# ORGANIZATION OF PLAN SHEETS

I. GENERAL

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- PROJECT SUMMARY 5
- II. TRAFFIC CONTROL PLAN
  - \*RS-TCP-05

III. ROADWAY ITEMS

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- 9 13 EASEMENT DETAILS

# STATE OF TEXAS DEPARTMENT OF TRANSPORTATION

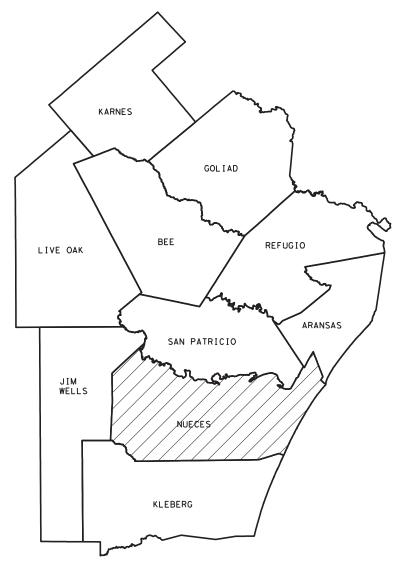
PLANS OF PROPOSED HIGHWAY ROUTINE MAINTENANCE MAINTENANCE PROJECT NO. RMC 6468-72-001

COUNTY: WEST NUECES

SH 44, ETC

FROM: VARIOUS LOCATIONS LIMITS: TO:

NET LENGTH OF PROJECT: 211.110 MI. WORK CONSISTING OF MOWING HIGHWAY RIGHT OF WAY



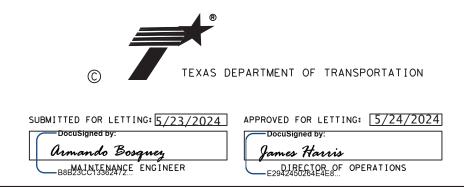
× ARMANDO BOSQUEZ 91354 CENSE IONAL

THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE WITH AN (\*) HAVE BEEN ISSUED BY ME OR UNDER MY RESPONSIBLE SUPERVISION AND ARE APPLICABLE TO THIS PROJECT. DocuSigned by:

Irmando Bosquey	. P.E.	5/23/2024
B8B23CC13362472	•	DATE

EQUATIONS: N/A EXCEPTIONS: N/A RAILROAD CROSSING: N/A

SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORATION NOVEMBER 1, 2014, AND SPECIAL SPECIFICATION ITEMS INCLUDED IN THE CONTRACT SHALL GOVERN ON THIS PROJECT.



DESIGN	FED.RD. DIV.NO.		RMC 6468-72-001							
graphics	6	F								
,	STATE		STATE DIST. NO. COUNTY							
CHECKED	TEXA	S	S CRP NUECES							
P CHECKED	CONT.	NT. SECT. JOB HIGHWA				AY NO.				
,	646	8	72	001	SH 44,6	ETC.				
AREA OF D	ISTUR	BEI	D SOIL	= 0	.00 AC	RES				

·		
CORPUS AREA OF	FICE (6468-72-0	01)
ERNEST LONGORIA.P.E.	AREA ENGINEER	361-808-2322
	AREA OFFICE INSPECTOR	
	AREA OFFICE INSPECTOR	
	AREA OFFICE RECORDKEEPER	
ROBSTOWN MAINTENANCE	(WEST NUECES COUNTY)	
GEORGE CAVAZOS	MAINTENANCE SUPERVISOR	361-387-4942
	MAINTENANCE INSPECTOR	
	MAINTENANCE INSPECTOR	

**Project Number:** RMC646872001 **County:** Nueces

# **GENERAL NOTES:**

### General

This contract shall commence upon the issuance of a Work Order by the Director of Maintenance or his representative and shall continue for 365 calendar days with a 365-calendar day renewal option in accordance with Special Provision 004--001 "Scope of Work".

The Contractor is to visit the site(s), make his/her own examination of the site(s) where work is to be performed. The Contractor shall carefully examine these specifications and secure from the state additional information that may be essential for a clear and full understanding of the work.

All work will be scheduled and directed by the following named Department Maintenance Supervisor:

George Cavazos <u>George.Cavazos@txdot.gov</u> Robstown Maintenance 1750 US 77, Robstown, TX 78380

The Contractor shall contact the following named Area Engineer to determine priority work areas and adjust work schedule accordingly:

Ernest Longoria, P.E. Nueces Area Engineer Ernest.Longoria@txdot.gov

The Contractor's attention is brought to the fact that each contract is separate. Work orders for each of the mowing contracts district wide will be issued concurrently. In the event the Contractor is awarded multiple contracts, they shall be sufficiently staffed to concurrently pursue required mowing operations on all contracts they may have been awarded.

# ITEM 2

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

Ernest Longoria, P.E., Ernest.Longoria@txdot.gov

Page 2 CSJ: 6468-72-001 Highway: SH 44, etc.

**Project Number:** RMC646872001 **County:** Nueces

Questions may be submitted via the Letting Pre-Bid Q&A web page. This webpage can be accessed from the Notice to Contractors dashboard located at the following Address:

https://tableau.txdot.gov/views/ProjectInformationDashboard/NoticetoContractors

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

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

It is recommended that prospective bidders examine the specified work locations with the Engineer to view the nature of the work, the need for close coordination with the various utilities, the traffic control considerations, and other factors influencing the prosecution of the work.

# **ITEM 7**

For each working day that any work remains incomplete after the expiration of the allowed working days in the work order, the amount per day given in Special Provision 000--1243 "Schedule of Liquidated Damages" will be deducted from the money due the Contractor, not as a penalty, but as liquidated damages.

