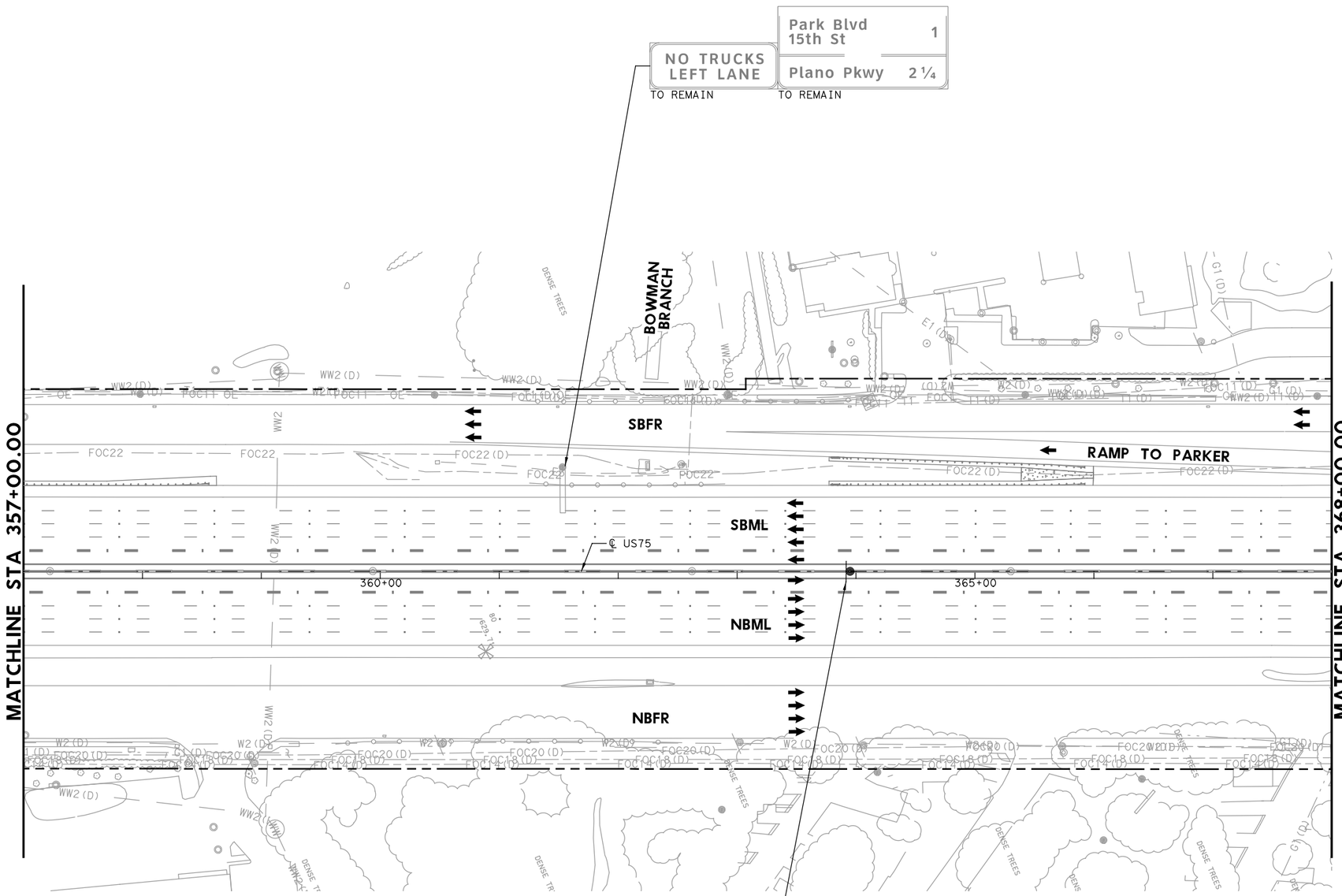

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:46:34-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 357+00 TO STA 368+00

SCALE: 1"=100' SHEET 48 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	503
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:32:41 PM SCALE: 1:100
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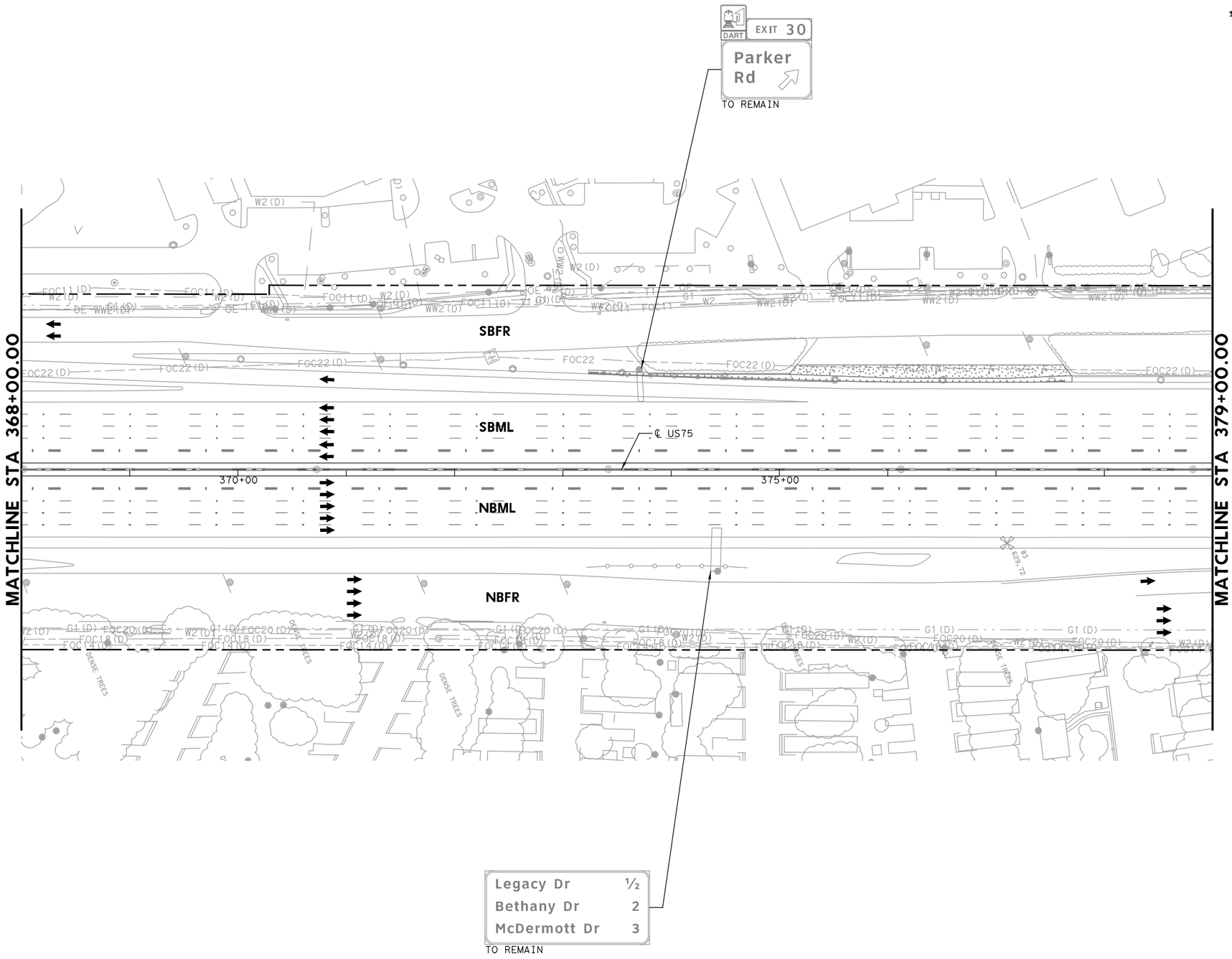

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:46:28-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 368+00 TO STA 379+00

SCALE: 1"=100' SHEET 49 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	504
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

