



PERMIT APPLICATION REVIEW FORM FOR CABLE, CONDUIT, AND POLE LINE ACTIVITY IN FORT BEND COUNTY

Fort Bend County
Engineering Department
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytexas.gov

- ☐ Right of Way Permit
- ☐ Commercial Driveway Permit

Permit No: 2025-79383

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Job Location Site: 17312 Brumbelow Rd., Needville, TX 77461

Bond No.	Date of Bond:	Amount:	\$5,000.00
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The above applicant came to make use of certain Fort Bend County property subject to, "The Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Chapter 181, Vernon's Texas Statutes and Codes Annotated.

Notes:

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required, via email, for certain construction activities in County right-of-way. Contact permits@fbctx.gov for a copy of the notification procedure applicable to your project.
3. This permit expires one (1) year from date of permit if construction has not commenced.
4. This permit applies to work performed within right-of-ways owned and maintained by Fort Bend County only, and it is the responsibility of the applicant to acquire all other necessary permits and permissions.

On this 26th day of August, 2025, Upon Motion of Commissioner _____, seconded by Commissioner _____, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Signature

Presented to Commissioners Court and approved.

By: Sean Egan
County Engineer

Date Recorded _____ Comm. Court No. _____

N/A

Clerk of Commissioners Court

By: _____
Drainage District Engineer/Manager

By: _____
Deputy



REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT

Fort Bend County
Engineering Department
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytexas.gov

☐ Right of Way Permit

☐ Commercial Driveway Permit

Permit No: 2025-79383

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

(1) COMPLETE APPLICATION FORM:

- ☒ a. Name of road, street, and/or drainage ditch affected.
- ☒ b. Vicinity map showing course of directions
- ☒ c. Plans and specifications

(2) BOND:

☐ County Attorney, approval when applicable.

☐ Perpetual bond currently posted.

Bond No: Amount:

☐ Performance bond submitted.

Bond No: Amount:

☒ Cashier's Check

Check No: Amount: \$5,000.00

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

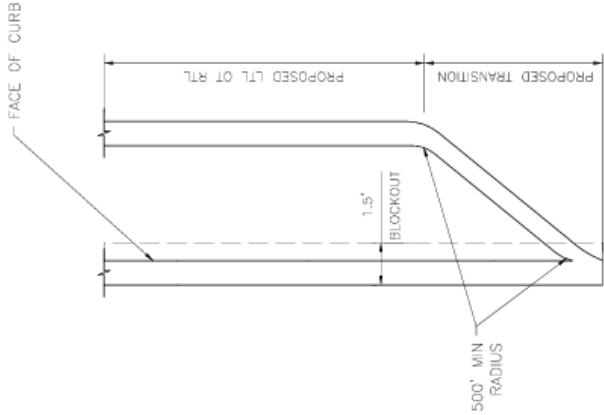
Date

We have reviewed this project and agree it meets minimum requirements.

