

# JEFFERSON COUNTY DRAINAGE DISTRICT NO.6

## PLANS FOR 8TH STREET ASPHALT REPAIR

PROJECT NO.: IFB21-039  
 PROJECT: 8TH STREET ASPHALT REPAIR  
 LIMITS: ELINOR STREET to DITCH 110  
 PROJECT LOCATION: 8TH STREET  
 COUNTY: JEFFERSON COUNTY  
 DESCRIPTION: FOR THE BASE REPAIR OF ASPHALT CONCRETE PAVEMENT (ACP).

PROJECT BEGAN (ACTUAL WORK BEGAN):	DATE
PROJECT COMPLETED:	DATE
PROJECT CONSTRUCTED & FINAL PLANS:	<input checked="" type="checkbox"/> CONSTRUCTION <input type="checkbox"/> AS-BUILT
FINAL CONSTRUCTION COST:	\$
TCEQ PERMIT No.:	DD6 is MS4 Operator
GRADING PERMIT No.:	NA-Existing Road Foot Print
STREET-CUT & BARRICADE No.:	Filed with The City of Beaumont
DRIVEWAY PERMIT No.:	NA
BUILDING PERMIT No.:	NA
ELECTRICAL PERMIT No.:	Traffic Control Plan Attached
OTHER PERMIT No.:	NA
TDLR PROJECT No.:	NA
TDLR INSPECTION REQUIRED:	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



**BOARD OF DIRECTORS**

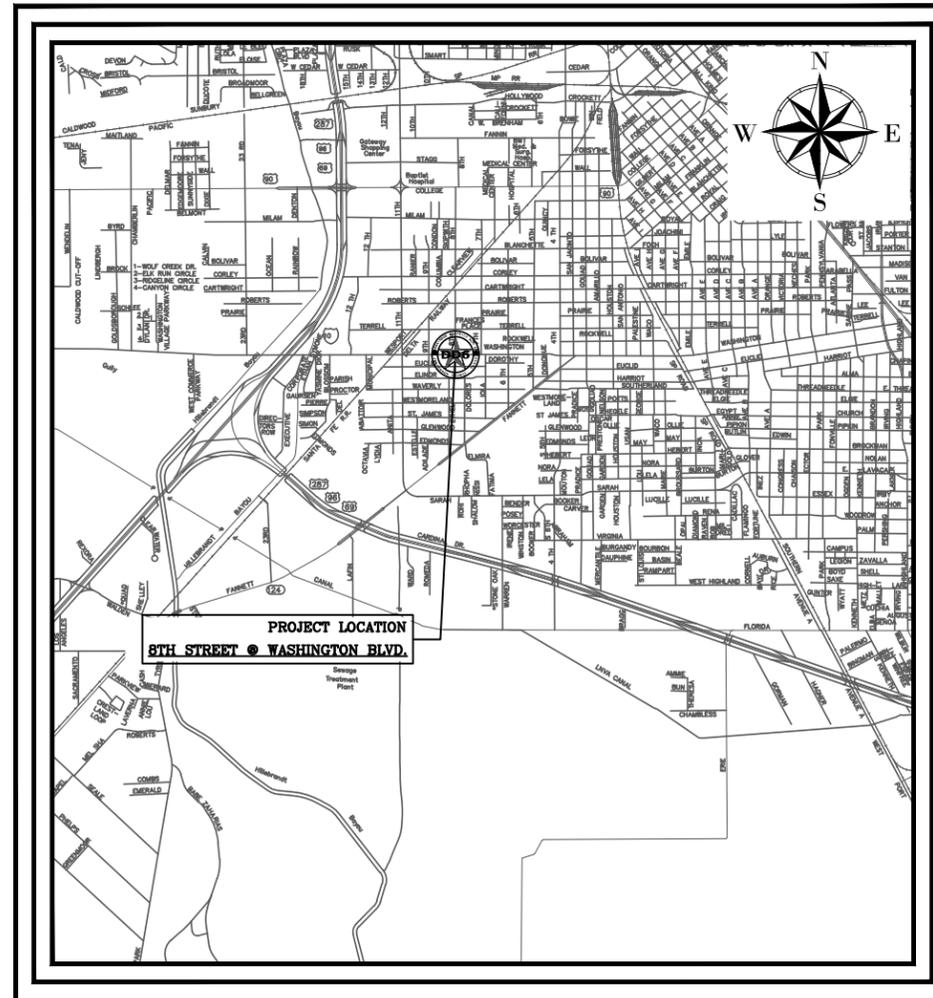
PRESIDENT: JOUSHUA W. ALLEN, SR.  
 VICE PRESIDENT: BERNIE DALEO  
 SECRETARY: CHARLES GUILLORY  
 DIRECTOR: ANTHONY MALLEY, III  
 DIRECTOR: CHARLES KIKER, III

