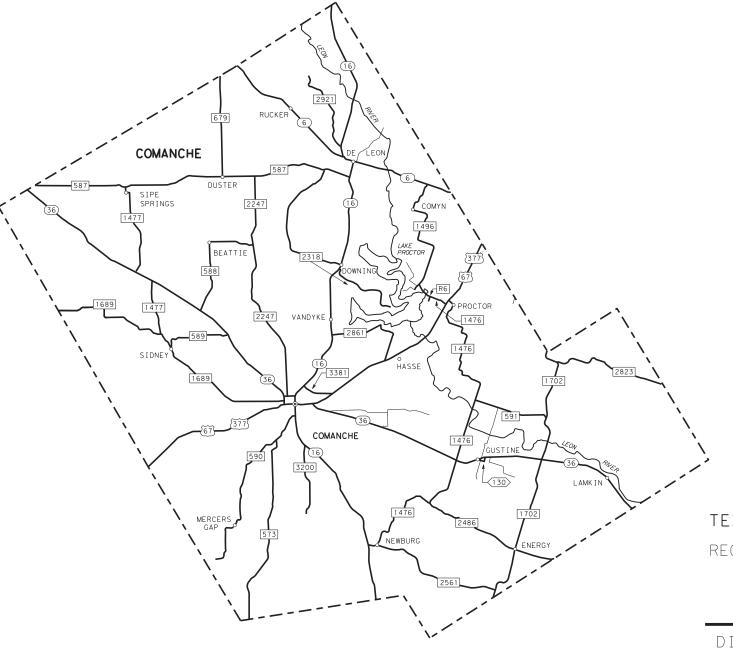
NOT TO SCALE

# STATE OF TEXAS DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED
HIGHWAY ROUTINE MAINTENANCE CONTRACT

### TYPE OF WORK:

ROADSIDE MOWING
(NON-SITE-SPECIFIC)
(CALL-OUT AS NEEDED)



Texas Department of Transportation

GRAPHICS FILE		MAINTENAN	ICE PROJECT	NO.	SHEET NO.
		RMC -	6389	66001	1
CHECKED	STATE	STATE DIST.		COUNTY	
	TEXAS	23	С	OMANCH!	Ξ
CHECKED	CONT.	SECT.	JOB	HIGHWAY	NO.
	6389	66	001	US00	67

AREA OF DISTURBED SOIL = 0 ACRES

EXCEPTIONS: NONE EQUATIONS: NONE RAILROAD: NONE

### INDEX OF SHEETS

SHEET NO.	DESCRIPTION
GENERAL	
1 2 3 4 5	TITLE SHEET GENERAL NOTES ESTIMATE & QUANTITY SHEET SUMMARY OF LOCATIONS STRIP-MOW-ND-04 STRIP-MOW-D-04

### TRAFFIC CONTROL STANDARDS

7 RS-TCP-05

TEXAS DEPARTMENT OF TRANSPORTATION

RECOMMENDED FOR LETTING



8/20/2021

DIRECTOR OF OPERATIONS

Date

DocuSign Envelope ID: A4C41791-1580-4F54-A99B-37458CFE4378

Project Number: RMC - 638966001

County: COMANCHE Control: 6389-66-001

Highway: US0067

### **GENERAL NOTES:**

- ITEM 730 will be performed on a CALLOUT BASIS at locations identified by each CALLOUT/WORK ORDER.
- This is a CALLOUT CONTRACT. Plan Quantity Measurement does not apply.
- This is a Non-Site-Specific Contract. The LOCATIONS (ROADWAYS) shown on the SUMMARY OF LOCATIONS in the Plans are for Contractor's information only.
- <u>ESTIMATED QUANTITIES shown on the SUMMARY OF LOCATIONS in the Plans are for Contractor's information only.</u>
- QUANTITIES, ROADWAYS and # OF PASSES to be mowed will be identified by each WORK ORDER.
- Fall Mowing/Fall Cleanup Complete all fall mowing by December 31st.

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### ITEM 2 INSTRUCTIONS TO BIDDERS

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

Name Email Address
Eric Lykins, P.E. eric.lykins@txdot.gov

Blake Stembridge, E.I.T. <u>blake.stembridge@txdot.gov</u>

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

All contractor questions will be reviewed by the 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. The site is organized by District, Project Type (Construction or Maintenance), Letting Date, CCSJ/Project Name.

\_\_\_\_\_

### ITEM 7 LEGAL RELATIONS AND RESPONSIBILITIES

No significant traffic generator events identified.

Project Number: RMC - 638966001

County: COMANCHE Control: 6389-66-001

Highway: US0067

### ITEM 502 BARRICADES, SIGNS AND TRAFFIC HANDLING:

Perform all traffic control according to the Texas Manual on Uniform Traffic Control Devices for Streets and Highways and plan sheet RS-TCP-05.

### ITEM 730 ROADSIDE MOWING

Report to the Project Inspector prior to beginning work each day.

