

SECTION	TECHNICAL EST. NO.	MAINTENANCE PROJECT NO.	SHEET NO.
6	RMC 6382-67-001		1
STATE	CRP	COUNTY	
TEXAS		GOLIAD	
ROUTE	SECT.	JOB	SECTION NO.
6382	67	001	US 59, ETC

AREA OF DISTURBED SOIL = 0.00 ACRES

**ORGANIZATION OF PLAN SHEETS**

- I. GENERAL
  - 1 TITLE SHEET
  - 2 - 3 GENERAL NOTES
  - 4 ESTIMATE & QUANTITY
  - 5 PROJECT SUMMARY
- II. TRAFFIC CONTROL PLAN
  - 6 \*RS-TCP-05

**STATE OF TEXAS  
DEPARTMENT OF TRANSPORTATION**

**PLANS OF PROPOSED  
HIGHWAY ROUTINE MAINTENANCE  
MAINTENANCE PROJECT NO. RMC 6382-67-001**

COUNTY: GOLIAD

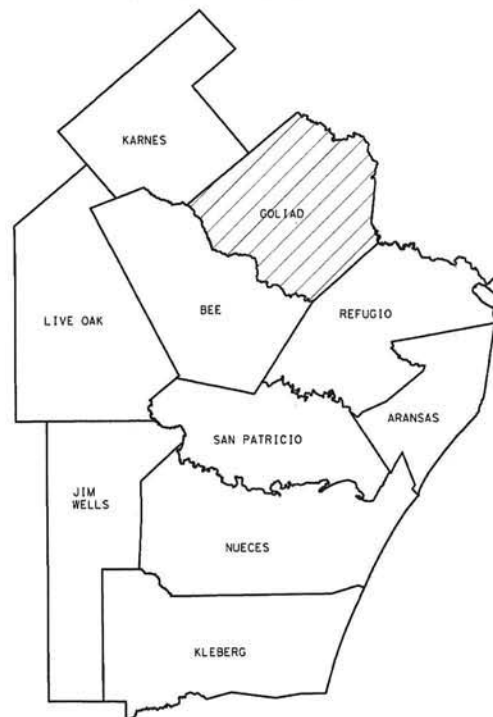
**US 59, ETC**

LIMITS: FROM: VARIOUS LOCATIONS  
TO:

NET LENGTH OF PROJECT: 270.237 MI.

WORK CONSISTING OF MOWING HIGHWAY RIGHT OF WAY

KARNES AREA OFFICE (6382-67-001)		
NICHOLAS NOVOSAD, P. E.	AREA ENGINEER	830-780-3993
	AREA OFFICE INSPECTOR	
	AREA OFFICE INSPECTOR	
	AREA OFFICE RECORDKEEPER	
GOLIAD MAINTENANCE (GOLIAD COUNTY)		
ERNEST PERRY	MAINTENANCE SUPERVISOR	361-645-3452
	MAINTENANCE INSPECTOR	
	MAINTENANCE INSPECTOR	



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

*Aurora G. Rodriguez* P.E.    4-22-2021  
DATE

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

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



DocuSigned by:  
*Armando Bosques*    *James Harris*  
B8B23CC13362472...    E2942450284E4E8...  
DIRECTOR OF OPERATIONS

DATE: 4/22/2021 FILE: T:\GDRMA\INT\BMC PLAN SETS\New\ng\T2021\xxxx-xx-001\*Goliad\6382-67-001\*1111eSheet.dgn

**Project Number:** RMC-638267001

**Sheet 2**

**County:** Goliad

**CSJ:** 6382-67-001

**Highway:** US 59, etc.

**GENERAL NOTES:**

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 Supervisors:

Goliad County: Ernest Perry [Ernest.Perry@txdot.gov](mailto:Ernest.Perry@txdot.gov) (Monday – Thursday)  
817 Pearl Street, Goliad, TX 77963

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

Nicholas Novosad, P.E., Karnes Area Engineer [Nick.Novosad@txdot.gov](mailto:Nick.Novosad@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 at the same time. 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 emailed to the following individual(s):

Nicholas Novosad, P.E., [Nick.Novosad@txdot.gov](mailto:Nick.Novosad@txdot.gov)

Contractor questions will only be accepted through email to the above individuals.

