

FHWA TEXAS DIVISION		PROJECT NO. MMC 6471-30-001	SHEET NO. 1
STATE	DISTRICT	COUNTY	
TEXAS	LFK	ANGELINA, ETC.	
CONTROL	SECTION	JOB	HIGHWAY NO.
6471	30	001	BU 69J, ETC.

INDEX OF SHEETS

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STATE OF TEXAS  
DEPARTMENT OF TRANSPORTATION



PLANS OF PROPOSED  
STATE HIGHWAY IMPROVEMENT  
TYPE OF WORK:

**BRINE SOLUTION (MATERIALS ONLY)**

MMC 6471-30-001

**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:  
L. Preslie Gerlandy, P.E. 7/15/2024  
61B7A0C08C42465...

DISTRICT MAINTENANCE ENGINEER DATE

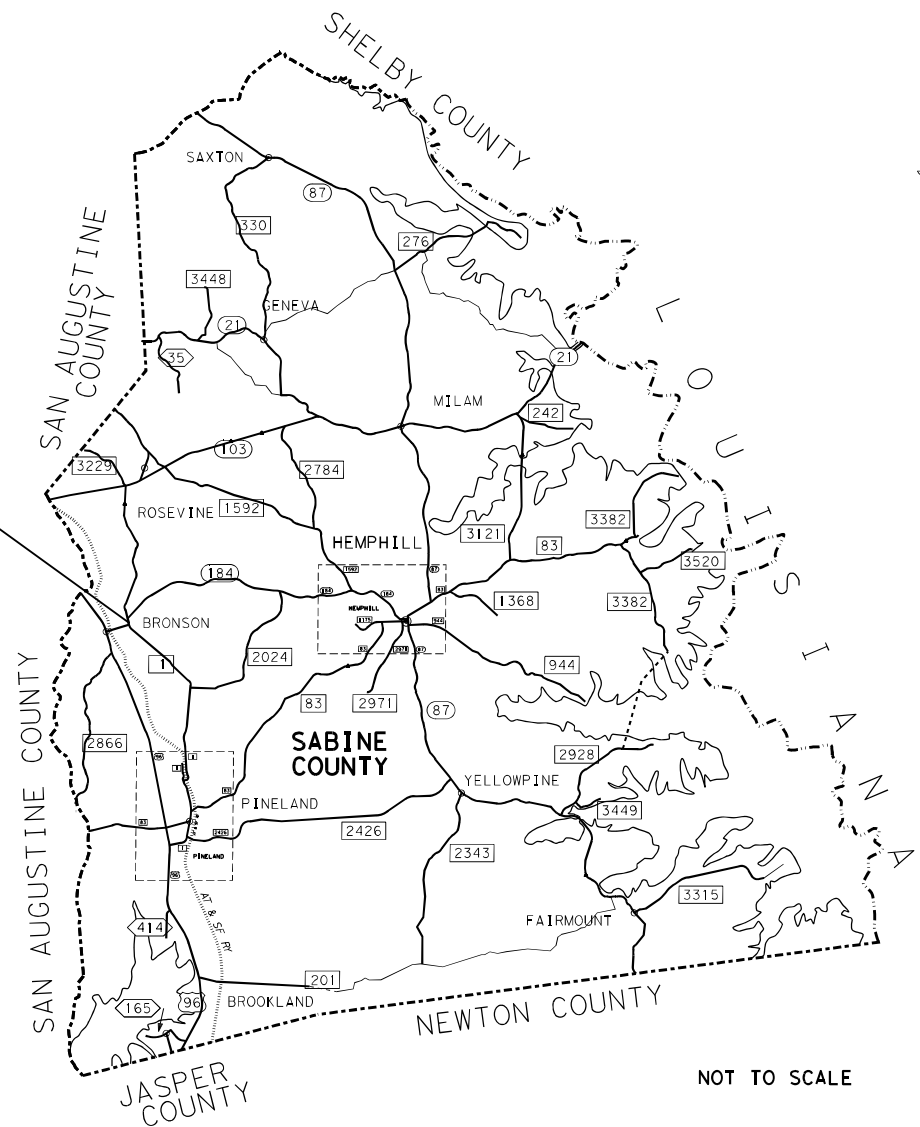
APPROVED FOR LETTING:

DocuSigned by:  
Kevin Buchanan 7/15/2024  
DIRECTOR OF MAINTENANCE 0280C5C...