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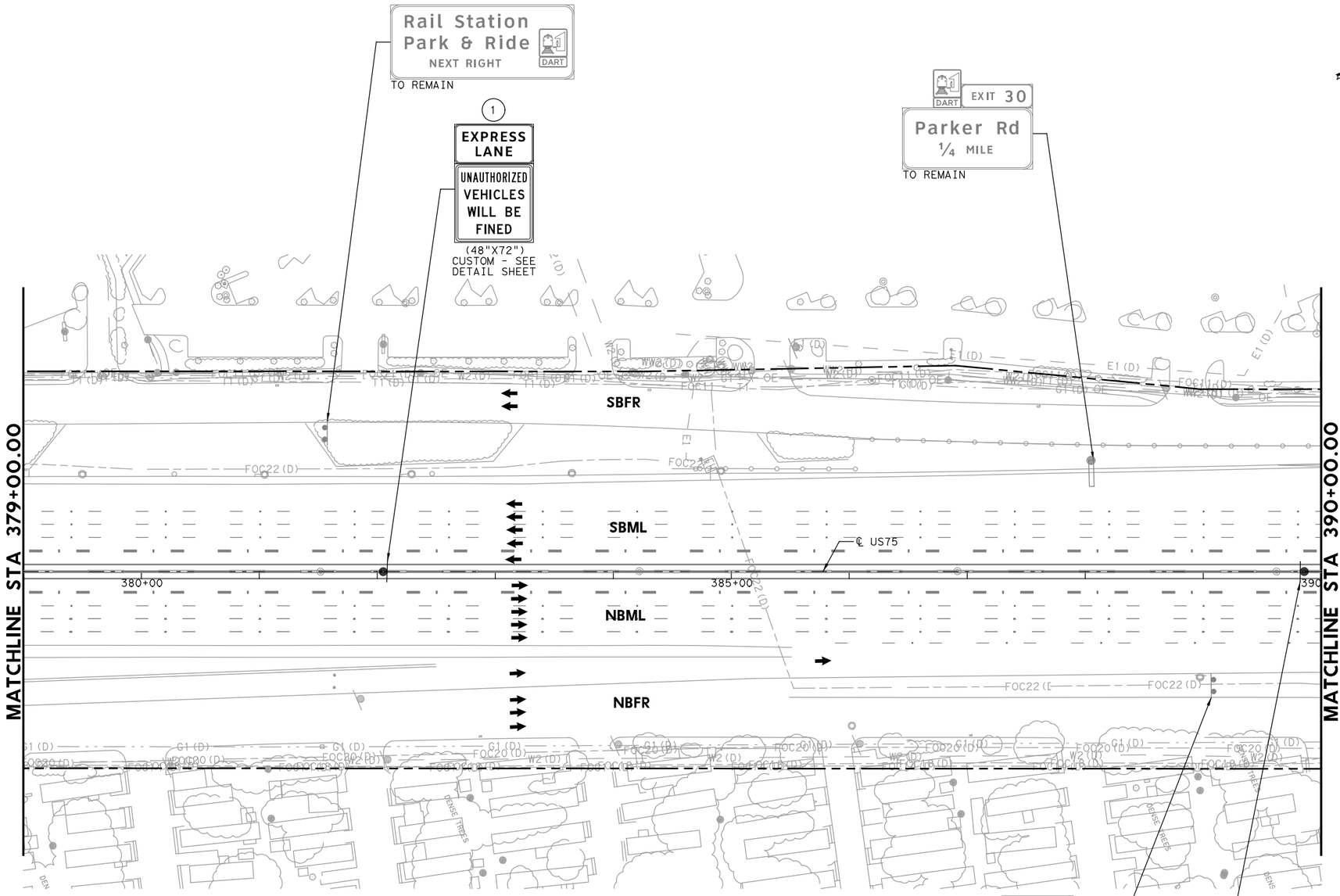
TIME: 2:32:44 PM SCALE: 1:00



0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:46:22-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
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Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 379+00 TO STA 390+00

SCALE: 1"=100' SHEET 50 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	505
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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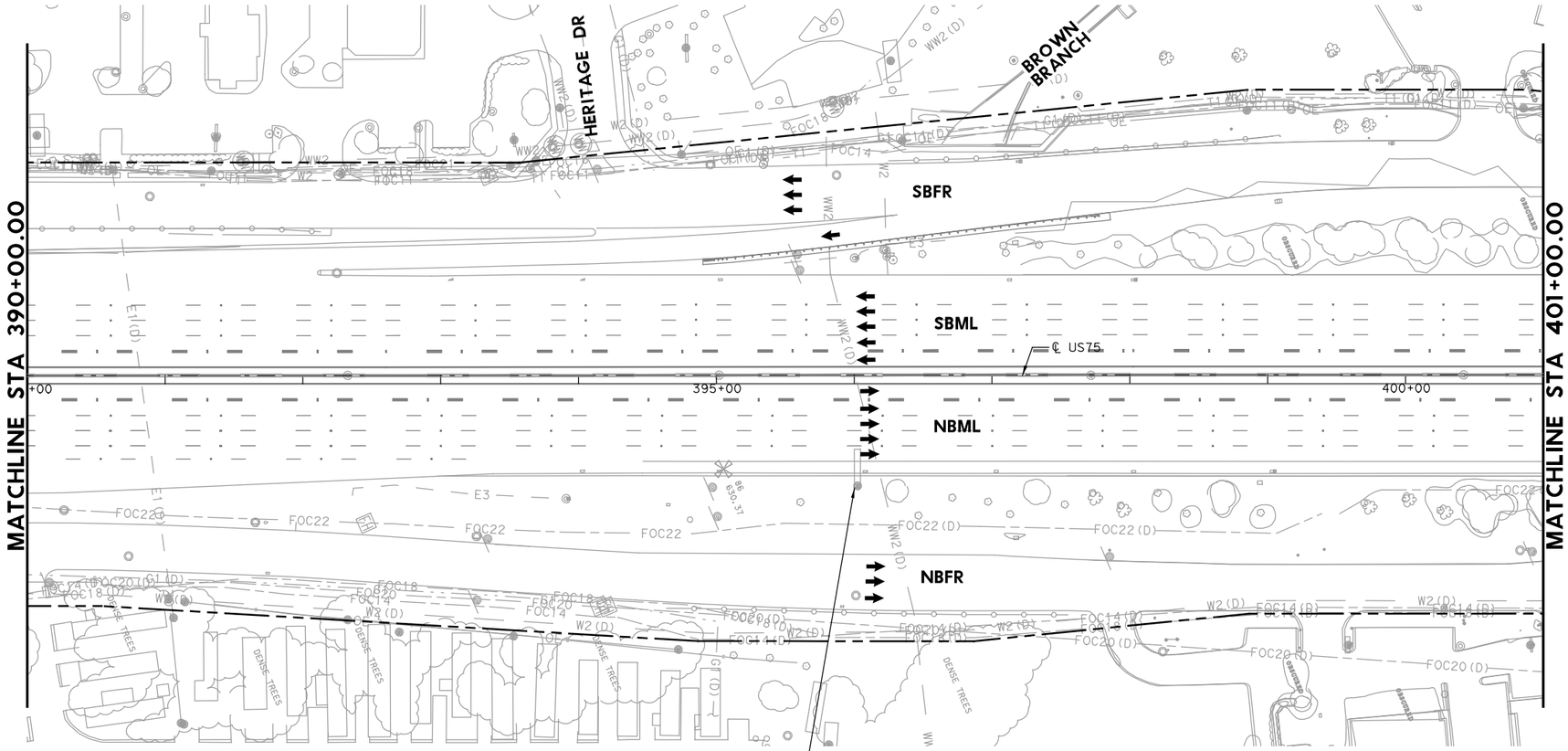

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

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STATE OF TEXAS
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NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

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972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 390+00 TO STA 401+00

