

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 7/26/2022

Control	6407-24-001
Project	RMC - 640724001
Highway	US0059
County	POLK

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: RMC - 640724001

CONTROL: 6407-24-001

COUNTY: POLK

LETTING: 08/04/2022

REFERENCE NO: 0726

PROPOSAL ADDENDUMS

-
- PROPOSAL COVER
 - BID INSERTS (SH. NO.:)
 - GENERAL NOTES (SH. NO.: General Notes - Replace Sheet 4B)

 - SPEC LIST (SH. NO.:)
 - SPECIAL PROVISIONS:)
 - ADDED:

 - DELETED:

 - SPECIAL SPECIFICATIONS:
 - ADDED:

 - DELETED:

 - OTHER: Changes to Plan Set:
Page 1: Cloud around pages affected by addendum, also general
DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

notes were changed from 4-4D to 4-4E as added information to
general notes created a new page.

Page 3: Fixed typo on Limit to on location 14E.

Page 4B: Added paragraphs regarding speed limit changes in work zones and
furnishing of said speed limit signs. Also removed paragraph
"The Maintenance Section Supervisor and Area Engineer..."

Page 5: Fixed error in Estimate and Quantity sheet that was showing
incorrect item.

Page 9: Fixed same Limit to typo that was changed on page 3 referencing
location 14E.

Project Number: RMC 6407-24-001

Control: 6407-24-001

County: Polk, ETC.

Highway: US 59, ETC.

GENERAL NOTES:

PROJECT DESCRIPTION: This project consists of Mill and Inlay, Overlay & Base Repair of Pavements at various locations within the Lufkin District, which consists of the following counties: Polk, Trinity, Houston and San Jacinto.

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

<u>COUNTY</u>	<u>SUPERVISOR</u>	<u>ADDRESS</u>	<u>CONTACT #</u>
Polk	James Henagan	3161 US Highway 59 Livingston, TX 77351	(936)327-9814
Houston	Danny Luna	1123 East Loop 304 Crockett, TX 75835	(936) 544-2264
Trinity	David Wars	844 W First St. Groveton, TX 75845	(936) 642-1132
San Jacinto	Chester Dixon	8066 HWY 150 West Shepherd, TX 77371	(936) 327-8914

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.

Existing regulatory, warning and guide signs within project limits are to remain visible to the traveling public at all times. If a sign must be repositioned during construction operations, move and install the sign to an approved location. Use care when working near existing signs and repair or replace signs damaged by work operations. All work involved repositioning existing signs will be subsidiary to various bid items.

Furnish materials and make repairs to the existing roadway at any location damaged by construction operations. This work shall be done in an approved manner and will be subsidiary to various bid items.

Provide suitable access at all times to adjacent businesses, private property, and side roads.

Roadway cross slopes shall conform approximately to the existing surface, unless otherwise directed.

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Minimize vehicles and equipment in construction areas to lessen the impact on existing vegetation. The intent of the plans is to prepare only that portion of the Right of Way necessary for construction.

All workers on TxDOT Right of Way shall wear reflective clothing meeting ANSI Class II requirements during the day and ANSI Class III requirements during the night. Non-compliance with any of these requirements shall be grounds for suspension of work.

For contractor questions on this project are to be emailed to the following individual(s):

Jeremy King Jeremy.King@TxDOT.gov
Tammy Gibson Tammy.Gibson@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:

<ftp://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.

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.dot.state.tx.us/business/contractors_consultants/repro_companies.htm

ITEM 5: CONTROL OF THE WORK

In the event utility lines needing unforeseen adjustments are encountered during construction operations, alter operations and continue to prosecute the contract in such a manner that will allow utility adjustments to be made by others. An extension of working time may be granted for any delays caused by the utility adjustments if deemed necessary.

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ITEM 7: LEGAL RELATIONS AND RESPONSIBILITIES

The proposed work of this project is to mill and inlay overlay, and base repair pavement at various locations within the Lufkin District. These activities maintain the original line and grade, hydraulic capacity and original purpose of the site. Therefore, this project meets the definition of a routine maintenance activity as defined in the TPDES General Permit No. TXR150000 issued March 5, 2018 and TCEQ's TPDES CGP does not apply. However, the contractor shall place BMP's as directed.

Various site locations are adjacent to historical markers and structures. The following actions are required:

1. Equipment storage and stockpiling of materials is not permitted in any pull-off or parking area labelled as historic markers or in-kind areas.
2. Contractor to repair or replace in kind, at his own expense, any historic materials damaged (buildings, historical markers, etc.) in the course of executing the work. Contractor is responsible for locating replacement source for historic materials damaged in the course of the work. TxDOT-Environmental Affairs Division is to be informed of proposed repairs to facilitate consultation with Texas Historical Commission prior to execution of repairs.

