



**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: 2022-56337

Applicant: JAP Construction Company/Wadhwa and Associates, Inc.,

Job Location Site: 17503 & 17529 HIGHWAY 36, NEEDVILLE, TX 77461

Bond No. **Date of Bond:** 8/22/2022 **Amount:** \$10,000.00

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, 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 6th day of September, 2022, Upon Motion of Commissioner Mayers, seconded by Commissioner Morales, 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 19-15-2022 Comm. Court No. 10R

By: N/A
Drainage District Engineer/Manager

Clerk of Commissioners Court
By:
Deputy



**REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT**

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
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- Right of Way Permit
 Commercial Driveway Permit
Permit No: 2022-56337

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: [REDACTED] Amount: \$10,000.00
- Cashier's Check Check No: _____ Amount: _____

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

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



Permit Administrator

8/22/2022

Date

32

**This bond replaced and supersedes any and all bonds with Platte River Insurance Company bond number A [REDACTED] *

**PERFORMANCE BOND COVERING ALL CABLE, CONDUIT AND/OR POLE LINE
ACTIVITY IN, UNDER, ACROSS OR ALONG FORT BEND COUNTY ROAD,
COMMERCIAL DRIVEWAY AND MEDIAN OPENINGS OR MODIFICATIONS
(AUTHORIZED)**

BOND [REDACTED]

THE STATE OF TEXAS §
COUNTY OF FORT BEND §

KNOW ALL MEN BY THESE PRESENTS:

THAT WE, JAP Construction Company whose (address, phone) is PO Box 17417, Sugar Land, Texas 77496, hereinafter called the Principal, and Platte River Insurance Company, a Corporation existing under and by virtue of the laws of the state of Nebraska and authorized to do an indemnifying business in the state of Texas, and whose principal office is located at (name/address/phone) 1600 Aspen Commons, Suite 300, Middleton, WI 53562, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought within said state is Platte River Insurance Company, C/O Corporation Service Company, Registered Agent and whose address is 211 E 7th St, Ste 620, Austin, TX 78701-3218, hereinafter called the Surety, and held and firmly bound unto, KP George, County Judge of Fort Bend County, Texas, or his successors in office, in the full sum of Ten Thousand and 00/100 Dollars (\$ 10,000.00) current, lawful money of the United States of America, to be paid to said KP George, County Judge of Fort Bend County, Texas, or his successors in office, to which payment well and truly to be made and done, we, the undersigned, bind ourselves and each of us, our heirs, executors, administrators, successors, assigns, and legal representatives, jointly and severally, by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT, WHEREAS, the above bounden principal contemplates laying, constructing, maintaining and/or repairing one or more cables, conduits, and/or pole lines in, under, across and/or along roads, streets and highways, commercial driveway and median openings or modifications in the County of Fort Bend, and the State of Texas, under the jurisdiction of the Commissioners' Court of Fort Bend County, Texas, pursuant to the Commissioners' Court order adopted on the 1st day of December, A.D. 1980, recorded in Volume 13, of the Commissioners' Court Minutes of Fort Bend County, Texas, regulating same, which Commissioners' Court order is hereby referred to and made a part hereof for all purposes as though fully set out herein;

AND WHEREAS, the principal desires to provide Fort Bend County with a performance bond covering all such cable, conduit and/or pole line activity, commercial driveway and median openings or modifications;

NOW, THEREFORE, if the above bounden principal shall faithfully perform all its cable, conduit and/or pole line activity (including, but not limited to the laying, construction, maintenance and/or repair of cables, conduits and/or pole lines) in, under, across and/or along roads, streets and highways, commercial driveway and median openings or modifications in the County of Fort Bend and State of Texas, under the jurisdiction of the Commissioners Court of Fort Bend County, Texas, pursuant to and in accordance with minimum requirements and conditions of the above mentioned Commissioners' Court order set forth and specified to be by said principal done and performed, at the time and in the manner therein specified, and shall pay over and make good and reimburse Fort Bend County, all loss and damages which Fort Bend County may sustain by reason of any failure or default on the part of said principal, then this obligation shall be null and void, otherwise to remain in full force and effect.

This bond is payable at the County Courthouse in the County of Fort Bend and State of Texas.

