

FHWA TEXAS DIVISION		PROJECT NO.	SHEET NO.
		MMC 6449-95-001	1
STATE	DISTRICT	COUNTY	
TEXAS	LFK	ANGELINA	
CONTROL	SECTION	JOB	HIGHWAY NO.
6449	95	001	BU 69J, ETC.

INDEX OF SHEETS

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	GENERAL
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2-11	SITE MAPS
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13	ESTIMATE & QUANTITY SHEET
14	QUANTITY SUMMARIES

STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION



PLANS OF PROPOSED
STATE HIGHWAY IMPROVEMENT
TYPE OF WORK:

BRINE SOLUTION (MATERIALS ONLY)

MMC 6449-95-001

BU 69J, ETC.

ANGELINA, HOUSTON, NACOGDOCHES, POLK, SABINE, SAN AUGUSTINE, SAN JACINTO,
SHELBY, TRINITY COUNTY MAINTENANCE SECTIONS & LUFKIN DISTRICT MAINTENANCE
(YARD DELIVERIES AND PICKUP)

SEE SHEET NO. 2-11 FOR SITE MAPS



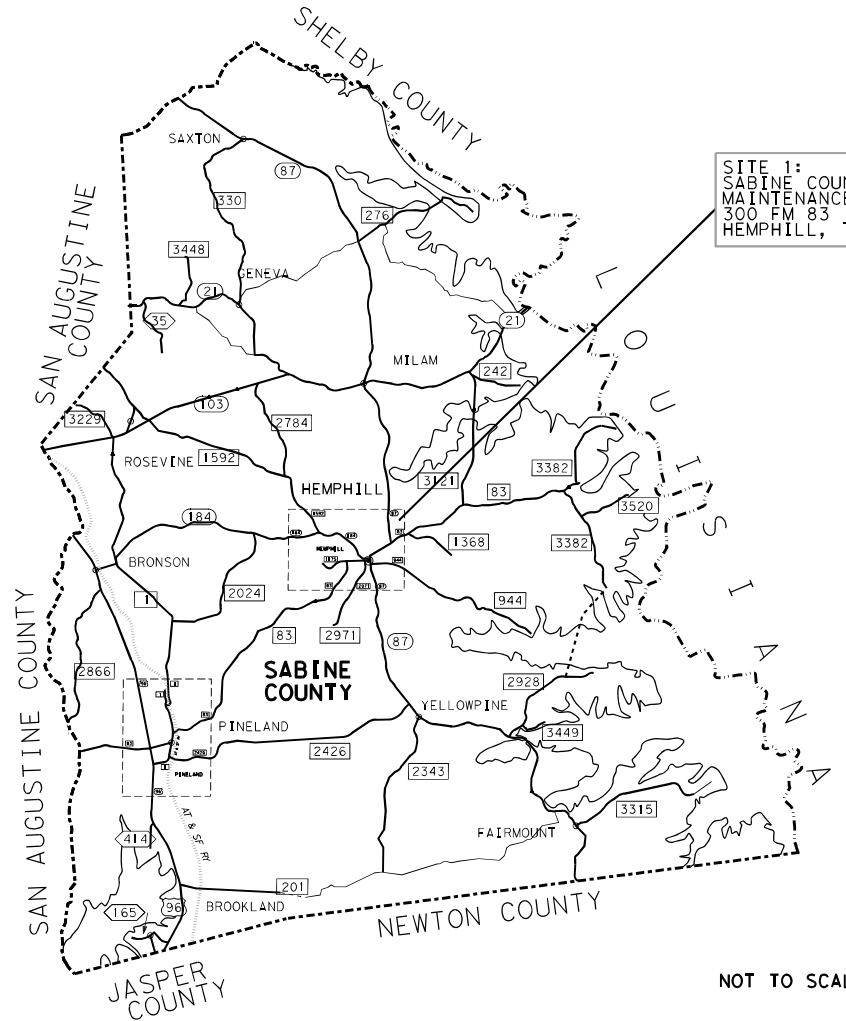
RECOMMENDED FOR LETTING:

DocuSigned by:
Jeremy King, PE. 7/26/2023
DISTRICT MAINTENANCE ENGINEER DATE
5135292FE4184A4...

APPROVED FOR LETTING:

DocuSigned by:
Kevin Buchanan 7/26/2023
DIRECTOR OF OPERATIONS DATE
DIREC02896C0492...

