INDEX OF SHEETS

SHEET NO.

DESCRIPTION

TITLE SHEET SPECIFICATION DATA AND GENERAL NOTES ESTIMATE AND QUANTITY SUMMARY MOWING AREAS SUMMARY SHEET **₹***TCP(3-5)-18

THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE HAVE BEEN SELECTED BY ME OR UNDER MY RESPONSIBLE SUPERVISION AS BEING APPLICABLE TO THIS PROJECT.



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

STATE OF TEXAS

DEPARTMENT OF TRANSPORTATION

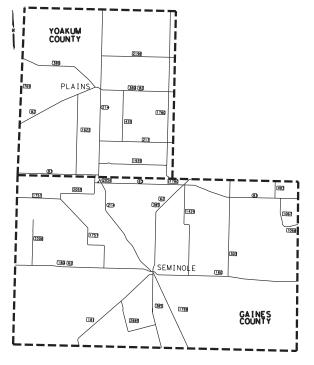
PLANS OF PROPOSED ROUTINE MAINTENANCE CONTRACT

TYPE OF WORK:

ROADSIDE MOWING

PROJECT NO.: RMC 645879001 CSJ: 6458-79-001 HIGHWAY: VARIOUS

LIMITS OF WORK: GAINES AND YOAKUM COUNTIES

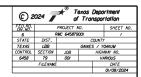


MAPS DO NOT DEPICT ALL ROADWAYS FOR THIS CONTRACT. SEE SHEET 4 FOR EXACT ROADWAYS AND LIMITS.

NO SCALE NO EQUATIONS NO EXCEPTIONS

NO RAILROAD CROSSINGS

Texas Department of Transportation all rights reserved.





SUBMITTED FOR LETTING: 1/8/2024

> Michael Strage, P.E. -C0CB990D620C4DD..

APPROVED FOR LETTING: 1/8/2024

> -DocuSigned by: Michael Strage, P.E.

-C0CB990D620C4DD..

Project Number: RMC 645879001 Sheet 2

County: Gaines / Yoakum Control: 6458-79-001

Highway: US0062

GENERAL NOTES:

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

Michael P. Stroope, P.E. - mike.stroope@txdot.gov

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.

General Requirements and Covenants - Items 1 thru 9

Project Description – This project consists of Roadside Mowing in Gaines and Yoakum Counties.

TxDOT Project Supervisor – The project will be managed by:

Gaines / Yoakum County Maintenance Supervisor

George DeLeon 175 E US 180 Seminole, TX 79360 806-758-3632

Each contract awarded by the Department stands on its own and as such, is separate from other contracts. A contractor awarded multiple contracts, must be capable and sufficiently staffed to concurrently process any or all contracts at the same time.

Item 2 - Instructions to Bidders

View the plans on-line or download from the web at:

 $\underline{\text{http://www.dot.state.tx.us/business/plansonline/agreement.htm}}$

Choose "I Agree" then, "Click here", then "State-Let-Construction", pick the letting month, then "Plans" and then choose the plans set.

Order plans from any of the plan reproduction companies shown on the web at:

Project Number: RMC 645879001 Sheet 2

County: Gaines / Yoakum Control: 6458-79-001

Highway: US0062

 $\frac{\text{http://www.dot.state.tx.us/business/contractors consultants/repro companies.h}}{\text{tm}}$

By signing this proposal, a bidder acknowledges that he/she has a copy of the "Standard Specifications for Construction and Maintenance of Highways, Streets and Bridges", adopted by the Texas Department of Transportation, November 1, 2014. This specification book may be purchased from the Department or downloaded at:

http://www.txdot.gov/business/resources/txdot-specifications.html

Item 3 - Award and Execution of Contract

This Contract includes work required under multiple Work Orders. Perform work as shown in the plans and continue until work is completed.

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 change orders.

When the contract is extended by agreement of both parties, a Performance Bond, if required, and Payment Bond shall be executed in the amount of the extension before the additional work begins.