## ITEM 8

The Contractor will be given written notice to begin a mowing cycle. In this notice, the Contractor will be given the tracts to be mowed, the number of working days (as defined in Section 8.3.1.4., "Standard Workweek", in the 2014 Texas Standard Specifications) allowed to complete the mowing cycle, and the date when time charges for the mowing cycle will begin.

Full Width Mowing work orders will be issued for each calendar year as stated below. Number of cycles needed for the year will be dependent on grass growth, and as ordered by the Director of Maintenance:

No Earlier Than	No Later Than
* June 1 <sup>st</sup>	* July 15 <sup>th</sup>
September 1 <sup>st</sup>	October 15 <sup>th</sup>
December 1 <sup>st</sup>	January 15 <sup>th</sup>
	* June 1 <sup>st</sup> September 1 <sup>st</sup>

\* Start dependent on wildflowers setting mature seeds.

# Page 2 CSJ: 6468-72-001 Highway: SH 44, etc.

# Project Number: RMC646872001 County: Nueces ITEM 500

Page 3 CSJ: 6468-72-001 Highway: SH 44, etc.

If the Contractor is asked to relocate to another work location due to localized inclement weather or any other reason, the start location will be minimized to within a 10-mile radius of the current work location. This move will not be paid for as a separate mobilization but shall be subsidiary to pertinent Items. If the start location is beyond the 10-mile radius, a separate mobilization will be paid to the Contractor.

Two additional Mobilization (Callout) will be included for ITEM 730-6003 Spot Mowing.

# **ITEM 502**

For this contract, Mowers Ahead sign (CW21-9T) shall be used as per the Texas Manual on Uniform Traffic Control Devices and the plans. Each sign shall have two (2) safety flags attached to it at all times.

All signs must be mounted on their own stands. It will not be permissible to hang or lean these signs on or against the State's sign posts, guardrail, bridge rail, etc.

All signs shall be placed as shown on RS-TCP-05 and at two (2) mile increments, unless approved by the Engineer.

When work is being done on a multi-lane divided highway, signs on both sides of the highway and in the center, median facing each direction of traffic shall be required.

All signs shall be erected in such a manner that they will not obstruct the traveling public's view of the normal roadway signing. Signs, stands and safety flags will not be furnished by TxDOT.

Channelizing devices will not be required.

Traffic control will not be paid for directly but shall be considered subsidiary to pertinent Items.

# **ITEM 730**

The Contractor shall have in operation at all times, no less than five (5) 15-ft batwing rotary mowers, unless otherwise approved by the Engineer.

The Contractor shall have 8-ft shredders available to mow areas that would be inaccessible to batwing mowers, such as in medians where cable barrier is present.

The Contractor shall have 48-inch zero-turn mowers available to mow any tighter areas within the ROW that may be inaccessible to the above-mentioned equipment.

# **Project Number:** RMC646872001 **County:** Nueces

On roadways with curb and gutter, mowed grass and other debris from mowing operations shall be removed from roadway and curb and gutter. [Mowed grass shall not be left covering curb and gutter after completion of mowing operations.]

The Contractor shall have hand-held weed eaters and trimmers, or any other necessary equipment, available to perform hand trimming around any remaining areas within the ROW, or as directed by the Engineer.

The Contractor shall limit mowed areas to a length that can be hand trimmed within one working day of being mowed.

Mowers shall be adjusted for a cutting height of seven (7) inches. When directed to perform hand trimming, grass shall be cut to a height of approximately seven (7) inches.

The Contractor shall be held responsible for any damage caused by their operations within the right of way and shall repair damages at their expense in accordance with Item 7.17.

Full-width mowing shall be performed for the entire right of way from ROW line to ROW line, except for designated non-mow areas.

Spot mowing shall be performed only for areas identified and requested by the engineer. A minimum of 5 acres will be paid for upon callout.

The State reserves the right to pay for partial mowing limits (requested by the acre) when it is determined that certain roadways, or portions thereof, may not require mowing.

# **ITEM 734**

Areas identified for litter pickup will be conducted concurrently with mowing work order. An additional work order will not be issued for this item. Areas identified for litter pickup must be completed for work order to be deemed complete. Not completing litter pickup will result in work in the tract to be deemed incomplete.

Payment for mowing and Litter Removal shall be paid in full when all litter removal has been completed to the satisfaction of the maintenance supervisor or their representative

# Page 3 CSJ: 6468-72-001 Highway: SH 44, etc.



CONTROLLING PROJECT ID 6468-72-001

**DISTRICT** Corpus Christi **HIGHWAY** SH0044 **COUNTY** Nueces

**Estimate & Quantity Sheet** 

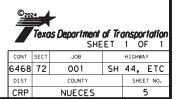
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	PROJECT ID			A0021	.0229				
	COUNTY				Nue	ces	TOTAL EST.	TOTAL FINAL	
			HIGHV	WAY	SH0044				
ALT	BID CODE	DESCRIPTION	UNIT		EST.	FINAL			
	500-6033	MOBILIZATION (CALLOUT)		EA	2.000		2.000		
	730-6002	FULL - WIDTH MOWING		AC	6,522.000		6,522.000		
	730-6003	SPOT MOWING		AC	100.000		100.000		
	734-6001	LITTER REMOVAL		AC	3,138.000		3,138.000		



