



# 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](mailto:Permits@fortbendcountytexas.gov)

- ☐ Right of Way Permit
- ☐ Commercial Driveway Permit

Permit No: 2025-78716

**Applicant:** Apex Multifamily Construction LLC/Langan Engineering & Environmental Services

**Job Location Site:** 1500 Andado Ln, Richmond , TX 77469

|                 |                      |                |                    |
|-----------------|----------------------|----------------|--------------------|
| <b>Bond No.</b> | <b>Date of Bond:</b> | <b>Amount:</b> | <b>\$10,000.00</b> |
|-----------------|----------------------|----------------|--------------------|

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](mailto: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 24th day of June, 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:   
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: 2025-78716

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: \$10,000.00

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

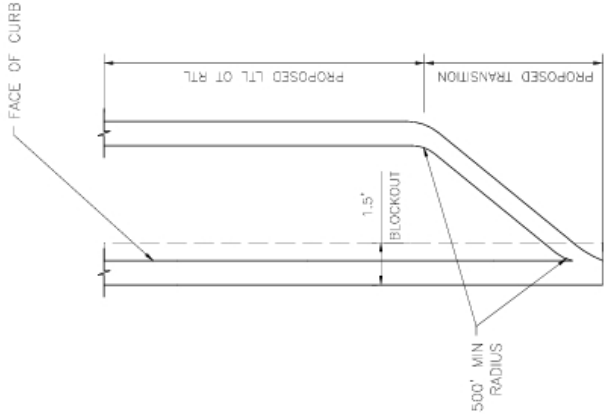
We have reviewed this project and agree it meets minimum requirements.