Item 5 - Control of Work

Notify TxDOT representative by 9:00 am each day for work completed the previous day, including hand trimming and cleanup. The Engineer will then inspect the section(s) of roadway for acceptance, not more than two (2) working days after notification.

Item 8 - Prosecution and Progress

Contract time charges shall begin upon issuance of "Authorization to Begin Work" letter. Seven Hundred and Thirty (730) days have been designated for this contract. Days shall be computed and charged in accordance with Article 8.3.1.5 "Calendar Day."

Pre-Work Meeting - Prior to beginning work, a conference between the Contractor's representative and the Department will be arranged by the Department.

Submit the outline referenced in Item 8.5.5 in writing. Include all roadways in the sequential order of mowing and the number of day(s) allotted to each roadway. In the event that the schedule is not submitted to the Engineer, work will not be allowed to begin, but time charges will be charged.

General Notes Sheet A General Notes Sheet B

Project Number: RMC 645879001 Sheet 2

County: Gaines / Yoakum Control: 6458-79-001

Highway: US0062

Do not begin work each day until 30 minutes after sunrise and stop work 30 minutes before sundown unless authorized by the Engineer. During non-working hours, remove all equipment at least 30 feet from the roadway. No equipment repair will be allowed on the rights of way during non-working hours.

Work Prosecution

Cycles shall begin upon issuance of a Work Order. Individual Work Order charge days shall run concurrently with Contract time charges.

Estimated working days per cycle are calculated as follows:

Mowing--total acreage per cycle divided by 100 acres per day.

Each cycle stands alone as to the number of working days allowed for that cycle. The contractor shall be charge liquidated damages per each cycle not completed in the specified time.

Remaining days on each cycle shall not be carried on to future cycles.

The designated number of working days per cycle is 47.

Item 500 - Mobilization

Mobilization for call out work will be paid for each callout work request.

Item 502 - Barricades, Signs and Traffic Handling

For this project, Barricades, Signs, and Traffic Handling will be subsidiary to the various bid items.

The Engineer will inspect and approve all traffic control devices prior to work starting on each cycle.

A traffic control plan is required as shown in the plans. For this Contract, this operation will be considered Short Term Stationary. The Contractor is responsible for furnishing, erecting, and maintaining all signs necessary to comply with the Texas Manual on Uniform Traffic Control Devices. Flags are required on all signs. The Contractor is responsible for compliance with all City, State, and Federal laws.

Use only signs that are 48" x 48". Use signs and sign supports that are listed in the "Compliant Work Zone Traffic Control Devices." This list is available from TxDOT and may be obtained by calling 512-416-3335, or visiting the Departments Web Site at www.dot.state.tx.us.

Project Number: RMC 645879001 Sheet 2

County: Gaines / Yoakum Control: 6458-79-001

Highway: US0062

Item 730 - Roadside Mowing

Full Width (3.2.2) mowing unless otherwise indicated in the plans or as directed.

Curb and Gutter

Mow and hand trim behind curb and gutter in all developed areas if included in the limits of that roadway.

Omitted Areas

Areas not able to be mowed, or that do not need to be mowed, which have been included in the estimated measurements, may be omitted, at the discretion of the Engineer.

Areas omitted will be deducted from the pay measurement. These areas will usually be a minimum of two (2) acres. Areas will be noted in work order.

Easements

Mow State-owned easements and easement slopes as directed by the Engineer. These areas are included in the estimated measurements, except as indicated otherwise in the plans.

Equipment

The Engineer will inspect and approve all equipment prior to work starting on each cycle.

Keep mowers in good operating condition. Repair or replace any equipment the Engineer determines is defective to the point that it may affect the quality of the work.

Equip all decks, including bat-wings, with either safety chains or the manufacturer's safety device long enough to be in constant contact with the ground during operation.

Provide highly visible amber strobe warning lights on all tractors and work trucks.

Cutting Height

Cutting height shall be seven (7) inches when measured on level ground.