Keep equipment MORE THAN 30 ft. from the edge of the pavement or travel lane during non-working hours.

<u>Working Days</u>: The Engineer will calculate and specify the number of working days granted for each WORK ORDER using a production rate of 125 acres each working day.

Set mower cutting height at 7 in. Hand trim to a height of approximately 4 in.

Hand trim around all dead animals or other large debris that cannot be mowed over or moved in the same manner as any other fixed object. It is also acceptable to move the object to the right of way line prior to mowing.

### Strip Mowing:

- Mowing width of 15 ft. 1 pass with a 15 ft. mower and is actually measured and paid as 14 ft.
- Mowing width of 30 ft. 2 passes with a 15 ft. mower and is actually measured and paid as 28 ft.
- Mowing width of 45 ft. 3 passes with a 15 ft. mower and is actually measured and paid as 42 ft.
- Trim around signs and driveways beyond the 15 ft., 30 ft. or 45 ft. Strip Mow width.
- Trim around curbs and sidewalks in the city sections.
- All areas not CALLED OUT by WORK ORDER become non-mow areas.
- In reference to plan sheet <u>STRIP-MOW-ND-04</u>, note number 2 is not required unless CALLED OUT by WORK ORDER.

General Notes Sheet A General Notes Sheet B

## **Estimate Sheet**

	ESTIMATE SUMMARY													
						US0067	ROADSIDE MOWING					DESCRIPTION UNIT	тот	ΓAL
EST	FINAL	EST	FINAL	EST	FINAL	EST	FINAL		ITEM CODE	DESC CODE	SP NO		EST	FINAL
						8788.720				6001		STRIP MOWING AC	8788.720	
								$\vdash$						
								$\vdash$			-		+	
								$\vdash$			-		+	
								$\vdash$						
								Н						
								$\vdash$			-			
								$\vdash$						
						1								
											-			

DIST	COUNTY	CCSJ	SHEET
23	COMANCHE	6389-66-001	3

QUANTITES, ROADWAYS and # OF PASSES will be identified by each WORK ORDER.

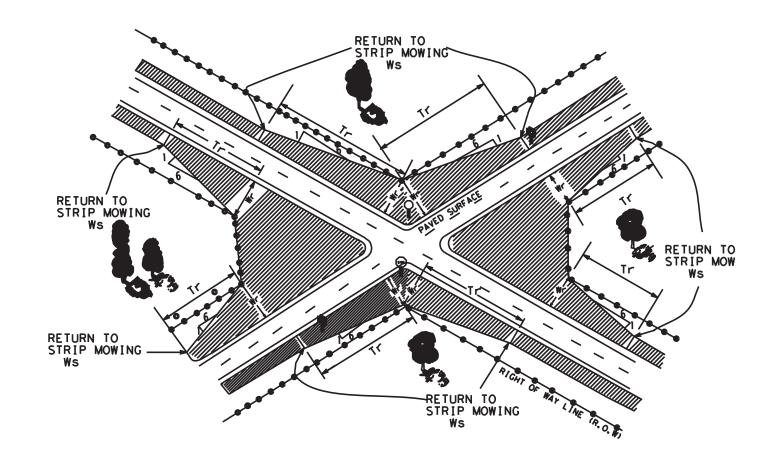
## **SUMMARY OF LOCATIONS - COMANCHE COUNTY**

