SHEET INDEX OF SHEETS DESCRIPTION

GENERAL

- TITLE SHEET
- 2 LOCATION MAP ZAVALA CO.
- 3 LOCATION MAP DIMMIT CO.
- 4-5 GENERAL NOTES
- 6 ESTIMATE & QUANTITY SHEET
- 7 SUMMARY OF TRACTS & QUANTITIES ZAVALA CO.
- 8 SUMMARY OF TRACTS & QUANTITIES DIMMIT CO.

STANDARD SHEETS

- 9 SWEEP-04
- 10 TCP(3-1)-13
- 11 TCP(3-2)-13

STATE OF TEXAS TEXAS DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED

HIGHWAY ROUTINE MAINTENANCE CONTRACT

PROJECT NO. RMC: 6421-21-001

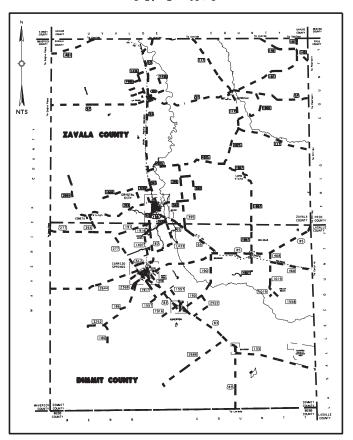
PROJECT LENGTH : VARIOUS

PROJECT LIMITS : VARIOUS

COUNTY : DIMMIT AND ZAVALA

HIGHWAY :US 83, ETC.

FOR THE CLEANING & SWEEPING OF HIGHWAYS & LITTER PICK UP





<u> </u>	INAL PLANS
Letting Date	<u>:</u>
Work Began	:
Date Accepted	:
Contractor	<u>:</u>
Total Cost	1