It is understood that at any time Fort Bend County deems itself insecure under this bond, it may require further and/or additional bonds of the principal.

EXECUTED this 22nd day of August, 2022.

JAP Construction Company
PRINCIPAL

BY Patel A.K.

Platte River Insurance Company
SURETY

BY Jeremy J. Crawford



CCM 9-6-2022 # 10R
Fort Bend County Clerk
Return Div Supervisor Admin RAC
Permit-2022-56337

3 pgs
2022117162

PLATTE RIVER INSURANCE COMPANY
POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, That the PLATTE RIVER INSURANCE COMPANY, a corporation of the State of Nebraska, having its principal offices in the City of Middleton, Wisconsin, does make, constitute and appoint

-----JEREMY J. CRAWFORD; WILLIAM J. NEMEC; MICHAEL D. WILLIAMS-----

its true and lawful Attorney(s)-in-fact, to make, execute, seal and deliver for and on its behalf, as surety, and as its act and deed, any and all bonds, undertakings and contracts of suretyship, provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed in amount the sum of

----- ALL WRITTEN INSTRUMENTS IN AN AMOUNT NOT TO EXCEED: \$20,000,000.00-----

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of PLATTE RIVER INSURANCE COMPANY at a meeting duly called and held on the 8th day of January, 2002.

"RESOLVED, that the President, Executive Vice President, Vice President, Secretary or Treasurer, acting individually or otherwise, be and they hereby are granted the power and authorization to appoint by a Power of Attorney for the purposes only of executing and attesting bonds and undertakings, and other writings obligatory in the nature thereof, one or more resident vice-presidents, assistant secretaries and attorney(s)-in-fact, each appointee to have the powers and duties usual to such offices to the business of this company; the signature of such officers and seal of the Company may be affixed to any such power of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company, and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking or other writing obligatory in the nature thereof to which it is attached. Any such appointment may be revoked, for cause, or without cause, by any of said officers, at any time."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner - Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

IN WITNESS WHEREOF, the PLATTE RIVER INSURANCE COMPANY has caused these presents to be signed by its officer undersigned and its corporate seal to be hereto affixed duly attested, this 1st day of January, 2020.

Attest:

[Signatures of Ryan J. Byrnes and Suzanne M. Broadbent]
Ryan J. Byrnes
Senior Vice President,
Chief Financial Officer and Treasurer
Suzanne M. Broadbent
Assistant Secretary



PLATTE RIVER INSURANCE COMPANY

[Signature of John L. Sennott, Jr.]
John L. Sennott, Jr.
Chief Executive Officer and President

STATE OF WISCONSIN } S.S.:
COUNTY OF DANE

On the 1st day of January, 2020 before me personally came John L. Sennott, Jr., to me known, who being by me duly sworn, did depose and say: that he resides in the County of Hartford, State of Connecticut; that he is Chief Executive Officer and President of PLATTE RIVER INSURANCE COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of the said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.



[Signature of David J. Regele]
David J. Regele
Notary Public, Dane Co., WI
My Commission Is Permanent

STATE OF WISCONSIN } S.S.:
COUNTY OF DANE

I, the undersigned, duly elected to the office stated below, now the incumbent in PLATTE RIVER INSURANCE COMPANY, a Nebraska Corporation, authorized to make this certificate, DO HEREBY CERTIFY that the foregoing attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolution of the Board of Directors, set forth in the Power of Attorney is now in force.

Signed and sealed at the City of Middleton, State of Wisconsin this 22nd day of August, 2022

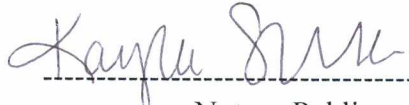


[Signature of Andrew B. Diaz-Matos]
Andrew B. Diaz-Matos
Senior Vice President, General Counsel and Secretary

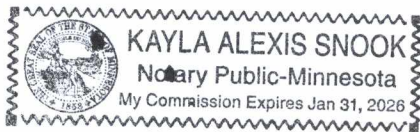
Acknowledgment of Surety

State of Minnesota
County of Carver

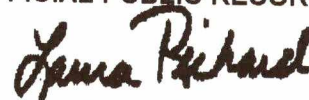
On this 22nd day of August, 2022 before me personally appeared **Jeremy J. Crawford** who acknowledged that he or she is the attorney in fact who is authorized to sign on behalf of **Platte River Insurance Company** (surety company), the foregoing instrument, and he thereupon duly acknowledged to me that he executed the same.