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



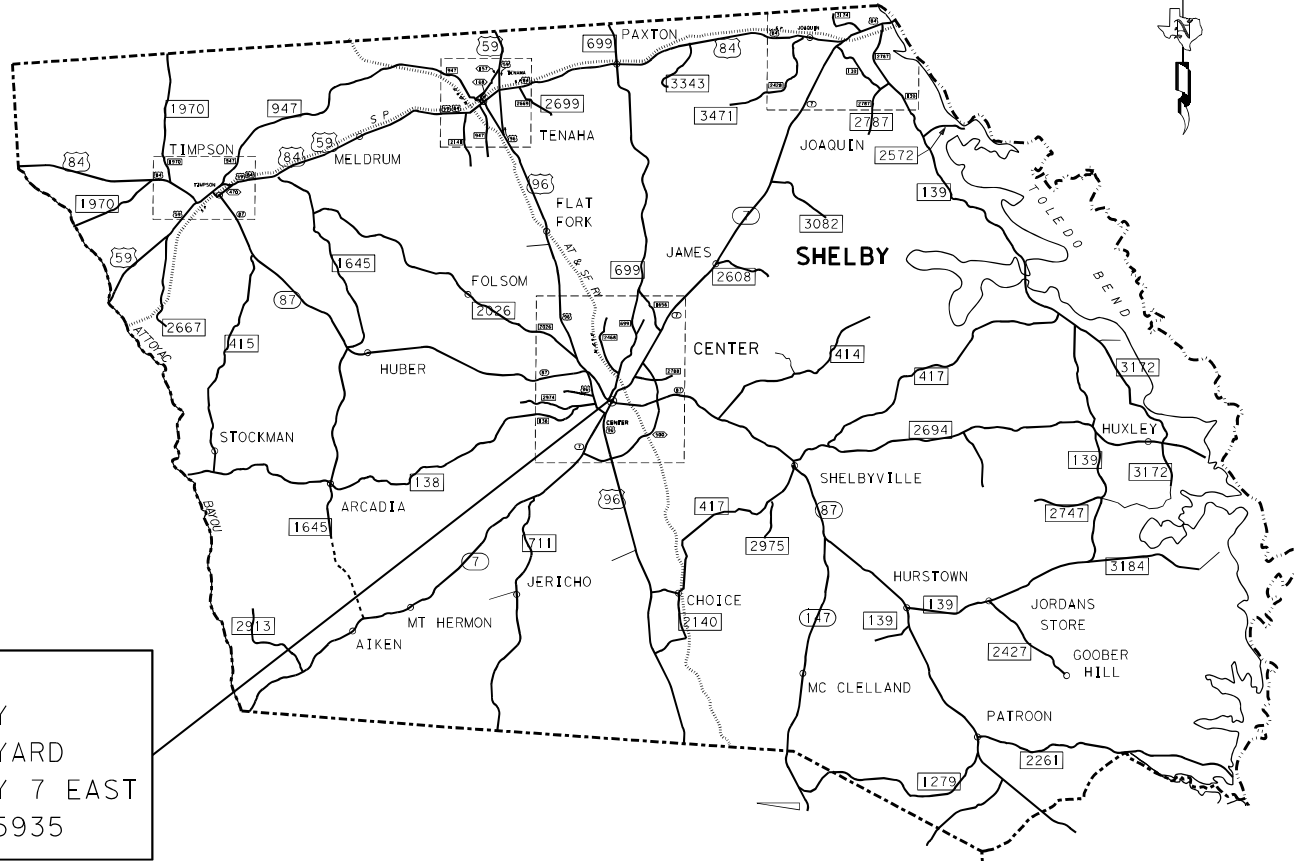
NOT TO SCALE

**SITE MAP**

SHEET 1 OF 10

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CONT	SECT	JOB	HIGHWAY
6471	30	001	BU 69J, ETC.
DIST		COUNTY	SHEET NO.
LFK		ANGELINA, ETC.	2