TEXAS DEPARTMENT OF TRANSPORTATION

SUBMITTED 9/12/2022

APPROVED 9/21/2022

— Docusigned by: Cynthia M.Saldana

Maribel Kangel

DIRECTOR OF MAINTENANCE

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COUNTY

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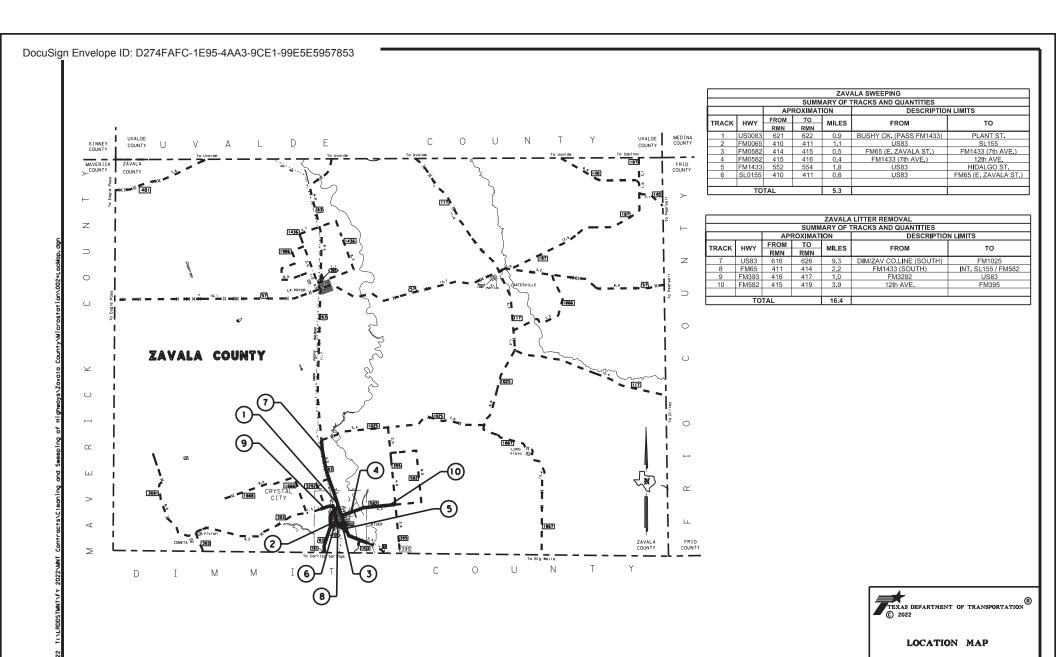
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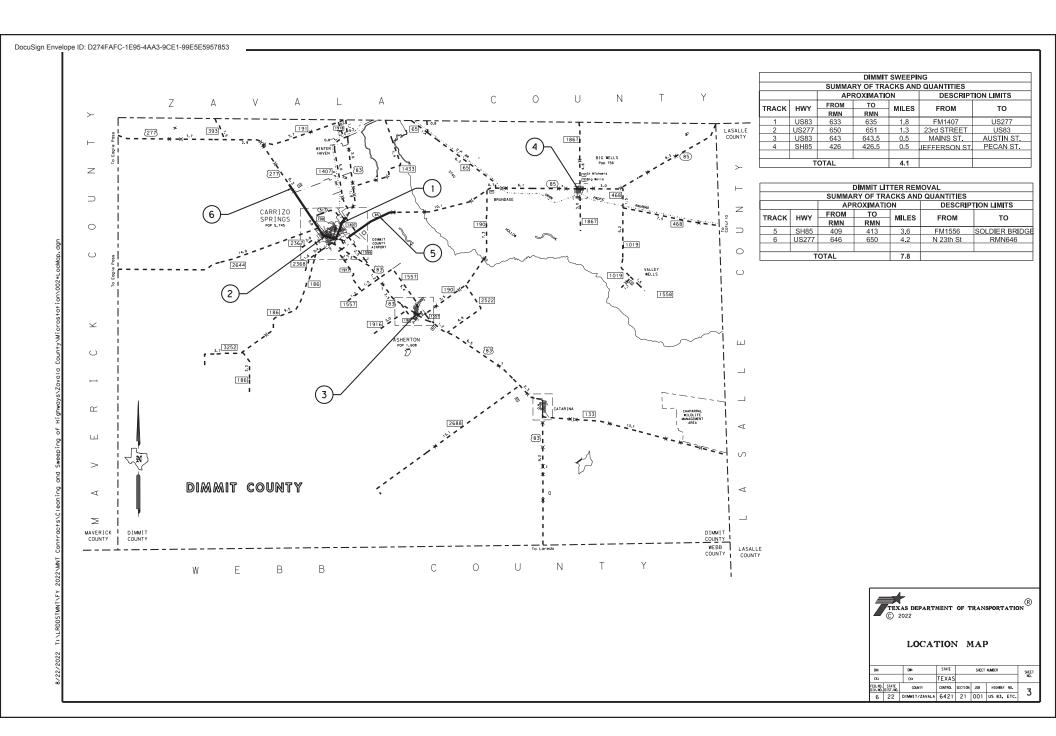


SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION, NOVEMBER 1,2014 AND SPECIFICATION ITEMS LISTED AND DATED AS FOLLOWS, SHALL GOVERN ON THIS PROJECT.

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FED. RO. STATE DIV. NO. DIST. NO. COUNTY CONTROL SECTION JOB HIGHBAY NO. 6 22 DIMMIT/ZAYALA 6421 21 001 US 83. ETC.



GENERAL NOTES:

The contract becomes effective upon receipt of a work authorization letter by the Engineer and covers one (1) years. Provide sufficient staff to concurrently pursue each contract in the event that additional sweeping/litter contracts are awarded to the same contractor. Provide and maintain an e-mail address for receipt of work order and correspondence throughout the term of this contract.

Contractor questions on this project are to be emailed to the following individual(s):Irazema Cavazos at Irazema.Cavazos@txdot.gov

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

All contracto's questions will be reviewed by the 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-Letting Responses/

All questions submitted that generate a response will be posted through this site. This site is organized by: District, Project type (Construction or Maintenance), Letting Date, CCSJ/Project Name.

Plans may be reviewed at Laredo District office of the Texas Department of Transportation, 1817 Bob Bullock, Laredo, Texas 78043. The contact person is Irazema Cavazos at Irazema. Cavazos@txdot.gov

Questions concerning the specifications, work requirements, etc. of this contract should be directed to Rogelio Chapa, E.I.T, at Rogelio Chapa@txdot.gov.

Once work has started on any type of cycle of work, continuously prosecute the work until all work on that cycle is satisfactorily completed. Repair and/or replace damaged rails, sign posts, etc., caused by the Contractor's actions during the performance of work. Complete repairs within a time limit as determined by the Engineer.