Site locations 9 through 11 in Trinity County are within the Davy Crockett National Forest boundary. The following actions are required:

1. Stockpiling of equipment and materials are not permitted within the boundaries of the Davy Crockett National Forest.
2. Engineer shall notify the Davy Crockett National Forest prior to working at the site locations listed above.

ITEM 8: PROSECUTION AND PROGRESS

For this project, 41 working days will be computed and charged in accordance with Item 8, Section 3.1.4, "Standard Workweek".

Time charges shall begin to accrue 7 calendar days after the authorization date to begin work unless otherwise approved by the Engineer.

If work commences during the school year, the contractor shall not close any lanes prior to 8:30 AM.

Along outside pavement edges construct a 3:1 maximum taper or backfill the same day as shown on the plans or as directed.

Remove and properly dispose of any piles of asphaltic concrete and all other debris left on the right of way daily.

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ITEM 351: FLEXIBLE BASE STRUCTURE REPAIR

For base repair, place hot-mix asphalt pavement in compacted lifts of 4 in. maximum, unless otherwise directed.

Furnish hot-mix asphalt pavement in accordance with Item 340 D-GR HMA (SQ) TY-B PG 64-22.

ITEM 354: PLANING AND TEXTURING PAVEMENT

All planed areas shall be inlaid with HMA on the same day of the planing operation.

Complete planing operations in adjacent lanes and shoulders to the same point at the end of each day.

RAP produced from this project may be used in the HMA mixtures.

All RAP not utilized in the HMA shall remain the property of the contractor, with the exception of the following:

Polk County Maintenance: Material from US 59 and US 190 will be delivered to the Polk Maintenance Yard stockpiled located at 3161 US Highway 59 Livingston TX 77351 as directed.

Houston County Maintenance: Material from US 287 and SH 7 will be delivered to the Houston Maintenance Yard stockpiled located at 844 W 1st Street Groveton TX 75845 as directed.

San Jacinto County Maintenance: Material from US 190 will be delivered to the Shepherd Maintenance Yard stockpiled located at 8066 SH 150 West Shepherd TX 77371 as directed.

Blade the existing paved shoulders prior to planing operations to remove existing overgrowth. This work will be subsidiary to Item 354.

Cut the existing shoulder pavement to drain water away from planed travel lanes. This work will be subsidiary to various bid items.

Use an approved ski device to control longitudinal grade.

Where the underlying flexible base is exposed during the planing operation, prime this area with an asphalt at a rate as directed and patch with an approved HMA material, at the end of the day's operation in which it occurs. These items of work will not be paid for directly but will be subsidiary to Item 354.

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Control: 6407-24-001

County: Polk, ETC.

Highway: US 59, ETC.

ITEM 502: BARRICADES, SIGNS, AND TRAFFIC HANDLING

Traffic Control Plan (TCP):

Location Numbers 2 – 2B, 4 (US 59 – Polk County) require speed reduction signs during construction. Fabricate, provide, and maintain speed limit signs (45 mph) as shown on the applicable Maintenance Work Zone Speed Limit Signs standard. Remove or cover regulatory (black and white) speed limit signs, when not applicable. These signs are required for both lanes of travel on divided highways regardless of the location of work.

Location Numbers 3 (US 59 – Polk County) require speed reduction signs during construction. Fabricate, provide, and maintain speed limit signs (60 mph) as shown on the applicable Maintenance Work Zone Speed Limit Signs standard. Remove or cover regulatory (black and white) speed limit signs, when not applicable. These signs are required for both lanes of travel on divided highways regardless of the location of work.

Location Numbers 5 (US 59 – Polk County) require speed reduction signs during construction. Fabricate, provide, and maintain speed limit signs (40 mph) as shown on the applicable Maintenance Work Zone Speed Limit Signs standard. Remove or cover regulatory (black and white) speed limit signs, when not applicable. These signs are required for both lanes of travel on divided highways regardless of the location of work.

Location Number 13F – 13K, 14B-14E (US 287 & SH 7 – Houston County) requires speed reduction signs during construction. Fabricate, provide, and maintain speed limit signs (60 mph) as shown on the applicable Maintenance Work Zone Speed Limit Signs standard. Remove or cover regulatory (black and white) speed limit signs, when not applicable. These signs are required for both lanes of travel on divided highways regardless of the location of work.

Furnishing, erecting, relocating, and removing temporary speed zone signs is subsidiary to Item 502.

Install vertical panels or drums at 100-ft. spacings where drop-offs or construction work occurs along edges of existing pavement. Unless otherwise authorized, these shall remain in place until final striping.

Project limit barricades will not be required. Daily lane closure signage with contract description information sign will be required.

Ensure the Contractor's Responsible Person (CRP) for Barricades, Signs and Traffic Handling is available at all times and able to receive instructions from the Engineer or authorized Department representative. The CRP shall be a person that is usually at the project site during normal working hours.