Areas left in a ragged condition will be re-mowed with no additional compensation. The Contractor will not be required to make more than two (2) additional passes.

Hand Trimming

General Notes Sheet C General Notes Sheet D

Project Number: RMC 645879001 Sheet 2

County: Gaines / Yoakum Control: 6458-79-001

Highway: US0062

Hand trimming is required for all tracts listed in the plans and is considered subsidiary to Item 730

Hand trimming shall be completed within 24 hours after mowing is completed on any section of Right of Way.

Hand trim around appurtenances/objects, whether temporary or permanent.

Perform hand trimming operations inside an established safety work zone area.

Hand trim around metal beam guard fence included within the mowing limits. Extend hand trimming from the edge of the roadway, under the guard fence, to a minimum of five (5) feet, for the length of the metal beam guard fence and guardrail extruder terminal or terminal section.

Hand trim all vegetation growing in and around the guardrail in rip-rap and non-mow areas.

Hand trim all vegetation growing around appurtenances/objects behind curb and gutter.

Hand trim around all safety lighting and/or traffic signal lighting. Hand trim a seven (7) foot radius around the base.

Hand trim all vegetation growing in and around all rip-rap areas, including but not limited to all medians, islands, turnarounds, channels, slopes, etc.

DAMAGES

Charges for damages, including paved surfaces, rights of way, vegetation, and appurtenances, will be deducted from payments due to the contractor.

Item 6185 - Truck Mounted Attenuator and Trailer Attenuator

Provide shadow vehicle equipped with Truck Mounted Attenuator (TMA) as shown on Traffic Control Plan (TCP) standard TCP (3-5)-18.

TMAs used for this project shall comply with requirements found in the Complaint Work Zone Traffic Control Devices list, which can be found at the following website. http://www.txdot.gov/business/resources/materials/producer-list.html

Certified weights of host vehicles may be required by the Engineer to verify compliance with TMA/TA requirements of SS6185.

A minimum of One (1) TMA for Mowing Operations shall be available daily as noted on the summary sheet.

General Notes Sheet E

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		Gaines County]		
Tract			Ref.	# Full	AC PER	TOTAL AC
No.	Highway	Limits	Marker	Cycles	Cycle	Full Width
1*	US 62	Terry C/L to N.M. State Line	222-264	4	773	3092
		Non-Mow Seminole and Seagraves				
2	SH 83	US 62 to Dawson C/L	250-272	4	230	920
3	US 180	US 62 to Dawson C/L	248-272	4	190	760
4	SH 214	SH 83 to US 62	272-292	4	177	708
5	US 385	S. C/L Seminole to Andrews C/L	292-306	4	212	848
6	FM 181	W.C/L SemInole to Andrews C/L	272-290	4	199	796
7	FM 1757	N.M. State Line to US 62	22-246	4	240	960
8	FM 2055	FM 1757 to FM 2056	256-264	4	76	304
9	FM 2885	FM 181 to US 385	240-252	4	87	348
10	FM 3306	US 62 to 8.0 Mi. North	262-268	4	74	296
11	FM 303	Terry C/L to US 180	272-290	4	152	608
12	FM 403	Terry C/L to SH 83	250-252	4	18	72
13	FM 1066	FM 1067 to the Dawson C/L	270-274	4	39	156
14	FM 1067	HWY 83 to FM 1066	258-262	4	40	160
15	FM 1429	HWY 83 to US 180	252-273	4	124	496
16	FM 1788	US 385 to Andrews C/L	266-278	4	112	448
		Estimated Acreage Totals:			2743	10972