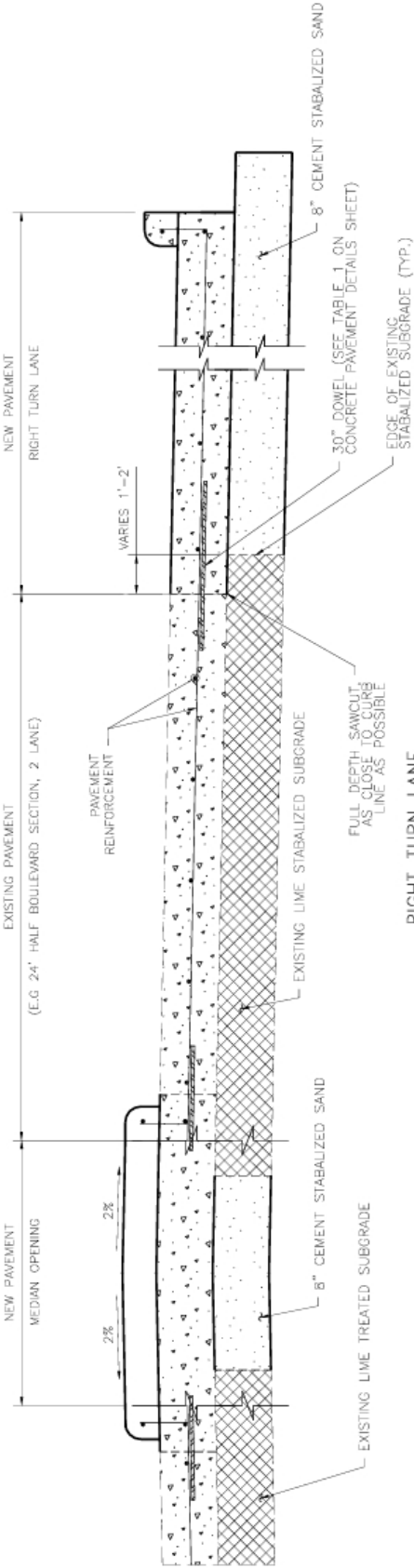
Permit Administrator

6/9/2025

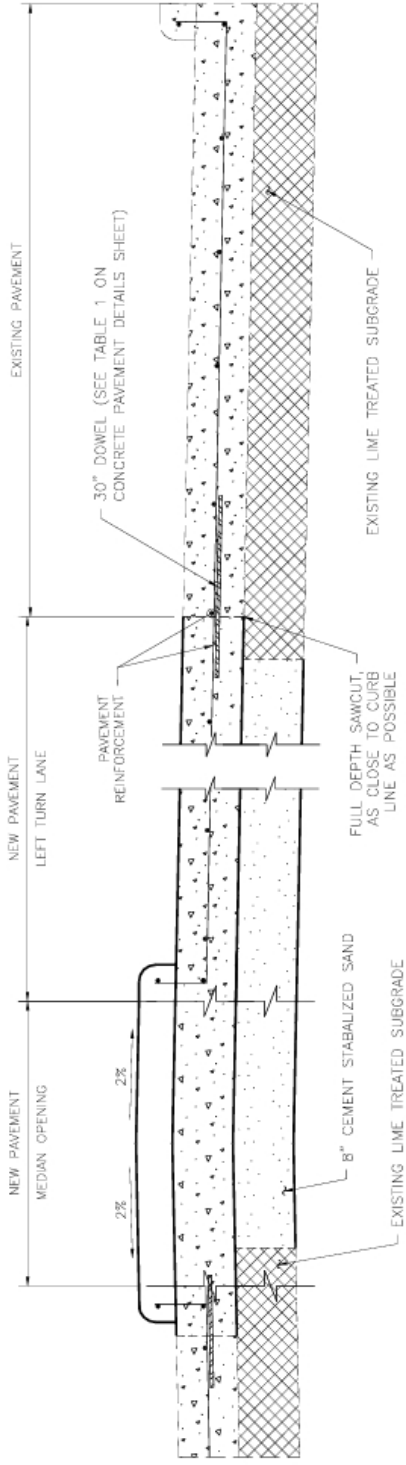
Date



TURN LANE PLAN VIEW



RIGHT TURN LANE  
& MEDIAN OPENING

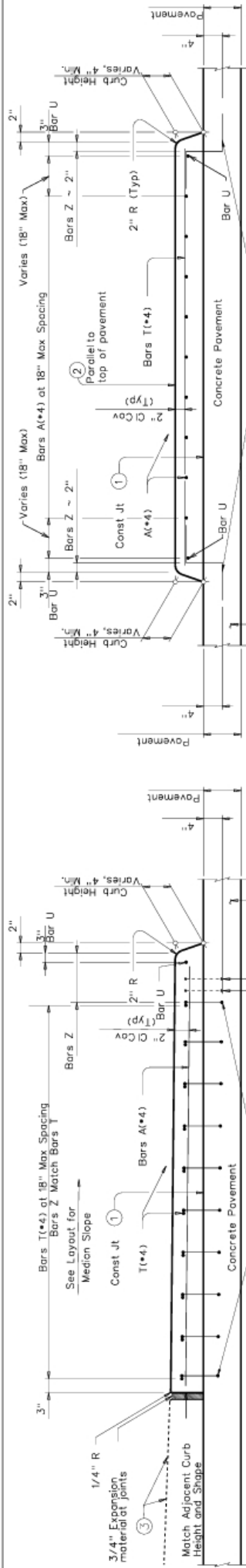


LEFT TURN LANE  
& MEDIAN OPENING

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.

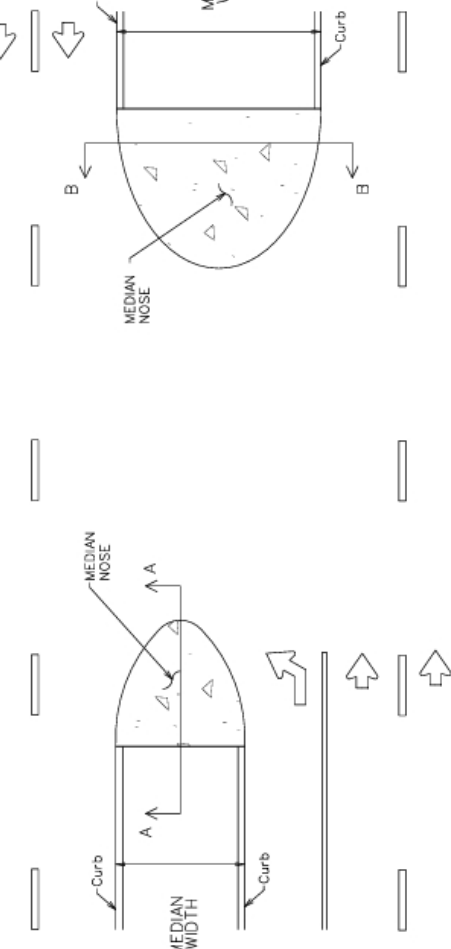
| NO. | REVISIONS                | DATE    | NAME | PROJECT TITLE:                                                                                                                                          |  |  | PRICED STANDARD                |             |
|-----|--------------------------|---------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--------------------------------|-------------|
|     |                          |         |      |                                                                                                                                                         |  |  | 08                             | SHEET NO. / |
| A   | ORIGINAL STANDARD ISSUED | 3-1-22  | RJS  | <div></div> <div>FORT BEND COUNTY<br/>ENGINEERING DEPARTMENT</div> |  |  | 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