Notary Public



FILED AND RECORDED
OFFICIAL PUBLIC RECORDS



Laura Richard, County Clerk

Fort Bend County Texas

September 09, 2022 03:24:54 PM

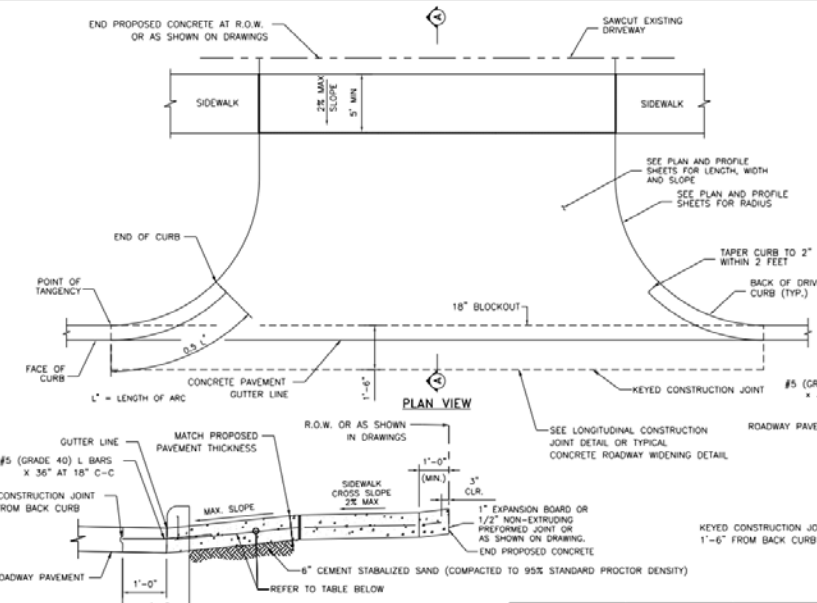
FEE: \$0.00

DP2

2022117162



A:\1704\1801\Fort Bend County Standard\Fort Bend County Standard\Fort Bend County Standard\DRIVEWAY_DETAILS_FOR_MAJOR_ROADWAY_CONSTRUCTION\DRIVEWAY_DETAILS_FOR_MAJOR_ROADWAY_CONSTRUCTION.dwg



- 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.

MINIMUM RADII REQUIREMENTS - DRIVEWAYS

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

| | PAVEMENT THICKNESS | COLLECTOR/MAJOR | RESIDENTIAL (MAJOR THROUGHFARE) | 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. |
| 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 |
| CONSTRUCTION JOINT DOWEL | ALL | #5 REBAR | #5 REBAR | #5 REBAR |
| | ALL | 6" CEMENT-STABILIZED SAND | 2" BANK SAND | 2" BANK SAND |
| RUNNING 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 | 2-1-21 | RBB |

