

ADDENDUM NO. 1
PROJECT MANUAL
HUNTSVILLE MUNICIPAL AIRPORT
CITY OF HUNTSVILLE, TEXAS
2025 AIRPORT RUNWAY PAVEMENT IMPROVEMENTS
TXDOT CSJ NO. 2517HUNTS

Bids will be received until August 19, 2025, at 1 P.M., local time.

This Addendum to the Bid Documents is issued to modify, explain, or correct the original Contract Documents and Specifications for Huntsville Municipal Airport 2025 Airport Runway Pavement Improvements (TxDOT CSJ. No. 2517HUNTS) and is hereby made part of the Contract Documents. Acknowledgment of receipt of this addendum is required on the signature page of the Bid Form. Failure to acknowledge all addenda could render your Bid out of form and result in a non-responsive Bid.

A. BIDDING AND CONTRACTING REQUIREMENTS

1. BID FORM

REPLACE Bid Form with the attached **Revised** Bid Form.

2. NONMANDATORY PREBID CONFERENCE MEETING DOCUMENTS

a. MEETING AGENDA, MINUTES, AND REGISTER

ADD the attached Nonmandatory Prebid Conference Meeting Agenda, Minutes, and Register.

B. DRAWINGS

1. SHEET NO. 4–PROJECT QUANTITIES

REPLACE Sheet No. 4 with the attached revised Sheet No. 4.

2. SHEET NO. 7–PHASING PLAN–RW CLOSED

REPLACE Sheet No. 7 with the attached revised Sheet No. 7.

3. SHEET NO. 8–EROSION CONTROL PLAN

REPLACE Sheet No. 8 with the attached revised Sheet No. 8.

4. SHEET NO. 12–RECONSTRUCTION DETAILS

REPLACE Sheet No. 12 with the attached revised Sheet No. 12.

5. SHEET NO. 20–RW RECONSTRUCTION PLAN–VIII

REPLACE Sheet No. 20 with the attached revised Sheet No. 20.

6. SHEET NO. 36–STANDARD DETAILS

REPLACE Sheet No. 36 with the attached revised Sheet No. 36.

**BIDDERS MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE
SPACE PROVIDED IN THE BID FORM**

Dated at Brenham, Texas
August 8, 2025

STRAND ASSOCIATES, INC.®
TBPE No. F-8405
TBPLS No. 10030000
1906 Niebuhr Street
Brenham, TX 77833





Minutes
Nonmandatory Prebid Conference
2025 Airport Runway Pavement Improvements
TxDOT CSJ No. 2517HUNTS
City of Huntsville, Texas
August 6, 2025, 9 A.M.

1. Introduction of those Present–The following people were in attendance at the conference:

Attendees	Representing	Contact
Layne Yeager*	City of Huntsville (Owner)	Tel: 936-294-5782 E-mail: lyeager@huntsvilletx.gov
Robert Johnson, P.E.	Texas Department of Transportation (TxDOT)	Tel: 512-701-9702 E-mail: robert.n.johnson@txdot.gov
Caitlin McGunigle	Texas Department of Transportation	Tel: 737-256-9075 E-mail: caitlin.mcgunigle@txdot.gov
James Cassel	Texas Department of Transportation	Tel: 512-416-4500
Eli Lopez*	Texas Department of Transportation	Tel: 512-416-4506 E-mail: eli.lopez@txdot.gov
Lonnie Mitchell	Knife River Corporation (Knife River)	Tel: 979-361-2900 E-mail: lonnie.mitchell@kinferiver.com
Brandon Alcala	Don Jackson Construction, Inc. (Don Jackson)	Tel: 254-896-3005 Cell: 214-790-5903 E-mail: info@djctx.com
Molly Goff, P.E.	Strand Associates, Inc.® (Engineer)	Tel: 979-836-7937 E-mail: molly.goff@strand.com
Jared Engelke, P.E., Project Manager	Strand Associates, Inc.®	Tel: 979-836-7937 E-mail: jared.engelke@strand.com

*Attended virtually.

2. General Project Description and Overview

- a. Project Description
 - (1) Base Bid–Runway (RW) 18-36 Reconstruction and Stub Taxiway (TW) Transition Overlays
 - (2) Deductive Alternate Bid No. 1–RW 18-36 cement stabilized base is 6 inches.
- b. Bidding–Bidders must Bid on the Base Bid and Deductive Alternate Bid No. 1.
- c. Disadvantaged Business Enterprise (DBE) Requirements
 - (1) The DBE goal is 2 percent.
 - (2) The bidder must submit an acceptable DBE plan and commitment of good faith effort no later than 5 calendar days after the Bid opening as a matter of responsibility.
 - (3) Contact Eli if there are questions.
- d. Bid Delivery–Sealed bids for the airport improvements construction project at the Huntsville Municipal Airport need to be addressed and delivered to Brandy Schwettmann, TxDOT Aviation Division, 6230 East Stassney Lane, 2nd Floor, Austin, TX 78744. The delivered package must be clearly marked as “Bid Proposal.” Bids will be received until 1 P.M. on August 19, 2025, and then publicly opened and read. Bids received after 1 P.M. will be returned unopened.
- e. General Provisions
 - (1) Contract Time–90 calendar days for Base Bid and Deductive Alternate Bid No. 1.
 - (2) Liquidated Damages–\$1,000 per calendar day.
 - (3) Bid Form should be completed online and then signed with ink.
 - (4) Each bidder must be prequalified or submit qualification statements with Bids.

3. Addenda

- a. There are no addenda at this time.
- b. Addendum No. 1 will include the following:
 - (1) Sign-In sheet.
 - (2) Prebid Conference Agenda.
 - (3) Issues or clarification from the Prebid Conference.
- c. The deadline for questions from contractors is 5 P.M. on August 7, 2025, and Addendum No. 1 will be posted on August 8, 2025.

4. Questions and Comments from Prebid Conference

- a. Knife River (Lonnie) asked whether there is an electronic delivery method for the Bid? TxDOT (Robert) stated there is not and a physical copy is required.
- b. Knife River (Lonnie) asked whether the 2024 TxDOT Standard Specifications will be used? Engineer (Jared) stated the 2024 TxDOT Standard Specifications will be used.
- c. Knife River (Lonnie) asked whether Grade 1-2 flexible base acceptable instead of Grade 3? Engineer (Jared) stated that this will be clarified in Addendum No. 1.
- d. Knife River (Lonnie) asked whether it is the intention to remove all hot mix asphalt regardless of the depth and deliver the excess to Owner's designated area? Engineer (Jared) stated that this will be clarified in Addendum No. 1.
- e. Knife River (Lonnie) asked whether the 30 percent recycled asphalt pavement (RAP) is by weight or by volume? Engineer (Jared) stated that this will be clarified in Addendum No. 1.
- f. Knife River (Lonnie) asked why Deductive Alternate Bid No. 1, Item D1.1 is a lump sum? Engineer (Jared) stated that this lump sum designation is for the additional delivery of excess materials to Owner's designated area.
- g. Don Jackson (Brandon) asked what laboratory will be performing the quality assurance (QA) materials testing? Engineer (Jared) stated that it is anticipated that Rodriguez Engineering Laboratories, LLC will perform the QA.
- h. Don Jackson (Brandon) asked who will be performing resident project representative (RPR) services for the project? Engineer (Jared) stated that it is anticipated that Hollaway Consulting Engineers, LLC will perform RPR services.
- i. Knife River (Lonnie) asked whether the RW will be shut down through the duration of the project? Engineer (Jared) stated that this will be clarified in Addendum No. 1.

If there are any additions or comments, please call 979-836-7937.

Prepared and respectfully submitted by Molly K. Goff, P.E.

Enclosure

c/enc: All Attendees



Meeting Register
Nonmandatory Prebid Conference
2025 Airport Runway Pavement Improvements
TxDOT CSJ No. 2517HUNTS
August 6, 2025, 9 A.M.

Please verify your contact information. If it is correct, please check the box (☐) to the left. If updates are necessary, or if you have not previously provided this information, please print your information in the spaces provided.