For protection of the traveling public, direct traffic through the work area using signs, flaggers and other devices. Required signs are shown in the plans on the Barricade and Construction Standards and Traffic Control Plan Sheets. The latest edition of the "Texas Manual on Uniform Traffic Control Devices" shall also be used as a guide for handling traffic on this project.

Install "No Center Line" (CW8-12) signs as directed.

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Restrict construction work to single lane widths with only minor disruptions in traffic flow. Lane closures shall conform to the Traffic Control Plan for lane closures as shown in the plans. No overnight closures will be permitted.

Limit lane closures for multilane roads (4 or more lanes) to 2 mi. in length, unless otherwise approved.

Limit lane closures for 2 lane roads to 1 mi. in length, unless otherwise approved.

Lane closure lengths can exclude the end tapers.

Plan the sequence of work to minimize the time lane closures are in place. Install lane closures only where construction operations are anticipated to start within 1 hr. and limited to the amount of lane that can be reached by the construction activity within 2 hr. unless otherwise approved.

No lane closures will be allowed on Noon on Fridays or on days preceding National Holidays unless otherwise approved.

Extra time has been added to the total number of working days allocated for this project to account for not working on Friday afternoons or the afternoon preceding a National holiday.

Provide a flashing arrow panel and a truck-mounted attenuator to supplement required signs and devices for each lane closure.

Provide temporary rumble strips as shown on WZ(RS)-22.

Provide a pilot car to lead traffic through the work area. The pilot car will not be paid for directly, but will be subsidiary to various bid items.

Install "Be Prepared to Stop" (CW3-4) and "Flagger Ahead" (CW20-7aD) signs when flaggers are present. Position the signs where good visibility and traffic control can be maintained.

When directed use a flashing arrow board in addition to the required signs to warn motorists of flaggers.

Department approved safety vests shall be worn by all contractor's employees and visitors.

Provide adequate flaggers to protect the traveling public. All flaggers shall wear approved hardhats and reflective safety vests while flagging. Safety vests shall be clean and worn fully fastened.

Use additional flaggers at roadway intersections to direct traffic entering the work area, when deemed necessary by the Engineer.

Open all traffic lanes to traffic at the close of work each day.

Provide one high-intensity yellow, rotating dome-light on all equipment such as distributors, spreader boxes, lay-down machines, rollers, backhoes, road graders, loaders, etc. Mount lights

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high enough to be visible from all directions and operating when the equipment is within 30 ft. of the travel way. On all other equipment such as trucks, trailers, automobiles, etc. use emergency flashers while within the work zone.

Restrict construction operations so that no drop off along the edge of pavement will remain overnight.

All blading, rolling and scraper work to construct and remove temporary slopes adjacent to pavement drop-offs, will be considered subsidiary to various bid items.

Notify the Engineer prior to placing any materials or equipment on the right of way. Locate equipment, stockpiles or other materials not in use as far as possible from the driving lanes and in no case closer than 30 ft. unless otherwise authorized. Any equipment, stockpiles, or materials placed within 30 ft. of the driving lane must have adequate signs, barricades or other warning devices as approved. As a minimum place an 8 ft. wide TY III Barricade on the approach side of each site that is within 30 ft. of the driving lane. Barricade the site similarly on the departure side if the location is within 30 ft. of the opposing traffic lane.

The Contractor Force Account "Safety Contingency" that has been established for this project is intended to be utilized for work zone enhancements, to improve the effectiveness of the Traffic Control Plan, that could not be foreseen in the project planning and design stage. These enhancements will be mutually agreed upon by the Engineer and the Contractor's Responsible Person based on weekly or more frequent traffic management reviews on the project. The Engineer may choose to use existing bid items if it does not slow the implementation of enhancement.

Texas Transportation Code 547.105 authorizes the use of warning lights to promote safety and provides an effective means of gaining the travelling public's attention as they drive in areas where construction crews are present. In order to influence the public to move over when high risk construction activities are taking place, minimize the utilization of blue warning lights. These lights must be used only while performing work on or near the travel lanes or shoulder where the travelling public encounters construction crews that are not protected by a standard work zone set up such as a lane closure, shoulder closure, or one-way traffic control. Refrain from leaving the warning lights engaged while travelling from one work location to another or while parked on the right of way away from the pavement or a work zone.

Provide channeling devices to restrict traffic from traveling on the shoulders.

ITEM 504: FIELD OFFICE AND LABORATORY

Provide a Type D Structure. Asphalt content will be determined by the ignition method.

ITEM 585: RIDE QUALITY FOR PAVEMENT SURFACES

Use Surface Test Type A.

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ITEM 662: WORK ZONE PAVEMENT MARKINGS

Install short term pavement markings (removable) on the finish course of the overlay immediately following final rolling, offset from lane lines so there will be no conflict with permanent stripes.

After placement of permanent striping on the finish course, remove all short term pavement markings.

ITEM 666: REFLECTORIZED PAVEMENT MARKINGS

Remove loose aggregate immediately prior to placing pavement markings.