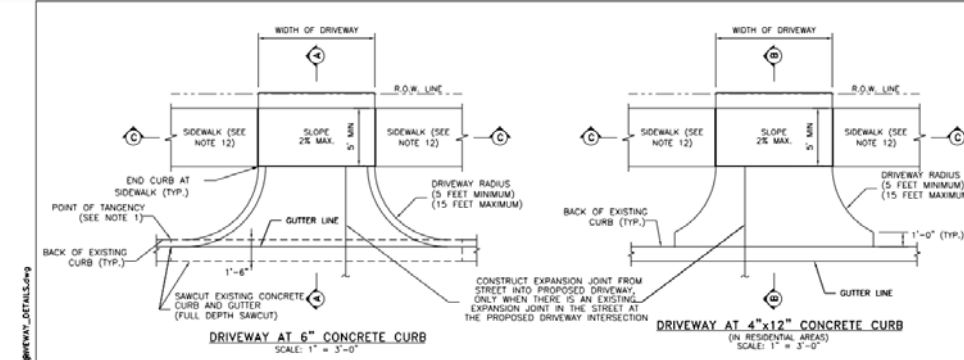
FORT BEND COUNTY ENGINEERING DEPARTMENT



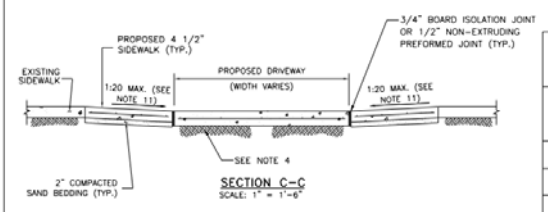
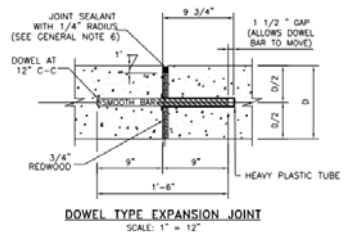
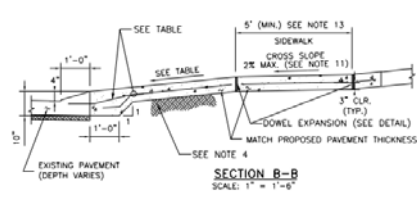
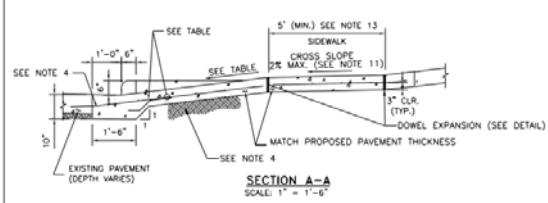
CONSULTANT LOGO (LAYER "C-NON-PRINT")

FOR INTERIM REVIEW ONLY
DOCUMENT INCOMPLETE
NOT SUITABLE FOR CONSTRUCTION
REINFORCEMENT BARBERS
(LAYER "C-NON-PRINT")
P.E. SERIAL NO.
DATE:

| PROJECT TITLE: | DATE: | FRCD STANDARD |
|---|--------|---------------|
| DRIVEWAY DETAILS FOR MAJOR ROADWAY CONSTRUCTION | 2-1-21 | # / # |



- NOTES:**
1. PROPOSED DRIVEWAY AT 6" CONCRETE CURB SHALL MATCH EXISTING CURB AT POINT OF TANGENCY.
 2. PROPOSED DRIVEWAY SHALL BE BUILT WITH PORTLAND CEMENT CONCRETE, 5 1/2 SACK MINIMUM PER CURE YARD, 3,500 PSI STRENGTH AT 28 DAYS, THIS DRIVEWAY INSTALLATION IS GOVERNED BY HARRIS COUNTY ITEM 360.
 3. COMPACTION OF SUBGRADE TO 95% OF STANDARD PROCTOR DENSITY (ASTM D698) (+/- 2% OPTIMUM MOISTURE) FOR PROPOSED DRIVEWAY CONNECTION. THE COUNTY ENGINEER RESERVES THE RIGHT TO INSPECT AND REQUIRE LABORATORY TEST TO BE CONDUCTED.
 4. FOR COMMERCIAL DRIVEWAYS, USE 6" OF COMPACTED CEMENT STABILIZED SAND. FOR RESIDENTIAL DRIVEWAYS, USE 2" OF COMPACTED BANK SAND.
 5. A PROPOSED DRIVEWAY TO BE BUILT ON A CORNER LOT CANNOT BE LOCATED WITHIN ANY PORTION OF THE PUBLIC STREET CURB RADIUS (THE POINTS OF TANGENCY MAY BE THE SAME POINT ALONG THE STREET CURB LINE).
 6. PROPOSED DRIVEWAY REINFORCING STEEL SHALL BE TIED TO EXISTING CONCRETE PAVEMENT WITH A MINIMUM LAP OF 18 INCHES.
 7. IF EXISTING STREET REBAR IS CUT OFF, THEN #4 DOWEL BARS (18" LONG) NEED TO BE INSTALLED AT 24" SPACING, EMBEDDED 9 INCHES AND EXPOSED OR MATCH EXISTING SPACING IF TIGHTER.
 8. 3" NON-METALLIC CHAIRS ARE REQUIRED.
 9. FOR CAPITAL IMPROVEMENT PROJECTS, THE SUBGRADE SHALL BE STABILIZED ACCORDING TO THE GEOTECHNICAL REPORT RECOMMENDATIONS.
 10. SAW AND SEAL ALL CONSTRUCTION JOINTS.
 11. SIDEWALK SLOPES SHALL COMPLY WITH THE TEXAS ACCESSIBILITY STANDARDS 403.3 "SLOPE".
 12. IF SIDEWALK IS EXISTING, SEE SECTION C-C.
 13. SIDEWALKS MAY BE REDUCED TO 4' IN FRONT OF SINGLE-FAMILY RESIDENTIAL LOTS WHEN A 5' PASSING AREA IS PROVIDED IN THE DRIVEWAY.
 14. FOR SIDEWALK DETAILS SEE SIDEWALK DETAILS SHEET