Name/Representing		Mailing Address	Contact Information
<input checked="" type="checkbox"/>	Layne Yeager Huntsville Municipal Airport (virtual)	1000 Airport Drive Huntsville, Texas 77320	Phone No.: 936-294-5782 Cell No.: Fax No.: E-mail: lyeager@huntsvilletx.gov
<input checked="" type="checkbox"/>	Robert N. Johnson, P.E. TxDOT Aviation	6230 E. Stassney Lane Austin, TX 78744	Phone No.: 512-701-9702 Cell No.: Fax No.: E-mail: robert.n.johnson@txdot.gov
<input checked="" type="checkbox"/>	Caitlin McGunigle TxDOT Aviation	6230 E. Stassney Lane Austin, TX 78744	Phone No.: 737-256-9075 Cell No.: Fax No.: E-mail: caitlin.mcgunigle@txdot.gov
<input checked="" type="checkbox"/>	Jared D. Engelke, P.E. Strand Associates, Inc.®	1906 Niebuhr Street Benham, Texas 77833	Phone No.: 979-836-7937 Cell No.: Fax No.: E-mail: jared.engelke@strand.com
<input checked="" type="checkbox"/>	Molly K. Goff, P.E. Strand Associates, Inc.®	1906 Niebuhr Street Benham, Texas 77833	Phone No.: 979-836-7937 Cell No.: Fax No.: E-mail: molly.goff@strand.com
<input type="checkbox"/>	Lonnie Mitchell Kritz River Corp.		Phone No.: 779-361-2900 Cell No.: Fax No.: E-mail: lonnie.mitchell@kritzriver.com
<input type="checkbox"/>	James Cressel TxDOT		Phone No.: Cell No.: Fax No.: E-mail:
<input type="checkbox"/>	Brandon Alcala Don Jackson construction		Phone No.: 254 896 3005 Cell No.: 214 790 5903 Fax No.: E-mail: info@djctx.com



Meeting Register
 Nonmandatory Prebid Conference
 2025 Airport Runway Pavement Improvements
 TxDOT CSJ No. 2517HUNTS
 August 6, 2025, 9 A.M.

Name/Representing		Mailing Address	Contact Information
<input type="checkbox"/>	ELI Lopez		Phone No.: 512 - 416 - 4506 Cell No: _____ Fax No.: _____ E-mail: ELI.LOPEZ@TXDOT.GOV
<input type="checkbox"/>			Phone No.: _____ Cell No: _____ Fax No.: _____ E-mail: _____
<input type="checkbox"/>			Phone No.: _____ Cell No: _____ Fax No.: _____ E-mail: _____
<input type="checkbox"/>			Phone No.: _____ Cell No: _____ Fax No.: _____ E-mail: _____
<input type="checkbox"/>			Phone No.: _____ Cell No: _____ Fax No.: _____ E-mail: _____
<input type="checkbox"/>			Phone No.: _____ Cell No: _____ Fax No.: _____ E-mail: _____
<input type="checkbox"/>			Phone No.: _____ Cell No: _____ Fax No.: _____ E-mail: _____

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ITEM NO.	FAA or TxDOT ITEM	DESCRIPTION	ESTIMATED QUANTITY	
BASE BID–PAVEMENT REMOVAL, 8-INCHES STABILIZE EXISTING BASE / RAP WITH CEMENT (TxDOT 275), 1-INCH FLEXIBLE BASE (TxDOT 247), 4-INCH HOT MIX ASPHALT PAVEMENT (TxDOT 341)				
1.	C-100	Contractor Quality Control Program.	1	LS
2.	C-102	Temporary Air and Water Pollution, Soil Erosion, and Siltation Control.	1	LS
3.	C-105	Mobilization.	1	LS
4.	Special	Install RW Closure Markers.	1	LS
5.	P-101	Cold Milling (Thickness Varies) (Deliver Excess to Owner).	57,300	SY
6.	P-620	Permanent Runway Painting (White).	24,000	SF
7.	P-620	Permanent Runway Painting (Yellow).	10,000	SF
8.	TxDOT 160	Furnishing and Placing Topsoil.	1,860	CY
9.	TxDOT 162	Block Sodding.	2,220	SY
10.	TxDOT 164	Broadcast Seeding (Permanent) (Rural).	33,800	SY
11.	TxDOT 247	Flexible Base (1 Inch) (Type A, Grade 1-2).	57,850	SY
12.	TxDOT 275	Cement Treatment (Road Mixed) (8 Inches).	57,850	SY
13.	TxDOT 275	Cement (5 Percent Used for Estimating Purposes).	1,040	TON
14.	TxDOT 310	Prime Coat (MC-30 at 0.30 Gallons per Square Yard [gal/sy]).	16,675	GAL
15.	TxDOT 341	Tack Coat (at 0.10 gal/sy).	5,550	GAL
16.	TxDOT 341	Dense-Graded Hot Mix Asphalt (HMA) (Performance Graded [PG] 64-22) (Type C) (2 Inches).	6,120	TON
17.	TxDOT 341	Dense-Graded HMA (PG 64-22) (Type D) (2 Inches).	6,300	TON
18.	Special	Adjust PAPI Lens Height.	3	EACH
19.	Special	L-867B Riser (4 Inch) (12 Inch Dia.) with Reinforced Concrete Weed Barrier.	28	EACH
20.	Special	L-867B Riser (6 Inch) (12 Inch Dia.) with Reinforced Concrete Weed Barrier.	3	EACH
DEDUCTIVE ALTERNATIVE BID NO. 1–DEDUCT FLEXIBLE BASE (TxDOT 247), DEDUCT 2-INCHES OF CEMENT STABILIZATION FOR EXISTING BASE				
D1.1.	P-101	Cold Milling (Additional Deliver Excess to Owner).	1	LS
D1.2.	TxDOT 247	Flexible Base (Remove 1 Inch) (Type A, Grade 1-2).	(57,850)	SY
D1.3.	TxDOT 275	Cement Treatment (Road Mixed) (Remove 2 Inches).	(57,850)	SY
D1.4.	TxDOT 275	Cement (5 Percent Used for Estimating Purposes).	(260)	TON

PAY ITEM NOTES:
1. FAA/TXDOT ITEMS DENOTED AS "SPECIAL" REFERENCE PLAN SHEET DETAILS AND/OR NOTES ONLY, AND DO NOT REFERENCE ANY SPECIFICATION INCLUDED IN THE CONTRACT DOCUMENTS.

STATE OF TEXAS
JARED DAVID ENGELKE
138204
LICENSED PROFESSIONAL ENGINEER
8.8.2025

DATE:
08/08/25

REVISIONS

NO.
1.

ADDENDUM NO. 1

PROJECT QUANTITIES

HUNTSVILLE, TEXAS
HUNTSVILLE MUNICIPAL AIRPORT
2025 AIRPORT RUNWAY PAVEMENT IMPROVEMENTS

JOB NO.
4516.010

PROJECT MGR.
JDE

TBPE No. F-8405

SA

STRAND ASSOCIATES®

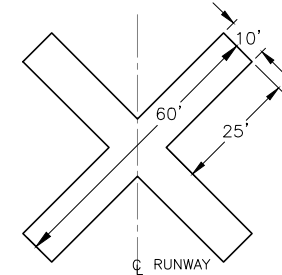
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PHASE I CONSTRUCTION ACTIVITIES (RUNWAY CLOSED)

1. DE-ENERGIZE RW 18-36 MIRLS, PAPIs, AND CLOSE RW 18-36. ALL PAVEMENT OUTSIDE THE ROFA TO REMAIN OPEN DURING CONSTRUCTION ACTIVITIES.
2. INSTALL TEMPORARY SEDIMENT CONTROL DEVICES, AS NECESSARY.
3. RECONSTRUCT RW 18-36.
4. PERFORM OVERLAY TRANSITION AT STUB TWs.
5. CONSTRUCT 1.5" PAVEMENT EDGE DROP-OFF AND PERFORM GRADING.
6. ESTABLISH SODDING AND SEEDING.
7. COMPLETE STRIPING AND RETROREFLECTORS.
8. CONTINUE WATERING SEEDED AREAS TO ESTABLISH VEGETATIVE GROWTH AS NEEDED DURING RUNWAY CLOSURE.
9. REOPEN RW 18-36 AND RE-ENERGIZE RW 18-36 MRL AND PAPIs.

