

INDEX OF SHEETS

STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION

FHWA TEXAS DIVISION	PROJECT NO. MMC 6400-72-001		SHEET NO. 1
STATE TEXAS	DISTRICT LFK	COUNTY ANGELINA	
CONTROL 6400	SECTION 72	JOB 001	HIGHWAY NO. FM 324

SHEET NO. DESCRIPTION GENERAL

- 1 TITLE SHEET
- 2 SITE MAP
- 3, 3A-3B GENERAL NOTES
- 4 ESTIMATE & QUANTITY SHEET
- 5 QUANTITY SUMMARIES

PLANS OF PROPOSED
STATE HIGHWAY IMPROVEMENT
TYPE OF WORK:

**SUPERPAVE MIXTURES & DENSE-GRADED HOT-MIX
ASPHALT (SMALL QUANTITY): MATERIALS ONLY**

MMC 6400-72-001

FM 324

ANGELINA COUNTY MAINTENANCE SECTION
(PICK UP AT PLANT AND DELIVERY TO SITES)

SEE SHEET #2 FOR SITE MAP

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DocuSigned by:
Jeremy King, P.E.
DISTRICT MAINTENANCE ENGINEER
5135292FE4184A4...

3/23/2022

DATE

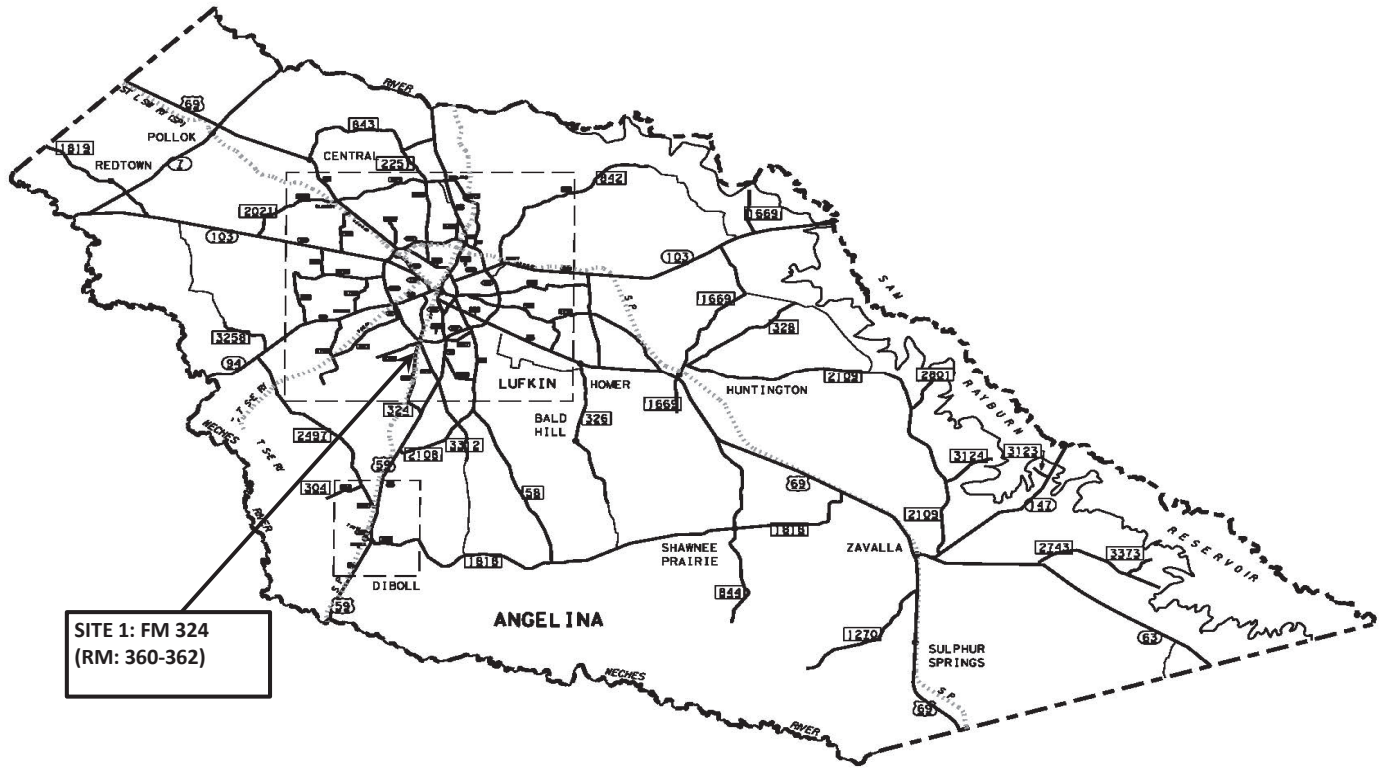
APPROVED FOR LETTING:

DocuSigned by:
Zoe Boyer, P.E.
DA6ECD29BC5C492...
DIRECTOR OF OPERATIONS


3/23/2022

DATE

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



SITE 1: FM 324
(RM: 360-362)

SITE MAP			
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CONT	SECT	JOB	HIGHWAY
6400	72	001	FM 324
DIST	COUNTY		SHEET NO.
LFK	ANGELINA		2

Project Number: MMC 6400-72-001**Control: 6400-72-001****County: Angelina****Highway: FM 324****GENERAL NOTES:**

PROJECT DESCRIPTION: Provide Superpave Mixtures TY C and Dense-Graded Hot-Mix Asphalt Types B (Materials Only) at the plant for pickup to use on state-maintained roadways within the Angelina County Maintenance Section. Deliver Dense-Graded Hot-Mix Asphalt, Type D (material only) to specified state-maintained roadways in the Angelina County Maintenance Section.

Jeremy King Jeremy.King@txdot.gov
 Misty Raney Misty.Raney@txdot.gov

Contractor questions will only be accepted through email to the above individual(s). 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%20Responses/>

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.

TXDOT PROJECT SUPERVISORS: All work on this contract will be scheduled and directed by the Maintenance Section Supervisor listed below. Payment will be made monthly for work completed and accepted according to specifications. All payment requests should be directed to the following Maintenance Section Supervisor listed below.

<u>COUNTY</u>	<u>SUPERVISOR</u>	<u>ADDRESS</u>	<u>CONTACT #</u>
Angelina	Josh Bobbitt	1410 Kurth Drive Lufkin, TX 75901	(936) 634-3414

CONTRACT PROSECUTION: 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.

Prior to beginning operations, the Department will arrange a preconstruction conference between representatives of the Department and the Contractor. In this meeting, the representatives from all parties will discuss the contract, proposed procedures and the plans for performing the work while providing for safe passage of traffic at all times. Specifications, unusual conditions, and other pertinent items regarding the work will also be discussed.

Project Number: MMC 6400-72-001

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ITEM 2: INSTRUCTIONS TO BIDDERS

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

<https://www.txdot.gov/business/letting-bids/plans-online.html>

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

http://www.dot.state.tx.us/business/contractors_consultants/repro_companies.htm

Bid items on this contract are listed to establish a unit price for each item. Certain items listed in the proposal may not be used if it is determined by the Engineer that the work will not be required. Actual work performed as directed will be paid utilizing these prices with no further compensation made regardless of the final quantities.

ITEM 4: SCOPE OF WORK

The contract may be extended twice if in the judgment of the Engineer, the contractor has satisfactorily fulfilled the terms and conditions of the contract. The extension must be agreed upon in writing by both parties to the contract and may be extended for an additional period of time not to exceed the original contract time period. The extended contract may be for additional quantities up to the original bid quantities plus any quantities added by an approved change order. The extensions shall meet the terms and conditions of the original contract or any mutually agreed modifications to the said terms and conditions by one or more cumulative change orders. The Engineer will set a deadline for completing the agreements. This deadline will be based in the time needed to re-let and award a new contract if no extension is agreed upon.

ITEM 8: PROSECUTION AND PROGRESS

Contract Time - The number of calendar days for this project shall be 120 days or until contract funds are expended.

Time charges will be in accordance with Article 8.3.1.5 "Calendar Day".

Per Special Provision 000-658, Schedule of Liquidated Damages, charges could occur if requested materials are not ready for pick-up and/or delivery with a 24 hours' notice. Notify the Angelina County Maintenance Supervisor when encountering any unforeseen delays.

ITEM 500: MOBILIZATION

Mobilization does not apply to this materials contract.

ITEM 8006. SUPERPAVE MIXURES (MATERIALS ONLY)

No Department-owned RAP is available.

Project Number: MMC 6400-72-001**Control: 6400-72-001****County: Angelina****Highway: FM 324, ETC.**

Use aggregate that meets the SAC requirements of Class A. TX-203 will be ran on the complete mix and a requires minimum of 45%.

Use of a substitute PG binder one grade below the PG binder specified will be allowed as long as the material meets the originally specified binders Hamburg requirements. The above criteria must continue to be met during production, and additional tests will be performed at a frequency determined by the engineer. Binder substitution is limited to a reduction in one high temperature grade. The limitation does not apply to low temperature grade. Binder substitution is allowed when aged recycled binder is used.