Place reflectorized pavement markings no sooner than 3 days nor later than 14 days after placement of the surface treatment.

Before construction operations begin, observe and mark existing passing/no passing zones. Passing/no passing zones shall be verified prior to placement of permanent pavement markings.

Furnish Type II glass beads conforming to DMS-8290, "Glass Traffic Beads", for Type I and II Markings.

When directed, use approved equipment to brush or sweep the roadway of excessive contaminate materials prior to applying pavement markings. This work will not be paid for directly, but will be subsidiary to Item 666.

Perform all work during daylight hours and when weather conditions are suitable for the work. Work will be performed on weekdays, Monday thru Friday. No work will be performed on weekends without written permission.

The quantities shown are estimates only. Payment will be based on the actual quantities placed.

ITEM 672: RAISED PAVEMENT MARKERS

Place permanent raised pavement markers after permanent striping has been completed.

ITEM 3076: DENSE-GRADED HOT-MIX ASPHALT (SMALL QUANTITY)

Design the mixture with the Super Gyrotory Compactor (SGC).

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.

No surface aggregate classification is required

No Department-owned RAP is available.

Cover each load of mixture with waterproof tarpaulins.

Supply tack coat binder meeting Item 300, SP 300-007 unless otherwise approved by the Engineer.

Operate the spreading and finishing machine at a uniform forward speed consistent with the plant production rate, hauling capability, and roller train capacity to result in a continuous operation. The speed shall be slow enough, so that stopping between trucks is not ordinarily required. If the Engineer determines sporadic delivery of material is adversely affecting the HMA placement, the Engineer may require paving operations to cease until acceptable methods are employed to minimize starting and stopping of the paver.

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", unless otherwise approved. This lime will be subsidiary to this item.

For HMA placements greater than 2 inches, construct longitudinal joints adjacent to travel ways with a maximum 1 inch vertical edge and an adjacent 3:1 maximum taper.

Along outside pavement edges construct a 3:1 maximum taper or backfill the same day as shown on the plans or as directed.

Remove and properly dispose of any piles of asphaltic concrete and all other debris left on the right of way daily.

ITEM 3077: SUPERPAVE MIXTURES

No Department-owned RAP is available.

A material transfer vehicle (MTV) will be required for all courses of HMA on this project. An MTV is defined as a self-propelled, wheel-mounted vehicle capable of receiving HMA from the haul trucks separate from the paver. The MTV shall have a minimum storage capacity of approximately 25 tons and shall be equipped with a pivoting discharge conveyor and a means of completely remixing the HMA prior to placement. The Engineer may approve an alternative device as long as it is capable of receiving HMA separate from the paver.

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", unless otherwise approved. 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.

Supply tack coat binder meeting Item 300, SP 300-007 unless otherwise approved by the Engineer.

Cover each load of mixture with waterproof tarpaulins.

Operate the spreading and finishing machine at a uniform forward speed consistent with the plant production rate, hauling capability, and roller train capacity to result in a continuous operation. The speed shall be slow enough so that stopping between trucks is not ordinarily required. If, in the opinion of the Engineer, sporadic delivery of material is adversely affecting the HMA placement, the Engineer may require paving operations to cease until acceptable methods are employed to minimize starting and stopping of the paver.

Remove and properly dispose of any piles of asphaltic concrete and all other debris left on the right of way daily.

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 3079: PERMEABLE FRICTION COURSE (PFC)

No RAP or RAS allowed.

Furnish a PG 76-22 binder.

Trial batches may be required whenever the design has not been produced in the previous 12 months. Trial batches will be subsidiary to Item 342.

Cover each load of mixture with waterproof tarpaulins.

Provide a tack that meets the requirements of Item 300, Table 3A or Table 10A, unless otherwise approved by the engineer.

Operate the spreading and finishing machine at a uniform forward speed consistent with the plant production rate, hauling capability, and roller train capacity to result in a continuous operation. The speed shall be slow enough so that stopping between trucks is not ordinarily required. If, in the opinion of the Engineer, sporadic delivery of material is adversely affecting the HMA placement, the Engineer may require paving operations to cease until acceptable methods are employed to minimize starting and stopping of the paver.

A material transfer vehicle (MTV) will be required. An MTV is defined as a self-propelled, wheel-mounted vehicle capable of receiving HMA from the haul trucks separate from the paver. The MTV shall have a minimum storage capacity of approximately 25 tons and shall be equipped with a pivoting discharge conveyor and a means of completely remixing the HMA prior to placement.

Use aggregate that meets the SAC requirements of class A materials, no blending is allowed.

Remove and properly dispose of any piles of asphaltic concrete and all other debris left on the right of way daily.

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ITEM 6185: TRUCK MOUNTED ATTENUATOR (TMA) AND TRAILER ATTENUATOR (TA)

Truck Mounted Attenuators (TMA's) shall meet the requirements of this item and the Department's Compliant Work Zone Traffic Control Device List.