GENERAL PHASING NOTES (CLOSED RUNWAY):

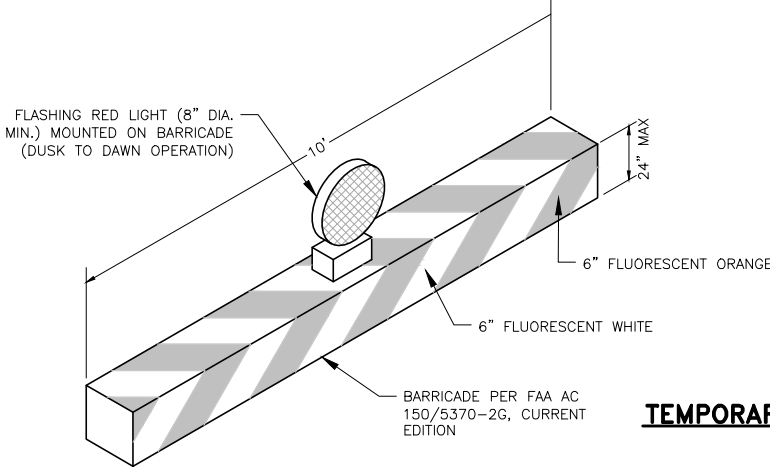
1. THE CONSTRUCTION PHASING AND SCHEDULE ARE PRELIMINARY. CONTRACTOR SHALL PROVIDE THE ENGINEER A PROJECT CONSTRUCTION SCHEDULE BY PHASE AT LEAST 4 CALENDAR DAYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE. THIS SCHEDULE WILL BE REVIEWED BY TxDOT, AIRPORT OPERATOR, AND ENGINEER, THEN DISCUSSED AT THE PRE-CONSTRUCTION CONFERENCE. A FINAL PROJECT SCHEDULE, BY PHASE, IS REQUIRED TO BE SENT TO THE ENGINEER NO LATER THAN 10 CALENDAR DAYS AFTER THE NOTICE TO PROCEED DATE.
2. ALL HANGAR OWNERS/TENANTS SHALL BE NOTIFIED BY THE AIRPORT OPERATOR A MINIMUM OF 2 WEEKS PRIOR TO START OF CONSTRUCTION TO ALLOW RELOCATION OF AIRCRAFT. CONTRACTOR SHALL GIVE THE AIRPORT OPERATOR SUFFICIENT NOTICE TO BEGIN CONTACTING HANGAR OWNERS/TENANTS.
3. CONTRACTOR SHALL BEGIN SODDING AND SEEDING OPERATIONS AS SOON AS FINAL GRADING HAS BEEN ACHIEVED IN DISTURBED AREAS. THE CONTRACTOR MAY REMOVE EROSION CONTROL DEVICES AND CLOSE OUT THE PROJECT ONLY AFTER 70% MINIMUM VEGETATIVE COVER IS ACHIEVED AND AFTER RECEIVING ACCEPTANCE IN WRITING FROM THE ENGINEER.



TEMPORARY RUNWAY CLOSURE MARKER
NTS

CLOSED MARKER NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE ENGINEER/RPR AT LEAST TWO WEEKS PRIOR TO CLOSING THE RUNWAY. THE CONTRACTOR AND RPR SHALL VERIFY THAT THE APPROPRIATE NOTAMS ARE IN EFFECT AND HANGAR OWNERS HAVE BEEN NOTIFIED TWO WEEKS PRIOR TO INSTALLING RUNWAY CLOSURE MARKERS AND OPERATING INSIDE THE ROFZ. THE CONTRACTOR SHALL COORDINATE WITH THE RPR TO ENSURE TIMELY CANCELLATION OF NOTAMS ONCE THE RUNWAY CLOSURE IS NO LONGER NEEDED. RUNWAY CLOSURE MARKERS SHALL BE REMOVED PRIOR TO NOTAM CANCELLATION.
2. WHEN THE RUNWAY IS CLOSED, ALL AIRFIELD LIGHTING SHALL BE TURNED OFF.
3. THE RUNWAY SHALL BE CLOSED ONLY WHILE CONSTRUCTION ACTIVITIES OR EQUIPMENT ARE WITHIN THE ROFZ, OR IF CONDITIONS DO NOT ALLOW.
4. TEMPORARY RUNWAY CLOSURE MARKERS SHALL BE FABRIC COLORED SOLID AVIATION YELLOW.
5. TEMPORARY RUNWAY CLOSURE MARKERS SHALL BE LOCATED ON THE NUMERALS AT BOTH RUNWAY ENDS.

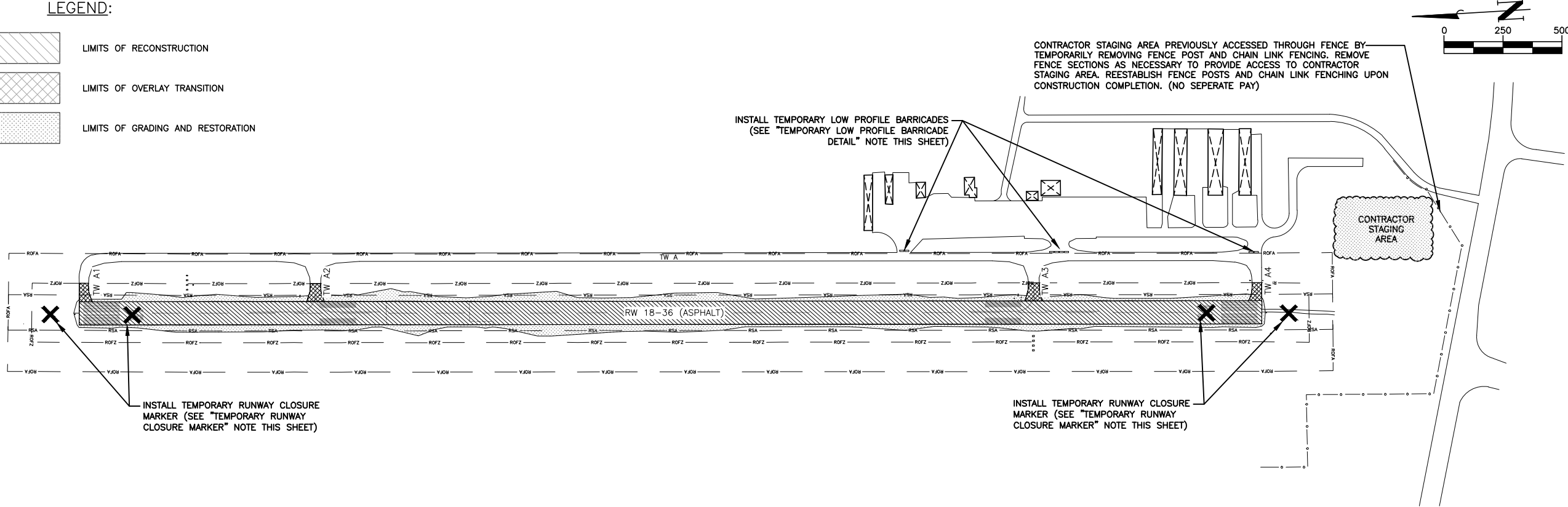
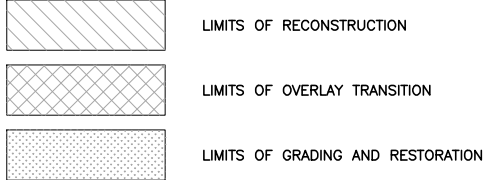


NOTES:

1. BARRICADES SHALL BE SPACED WITH LIGHTING NOT EXCEEDING 20' ON CENTER, AND SPACING BETWEEN BARRICADES NOT EXCEEDING 10'.
2. FLUORESCENT ORANGE AND WHITE STRIPES SHALL BE ON THREE SIDES OF BARRICADE.
3. LOCATIONS FOR TEMPORARY BARRICADES ARE SHOWN ON THIS SHEET. LOCATIONS FOR BARRICADES SHOWN ARE A MINIMUM. CONTRACTOR SHOULD MAKE HIS OWN DETERMINATION AS TO LOCATION OF ADDITIONAL BARRICADES TO PROTECT WORK AND TO CONTROL THE FLOW OF AIRPLANE TRAFFIC.
4. USE OF RAILROAD TIES ARE NOT ALLOWED FOR TEMPORARY BARRICADES.