Add hydrated lime to all HMA mixtures at a minimum rate of 1.0% by weight of the total aggregate, except for those mixtures containing RAP and/or RAS. Mixtures that contain RAP and/or RAS shall be designed at a minimum rate of 0.5 % of lime by weight and the test results will be evaluated by the engineer to determine if lime or a liquid anti-strip additive will be used. The hydrated lime shall meet the requirements of DMS-6350, "Lime and Lime Slurry". The hydrated lime shall be added in accordance with the construction method in Item 301, "Asphalt Antistripping Agents". This lime will be subsidiary to this item.

Trial batches may be required whenever the design has not been produced in the previous 12 months. Trial batches will be subsidiary to the bid item.

On Table 1, under 3077.2.1.3, the Sand equivalent, %, Min is void and not replaced. The minimum percent for the sand equivalent shall be 45 for the combined aggregate.

**ITEM 8011: DENSE-GRADED HOT-MIX ASPHALT (SMALL QUANTITY)
(MATERIALS ONLY)**

No RAS will be allowed. Use aggregate that meets the SAC requirement of Class B. Use a Texas Gyrotory Compactor (TGC) or a Superpave Gyrotory Compactor (SGC) to design the mixture.

Add hydrated lime to all HMA mixtures at a minimum rate of 1.0% by weight of the total aggregate, except for those mixtures containing RAP. Mixtures that contain RAP and/or RAS shall be designed at a rate of minimum 0.5% of lime by weight and the test results will be evaluated by the engineer to determine if lime or a liquid anti-strip additive will be used. The hydrated lime shall meet the requirements of DMS-6350, "Lime and Lime Slurry". The hydrated lime shall be added in accordance with the construction method in Item 301, "Asphalt Antistripping Agents, unless otherwise approved. This lime will be subsidiary to this item.

The Plant is the designated aggregate sampling location, unless otherwise approved by the Engineer.

This contract is for small quantities only. The contractor shall be able to provide agreed upon amounts as needed. Contact the Angelina County Maintenance Supervisor at least 1 hour prior to delivery.

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The Contractor's driver shall report to the Angelina County Maintenance Supervisor or their representative at the time of arrival at the final delivery location and obtain a signature documenting the date and time of delivery and departure.

The site locations for deliveries are as follows:

- Site 1: FM 324 (RM 360 -362)
500 Tons Needed
Minimum – 250 Tons Per Day (May Vary)

For Hauling Operations

- Roadway delivery times will be scheduled by the Angelina County Maintenance Supervisor.
- Plant will be no further than (50) miles from the Angelina County Maintenance Section.

For Pick Up Operations:

- Contractor will have material ready for pick-up on the mutually agreed upon day and time.
- Contractor pick-up site will be no further than fifty (50) miles from the Angelina County Maintenance Yard.
- A minimum of 500 tons of Superpave will be picked up each time. It is estimated that there will be between 6 – 8 pick-ups.



Estimate & Quantity Sheet

COUNTY Angelina


CONTROLLING PROJECT ID 6400-72-001

DISTRICT Lufkin
HIGHWAY FM0324

CONTROL SECTION JOB		6400-72-001		TOTAL EST.	TOTAL FINAL
PROJECT ID	A00186982				
COUNTY	Angelina				
HIGHWAY	FM0324				
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL
	8006-6016	SP TY C PG 76-22 (PICKUP)	TON	1,500.000	1,500.000
	8011-6011	D-GR HMA(SQ)TY D PG 64-22 (DLVR)SITE 1	TON	900.000	900.000
	8011-6014	D-GR HMA(SQ)TY B PG 64-22 (PICKUP)	TON	500.000	500.000

DISTRICT	COUNTY	CCSJ	SHEET
Lufkin	Angelina	6400-72-001	4

SUMMARY OF MATERIALS ITEMS				
ITEM NO.		8006-6016	8011-6011	8011-6014
COUNTY	HIGHWAY NO.	SP TY C PG 76-22 (PICKUP)	D-GR HMA(SQ)TY D PG 64-22 (DLVR) SITE 1	D-GR HMA(SQ)TY B PG 64-22 (PICKUP)
		TON		
ANGELINA		1,500		
ANGELINA	SITE 1: FM 324 (RM 360-362)		900	
ANGELINA				500
PROJECT TOTALS		1,500	900	500

QUANTITY SUMMARIES			
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CONT	SECT	JOB	HIGHWAY
6400	72	001	FM 324
DIST	COUNTY		SHEET NO.
LFK	ANGELINA		5