SITE 2:  
 SHELBY COUNTY  
 MAINTENANCE YARD  
 638 STATE HWY 7 EAST  
 CENTER, TX 75935

NOT TO SCALE

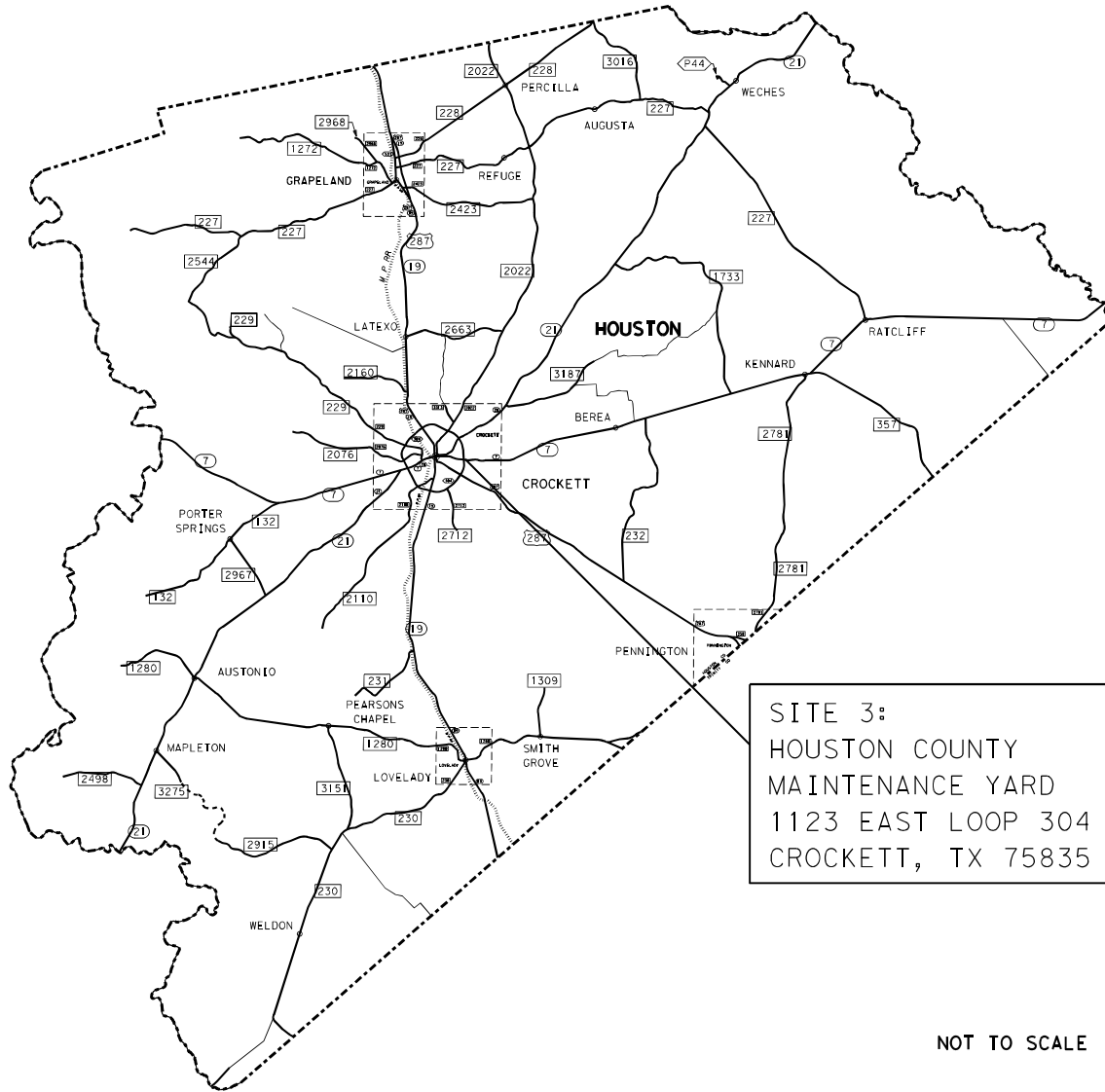
**SITE MAP**

SHEET 2 OF 10

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CONT	SECT	JOB	HIGHWAY
6471	30	001	BU 69J, ETC.
DIST	COUNTY		SHEET NO.
LFK	ANGELINA, ETC.		3



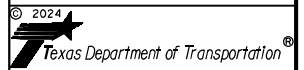
SITE 3:  
HOUSTON COUNTY  
MAINTENANCE YARD  
1123 EAST LOOP 304  
CROCKETT, TX 75835