TEMPORARY LOW-PROFILE BARRICADE DETAIL

LEGEND:

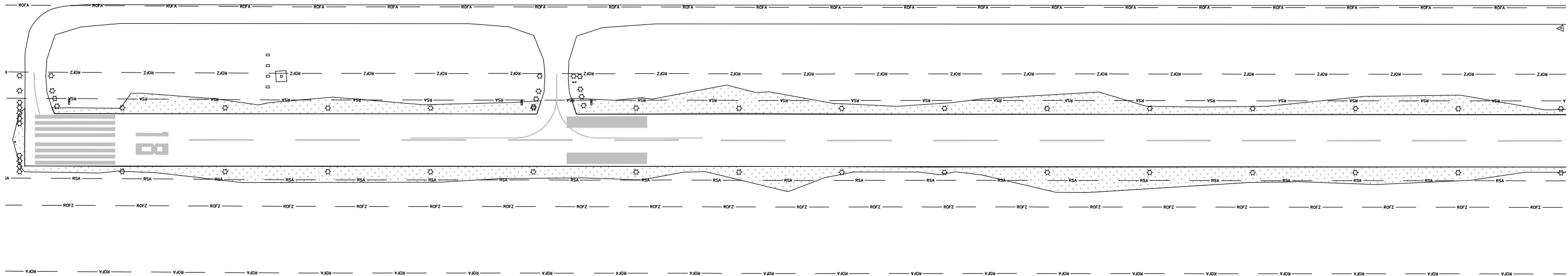


NO.	REVISIONS	DATE
1.	ADDENDUM NO. 1	08/08/25

PHASING PLAN - RW CLOSED
HUNTSVILLE, TEXAS
HUNTSVILLE MUNICIPAL AIRPORT
2025 AIRPORT RUNWAY PAVEMENT IMPROVEMENTS

JOB NO.
4516.010
PROJECT MGR.
JDE
TBPE No. F-8405
STRAND ASSOCIATES
SHEET
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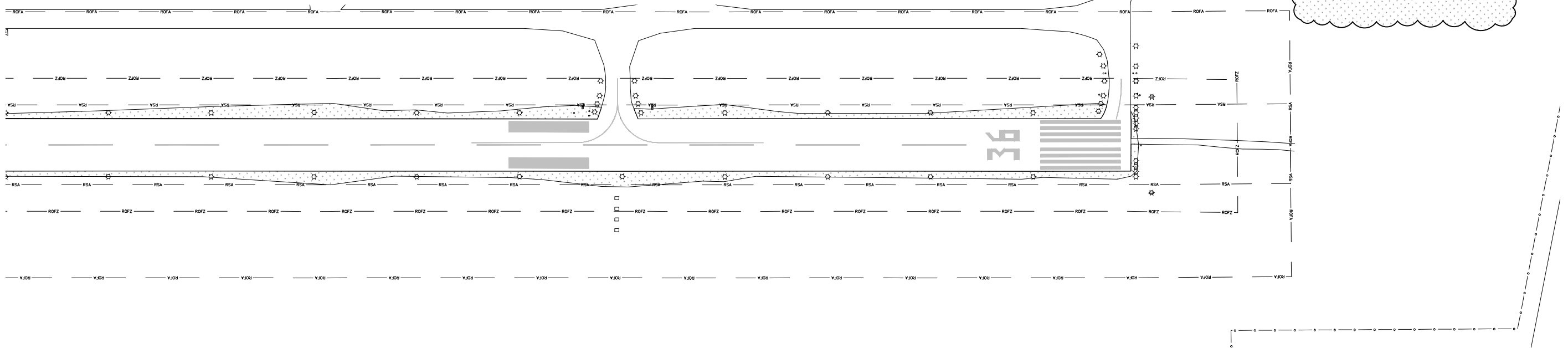
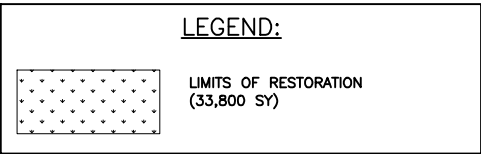
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EROSION CONTROL NOTES:

1. CONTRACTOR STAGING AREAS AND CONSTRUCTION EXIT LOCATIONS SHOWN ARE FOR BIDDING PURPOSES ONLY. THEIR FINAL LOCATIONS ARE DETERMINED DURING THE PRE-CONSTRUCTION CONFERENCE, BASED ON CONTRACTOR INPUT.
2. THE RPR WILL PERFORM A REGULARLY SCHEDULED SW3P INSPECTION EVERY 7 CALENDAR DAYS AND AFTER MORE THAN 1/2-INCH RAINFALL EVENT.
3. CONTRACTOR SHALL PLACE ALL EROSION CONTROL DEVICES OUTSIDE THE SAFETY AREAS OF ACTIVE RUNWAYS OR TAXIWAYS. ALL EROSION CONTROL DEVICES LOCATED WITHIN A SAFETY AREA MUST BE REMOVED PRIOR TO REACTIVATION OF RUNWAY OR TAXIWAY AND UPON APPROVAL OF THE ENGINEER.
4. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES THROUGHOUT THE DURATION OF THE PROJECT (NO SEPARATE PAY).
5. CONTRACTOR SHALL IMMEDIATELY RESTORE ANY DAMAGED EROSION CONTROL DEVICES (NO SEPARATE PAY).
6. CONTRACTOR SHALL IMMEDIATELY ADJUST EROSION CONTROL DEVICES AS DIRECTED BY THE ENGINEER (NO SEPARATE PAY).
7. CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY SILT OR DEBRIS FROM DRAINAGE STRUCTURES AND PIPES (NO SEPARATE PAY).
8. CONTRACTOR SHALL MONITOR EROSION CONTROL DEVICES DURING HEAVY RAINFALL EVENTS TO ENSURE ADJACENT BUILDINGS, HANGARS, OR OTHER STRUCTURES ARE NOT FLOODED DUE TO RUNOFF FLOW RESTRICTION CAUSED BY EROSION CONTROL DEVICES (NO SEPARATE PAY).
9. CONTRACTOR SHALL MAINTAIN A PAVEMENT SWEEPER, WITH POLYPROPYLENE FILAMENT BRISTLES ONLY, ON-SITE FOR THE DURATION OF THE PROJECT (NO SEPARATE PAY).
10. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL PAVED SURFACES IN A CLEAN CONDITION AND SHALL MAKE ADDITIONAL SWEEPS OF PAVED AREAS AS DIRECTED BY THE RPR AND/OR ENGINEER (NO SEPARATE PAY).