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



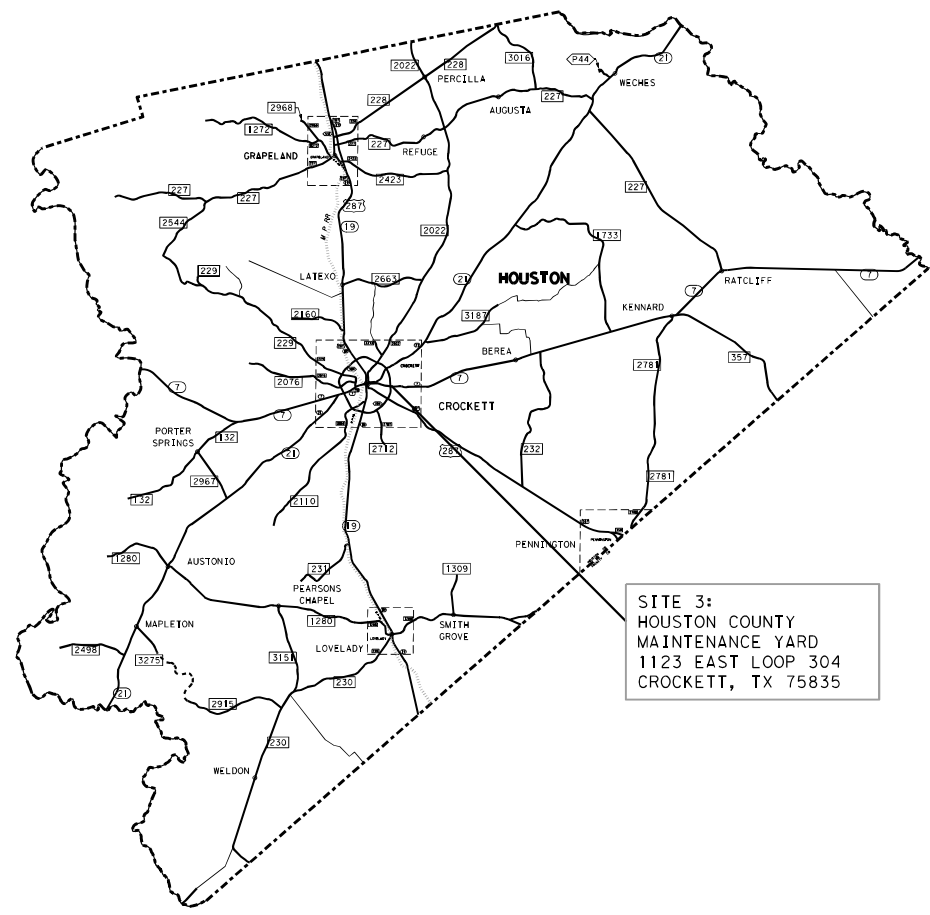
SITE 1:
 SABINE COUNTY
 MAINTENANCE YARD
 300 FM 83
 HEMPHILL, TX 75949