Truck Mounted Attenuators (TMA's) as shown on the TCP's shall be used. Whether shown on the TCP's or added by the Department, TMA's shall be paid for under Item 6185, "Truck Mounted Attenuator" for the type of operation being performed.

Mobile Operations will require Two (2) TMA's, Mobile Operations for divided highways will require Three (3) TMA's and Stationary Operations will require One (1) TMA on this project. The Contractor will be responsible for determining if multiple operations will be ongoing at the same time to determine the total number of TMAs needed for the project.

6/14/2022 2:03:39 PM T:\LFDOM\Maint Contracts\0*RMC - Routine Maintenance Contracts\FY22 Plans\6407-24-001 MILL & INLAY (SOUTH) FY 2023\DGN\TitleSheet*Mill & Inlay (SOUTH).dgn

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STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED
STATE HIGHWAY ROUTINE MAINTENANCE CONTRACT
TYPE OF WORK:

MILL & INLAY, OVERLAY & BASE REPAIR (SOUTH)

RMC 6407-24-001

US 59, ETC.

POLK, ETC.

LIMITS: VARIOUS LOCATIONS IN THE POLK, TRINITY,
HOUSTON AND SAN JACINTO COUNTY MAINTENANCE SECTIONS

SEE SHEETS 2 AND 3
FOR LOCATION MAPS

FHWA TEXAS DIVISION	PROJECT NO.		SHEET NO.
		RMC 6407-24-001	1
STATE	DISTRICT	COUNTY	
TEXAS	LFK	POLK, ETC.	
CONTROL	SECTION	JOB	HIGHWAY NO.
6407	24	001	US 59, ETC.

BARRICADES AND WARNING SIGNS

PROJECT LIMIT BARRICADES WILL NOT BE REQUIRED.
THE CONTRACTOR SHALL PROVIDE AND ERECT WARNING SIGNS
IN ACCORDANCE WITH THE BARRICADE & CONSTRUCTION
STANDARDS, TCP STANDARDS, THE "TEXAS MANUAL ON
UNIFORM TRAFFIC CONTROL DEVICES" AND AS DIRECTED.



DocuSigned by:

Jeremy King, P.E.

6/29/2022

DATE

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* THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE
HAVE BEEN SELECTED BY ME OR UNDER MY RESPONSIBLE
SUPERVISION AS BEING APPLICABLE TO THIS PROJECT.

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

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RECOMMENDED FOR LETTING:

DocuSigned by:

Jeremy King, P.E.

6/29/2022

DISTRICT MAINTENANCE ENGINEER

DATE

5135292FE4184A4...

DocuSigned by:

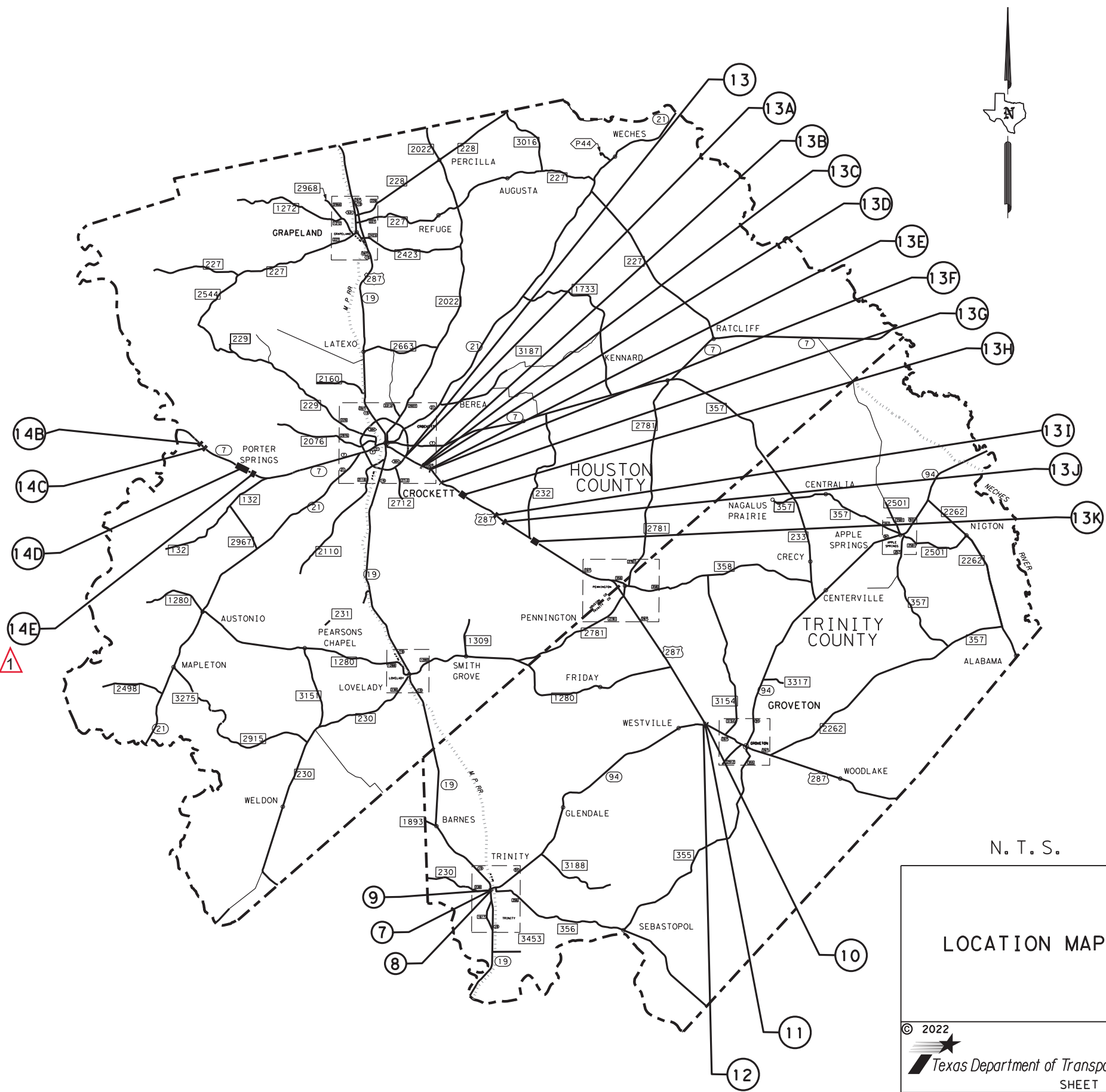
[Signature]