**GENERAL MANAGER**

DR. JOSEPH G. MAJDALANI, P.E., C.F.M.

**DISTRICT ENGINEER**

DOUG CANANT, P.E., R.P.L.S., C.F.M.



**LOCATION MAP**  
SCALE: NTS  
**NOVEMBER 2021**

*Harold E. Crochet, Jr.*

11/04/2021

PREPARED BY:  
HAROLD E. CROCHET, JR.  
PROJECT ENGINEER ASSISTANT

DATE

*Wallace R. Wilson P.E.*

11/04/2021

APPROVED BY:  
WALLACE R. WILSON, P.E. No.84857  
SENIOR ENGINEER

DATE



THE CONTRACTOR SHALL PROVIDE AND ERECT BARRICADES AND CONSTRUCTION SIGNS IN ACCORDANCE WITH BC (1-12)-14 AND THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AT POINTS AS SHOWN ON THE TITLE SHEET AND PLAN SHEETS AND AS DIRECTED BY THE ENGINEER. REQUIRED SIGNS SHALL BE IN ACCORDANCE WITH BC(1)-04 THRU BC(12)-14 AND THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION ON NOVEMBER 1, 2014 AND SPECIFICATION ITEMS LISTED, SHALL GOVERN ON THIS PROJECT. REQUIRED CONTRACT PROVISIONS FOR ALL FEDERAL-AID CONSTRUCTION CONTRACTS (FORM FHWA 1273, MAY, 2012).

INDEX OF SHEETS

GENERAL

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
G01	TITLE SHEET
G02	INDEX OF SHEETS
G03 - 04	GENERAL NOTES & SPECIFICATIONS
G05	ESTIMATE & QUANTITY SUMMARY SHEETS

TRAFFIC CONTROL PLAN

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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An approved Traffic Control Plan (TCP) is on file with the City of Beaumont and is available for review.

However, the Contractor must get an approved TCP from the City of Beaumont if the Contractor wants to use a different TCP.

DRAINAGE DETAILS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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BRIDGES

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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ROADWAY DETAILS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
RDT01 - 02	ROADWAY PLAN SHEET
RDT03	TYPICAL ROAD SECTION-HMAC

RETAINING WALL DETAILS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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UTILITIES

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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TRAFFIC ITEMS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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RAILROAD

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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TxDOT Standards

DETAIL SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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ENVIRONMENTAL ISSUES

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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PROJECT LOCATION			
CITY	COUNTY	STATE	
BEAUMONT	JEFFERSON	TEXAS	
WATERSHED	DITCH NO.	SHEET	
100	110	G2	



8TH STREET ASPHALT REPAIR  
INDEX SHEET  
WALLACE R. WILSON, P.E. No. 84857  
*Wallace R. Wilson P.E.* 11/04/2021  
DATE



NO.	DATE/DRN	REVISION	APPROV.
6			
5			
4			
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2			
1			



Specifications

Item 5: Control of Work

- Station the project prior to commencing work. Mark the stations every 100 feet. Maintain stationing throughout the duration of the project. Remove the station markings at the completion of the project. Consider this work to be subsidiary to the various bid items of the contract.

Item 7: Legal Relations and Responsibilities

- Furnish all materials, labor and incidentals required to provide for traffic across the street and for temporary ingress and egress to private property. Consider this work to be subsidiary to the various bid items of the contract.