NOT TO SCALE

SITE MAP




CONT	SECT	JOB	HIGHWAY
6449	95	001	BU 69J, ETC.
DIST	COUNTY	SHEET NO.	
LFK	ANGELINA	2	

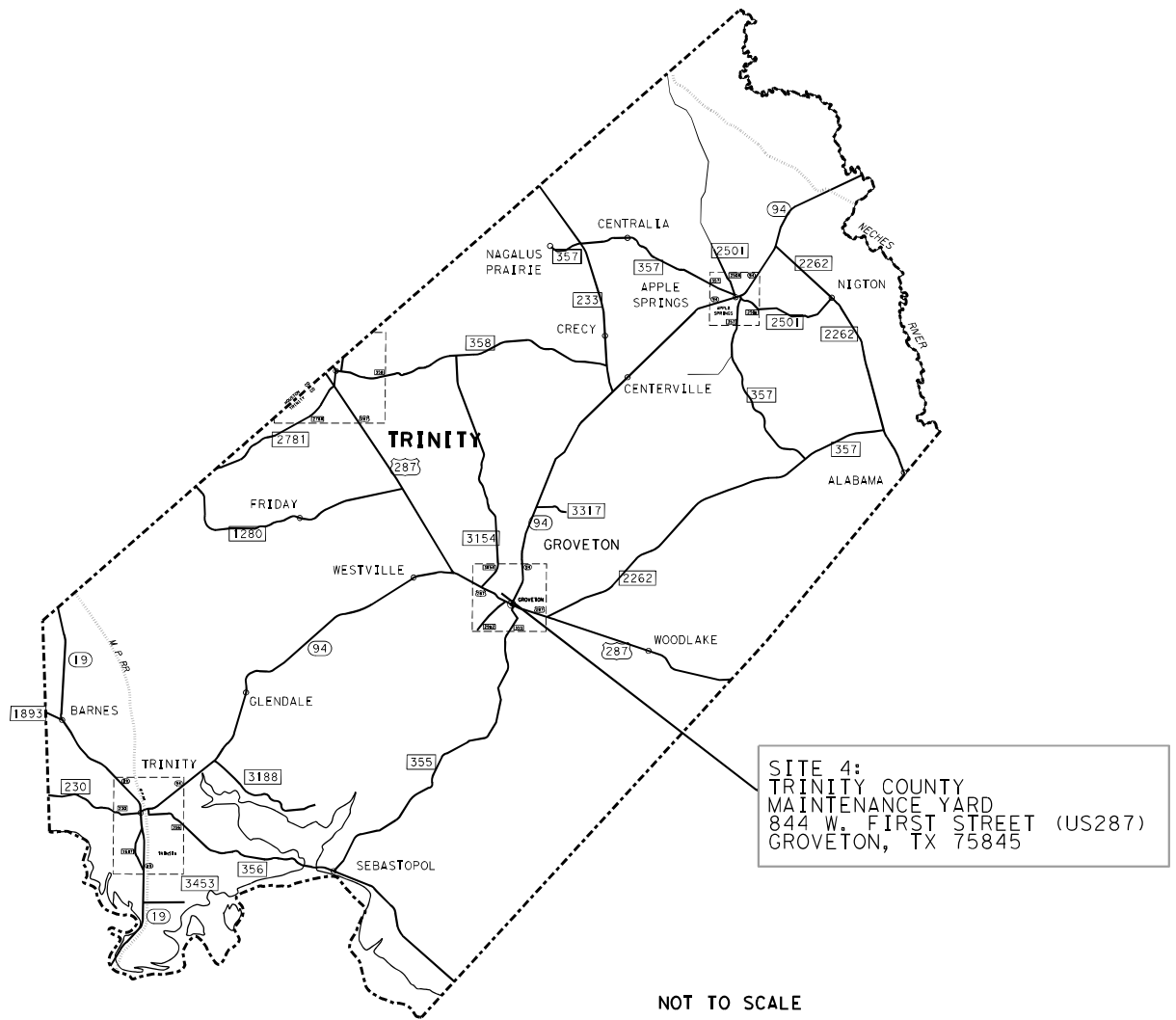


NOT TO SCALE

SITE MAP


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 Texas Department of Transportation®

CONT	SECT	JOB	HIGHWAY
6449	95	001	BU 69J, ETC.
DIST		COUNTY	SHEET NO.
LFK		ANGELINA	4

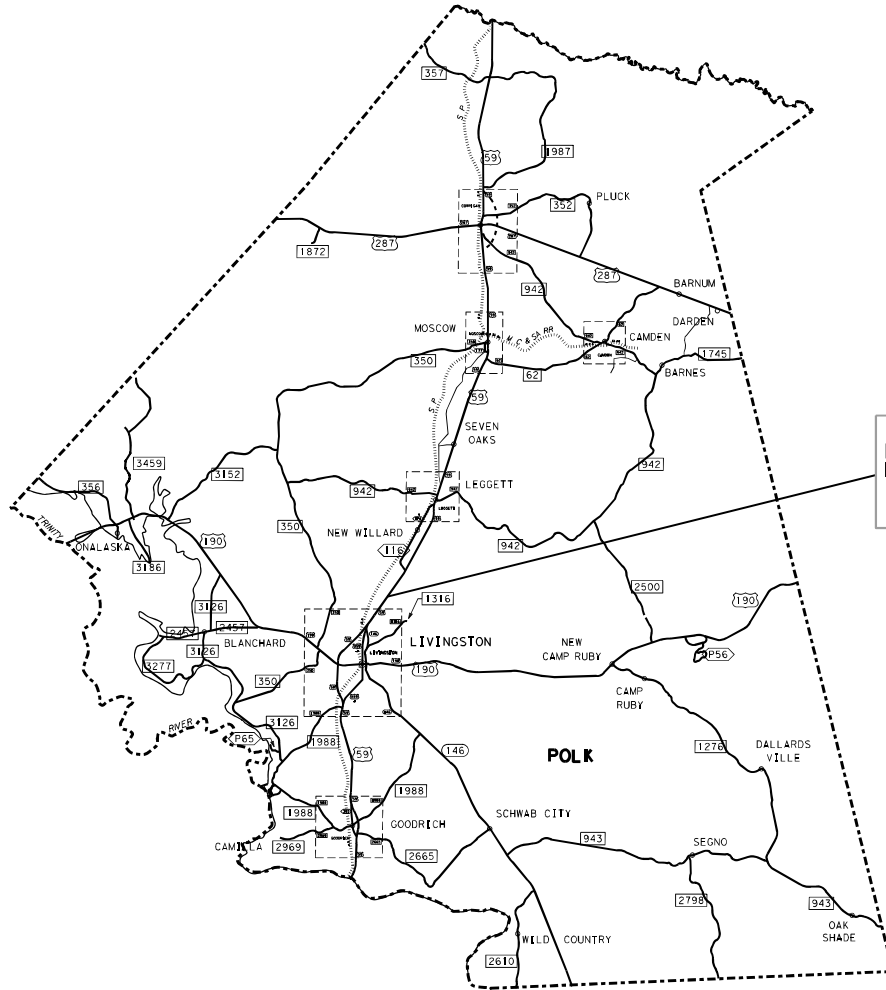


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SITE MAP

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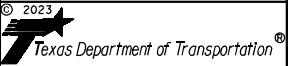
CONT	SECT	JOB	HIGHWAY
6449	95	001	BU 69J, ETC.
DIST	COUNTY		SHEET NO.
LFK	ANGELINA		5