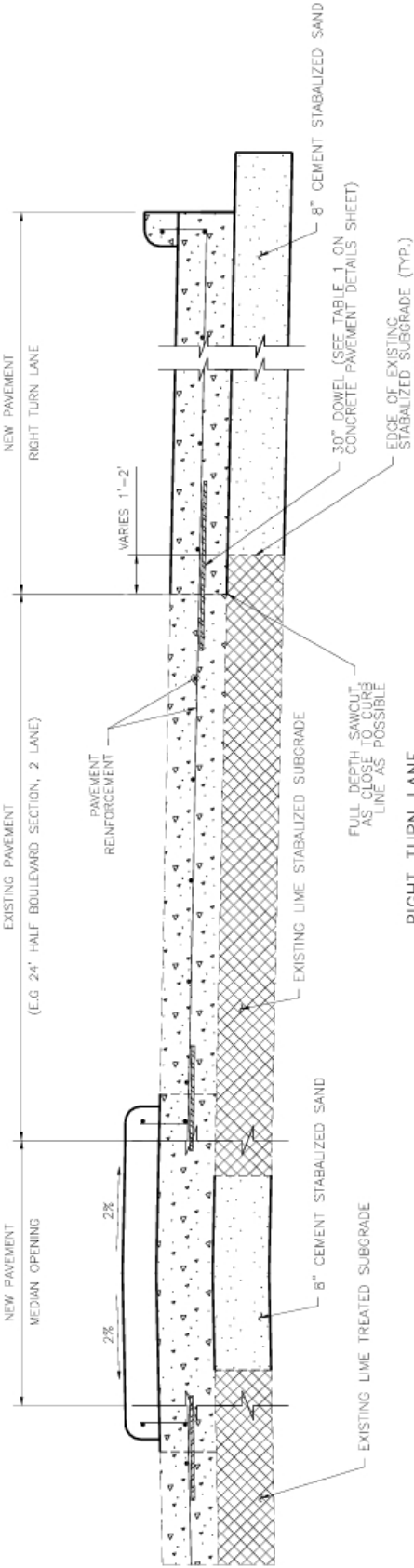
Permit Administrator

8/4/2025

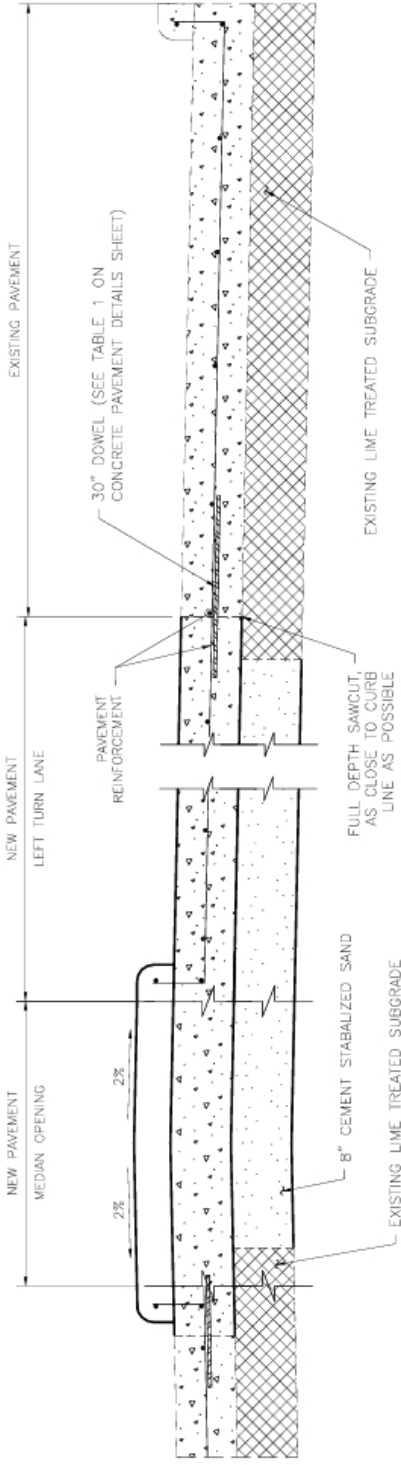
Date



TURN LANE PLAN VIEW



RIGHT TURN LANE
& MEDIAN OPENING

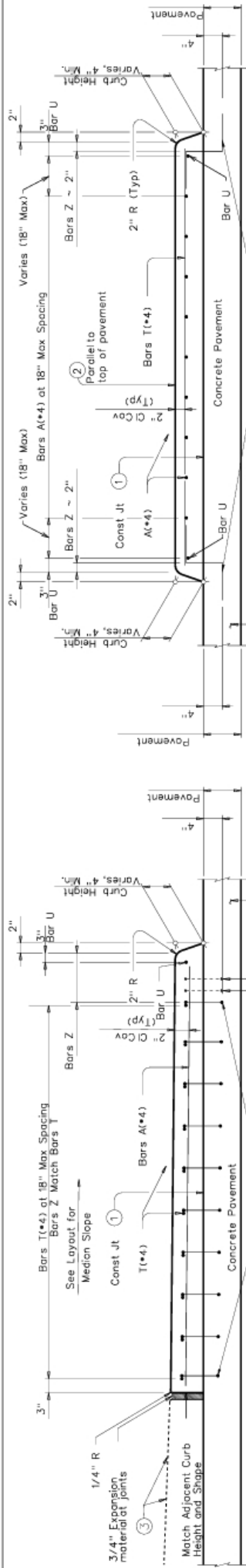


LEFT TURN LANE
& MEDIAN OPENING

NOTES

- 1. FOR CONCRETE PAVEMENT REINFORCEMENT AND JOINT DETAILS, SEE CONCRETE PAVEMENT DETAILS SHEET
- 2. ALL TURN LANE AND MEDIAN OPENINGS SHALL HAVE THE SAME SURFACE AS THE EXISTING STREET.

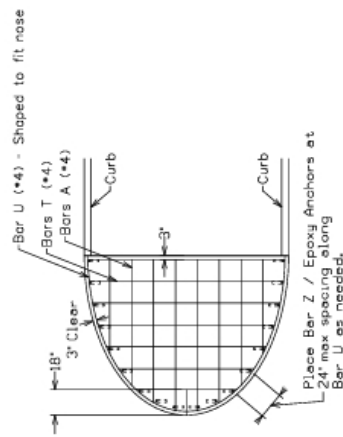
NO.	REVISIONS	DATE	NAME	PROJECT TITLE:			PRICED STANDARD	
							08	SHEET NO. /
A	ORIGINAL STANDARD ISSUED	3-1-22	RJS	 FORT BEND COUNTY ENGINEERING DEPARTMENT			SHEET DESCRIPTION: TURN LANE &	
A	ADDED NOTE 2	10-1-24	RJS				MEDIAN OPENING DETAIL	
A							APPROVED BY:	
A							DATE: 10-1-24	



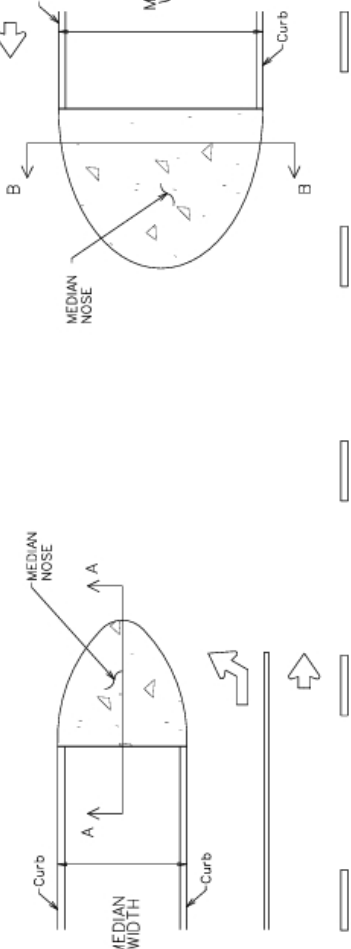
SECTION A-A

- 1) Provide broom finish to top of pavement where raised median area is defined.
- 2) Unless noted otherwise on the pavement details.
- 3) Unless otherwise directed, place concrete riprap over pavement or base. If not over pavement or base, place sod or seed.