PLAN

REINFORCING

Place Bar Z / Epoxy Anchors at 24\"/>

OPTIONAL EPOXY ANCHORS

Embed EA(\*4) bar into concrete with a Type III (Class C) epoxy meeting the requirements of DMS-6100, "Epoxyes and Adhesives". Follow manufacturer's directions for installing the epoxied anchor bars.

ESPLANADE NOSE

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.

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 without bullet 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".

| NO. | REVISIONS                | DATE    | NAME | FORT BEND COUNTY       |  |  |  | PROJECT TITLE: |                    | PROJECT STANDARD |
|-----|--------------------------|---------|------|------------------------|--|--|--|----------------|--------------------|------------------|
|     |                          |         |      | ENGINEERING DEPARTMENT |  |  |  | DRAWN BY:      | SHEET DESCRIPTION: |                  |
| 1   | ORIGINAL STANDARD ISSUED | 10-1-24 | RJS  |                        |  |  |  | INIT           | MEDIAN NOSE DETAIL | 09               |
| 2   |                          |         |      |                        |  |  |  | SCALE          |                    |                  |
| 3   |                          |         |      |                        |  |  |  | DATE           |                    |                  |
| 4   |                          |         |      |                        |  |  |  | APPROVED BY:   |                    |                  |
| 5   |                          |         |      |                        |  |  |  | 10-1-24        |                    | /                |

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 DRIVEWAY DETAIL SHEET FOR CONCRETE CURB REINFORCEMENT.
4. THIS PAVEMENT 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.

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

|                          | MINIMUM | MAXIMUM |
|--------------------------|---------|---------|
| RESIDENTIAL <sub>1</sub> | 10'     | 25'     |
| COMMERCIAL               | 20'     | 40'     |



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

|     |                               |         |      |
|-----|-------------------------------|---------|------|
| NO. | REVISONS                      | 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  |
| 4   |                               |         |      |
| 5   |                               |         |      |