NOT TO SCALE

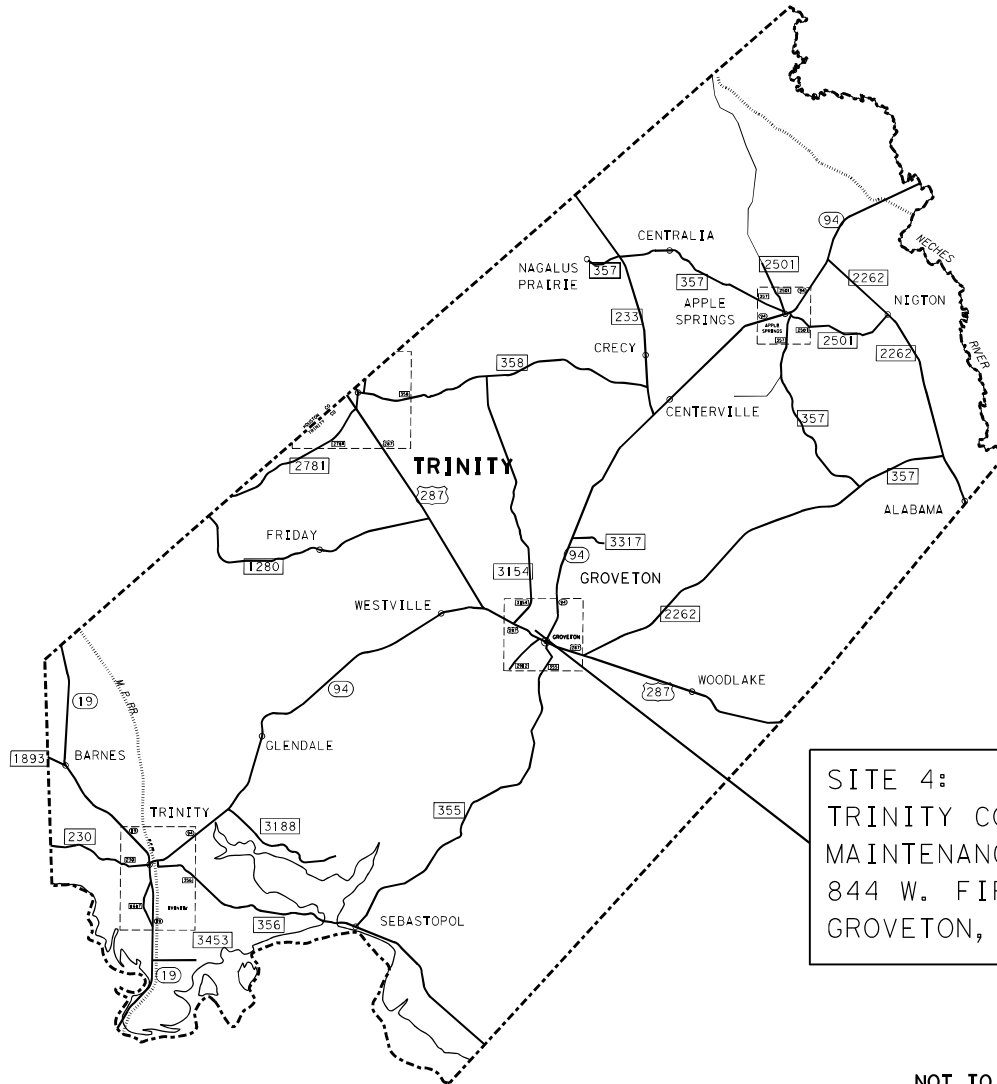


SITE MAP

SHEET 3 OF 10



CONT	SECT	JOB	HIGHWAY
647I	30	001	BU 69J, ETC.
DIST	COUNTY		SHEET NO.
LFK	ANGELINA, ETC.		4



SITE 4:  
 TRINITY COUNTY  
 MAINTENANCE YARD  
 844 W. FIRST STREET  
 GROVETON, TX 75845

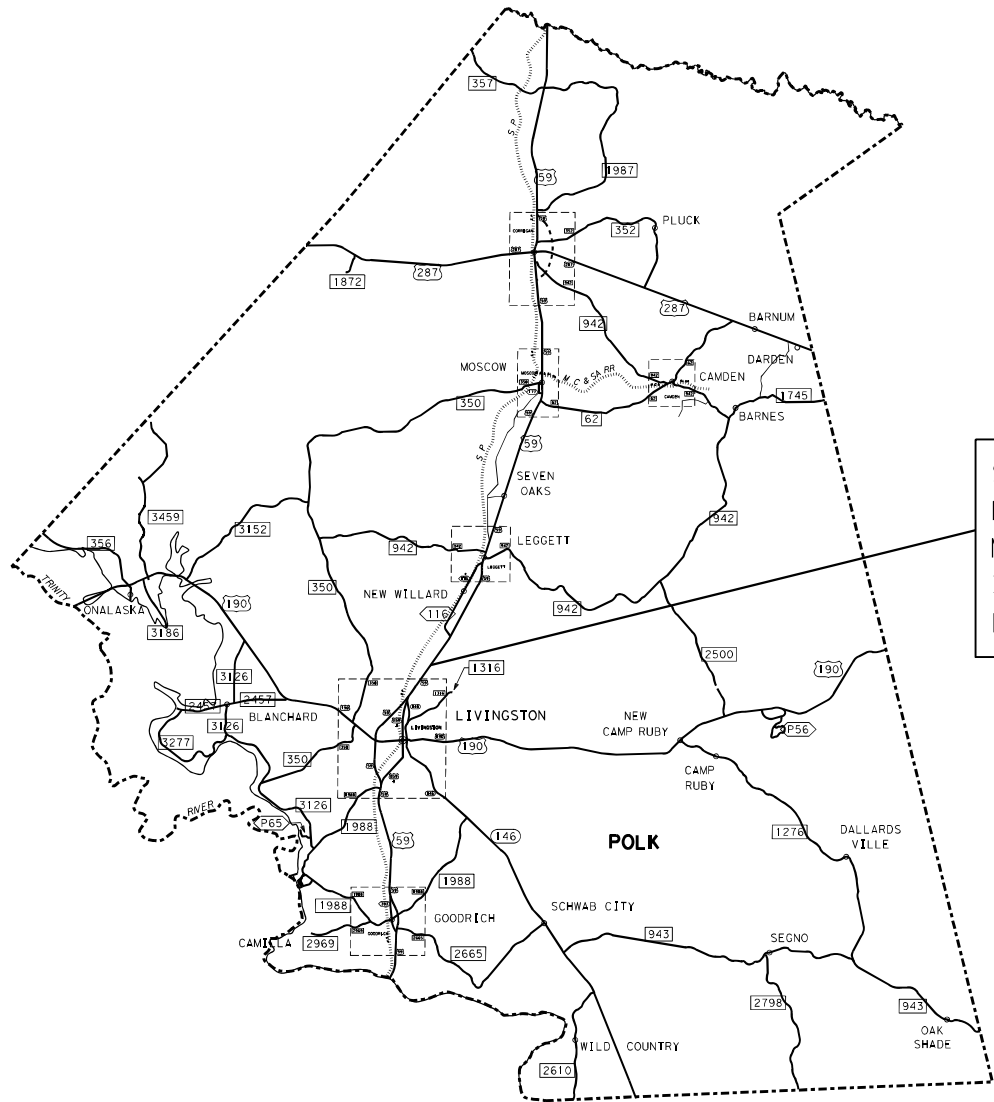
NOT TO SCALE

**SITE MAP**

SHEET 4 OF 10

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CONT	SECT	JOB	HIGHWAY
647I	30	001	BU 69J, ETC.
DIST		COUNTY	SHEET NO.
LFK		ANGELINA, ETC.	5