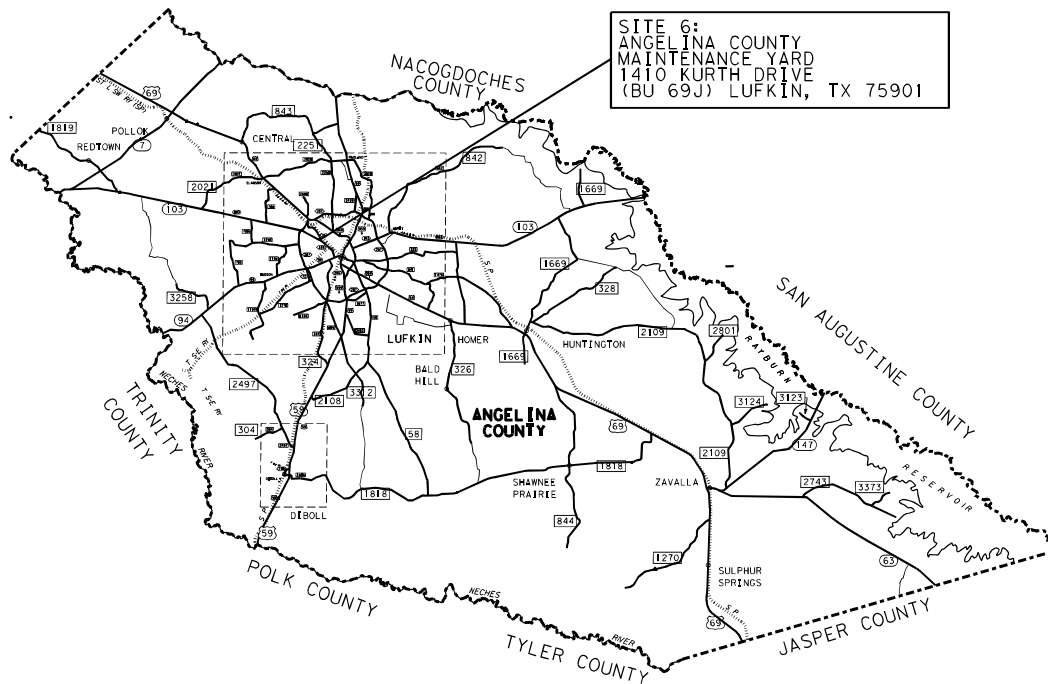
SITE 5:
 POLK COUNTY
 MAINTENANCE YARD
 3161 US HWY 59 NORTH
 LIVINGSTON, TX 77351

NOT TO SCALE

SITE MAP



CONT	SECT	JOB	HIGHWAY
6449	95	001	BU 69J, ETC.
DIST	COUNTY		SHEET NO.
LFK	ANGELINA		6



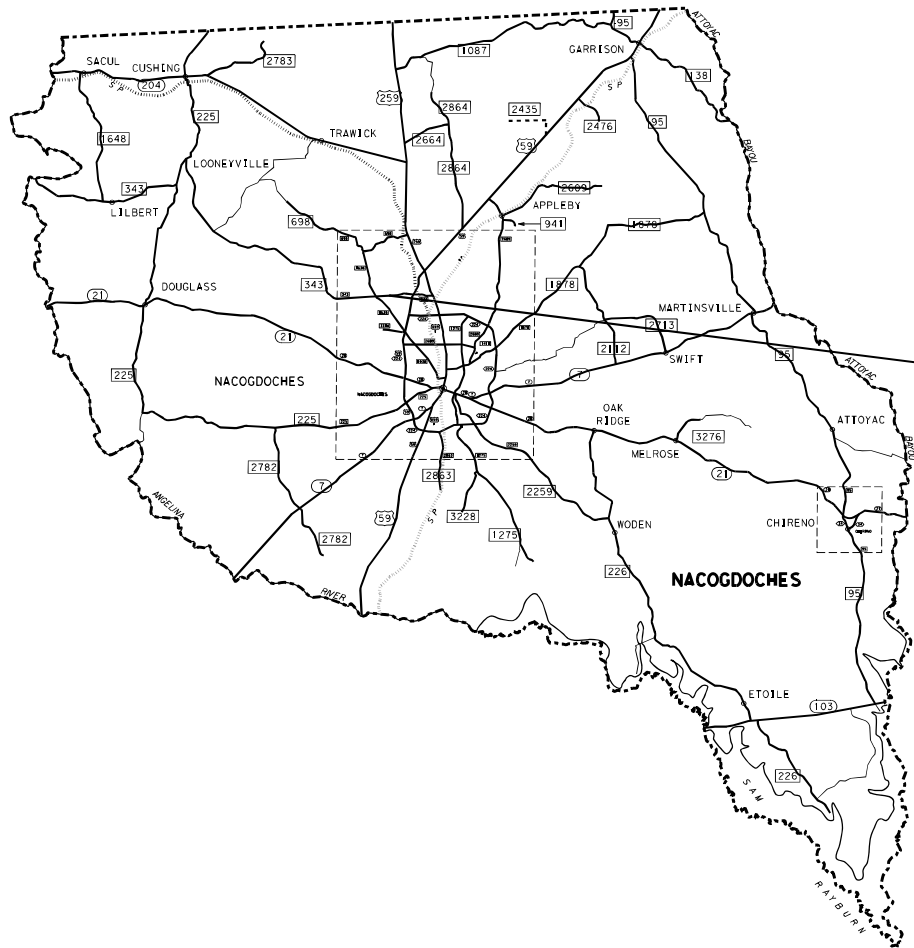
SITE 6:
ANGELINA COUNTY
MAINTENANCE YARD
1410 KURTH DRIVE
(BU 69J) LUFKIN, TX 75901