SCALE: 1"=100' SHEET 51 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	506
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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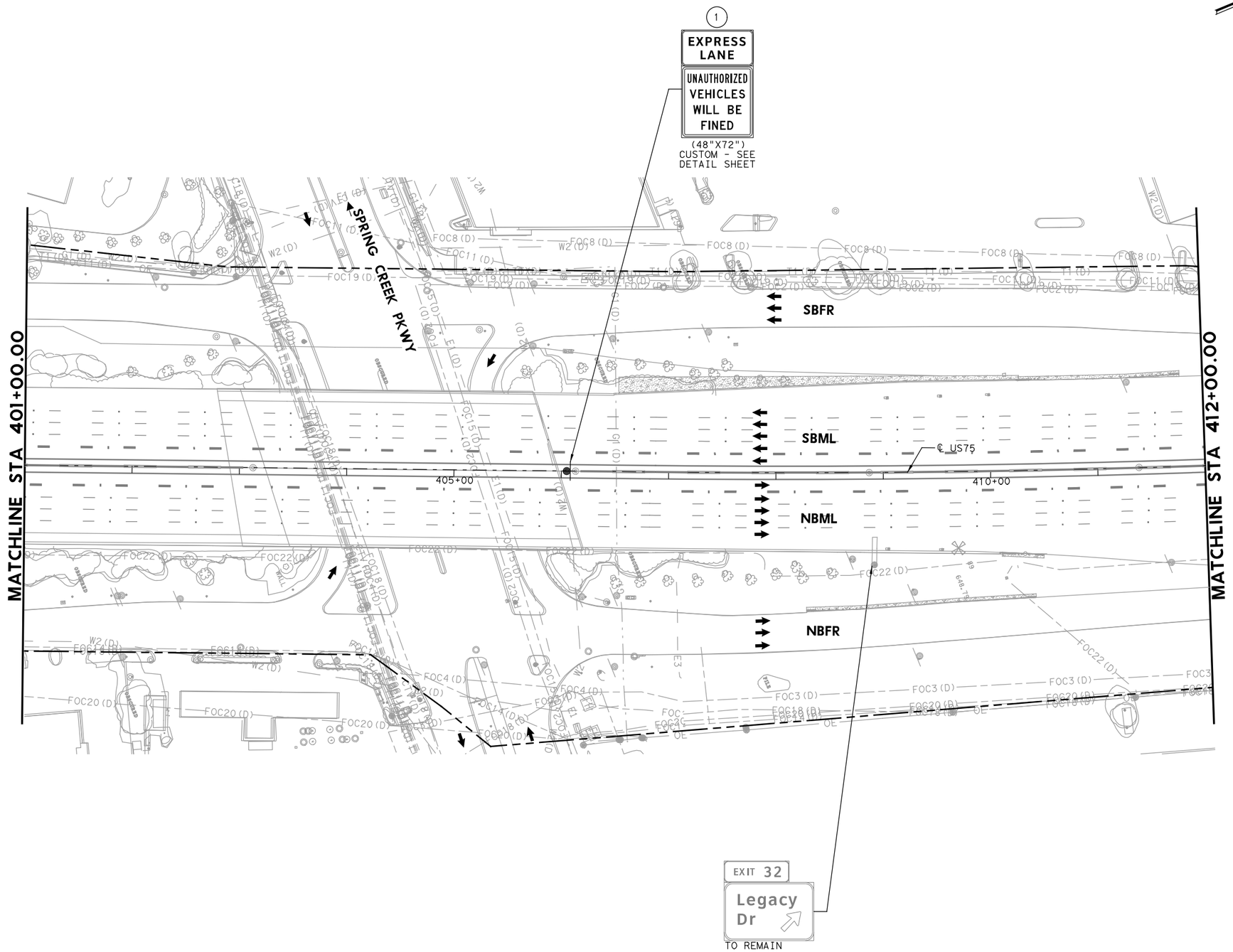

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

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Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 401+00 TO STA 412+00

SCALE: 1"=100' SHEET 52 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	507
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg PENTABLE: US75TF-000000009197 38.tbl
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:32:58 PM SCALE: 1:100
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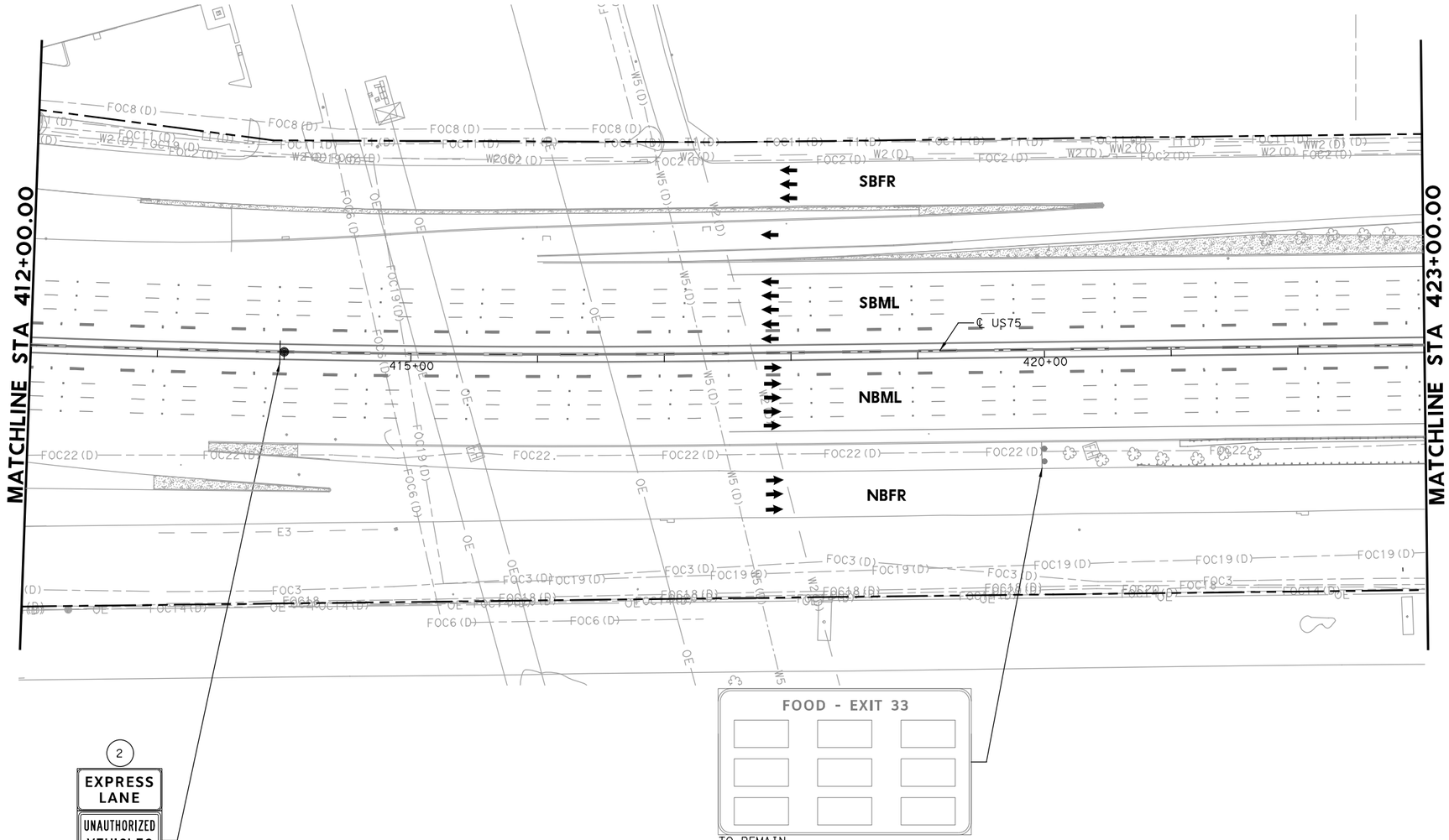

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

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STATE OF TEXAS
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NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

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Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 412+00 TO STA 423+00

SCALE: 1"=100' SHEET 53 OF 87

FED. RD. DIV. NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	508
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg PENTABLE: US75TF-000000009197 38.tbl
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:33:04 PM SCALE: 1:100
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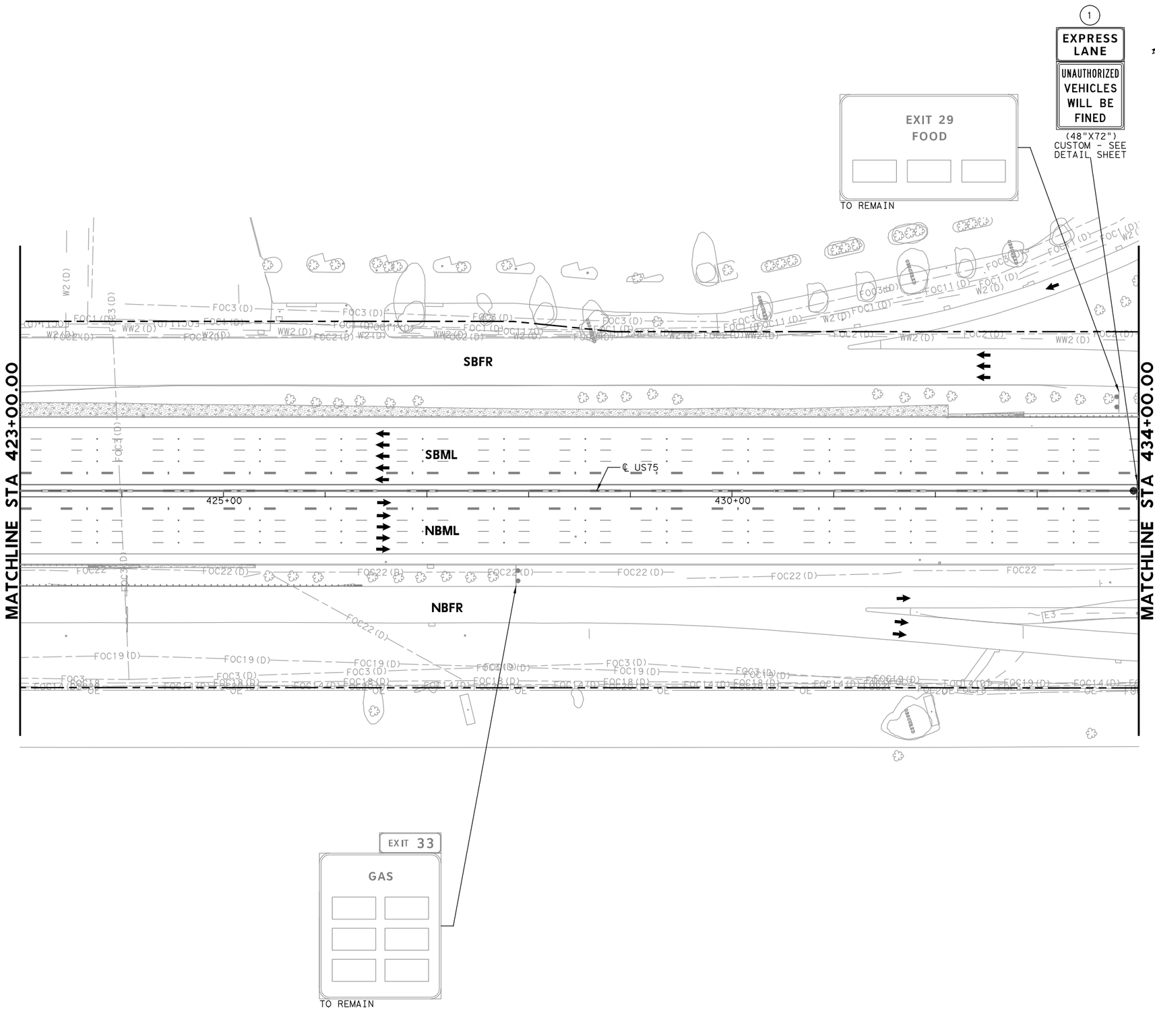

