



RFP 24MCO640

**In response refer to RFP No. 24MCO640 Addendum 2
January 16, 2025**

Ladies/Gentlemen,

There were no questions asked regarding the above referenced RFP.

This addendum includes the following:

- Revised Bid Proposal Form
 - Change of quantities in bid items 2-6 of the Seal Coat Scope.
 - Added bid items 18 and 19 to the Additive Alternate # 2.
 - Change of quantities in bid items 20-22 of the Additive Alternate # 3.
- General Notes and Modifications and Clarifications to the Standard Specifications
Description of Work

**BID PROPOSAL
AND
SPECIFICATIONS**

FOR

**2025 MIDLAND COUNTY PAVEMENT MAINTENANCE PROJECT
SEAL COAT - ADDENDUM 2**

WTC No. 56486

COUNTY JUDGE

Terry Johnson

COMMISSIONER PRECINCT 1

Charles Hall

COMMISSIONER PRECINCT 2

Jeff Somers

COMMISSIONER PRECINCT 3

Steven Villela

COMMISSIONER PRECINCT 4

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Andrew Avis



ENGINEERS | SURVEYORS

405 SW 1st Street • Andrews, TX 79714 • (432) 523-2181
Texas Registered Engineering Firm F-2746
Texas Registered Surveyor Firm #100792-00

MIDLAND COUNTY, TEXAS

2025 MIDLAND COUNTY PAVEMENT MAINTENANCE PROJECT

JANUARY 2025

WTC No. 56486



James C. Tompkins

THE SEAL APPEARING ON THIS
DOCUMENT WAS AUTHORIZED BY
JAMES C. TOMPKINS, P.E. 93839

Date: 01/09/2025

James C. Tompkins, P.E., R.P.L.S.



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Texas Registered Engineering Firm F-2746
Texas Registered Surveyor Firm #100792-00

BID PROPOSAL – ADDENDUM 2

Bidder agrees to perform all work for **2025 Midland County Pavement Maintenance Project** described in the Specifications and shown on the Plans, for the following unit prices. **The scope of work on this bid proposal includes both Single-Course and Double-Course Seal Coat and Striping. All pothole repairs would be completed by others.**

WTC No. 56486

SEAL COAT SCOPE

Item No.	Description	Unit	Estimated Quantity	Bid Unit	Bid Amount
1	Mobilization and Demobilization	LS	1	\$	\$
2	Asphalt (AC-20-5TR) for Single Course Seal Coat	GAL	637,945	\$	\$
3	Coated Aggregate (Grade 4) for Single Course Seal Coat	CY	15,950	\$	\$
4	4" Broken Yellow Striping	LF	475,634	\$	\$
5	4" Double Yellow Striping	LF	4,875	\$	\$
6	4" Single White Striping	LF	561,079	\$	\$
7	Traffic Control	LS	1	\$	\$
8	Striping Tabs	LS	1	\$	\$
TOTAL BASE BID ITEMS:					\$

ADDITIVE ALTERNATE #1

Item No.	Description	Unit	Estimated Quantity	Bid Unit	Bid Amount
9	Asphalt (AC-20-5TR) for Two Course Seal Coat for S CR 1110 as directed by Engineer	GAL	65,120	\$	\$
10	Coated Aggregate (Grade 3) for Two Course Seal Coat for S CR 1110 as directed by Engineer	CY	1,000	\$	\$
11	Coated Aggregate (Grade 4) for Two Course Seal Coat for S CR 1110 as directed by Engineer	CY	900	\$	\$
12	4" Broken Yellow Striping for S CR 1110 as directed by Engineer	LF	23,000	\$	\$
13	4" Double Yellow Striping for S CR 1110 as directed by Engineer	LF	200	\$	\$
14	4" Single White Striping for S CR 1110 as directed by Engineer	LF	46,400	\$	\$
TOTAL ALTERNATE #1 BID ITEMS:					\$

ADDITIVE ALTERNATE #2

Item No.	Description	Unit	Estimated Quantity	Bid Unit	Bid Amount
15	Asphalt (AC-20-5TR) for Two Course Seal Coat at for S CR 1214 as directed by Engineer	GAL	3,000	\$	\$
16	Coated Aggregate (Grade 3) for Two Course Seal Coat for S CR 1214 as directed by Engineer	CY	45	\$	\$
17	Coated Aggregate (Grade 4) for Two Course Seal Coat for S CR 1214 as directed by Engineer	CY	40	\$	\$
18	4" Broken Yellow Striping for S CR 1214 as directed by Engineer	LF	1,300	\$	\$
19	4" Single White Striping for S CR 1214 as directed by Engineer	LF	2,600	\$	\$
TOTAL ALTERNATE #2 BID ITEMS:					\$