NOT TO SCALE

SITE MAP

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CONT	SECT	JOB	HIGHWAY
6449	95	001	BU 69J, ETC.
DIST	COUNTY	SHEET NO.	
LFK	ANGELINA	7	



SITE 7:
 NACOGDOCHES COUNTY
 MAINTENANCE YARD
 918 INDUSTRIAL BLVD
 (FM 343)

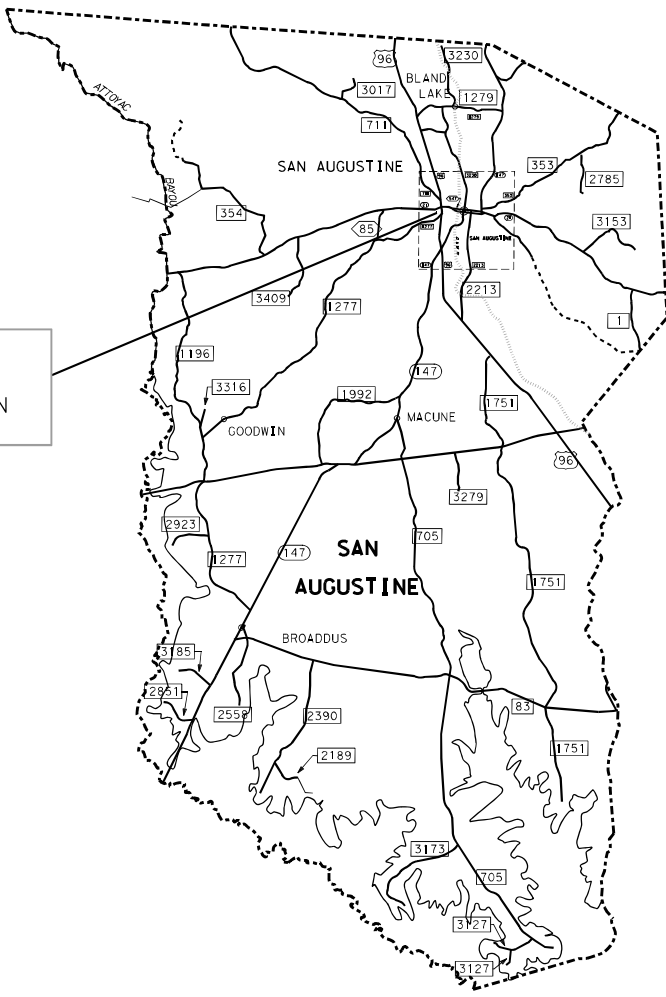
NOT TO SCALE

SITE MAP



CONT	SECT	JOB	HIGHWAY
6449	95	001	BU 69J, ETC.
DIST	COUNTY		SHEET NO.
LFK	ANGELINA		8

SITE 8:
 SAN AUGUSTINE COUNTY
 MAINTENANCE YARD
 US 96 SOUTH AT SH 21 SAN
 AUGUSTINE, TX 75972

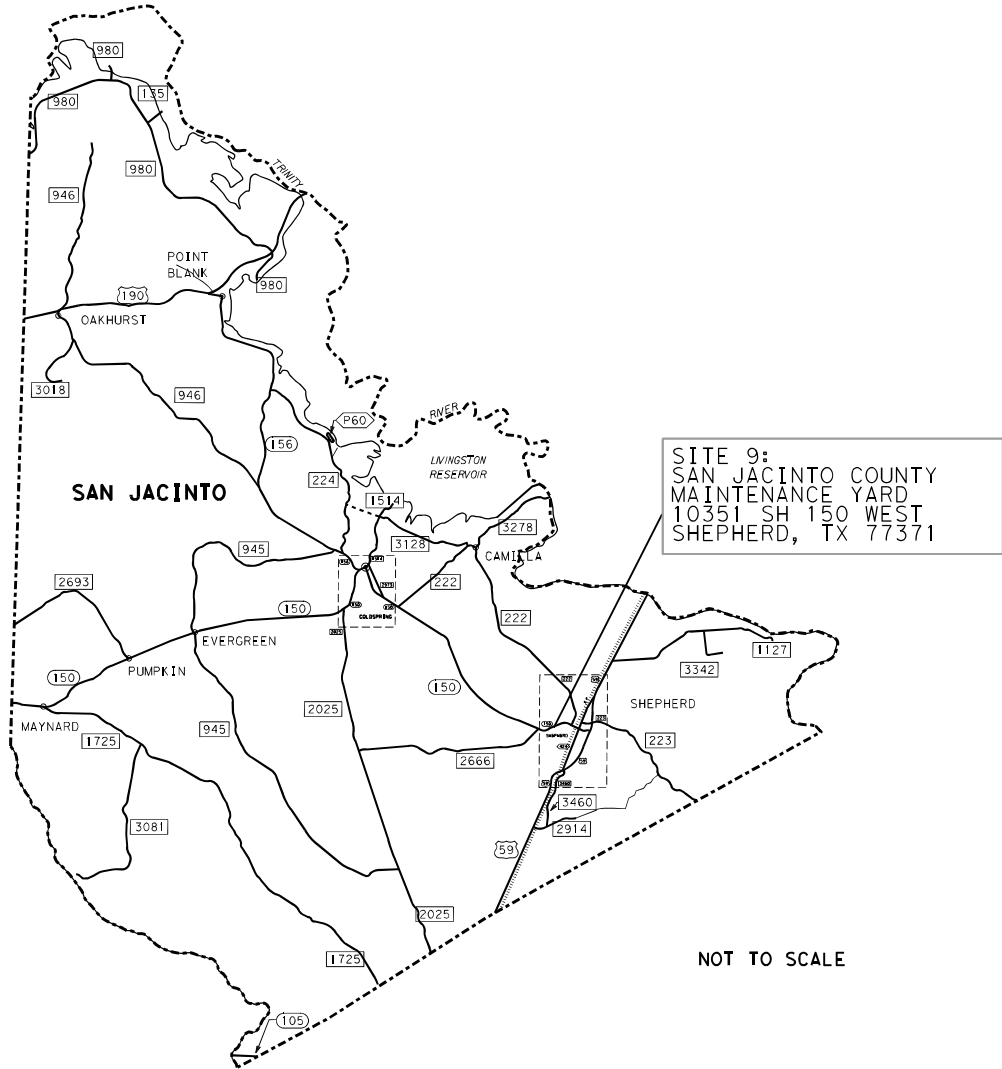


NOT TO SCALE

SITE MAP

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CONT	SECT	JOB	HIGHWAY
6449	95	001	BU 69J, ETC.
DIST	COUNTY		SHEET NO.
LFK	ANGELINA		9



SITE MAP

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CONT	SECT	JOB	HIGHWAY
6449	95	001	BU 69J, ETC.
DIST	COUNTY		SHEET NO.
LFK	ANGELINA		10

Project Number: MMC 6449-95-001**Control: 6449-95-001****County: ANGELINA, ETC.****Highway: BU 69J, ETC.****GENERAL NOTES:**

PROJECT DESCRIPTION: Deliver Fracking Brine Solution (material only) to Maintenance Yards of the supervisors listed below.

Brine Solution and Fracking Brine Solution (material only) will also be available for pick-up by the supervisors listed below.

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

Jeremy King Jeremy.King@txdot.gov
 Jenna Lenderman 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.

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.

TXDOT PROJECT SUPERVISORS: All work on this contract will be scheduled and directed by the Site Maintenance Section Supervisors 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	Steven Harris	1410 Kurth Drive Lufkin, TX 75901	(936) 634-3493