DISTRICT	COUNTY	CCSJ	SHEET
Corpus Christi	Nueces	6468-72-001	4

											ITEM	730-6002 FU	LL-WIDTH	MOWING	ITEM 734	-6001 LITTE	R REMOVA	
TRACT		LIM	AITS	FR	OM	Т	0	FROM	TO	LENGTH	NO. OF	ACRES PER	TOTAL	DAYS PER	NO. OF	ACRES PER	TOTAL	
NO.	HWY	FROM	то	RM	DISP	RM	DISP	DFO	DFO	(MI)	CYCLES	CYCLE	ACRES	CYCLE	CYCLES	CYCLE	ACRES	
1	FM0024	850' S. OF	SH 44	620	0.310	622	1.140	2.283	5.056	2.773	3	13	39	0.5				
2	FM0043	FM 665	SH 286	000	0.000	558	0.094	0.000	6.094	6.094	3	41	123	0.5	3	41	123	
3	FM0043	SH 286	OSO CREEK	558	0.094	558	1.607	6.094	7.607	1.513	3	12	36	0.5	3	12	36	
4	FM0070	FM 624	FM 665	604	0.980	622	0.903	9.017	25.778	16.761	3	122	366	1.0				
5	FM0624	JIM WELLS	LARIAT TR	546	1.186	560	0.857	97.641	110.520	12.879	3	128	384	1.0	3	128	384	
6	FM0665	JIM WELLS	CR 81	530	0.008	540	1.396	9.670	21.069	11.399	3	77	231	0.5				
7	FM0665	CR 79	FM 892	542	0.335	546	1.143	22.069	26.830	4.761	3	32	96	0.5				
8	FM0665	FM 892	FM 1694	546	1.143	550	0.834	26.830	30.625	3.795	3	56	168	0.5				
9	FM0665	FM 1694	SH 357	550	0.834	560	1.568	30.625	41.175	10.550	3	72	216	0.5				
10	FM0666	SAN	FM 665	604	0.029	620	1.075	11.360	28.324	16.964	3	152	456	1.0				
11	FM0763	0.8 MI. N.	FM 665	614	1.230	616	0.033	3.196	4.023	0.827	3	4	12	0.5		1		
12	FM0763	FM 665	FM 43	616	0.033	618	1.218	4.023	7.186	3.163	3	28	84	0.5				
13	FM0892	CR 34	FM 665	614	1.620	620	1.219	1.643	7.298	5.655	3	42	126	0.5		1		
14	FM1694	0.75 MI. S.	FM 665	606	1.185	618	0.021	1.381	12.057	10.676	3	79	237	0.5		1 1		
15	FM1833	FM 70	FM 666	520	0.000	526	1.701	0.000	7.717	7.717	3	76	228	0.5		1 1		
16	FM1889	1,000' S.	CR 44	606	0.189	608	0.998	0.259	3.014	2.755	3	20	60	0.5				
17	FM2292	1,000′S.	FM 665	614	1.789	618	1.375	4.389	8.056	3.667	3	37	111	0.5		1		
18	FM2444	FM 665	s. oso	549	-0.030	560	0.699	0.000	10.905	10.905	3	107	321	1.0		1		
19	FM2826	FM 666	FM 1694	534	0.000	546	0.091	0.000	11.903	11.903	3	123	369	1.0				
20	FM3088	FM 70	FM 666	600	0.000	604	1.286	0.000	5.328	5.328	3	52	156	0.5		1 1		
21	FM3386	1,050' S.	SH 44	608	1.010	610	1.799	1.553	4.361	2.808	3	28	84	0.5		1 1		
22	I H0069E	0.3 MI. N.	CR 46	662	0.742	664	1.250			2.288	3	69	207	0.5	3	69	207	
23	I H0069E	CR 46	SH 44	664	1.250	666A	1.854			2.614	3	43	129	0.5	3	43	129	
24	SH0044	FM 1694	FM 2292	552	0.450	556	1.485	124.357	129.246	4.889	3	150	450	1.0	3	150	450	
25	SH0044	JIM WELLS	CR 105	532	0.000	532	1.064	103.790	104.854	1.064	3	14	42	0.5	3	14	42	
26	SH0044	FM 70	CONCHO RD	534	0.144	546	1.722	105.872	119.488	13.616	3	175	525	1.5	3	175	525	
27	SH0044	US 77	0.1 MI. E.	548	2.549	552	0.550	122.271	124.457	2.186	3	13	39	0.5	3	13	39	
28	SH0286	OSO CREEK	FM 70	620	3.349	630	1.426	7.519	15.200	7.681	3	100	300	1.0	3	100	300	
29	SH0361	PORT	PR 22	626	-0.935	638	1.531	20.843	35.288	14.445	3	64	192	0.5	3	64	192	
30		SH 44	CR 36	668	-0.339	670	0.356	426.566	428.733	2.167	3	126	378	1.0	3	126	378	
31	US0077	CR 36	DRISCOLL	670	0.356	676	1.626	428.733	436.000	7.267	3	111	333	1.0	3	111	333	
32	DITCH "A"	FROM: US 7	7 TO: CR 48					-		•	3	6	18	0.5		1 1		
33			389 TO: 1.75	D' East							3	2	6	0.5		1 1		
									TOTALS	211.110	-	2,174	6,522	22.0		1.046	3,13	