When the contract is extended by agreement, a performance and/or payment bond, if required, shall be executed in the amount of the extension before the additional work begins.

When notified by work order for request of service, begin physical work within 10 business days of notification and work continuously to completing tracts assigned.

Notify the Engineer's office by telephone each morning by 8:15 a.m. that work is scheduled, with work location and time of arrival or reason for not working that day.

Liquidated damages will be assessed per work order(s) which exceed the total allocated work days for tracts assigned on work order. In the event that job performance is not to the satisfaction of the Engineer, sub marginal work is subject to special provision "Schedule of Liquidated Damages".

SUPERVISION:

The Engineer's representative in charge of all work in this contract is the maintenance section supervisor listed below. The Pre-Work Meeting will be held at this location and all requests for payment are certified by this office.

Dimmit County Juan D. Moreno 2001 N. 1st St. Carrizo Springs, Tx 78834 830.876.2535 Zavala County Arnulfo Longoria, Jr. 544 West US57 LaPryor, TX 78872 830.365.4211

Work must commence within two weeks of work order letter to contractor. Work per tract has to be completed in the number of days listed on the summary of tracts and quantities sheet (weather permitting) or less. Contractor must work continuously to complete items on tracts called out (with exception of Saturday, Sundays or National Holidays) unless approved by the Maintenance Supervisor. Approval by Maintenance Supervisor for non-continual work on tracts does not relieve the Contractor from completing work by original tract completion date.

LIMITS:

Cover the roadways and limits as shown on the plans.

ITEM 4 SCOPE OF WORK:

If agreed upon in writing by both parties to the Contract, the Contract may be extended for an additional period of time not to exceed the original Contract time period. The extended Contract shall be for the original bid quantities, terms and conditions plus any approved, applicable change orders.

ITEM 7 LEGAL RELATIONS & RESPONSIBILITIES;

Roadway closures during the following key dates and/or special events are prohibited: January 1, the last Monday in May, July 4, the first Monday in September, the fourth Thursday in November, and December 24 or 25.

ITEM 502 BARRICADES. SIGNS AND TRAFFIC HANDLING:

Furnish and install all signs, barricades and other incidentals necessary for proper traffic control, in accordance with part VI of the "Texas Manual on Uniform traffic Control Devices for Streets and Highways" and in accordance with the standard plan sheets. Provide a truck-mounted attenuator (TMA) for the shadow vehicle and trail vehicles per standard. A minimum of two (2), truck-mounted attenuators are needed for all work operations. Additional devices may be needed to supplement these requirements. All warning signs shall be factory made and in satisfactory condition. Each sign will have two safety flags attached to it at all times. It will not be permissible to hang or lean these sign on or against the State's sign post, guardrails, bridge rail, etc. All traffic control devices shall be provided by the contractor. Traffic control shall not be paid for directly, but shall be subsidiary to pertinent bid items.



(N:		ORI	STATE			SHEET		
CK:		CX:	TEXAS					NO.
FED. RD. DIV. NO.	STATE DIST. NO.	COUNTY	CONTROL	SECTION	J08	H]CHWAY	NO.	A
6	22	D [MAIT/ZAYALA	6421	21	001	US 83,	ETC.	4

Report and deliver all lost and found items to the Engineer. Employees are required to wear proper safety equipment. Contractor is responsible for supplying proper safety equipment for employees.

ITEM 734 LITTER REMOVAL:

Begin removing litter ten business days after notification. Refer to the 2014 "Standard Specifications for Construction and Maintenance of Highways, Streets, Bridges" for additional information. Remove all litter from the entire ROW, including all shoulders but excluding the traveled lanes.

ITEM 738 CLEANING AND SWEEPING HIGHWAYS

Disposal of any collected debris at a state-approved landfill site is mandatory and no exceptions will be allowed.

Provide a minimum of 2 fully operational sweepers during each scheduled working day for this contract. No exceptions will be considered without a written request.

Loose aggregate accumulated by traffic barrier, raised medians, rail, etc. will be removed from the roadway. This work will be considered subsidiary to Item 738 "Cleaning and Sweeping Highways"

Whole tires, rubber and scrap metal debris picked up from the ROW may be disposed of at the respective Maintenance Office in accordance with applicable federal, state, and local regulations.