All pre-bid questions will be reviewed by the Area Engineer or Assistant Area Engineer. Once a response is developed, it will be posted to TxDOT's Public FTP at the following Address:

<https://ftp.dot.state.tx.us/pub/txdot-info/Pre-LettingResponses/>

**General Notes**

**Project Number:** RMC-638267001

**Sheet 2**

**County:** Goliad

**CSJ:** 6382-67-001

**Highway:** US 59, etc.

All pre-bid questions submitted that generate a response will be posted through this site. The site is organized by District, Project Type (Construction or Maintenance), Letting Date, CCSJ/Project Name.

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--658 "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.

**ITEM 500**

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.

**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.

**General Notes**

**Project Number:** RMC-638267001

**Sheet 3**

**County:** Goliad

**CSJ:** 6382-67-001

**Highway:** US 59, etc.

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.

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.

**General Notes**

**Project Number:** RMC-638267001

**Sheet 3**

**County:** Goliad

**CSJ:** 6382-67-001

**Highway:** US 59, etc.

#### **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

**General Notes**



Date: 8/26/15  
 File: 81515

PROJECT LIMITS AND ESTIMATED QUANTITIES - GOLIAD MAINTENANCE

TRACT NO.	HWY	LIMITS		FROM		TO		FROM	TO	LENGTH (MI)	ITEM 730-6002 FULL-WIDTH MOWING				ITEM 734-6001 LITTER REMOVAL		
		FROM	TO	RM	DISP	RM	DISP	DFO	DFO		NO. OF CYCLES	ACRES PER CYCLE	TOTAL ACRES	DAYS PER CYCLE	NO. OF CYCLES	ACRES PER CYCLE	TOTAL ACRES
1	BU0059	E. FANNIN CULDESAC	W. FANNIN CULDESAC	N/A	N/A	N/A	N/A	N/A	N/A	0.814	3	5	15	0.5	0	0	0
2	FM0081	FM 2773	KARNES C/L	548	1.365	560	0.000	25.352	35.282	9.930	3	73	219	1.0	0	0	0
3	FM0081	KARNES C/L	SH 239	560	0.000	562	1.097	35.282	38.376	3.094	3	35	105	0.5	0	0	0
4	FM0622	US 183	VICTORIA C/L	560	-0.052	574	1.105	0.000	15.112	15.112	3	89	267	1.0	0	0	0
5	FM0883	BEE C/L	US 59	538	1.167	554	0.693	1.195	15.878	14.683	3	119	357	1.0	0	0	0
6	FM0884	DEWITT C/L	FM 81	538	0.000	558	-0.201	5.647	25.471	19.824	3	131	393	1.0	0	0	0
7	FM0885	FM 81	END MAINTENANCE	536	-0.047	538	1.359	0.000	3.358	3.358	3	23	69	0.5	0	0	0
8	FM1020	FM 81	END MAINTENANCE	540	-0.065	544	1.023	0.000	5.021	5.021	3	31	93	0.5	0	0	0
9	FM1351	FM 883	US 59	544	-0.040	560	0.790	0.000	16.730	16.730	3	139	417	1.0	0	0	0
10	FM1726	FM 884	US 59	542	-0.046	554	0.320	0.000	12.320	12.320	3	72	216	1.0	0	0	0
11	FM1961	FM 884	FM 622	556	-0.138	568	1.377	0.000	13.387	13.387	3	92	276	1.0	0	0	0
12	FM2043	SH 239	SH 239	552	-0.067	560	0.433	0.000	8.444	8.444	3	59	177	0.5	0	0	0
13	FM2441	US 183	END MAINTENANCE	554	-0.034	562	0.134	0.000	8.122	8.122	3	75	225	1.0	0	0	0
14	FM2442	SH 239	FM 883	546	-0.048	554	0.412	0.000	8.400	8.400	3	71	213	1.0	0	0	0
15	FM2506	US 59	END MAINTENANCE	548	-0.036	554	0.113	0.000	6.103	6.103	3	48	144	0.5	0	0	0
16	FM2987	BEGIN MAINTENANCE	US 59	544	-0.037	548	0.732	0.000	4.742	4.742	3	40	120	0.5	0	0	0
17	SH0072	SH 239	DEWITT C/L	548	0.937	562	0.000	74.273	86.142	11.869	3	99	297	1.0	3	99	297
18	SH0119	DEWITT C/L	US 183	556	0.554	566	0.150	40.834	48.994	8.160	3	46	138	0.5	3	46	138
19	SH0239	SH 72	KARNES C/L	534	-0.134	546	0.000	0.000	10.197	10.197	3	80	240	1.0	3	80	240
20	SH0239	KARNES C/L	US 59	546	0.000	562	2.016	10.197	28.167	17.970	3	185	555	1.5	3	185	555
21	SH0239	US 183	REFUGIO C/L	562	6.105	580	0.000	32.256	47.253	14.997	3	145	435	1.5	3	145	435
22	SL0071	US 183	US 183	557	-0.016	557	0.621	0.000	0.637	0.637	3	3	9	0.5	0	0	0
23	US0059	VICTORIA C/L	GOLIAD CITY LIMITS	650	0.281	666	-0.755	442.900	455.952	13.052	3	223	669	2.0	3	223	669
24	US0059	GOLIAD CITY LIMITS	BEE C/L	666	0.427	682	0.686	457.134	473.213	16.079	3	113	339	1.0	3	113	339
25	US0183	DEWITT C/L	GOLIAD CITY LIMITS	624	0.206	642	-0.395	432.269	447.737	15.468	3	133	399	1.0	3	133	399
26	US0183	GOLIAD CITY LIMITS	END MAINTENANCE	642	0.728	654	0.429	448.860	460.584	11.724	3	104	312	1.0	3	104	312
TOTALS										270.237	-	2,233	6,699	23.5	-	1,128	3,384