## CSJ 6389-66-001

HIGHWAY   FROM   TO   FROM								MOWING (1	PASS)		10WING (2 P	PASSES)		MOWING (3 PA	ASSES)
US 67 RROWN/COMANCHE CO LINE COMANCHE WEST CITY LIMITS					CE MARKER	LENGTH	# OF			# OF	ACRES		# OF	ACRES	ACRES
SH 6		1					MOWINGS	1 PASS	TOTAL	MOWINGS				3 PASSES	TOTAL
SH 6   EASTLAND/COMANCHE CO LINE   EASTLAND/COMANCHE CO LINE   COMANCHE CO LINE   STATE   COMANCHE CO LINE		· '					0	68	0	2					200
SH 16   COMANCHE CO LINE   COMANCHE NORTH CITY LIMITS   330   356   12.95   0   60   0   2   119   238   2   184		1 '					0		0	2	_		2		301
SH 16   COMANCHE SOUTH CITY LIMITS   MILLS/COMANCHE CO LINE   335   370   26.12   0   108   0   2   215   431   2   243   513   513   513   513   513   513   514   514   515   51		•					0		0	2			2		273
SH 36		•					0		0	2			2		369
RR 6   ICT FM 1476			•				0		0	2			2		486
FM 573   JC FM 590   MILLS/COMANCHE CO LINE   332   344   11.94   2   45   90   1   688   688   0   97		EASTLAND/COMANCHE CO LINE	HAMILTON/COMANCHE CO LINE		400		0	186	0	2	372			453	906
FM 587 EASTLAND/COMANCHE CO LINE DELEÓN WEST CITY LIMITS 316 337 19.82 2 80 160 1 160 160 0 160 FM 588 JCT FM 2247 JCT SH 36 316 324 7.29 2 28 56 1 648 648 0 60 FM 589 JCT FM 1689 JCT SH 36 474 479 4.07 2 15 29 1 20 20 20 20 FM 590 COMANCHE SOUTH CITY LIMITS BROWN/COMANCHE CO LINE 332 345 11.86 2 43 86 1 64 64 64 0 64 FM 591 JCT FM 1476 JCT FM 1702 494 499 4.72 2 18 35 1 35 35 35 0 35 FM 1679 EASTLAND/COMANCHE CO LINE JCT FM 587 308 315 6.41 2 2 66 51 1 630 630 0 64 FM 1476 JCT FM 1496 JCT FM 1496 JCT FM 1689 JCT FM 1689 314 324 9.15 2 84 168 1 153 153 0 153 FM 1477 JCT FM 587 JCT FM 1689 314 324 9.15 2 34 68 1 648 648 0 75 FM 1689 BROWN/COMANCHE CO LINE COMANCHE WEST CITY LIMITS 488 486 16.97 2 63 126 1 972 972 0 134 FM 1702 ERATH/COMANCHE CO LINE HAMILTON/COMANCHE CO LINE 326 344 16.45 2 66 123 1 688 688 0 134 FM 1205 JCT SH 16 ERATH/COMANCHE CO LINE HAMILTON/COMANCHE CO LINE 482 484 2.04 2 10 20 1 968 968 0 27 FM 2218 JCT FM 587 END OF PAVEMENT 314 329 14.30 2 59 118 1 658 658 0 129 FM 2486 JCT FM 1476 JCT FM 587 END OF PAVEMENT 314 329 14.30 2 59 118 1 658 658 0 129 FM 2486 JCT FM 1476 JCT FM 1476 JCT FM 1476 JCT FM 587 END OF PAVEMENT 314 329 14.30 2 59 118 1 658 658 0 129 FM 2486 JCT FM 1476 J	RR 6	JCT FM 1476	END OF STATE MAINTENANCE	322	322	0.29	2	1	2	1	644	644	0	3	0
FM 588	FM 573	JC FM 590	MILLS/COMANCHE CO LINE	332	344		2	45			688		0		0
FM 589 JCT FM 1689 JCT SH 36 474 479 4.07 2 15 29 1 20 20 0 20 FM 590 COMANCHE SOUTH CITY LIMITS BROWN/COMANCHE CO LINE 332 345 11.86 2 43 86 1 64 64 0 64 FM 591 JCT FM 1476 JCT FM 1476 JCT FM 587 308 315 6.41 2 26 51 1 630 630 0 64 FM 1476 JCT FM 1496 JCT SH 1689 314 324 9.15 2 34 68 1 648 648 0 75 FM 1496 JCT SH 6 END OF PAVEMENT 314 324 9.15 2 34 68 1 648 648 0 75 FM 1496 JCT SH 6 END OF PAVEMENT 314 324 9.06 2 35 70 1 688 688 0 134 FM 120 ERATH-/COMANCHE CO LINE HAMILTON/COMANCHE CO LINE 326 344 16.45 2 62 123 1 688 688 0 134 FM 120 JCT SH 16 END OF PAVEMENT 314 320 14.10 2 57 114 1 114 114 10 137 FM 2318 JCT FM 587 COMANCHE NORTH CITY LIMITS 314 330 14.10 2 57 114 1 114 114 114 10 137 FM 2318 JCT FM 587 END OF PAVEMENT 314 329 14.30 2 59 118 1 658 658 0 129 FM 2486 JCT FM 1476 JCT FM 587 END OF PAVEMENT 314 329 14.30 2 59 118 1 658 658 0 129 FM 2383 JCT FM 1476 JCT FM 587 END OF PAVEMENT 314 329 14.30 2 59 118 1 658 658 0 129 FM 2383 JCT FM 1476 JCT FM 587 END OF PAVEMENT 314 329 14.30 2 59 118 1 658 658 0 129 FM 2383 JCT FM 1476 JCT FM 1702 HAMILTON/COMANCHE CO LINE 486 495 8.57 2 32 66 52 1 984 984 0 59 FM 2323 JCT FM 1702 HAMILTON/COMANCHE CO LINE 486 495 8.57 2 32 66 52 1 984 984 0 59 FM 2323 JCT FM 1702 HAMILTON/COMANCHE CO LINE 488 489 491 10.54 2 42 84 1 982 982 0 97 FM 2301 JCT SH 16 END OF PAVEMENT 328 333 4.39 2 16 32 1 666 666 0 3 34	FM 587	EASTLAND/COMANCHE CO LINE	DELEON WEST CITY LIMITS	316	337		2		160	1		160	0	160	0