Refer to the 2014 "Standard Specifications for Construction and Maintenance of Highways, Streets, Bridges" for additional information.

ITEM 6185 TRUCK MOUNTED ATTENUATOR (TMA) AND TRAILER:

The total number of truck mounted attenuators (TMA) required when utilizing the traffic control standards are shown in the table below:

TCP 1 Series	Scenario	Required TMA
(3-1)-13	AII	2
(3-2)-13	All	3

Shadow vehicles equipped for truck mounted attenuators (TMA) for stationary operations must be available for use at any as determined by the Engineer.

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 TMA needed for the project for those times per plan requirements. Additional TMA's used that are not specified in the plans in which the Contractor expect compensations will require prior approval from the Engineer.



GENERAL NOTES

(N: DE:		D#:	STATE		SHEET			
Г	CK:		CK:	TEXAS				NO.
FE DI	D. RD. V. NO.	STATE DIST.NO.	COUNTY	CONTROL	SECTION	J08	HICHWAY NO.	5
Γ	6	22	DIMMIT/ZAYALA	6421	21	001	US 83, ETC.	כ

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Estimate & Quantity Sheet

CONTROLLING PROJECT ID 6421-21-001

DISTRICT Laredo HIGHWAY US0083 COUNTY Zavala

Report Created On: Aug 24, 2022 1:19:04 PM

		CONTROL SECTION	N JOB	6421-2	1-001		
		PROJ	ECT ID	A0019	0950	TOTAL EST.	
		CC	OUNTY	Zava	ala		TOTAL FINAL
		HIG	USO	083			
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL		
	734-6004	LITTER REMOVAL - TRACT (1)	AC	1,335.000		1,335.000	
	734-6005	LITTER REMOVAL - TRACT (2)	AC	672.000		672.000	
	738-6002	CLEANING / SWEEPING (CENTER MEDIAN)	MI	113.000		113.000	
	738-6004	CLEANING / SWEEPING (OUTSIDE MAIN LANE)	MI	113.000		113.000	
	6185-6005	TMA (MOBILE OPERATION)	DAY	117.000		117.000	



DISTRICT	COUNTY	CCSJ	SHEET
Laredo	Zavala	6421-21-001	6

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				ZAVALA SW	/EEPING			
		SUI	MMAR	Y OF TRACKS	S AND QUA	NTITI	ES	
						ITEM	738-6002	738-6004
TRACK	HWY	APPRO)	KIMATE TO	LIMITS DESC	RIPTION	DESC.	CLEANING SWEEPING (CENTER MEDIAN)	CLEANING SWEEPING (OUTSIDE MAINLANE)
#	"""	RMN	RMN	FROM	то	UNITS	MEDIAN)	MI MI
1	US0083	621	622	BUSHY CK. (PASS FM1433)		10.8	10.8	
2	FM0065	410	411	US83	SL155		13.2	13.2
3	FM0582	414	415	FM65 (E. ZAVALA ST.)	FM1433 (7th AVE.)		6.0	6.0
4	FM0582	415	416	FM1433 (7th AVE.)	12th AVE.		4.8	4.8
5	FM1433	552	554	US83	HIDALGO ST.		21.0	21.0
6	SL0155	410	411	US83	US83 FM65 (E. ZAVALA ST.)			7.6
						TOTAL	63.4	63.4

	FC	OR CONTR	ACTOR'S	INFORMA	TION		
CYCLES	TRACT TIME ALLOWANCE	APPROX ROADWAY LENGTH (INSIDE)	APPROX ROADWAY LENGTH (OUTSIDE)	APPROX FRONTAGE ROAD LENGTH	APPROX RAMP LENGTH	APPROX HANDWORK SWEEPING	TRACK SUM TOTAL
(PER YEAR)	(DAY)	(CL MI.)	(CL MI.)	(CL MI.)	(CL MI.)	SY	
12	0.25	0.90	0.90				1.8
12	0.25	1.1	1.1				2.2
12	0.25	0.50	0.50				1.0
12	0.25	0.40	0.40				8.0
12	0.25	1.75	1.75				3.5
12	0.25	0.63	0.63				1.3
	1.5	5.3	5.3	0.0	0.0	0.0	