11. PLACE TOPSOIL AS SHOWN. FIELD ADJUST AS NECESSARY TO MEET GRADES AND DROP-OFF REQUIREMENT. DO NOT IMPACT LIGHTS.
12. IN ACCORDANCE WITH THE "PROJECT GENERAL NOTES," EXCAVATED OR DEMOLISHED MATERIALS UNSUITABLE FOR INCORPORATION INTO THE FINISHED PROJECT SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR. ALL COSTS ASSOCIATED WITH THESE ACTIVITIES SHALL BE CONSIDERED SUBSIDIARY TO RELATED ITEMS OF EXCAVATION WORK. ASPHALT MILLINGS ARE TO BE STOCKPILED AT THE OFFSITE LOCATION. ASPHALT MILLING DISPOSAL AREA IS SHOWN ON SHEET 12.
13. ALL DISTURBED AREAS SHALL BE SODDED OR SEEDED IN ACCORDANCE WITH TxDOT TECHNICAL SPECIFICATION ITEMS 162 AND 164.
14. VEGETATIVE WATERING SHALL BE APPLIED TO SODDED AREAS BY THE CONTRACTOR AS NEEDED TO SUPPLEMENT NATURAL RAINFALL DURING THE VEGETATION ESTABLISHMENT PERIOD IN ACCORDANCE WITH TxDOT TECHNICAL SPECIFICATION ITEM 168.
15. CONTRACTOR SHALL PROVIDE A SCHEDULE AND COORDINATE WATERING CYCLES AND RATES PER CYCLE WITH THE ENGINEER. OBTAIN APPROVAL IF THE QUANTITY OF WATER TO BE APPLIED IS EXPECTED TO EXCEED PLAN QUANTITY. ADJUST THE AMOUNT OF WATER APPLIED WITH EACH CYCLE AND THE NUMBER OF CYCLES EACH WEEK ACCORDING TO ACTUAL SITE CONDITIONS. DROUGHT OR OTHER CONDITIONS, AS DETERMINED BY THE ENGINEER, MAY REQUIRE THE APPLICATION OF SUPPLEMENTAL VEGETATIVE WATERING DURING HOURS OTHER THAN NORMAL WORKING HOURS.
16. CONTRACTOR SHALL BE REQUIRED TO REPAIR OR REPLACE ANY SODDED AREAS THAT ARE DEFECTIVE OR BECOME DAMAGED BEFORE THE PROJECT IS FINALLY ACCEPTED. WHEN, IN THE JUDGMENT OF THE ENGINEER, SUCH DEFECTS OR DAMAGES ARE THE RESULT OF POOR WORKMANSHIP, OR FAILURE TO MEET THE REQUIREMENTS OF THE SPECIFICATIONS, THE COST OF THE NECESSARY REPAIRS OR REPLACEMENT SHALL BE BORNE BY THE CONTRACTOR.
17. AFTER REMOVING THE CONSTRUCTION EXIT, THE CONTRACTOR SHALL RESTORE NATURAL GROUND TO ORIGINAL OR BETTER CONDITION. ALL COSTS ASSOCIATED WITH THESE ACTIVITIES SHALL BE CONSIDERED SUBSIDIARY TO RELATED ITEMS OF WORK.



DATE	08/08/25
REVISIONS	
NO.	1.
ADDENDUM NO.	1

EROSION CONTROL PLAN
HUNTSVILLE, TEXAS
HUNTSVILLE MUNICIPAL AIRPORT
2025 AIRPORT RUNWAY PAVEMENT IMPROVEMENTS

JOB NO.
4516.010

PROJECT MGR.
JDE

TBPE No. F-8405

STRAND ASSOCIATES

SHEET
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STABILIZED BASE GENERAL NOTES:

- 1. FOLLOWING COLD MILLING OPERATIONS ADD ASPHALT MILLINGS TO EXISTING BASE MATERIALS. ASPHALT MILLING ADDED ARE NOT TO EXCEED 30 PERCENT BY VOLUME OF THE CEMENT STABILIZED BASE LAYER.
- 2. ADD APPROXIMATELY 1 INCH FLEXIBLE BASE UNIFORMLY ACROSS THE BASE LAYER.
- 3. PREPARE EXISTING BASE, ASPHALT MILLINGS, AND FLEXIBLE BASE FOR TREATMENT IN ACCORDANCE WITH TXDOT ITEM 275.
- 4. TAKE CARE TO MAINTAIN A MINIMUM OF 2 INCHES OF THE EXISTING BASE LAYER. IF EXISTING SUGARED LAYER IS PENETRATED, IMMEDIATELY STOP BASE PREPARATION OPERATIONS AND NOTIFY THE ENGINEER.

PAVING GENERAL NOTES:

- 1. CONTRACTOR SHALL MAINTAIN A PAVEMENT SWEEPER, WITH POLYPROPYLENE FILAMENT BRISTLES ONLY, ON-SITE FOR THE DURATION OF THE PROJECT (NO SEPARATE PAY).
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL PAVED SURFACES IN A CLEAN CONDITION AND SHALL MAKE ADDITIONAL SWEEPS OF PAVED AREAS AS DIRECTED BY THE RPR AND/OR ENGINEER (NO SEPARATE PAY).
- 3. CONTRACTOR SHALL PROVIDE A TWELVE (12) FOOT STRAIGHTEDGE FOR USE BY THE RPR DURING THE PROJECT (NO SEPARATE PAY).
- 4. NO SEPARATE PAY SHALL BE MADE FOR ANY SAW CUTTING.
- 5. CONTRACTOR SHALL PROOF ROLL EXISTING AND PROPOSED SUBGRADE & BASE MATERIALS TO DEMONSTRATE THE PAVEMENT SUBSTRUCTURE WILL PROVIDE ADEQUATE AND UNIFORM PAVEMENT SUPPORT. PROOF ROLLING SHALL BE REQUIRED IN ALL FULL DEPTH ASPHALT REPAIR AREAS. PROOF ROLLING SHALL BE CONSIDERED SUBSIDIARY WORK TO RELATED ITEMS OF WORK.
- 6. IMMEDIATELY BEFORE APPLYING THE TACK COAT, THE FULL WIDTH OF THE SURFACE TO BE TACKED SHALL BE SWEEPED WITH A PAVEMENT SWEEPER TO REMOVE LOOSE DIRT AND OTHER OBJECTIONABLE MATERIAL (NO SEPARATE PAY).
- 7. TACK COAT APPLICATION RATE IS FOR ESTIMATING PURPOSES ONLY AND ASSUMED TO BE 0.10 GALLONS PER SQUARE YARD. ACTUAL RATES MAY VARY DEPENDING ON THE SURFACE TEXTURE.
- 8. A PRE-PAVE CONFERENCE SHALL BE HELD PRIOR TO COMMENCEMENT OF ANY ASPHALT OR CONCRETE PAVING OPERATIONS. ATTENDANCE IS MANDATORY FOR CONTRACTORS PROJECT MANAGER, PAVING FOREMAN, AND QC LAB.
- 9. PAVING AT NIGHT IS NOT ALLOWED WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER.
- 10. ALL EXCESS ASPHALT MILLINGS RESULTING FROM COLD MILLING OPERATIONS SHALL BE HAULED TO IDENTIFIED OFF-SITE ASPHALT MILLING STOCKPILE SITE (NO SEPARATE PAY). EXCAVATED OR DEMOLISHED MATERIALS UNSUITABLE FOR INCORPORATION INTO THE FINISHED PROJECT OR STOCKPILED AT OFF-SITE LOCATION SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR (NO SEPARATE PAY).

ASPHALT PAVING NOTES:

- 1. AT THE PRE-PAVE CONFERENCE, CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION ASSURING THE ENGINEER THAT ADEQUATE MATERIALS WILL BE AVAILABLE AT THE JOB SITE TO ENSURE STARTING AND STOPPING OF THE PAVER IS KEPT TO AN ABSOLUTE MINIMUM. SHOULD THE ENGINEER (IN HIS OPINION) DETERMINE THIS REQUIREMENT IS NOT BEING MET, THE ENGINEER MAY STOP INSTALLATION OPERATIONS UNTIL SATISFACTORY ARRANGEMENTS FOR DELIVERY OF SUFFICIENT MATERIAL CAN BE MADE.
- 2. FULL PRODUCTION SHALL NOT BEGIN UNTIL AN ACCEPTABLE CONTROL STRIP HAS BEEN CONSTRUCTED AND ACCEPTED. REFER TO SPECIAL PROVISION FOR ITEM 341.
- 3. SLAG SHALL NOT BE USED AS AN AGGREGATE.
- 4. POLYMER OR LATEX-MODIFIED ASPHALT SHALL NOT BE USED ON THE PROJECT.
- 5. RECYCLED ASPHALT SHINGLES (RAS) SHALL NOT BE USED ON THE PROJECT.
- 6. CONTRACTOR SHALL ONLY PLACE ASPHALT WHEN THE SURFACE TEMPERATURE IS EQUAL TO OR HIGHER THAN LISTED IN TABLE 1, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

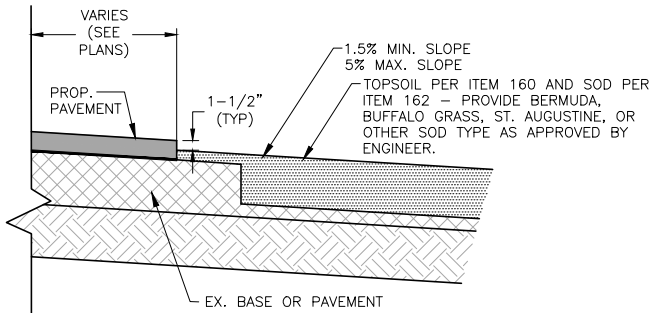
Mat Thickness	Base Temperature (Minimum)	
	°F	°C
3 inches (7.5 cm) or greater	40	4
Greater than 2 inches (50 mm) but less than 3 inches (7.5 cm)	45	7

Table 1 - Surface Temperature Limitations of Underlying Course

MEASURE THE SURFACE TEMPERATURE WITH A HAND-HELD THERMAL CAMERA OR INFRARED THERMOMETER. PLACE MIXTURES ONLY WHEN WEATHER AND MOISTURE CONDITIONS OF THE SURFACE ARE SUITABLE IN THE OPINION OF THE ENGINEER. THE ENGINEER MAY RESTRICT THE CONTRACTOR FROM PAVING IF THE AMBIENT TEMPERATURE IS LIKELY TO DROP BELOW 32°F WITHIN 12 HOURS OF PAVING.