Houston	Danny "D.R." Luna	1123 East Loop 304 Crockett, TX 75835	(936) 544-2264
Nacogdoches	Jack Smith	918 Industrial Blvd. Nacogdoches, TX 75961	(936) 585-7041
Polk	James Henagan	3161 US Highway 59 North Livingston, TX 75901	(936) 327-8914
Sabine	Kenneth Courville	300 FM 83 Hemphill, TX 75949	(409) 787-1751

Project Number: MMC 6449-95-001**Control: 6449-95-001****County: ANGELINA, ETC.****Highway: BU 69J, ETC.**

San Augustine	Scott Duffey	US 96 South at SH 21 San Augustine, TX 75972	(936) 275-9671
San Jacinto	Chester Dixon	8066 SH 150 Shepherd, TX 77371	(936) 628-3328
Shelby	Clint Norton	638 State Hwy 7 East Center, TX 75935	(936) 598-4113
Trinity	David Wars	844 W. 1 st Street Groveton, TX 75845	(936) 642-1132
Lufkin District Maintenance	Josh Bobbitt	1805 N. Timberland Dr. Lufkin, TX 75901	(936) 637-6566

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:

http://www.txdot.gov/business/contractors_consultants/plans_online.htm

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

<http://www.txdot.gov/business/letting-bids/repro-companies.html>

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.

Project Number: MMC 6449-95-001

Control: 6449-95-001

County: ANGELINA, ETC.

Highway: BU 69J, ETC.

ITEM 8: PROSECUTION AND PROGRESS

Contract Time - The number of calendar days for this project shall be 210 days or until contract funds are expended.

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

For "pick-up" or "delivery" operations, have materials ready within a 48 hours' notice, unless otherwise approved by the Engineer. Notify the County Maintenance 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.