# PROJECT LIMITS



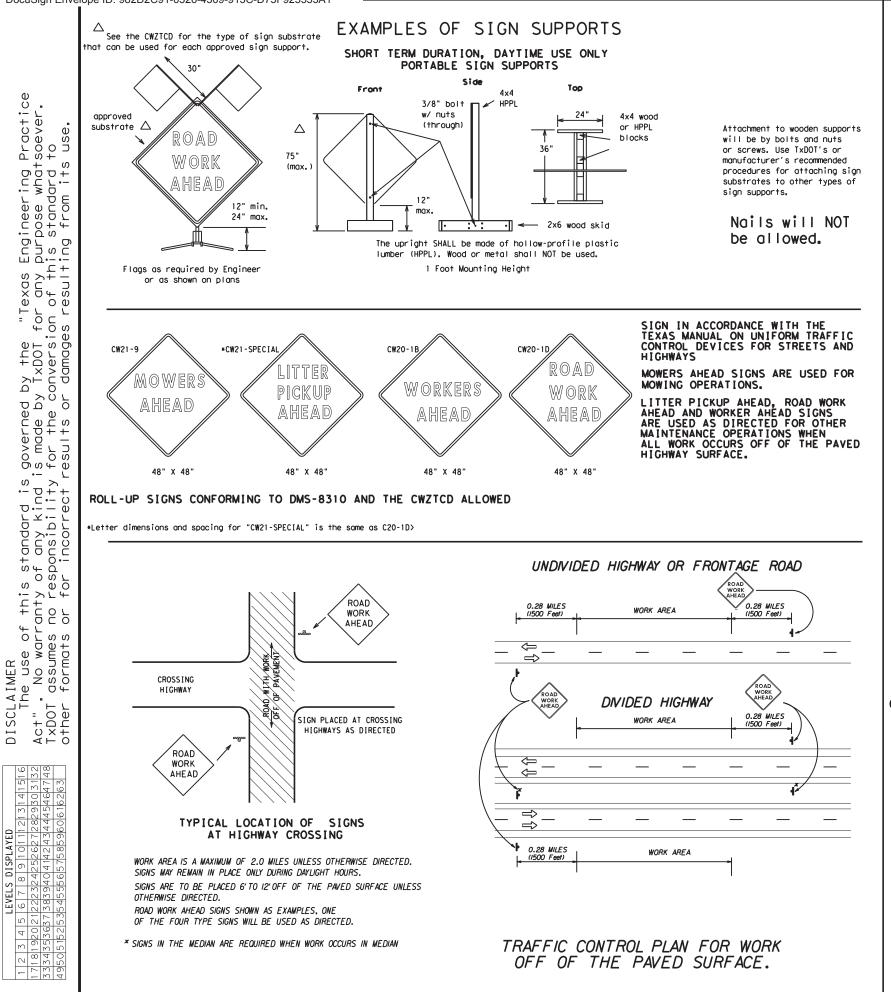
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DISPLAYED

EVELS 1



### GENERAL NOTES FOR WORK ZONE SIGNS

- 1. Contractor shall install and maintain signs in a straight and plumb condition and/or as directed by the Engineer.
- Wooden sign posts shall be painted white. 2.
- Barricades shall NOT be used as sign supports. 3.
- Nails shall NOT be used to attach signs to any support. 4.
- 5.
- quide the traveling public safely through the work zone. 6.
- can verify the correct procedures are being followed.
- 9.
- for identification shall be 1".

- 3.

- SIGN LETTERS

### REMOVING OR COVERING

- 2.
- 3. Signs and supports shall be removed by the end of the day.