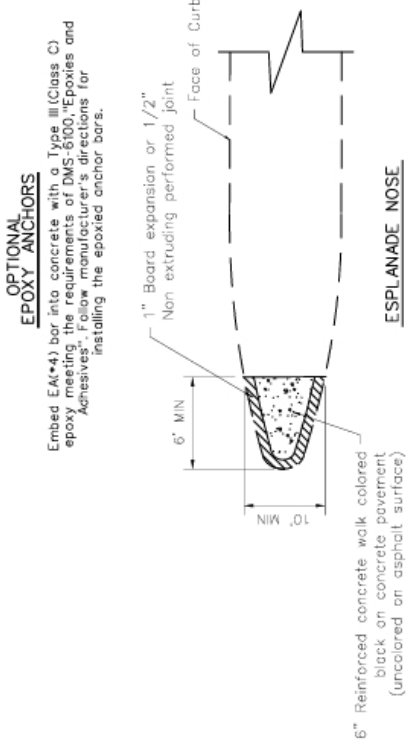
SECTION B-B



REINFORCING



PLAN



ESPLANADE NOSE

GENERAL NOTES:

- 1. Medians with widths less than 6' back to back, and the first 6' from median nose, shall be paved colored black.
- 2. For medians with bullet nose configuration, point curb with yellow reflectorized paint around the esplanade nose to the PT of the 90' radius. For medians with rectangular nose configurations, paint curb from PC to PT and 30' back of PC/PT.
- 3. Median noses shall be governed by HC item 528 "Colored Concrete for Median Noses".

MATERIAL NOTES:

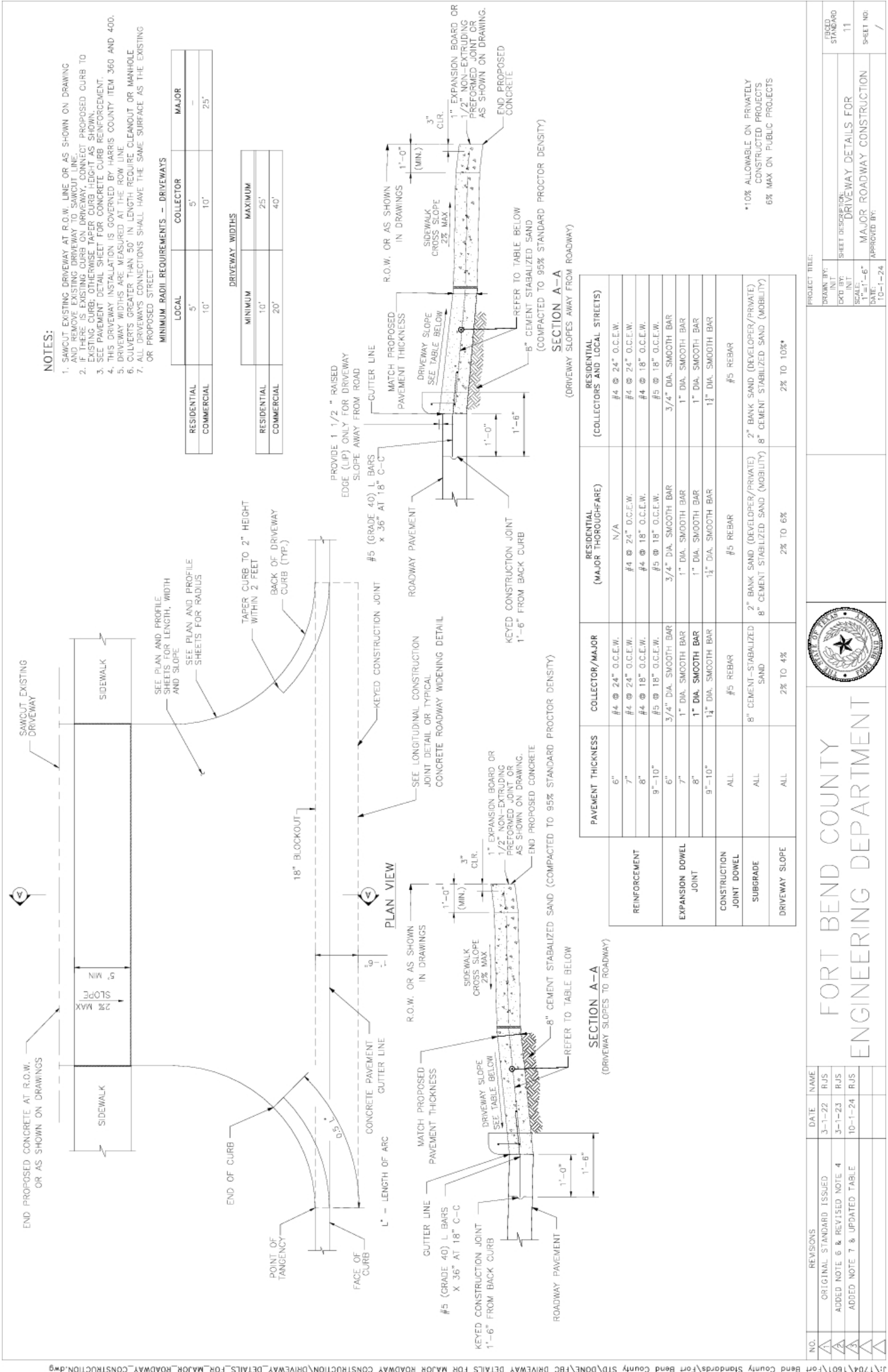
Provide Grade 60 reinforcement welded wire reinforcement (WWR) meeting ASTM A497 of equivalent size and spacing may be substituted for Bars A and Bars T.

Epoxy coat reinforcement if pavement reinforcement is required to be epoxy coated.

DESIGNER NOTES:

Provide Median Slope in Design Layouts.