| | PAVEMENT THICKNESS | COLLECTOR/MAJOR | RESIDENTIAL (MAJOR THROUGHFARE) | 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. |
| EXPANSION DOWEL JOINT | 6" | 3/4" DIA. SMOOTH BAR | 3/4" DIA. SMOOTH BAR | 3/4" DIA. SMOOTH BAR |
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| | 8" | 1" DIA. SMOOTH BAR | 1" DIA. SMOOTH BAR | 1" DIA. SMOOTH BAR |
| CONSTRUCTION JOINT DOWEL | ALL | #5 REBAR | #5 REBAR | #5 REBAR |
| | ALL | 6" CEMENT-STABILIZED SAND | 2" BANK SAND | 2" BANK SAND |
| RUNNING 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 | 2-1-21 | RBB |

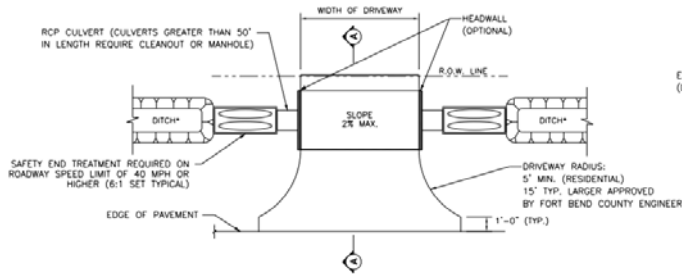
FORT BEND COUNTY ENGINEERING DEPARTMENT



CONSULTANT LOGO (LAYER "C-NON-PRINT")

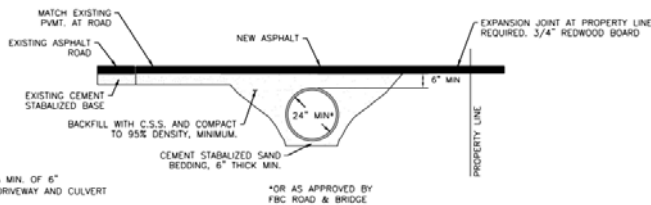
FOR INTERIM REVIEW ONLY
DOCUMENT INCOMPLETE
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REINFORCEMENT BARBERS
(LAYER "C-NON-PRINT")
P.E. SERIAL NO.
DATE:

| PROJECT TITLE: | DATE: | FRCD STANDARD |
|--|--------|---------------|
| DRIVEWAY DETAILS FOR RESIDENTIAL DRIVEWAYS | 2-1-21 | # / # |

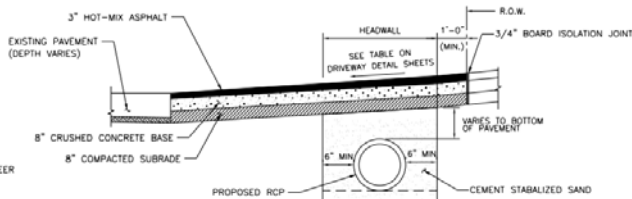


OPEN DITCH DRIVEWAY
*DITCH IS TO HAVE 4:1 SLOPE

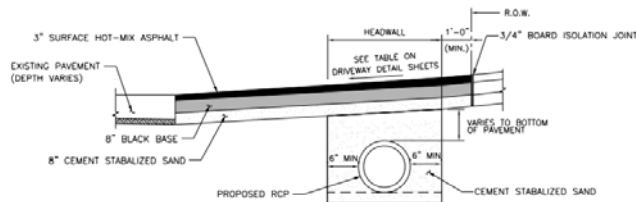
| MINIMUM RADI REQUIREMENTS - DRIVEWAYS | | |
|---------------------------------------|-------|-----------------|
| | LOCAL | COLLECTOR/MAJOR |
| RESIDENTIAL | 5' | - |
| COMMERCIAL | 10' | 25' |