		Yoakum County				
Tract			Ref.	# Full	AC PER	TOTAL AC
No.	Highway	Limits	Marker	Cycles	Cycle	Full Width
17 SH 83		US 62 to N.M. State Line	222-236	4	327	1308
		Non Mow Seagraves & Denver City				
18	SH 214	Cochran C/L to SH 83 East	244-274	4	281	1124
		Non Mow Denver City				
19	US 380	N.M. State Line to US 82	224-238	4	105	420
20	FM 213	SH 214 to Terry C/L	238-252	4	135	540
21	FM 435	US 82/380 to FM 213	238-246	4	65	260
22	FM 1780	Cochran C/L to SH 83	232-262	4	215	860
23	FM 1939	SH 214 to FM 1780	236-248	4	88	352
24	FM 2055	SH 83 to FM 2056	256-258	4	11	44
25		FM 2055 to US 83/SH 214	236-238	4	13	52
26		SH 214 to Terry C/L	236-250	4	95	380
27		Cochran C/L to SH 83	264-292	4	213	852
28		US 82 to SH 83	240-252	4	103	412
29	US 82	Terry C/L to N.M. State Line	222-252	4	271	1084
		Estimated Acreage Totals:			1922	7,688

Notes:

Tract 1: TMA required where median cable barrier present if mower deck extends into roadway. Estimated 5 days per cycle.

COMBINED TOTALS	
COMBINED TOTALS	
MOWING ACRES PER CYCLE	4665
TOTAL MOWING ACRES	18660
WORKING DAYS PER CYCLE	47

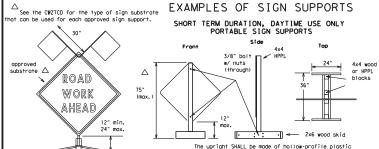
188

TOTAL WORKING DAYS

MOWING AREAS SUMMARY SHEET

FED.RD. DIV.NO.	MAINTENANCE PROJECT NO.						
06	RMC 645879001						
STATE	STATE DIST.NO.						
TX	05	GAWE:	v				
CONT.	SECT.	108	HIGHWA	Y NO.			
6458	79	OO!	VARIO	VARIOUS			

Flags as required by Engineer



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

Nails will NOT be allowed.

substrates to other types of

sian supports.

CW21-9 *CW21-SPECIAL CW20-1B CW20-1D. LITTER ROAD MOWERS WORKERS PICKUP WORK AHEAD AHEAD AHEAD AHEAD 48" Y 48" 48" X 48" 48" Y 48" 48" Y 48"

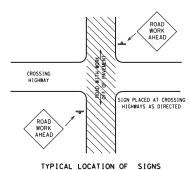
SIGN IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND

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>

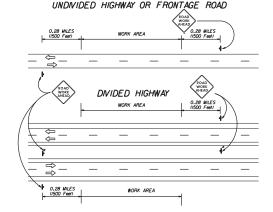


AT HIGHWAY CROSSING

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



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.
- 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 requiate, 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 IMUICD but may have been amitted 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 Tx00T 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 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 do not penetrate the face of the sign panel. The screws shall be placed on both sides of the splice and spaced at 6" 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 bockground 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.
- 3. Signs and supports shall be removed by the end of the day.

- Where sign supports require the use of weights to keep from turning over, the use of sandbaas 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 around 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
- 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" (CMZTCD) describes pre-qualified products and their sources and may be obtained by contacting:

Standards Engineer Iraffic 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:

Click on "About TxDOT". Click on "Organizational Chart", Click on Traffic Operations Box

Start at website - www.dot.state.tx.us

Click on "Compliant Work Zone Traffic Control Devices", Click on "View PDF". This site is printable

Texas Department of Transportation Maintenance Division

> ROADSIDE TRAFFIC CONTROL PLAN

Standard Plans

RS-TCP-05 SHEET 1 OF 1 NOT TO SCALE RSTCPO5.DGN two: LJB cx: JG tm:-CTXDOT FEBRUARY 2005 DISTRICT FEBRUARY REVISEDS Sentember 17 2004 RMC 645879001 LBB 6 5 REVISED: FEBRUARY 2, 2005 Sign placement in TCP CONTROL SECTION JOB HIGHBAY GAINES / YOAKUM 6458 79 001 VARIOU