FM 590 COMANCHE SOUTH CITY LIMITS BROWN/COMANCHE CO LINE			JCT SH 36	316	324		2	28	56	1	648	648	0	60	0
FM 591 JCT FM 1476 JCT FM 1702 494 499 4.72 2 18 35 1 35 35 0 35 FM 679 EASTLAND/COMANCHE CO LINE JCT FM 587 308 315 6.41 2 26 51 1 630 630 0 64 FM 1476 JCT FM 1496 JCT SH 1689 314 324 9.15 2 34 68 1 68 1 153 153 0 153 FM 1477 JCT FM 587 JCT FM 1689 314 324 9.15 2 34 68 1 68 1 153 153 0 153 FM 1477 JCT FM 587 JCT FM 1689 314 324 9.15 2 34 68 1 68 1 1648 648 0 75 FM 1496 JCT SH 6 END OF PAVEMENT 314 324 9.06 2 35 70 1 60 60 60 60 60 FM 1689 BROWN/COMANCHE CO LINE COMANCHE WEST CITY LIMITS 468 486 16.97 2 63 126 1 972 972 0 134 FM 1702 ERATH/COMANCHE CO LINE HAMILTON/COMANCHE CO LINE 482 484 16.45 2 62 123 1 688 688 0 134 FM 2156 JCT SH 16 ERATH/COMANCHE CO LINE 482 484 2.04 2 10 20 1 968 968 0 27 FM 2247 JCT FM 587 COMANCHE NORTH CITY LIMITS 314 330 14.10 2 57 114 1 114 114 0 137 FM 2318 JCT FM 587 END OF PAVEMENT 314 329 14.30 2 59 118 1 658 658 0 129 FM 2561 JCT FM 1476 JCT FM 1702 HAMILTON/COMANCHE CO LINE 496 506 8.66 2 35 69 1 1,012 1,012 0 80 FM 2561 JCT FM 1476 JCT FM 1702 486 495 8.57 2 32 64 1 990 990 0 69 FM 2823 JCT FM 1702 HAMILTON/COMANCHE CO LINE 498 506 7.27 2 29 57 1 1,012 1,012 0 66 FM 2861 JCT SH 16 JCT US 67 484 492 6.09 2 26 52 1 984 984 0 59 FM 2821 JCT SH 16 END OF PAVEMENT 328 333 4.39 2 16 32 1 666 666 0 34	FM 589	JCT FM 1689	JCT SH 36	474	479	4.07	2	15	29	1	20	20	0	20	0
FM 679 EASTLAND/COMANCHE CO LINE JCT FM 587 308 315 6.41 2 26 51 1 630 630 0 64 FM 1476 JCT FM 1496 JCT FM 1496 JCT FM 1689 322 347 23.91 2 84 168 1 153 153 0 153 FM 1477 JCT FM 587 JCT FM 1689 314 324 9.15 2 34 68 1 648 648 0 75 FM 1496 JCT SH 6 END OF PAVEMENT 314 324 9.06 2 35 70 1 60 60 0 60 FM 1689 BROWN/COMANCHE CO LINE COMANCHE WEST CITY LIMITS 468 486 16.97 2 63 126 1 972 972 0 134 FM 1702 ERATH/COMANCHE CO LINE HAMILTON/COMANCHE CO LINE 326 344 16.45 2 62 123 1 688 688 0 134 FM 2156 JCT SH 16 ERATH/COMANCHE CO LINE 482 484 2.04 2 10 20 1 968 968 0 27 FM 2247 JCT FM 587 COMANCHE NORTH CITY LIMITS 314 330 14.10 2 57 114 1 114 114 0 137 FM 2318 JCT FM 587 END OF PAVEMENT 314 329 14.30 2 59 118 1 658 658 0 129 FM 2486 JCT FM 1476 HAMILTON/COMANCHE CO LINE 496 506 8.66 2 35 69 1 1,012 1,012 0 80 FM 2823 JCT FM 1476 JCT FM 1702 HAMILTON/COMANCHE CO LINE 498 506 7.27 2 29 57 1 1,012 1,012 0 66 FM 2831 JCT FM 1702 HAMILTON/COMANCHE CO LINE 498 506 7.27 2 29 57 1 1,012 1,012 0 66 FM 2831 JCT FM 1702 HAMILTON/COMANCHE CO LINE 498 506 7.27 2 29 57 1 1,012 1,012 0 66 FM 2831 JCT FM 1702 HAMILTON/COMANCHE CO LINE 498 506 7.27 2 29 57 1 1,012 1,012 0 66 FM 2831 JCT FM 1702 HAMILTON/COMANCHE CO LINE 498 506 7.27 2 29 57 1 1,012 1,012 0 66 FM 2831 JCT FM 1702 HAMILTON/COMANCHE CO LINE 498 506 7.27 2 29 57 1 1,012 1,012 0 66 FM 2831 JCT FM 1702 HAMILTON/COMANCHE CO LINE 498 506 7.27 2 29 57 1 1,012 1,012 0 66 FM 2831 JCT SH 16 JCT SH 6 480 491 10.54 2 42 84 1 982 982 0 97 FM 3200 JCT SH 16 END OF PAVEMENT 328 333 4.39 2 16 32 1 666 666 0 3 34	FM 590		BROWN/COMANCHE CO LINE		345		2	43			64		0	64	0
FM 1476 JCT FM 1496 JCT FM 1689 JCT FM 1689 314 322 347 23.91 2 84 168 1 153 153 0 153 FM 1477 JCT FM 587 JCT FM 1689 314 324 9.15 2 34 68 1 68 1 648 648 0 75 FM 1496 JCT SH 6 END OF PAVEMENT 314 324 9.06 2 35 70 1 60 60 60 0 60 FM 1689 BROWN/COMANCHE CO LINE COMANCHE WEST CITY LIMITS 468 486 16.97 2 63 126 1 972 972 0 134 FM 1702 ERATH/COMANCHE CO LINE HAMILTON/COMANCHE CO LINE 326 344 16.45 2 62 123 1 688 688 0 134 FM 2156 JCT SH 16 ERATH/COMANCHE CO LINE 482 484 2.04 2 10 20 1 968 968 0 27 FM 2247 JCT FM 587 COMANCHE NORTH CITY LIMITS 314 330 14.10 2 57 114 1 114 114 0 137 FM 2318 JCT FM 587 END OF PAVEMENT 314 329 14.30 2 59 118 1 658 658 0 129 FM 2486 JCT FM 1476 HAMILTON/COMANCHE CO LINE 496 506 8.66 2 35 69 1 1,012 1,012 0 80 FM 2561 JCT FM 1476 JCT FM 1702 486 495 8.57 2 32 64 1 990 990 0 69 FM 2823 JCT FM 1702 HAMILTON/COMANCHE CO LINE 498 506 7.27 2 299 57 1 1,012 1,012 0 66 FM 2861 JCT SH 16 JCT SH 16 JCT SH 6 JCT SH 16 JCT SH 16 END OF PAVEMENT 328 333 4.39 2 16 32 1 666 666 0 3 34						4.72	2		35	1			0	35	0