								PROJECT TITLE:	
NO.	REVISIONS	DATE	NAME	FORT BEND COUNTY ENGINEERING DEPARTMENT				DRAWN BY:	
1	ORIGINAL STANDARD ISSUED	10-1-24	RJS					DATE: 10-1-24	
2								APPROVED BY:	
3									
4									
						SHEET NO.		/	
						PROJCD		STANDARD	
						09			
						SHEET NO.			
						DATE:		10-1-24	
						APPROVED BY:			
						SHEET NO.		/	



NOTES:

- 1. SAWCUT EXISTING DRIVEWAY AT R.O.W. LINE OR AS SHOWN ON DRAWING AND REMOVE EXISTING DRIVEWAY TO SAWCUT LINE.
- 2. IF THERE IS EXISTING CURB ON DRIVEWAY, CONNECT PROPOSED CURB TO EXISTING CURB. OTHERWISE TAPER CURB HEIGHT AS SHOWN.
- 3. SEE PAVEMENT DETAIL SHEET FOR CONCRETE CURB REINFORCEMENT.
- 4. THIS DRIVEWAY INSTALLATION IS GOVERNED BY HARRIS COUNTY ITEM 360 AND 400.
- 5. DRIVEWAY WIDTHS ARE MEASURED AT THE ROW LINE
- 6. CULVERTS GREATER THAN 50' IN LENGTH REQUIRE CLEANOUT OR MANHOLE
- 7. ALL DRIVEWAYS CONNECTIONS SHALL HAVE THE SAME SURFACE AS THE EXISTING OR PROPOSED STREET

MINIMUM RADII REQUIREMENTS - DRIVEWAYS

	LOCAL	COLLECTOR	MAJOR
RESIDENTIAL	10'	5'	-
COMMERCIAL	10'	10'	25'

DRIVEWAY WIDTHS

	MINIMUM	MAXIMUM
RESIDENTIAL	10'	25'
COMMERCIAL	20'	40'

SECTION A-A
(DRIVEWAY SLOPES TO ROADWAY)

	PAVEMENT THICKNESS	COLLECTOR/MAJOR	RESIDENTIAL (MAJOR THOROUGHFARE)	RESIDENTIAL (COLLECTORS AND LOCAL STREETS)
REINFORCEMENT	6"	#4 @ 24" O.C.E.W.	N/A	#4 @ 24" O.C.E.W.
	7"	#4 @ 24" O.C.E.W.	#4 @ 24" O.C.E.W.	#4 @ 24" O.C.E.W.
	8"	#4 @ 18" O.C.E.W.	#4 @ 18" O.C.E.W.	#4 @ 18" O.C.E.W.
	9"-10"	#5 @ 18" O.C.E.W.	#5 @ 18" O.C.E.W.	#5 @ 18" O.C.E.W.
EXPANSION DOWEL JOINT	6"	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR
	7"	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR
	8"	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR
	9"-10"	1 1/4" DIA. SMOOTH BAR	1 1/4" DIA. SMOOTH BAR	1 1/4" DIA. SMOOTH BAR
CONSTRUCTION JOINT DOWEL	ALL	#5 REBAR	#5 REBAR	#5 REBAR
SUBGRADE	ALL	8" CEMENT-STABILIZED SAND	2" BANK SAND (DEVELOPER/PRIVATE) 8" CEMENT STABILIZED SAND (MOBILITY)	2" BANK SAND (DEVELOPER/PRIVATE) 8" CEMENT STABILIZED SAND (MOBILITY)
DRIVEWAY SLOPE	ALL	2% TO 4%	2% TO 6%	2% TO 10%*

*10% ALLOWABLE ON PRIVATELY
CONSTRUCTED PROJECTS
6% MAX ON PUBLIC PROJECTS

NO.

REVISIONS

DATE

NAME

1

ORIGINAL STANDARD ISSUED

3-1-22

RJS

2

ADDED NOTE 6 & REVISED NOTE 4

3-1-23

RJS

3

ADDED NOTE 7 & UPDATED TABLE

10-1-24

RJS

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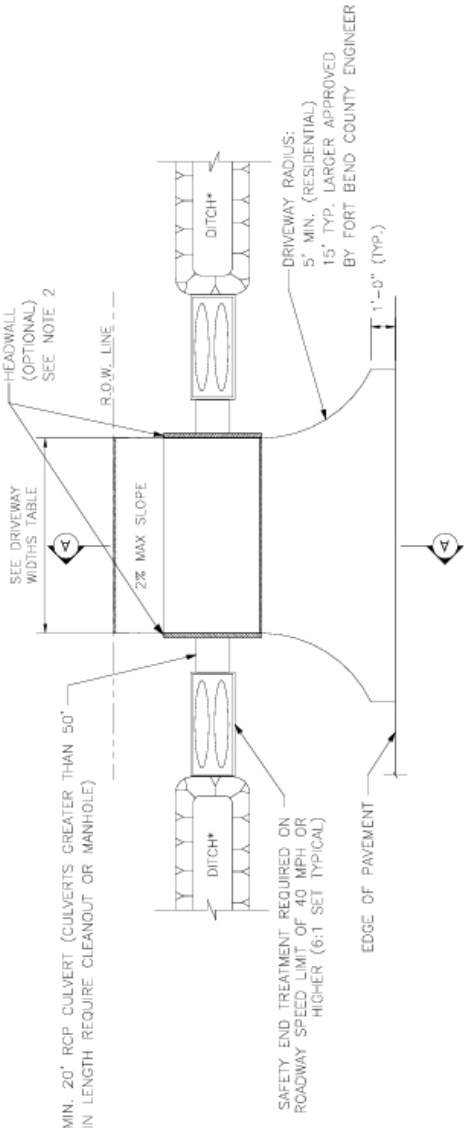
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OPEN DITCH DRIVEWAY