BID PROPOSAL – ADDENDUM 2

ADDITIVE ALTERNATE #3

Item No.	Description	Unit	Estimated Quantity	Bid Unit	Bid Amount
20	4" Broken Yellow Striping for second application as directed by Engineer	LF	499,934	\$	\$
21	4" Double Yellow Striping for second application as directed by Engineer	LF	5,075	\$	\$
22	4" Single White Striping for second application as directed by Engineer	LF	610,079	\$	\$
TOTAL ALTERNATE #3 BID ITEMS:					\$

Schedule Table			
Item No.	Description	Date/Duration	Unit
1	Expected Duration		Days
2	Start Date		Date

Acknowledge: _____ Addenda #: 1 Date: _____

Acknowledge: _____ Addenda #: 2 Date: _____

Total Amount of Base Bid: \$ _____

Total Amount with Alternates: \$ _____

Contractor: _____

By: _____

Address: _____

OWNER - MIDLAND COUNTY

ENGINEER - WTC, INC.

GENERAL NOTES AND MODIFICATIONS AND CLARIFICATIONS TO THE STANDARD SPECIFICATIONS DESCRIPTION OF WORK

THIS PROJECT INCLUDES THE FOLLOWING MAJOR ITEMS OF WORK:

1. **POTHOLE REPAIRS:** this item shall include all materials, equipment, and labor necessary to repair potholes along various roadways in midland county as shown on the plans as follows: square and vertical saw cutting an area (size and locations as shown on the plans) and removing unsuitable material; processing and compacting the subbase; providing, placing, processing, compacting, and finishing base material; apply a tack coat/prime coat; and placing 3-inches thick minimum of HMAC electric heated to 140°F material to match existing pavement. Ensure that water does not pond on new patch. The finished patch area shall have a crown of 1/8 inch to 1/4 inch. This work shall be done before the seal coat is placed.
2. **SEAL COAT:** this item includes all the materials, equipment, and labor necessary to install either a single-course or double-course seal coat, as specified below, on the full width of the repaired road surface.

The items of work will be completed according to the plans and details, as well as the TxDOT standard specifications, as modified/clarified below.

SPECIFICATIONS

The work shall be constructed under the general guidelines as set forth by the Texas Department of Transportation Standard Specification for Construction and Maintenance of Highways, Streets, and Bridges, 2024 edition. The owner and engineer reserve the right to have final interpretation authority of specifications in the event that a conflict may arise. However, in the event that conflict/ dispute may arise, the contract documents and general notes supersede the TxDOT 2024 standard specification.

ITEM 5: CONTROL OF THE WORK

In the event a new or revised traffic control plan is submitted to the engineer for consideration, prepare and submit revised traffic control plan a minimum of 10 days prior to anticipated implementation to allow for review by the engineer and owner. Most of this project involves maintenance work on existing pavement surfaces, however, where new pavement is being constructed or where the pavement surface is being widened or shoulders are being installed, establish a true and correct alignment with a transit or by other approved methods. Use method c for construction surveying. In the event the finished surface does not conform to the typical sections or does not ride to the satisfaction of the engineer, rework the unsatisfactory area to the limits necessary and place construction stakes at closer intervals as directed. Provide the staking, personnel and equipment necessary to attain a satisfactory riding surface. In curves and superelevation sections, place construction stakes at intervals of 50 feet along the centerline and at the crown line and quarter points of the typical sections. In the event a satisfactory riding surface cannot be constructed, place additional staking as directed. Additional benchmark information can be obtained at the engineer's office.

ITEM 8: PROSECUTION AND PROGRESS

Time charges for this project will be calendar days. The time established for the completion of all work covered by this contract is 153 days (April 15, 2025 – September 15, 2025). Days will be charged Sunday through Saturday, including all holidays, regardless of weather conditions, material availability, or other conditions not under the control of the contractor. Sunday work will be limited to items not requiring inspection, quality assurance testing or oversight of any kind. Liquidated damages daily rate = \$500/ calendar day beyond contract time limit.

ITEM 9: MEASUREMENT AND PAYMENT

All quantities of work shall be paid on the basis of the plan's quantity measurement, per Item 9, unless the item is subsidiary to another item, in which case it will not be paid for directly. Specific exceptions to plan quantity items are as follows: Item 316 Seal Coat - asphaltic cement for surface treatment; Item 341 Dense-Graded Hot-Mix Asphalt. Payment for material on hand will be made as outlined in Item 9 of the TxDOT 2024 standard specification.