If a TxDOT road crew is unable to complete the work or is delayed in completing the work due to a late delivery/allowable pickup, actual damages may be computed using labor and equipment rates for hours of downtime and return visits to the job site. If TxDOT has immediate need for material, it may be purchased from another vendor under separate contract and additional costs to purchase material beyond what would have been paid under the original MMC may be charged to the contractor.

Demurrage rates and terms will be discussed during the preconstruction meeting.

ITEM 500: MOBILIZATION

Mobilization does not apply to this materials contract.

ITEM 8032: WINTER WEATHER MATERIAL (MATERIALS ONLY)

Deliver Fracking Brine Solution to treat roadways during snow and ice conditions to the specified maintenance yard unless otherwise directed by the supervisors listed above. Delivery cost for each bulk delivery will be calculated and included in the per gallon cost.

Brine Solution: Provide a pre-mixed solution of Type II brine salt and water containing 23.3% by weight of Type II brine salt with a solution pH between five and nine. Ensure a uniform solution with all Type II brine salt fully dissolved.

Fracking Brine Solution: Provide a pre-mixed solution of Type II brine salt and water containing 26% by weight of Type II brine salt with a solution pH between five and nine. Ensure a uniform solution with all Type II brine salt fully dissolved. Other percentages by weight of Type II brine salt may be acceptable if shown on the plans or provided in writing by the Engineer. The Department will dilute fracking brine to a solution containing 23.3% by weight of brine salt.

Have Fracking Brine and Brine Solution available for pickup by any of the aforementioned.

Project Number: MMC 6449-95-001

Control: 6449-95-001

County: ANGELINA, ETC.

Highway: BU 69J, ETC.

This contract is for small quantities only. The contractor shall be able to provide agreed upon amounts as needed.

Contact the supervisors listed above at least 1 hour prior to delivery.

The Contractor's driver shall report to the supervisors listed above 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.

There are 10 site locations for the delivery of the material on this contract. The site locations are as follows:

- Site 1: Sabine County Maintenance Yard
300 FM 83
Hemphill, Texas 75949
Contact: Kenneth Courville (409) 787-1751
8,400 gallons of Fracking Brine Solution (2 trips)
- Site 2: Shelby County Maintenance Yard
638 State Hwy 7 East
Center, Texas 75935
Contact: Clint Norton (936) 598-4113
21,000 gallons of Fracking Brine Solution (5 trips)
- Site 3: Houston County Maintenance Yard
1123 East Loop 304
Crockett, Texas 75835
Contact: Danny Luna (936) 544-2264
8,400 gallons of Fracking Brine Solution (2 trips)
- Site 4: Trinity County Maintenance Yard
844 W. 1st Street
Groveton, Texas 75845
Contact: David Wars (936) 642-1132
8,400 gallons of Fracking Brine Solution (2 trips)
- Site 5: Polk County Maintenance Yard
3161 US Highway 59 North
Livingston, Texas 77351
Contact: James Henagan (936) 327-8914
12,600 gallons of Fracking Brine Solution (3 trips)

Project Number: MMC 6449-95-001**Control: 6449-95-001****County: ANGELINA, ETC.****Highway: BU 69J, ETC.**

- Site 6: Angelina County Maintenance Yard
1410 Kurth Drive
Lufkin, Texas 75901
Contact: Steven Harris (936) 676-4595
21,000 gallons of Fracking Brine Solution (5 trips)
- Site 7: Nacogdoches County Maintenance Yard
918 Industrial Blvd.
Nacogdoches, Texas 75961
Contact: Jack Smith (936) 585-7041
21,000 gallons of Fracking Brine Solution (5 trips)
- Site 8: San Augustine County Maintenance Yard
US 96 South at SH 21
San Augustine, Texas 75972
Contact: Scott Duffey (936) 275-9671
8,400 gallons of Fracking Brine Solution (2 trips)
- Site 9: San Jacinto County Maintenance Yard
10351 SH 150 West
Shepherd, Texas 77371
Contact: Chester Dixon (936) 628-3328
8,400 gallons of Fracking Brine Solution (2 trips)
- Site 10: Lufkin District Maintenance
1805 N. Timberland Drive
Lufkin, Texas 75901
Contact: Josh Bobbitt (936) 637-6566
12,600 gallons of Fracking Brine Solution (3 trips for delivery)
12,600 gallons of Fracking Brine Solution (3 trips for pickup)
12,600 gallons of Brine Solution (3 trips for pickup)

For Delivery Operations:

- Angelina County deliveries will be made between the hours of 8:00 am and 4:00 pm CST unless prior arrangements have been made with the Angelina County Maintenance Supervisor.
- Houston County deliveries will be made between the hours of 7:00 am and 3:00 pm CST unless prior arrangements have been made with the Houston County Maintenance Supervisor.
- Nacogdoches County deliveries will be made between the hours of 7:00 am and 3:30 pm CST unless prior arrangements have been made with the Nacogdoches County Maintenance Supervisor.