FM 1477   JCT FM 587   JCT FM 1689   314   324   9.15   2   34   68   1   648   648   0   75		•	JCT FM 587		315	_	2	26	51	1	630		0	64	0
FM 1496 JCT SH 6 END OF PAVEMENT 314 324 9.06 2 35 70 1 60 60 0 60 FM 1689 BROWN/COMANCHE CO LINE COMANCHE WEST CITY LIMITS 468 486 16.97 2 63 126 1 972 972 0 134 FM 1702 ERATH/COMANCHE CO LINE HAMILTON/COMANCHE CO LINE 482 484 16.45 2 62 123 1 688 688 0 134 FM 2156 JCT SH 16 ERATH/COMANCHE CO LINE 482 484 2.04 2 10 20 1 968 968 0 27 FM 2247 JCT FM 587 COMANCHE NORTH CITY LIMITS 314 330 14.10 2 57 114 1 114 114 0 137 FM 2318 JCT FM 587 END OF PAVEMENT 314 329 14.30 2 59 118 1 658 658 0 129 FM 2486 JCT FM 1476 HAMILTON/COMANCHE CO LINE 496 506 8.66 2 35 69 1 1,012 1,012 0 80 FM 2561 JCT FM 1476 JCT FM 1702 486 495 8.57 2 32 64 1 990 990 900 69 FM 2823 JCT FM 1702 HAMILTON/COMANCHE CO LINE 498 506 7.27 2 29 57 1 1,012 1,012 0 66 FM 2861 JCT SH 16 JCT US 67 484 492 6.09 2 26 52 1 984 984 0 59 FM 2921 EASTLAND/COMANCHE CO LINE JCT SH 6 480 491 10.54 2 42 84 1 982 982 0 97 FM 3200 JCT SH 16 END OF PAVEMENT 328 333 4.39 2 16 32 1 666 666 0 34	FM 1476	JCT FM 1496	JCT SH 16	322	347	23.91	2	84	168	1	153	153	0	153	0
FM 1689 BROWN/COMANCHE CO LINE COMANCHE WEST CITY LIMITS	FM 1477	JCT FM 587	JCT FM 1689	314	324	9.15	2	34	68	1	648	648	0	75	0
FM 1702   ERATH/COMANCHE CO LINE   HAMILTON/COMANCHE CO LINE   326   344   16.45   2   62   123   1   688   688   0   134   14   156   157   158	FM 1496	JCT SH 6	END OF PAVEMENT	314	324	9.06	2	35	70	1	60		0	60	0
FM 2156 JCT SH 16	FM 1689	BROWN/COMANCHE CO LINE	COMANCHE WEST CITY LIMITS	468	486	16.97	2	63	126	1	972	972	0	134	0
FM 2247       JCT FM 587       COMANCHE NORTH CITY LIMITS       314       330       14.10       2       57       114       1       114       114       10       137         FM 2318       JCT FM 587       END OF PAVEMENT       314       329       14.30       2       59       118       1       658       658       0       129         FM 2486       JCT FM 1476       HAMILTON/COMANCHE CO LINE       496       506       8.66       2       35       69       1       1,012       1,012       0       80         FM 2823       JCT FM 1476       JCT FM 1702       486       495       8.57       2       32       64       1       990       990       0       69         FM 2823       JCT FM 1702       HAMILTON/COMANCHE CO LINE       498       506       7.27       2       29       57       1       1,012       1,012       0       66         FM 2861       JCT SH 16       JCT US 67       484       492       6.09       2       26       52       1       984       98       0       59         FM 2921       EASTLAND/COMANCHE CO LINE       480       491       10.54       2       42       84       1<	FM 1702	ERATH/COMANCHE CO LINE	HAMILTON/COMANCHE CO LINE	326	344	16.45	2	62	123	1	688	688	0	134	0
FM 2318       JCT FM 587       END OF PAVEMENT       314       329       14.30       2       59       118       1       658       658       0       129         FM 2486       JCT FM 1476       HAMILTON/COMANCHE CO LINE       496       506       8.66       2       35       69       1       1,012       1,012       0       80         FM 2561       JCT FM 1476       JCT FM 1702       486       495       8.57       2       32       64       1       990       990       0       69         FM 2823       JCT FM 1702       HAMILTON/COMANCHE CO LINE       498       506       7.27       2       29       57       1       1,012       1,012       0       66         FM 2861       JCT SH 16       JCT US 67       484       492       6.09       2       26       52       1       984       984       0       59         FM 2921       EASTLAND/COMANCHE CO LINE       JCT SH 6       480       491       10.54       2       42       84       1       982       982       0       97         FM 3200       JCT SH 16       END OF PAVEMENT       328       333       4.39       2       16       32	FM 2156		ERATH/COMANCHE CO LINE	482	484		2	10	20	1	968		0		0