			ZAV	ALA LIT	TER PICK-UP)				
	S	UMM	ARY (OF TRA	CKS AND QUA	ANTITIES				
							734-6004	FOR COI	NTRACTOR'S	INFORMATION
		APPI	гох.	LENGTH	DESCRIPT	ION LIMITS	LITTER REMOVAL- TRACT (1)	CYCLES	QUANTITY	ALLOWANCE TIME/TRACK
TRACK #	HIGHWAY	FROM RMN	TO RMN	МІ	FROM	то	AC	PER YEAR	AC/CYC	DAY(S)
7	US83	616	626	9.3	DIM/ZAV CO.LINE (SOUTH)	FM1025	1039.5	6	173.3	5
8	FM65	411	414	2.2	FM1433 (SOUTH)	INT. SL155 / FM582	113.0	6	18.8	1
9	FM393	416	417	1.0	FM3292	US83	43.6	6	7.3	0.5
10	FM582	415	419	3.9	12th AVE.	12th AVE. FM395		6	23.2	1
	TOTAL	s		16.4			1335.2		222.53	7.5



SUMMARY OF TRACT & QUANTITIES - ZAVALA CO.

(N:		DM:	STATE		SHEET NUMBER					
CK:		CX:	TEXAS				NO.			
FED. RO. DIV. NO.	STATE DIST.NO.	COUNTY	CONTROL	SECTION	J08	HICHMAY NO.	7			
6	22	DIMMIT/ZAYALA	6421	21	001	US 83, ETC.	•			

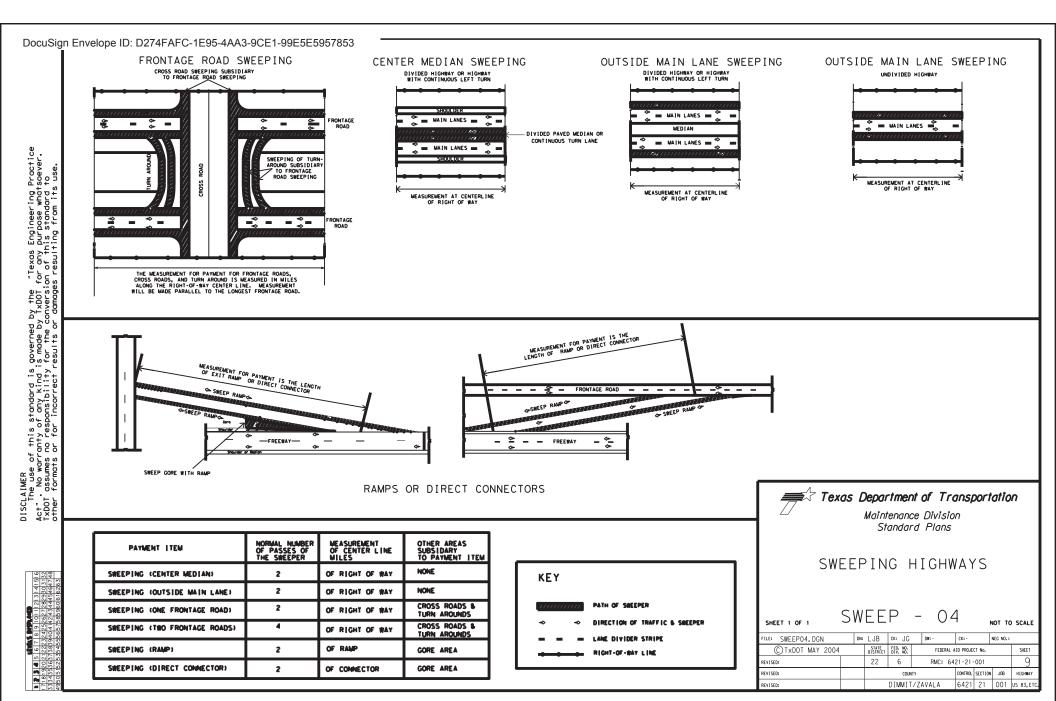
			D	IMMIT SWI	EEPING									
		SUMM	ARY C	F TRACKS	AND Q	JANTI	ITIES							
						ITEM	738-6002	738-6004]	FOR	CONTRACT	OR'S INFO	RMATION	
APPROXIMATE TRACK HWY FROM TO		LIMITS DESCRIPTION		DESC.	(CENTER	CLEANING SWEEPING (OUTSIDE MAINLANE)		CYCLES TRACT TIME		LENGTH	ROADWAY LENGTH	TOTAL		
#	HWI	RMN	RMN	FROM	то	UNITS	MEDIAN) MI	MI MI		(PER YEAR)	(DAY)	(CL MI.)	(OUTSIDE) (CL MI.)	
1	US83	633	635	FM1407	US277		21.6	21.6		12	0.50	1.8	1.8	3.6
2	US277	650	651	23rd STREET	US83		15.6	15.6		12	0.50	1.3	1.3	2.6
3	US83	643	643.5	MAINS ST.	AUSTIN ST.		6.0	6.0		12	0.25	0.5	0.5	1.0
4	SH85	426	426.5	JEFFERSON ST.	PECAN ST.		6.0	6.0		12	0.25	0.5	0.5	1.0
						TOTAL	49.2	49.2			1.5	4.1	4.1	