*DITCH IS TO HAVE 4:1 SLOPE

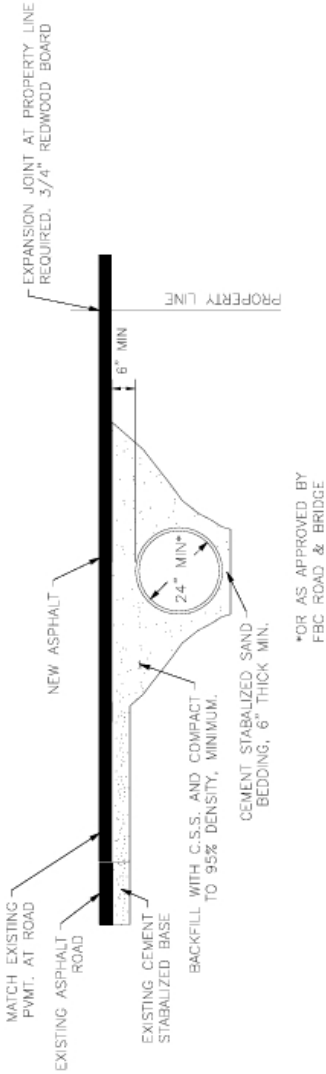
MINIMUM RADI REQUIREMENTS - DRIVEWAYS

	LOCAL		COLLECTOR	MAJOR	
	RESIDENTIAL	COMMERCIAL		RESIDENTIAL	COMMERCIAL
	5'	10'	5'	10'	25'

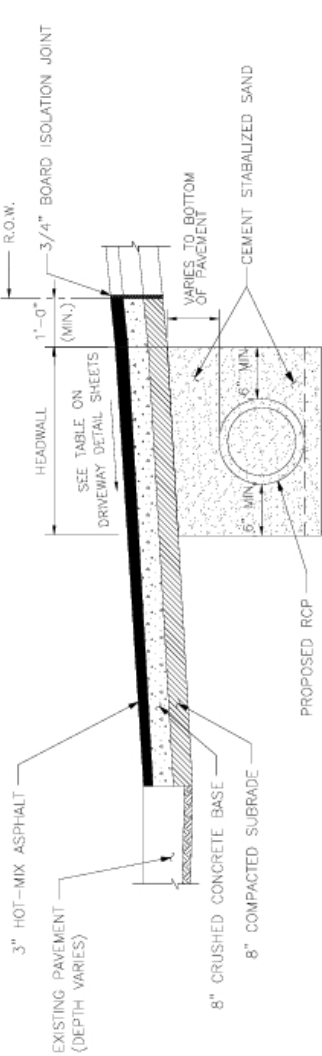
DRIVEWAY WIDTHS*

	MINIMUM		MAXIMUM	
	RESIDENTIAL	COMMERCIAL	RESIDENTIAL	COMMERCIAL
	10'	20'	25'	40'

*DRIVEWAY WIDTHS ARE MEASURED AT THE ROW LINE



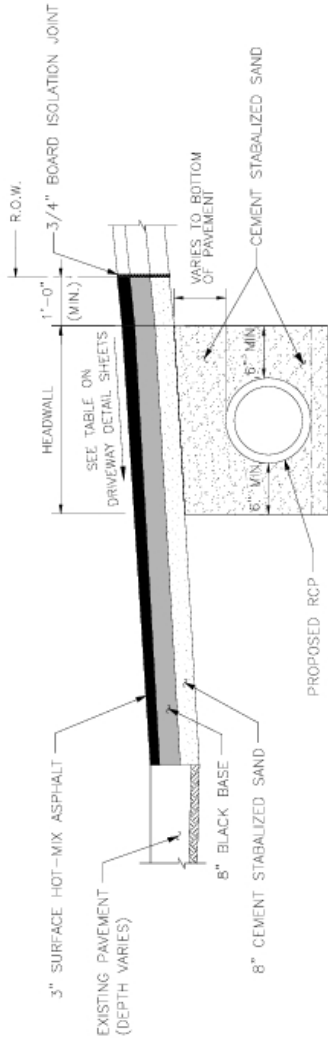
ASPHALT APRON DETAIL - DRIVEWAY PROFILE
FOR CULVERT DRAINAGE



SECTION A-A FOR RESIDENTIAL DRIVEWAYS

NOTES:

1. MAINTAIN A MIN. OF 6" BETWEEN DRIVEWAY AND CULVERT
2. HEADWALLS ARE ONLY ALLOWED ON ROADWAYS WITH POSTED SPEED LIMITS OF 35 MPH OR LESS
3. ALL DRIVEWAY CONNECTIONS SHALL HAVE THE SAME SURFACE AS THE EXISTING OR PROPOSED STREET.