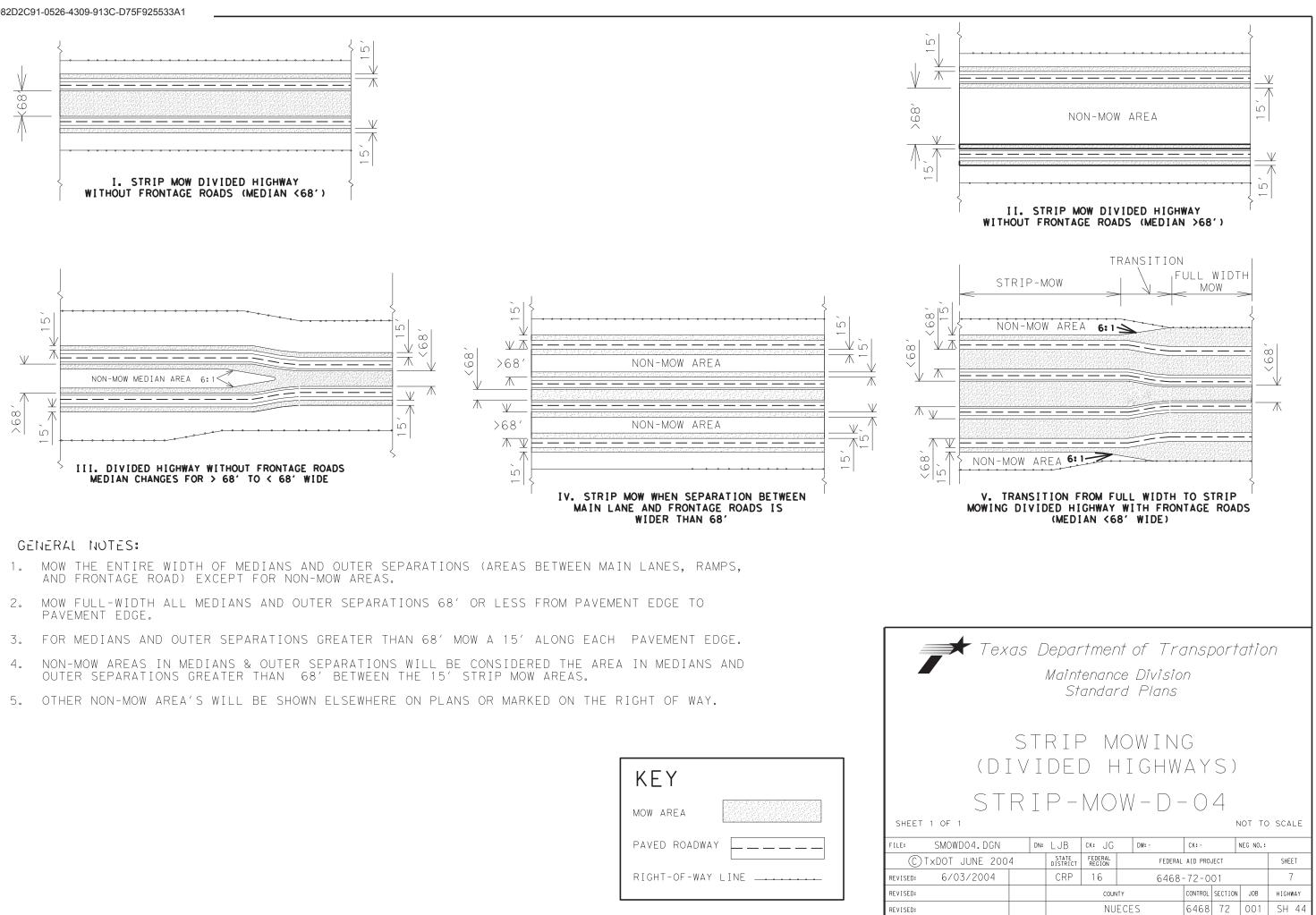
### SIGN SUPPORT WEIGHTS

- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8. supports. 9.

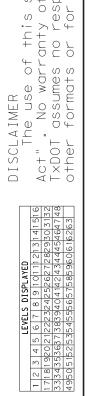
All signs shall be installed in accordance with the plans or as directed by the Engineer. Signs shall be used to regulate, warn, and The Contractor may furnish either the sign design shown in the plans or in the "Standard Highway Sign Designs for Texas" (SHSD). The Engineer/Inspector may require the Contractor to furnish other work zone signs that are shown in the TMUTCD but may have been omitted from the plans. Any variation in the plans shall be documented by written agreement between the Engineer and the Contractor's Responsible Person. All changes must be documented in writing before being implemented. This can include documenting the changes in the Inspector's TxDOT diary and having both the Inspector and Contractor initial and date the agreed upon changes. The additional signs requested by the Engineer/Inspector shall not be subsidiary. The Contractor shall furnish sign supports listed in the "Compliant Work Zone Traffic Control Device List" (CWZTCD). The Contractor shall install the sign support in accordance with the manufacturer's recommendations. If there is a question regarding installation procedures, the Contractor shall furnish the Engineer a copy of the manufacturer's installation recommendations so that the Engineer The Contractor is responsible for sign installations and replacing signs with damaged or cracked substrates and/or damaged or marred reflective sheeting as directed by the Engineer/Inspector. Identification markings may be shown only on the back of the sign substrate. The maximum height of letters and/or company logos used 10. The Contractor shall replace damaged wood posts. New or damaged wood sign posts shall not be spliced. Duration of Work (as defined by the "Texas Manual on Uniform Traffic Control Devices" Part VI) 1. The Contractor is responsible for ensuring the sign support and substrate meets crashworthiness. For mowing operation all signs and supportS are Short-term Duration for daytime work. 2. The Contractor shall furnish the sign sizes shown on this sheet or as directed by the Engineer. SIGN SUBSTRATES The Contractor shall ensure that the sign substrate is allowed for the type of sign support that is being used. The CWZICD lists each substrate that can be used on the different types and models of sign supports. "Mesh" type materials are NOT an approved sign substrate. All wooden individual sign panels fabricated from 2 or more pieces shall have one or more plywood cleat. 1/2" thick by 6" wide. fastened to the back of the sign and extending fully across the sign. The cleat shall be attached to the back of the sign using wood screws that do not penetrate the face of the sign panel. The screws shall be placed on both sides of the splice and spaced at 6" centers. The Engineer may approve other methods of splicing the sign faces. REFLECTIVE SHEETING Reflectorized signs shall be constructed of sheeting meeting the color and retro-reflectivity requirements of DMS-8300 or DMS-8310. The DMS specifications can be accessed from the following web address: http://manuals.dot.state.tx.us:80/dynaweb/colmates/@Generic\_CollectionView;cs=default;ts=default White sheeting, meeting the requirements of DMS-8300 Type C (High Specific Intensity), shall be used for signs with white background and channelizing devices. Orange sheeting, meeting the requirements of DMS-8300 Type E (Fluorescent Prismatic), shall be used for signs with orange backgrounds. 1. All sign letters and numbers shall be clear, and open rounded type uppercase alphabet letters as approved by the Federal Highway Administration (FHWA) and as published in the "Standard Highway Sign Design for Texas" manual. Signs, letters and numbers shall be of first class workmanship in accordance with Department Standards and Specifications. Signs should be removed or completely covered when not mowing. Duct tape or other adhesive material shall NOT be affixed to a sign face. Where sign supports require the use of weights to keep from turning over, the use of sandbags with dry cohesionless sand is recommended. The sandbags will be tied shut to keep the sand from spilling and to maintain a constant weight. Rock, concrete, iron, steel or other solid objects will not be permitted for use as sign support weights. Sandbags should weigh a minimum of 35 lbs and a maximum of 50 lbs. Sandbags shall be made of a durable material that tears upon vehicular impact. Rubber (such as tire inner tubes) shall NOT be used for sandbags. Rubber ballasts (such as those used with cones or edgeline channelizers) shall NOT be used as sign support weights. Sandbags shall only be placed along or laid over the base supports of the traffic control device and shall not be suspended above ground level or hung with rope, wire, chains or other fasteners. Sandbaas shall be placed along the length of the skids to weigh down the sign Sandbaas shall NOT be placed under the skid and shall not be used to level sign supports placed on slopes. CONTRACTOR REQUIREMENTS FOR MAINTAINING PERMANENT SIGNS WITHIN THE PROJECT LIMITS Any sign, sign support or traffic control device that is struck or damaged by the Contractor or his/her construction equipment shall be replaced or repaired as soon as possible by the Contractor at the Contractor's expense. Only pre-qualified products shall be used. A copy of the "Compliant Work Zone Traffic Control Devices List" (CWZTCD) Texas Department of Transportation describes pre-aualified products and their sources and may be obtained by contacting: Maintenance Division Standards Engineer Standard Plans Traffic Operations Division - TE Texas Department of Transportation 125 Eost 11th Street Austin, Texas 78701-2483 Phone (512) 416-3120 ROADSIDE Fox (512) 416-3299 TRAFFIC CONTROL PLAN