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

NOT TO SCALE

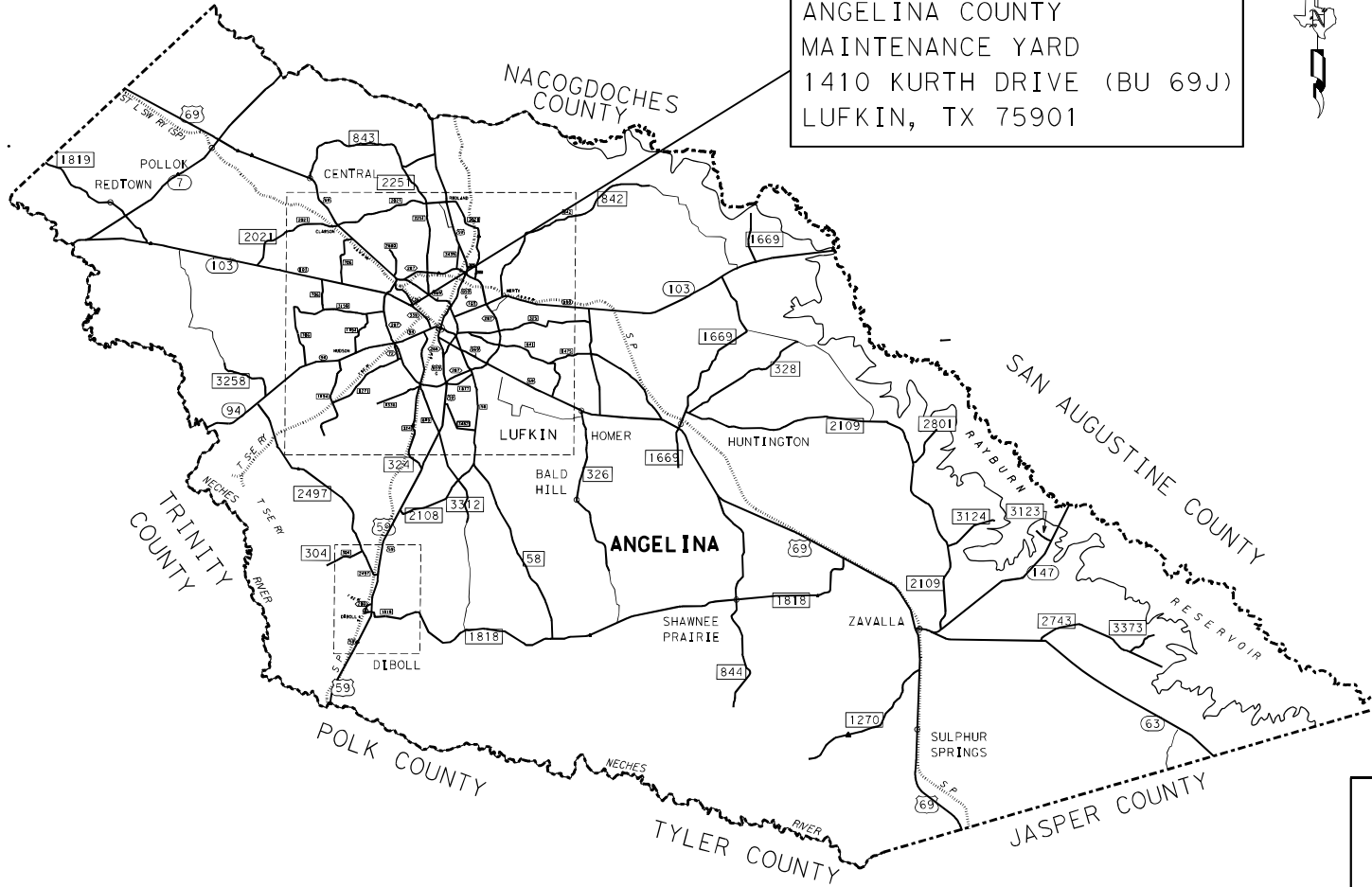
**SITE MAP**

SHEET 5 OF 10

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CONT	SECT	JOB	HIGHWAY
6471	30	001	BU 69J, ETC.
DIST	COUNTY	SHEET NO.	
LFK	ANGELINA, ETC.	6	