PROJECT LIMITS



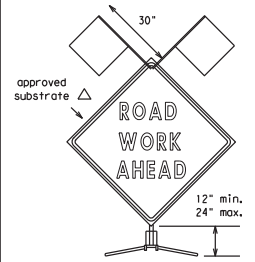
CONT	SECT	JOB	HIGHWAY
6382	67	001	US 59, ETC
DIST	COUNTY	SHEET NO.	
CRP	GOLIAD	5	

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

**LEVELS DISPLAYED**  
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

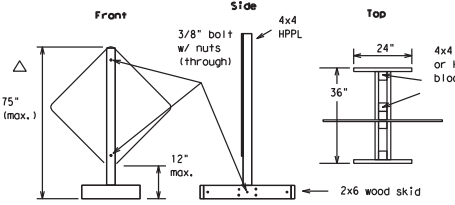
**EXAMPLES OF SIGN SUPPORTS**

△ See the CWZTCD for the type of sign substrate that can be used for each approved sign support.



Flags as required by Engineer or as shown on plans

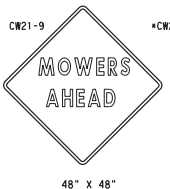
**SHORT TERM DURATION, DAYTIME USE ONLY PORTABLE SIGN SUPPORTS**



The upright SHALL be made of hollow-profile plastic lumber (HPPL). Wood or metal shall NOT be used.  
1 Foot Mounting Height

Attachment to wooden supports will be by bolts and nuts or screws. Use TxDOT's or manufacturer's recommended procedures for attaching sign substrates to other types of sign supports.

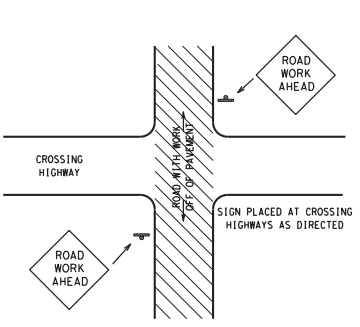
**Nails will NOT be allowed.**



**SIGN IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS**  
**MOWERS AHEAD SIGNS ARE USED FOR MOWING OPERATIONS.**  
**LITTER PICKUP AHEAD, ROAD WORK AHEAD AND WORKER AHEAD SIGNS ARE USED AS DIRECTED FOR OTHER MAINTENANCE OPERATIONS WHEN ALL WORK OCCURS OFF OF THE PAVED HIGHWAY SURFACE.**