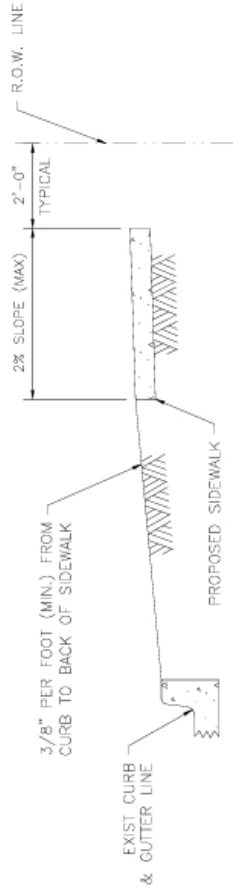


SECTION A-A FOR COMMERCIAL DRIVEWAYS

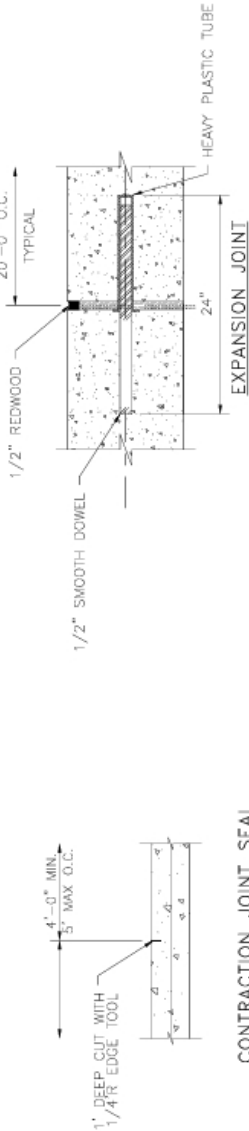
								
FORT BEND COUNTY ENGINEERING DEPARTMENT								
NO.	REVISIONS		DATE	NAME	PROJECT TITLE: DRAWN BY: _____ CHKD BY: _____ SCALE: AS NOTED DATE: 10-1-24 APPROVED BY: _____ SHEET NO.: _____ SHEET DESCRIPTION: ASPHALT DRIVEWAY DETAILS FIXED STANDARD 13 SHEET NO.: _____ /			
A	ORIGINAL STANDARD ISSUED		3-1-22	RJS				
A	UPDATED SECTION DETS. & NOTES 2 & 3		10-1-24	RJS				
A								
A								



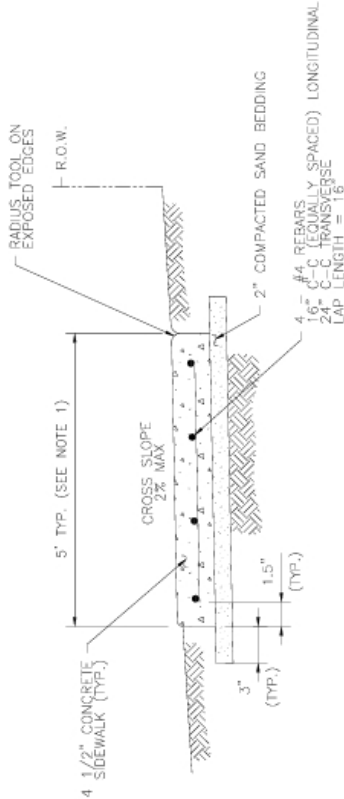
SIDEWALK JOINT DETAILS



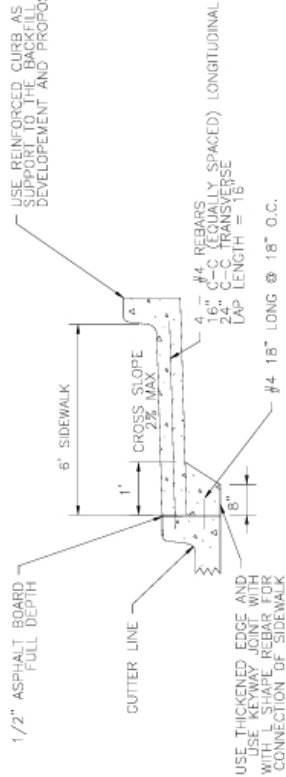
- NOTES:
1. TYPICAL SIDEWALK WIDTH IS 5'. SIDEWALKS OF 4' WIDTH ARE ALLOWED IN FRONT OF SINGLE FAMILY HOMES IF ALL DRIVEWAYS PROVIDE A 5' AREA FOR PASSING. SIDEWALKS OF 4' WITH 5' X 5' PASSING ZONES MUST BE SPECIFICALLY APPROVED BY FORT BEND COUNTY
2. THE MAXIMUM WIDTH BETWEEN EXPANSION JOINTS SHALL NOT EXCEED 20'-0"
3. EXPANSION JOINT IS TO BE 1/2" THICK CLEAR HEART REDWOOD WITH DOWELS
4. SCORED CONTRACTION JOINTS SHALL BE EVERY 5' OR EQUAL TO SIDEWALK WIDTH
5. ALL EARTHEN AREAS ARE TO BE SODDED UNLESS SHOWN OTHERWISE ON DRAWINGS.
6. SIDEWALKS ARE TO BE REINFORCED CONCRETE (3500 PSI) WITH #4 BARS, 16" C-C LONGITUDINAL, AND 18" C-C TRANSVERSE. SIDEWALKS NOT 5' IN WIDTH SHALL BE CONSTRUCTED AS DIRECTED BY THE ENGINEER OF RECORD.
7. USE RADIUS TOOL ON ALL EXPOSED EDGES.
8. MEMBRANE CURING COMPOUND IS REQUIRED AS DESCRIBED IN ITEM 802 IN THE HARRIS COUNTY STANDARD SPECIFICATIONS FOR CONSTRUCTION
9. SIDEWALK EXPANSION JOINTS SHALL CONFORM TO STREET EXPANSION JOINT STANDARDS
10. 6" SIDEWALK TO BE USED WHEN SIDEWALK RUNS ALONG THE BACK OF CURB AS DESCRIBES IN THE FBC DESIGN MANUAL



CONTRACTION JOINT SEAL



SIDEWALK CROSS SECTION



6' SIDEWALK DETAIL*

NOTE:

BANK SAND IS DEFINED AS A WELL-GRADED SAND, FREE OF SILT, CLAY, LOAM, FRAGILE OR SOLUBLE MATERIALS AND ORGANIC MATTER, MEETING THE UNITED SOILS CLASSIFICATION SYSTEM GROUP SW CRITERIA W/ A PLASTICITY INDEX OF LESS THAN 10, AND NO MORE THAN 12% OF MATERIAL CAN PASS THE NO. 200 SIEVE.