Instructions to locate the "CWZTCD" on TxDOT website area

Start at website - www.dot.state.tx.us Click on "About TxDOT".	SHEET 1 OF 1		RS-TCP-05				NOT TO SCALE				
Click on "Organizational Chart",	FILE: RSTCP05.DGN	DN:	LJB	ск: JG	DW: -	СК:-		NEG NO.:			
Click on Traffic Operations Box, Click on "Campliant Work Zone Traffic Control Devices", Click on "View PDF",	© TxDOT FEBRUARY	2005	STATE DISTRICT	FEDERAL REGION	FEDERAL	RAL AID PROJECT			SHEET		
	REVISED: September 17, 2004		CRP	16	6468	-72-0	01		6		
Inis site is printable.	REVISED: FEBRUARY 2, 2005 Sign placement in TCP			COUNTY		CONTROL	SECTION	JOB	H]GHWAY		
	REVISED:			NUECE	S	6468	72	001	SH 44		



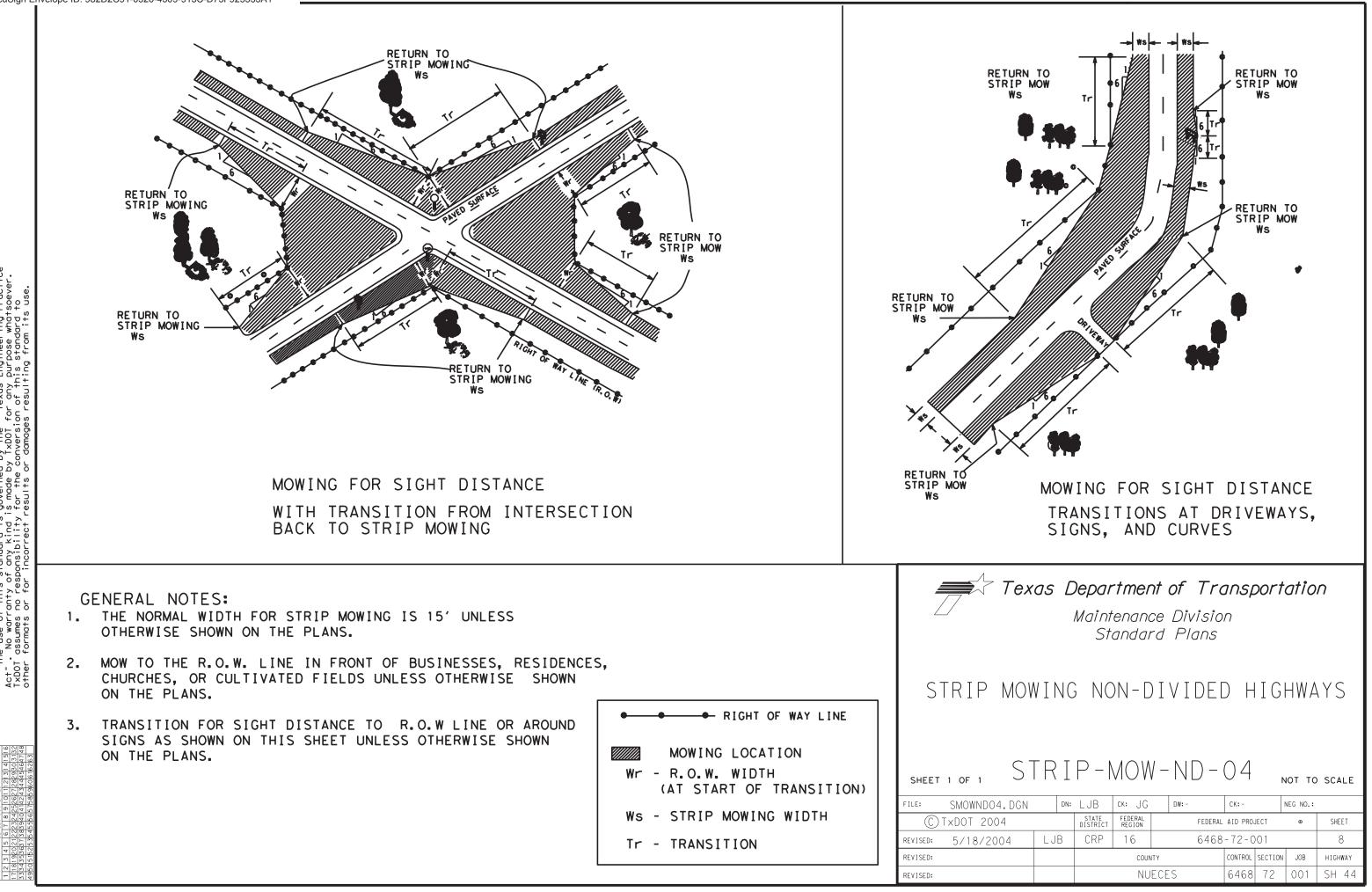
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		C
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		REVISED:



"Texas Engineering Practice or any purpose whatsoever. n of this standard to resulting from its use.

s standard is governed by the "Tey of any kind is made by TxDOT for c esponsibility for the conversion o-or incorrect results or damages res