- 7. CONTRACTOR'S ASPHALT TRANSPORT TRUCKS SHALL HAVE A HEAT RESISTANT SOLID COVER, SECURELY FASTENED.

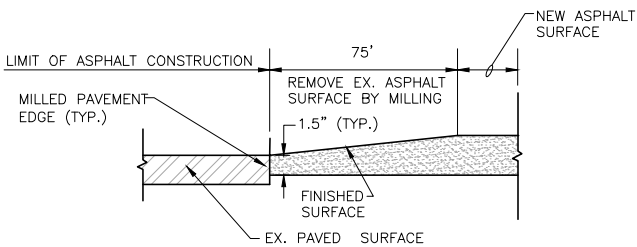
- 8. CONTRACTOR SHALL CLEAN ROLLERS SO THEY ARE FREE OF OIL, AGGREGATE, ASPHALT, SOIL, AND ALL OTHER MATERIALS, WHICH MAY DAMAGE OR MAR THE ASPHALT SURFACE IN ANY WAY. ROLLER BRUSHES, SHOES, AND WATER SUPPLY SHALL BE IN GOOD CONDITION AND COMPLETELY COVER THE ROLLER FROM EDGE TO EDGE.
- 9. PAVED EDGES SHALL DEVIATE BY NO MORE THAN 2 INCHES FROM A STRAIGHT LINE ALONG THE EDGE. STRAIGHT EDGES MAY BE PRODUCED BY THE CONTRACTOR USING EITHER A STRING SET AT THE PAVEMENT EDGE, OR BY SAWCUTTING THE EDGE.
- 10. CONTRACTOR SHALL PROVIDE BITUMINOUS PAVERS THAT ARE SELF-PROPELLED, WITH AN ACTIVATED SCREED, WHICH SHALL BE HEATED AS NECESSARY, AND SHALL BE CAPABLE OF SPREADING AND FINISHING COURSES OF BITUMINOUS PLANT MIX MATERIAL WHILE MEETING THE SPECIFIED THICKNESS, SMOOTHNESS, AND GRADE. PAVER SHALL HAVE SUFFICIENT POWER TO PROPEL ITSELF AND THE HAULING EQUIPMENT WITHOUT ADVERSELY AFFECTING THE FINISHED SURFACE.
- 11. CONTRACTOR SHALL HAVE A TESTING LAB REPRESENTATIVE, WITH A FIELD DENSITY MEASURING GAUGE, IN THE FIELD DURING ASPHALT OPERATIONS TO ASSIST CONTRACTOR IN SETTING HIS ROLLING PATTERN & TO PROVIDE FIELD DENSITIES DURING ASPHALT COMPACTION (NO SEPARATE PAY).
- 12. CONTRACTOR SHALL PROVIDE AN ASPHALT PAVER WITH EXTENSIONS TO ALLOW PAVING SECTIONS OF VARYING WIDTHS.
- 13. CONTRACTOR SHALL OFFSET LONGITUDINAL PAVEMENT JOINTS A MINIMUM OF ONE FOOT FROM EXISTING JOINTS BETWEEN SUBSEQUENT COURSES.
- 14. CONTRACTOR SHALL CLEAN CORING WATER AND RESIDUE FROM THE ASPHALT TO PREVENT STAINING OF THE SURFACE IMMEDIATELY AFTER CORING OF THE SURFACE COURSE HAS BEEN COMPLETED.
- 15. THE FOLLOWING ASPHALT PAVING RECOMMENDATIONS WILL HELP PRODUCE PASSING ASPHALT JOINT DENSITIES & SMOOTH ASPHALT JOINTS ACROSS THE SURFACE:
 - A.) ALL MATS:
 - 1) ELIMINATE JOINT RAKING OR KEEP TO AN ABSOLUTE MINIMUM.
 - 2) CONTROL THE SCREED ELEVATION ACROSS THE ENTIRE MAT.
 - 3) CONTINUOUSLY MONITOR LOOSE MAT THICKNESS TO PRODUCE THE TIGHT REQUIRED THICKNESS.
 - 4) CONTINUOUSLY VERIFY ALL ROLLING PATTERNS WITH YOUR Q.C. SUBCONTRACTOR.
- 18. PRIOR TO THE PRE-PAVING CONFERENCE, CONTRACTOR SHALL DEVELOP CONTRACTOR QUALITY CONTROL PROGRAM AND PAVING LAYDOWN PLAN, FOR DISCUSSION AT THE PRE-PAVING CONFERENCE.



PAVEMENT EDGE DETAIL

NTS

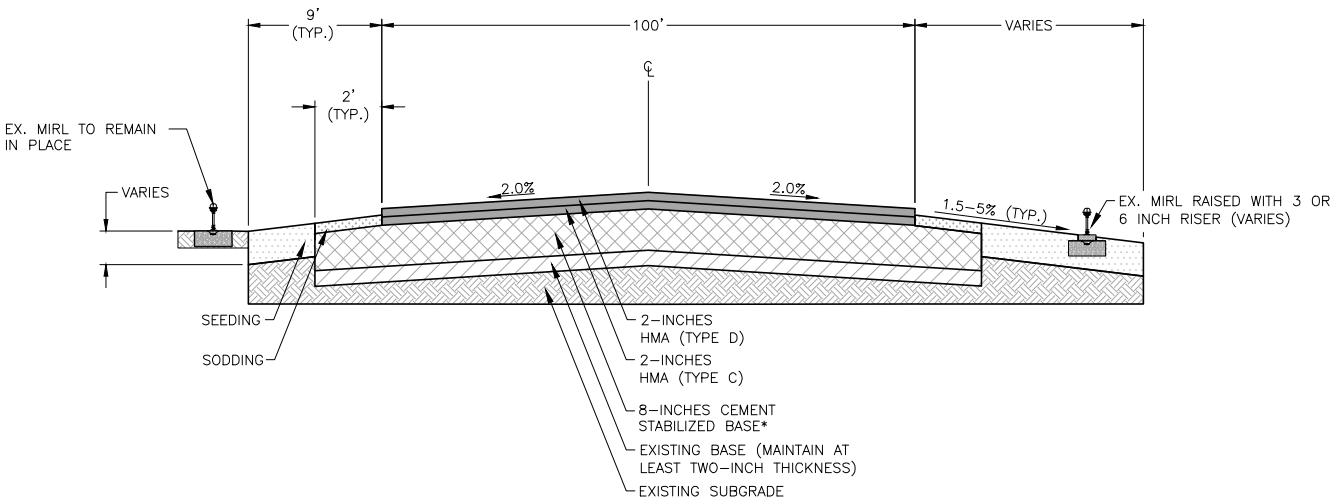
NOTE: FOR USE WHEN PROP. PAVEMENT ABUTS NATURAL GROUND. A QUANTITY OF EDGE SHOULDERING HAS BEEN INCLUDED TO GRADE.