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

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Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 423+00 TO STA 434+00

SCALE: 1"=100' SHEET 54 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	509
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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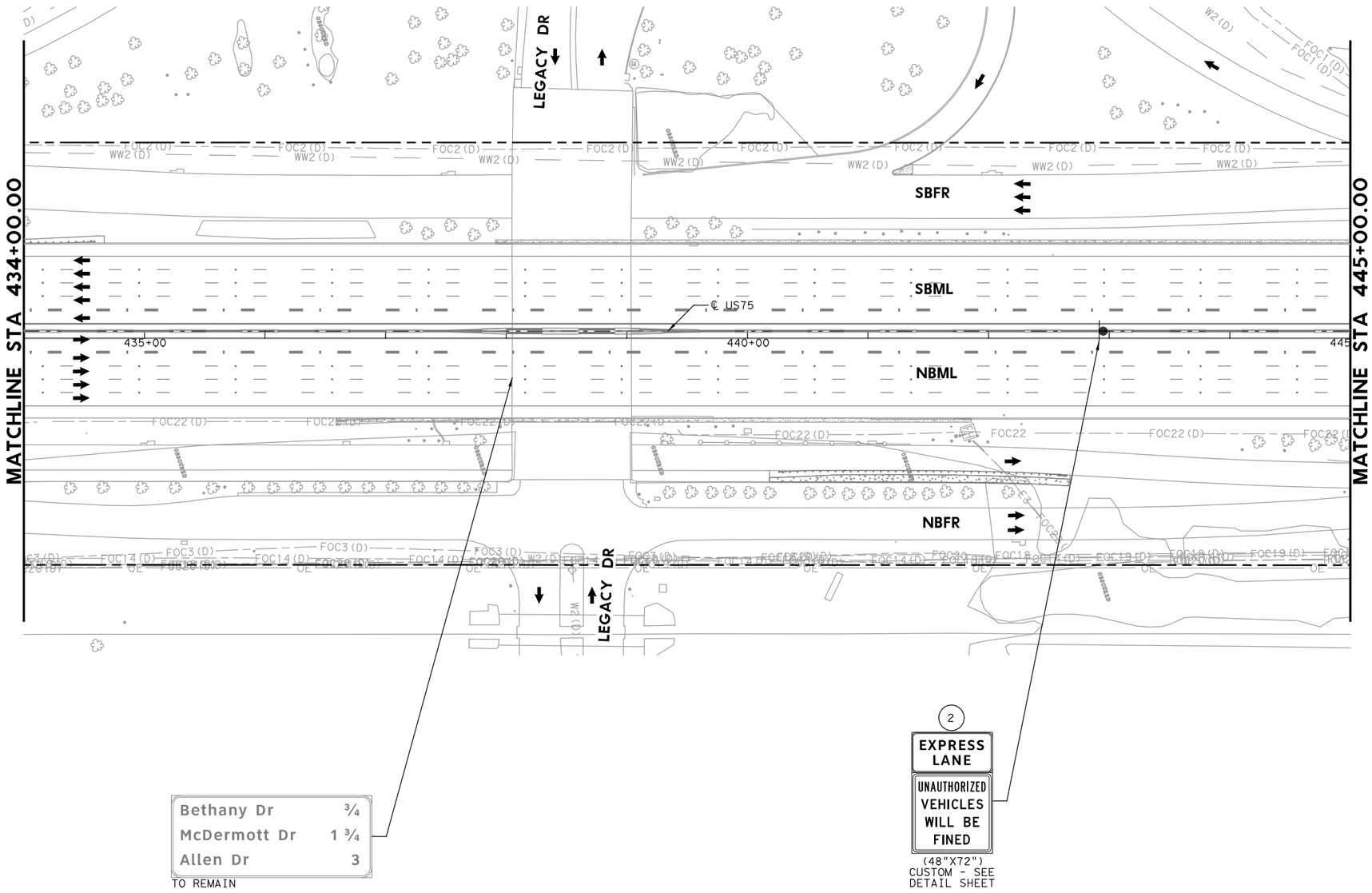

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

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STATE OF TEXAS
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Date: 2023.07.20 16:48:01-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

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Firm Registration No. F-754
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Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 434+00 TO STA 445+00

SCALE: 1"=100' SHEET 55 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	510
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg PENTABLE: US75TF-000000000197138.tbl
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:33:15 PM SCALE: 1:100
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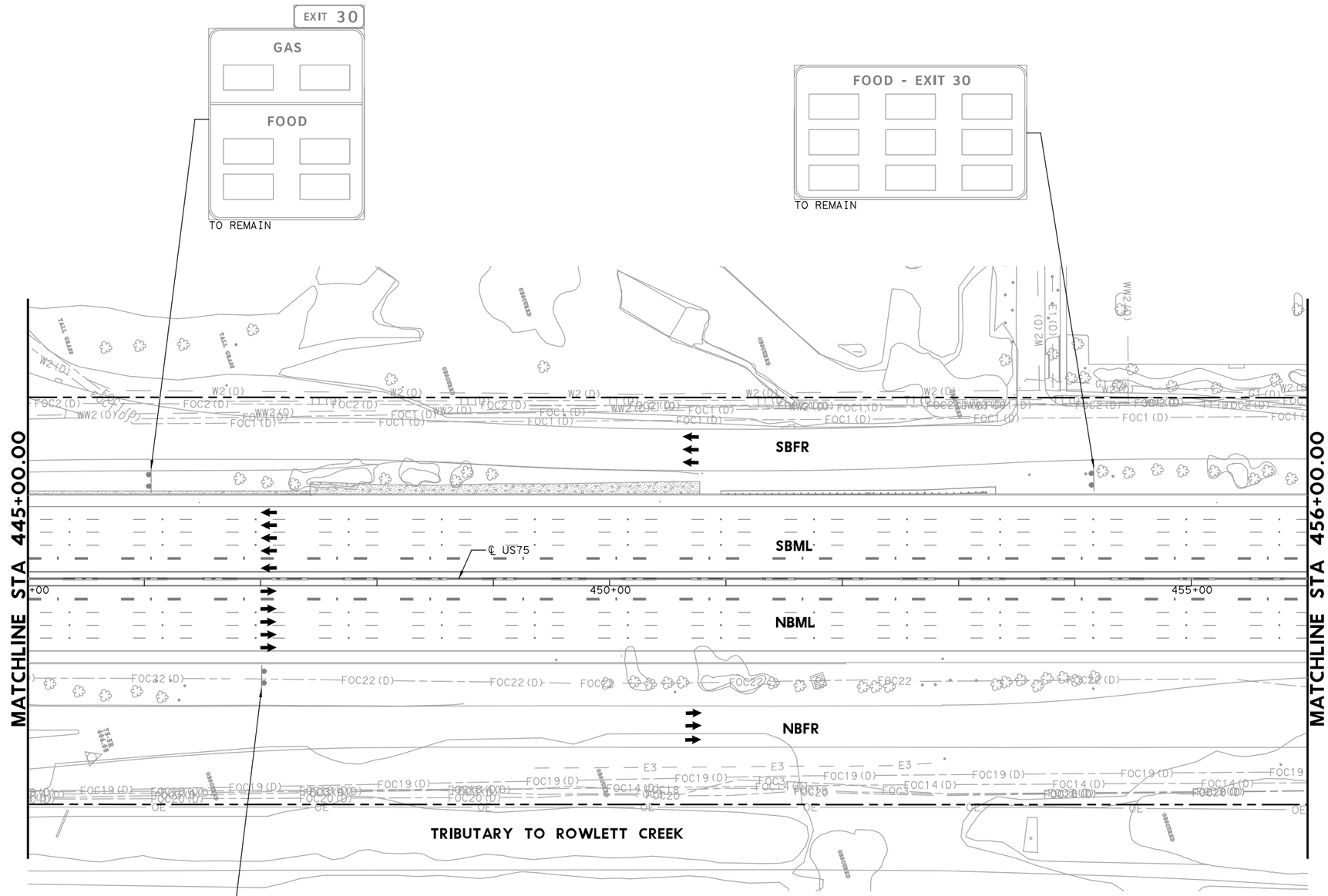