6/29/2022

DA6ECD29BC5C492... ATIONS

DATE

LOCATION NUMBER	COUNTY	HIGHWAY	DIRECTION	LIMITS	
				FROM	TO
7	TRINITY	SH 19	SB	FM 230 RM 412+1.000	400' N OF BRANTLEY ST RM 414+1.227
8	TRINITY	SH 19	SB	400' N OF BRANTLEY ST RM 412+1.841	BRANTLEY ST RM 412+1.766
9	TRINITY	FM 230	SB	SH 19 RM 406+1.800	1000' W OF SH 19 RM 408-0.389
10	TRINITY	US 287	SB	1200' S OF SH 94 RM 660-0.105	1200' N OF SH 94 RM 660+0.368
11	TRINITY	SH 94 ON RAMP	SB	US 287 RM 704+0.823	SH 94 RM 704+1.920
12	TRINITY	SH 94 OFF RAMP	NB	SH 94 RM 784+1.075	US 287 RM 704+1.321
13	HOUSTON	US 287S	SB	SL 304 RM 636+1.411	RM 636+1.355
13A	HOUSTON	US 287S	SB	RM 636+1.411	RM 636+1.450
13B	HOUSTON	US 287S	SB	RM 638+0.028	RM 638+0.049
13C	HOUSTON	US 287S	SB	RM 638+0.390	RM 638+0.433
13D	HOUSTON	US 287S	SB	RM 638+0.880	RM 638+0.949
13E	HOUSTON	US 287S	SB	RM 638+1.157	RM 638+1.195
13F	HOUSTON	US 287S	SB	RM 638+1.682	RM 638+1.802
13G	HOUSTON	US 287S	SB	RM 640+1.678	RM 636+1.706
13H	HOUSTON	US 287S	SB	RM 642+0.189	RM 642+0.092
13I	HOUSTON	US 287S	SB	RM 644+1.452	RM 644+1.368
13J	HOUSTON	US 287S	SB	RM 644+1.642	RM 644+1.665
13K	HOUSTON	US 287S	SB	RM 646+0.528	RM 646+0.641
14B	HOUSTON	SH 7	WB	RM 664+0.654	RM 664+0.459
14C	HOUSTON	SH 7	WB	RM 664+1.477	RM 664+0.871
14D	HOUSTON	SH 7	WB	RM 666+1.707	RM 666+1.335
14E	HOUSTON	SH 7	WB	RM 666+1.428	RM 666+1.580



N. T. S.

LOCATION MAPS

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 Texas Department of Transportation
 SHEET 2 OF 2

CONT	SECT	JOB	HIGHWAY
6407	24	001	US 59, ETC.
DIST	COUNTY		SHEET NO.
LFK	POLK, ETC.		3

1 Addendum #1 7/22/2022

Project Number: RMC 6407-24-001

Control: 6407-24-001

County: Polk, ETC.

Highway: US 59, ETC.