FM 2486       JCT FM 1476       HAMILTON/COMANCHE CO LINE       496       506       8.66       2       35       69       1       1,012       1,012       0       80         FM 2561       JCT FM 1476       JCT FM 1702       486       495       8.57       2       32       64       1       990       990       0       69         FM 2823       JCT FM 1702       HAMILTON/COMANCHE CO LINE       498       506       7.27       2       29       57       1       1,012       1,012       0       66         FM 2861       JCT SH 16       JCT US 67       484       492       6.09       2       26       52       1       984       984       0       59         FM 2921       EASTLAND/COMANCHE CO LINE       JCT SH 6       480       491       10.54       2       42       84       1       982       982       0       97         FM 3200       JCT SH 16       END OF PAVEMENT       328       333       4.39       2       16       32       1       666       666       0       34			COMANCHE NORTH CITY LIMITS	314	330		2	_	114	1			0		0
FM 2561     JCT FM 1476     JCT FM 1702     486     495     8.57     2     32     64     1     990     990     0     69       FM 2823     JCT FM 1702     HAMILTON/COMANCHE CO LINE     498     506     7.27     2     29     57     1     1,012     1,012     0     66       FM 2861     JCT SH 16     JCT US 67     484     492     6.09     2     26     52     1     984     984     0     59       FM 2921     EASTLAND/COMANCHE CO LINE     JCT SH 6     480     491     10.54     2     42     84     1     982     982     0     97       FM 3200     JCT SH 16     END OF PAVEMENT     328     333     4.39     2     16     32     1     666     666     0     34				_			2						0		0
FM 2823     JCT FM 1702     HAMILTON/COMANCHE CO LINE     498     506     7.27     2     29     57     1     1,012     1,012     0     66       FM 2861     JCT SH 16     JCT US 67     484     492     6.09     2     26     52     1     984     984     0     59       FM 2921     EASTLAND/COMANCHE CO LINE     JCT SH 6     480     491     10.54     2     42     84     1     982     982     0     97       FM 3200     JCT SH 16     END OF PAVEMENT     328     333     4.39     2     16     32     1     666     666     0     34			•				2		69	1	,				0
FM 2861     JCT SH 16     JCT US 67     484     492     6.09     2     26     52     1     984     984     0     59       FM 2921     EASTLAND/COMANCHE CO LINE     JCT SH 6     480     491     10.54     2     42     84     1     982     982     0     97       FM 3200     JCT SH 16     END OF PAVEMENT     328     333     4.39     2     16     32     1     666     666     0     34							2								0
FM 2921     EASTLAND/COMANCHE CO LINE JCT SH 6     480     491     10.54     2     42     84     1     982     982     0     97       FM 3200     JCT SH 16     END OF PAVEMENT     328     333     4.39     2     16     32     1     666     666     0     34	FM 2823		HAMILTON/COMANCHE CO LINE		506		2				1,012		0		0
FM 3200 JCT SH 16 END OF PAVEMENT 328 333 4.39 2 16 32 1 666 666 0 34				484	492		2		52	1			0		0
					_		2		_				0		0
FM 3381  JCT SH 16							2						0		0
		JCT SH 16	END OF PAVEMENT	482	484		2	21		1	968		0	42	0
TOTAL 345.56 1,719 15,891	TOTAL					345.56			1,719			15,891			2,535