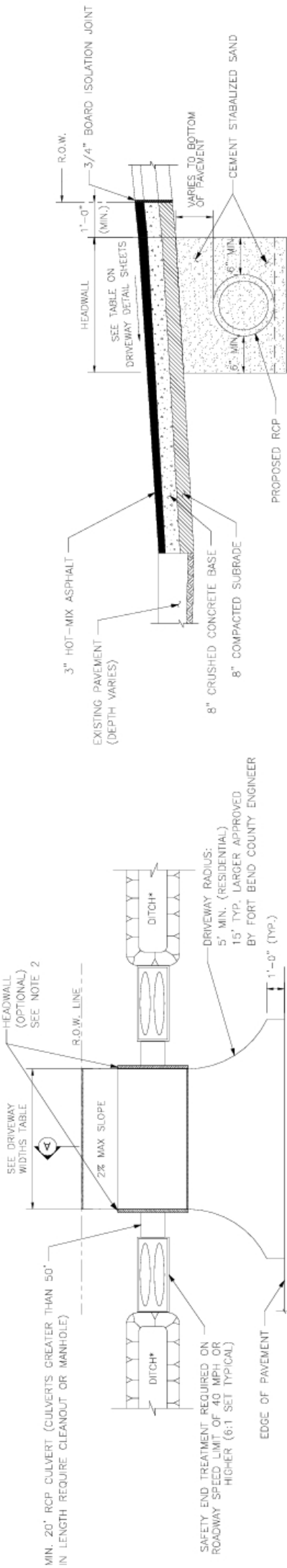


# FORT BEND COUNTY

## ENGINEERING DEPARTMENT

|                  |  |                                         |  |
|------------------|--|-----------------------------------------|--|
| PROJECT TITLE:   |  | DRAWN BY: J. L. HARRIS                  |  |
|                  |  | CHECKED BY: J. L. HARRIS                |  |
|                  |  | SHEET DESCRIPTION: DRIVEWAY DETAILS FOR |  |
|                  |  | INIT: J. L. HARRIS                      |  |
|                  |  | SCALE: 1"=6'                            |  |
|                  |  | DATE: 10-1-24                           |  |
|                  |  | APPROVED BY: J. L. HARRIS               |  |
|                  |  | 10-1-24                                 |  |
| PROJECT STANDARD |  | SHEET NO. 11                            |  |
|                  |  | SHEET NO. 5-SHEET NO. 1                 |  |





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\*

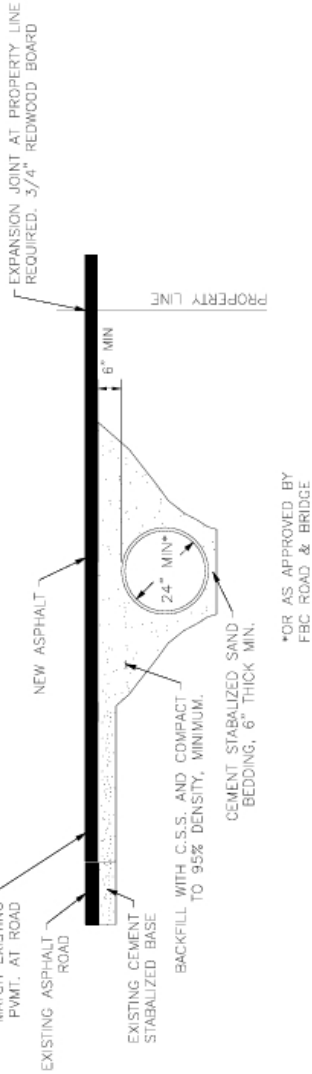
|  | MINIMUM     |            | MAXIMUM     |            |
|--|-------------|------------|-------------|------------|
|  | RESIDENTIAL | COMMERCIAL | RESIDENTIAL | COMMERCIAL |
|  | 10'         | 20'        | 25'         | 40'        |