OVERLAY TRANSITION DETAIL

NTS

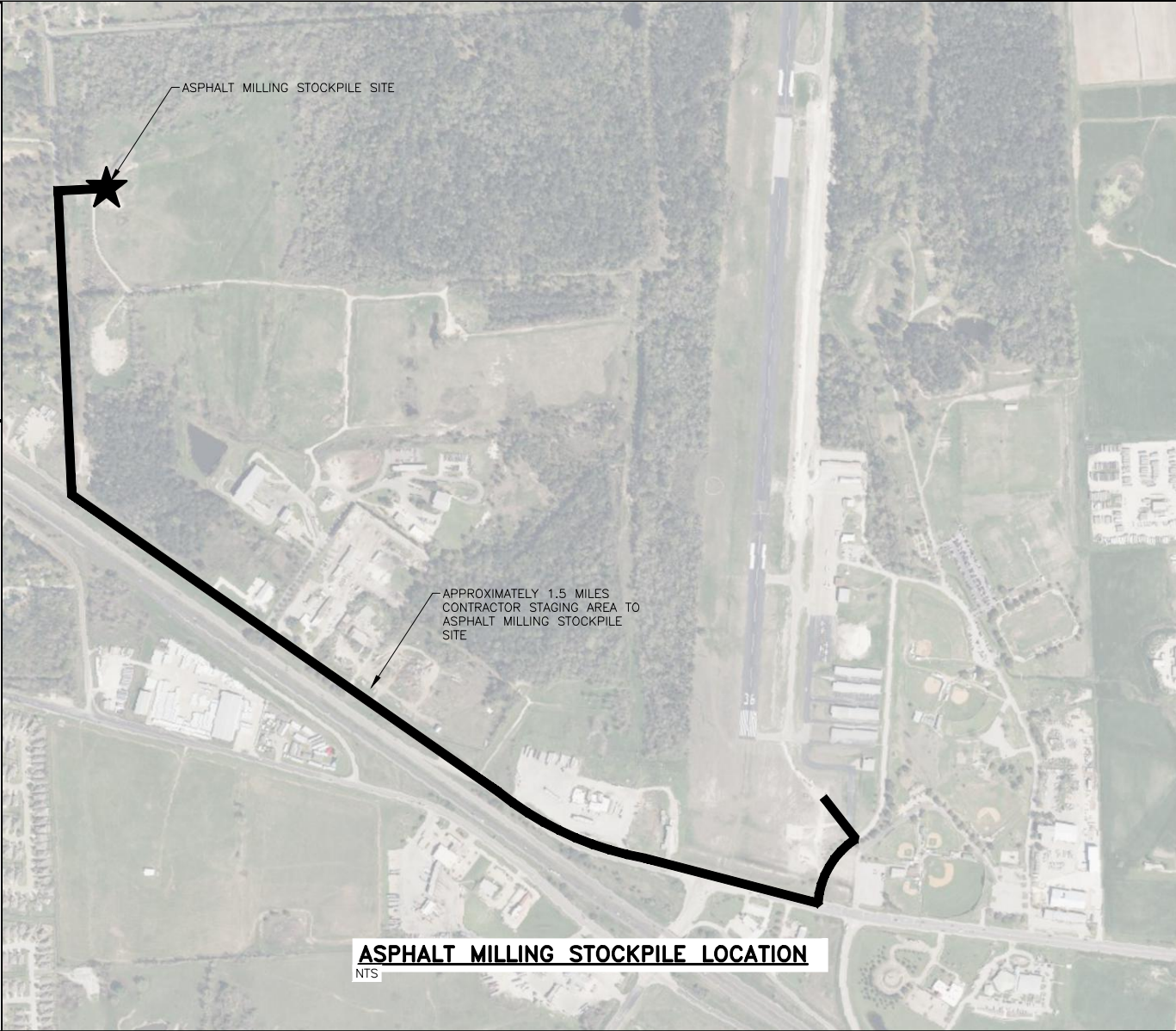
NOTE: TACK COAT TO BE PLACED ON BASE PRIOR TO PLACING ASPHALT OVERLAY IN PAVEMENT REMOVAL AREA. TACK COAT TO BE APPLIED TO VERTICAL PAVEMENT SURFACES.



TYPICAL PAVEMENT SECTION

NTS

*CEMENT STABILIZED BASE PER TXDOT ITEM 275. INCLUDE 1-INCH (TYP.) FLEXIBLE BASE PER TXDOT ITEM 247 (BASE BID). 6-INCH CEMENT STABILIZED BASE WITHOUT FLEXIBLE BASE (DEDUCTIVE BID ALTERNATE 1).



ASPHALT MILLING STOCKPILE LOCATION

NTS



DATE:	08/08/25				
REVISIONS					
NO.	1.				
ADDITION NO. 1					

RECONSTRUCTION DETAILS

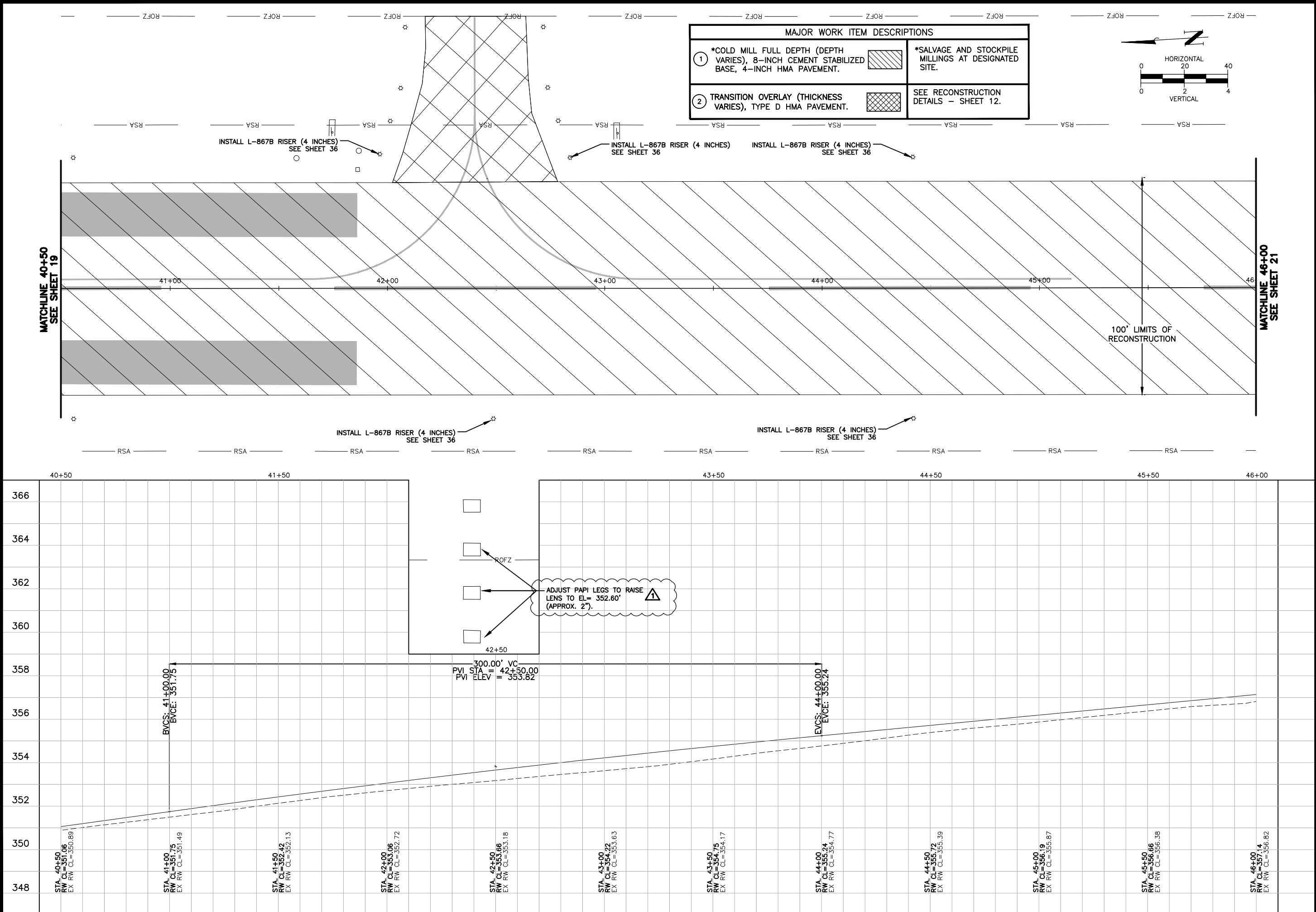
HUNTSVILLE, TEXAS
HUNTSVILLE MUNICIPAL AIRPORT
2025 AIRPORT RUNWAY PAVEMENT IMPROVEMENTS

JOB NO.
4516.010
PROJECT MGR.
JDE
TBPE No. F-8405

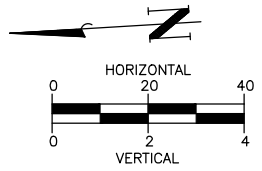


SHEET
12

File: S:\BREV\4500--4599\4516\010 Drawings\CAD Sheets\RW REHABILITATION PLAN - 11.dwg Time: Aug 01, 2025 - 4:12pm



MAJOR WORK ITEM DESCRIPTIONS		
①	*COLD MILL FULL DEPTH (DEPTH VARIES), 8-INCH CEMENT STABILIZED BASE, 4-INCH HMA PAVEMENT.	*SALVAGE AND STOCKPILE MILLINGS AT DESIGNATED SITE.
②	TRANSITION OVERLAY (THICKNESS VARIES), TYPE D HMA PAVEMENT.	SEE RECONSTRUCTION DETAILS - SHEET 12.