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

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STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:47:55-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
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Dallas, Texas 75248-1229
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Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 445+00 TO STA 456+00

SCALE: 1"=100' SHEET 56 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	511
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg PENTABLE: US75TF-000000000191738.tbl
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:33:19 PM SCALE: 1:100
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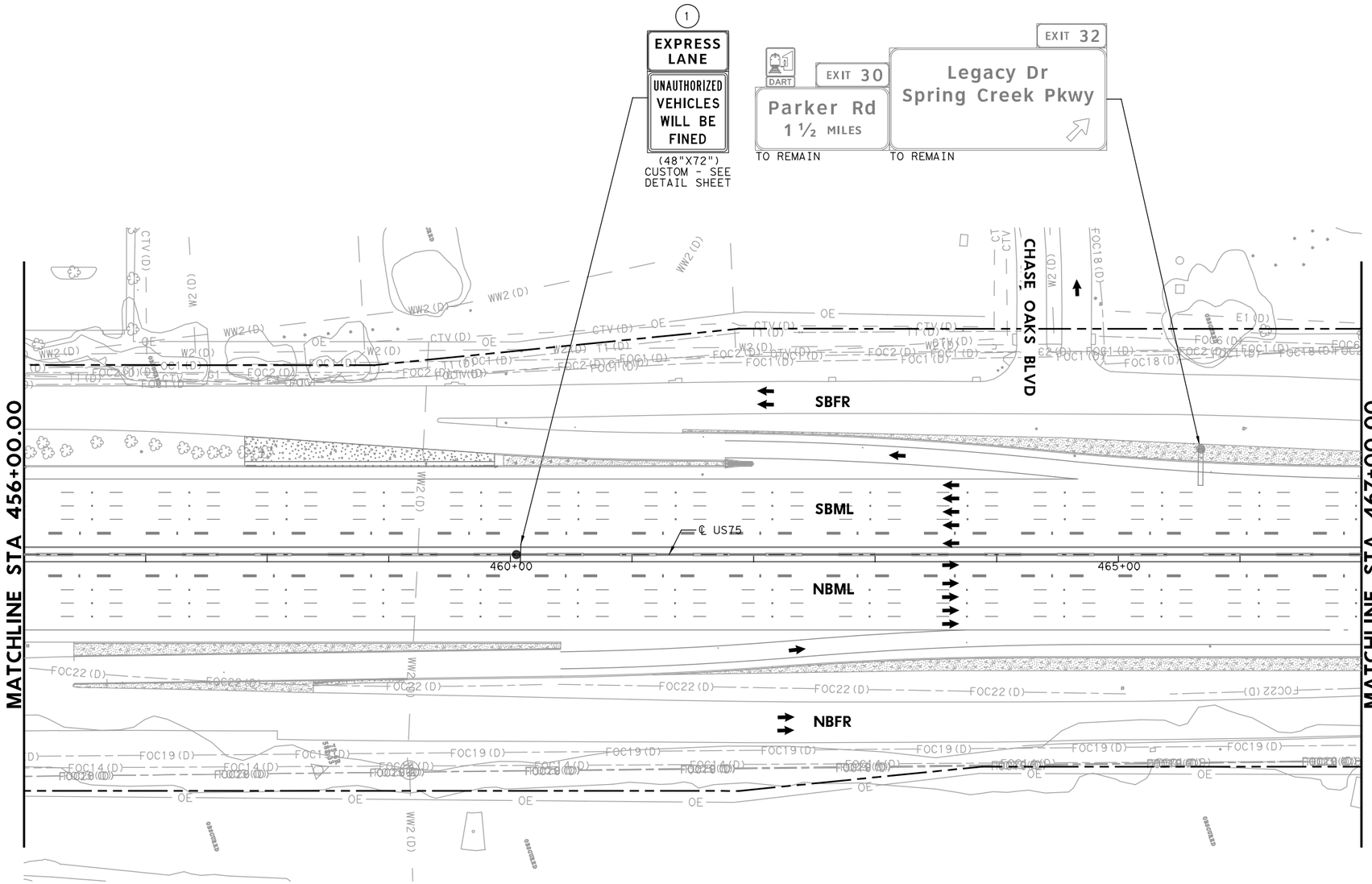

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

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STATE OF TEXAS
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Date: 2023.07.20 16:47:49-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

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Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 456+00 TO STA 467+00

SCALE: 1"=100' SHEET 57 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	512
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:33:24 PM SCALE: 1:100
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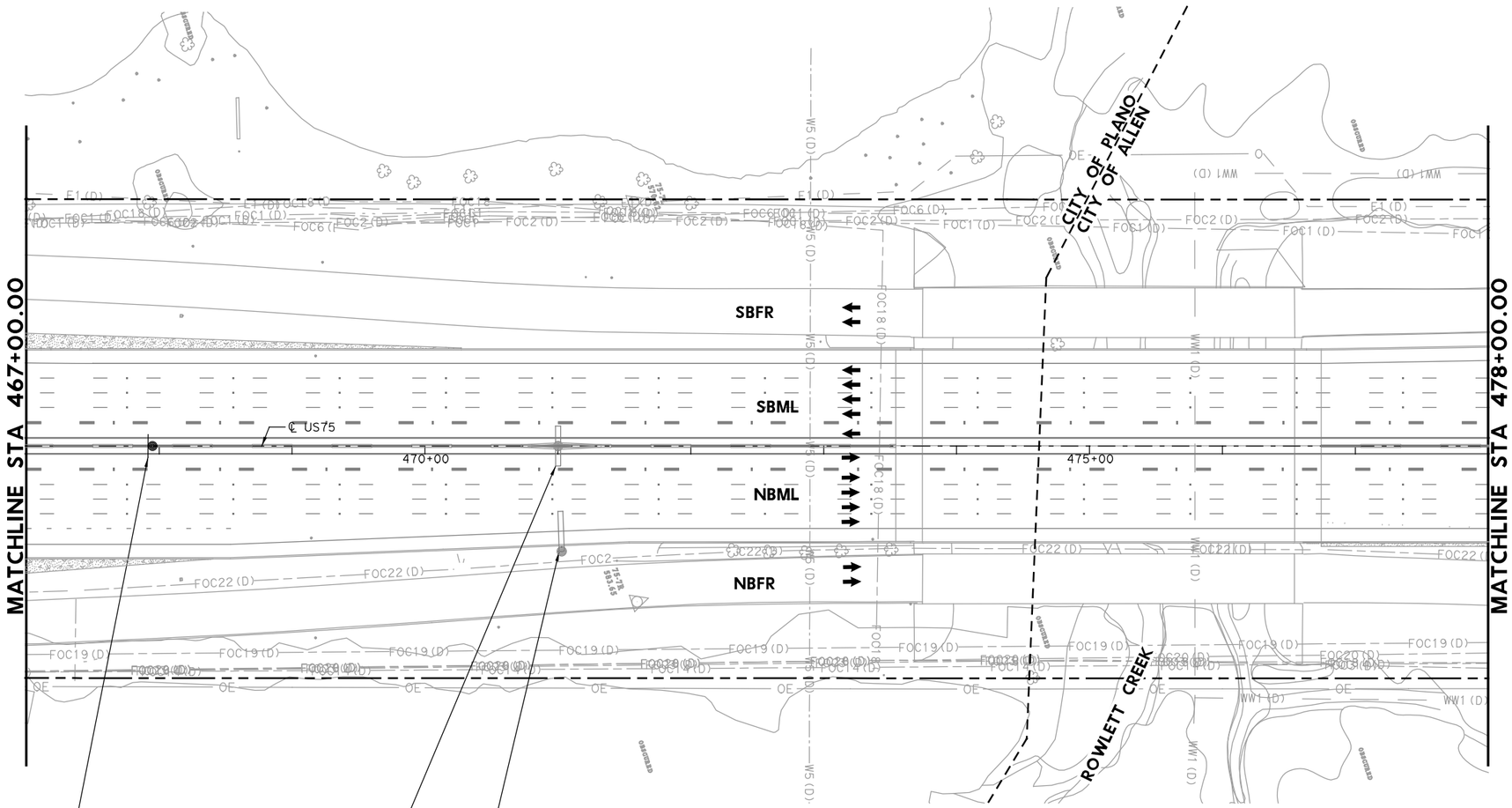
SCALE IN FEET



LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

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STATE OF TEXAS
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NO.	DATE	REVISION	APPROVED
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Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 467+00 TO STA 478+00

SCALE: 1"=100' SHEET 58 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	513
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg PENTABLE: US75TF-000000000191738.tbl
USER: SEFITZPA DATE: 7/20/2023 TIME: 2:33:29 PM SCALE: 1:100
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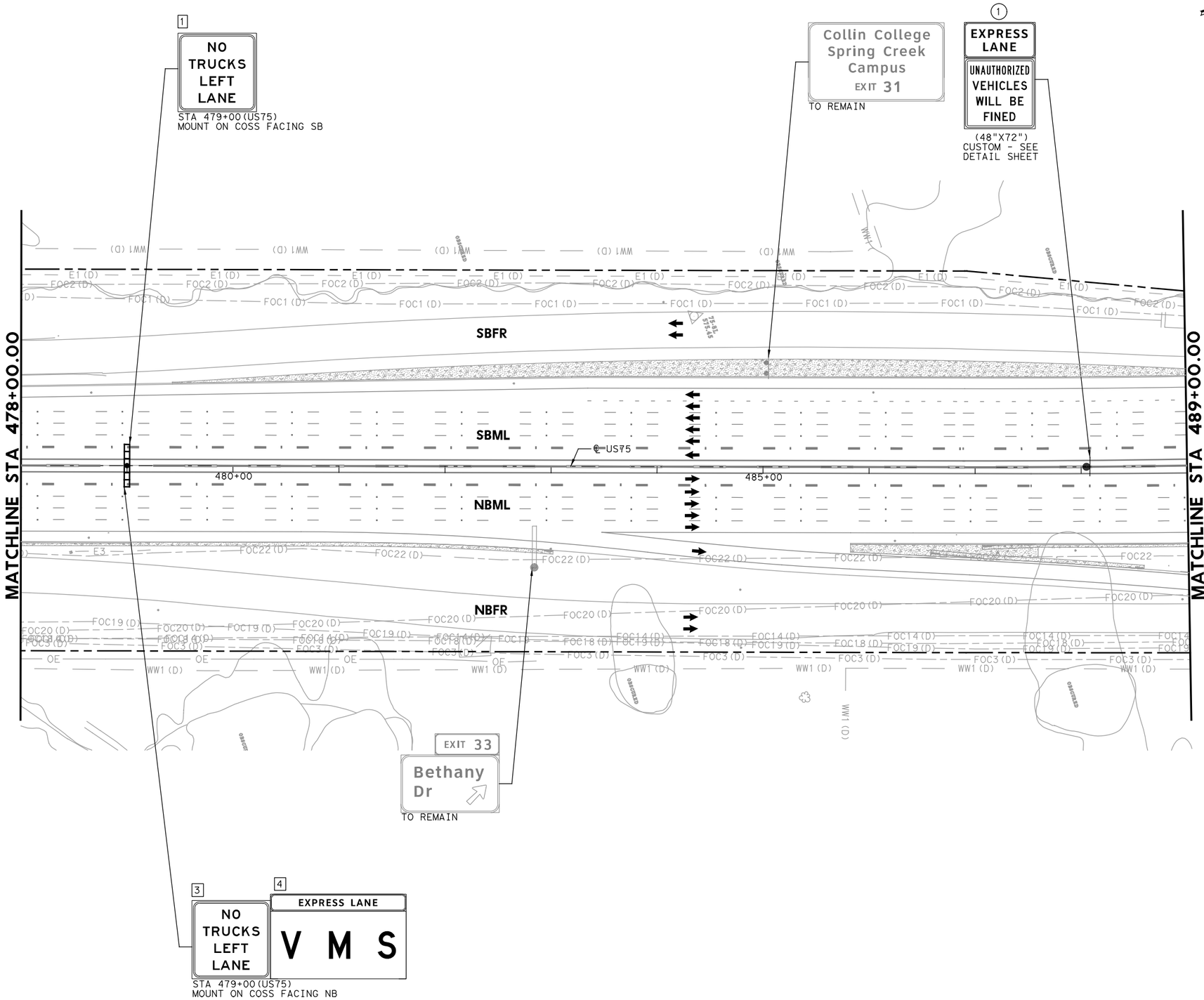

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

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NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

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972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 478+00 TO STA 489+00

SCALE: 1"=100' SHEET 59 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	514
0047	06	158, ETC.	

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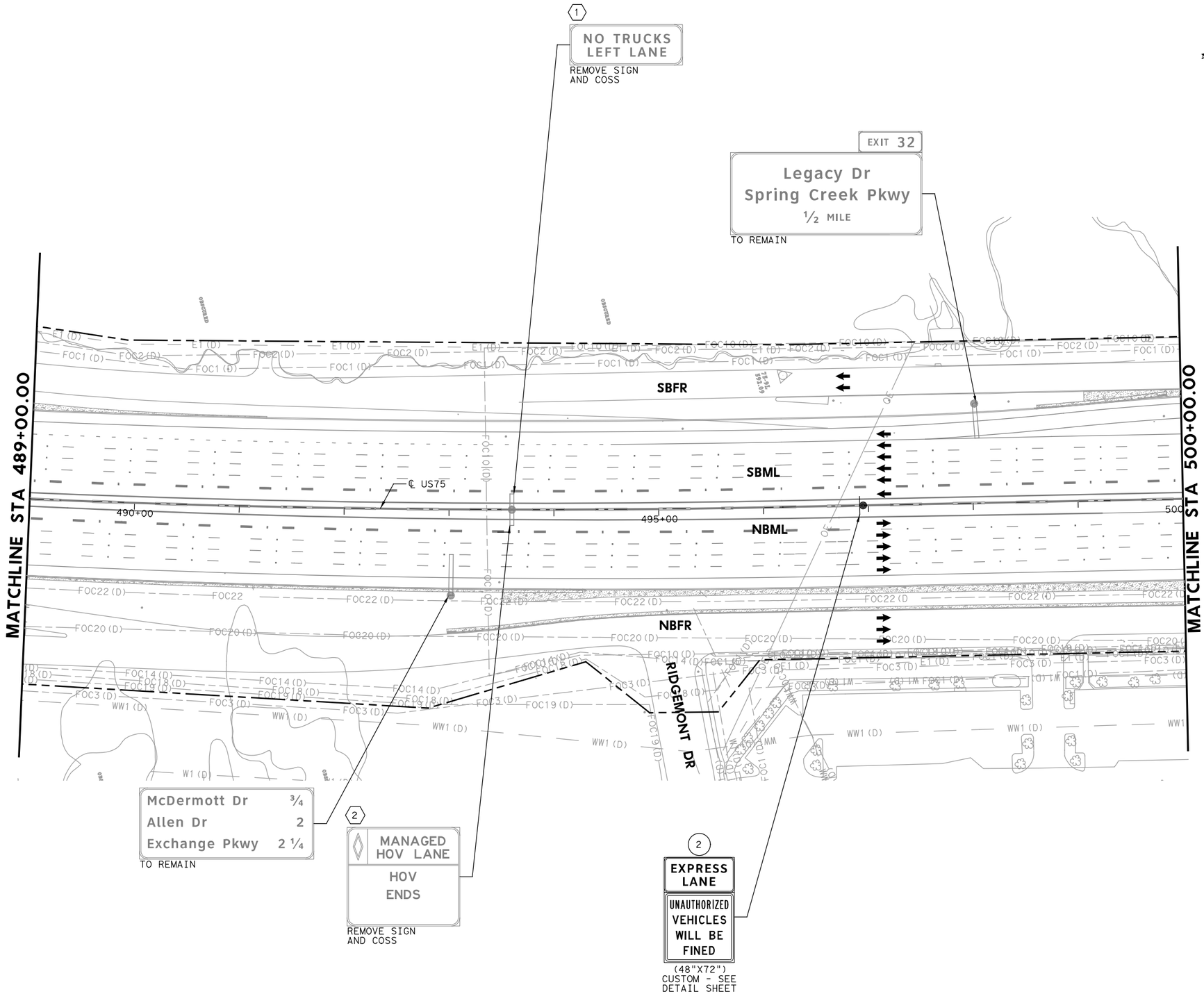

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:47:32-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES SIGNING LAYOUT MAINLANES STA 489+00 TO STA 500+00

SCALE: 1"=100' SHEET 60 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	515
0047	06	158, ETC.	