Project Number: MMC 6449-95-001**Control: 6449-95-001****County: ANGELINA, ETC.****Highway: BU 69J, ETC.**

- Polk County deliveries will be made between the hours of 7:00 am and 3:30 pm CST unless prior arrangements have been made with the Polk County Maintenance Supervisor.
- Sabine County deliveries will be made between the hours of 8:00 am and 3:00 pm CST unless prior arrangements have been made with the Sabine County Maintenance Supervisor.
- San Augustine County deliveries will be made between the hours of 7:00 am and 3:30 pm CST unless prior arrangements have been made with the San Augustine County Maintenance Supervisor.
- San Jacinto County deliveries will be made between the hours of 8:00 am and 4:30 pm CST unless prior arrangements have been made with the San Jacinto County Maintenance Supervisor.
- Shelby County deliveries will be made between the hours of 8:00 am and 4:00 pm CST unless prior arrangements have been made with the Shelby County Maintenance Supervisor.
- Trinity County deliveries will be made between the hours of 8:00 am and 4:00 pm CST unless prior arrangements have been made with the Trinity County Maintenance Supervisor.
- Lufkin District Maintenance deliveries will be made between the hours of 8:00 am and 4:00 pm CST unless prior arrangements have been made with the Lufkin District Maintenance Administrator.

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 one hundred ten (110) miles from any site in this contract.



Estimate & Quantity Sheet

CONTROLLING PROJECT ID 6449-95-001


DISTRICT Lufkin
HIGHWAY US0059

COUNTY Angelina

CONTROL SECTION JOB				6449-95-001		TOTAL EST.	TOTAL FINAL
PROJECT ID				A00200966			
COUNTY				Angelina			
HIGHWAY				US0059			
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL		
	8042-6381	BRINE SOLUTION(PICKUP)	GAL	12,600.000		12,600.000	
	8042-6419	FRACKING BRINE SOL(PICKUP)	GAL	12,600.000		12,600.000	
	8042-6420	FRACKING BRINE SOL(DEL)(SITE 1)	GAL	8,400.000		8,400.000	
	8042-6421	FRACKING BRINE SOL(DEL)(SITE 2)	GAL	21,000.000		21,000.000	
	8042-6422	FRACKING BRINE SOL(DEL)(SITE 3)	GAL	8,400.000		8,400.000	
	8042-6423	FRACKING BRINE SOL(DEL)(SITE 4)	GAL	8,400.000		8,400.000	
	8042-6424	FRACKING BRINE SOL(DEL)(SITE 5)	GAL	12,600.000		12,600.000	
	8042-6425	FRACKING BRINE SOL(DEL)(SITE 6)	GAL	21,000.000		21,000.000	
	8042-6426	FRACKING BRINE SOL(DEL)(SITE 7)	GAL	21,000.000		21,000.000	
	8042-6427	FRACKING BRINE SOL(DEL)(SITE 8)	GAL	8,400.000		8,400.000	
	8042-6428	FRACKING BRINE SOL(DEL)(SITE 9)	GAL	8,400.000		8,400.000	
	8042-6429	FRACKING BRINE SOL(DEL)(SITE 10)	GAL	12,600.000		12,600.000	

DISTRICT	COUNTY	CCSJ	SHEET
Lufkin	Angelina	6449-95-001	13

SUMMARY OF MATERIAL ITEMS					
ITEM NO.			8042		
COUNTY	HIGHWAY NO.	ITEM NO.	FRACKING BRINE SOLUTION (DEL)	FRACKING BRINE SOLUTION (PICK UP)	BRINE SOLUTION (PICK UP)
			GAL	GAL	GAL
SABINE	SITE 1: 300 FM 83 HEMPHILL, TX 75949	8042-6420	8,400		
SHELBY	SITE 2: 638 STATEHWY 7 EAST CENTER, TX 75935	8042-6421	21,000		
HOUSTON	SITE 3: 1123 EAST LOOP 304 CROCKETT, TX 75935	8042-6422	8,400		
TRINITY	SITE 4: 844 W. 1ST STREET GROVETON, TX 75845	8042-6423	8,400		
POLK	SITE 5: 3161 US HIGHWAY 59 NORTH LIVINGSTON, TX 77351	8042-6424	12,600		
ANGELINA	SITE 6: 1410 KURTH DRIVE LUFKIN, TX 75901	8042-6425	21,000		
NACOGDOCHES	SITE 7: 918 INDUSTRIAL BLVD NACOGDOCHES, TX 75961	8042-6426	21,000		
SAN AUGUSTINE	SITE 8: US 96 SOUTH AT SH 21 SAN AUGUSTINE, TX 75972	8042-6427	8,400		
SAN JACINTO	SITE 9: 10351 SH 150 WEST SHEPHERD TX 77371	8042-6428	8,400		
LUFKIN DISTRICT MAINTENANCE	SITE 10: 1805 N TIMBERLAND DR LUFKIN, TX 75901	8042-6429	12,600		
		8042-6419		12,600	
		8042-6381			12,600
PROJECT TOTALS			130,200	12,600	12,600

QUANTITY SUMMARY			
			
CONT	SECT	JOB	HIGHWAY
6449	95	001	BU 69J, ETC.
DIST	COUNTY		SHEET NO.
LFK	ANGELINA		14