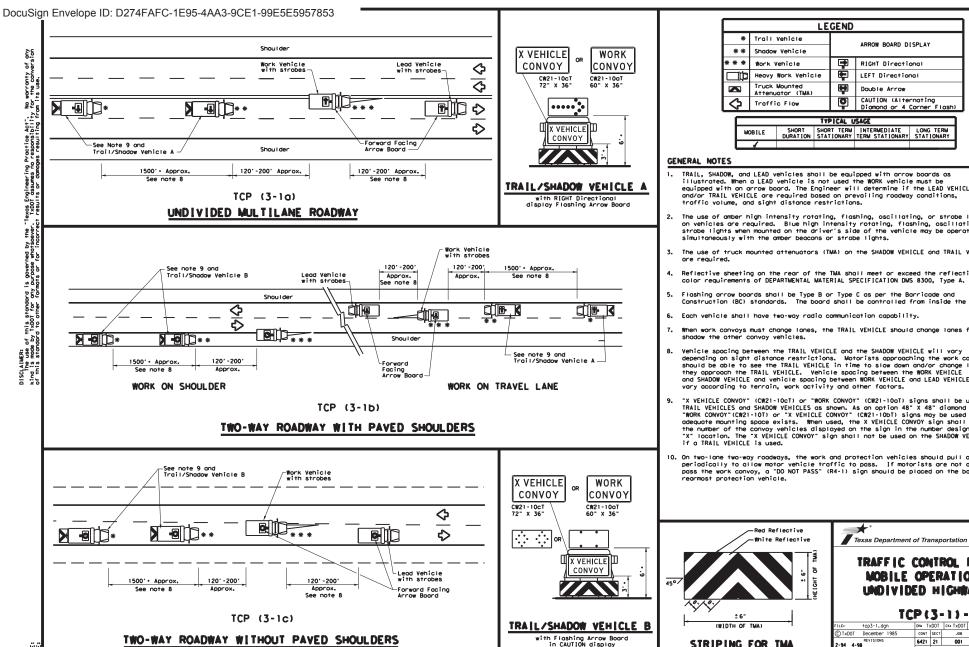
		D	IMMI	T LITTER	PICK-UP							
	SUMMARY OF TRACKS AND QUANTITIES								FOR CONTRACTOR'S INFORMATION			
							734-6004	FORCE	NIRACIORS	INFORMATION		
APPROX. LENGTH DESCRIPTION LIMITS				LITTER REMOVAL- TRACT (2)	CYCLES	QUANTITY	ALLOWANCE TIME/TRACK					
TRACK #	HIGHWAY	FROM RMN	TO RMN	МІ	FROM	то	AC	PER YEAR	AC/CYC	DAY(S)		
5	SH85	409	413	3.6	FM1556	SOLDIER BRIDGE	328.8	6	54.8	3		
6	US277	646	650	4.2	N 23th St	RMN646	342.7	6	57.1	3		
							0.0					
	TOTAL	_S		7.8			671.6		111.9	6		

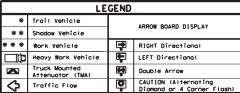


SUMMARY OF TRACT & QUANTITIES - DIMMIT CO.

