

| | | | |
|----------|-----------------|---------|-------------|
| FHWA | PROJECT NO. | | SHEET NO. |
| TEXAS | MMC 6473-10-001 | | 1 |
| DIVISION | | | |
| STATE | DISTRICT | COUNTY | |
| TEXAS | LFK | TRINITY | |
| CONTROL | SECTION | JOB | HIGHWAY NO. |
| 6473 | 10 | 001 | US 287 |

INDEX OF SHEETS

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| 2, 2A | TITLE SHEET |
| 3 | GENERAL NOTES |
| 3 | ESTIMATE & QUANTITY SHEET |
| 4 | QUANTITY SUMMARY |

STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED
STATE HIGHWAY IMPROVEMENT
TYPE OF WORK:

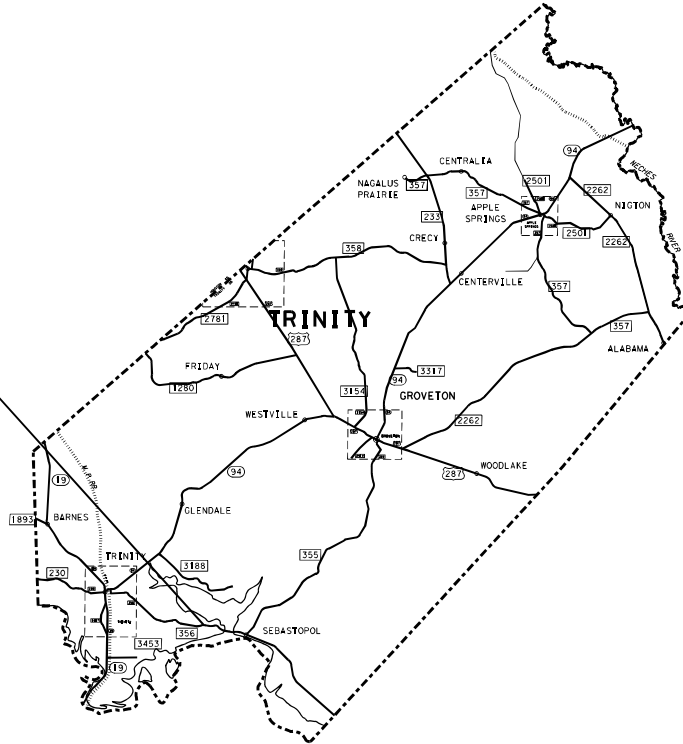
SUPERPAVE MIXTURES & DENSE-GRADED HOT-MIX : MATERIALS ONLY

MMC 6473-10-001

US 287

TRINITY COUNTY MAINTENANCE SECTION
(PICK UP AT PLANT AND DELIVERY)

SITE 1:
FM 356
(RM 690-702)



© 2024
Texas Department of Transportation

RECOMMENDED FOR LETTING:

DocuSigned by:
L. Preslie Gerlands P.E. 10/17/2024
61B7A0C08C42465...
DISTRICT MAINTENANCE ENGINEER DATE
APPROVED FOR LETTING:

DocuSigned by:
L. Preslie Gerlands P.E. 10/17/2024
DIRECTOR OF MAINTENANCE DATE

SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION
SEPTEMBER 1, 2024 AND SPECIAL SPECIFICATION ITEMS INCLUDED IN THE
CONTRACT SHALL GOVERN ON THIS PROJECT.

NOT TO SCALE

Project Number: 6473-10-001

Control: 6473-10-001

County: Trinity

Highway: US 287

GENERAL NOTES:

PROJECT DESCRIPTION: Provide Superpave Mixture TY C and Dense Graded Hot-Mix Type D (materials only) at the plant for pickup and Dense Graded Hot-Mix Type D (materials only) to be delivered for use on state-maintained roadways within the Trinity County Maintenance Section.

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

Preslie Gerland Lauren.Perry@txdot.gov
 Jenna Hopper Jenna.Lenderman@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.

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> |
|---------------|-------------------|---|------------------|
| Trinity | David Wars | 844 W. 1 st Street Groveton, TX 75845 | (936) 642-1132 |

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.

SECTION 10.2 - 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

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.

SECTION 10.4 - 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.