**ROLL-UP SIGNS CONFORMING TO DMS-8310 AND THE CWZTCD ALLOWED**

\*Letter dimensions and spacing for "CW21-SPECIAL" is the same as C20-1D

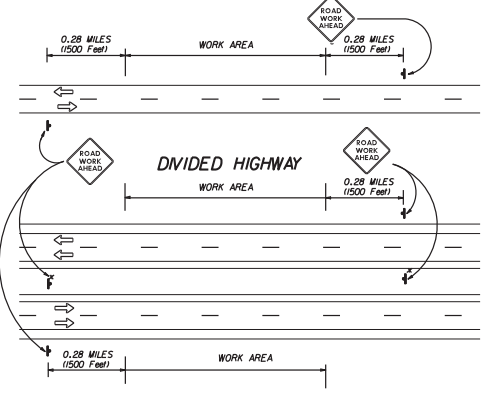


**TYPICAL LOCATION OF SIGNS AT HIGHWAY CROSSING**

WORK AREA IS A MAXIMUM OF 2.0 MILES UNLESS OTHERWISE DIRECTED. SIGNS MAY REMAIN IN PLACE ONLY DURING DAYLIGHT HOURS. SIGNS ARE TO BE PLACED 6' TO 12' OFF OF THE PAVED SURFACE UNLESS OTHERWISE DIRECTED. ROAD WORK AHEAD SIGNS SHOWN AS EXAMPLES. ONE OF THE FOUR TYPE SIGNS WILL BE USED AS DIRECTED.

\* SIGNS IN THE MEDIAN ARE REQUIRED WHEN WORK OCCURS IN MEDIAN

**UNDIVIDED HIGHWAY OR FRONTAGE ROAD**



**TRAFFIC CONTROL PLAN FOR WORK OFF OF THE PAVED SURFACE.**

**GENERAL NOTES FOR WORK ZONE SIGNS**

- Contractor shall install and maintain signs in a straight and plumb condition and/or as directed by the Engineer.
- Wooden sign posts shall be painted white.
- Barriocades shall NOT be used as sign supports.
- Nails shall NOT be used to attach signs to any support.
- All signs shall be installed in accordance with the plans or as directed by the Engineer. Signs shall be used to regulate, warn, and guide the traveling public safely through the work zone.
- 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 TMDOT 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 can verify the correct procedures are being followed.
- 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 for identification shall be 1".
- 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)**

- 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.
- 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 CWZTCD lists each substrate that can be used on the different types and models of sign supports.
- "Mesh" type materials are NOT an approved sign substrate.
- 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 go through 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/dynweb/colmatres/#Generic\\_CollectionView;cs=default;ts=default](http://manuals.dot.state.tx.us/80/dynweb/colmatres/#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.

**SIGN LETTERS**

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

**REMOVING OR COVERING**

- Signs should be removed or completely covered when not mowing.
- Duct tape or other adhesive material shall NOT be affixed to a sign face.
- Signs and supports shall be removed by the end of the day.

**SIGN SUPPORT WEIGHTS**

- 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. Sandbags shall be placed along the length of the skids to weigh down the sign supports.
- Sandbags 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) describes pre-qualified products and their sources and may be obtained by contacting:

**Standards Engineer**  
 Traffic Operations Division - TE  
 Texas Department of Transportation  
 125 East 11th Street  
 Austin, Texas 78701-2483  
 Phone (512) 416-3120  
 Fax (512) 416-3299

Instructions to locate the "CWZTCD" on TxDOT website are:

Start at website - [www.dot.state.tx.us](http://www.dot.state.tx.us)  
 Click on "About TxDOT",  
 Click on "Organizational Chart",  
 Click on "Traffic Operations Box",  
 Click on "Compliant Work Zone Traffic Control Devices",  
 Click on "View PDF".  
 This site is printable.

**Texas Department of Transportation**  
 Maintenance Division  
 Standard Plans

**ROADSIDE TRAFFIC CONTROL PLAN**

SHEET 1 OF 1      RS-TCP-05      NOT TO SCALE

FILE#	RSTCP05.DGN	DRW	LJB	CHK	JG	DES	CHK	REV	NO.
©TxDOT	FEBRUARY 2005	DATE	STATE	FEDERAL	REGION	FEDERAL AID PROJECT	N/A		SHEET
REVISED:	SEPTEMBER 17, 2004		16	N/A					6
REVISED:	FEBRUARY 9, 2005				COUNTY	CONTROL SECTION	JOB	HIGHWAY	
REVISED:					GOLIAD	6382	67	001	US 59, ETC.