Item 8: Prosecution and Progress

- Compute and charge calendar days in accordance with Article 8.3.1.4, "Standard Workweek" & Article 8.3.1.6, "Other". Monday through Friday with the option of working Saturdays when the Engineer is provided sufficient advance notice.
- Gather information and direct attention to the aspects of adjoining projects that may be in the progress during the construction of a portion of this project. Plan and prosecute the sequence of construction and the traffic control plan with adjacent construction projects so as not to interfere with, or hinder the completion of the work in progress on the adjoining projects. Coordinate projects to ensure an uninterrupted flow of traffic.

Item 9: Measurement and Payment

- The Contractor shall submit all tickets, As-Built drawings and updated schedule with each pay request. As-Built for pay request will be the Plan sheet with qty's on each plan sheet.
- DD6 will withhold a 5% retainage from each pay request.

Item 310: Prime Coat and Blotter

- Prime coat can be AE-P or MC-30.
- Prime coat will be placed at a rate of 0.2 gallons per square yard.

Item 340: Dense-Graded Hot Mix Asphalt (SQ)

- Binder grade will be PG64-22.
- Contractor to Provide Approved Design.
- All testing is waved except Asphalt Content and Gradation.
- Testing shall be one one truck per day or every 50 C.Y.
- Testing will be paid for by the contractor and records given to DD6.

Item 351: Flexible Pavement Structure Repair

- Contractor shall saw cut full depth of existing A.C.P. before removing material.
- Contractor shall remove existing A.C.P plus 8-inches of existing base material.
- Contractor shall plate compact existing base or subgrade and prep for installation of 8-inches of A.S.B.
- Contractor shall stop 1.5-inches shy of existing grades to install 1.5-inches of HMAc.
- Excavated base material from base repairs shall be used for shouldering up 1-ft beyond pavement edge. This item will not be paid for separately and payment should be considered subsidiary to Item 351.

Item 500: Mobilization

- Mobilization shall not exceed ten (10) percent of the total construction items amount.

Item 502: Barricades, Signs, and Traffic Handling

- Submit changes to the traffic control plan to the City of Beaumont.
- Furnish and maintain the barricades and warning signs, including the necessary temporary and portable traffic control devices, during the various phases of construction. Place and construct these barricades and warning signs in accordance with the latest "Texas Manual on Uniform Traffic Control Devices for Streets and Highways" for typical construction layouts.
- Furnish additional barricades and signs to maintain traffic and motorists' safety when directed by the Engineer. Consider payment for these additional signs and barricades subsidiary to Item 502.
- Cover work zone signs when work related to the signs is not in progress, or when any hazard related to the signs no longer exists.
- Keep the delineation devices, signs, and pavement markings clean. This work is subsidiary to the Item, "Barricades, Signs, and Traffic Handling".
- Do not mount signs on drums or barricades, except those listed in the latest Barricades and Construction standard sheets.
- Use traffic cones for daytime work only. Replace the cones with plastic drums during nighttime hours.
- Place positive barriers to protect drop-off conditions greater than 2 ft. within the clear zone that remain overnight. The traffic control plan (TCP) shall conform to the BC (1)-(12) standards and part VI of the Current Texas Manual Of Uniform Traffic Control Devices.
- Remove all traffic control devices from the roadway, off of the right of way, when they are not in use. Devices scheduled to be used within 3 days may be placed along the shoulder of the roadway or right of way when not in use, or stored in other approved areas on the project. Cover any construction signs that are not in effect that are installed in a fashion that will not allow them to be removed from the right of way easily. Construct all work zone signs, sign supports, and barricades from material other than wood unless approved by the engineer.
- Plan the sequence of work so as to minimize inconvenience to the traveling public. Any changes to the traffic control plan shown in the plans must be approved in writing by the City of Beaumont. Submit the revised plan for approval to the City of Beaumont.
- The Contractor shall submit an excel spreadsheet of streets and closure dates. Contact Antoinette Hardy, 72 hours in advance notice, with detours.
- It is the responsibility of the Contractor to notify commercial businesses and residential citizens of work to be performed 48 hours in advance.
- The approval by the engineer of the method and procedure the contractor plans to use to handle or detour traffic will not relieve the contractor of his responsibility for the protection of the traveling public.
- Use drums or vertical panels instead of cones as traffic control devices.
- Provide flaggers at each side-road intersection and ensure they have communication with the flaggers controlling the movement of traffic on the highway.