SUMMARY:	AC
STRIP MOWING (1 PASS)	1,718.60
STRIP MOWING (2 PASSES)	2,535.06
STRIP MOWING (3 PASSES)	2,535.06
STRIP MOWING AT UNDETERMINED LOCATIONS	2,000.00
TOTAL	8,788.72

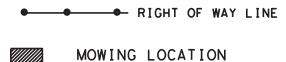
Sheet No. 4



MOWING FOR SIGHT DISTANCE WITH TRANSITION FROM INTERSECTION BACK TO STRIP MOWING

### GENERAL NOTES:

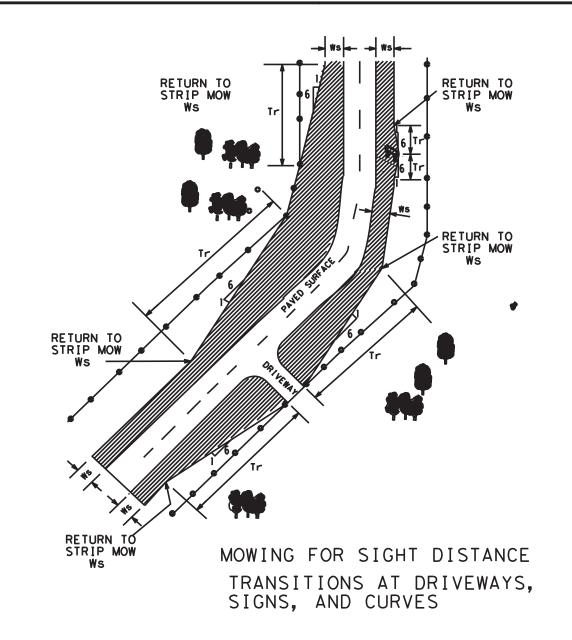
- 1. THE NORMAL WIDTH FOR STRIP MOWING IS 15' UNLESS OTHERWISE SHOWN ON THE PLANS.
- 2. MOW TO THE R.O.W. LINE IN FRONT OF BUSINESSES, RESIDENCES, CHURCHES, OR CULTIVATED FIELDS UNLESS OTHERWISE SHOWN ON THE PLANS.
- 3. TRANSITION FOR SIGHT DISTANCE TO R.O.W LINE OR AROUND SIGNS AS SHOWN ON THIS SHEET UNLESS OTHERWISE SHOWN ON THE PLANS.



Wr - R.O.W. WIDTH (AT START OF TRANSITION)

Ws - STRIP MOWING WIDTH

Tr - TRANSITION





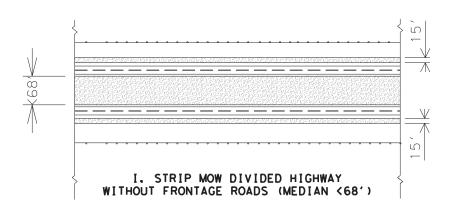
### Texas Department of Transportation

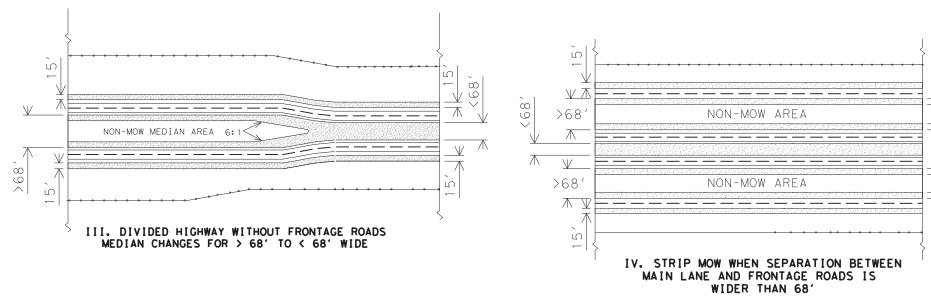
Maintenance Division Standard Plans

STRIP MOWING NON-DIVIDED HIGHWAYS

## STR [ P - MOW - ND - 04

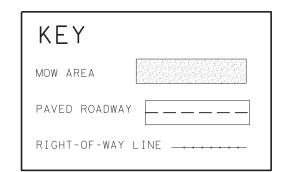
FILE:	SMOWNDO4.DGN		DN:	LJB	ck: JG		DW: -	CK: -		NEG NO.:	
(C)	TxDOT 2004			STATE DISTRICT	FEDERAL REGION		FEDERAL	AID PRO	IECT	<b>⊕</b>	SHEET
REVISED:	5/18/2004	LJ	В	BWD	N/A		RMC -	6389	66001		5
REVISED:					COUNTY				SECTION	JOB	HIGHWAY
REVISED:					COMANCHE 6389 66				66	001	US0067