ITEM 502: BARRICADES, SIGNS, AND TRAFFIC HANDLING

Traffic Control Plan (TCP):

~~The Maintenance Section Supervisor and Area Engineer shall decide if the "Maintenance Work Zone Speed Limit Signs" are needed. If needed, these signs will not be paid for directly, but will be considered subsidiary to item 502.~~

Location Numbers 2 – 2B, 4 (US 59 – Polk County) require speed reduction signs during construction. Fabricate, provide, and maintain speed limit signs (45 mph) as shown on the applicable Maintenance Work Zone Speed Limit Signs standard. Remove or cover regulatory (black and white) speed limit signs, when not applicable. These signs are required for both lanes of travel on divided highways regardless of the location of work.

Location Numbers 3 (US 59 – Polk County) require speed reduction signs during construction. Fabricate, provide, and maintain speed limit signs (60 mph) as shown on the applicable Maintenance Work Zone Speed Limit Signs standard. Remove or cover regulatory (black and white) speed limit signs, when not applicable. These signs are required for both lanes of travel on divided highways regardless of the location of work.



Location Numbers 5 (US 59 – Polk County) require speed reduction signs during construction. Fabricate, provide, and maintain speed limit signs (40 mph) as shown on the applicable Maintenance Work Zone Speed Limit Signs standard. Remove or cover regulatory (black and white) speed limit signs, when not applicable. These signs are required for both lanes of travel on divided highways regardless of the location of work.

Location Number 13F – 13K, 14B-14E (US 287 & SH 7 – Houston County) requires speed reduction signs during construction. Fabricate, provide, and maintain speed limit signs (60 mph) as shown on the applicable Maintenance Work Zone Speed Limit Signs standard. Remove or cover regulatory (black and white) speed limit signs, when not applicable. These signs are required for both lanes of travel on divided highways regardless of the location of work.

Furnishing, erecting, relocating, and removing temporary speed zone signs is subsidiary to Item 502.

Install vertical panels or drums at 100-ft. spacings where drop-offs or construction work occurs along edges of existing pavement. Unless otherwise authorized, these shall remain in place until final striping.

Project limit barricades will not be required. Daily lane closure signage with contract description information sign will be required.

Ensure the Contractor's Responsible Person (CRP) for Barricades, Signs and Traffic Handling is available at all times and able to receive instructions from the Engineer or authorized Department representative. The CRP shall be a person that is usually at the project site during normal working hours.

For protection of the traveling public, direct traffic through the work area using signs, flaggers and other devices. Required signs are shown in the plans on the Barricade and Construction

Project Number: RMC 6407-24-001

Control: 6407-24-001

County: Polk, ETC.

Highway: US 59, ETC.

Standards and Traffic Control Plan Sheets. The latest edition of the "Texas Manual on Uniform Traffic Control Devices" shall also be used as a guide for handling traffic on this project.

Install "No Center Line" (CW8-12) signs as directed.

Restrict construction work to single lane widths with only minor disruptions in traffic flow. Lane closures shall conform to the Traffic Control Plan for lane closures as shown in the plans. No overnight closures will be permitted.

Limit lane closures for multilane roads (4 or more lanes) to 2 mi. in length, unless otherwise approved.

Limit lane closures for 2 lane roads to 1 mi. in length, unless otherwise approved.

Lane closure lengths can exclude the end tapers.

Plan the sequence of work to minimize the time lane closures are in place. Install lane closures only where construction operations are anticipated to start within 1 hr. and limited to the amount of lane that can be reached by the construction activity within 2 hr. unless otherwise approved.

No lane closures will be allowed on Noon on Fridays or on days preceding National Holidays unless otherwise approved.

Extra time has been added to the total number of working days allocated for this project to account for not working on Friday afternoons or the afternoon preceding a National holiday.

Provide a flashing arrow panel and a truck-mounted attenuator to supplement required signs and devices for each lane closure.

Provide temporary rumble strips as shown on WZ(RS)-22.

Provide a pilot car to lead traffic through the work area. The pilot car will not be paid for directly, but will be subsidiary to various bid items.

Install "Be Prepared to Stop" (CW3-4) and "Flagger Ahead" (CW20-7aD) signs when flaggers are present. Position the signs where good visibility and traffic control can be maintained.

When directed use a flashing arrow board in addition to the required signs to warn motorists of flaggers.

Department approved safety vests shall be worn by all contractor's employees and visitors.

Provide adequate flaggers to protect the traveling public. All flaggers shall wear approved hardhats and reflective safety vests while flagging. Safety vests shall be clean and worn fully fastened.

Use additional flaggers at roadway intersections to direct traffic entering the work area, when deemed necessary by the Engineer.

Open all traffic lanes to traffic at the close of work each day.