**End of Specifications**

		PROJECT LOCATION	
		CITY	COUNTY
8TH STREET ASPHALT REPAIR GENERAL NOTES & SPECIFICATIONS WALLACE R. WILSON, P.E., No. 84857 <i>Wallace R. Wilson P.E.</i> 01/12/2022		STATE	TEXAS
		WATERSHED	DITCH NO.
		SHEET	G4
		100	110
NO.	DATE/DRN	REVISION	APPROV.
6			
5			
4			
3			
2			
1			

Estimate					
Item		Description	Unit	Total	
Item No.	Description Code			Estimated Quantity	Final Quantity
340	001	Dense Graded Hotmix Asphalt (1.5-Inch TY D/PG64-22)	SY	243	
351	001	Flexable Pavement Structure Repair (8-Inch A.S.B.)	SY	284	
500	001	Mobilization (Not to Exceed 10%)	LS	1	
502	001	Barricades, Signs and Traffic Handling	MO	1	

6  
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NO. DATE DRN

REVISION

APPROV.



8TH STREET ASPHALT REPAIR  
ESTIMATE & QUANTITIES SHEET

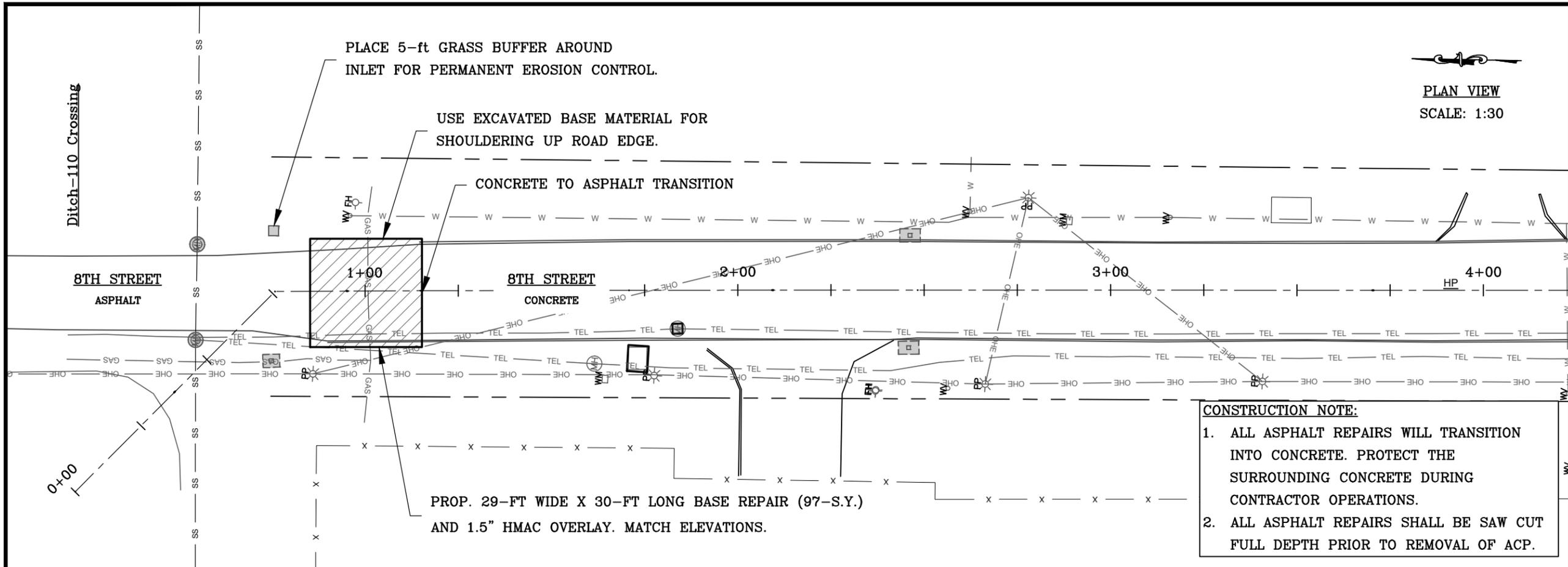
WALLACE R. WILSON, P.E. No. 84857

*Wallace R. Wilson P.E.* DATE 11/04/2021



PROJECT LOCATION

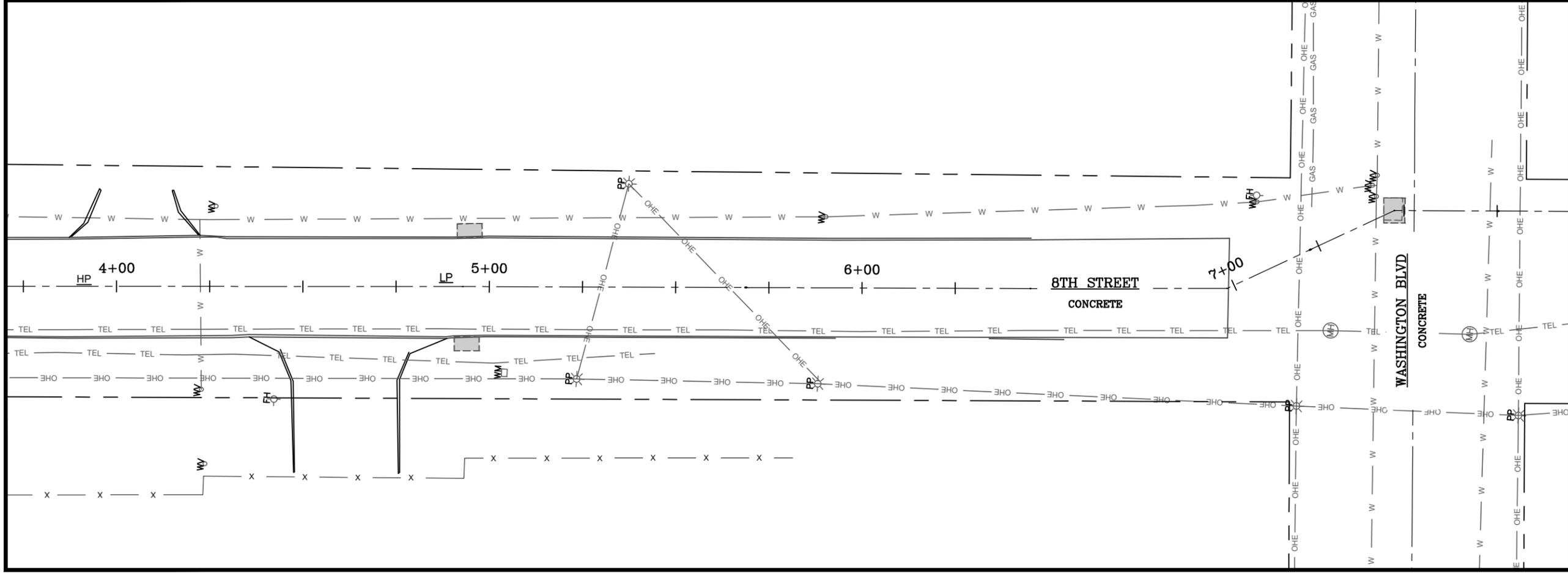
CITY	COUNTY	STATE
BEAUMONT	JEFFERSON	TEXAS
WATERSHED	DITCH NO.	SHEET
100	110	G5



PLAN VIEW  
SCALE: 1:30

**CONSTRUCTION NOTE:**

1. ALL ASPHALT REPAIRS WILL TRANSITION INTO CONCRETE. PROTECT THE SURROUNDING CONCRETE DURING CONTRACTOR OPERATIONS.
2. ALL ASPHALT REPAIRS SHALL BE SAW CUT FULL DEPTH PRIOR TO REMOVAL OF ACP.