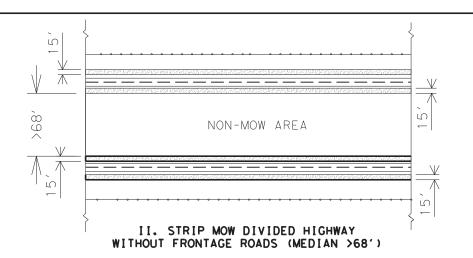


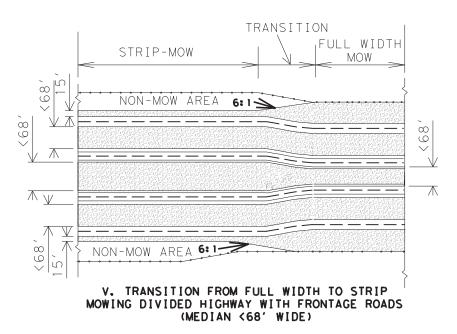
### GENERAL NOTES:

- 1. MOW THE ENTIRE WIDTH OF MEDIANS AND OUTER SEPARATIONS (AREAS BETWEEN MAIN LANES, RAMPS, AND FRONTAGE ROAD) EXCEPT FOR NON-MOW AREAS.
- 2. MOW FULL-WIDTH ALL MEDIANS AND OUTER SEPARATIONS 68' OR LESS FROM PAVEMENT EDGE TO PAVEMENT EDGE.
- 3. FOR MEDIANS AND OUTER SEPARATIONS GREATER THAN 68' MOW A 15' ALONG EACH PAVEMENT EDGE.
- 4. NON-MOW AREAS IN MEDIANS & OUTER SEPARATIONS WILL BE CONSIDERED THE AREA IN MEDIANS AND OUTER SEPARATIONS GREATER THAN 68' BETWEEN THE 15' STRIP MOW AREAS.
- 5. OTHER NON-MOW AREA'S WILL BE SHOWN ELSEWHERE ON PLANS OR MARKED ON THE RIGHT OF WAY.



15







STRIP MOWING (DIVIDED HIGHWAYS)
STRIP-MOW-D-04

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© T	×DOT JUNE 200	STATE DISTRICT	FEDERAL REGION		FEDERAL AID PROJECT					
VISED:	6/03/2004		BWD N/A RMC -					66001		6
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VISED:			COMANCHE 6389 66 001 U						US0067	

approved

substrate  $\triangle$ 

DISPLAYED

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

WORK

Flags as required by Engineer

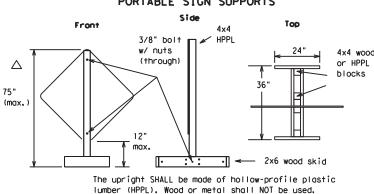
or as shown on plans

12" min.

24" max.

### EXAMPLES OF SIGN SUPPORTS

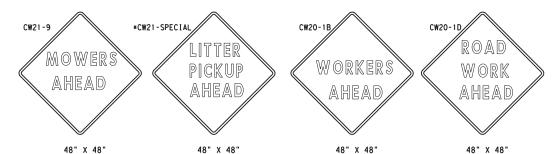
### SHORT TERM DURATION. DAYTIME USE ONLY PORTABLE SIGN SUPPORTS



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 attachina sign substrates to other types of sign supports.

Nails will NOT be allowed.



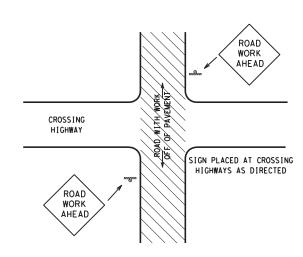
SIGN IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND

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

### 0.28 MILES 0.28 MILES WORK AREA (1500 Feet) (1500 Feet) | ROAD WORK AHEAD DIVIDED HIGHWAY 0.28 MILES (I500 Feet) WORK ARFA <u>~</u> $\oplus$ $\Rightarrow$

WORK AREA

UNDIVIDED HIGHWAY OR FRONTAGE ROAD

TRAFFIC CONTROL PLAN FOR WORK OFF OF THE PAVED SURFACE.

0.28 MILES

(1500 Feet)

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

### REMOVING OR COVERING

- Signs should be removed or completely covered when not mowing.
- Duct tape or other adhesive material shall NOT be affixed to a sign face.
- 3. 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.
- 2. 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 Fox (512) 416-3299

This site is printable.

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

Start at website - 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".



SHEET 1 OF 1 RS-TCP-05 NOT TO S								SCALE	
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© TxDOT FEBRUARY 2	2005	STATE FEDERAL FEDERAL					JECT	SHEET	
REVISED: September 17, 2004		BWD	BWD N/A RMC - 6				6001		7
REVISED: FEBRUARY 2, 2005 Sign placement in TCP			COUNTY CONTROL SECTION JOB					HIGHWAY	
REVISED:			COMANCHE 6389 66 001					US0067	

RS-TCP-05

Texas Department of Transportation

Maintenance Division

Standard Plans