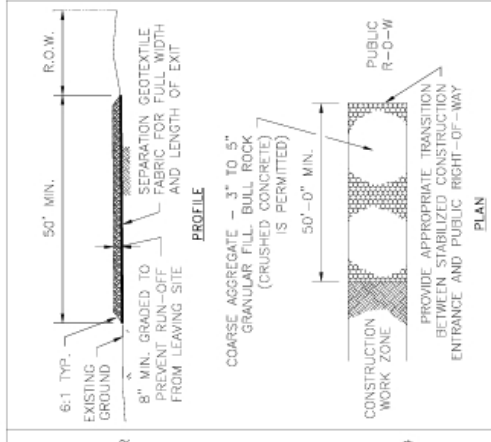
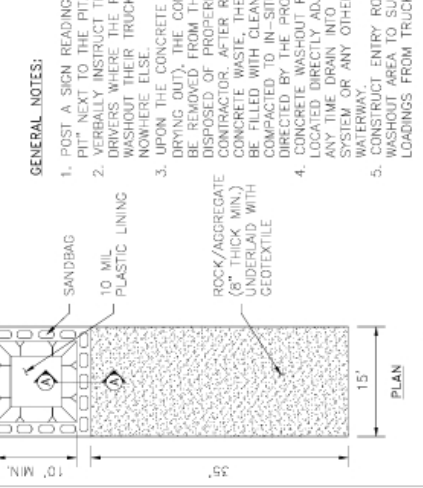
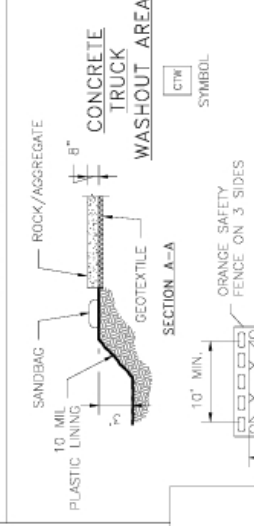
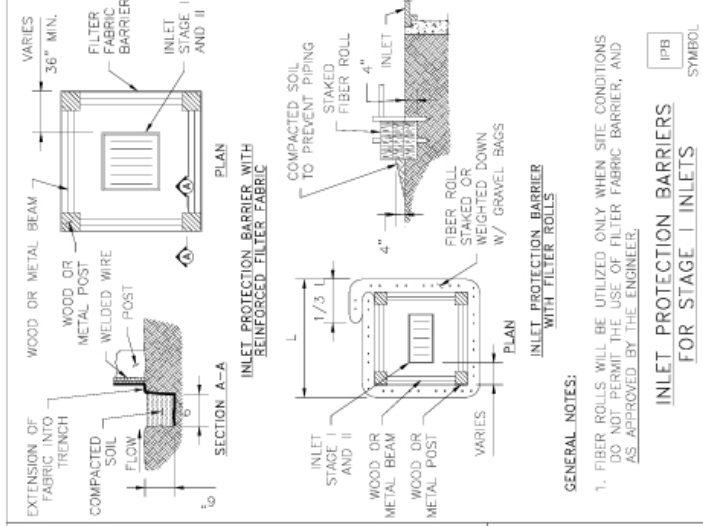
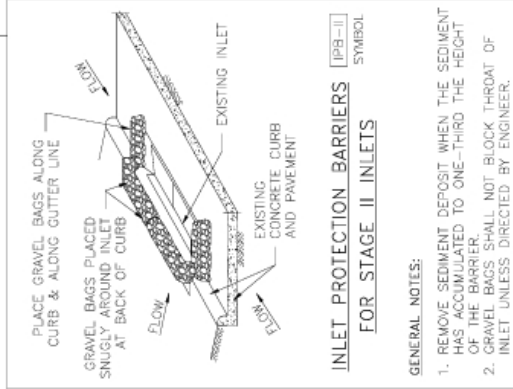
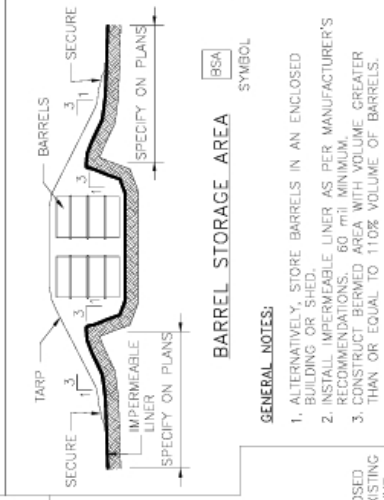
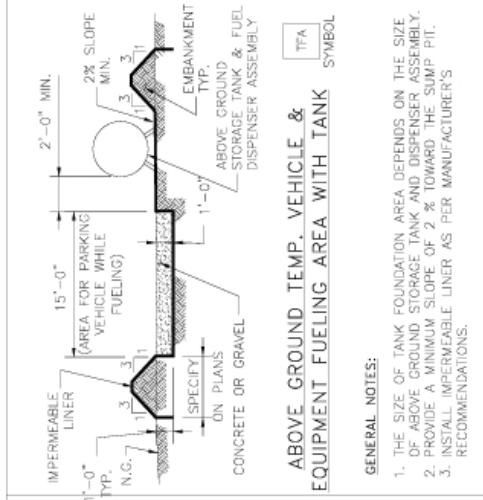
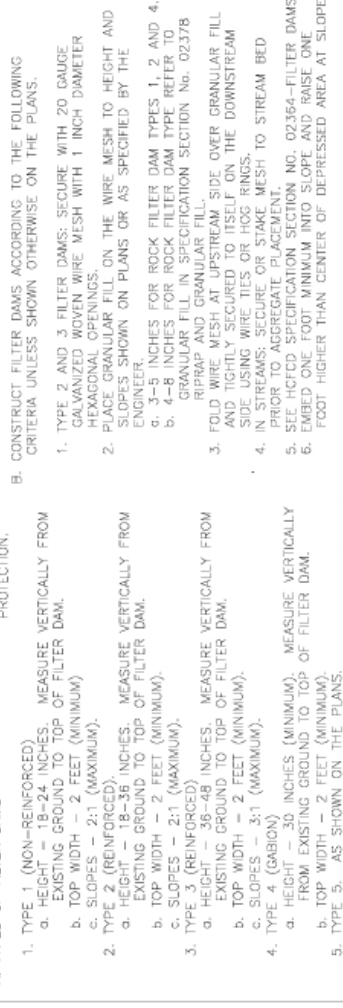
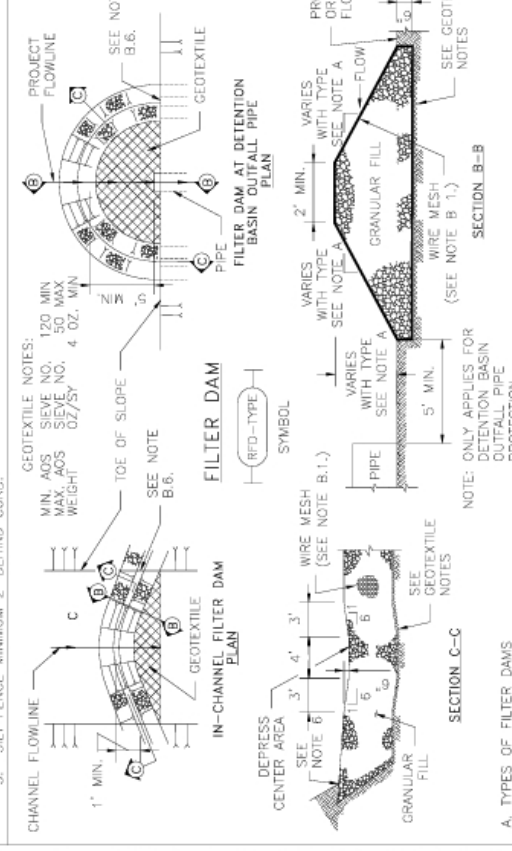
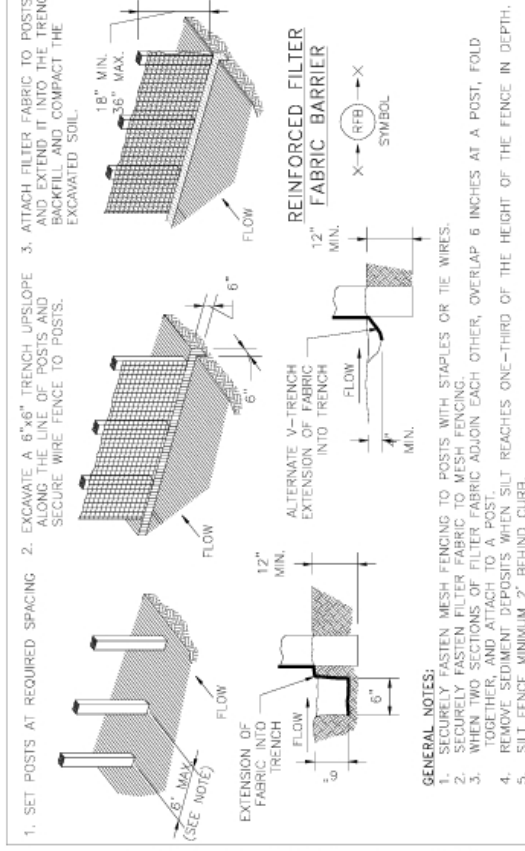
NO.	REVISIONS	DATE	NAME
1	ORIGINAL STANDARD	3-1-22	RJS
2	REVISED NOTE 6.8.1 & CROSS SECTION DET.	3-1-23	RJS
3	ADD 6' SIDEWALK & REVISED SECT. DETS.	10-1-24	RJS
4			
5			