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



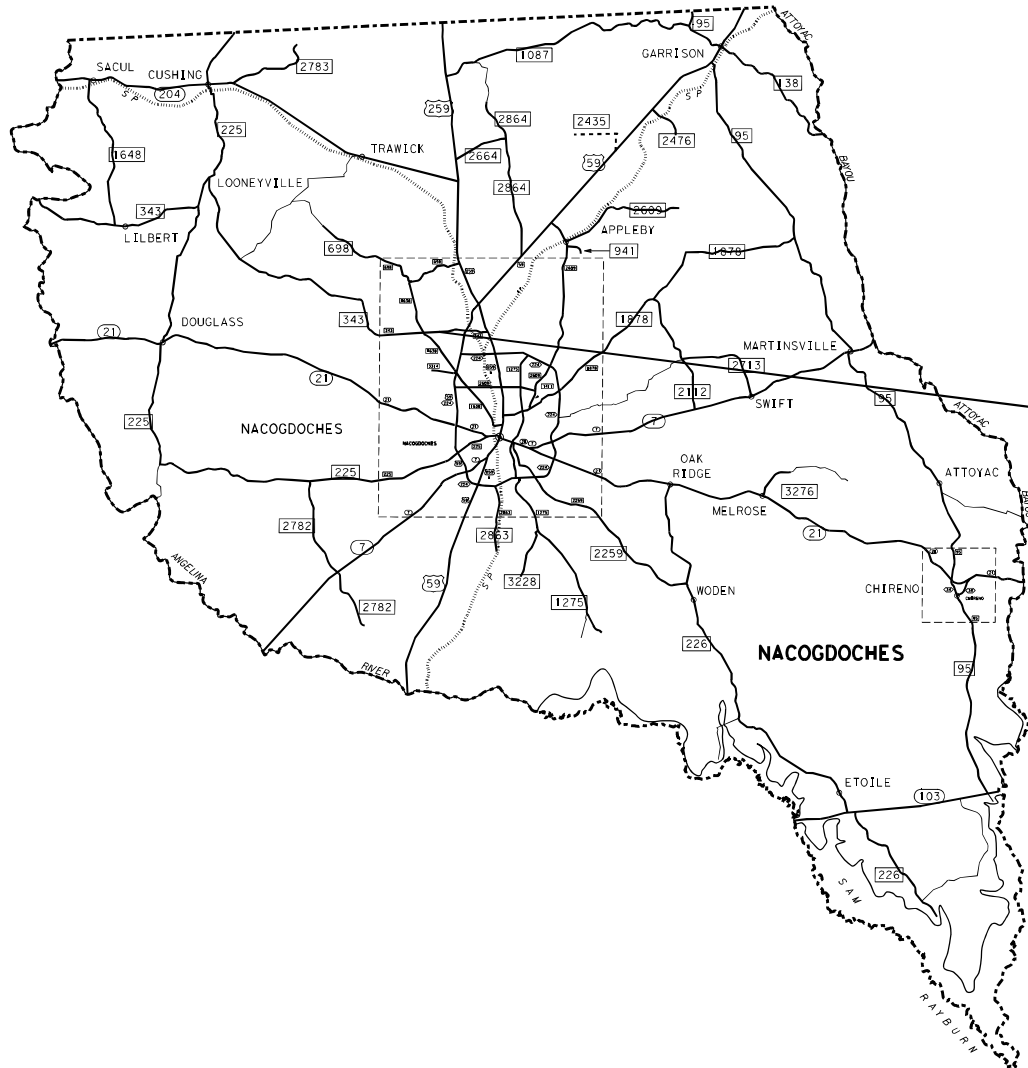
**SITE MAP**

SHEET 6 OF 10

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CONT	SECT	JOB	HIGHWAY
6471	30	001	BU 69J, ETC.
DIST	COUNTY	SHEET NO.	
LFK	ANGELINA, ETC.	7	

NOT TO SCALE

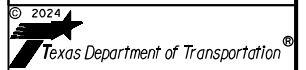


SITE 7:  
 NACOGDOCHES COUNTY  
 MAINTENANCE YARD  
 918 INDUSTRIAL BLVD  
 NACOGDOCHES, TX 75961

NOT TO SCALE

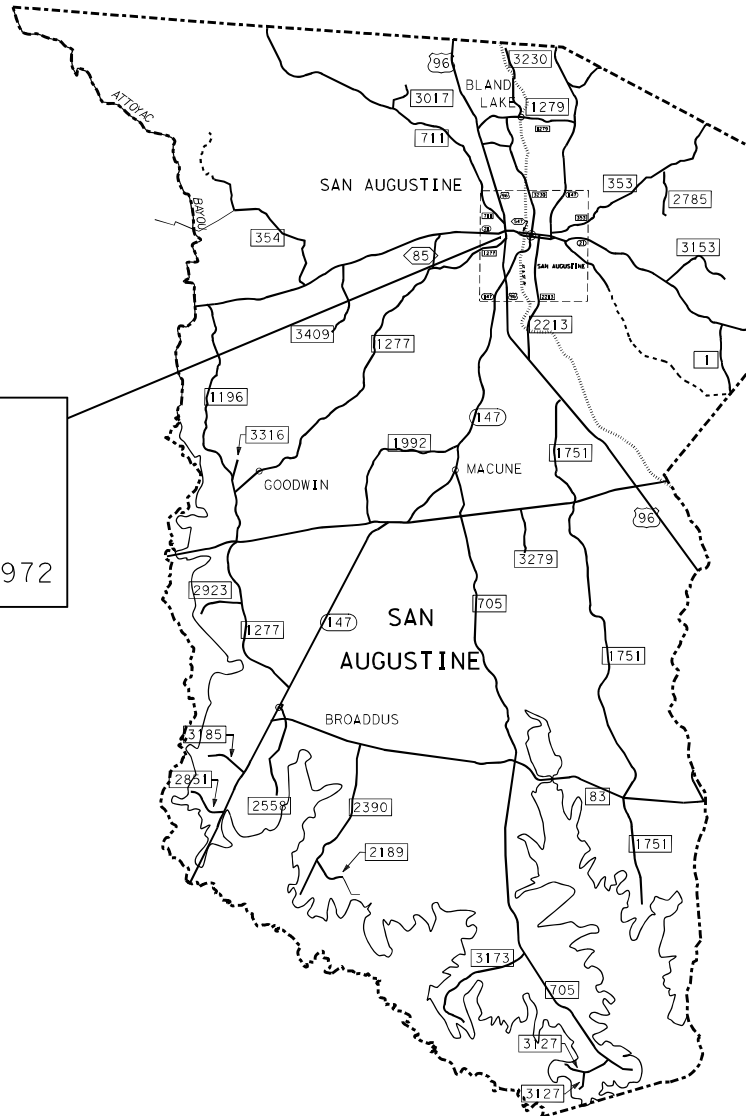
SITE MAP

SHEET 7 OF 10



CONT	SECT	JOB	HIGHWAY
6471	30	001	BU 69J, ETC.
DIST	COUNTY		SHEET NO.
LFK	ANGELINA, ETC.		8





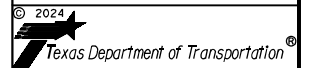
SITE 8:  
 SAN AUGUSTINE COUNTY  
 MAINTENANCE YARD  
 US 96 SOUTH AT SH 21  
 SAN AUGUSTINE, TX 75972