SECTION 10.8 - PROSECUTION AND PROGRESS:

Contract Time - The number of calendar days for this project shall be 180 days or until contract funds are expended. Calendar days will be charged in accordance with Article 10.8.2., "Contract Term".

For "pick-up" operations, have materials ready within the time frame listed on the work order, unless otherwise approved by the Engineer. Notify the Maintenance Section Supervisor when encountering any unforeseen delays.

Contractors will receive work orders for any needed quantities. These work orders will outline the quantities either being picked up at the plant or delivered to a designated work location. Each time work is requested on this contract, a work order will be completed.

All material delivery tickets must include the Work Order number and be signed, dated, and list the arrival/departure times by the Department representative upon arrival at final delivery location.

Failure to complete a work order will incur damages in accordance with Article 10.8.6. Actual damages incurred will be deducted from the work order payment and calculations will be provided upon request.

Providing material that does not meet the requirements of the specification does not constitute delivery and the Contractor may be required to remove all failed materials from the site. Applicable damages may continue to accrue until the Contractor delivers materials in full compliance to the designated site.

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SECTION 10.9 – MEASUREMENT AND PAYMENT:

Contractor is responsible for obtaining annual overweight tolerance permit if hauling material which exceeds the legal road weight.

Trucks may be held for up to 2 hr at the jobsite at no additional expense to the Department. Written documentation of arrival will be used when calculating demurrage charges and included on an invoice submitted to the managing office. The Department will specify the arrival time and delivery frequency on the work order provided to the Contractor. If the Contractor arrives prior to the specified delivery time, the 2 hr hold will not begin until the arrival time specified on the work order.

Contractor will provide demurrage rate per truck, per 15-min increment, at the Coordination call prior to beginning work on the Contract.

Demurrage charges will be invoiced in 15-min increments, rounded down to the nearest whole increment. Contractor will be required to provide documentation for the demurrage per truck.

ITEM 500: MOBILIZATION

Mobilization does not apply to this materials contract.

ITEM 8017: SUPERPAVE MIXTURE (MATERIALS ONLY)

No Department-owned RAP is available.

Use aggregate that meets the SAC requirements of Class A.

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.

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

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**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 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.

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 County Maintenance Yard.



CONTROLLING PROJECT ID 6473-10-001

DISTRICT Lufkin
HIGHWAY US0287

COUNTY Trinity

Estimate & Quantity Sheet

| CONTROL SECTION JOB | | | | 6473-10-001 | | TOTAL EST. | TOTAL FINAL |
|---------------------|-----------|---|------|-------------|-------|------------|-------------|
| PROJECT ID | | | | A00212124 | | | |
| COUNTY | | | | Trinity | | | |
| HIGHWAY | | | | SH0094 | | | |
| ALT | BID CODE | DESCRIPTION | UNIT | EST. | FINAL | | |
| | 8011-7055 | D-GR HMA TY D PG 64-22 (PICKUP) | TON | 1,000.000 | | 1,000.000 | |
| | 8011-7056 | D-GR HMA TY D PG 64-22 (DEL) SITE 1 | TON | 1,000.000 | | 1,000.000 | |
| | 8017-7037 | SP MIXTURES SP-C PG76-22 SAC A (PICKUP) | TON | 350.000 | | 350.000 | |

| SUMMARY OF MATERIAL ITEMS | | | | |
|---------------------------|--------------------------------|---|------------------------------------|--|
| ITEM NO. | | 8017-7037 | 8011-7055 | 8011-7056 |
| COUNTY | HIGHWAY NO. | SP MIXTURES SP-C PG76-22 SAC A (PICKUP) | D-GR HMA TY D PG 64-22 (PICKUP) | D-GR HMA TY D PG 64-22 (DEL) SITE 1 |
| | | TON | | |
| TRINITY | | 350 | 1,000 | |
| TRINITY | SITE 1: FM 356 (RM 690-702) | | | 1,000 |
| PROJECT TOTALS: | | 350 | 1,000 | 1,000 |

**QUANTITY
SUMMARY**



| | | | |
|------|---------|-----------|---------|
| CONT | SECT | JOB | HIGHWAY |
| 6473 | 10 | 001 | US 287 |
| DIST | COUNTY | SHEET NO. | |
| LFK | TRINITY | 4 | |