FORT BEND COUNTY

ENGINEERING DEPARTMENT

PROJECT TITLE:		DRAWING NO.:	SHEET NO.:
DRYING INIT:		10-1-24	/
EXT BY:		DATE:	
SHEET DESCRIPTION:	SIDEWALK DETAILS		
SCALE:			
APPROVED BY:			



STABILIZED CONSTRUCTION ACCESS

1. MINIMUM LENGTH IS AS SHOWN ON CONSTRUCTION DRAWINGS, OR 50 FEET, WHICHEVER IS MORE.
2. CONSTANT WIDTH, APPROXIMATELY 10 FEET, WITH CONSTANT WIDTH ACROSS ITS LENGTH, INCLUDING ALL POINTS OF INGRESS OR EGRESS.
3. UNLESS SHOWN ON THE CONSTRUCTION DRAWINGS, STABILIZATION FOR OTHER AREAS WILL HAVE THE SAME AGGREGATE THICKNESS AND WIDTH REQUIREMENTS AS THE STABILIZED CONSTRUCTION EXIST.
4. WHEN SHOWN ON THE CONSTRUCTION DRAWINGS, WIDEN OR LENGTHEN STABILIZED AREA TO ACCOMMODATE A TRUCK WASHING AREA.
5. PROVIDE PERIODIC TOP DRESSING WITH ADDITIONAL COARSE AGGREGATE TO MAINTAIN THE REQUIRED DEPTH OR WHEN SURFACE BECOMES PACKED WITH MUD.
6. PERIODICALLY TURN AGGREGATE TO EXPOSE A CLEAN DRIVING SURFACE.
7. MINIMUM 14' TWO WAY TRAFFIC AND 20' WIDTH FOR ONE WAY TRAFFIC.

NO.	REVISIONS	DATE	NAME
1	ORIGINAL STANDARD ISSUED	3-1-22	RJS
2			
3			
4			
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FORT BEND COUNTY
ENGINEERING DEPARTMENT



PROJECT TITLE:		DRAWN BY: J. M. HARRIS		SHEET DESCRIPTION: STORM WATER POLLUTION PREVENTION PLAN DETAILS		TYPICAL STANDARD 60	
		SCALE: 1" = 10'					
		DATE: 3-1-22		APPROVED BY:		SHEET NO. 1	