ITEM 100: PREPARING RIGHT-OF-WAY (R.O.W.)

It is the intent on the plans to prepare only that portion of the right-of-way necessary for construction. Contractor is not to disturb any area beyond the row unless it is allowed in writing by the engineer or is a designated staging

area. Do not disturb natural vegetation and trees wherever possible. Contractor is to complete the preparation of the right-of-way based on the condition at the time of bidding and adjust bid prices accordingly.

ITEM 204: SPRINKLING

Apply water for dust control, earthwork, or base construction. The scope of this work will not be paid for directly but will be considered subsidiary to the various bid items.

ITEM 300: ASPHALTS, OILS, AND EMULSIONS

Prime coat will be MC-30. Asphalt for seal coat will be AC-20-5TR. Rates will be as shown in Item 316 Seal Coat and Item 341 Dense-Graded Hot-Mix Asphalt and Item 351 Flexible Pavement Structure Repair. Pavement shall be adequately broomed prior to applying asphalts, oils, or emulsion and swept again after 30 calendar days, prior to striping.

ITEM 302: AGGREGATES FOR SURFACE TREATMENTS

The aggregate will be SAC-B/Grade 4 for Single Course seal coat. For Two Course seal coat the aggregate will be SAC-B/Grade 3 (1st Course) and SAC-B/Grade 4 (2nd Course). Coat aggregates 1.0 percent by weight of residual bitumen. Use an unmodified asphalt with a minimum performance grade of 64-16 (as defined in Item 300) or better for aggregate precoating.

ITEM 310: PRIME COAT

Prime coat will only be applied when the ambient temperature is above 60°F and when the ambient temperature is above 50°F and rising.

ITEM 316: SURFACE TREATMENTS

Apply either a single-course or double-course surface treatment on existing pavement surface, as specified. Place a string line or other suitable markings where needed to assure smooth neat lines, or as needed. Rates are shown below. Asphalt cement will only be applied between April 15 and September 15 unless approved by the engineer. Ambient temperature for application of polymer modified asphalts will be 70°F and rising but will not be applied when the temperature is 80°F and falling. Do not apply when the surface temperature is below 70°F. Contractor shall utilize paper-joint method at all start and stop points when applying asphalt.

SINGLE COURSE

GENERAL APPLICATION RATES FOR ASPHALT	
TYPE	APPLICATION RATE
MC-30 (TACK COAT FOR PATCHING)	0.25 GAL/SY
AC-20-5TR (SEAL COAT – SINGLE COURSE)	0.40 GAL/SY

GENERAL APPLICATION RATES FOR AGGREGATE	
TYPE	APPLICATION RATE
AGGR (TY PB GR 4 SAC-B – FIRST COURSE)	1/95 (CY/SY)

TWO COURSE

GENERAL APPLICATION RATES FOR ASPHALT	
TYPE	APPLICATION RATE
MC-30 (TACK COAT FOR PATCHING)	0.25 GAL/SY
AC-20-5TR (SEAL COAT – FIRST COURSE)	0.45 GAL/SY
AC-20-5TR (SEAL COAT – SECOND COURSE)	0.40 GAL/SY

GENERAL APPLICATION RATES FOR AGGREGATE	
TYPE	APPLICATION RATE
AGGR (TY PB GR 3 SAC-B – FIRST COURSE)	1/85 (CY/SY)
AGGR (TY PB GR 4 SAC-B – SECOND COURSE)	1/100 (CY/SY)

These rates serve as general guidelines and may be adjusted at the discretion of the engineer as conditions warrant.

ITEM 341: DENSE GRADED HOT-MIX ASPHALT

Hot-mix asphalt for pothole repairs and pavement edge repairs to be Type D in accordance with this item.

ITEM 351: FLEXIBLE PAVEMENT STRUCTURE REPAIR

Pothole repairs to be completed in accordance with this item.

ITEM 502: BARRICADES, SIGNS, AND TRAFFIC HANDLING

See the traffic control and sequence of work plan for all requirements for Item 502 including traffic control and sequence of work plans.

ITEM 666: RETROREFLECTORIZED PAVMENT MARKING

Roads to be striped with Type II traffic paint. Striping to be performed as indicated on plans. Prior to applying markings, work area shall be allowed to cure for 30 calendar days and be swept free of loose material. Striping lengths measured by centerline, contractor to calculate striping quantities based on provided lengths.