DN:		D#:	STATE	SHEET NUMBER			SHEET
CK:		CK:	TEXAS				NO.
FED. RD. DIV. NO.	STATE DIST. NO.	COUNTY	CONTROL	SECTION	J08	HICHWAY NO.	8
6	22	DIMMIT/ZAVALA	6421	21	001	US 83, ETC.	0

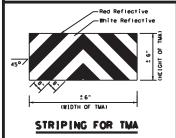






TYPICAL USAGE							
MOBILE	SHORT DURATION		INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY			
1							

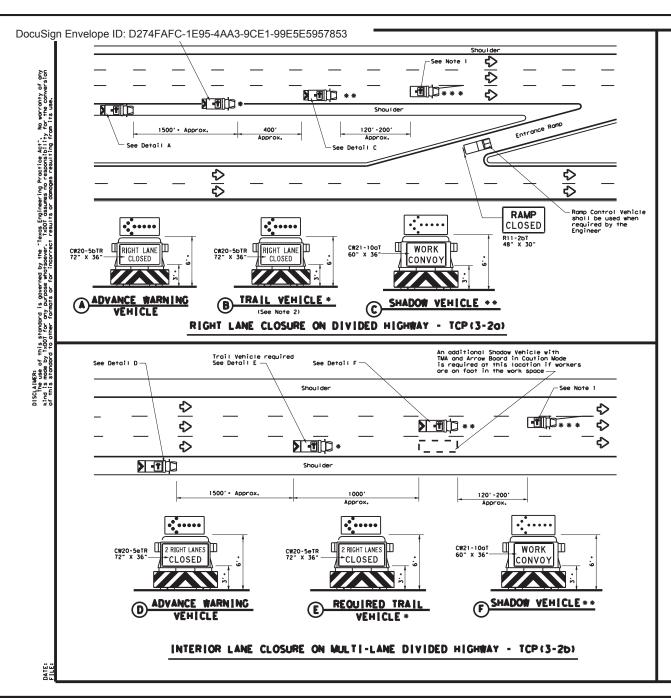
- TRAIL, SHADOW, and LEAD vehicles shall be equipped with arrow boards as illustrated. When a LEAD vehicle is not used the WORK vehicle must be equipped with an arrow board. The Engineer will determine if the LEAD VEHICLE and/or TRAIL VEHICLE are required based on prevailing roadway conditions.
- The use of amber high intensity rotating, flashing, oscillating, or strobe lights on vehicles are required. Blue high intensity rotating, flashing, oscillating or strobe lights when mounted on the driver's side of the vehicle may be operated
- The use of truck mounted attenuators (TMA) on the SHADOW VEHICLE and TRAIL VEHICLE
- Reflective sheeting on the rear of the TMA shall meet or exceed the reflectivity and color requirements of DEPARTMENTAL MATERIAL SPECIFICATION DMS 8300, Type A.
- Flashing arrow boards shall be Type B or Type C as per the Barricade and Construction (BC) standards. The board shall be controlled from inside the vehicle.
- Each vehicle shall have two-way radio communication capability.
- When work convoys must change lanes, the TRAIL VEHICLE should change lanes first to
- Vehicle spocing between the TRAIL VEHICLE and the SHADOW VEHICLE will vary depending on sight distance restrictions. Motorists approaching the work convoy should be able to see the TRAIL VEHICLE in time to slow down and/or change lanes as they approach the TRAIL VEHICLE. Vehicle spacing between the WORK VEHICLE and SHADOW VEHICLE and vehicle spacing between WORK VEHICLE and LEAD VEHICLE may vary according to terrain, work activity and other factors.
- "X VEHICLE CONVOY" (CW21-10cT) or "WORK CONVOY" (CW21-10cT) signs shall be used on TRAIL VEHICLES and SHADOW VEHICLES as shown, As an option 48" X 48" diamond shaped "WORK CONVOY" (CW21-10T) or "X VEHICLE CONVOY" (CW21-10DT) signs may be used where adequate mounting space exists. When used, the X VEHICLE CONVOY sign shall have the number of the convoy vehicles displayed on the sign in the number designation "X" location. The "X VEHICLE CONVOY" sign shall not be used on the SHADOW VEHICLE
- On two-lane two-way roadways, the work and protection vehicles should pull over periodically to allow motor vehicle traffic to pass. If motorists are not allowed to pass the work convoy, a "DO NOT PASS" (R4-1) sign should be placed on the back of the