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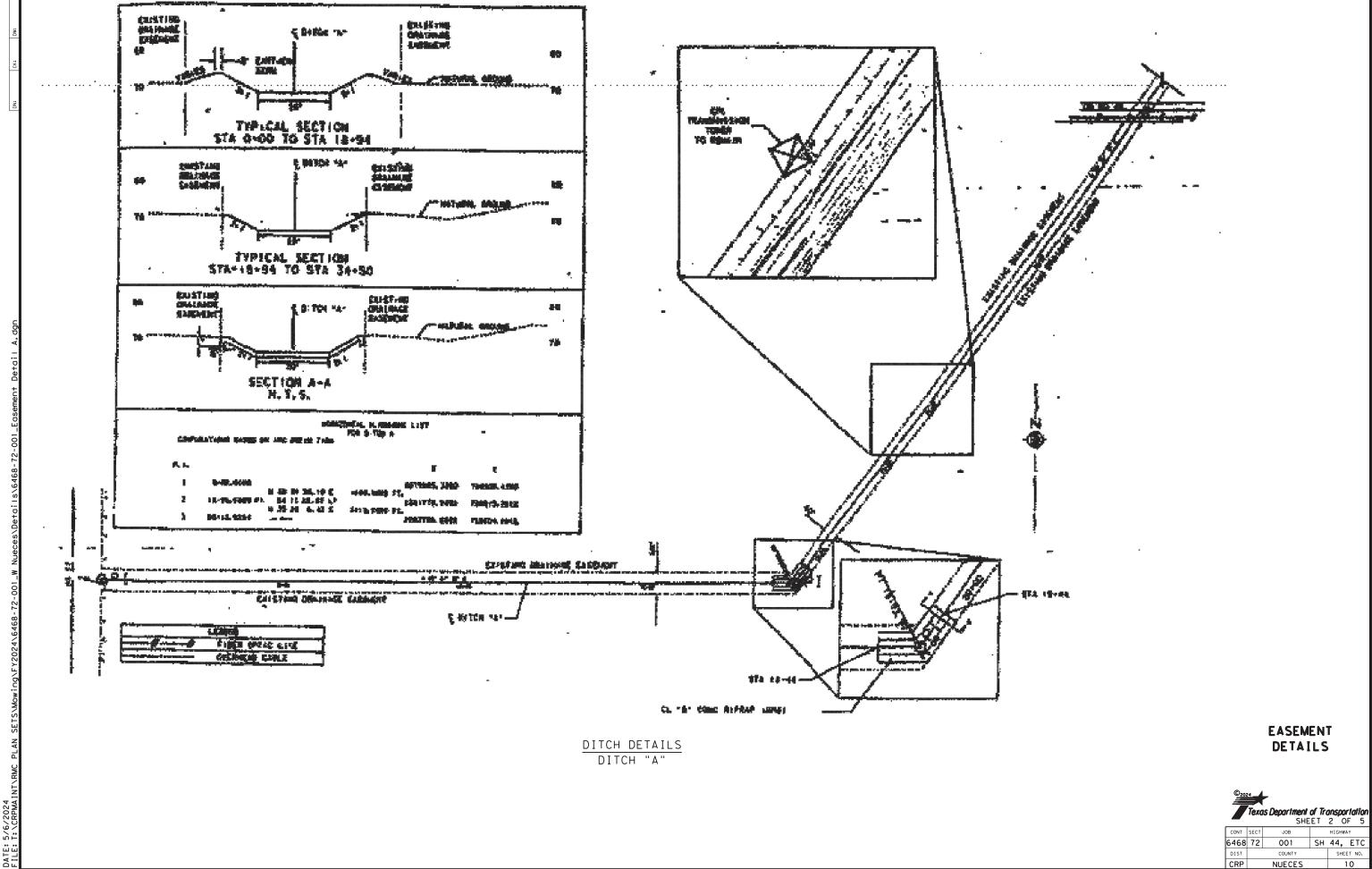


LOCATION MAP DITCH "A"