PROJECT LOCATION			
CITY	COUNTY	STATE	
BEAUMONT	JEFFERSON	TEXAS	
WATERSHED	DITCH NO.	SHEET	
100	110		RDT01



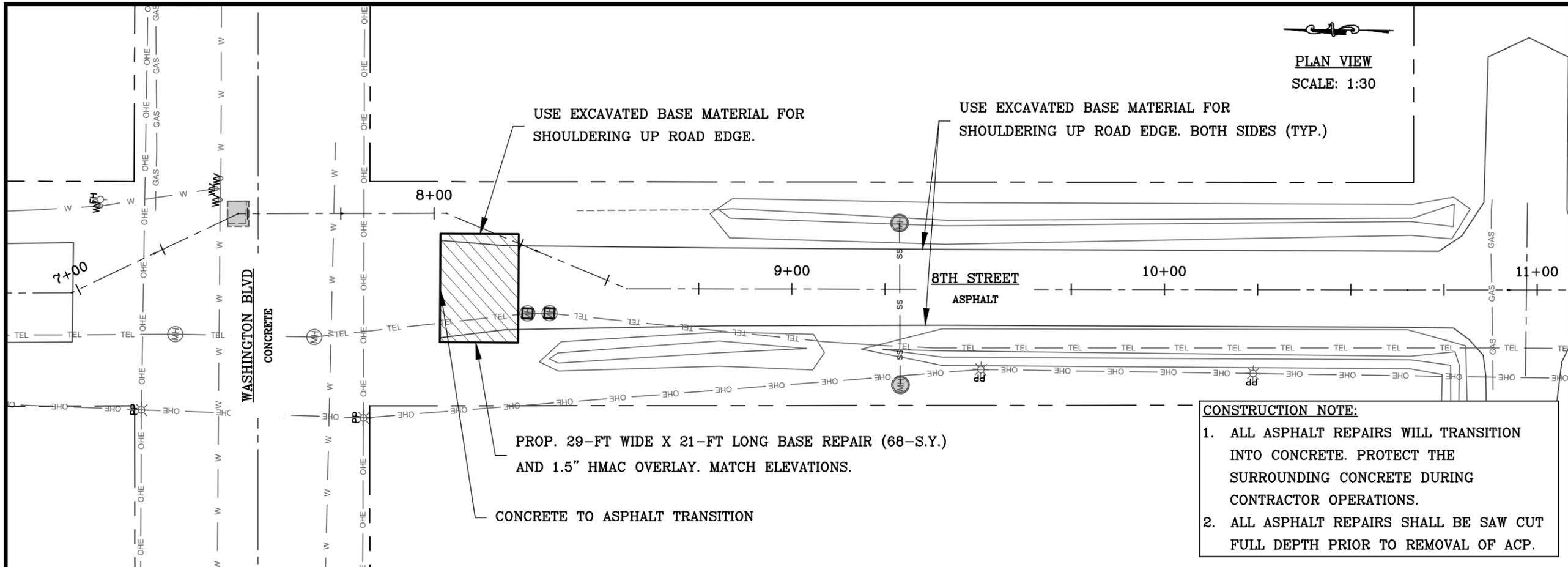
8TH STREET ASPHALT REPAIR  
REPAIR LOCATIONS