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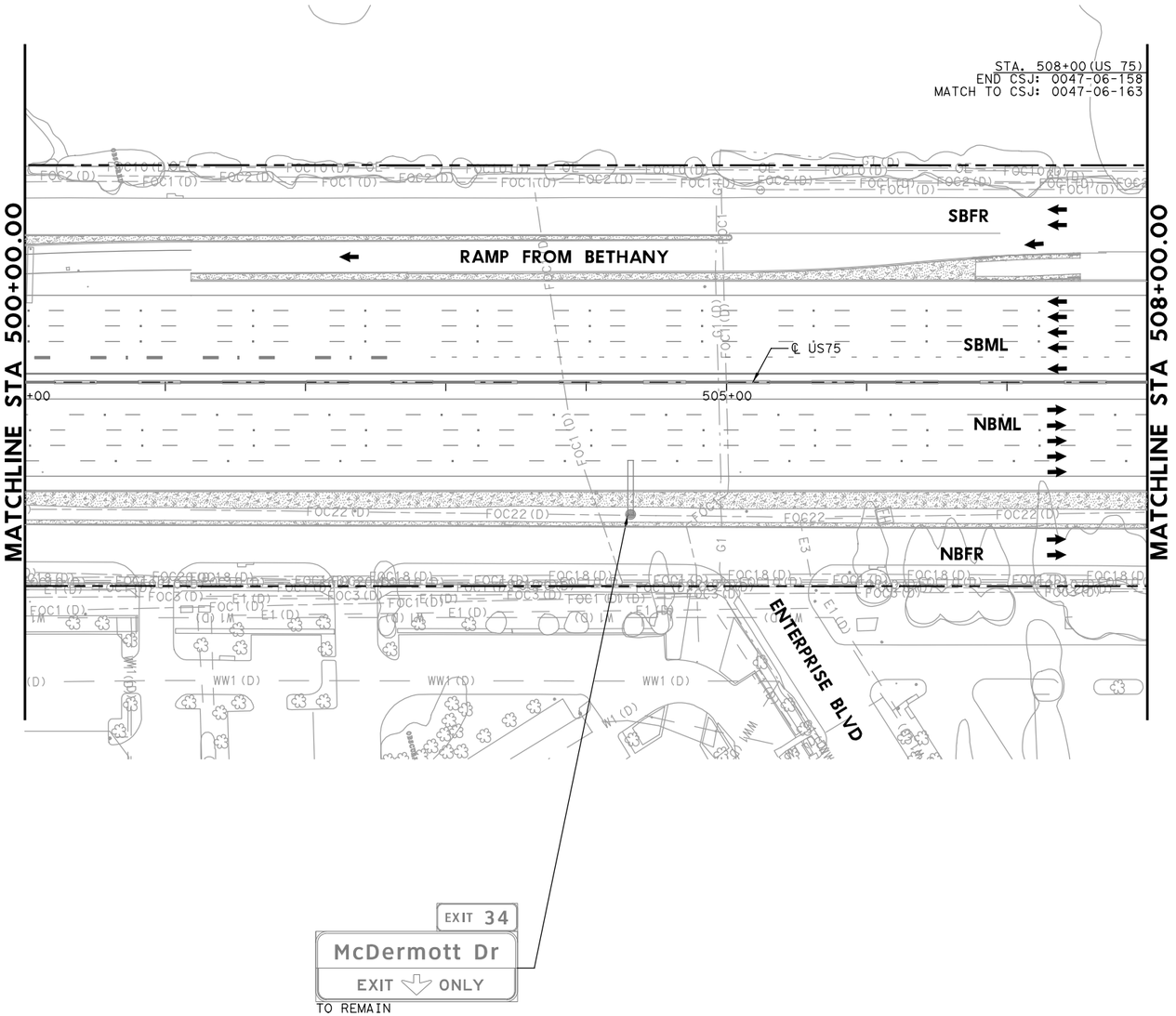

0 50 100 150 200
SCALE IN FEET

LEGEND

- PROPOSED COSS STRUCTURE
- PROPOSED SIGN "T" STRUCTURE
- PROPOSED POST MOUNTED SIGN
- PROPOSED LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- EXISTING COSS STRUCTURE
- EXISTING OVERHEAD SIGN BRIDGE
- EXISTING SIGN "T" STRUCTURE
- EXISTING SMALL SIGN ASSEMBLY
- EXISTING LARGE GROUND-MOUNTED GUIDE SIGN ASSEMBLY
- PROPOSED LARGE/OVERHEAD SIGN
- PROPOSED POST MOUNTED SIGN
- EXISTING LARGE SIGN TO BE REMOVED
- EXISTING SMALL SIGN TO BE REMOVED
- ANNOTATION - TRAFFIC ARROW
- EXISTING R.O.W.

NOTE: FOR SIGNS MOUNTED TO INTERIOR SSCB, SEE RIGID BASE SIGN DETAIL FOR ADDITIONAL DETAILS. TO BE PAID FOR BY ITEM 644-6066.

1 **REPLACED 7/21/2023**

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:48:46-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES
SIGNING LAYOUT
MAINLANES
STA 500+00 TO STA 508+00

SCALE: 1"=100' SHEET 61 OF 87

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	
CONTROL	SECTION	JOB	516
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg PENTABLE: US75TF-000000009197 38.tbl
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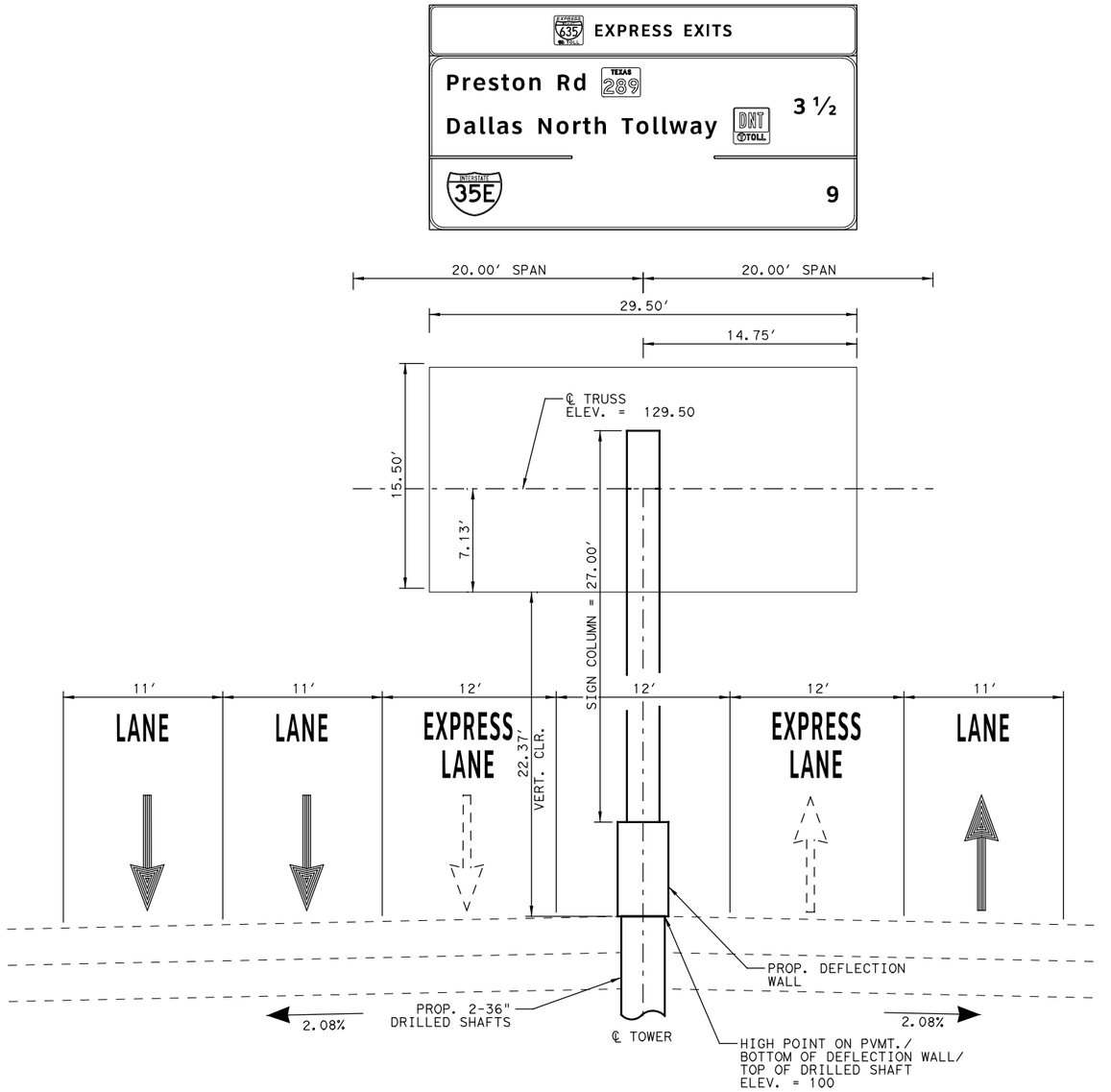

COSS AT ℄ US 75 STA. 114+00
SB GUIDE SIGN

DESIGN DATA

SPAN LENGTH (SB)	20	FT
SPAN LENGTH (NB)	20	FT
ACTUAL SIGN AREA (SB)	457.25	SF
ACTUAL SIGN AREA (NB)	N/A	SF

STRUCTURE DATA

TRUSS CODE	COSS-Z1-10	
TRUSS SIZE	4.5X4.5	FT x FT
SIGN COLUMN HEIGHT	27	FT
CL C CONC (SIGN COLUMN)	16.0	CY
CL C CONC (DEFL WALL)	11.2	CY

SUMMARY OF DRILLED SHAFT

*DRILLED SHAFT LENGTH	36	FT
DRILLED SHAFT DIAMETER	36	IN
NUMBER OF DRILLED SHAFTS	2	

NOTE:
SEE DEFLECTION WALL AND SIGN COLUMN DETAILS FOR ADDITIONAL INFORMATION.