TCP(3-1)-13

LE: tcp3-1.dgn	DN: T>	kD0T	CKI TXDOT	DW: Txl	DOT CK: TxDOT
TxDOT December 1985	CONT	SECT	JOB		HIGHWAY
REVISIONS -94 4-98	6421	21	001		US 83, ETC.
-95 7-13	DIST	COUNTY			SHEET NO.
-97	22		DIMMIT	ZAVALA	10

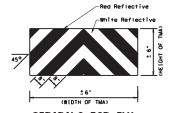


LEGEND							
*	Trail Vehicle		ARROW BOARD DISPLAY				
* *	Shadow Vehicle	ANNOW BUAND DISPLAY					
* * *	Work Vehicle	RIGHT Directional					
	Heavy Work Vehicle	F	LEFT Directional				
	Truck Mounted Attenuator (TMA)	•	Double Arrow				
♦	Traffic Flow	Ō	CAUTION (Alternating Diamond or 4 Corner Flash)				

TYPICAL USAGE							
MOBILE	SHORT DURATION		INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY			
1							

GENERAL NOTES

- ADVANCE MARNING, TRAIL & SHADOW vehicles shall be equipped with Type B
 or Type C flashing arrow boards as per the Borricade and Construction (BC)
 standards. Arrow boards on WORK vehicles will be optional based on the
 type of work being performed. The arrow boards shall be operated from
 inside the vehicle.
- For TCP(3-2a) the Engineer will determine if the TRAIL VEHICLE is required based on prevailing roadway conditions, traffic volume, & sight distance restrictions. All other vehicles shown for both TCP(3-2a) & TCP(3-2b) ore required.
- 3. The use of amber high intensity rotating, flashing, oscillating, or strobe lights on vehicles are required. Blue high intensity rotating, flashing, oscillating or strobe lights when mounted on the driver's side of the vehicle may be operated simultaneously with the amber beacons or strobe lights.
- The use of truck mounted attenuators (TMA) on the ADVANCE WARNING, SHADOW, & TRAIL vehicles are required.
- Reflective sheeting on the rear of the TMA shall meet or exceed the reflectivity and color requirements of DMS 8300, Type A.
- . Each vehicle shall have two-way radio communication capability.
- 7. When work convoys must change lanes, the TRAIL VEHICLE should change lanes first to shadow the other convoy vehicles.
- 8. Vehicle spocing between the TRAIL VEHICLE and the SHADOW VEHICLE will vary depending on sight distance restrictions. Motorists approaching the work convoy should be able to see the TRAIL VEHICLE in time to slow down and/or change lanes as they approach the TRAIL VEHICLE. Vehicle spacing between the MORK VEHICLE & SHADOW VEHICLE may vary according to terrain, work activity & other factors.
- Standard 48" X 48" diamond shaped warning signs with the same message as those shown may be used where adequate mounting space exists.
- 10. The signs shown should be used on the Advance Warning Vehicle. As an option, a portable changeoble message sign (PCMS) or a truck mounted changeoble message sign (TMMMS) with a minimum character height of 12°, and disploying the same legend may be substituted for these signs. An appropriate directional arrow disploy, simulating the size & legibility of the floshing arrow board, must be used in the second phase of the PCMS/TMCMS message. When this is done, the arrow board will not be required on the Advance Warning Vehicle.
- Standard diamond shape versions of the CW20-5 series signs may be used as an option
 if the rectangular signs shown are not available.
- 12. The principles on this sheet may be used to close lanes from the left side of the roodway considering the number of lanes, shoulder width, sight distance, & ramp frequency.
- 13. Signs & flashing arrow board modes shall be appropriately altered when implementing left lane closures or interior closures which close the left lanes.
- 14. The Advance Warning Vehicle may straddle the edgeline when shoulder width makes it necessary.



STRIPING FOR THA

TRAFFIC CONTROL PLAN
MOBILE OPERATIONS

Texas Department of Transportation

DIVIDED HIGHWAYS

TCP (3-2) -13

FILE: tcp3-2.dgn	DN: To	(DOT	CK: TXDOT D#:	TxD0	T CK: TxDOT	
© TxD0T December 1985	CONT	SECT	JOB		HIGHWAY	
2-94 4-98	6371	02	001	U	US 83, ETC.	
8-95 7-13	DIST	ST COUNTY		SHEET NO.		
1-97	22	DINNI T/ZAVALA		Α.	11	

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