WALLACE R. WILSON, P.E. No. 84857

*Wallace R. Wilson P.E.* 11/04/2021

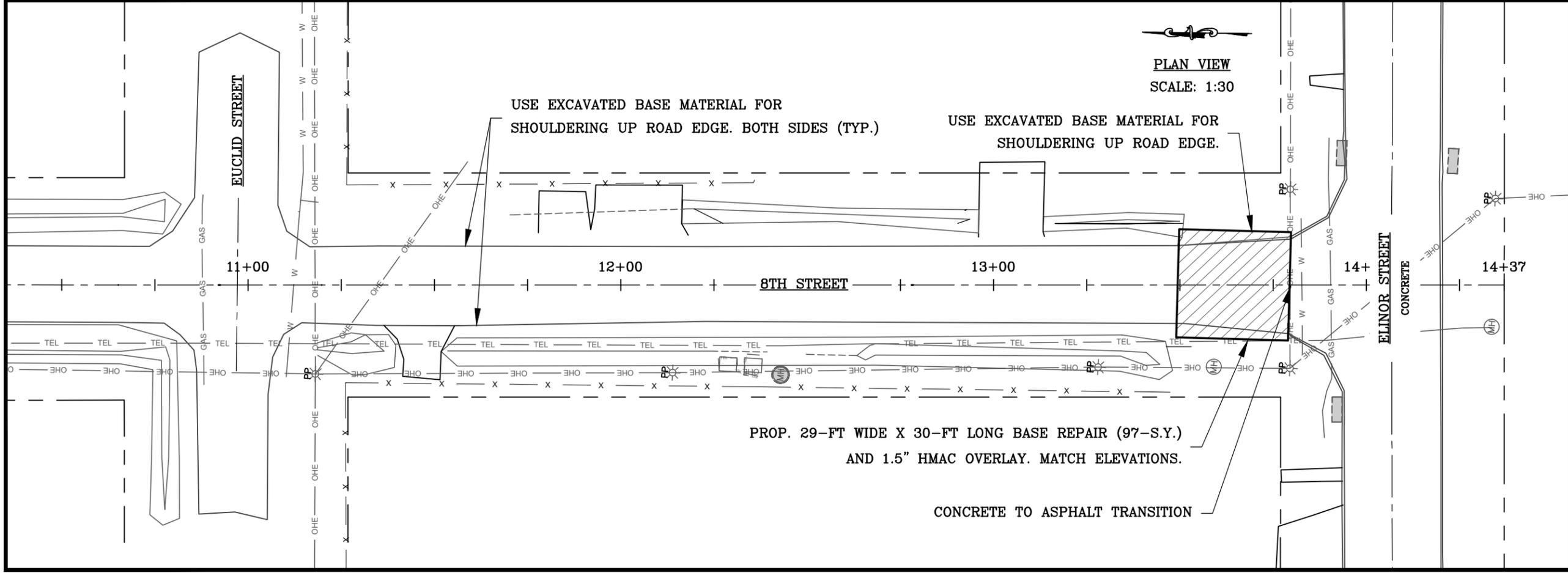


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**CONSTRUCTION NOTE:**

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2. ALL ASPHALT REPAIRS SHALL BE SAW CUT FULL DEPTH PRIOR TO REMOVAL OF ACP.



PROJECT LOCATION			
CITY	COUNTY	STATE	
BEAUMONT	JEFFERSON	TEXAS	
WATERSHED	DITCH NO.	SHEET	
100	110		RDT02



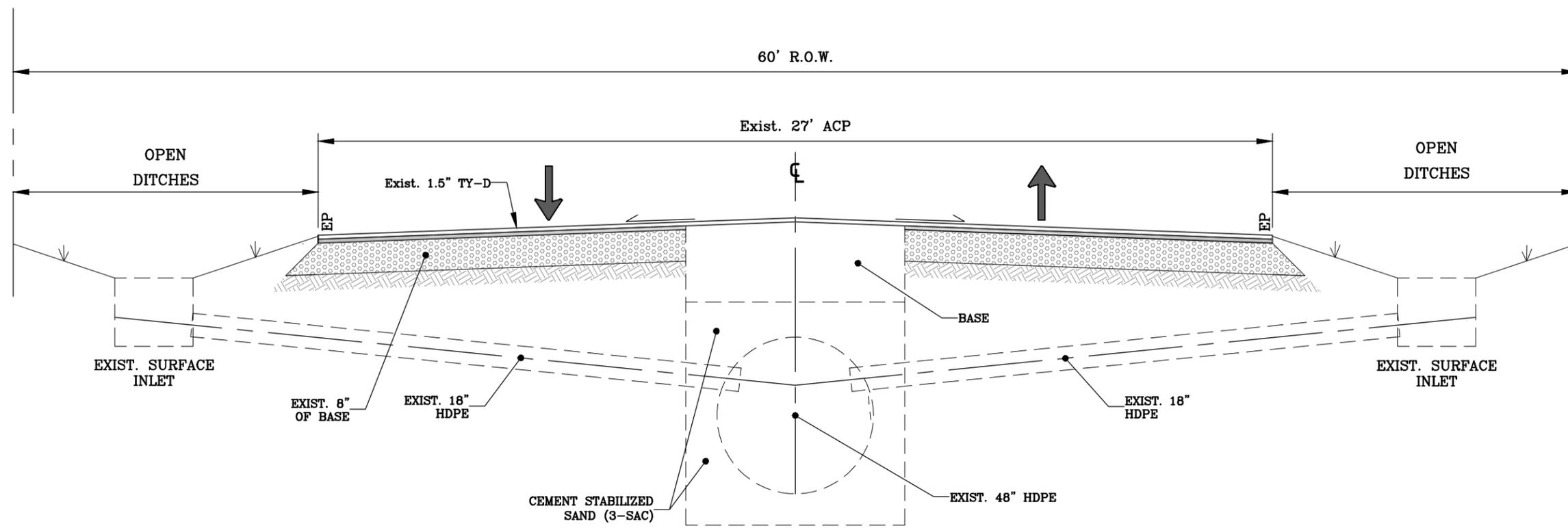
8TH STREET ASPHALT REPAIR  
REPAIR LOCATIONS