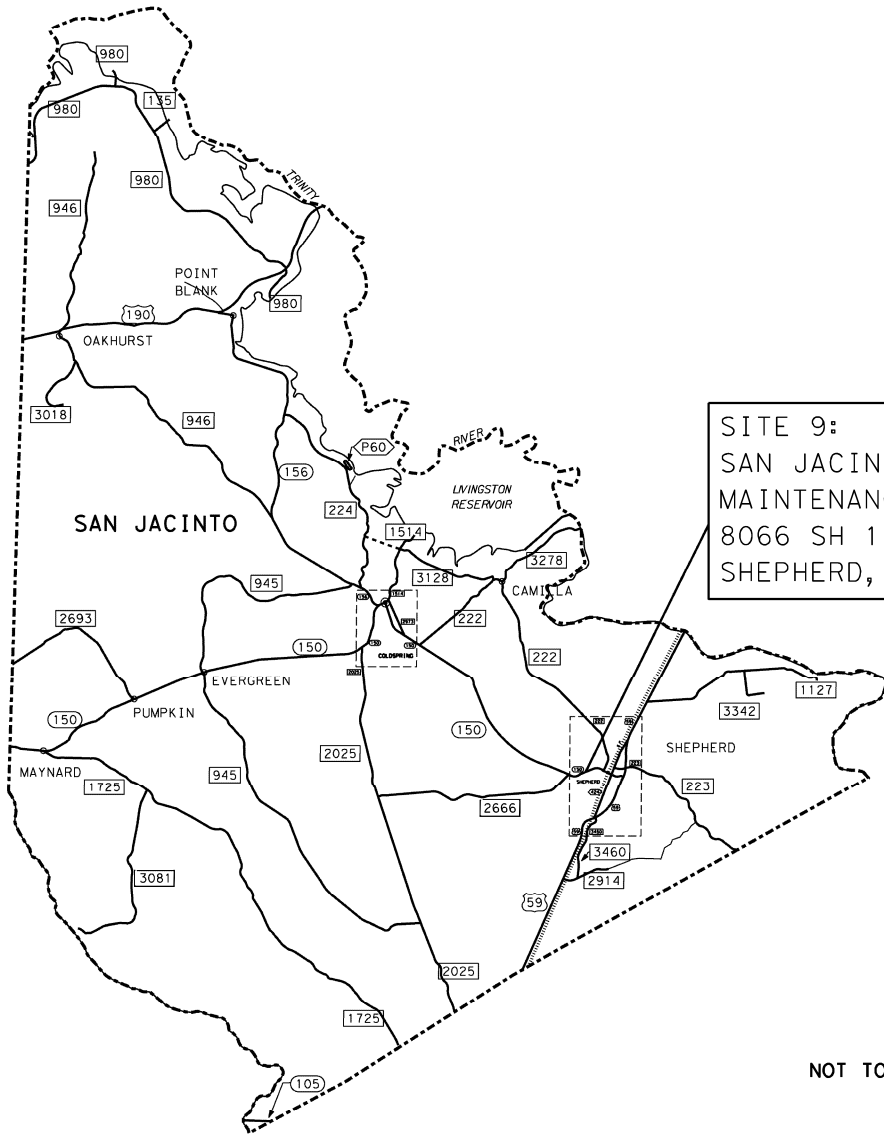
NOT TO SCALE

SITE MAP

SHEET 8 OF 10



CONT	SECT	JOB	HIGHWAY
6471	30	001	BU 69J, ETC.
DIST			SHEET NO.
LFK			ANGELINA, ETC. 9



SITE 9:  
 SAN JACINTO COUNTY  
 MAINTENANCE YARD  
 8066 SH 150 WEST  
 SHEPHERD, TX 77371

NOT TO SCALE

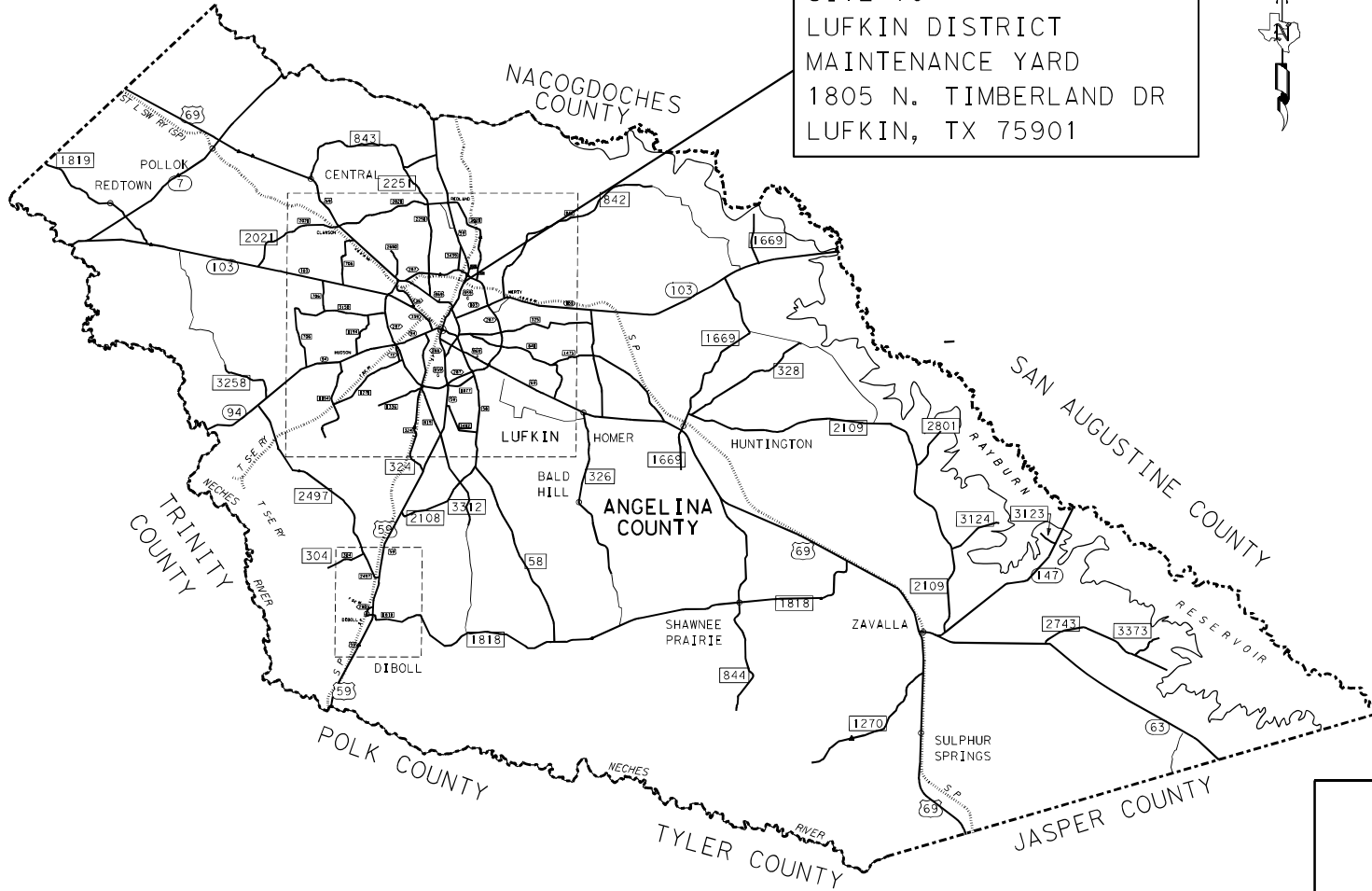
**SITE MAP**

SHEET 9 OF 10

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CONT	SECT	JOB	HIGHWAY
6471	30	001	BU 69J, ETC.
DIST	COUNTY		SHEET NO.
LFK	ANGELINA, ETC.		10

SITE 10:  
LUFKIN DISTRICT  
MAINTENANCE YARD  
1805 N. TIMBERLAND DR  
LUFKIN, TX 75901



NOT TO SCALE

**SITE MAP**

SHEET 10 OF 10

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CONT	SECT	JOB	HIGHWAY
6471	30	001	BU 69J, ETC.
DIST	COUNTY		SHEET NO.
LFK	ANGELINA, ETC.		11

**Project Number: MMC 6471-30-001**

**Control: 6471-30-001**

**County: ANGELINA, ETC.**

**Highway: BU 69J, ETC.**

**GENERAL NOTES:**

**PROJECT DESCRIPTION:** Deliver Fracking Brine Solution (material only) to Maintenance Yards for use on state-maintained roadways in the Lufkin District. Brine Solution and Fracking Brine Solution (material only) will also need to be available for pick-up.

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

Preslie Gerland [Lauren.Perry@txdot.gov](mailto:Lauren.Perry@txdot.gov)  
 Jenna Hopper [Jenna.Lenderman@txdot.gov](mailto: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 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	Clint Norton	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
San Augustine	Scott Duffey	US 96 South at SH 21 San Augustine, TX 75972	(936) 275-9671

**Project Number: MMC 6471-30-001**

**Control: 6471-30-001**

**County: ANGELINA, ETC.**

**Highway: BU 69J, ETC.**

San Jacinto	Chester Dixon	8066 SH 150 West Shepherd, TX 77371	(936) 628-3328
Shelby	Milton Kelley	638 State Hwy 7 East Center, TX 75935	(936) 598-4113
Trinity	David Wars	844 W. 1 <sup>st</sup> 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.

**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>

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.