*DRILL TO THE PLAN DEPTH SHOWN AND AT LEAST 2 DRILLED SHAFT DIAMETERS INTO UNWEATHERED LIMESTONE.

NOTES:

1. NO ILLUMINATION OR WALKWAY SUPPORT BRACKETS WILL BE REQUIRED FOR THIS SIGN SUPPORT.
2. SIGN SUPPORT STRUCTURE DESIGNS ARE BASED ON DESIGN CROSS SECTIONS. THE CONTRACTOR SHALL FIELD VERIFY FINISHED GRADE ELEVATIONS AT THE LOCATIONS DESIGNATED ON THE PLANS BEFORE ORDERING FABRICATIONS OF SIGN SUPPORT STRUCTURES.
3. DEFAULT HIGH POINT ELEVATION IS ASSUMED TO BE 100′. ADJUST FIELD ELEVATIONS ACCORDINGLY UPON VERIFICATION OF HIGH POINT ELEVATION.

STATE OF TEXAS
CORY SHIPMAN
82762
LICENSED PROFESSIONAL ENGINEER
7/20/23

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER
Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:48:40-05'00'

⚠1 **REPLACED 7/21/2023**

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES LARGE SIGN ELEVATIONS

SCALE: 1"=10′ SHEET 8 OF 29

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	561
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

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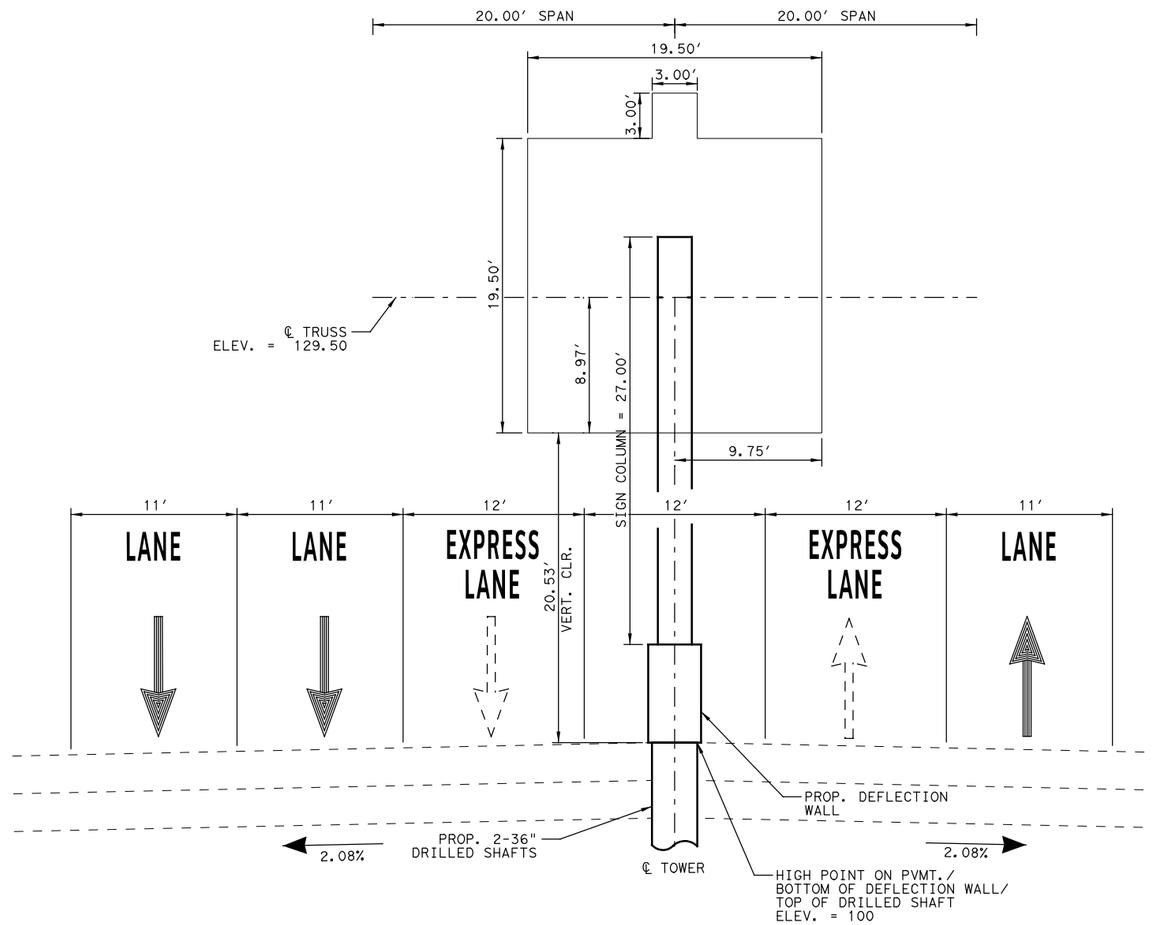

COSS AT ℄ US 75 STA. 137+00
SB VMS SIGN

DESIGN DATA

SPAN LENGTH (SB)	20	FT
SPAN LENGTH (NB)	20	FT
ACTUAL SIGN AREA (SB)	389.25	SF
ACTUAL SIGN AREA (NB)	N/A	SF

STRUCTURE DATA

TRUSS CODE	COSS-Z1-10	
TRUSS SIZE	4.5X4.5	FT x FT
SIGN COLUMN HEIGHT	27	FT
CL C CONC (SIGN COLUMN)	15.6	CY
CL C CONC (DEFL WALL)	11.2	CY

SUMMARY OF DRILLED SHAFT

*DRILLED SHAFT LENGTH	15	FT
DRILLED SHAFT DIAMETER	36	IN
NUMBER OF DRILLED SHAFTS	2	

NOTE:
SEE DEFLECTION WALL AND SIGN COLUMN DETAILS FOR ADDITIONAL INFORMATION.

*DRILL TO THE PLAN DEPTH SHOWN AND AT LEAST 2 DRILLED SHAFT DIAMETERS INTO UNWEATHERED LIMESTONE.

NOTES:

1. NO ILLUMINATION OR WALKWAY SUPPORT BRACKETS WILL BE REQUIRED FOR THIS SIGN SUPPORT.
2. SIGN SUPPORT STRUCTURE DESIGNS ARE BASED ON DESIGN CROSS SECTIONS. THE CONTRACTOR SHALL FIELD VERIFY FINISHED GRADE ELEVATIONS AT THE LOCATIONS DESIGNATED ON THE PLANS BEFORE ORDERING FABRICATIONS OF SIGN SUPPORT STRUCTURES.
3. DEFAULT HIGH POINT ELEVATION IS ASSUMED TO BE 100'. ADJUST FIELD ELEVATIONS ACCORDINGLY UPON VERIFICATION OF HIGH POINT ELEVATION.

1 REPLACED 7/21/2023

STATE OF TEXAS
CORY SHIPMAN
82762
LICENSED PROFESSIONAL ENGINEER
7/20/23

STATE OF TEXAS
TIMOTHY GRIMES
100107
LICENSED PROFESSIONAL ENGINEER
Digitally signed by Grimes, Timothy A
Date: 2023.07.20 16:48:34-05'00'

NO.	DATE	REVISION	APPROVED
1	7-21-23	ADDENDUM 1	

HDR Engineering, Inc.
Firm Registration No. F-754
17111 Preston Road, Suite 200
Dallas, Texas 75248-1229
972.960.4400

Texas Department of Transportation

US 75 TECHNOLOGY LANES LARGE SIGN ELEVATIONS

SCALE: 1"=10'

SHEET 10 OF 29

FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
6	SEE TITLE SHEET		US 75
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DALLAS	COLLIN, ETC.	563
CONTROL	SECTION	JOB	
0047	06	158, ETC.	

PLOT DRIVER: TXDOT_PDF_BW.pltcfg
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