\*DRIVEWAY WIDTHS ARE MEASURED AT THE ROW LINE

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 RESIDENTIAL DRIVEWAYS



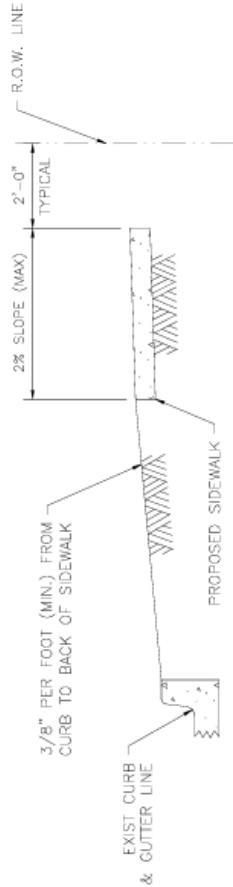
ASPHALT APRON DETAIL - DRIVEWAY PROFILE  
FOR CULVERT DRAINAGE

SECTION A-A FOR COMMERCIAL DRIVEWAYS

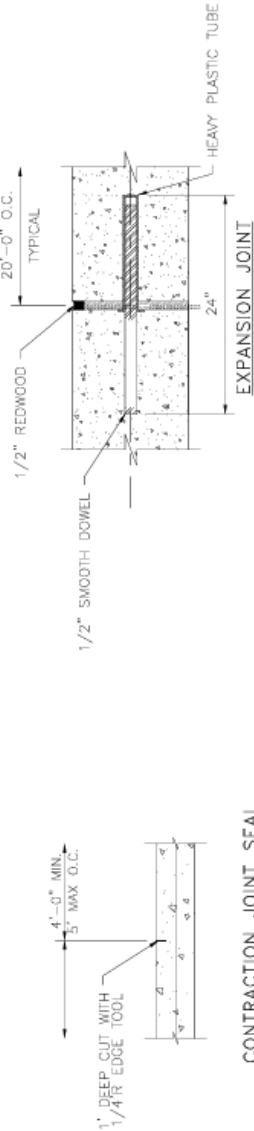
|                                            |                                     |  |         |      |                                                                                                                        |  |  |  |
|--------------------------------------------|-------------------------------------|--|---------|------|------------------------------------------------------------------------------------------------------------------------|--|--|--|
|                                            |                                     |  |         |      |                                     |  |  |  |
| FORT BEND COUNTY<br>ENGINEERING DEPARTMENT |                                     |  |         |      |                                                                                                                        |  |  |  |
| NO.                                        | REVISIONS                           |  | DATE    | NAME | PROJECT TITLE:<br><br>DRAWN BY:<br>CHKD BY:<br>SCALE: AS NOTED<br>DATE: 10-1-24<br>APPROVED BY:<br><br>SHEET NO.:<br>/ |  |  |  |
| A                                          | ORIGINAL STANDARD ISSUED            |  | 3-1-22  | RJS  |                                                                                                                        |  |  |  |
| A                                          | UPDATED SECTION DETS. & NOTES 2 & 3 |  | 10-1-24 | RJS  |                                                                                                                        |  |  |  |
| A                                          |                                     |  |         |      |                                                                                                                        |  |  |  |
| A                                          |                                     |  |         |      |                                                                                                                        |  |  |  |



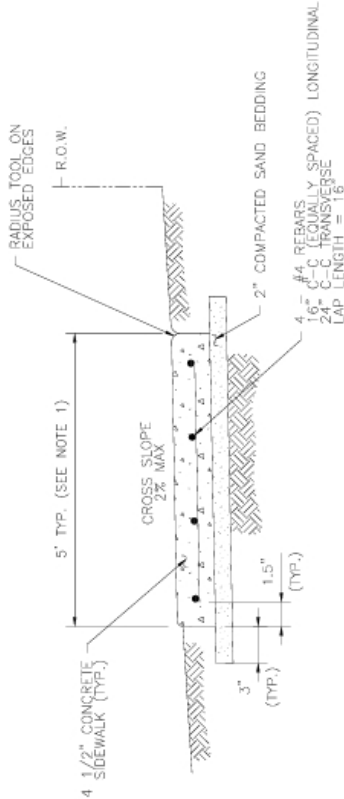
## SIDEWALK JOINT DETAILS



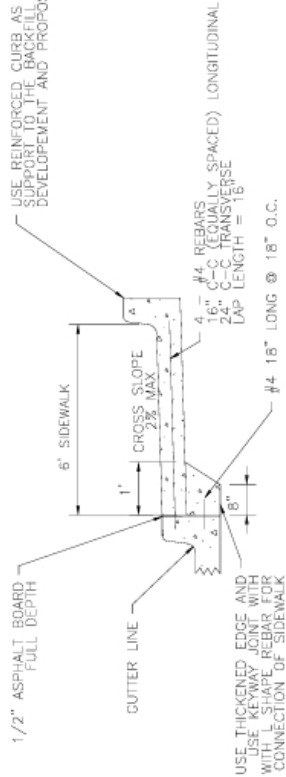
- NOTES:
1. TYPICAL SIDEWALK WIDTH IS 5'. SIDEWALKS OF 4' WIDTH ARE ALLOWED IN FRONT OF SINGLE FAMILY HOMES IF ALL DRIVEWAYS PROVIDE A 5' AREA FOR PASSING. SIDEWALKS OF 4' WITH 5' X 5' PASSING ZONES MUST BE SPECIFICALLY APPROVED BY FORT BEND COUNTY
2. THE MAXIMUM WIDTH BETWEEN EXPANSION JOINTS SHALL 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:     |                  |
| DRAWN BY:          |                  |
| CHECKED BY:        |                  |
| SHEET DESCRIPTION: | SIDEWALK DETAILS |
| SCALE:             |                  |
| DATE:              | 10-1-24          |
| APPROVED BY:       | /                |

PROJECT NO.:

SHEET NO.:

14

1