**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.

**Project Number: MMC 6471-30-001**

**Control: 6471-30-001**

**County: ANGELINA, ETC.**

**Highway: BU 69J, ETC.**

**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 "delivery" 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.

**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.

**Project Number: MMC 6471-30-001**

**Control: 6471-30-001**

**County: ANGELINA, ETC.**

**Highway: BU 69J, ETC.**

**ITEM 8042: 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.

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: Milton Kelley (936) 598-4113  
21,000 gallons of Fracking Brine Solution (5 trips)

**Project Number: MMC 6471-30-001**

**Control: 6471-30-001**

**County: ANGELINA, ETC.**

**Highway: BU 69J, ETC.**

- 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. 1<sup>st</sup> 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)
- 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: Clint Norton (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  
8066 SH 150 West  
Shepherd, Texas 77371  
Contact: Chester Dixon (936) 628-3328  
8,400 gallons of Fracking Brine Solution (2 trips)

**Project Number: MMC 6471-30-001**

**Control: 6471-30-001**

**County: ANGELINA, ETC.**

**Highway: BU 69J, ETC.**

- 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.
- 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.

**Project Number: MMC 6471-30-001**

**Control: 6471-30-001**

**Project Number: MMC 6471-30-001**

**Control: 6471-30-001**

**County: ANGELINA, ETC.**

**Highway: BU 69J, ETC.**

**County: ANGELINA, ETC.**

**Highway: BU 69J, ETC.**

- 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 6471-30-001

DISTRICT Lufkin  
HIGHWAY BU0069J


COUNTY Angelina

CONTROL SECTION JOB				6471-30-001		TOTAL EST.	TOTAL FINAL
PROJECT ID				A00211537			
COUNTY				Angelina			
HIGHWAY				BU0069J			
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	6471-30-001	13



SUMMARY OF MATERIAL ITEMS					
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: 8066 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
<b>PROJECT TOTALS</b>			<b>130,200</b>	<b>12,600</b>	<b>12,600</b>

QUANTITY SUMMARY			
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CONT	SECT	JOB	HIGHWAY
6471	30	001	BU 69J, ETC.
DIST	COUNTY		SHEET NO.
LFK	ANGELINA, ETC.		14