WALLACE R. WILSON, P.E. No. 84857

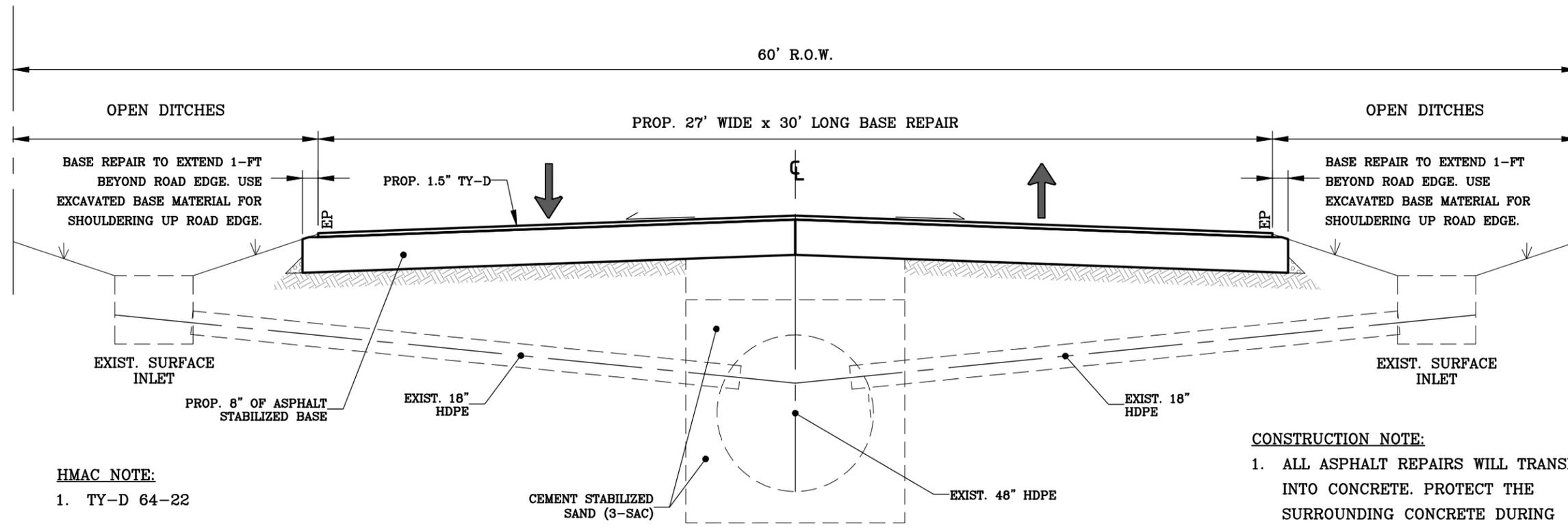
*Wallace R. Wilson P.E.* DATE 11/04/2021



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**EXIST. TYPICAL SECTION-ACP**  
ROAD CLASSIFICATION-LOCAL  
1:8



**HMAC NOTE:**  
1. TY-D 64-22

**PROP. TYPICAL SECTION-HMAC**  
ROAD CLASSIFICATION-LOCAL  
1:8

**CONSTRUCTION NOTE:**

1. ALL ASPHALT REPAIRS WILL TRANSITION INTO CONCRETE. PROTECT THE SURROUNDING CONCRETE DURING CONTRACTOR OPERATIONS.
2. ALL ASPHALT REPAIRS SHALL BE SAW CUT FULL DEPTH PRIOR TO REMOVAL OF ACP.

PROJECT LOCATION		STATE	TEXAS	RDT03
COUNTY	JEFFERSON	DITCH NO.	110	
CITY	BEAUMONT	WATERSHED	100	



8TH STREET ASPHALT REPAIR  
TYPICAL SECTION - HMAC

WALLACE R. WILSON, P.E. No. 84857  
*Wallace R. Wilson P.E.* DATE 11/04/2021



NO.	DATE/DRN	REVISION	APPROV.
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