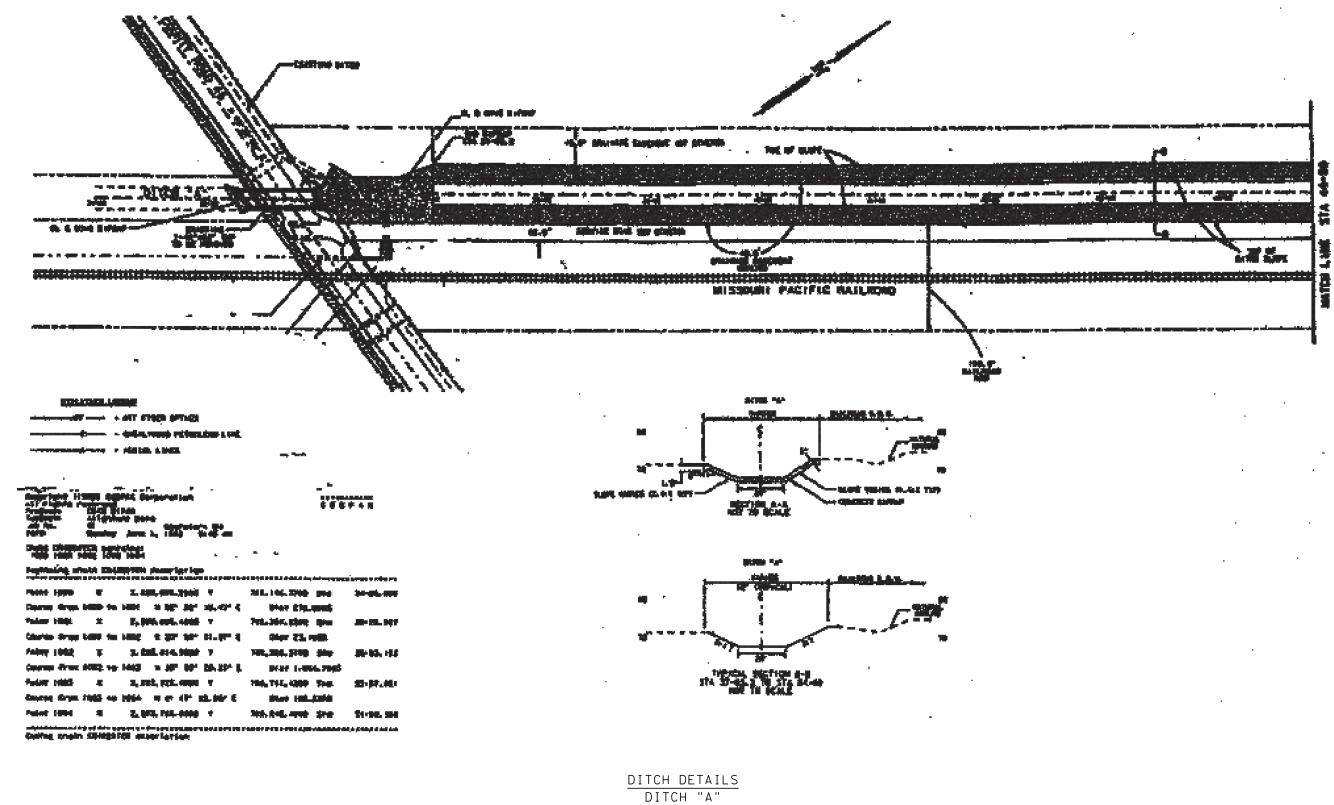
# EASEMENT DETAILS



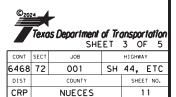


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DATE:

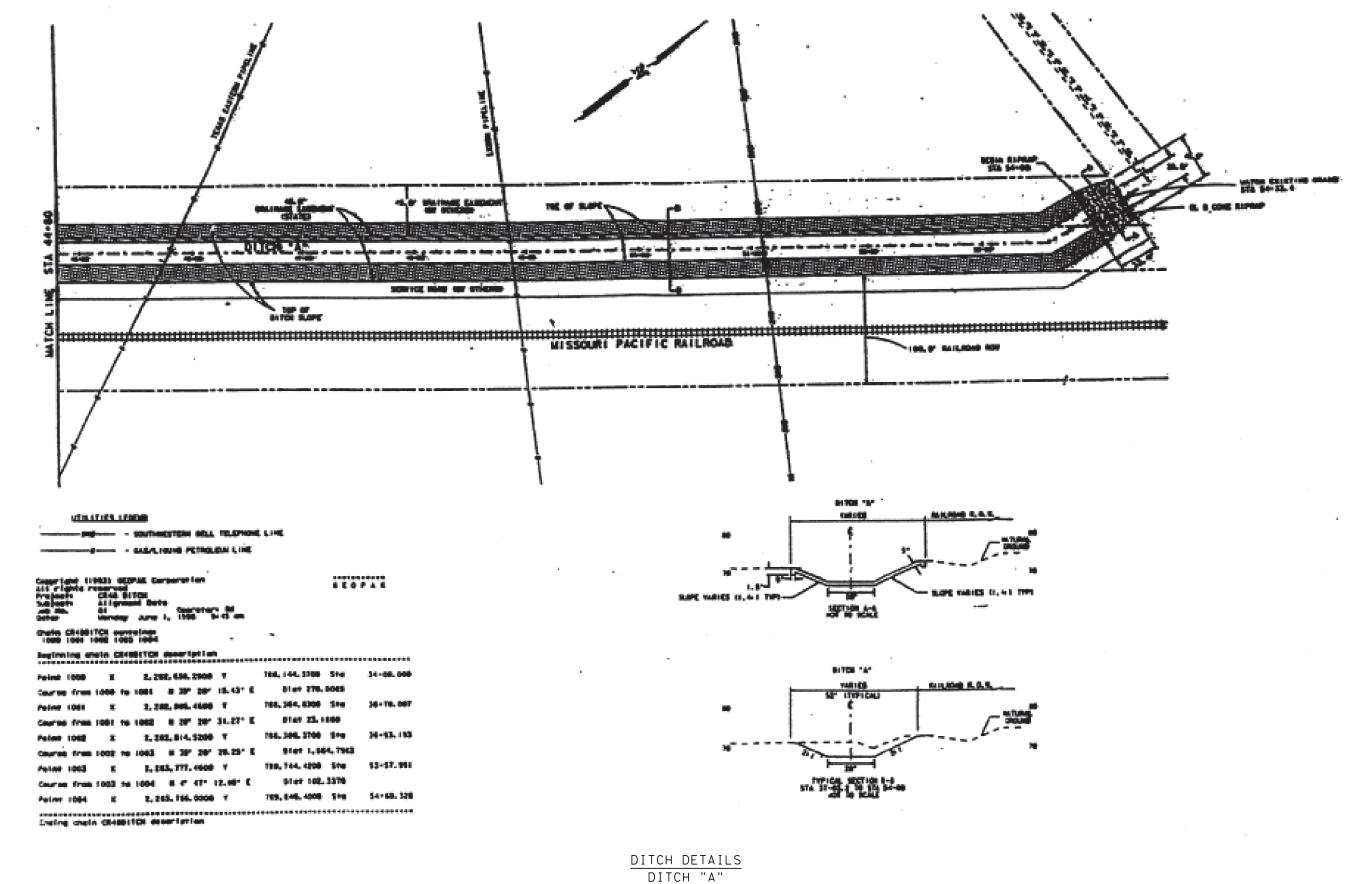


# EASEMENT DETAILS

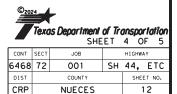


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DATE:









LOCATION MAP DITCH "B"

# EASEMENT DETAILS