STATE OF TEXAS

JARED DAVID ENGELKE

138204

PROFESSIONAL ENGINEER

8.8.2025

DATE: 08/08/25

REVISIONS

NO. 1. ADDENDUM NO. 1

RW RECONSTRUCTION PLAN - VIII

HUNTSVILLE, TEXAS

HUNTSVILLE MUNICIPAL AIRPORT

2025 AIRPORT RUNWAY PAVEMENT IMPROVEMENTS

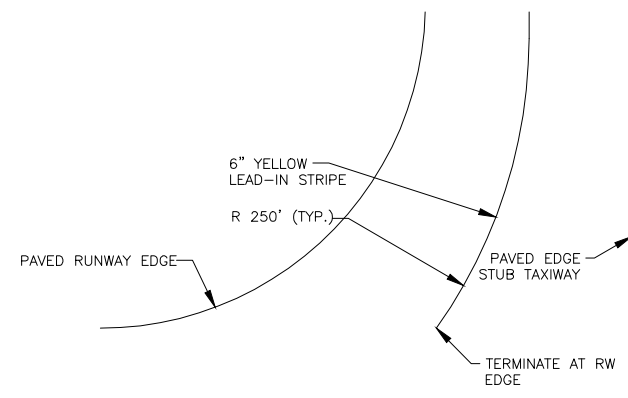
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PROJECT MGR. JDE

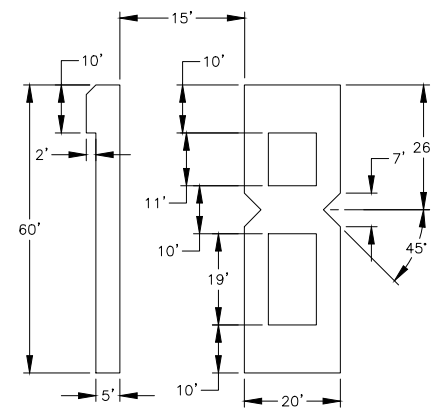
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STRAND ASSOCIATES

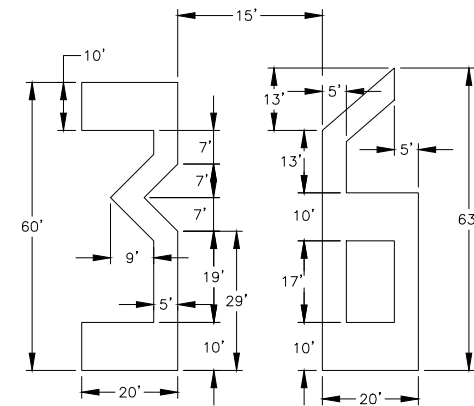
SHEET 20



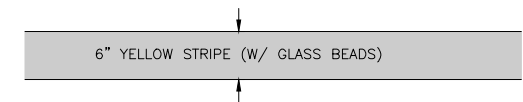
RUNWAY END LEAD-IN STRIPE DETAIL



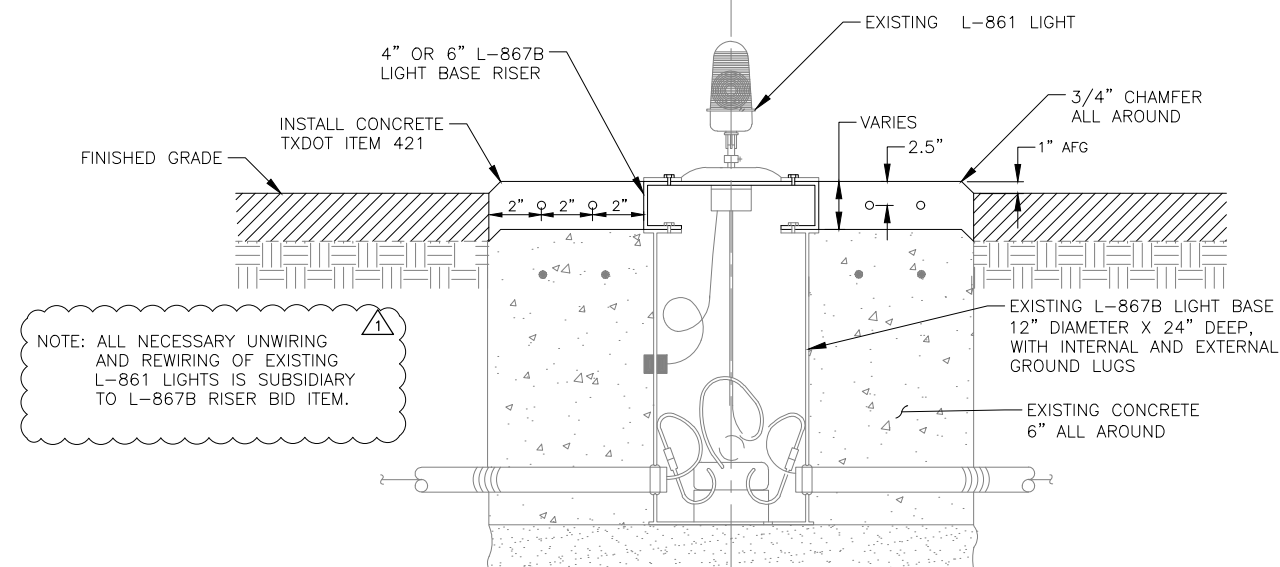
NUMERAL DETAIL (RW 18-36)



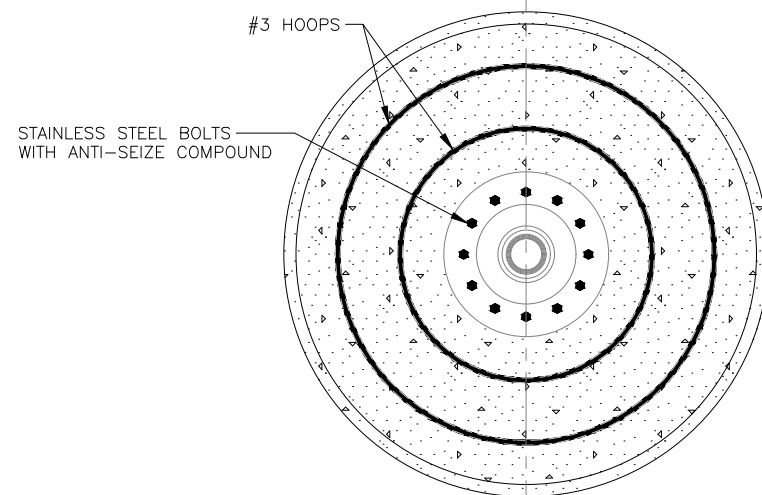
NUMERAL DETAIL (RW 18-36)



ASPHALT PAVEMENT STRIPING
NTS



ELEVATION VIEW



PLAN | VIEW

BASE MOUNTED LIGHT RISER INSTALLATION
NTS



08/08/25

1000

ADDENDUM NO. 1

no.	1.	
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STANDARD DETAILS

HUNTSVILLE, TEXAS

HUNTSVILLE MUNICIPAL AIRPORT

2025 AIRPORT RUNWAY PAVEMENT IMPROVEMENTS

JOB NO.

4516.010

PROJECT MGR.

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TBPE No. F-8405

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SHEET

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