

INDEX OF SHEETS

STATE OF TEXAS  
DEPARTMENT OF TRANSPORTATION

FHWA	PROJECT NO.		SHEET NO.
TEXAS	MMC 6400-36-001		1
DIVISION			
STATE	DISTRICT	COUNTY	
TEXAS	LFK	NACOGDOCHES	
CONTROL	SECTION	JOB	HIGHWAY NO.
6400	36	001	FM 343

SHEET NO.    DESCRIPTION GENERAL

- 1            TITLE SHEET
- 2, 2A-2C    GENERAL NOTES
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PLANS OF PROPOSED  
STATE HIGHWAY IMPROVEMENT  
TYPE OF WORK:

**SUPERPAVE MIXTURES & DENSE-GRADED HOT-MIX  
ASPHALT (SMALL QUANTITY): MATERIALS ONLY**  
MMC 6400-36-001

**FM 343**

NACOGDOCHES COUNTY MAINTENANCE SECTION  
(PICKUP FROM PLANT)

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

3/10/2022

DATE

APPROVED FOR LETTING:

DocuSigned by:  
*Z. Boyd, P.E.*  
DA6ECD29BC5C492...  
DIRECTOR OF OPERATIONS

3/10/2022

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.

**Project Number: MMC 6400-36-001****Control: 6400-36-001****County: Nacogdoches****Highway: FM 343****GENERAL NOTES:**

**PROJECT DESCRIPTION:** Provide Superpave Mixtures TY C and Dense-Graded Hot-Mix Asphalt Types B, C & D (Materials Only) at the plant for pickup to use on state-maintained roadways within the Nacogdoches County Maintenance Section.

Jeremy King                      [Jeremy.King@txdot.gov](mailto:Jeremy.King@txdot.gov)  
 Misty Raney                      [Misty.Raney@txdot.gov](mailto: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>
Nacogdoches	Jack Smith	918 Industrial Blvd. Nacogdoches, TX 75961	(936) 585-7041

**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.

**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>

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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](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 Nacogdoches 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.

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

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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.

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.

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.

#### **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 A. Use a Texas Gyratory Compactor (TGC) or a Superpave Gyratory 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.

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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.

**For Pick Up Operations:**

- Contractor will have material ready for pickup on the mutually agreed upon day and time.
- Contractor pick-up site will be no further than fifty (50) miles from the Nacogdoches County Maintenance Yard.
- It is estimated that 200 – 300 tons of material will be picked up at a time but this may vary due to work load and weather-related issues.



# Estimate & Quantity Sheet

COUNTY Nacogdoches


DISTRICT Lufkin  
HIGHWAY FM0343

CONTROLLING PROJECT ID 6400-36-001

CONTROL SECTION JOB		6400-36-001		TOTAL EST.		TOTAL FINAL	
PROJECT ID		A00186667					
COUNTY		Nacogdoches					
HIGHWAY		FM0343					
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL		
	8006-6016	SP TY C PG 76-22 (PICKUP)	TON	1,000.000		1,000.000	
	8011-6001	D-GR HMA(SQ) TY D PG 64-22 (PICKUP)	TON	300.000		300.000	
	8011-6014	D-GR HMA(SQ) TY B PG 64-22 (PICKUP)	TON	500.000		500.000	
	8011-6016	D-GR HMA(SQ) TY C PG 64-22 (PICKUP)	TON	1,000.000		1,000.000	

DISTRICT	COUNTY	CCSJ	SHEET
Lufkin	Nacogdoches	6400-36-001	3

SUMMARY OF MATERIALS ITEMS					
ITEM NO.		8006-6016	8011-6001	8011-6014	8011-6016
COUNTY	HIGHWAY NO.	SP TY C PG 76-22 (PICKUP)	D-GR HMA(SQ) TY D PG 64-22 (PICKUP)	D-GR HMA(SQ) TY B PG 64-22 (PICKUP)	D-GR HMA(SQ)TY C PG 64-22 (PICKUP)
		TON			
NACOGDOCHES		1,000			
NACOGDOCHES			300		
NACOGDOCHES				500	
NACOGDOCHES					1,000
<b>PROJECT TOTALS</b>		<b>1,000</b>	<b>300</b>	<b>500</b>	<b>1,000</b>

QUANTITY SUMMARIES			
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CONT	SECT	JOB	HIGHWAY
6400	36	001	FM 343
DIST	COUNTY		SHEET NO.
LFK	NACOGDOCHES		4