Estimate & Quantity Sheet


CONTROLLING PROJECT ID 6407-24-001

DISTRICT Lufkin
HIGHWAY US0059

COUNTY Polk

CONTROL SECTION JOB				6407-24-001		TOTAL EST.	TOTAL FINAL
PROJECT ID				A00188330			
COUNTY				Polk			
HIGHWAY				US0059			
ALT	BID CODE	DESCRIPTION	UNIT	EST.	FINAL		
	351-6006	FLEXIBLE PAVEMENT STRUCTURE REPAIR(10")	SY	3,702.000		3,702.000	
	354-6176	PLANE ASPH CONC PAV (1 1/2" TO 2 1/2")	SY	100,909.000		100,909.000	
	500-6001	MOBILIZATION	LS	1.000		1.000	
	502-6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	4.000		4.000	
	662-6112	WK ZN PAV MRK SHT TERM RMV (W)(4")	LF	8,962.000		8,962.000	
	662-6113	WK ZN PAV MRK SHT TERM RMV (Y)(4")	LF	17,921.000		17,921.000	
	666-6299	RE PM W/RET REQ TY I (W)4"(BRK)(090MIL)	LF	20,986.000		20,986.000	
	666-6302	RE PM W/RET REQ TY I (W)4"(SLD)(090MIL)	LF	52,635.000		52,635.000	
	666-6314	RE PM W/RET REQ TY I (Y)4"(SLD)(090MIL)	LF	57,135.000		57,135.000	
	668-6076	PREFAB PAV MRK TY C (W) (24") (SLD)	LF	1,500.000		1,500.000	
	672-6007	REFL PAV MRKR TY I-C	EA	820.000		820.000	
	672-6009	REFL PAV MRKR TY II-A-A	EA	1,551.000		1,551.000	
	3077-6033	SP MIXESSP-CSAC-A PG76-22	TON	11,496.000		11,496.000	
	3077-6075	TACK COAT	GAL	3,136.000		3,136.000	
	3079-6007	PFC-C (PG76 MIX) SAC-A	TON	898.000		898.000	
	3079-6023	TACK COAT	GAL	327.000		327.000	
	6185-6002	TMA (STATIONARY)	DAY	41.000		41.000	
	6185-6005	TMA (MOBILE OPERATION)	DAY	41.000		41.000	



 Addendum #1 7/22/2022



DISTRICT	COUNTY	CCSJ	SHEET
Lufkin	Polk	6407-24-001	5

SUMMARY OF MILL & INLAY ITEMS (CONTINUED)

LOCATION NUMBER	COUNTY	HIGHWAY NO.	ITEM NO.						354 6176	3077 6033	3077 6075	3079 6007	3079 6023	① CONTRACTOR INFORMATION ONLY
			LIMITS		ROADWAY DIMENSIONS			② ③ MILL	② ③ INLAY				APPROXIMATE NO. OF TRAFFIC CONTROL SETUPS	
			FROM	TO	LENGTH	ESTD MILL DEPTH	AVG. SURFACE WIDTH	PLANE ASP CONC PAV (1 1/2" TO 2 1/2")	SUPERPAVE MIXTURE SP-C SAC-A PG76-22 (@ 220 LB/SY)	④ TACK COAT (0.03 GAL/SY)	PFC-C PG76-22 SAC-A (@ 165 LB/SY)	④ TACK COAT (0.03 GAL/SY)		EA
FT	MI	IN	FT	SY	TON	GAL	TON	GAL	EA					
13H	HOUSTON	US 287	SL 304' RM 642+0.189	RM 642+0.092	513	0.097	2	13	741	82	22			1
13I	HOUSTON	US 287	RM 644+1.452	RM 644+1.368	444	0.084	2	26	1,283	141	38			1
13J	HOUSTON	US 287	RM 644+1.642	RM 644+1.665	125	0.024	2	13	181	20	5			1
13K	HOUSTON	US 287	RM 646+0.528	RM 646+0.641	600	0.114	2	28	1,867	205	56			1
14B	HOUSTON	SH 7	RM 664+0.654	RM 664+0.459	1,030	0.195	2	14	1,602	176	48			1
14C	HOUSTON	SH 7	RM 664+1.477	RM 664+0.871	3,200	0.606	2	28	9,956	1,095	299			1
14D	HOUSTON	SH 7	RM 666+1.707	RM 666+1.335	1,962	0.372	2	42	9,156	1,007	275			1
14E	HOUSTON	SH 7	RM 666+1.428	RM 666+1.580	805	0.152	2	14	1,252	138	38			1
HOUSTON COUNTY SUBTOTAL									26,038	2,864	781			8
HOUSTON COUNTY TOTAL									32,345	3,559	971			16



- ① FOR CONTRACTOR'S INFORMATION ONLY.
- ② MATCH ADJACENT CURB CROSS SECTION.
- ③ THE ENGINEER WILL MARK THE EXACT AREAS TO BE PLANNED. THE CONTRACTOR CAN ONLY MILL WHAT CAN BE REPLACED IN ONE DAY PRODUCTION.
- ④ TACK COAT IS TRACKLESS TACK.

① Addendum #1 7/22/2022

QUANTITY SUMMARIES

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 Texas Department of Transportation
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CONT	SECT	JOB	HIGHWAY
6407	24	001	US 59, ETC.
DIST	COUNTY		SHEET NO.
LFK	POLK, ETC.		9