ASPHALT APRON DETAIL - DRIVEWAY PROFILE FOR CULVERT DRAINAGE



SECTION A-A FOR RESIDENTIAL DRIVEWAYS



SECTION A-A FOR COMMERCIAL DRIVEWAYS

| NO. | REVISIONS | DATE | NAME |
|-----|--------------------------|--------|------|
| 1 | ORIGINAL STANDARD ISSUED | 2-1-21 | FWR |
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| 3 | | | |
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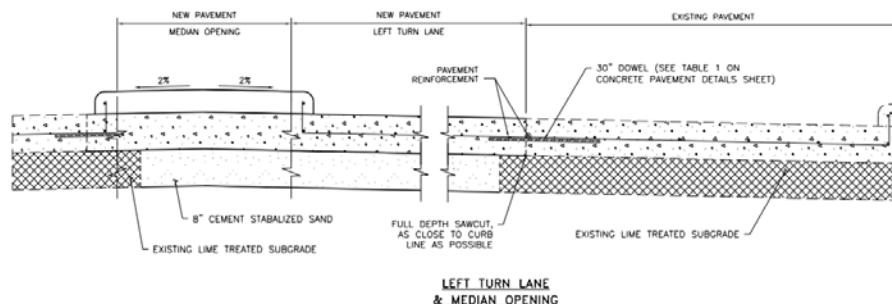
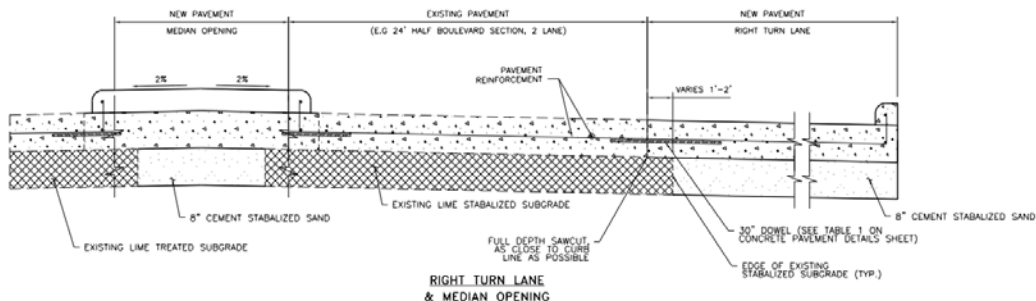
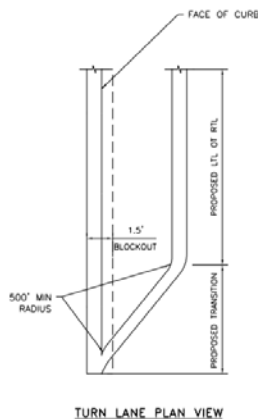
FORT BEND COUNTY ENGINEERING DEPARTMENT



CONSULTANT LOGO (LAYER "C-NON-PRINT")

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DOCUMENT INCOMPLETE:
NOT ADVISED FOR CONSTRUCTION.
BEHIND THE SCENES
(LAYER "C-NON-PRINT")
P.E. SERIAL No.
DATE:

| PROJECT TITLE | DRAWN BY | FRONT STANDARD |
|--------------------------|--------------|-----------------|
| ASPHALT DRIVEWAY DETAILS | NOT | |
| | DATE | |
| | APPROVED BY: | |
| | | SHEET NO. # / # |



NOTES
1. FOR CONCRETE PAVEMENT REINFORCEMENT AND JOINT DETAILS, SEE CONCRETE PAVEMENT DETAILS SHEET

| NO. | REVISIONS | DATE | NAME |
|-----|--------------------------|--------|------|
| 1 | ORIGINAL STANDARD ISSUED | 2-1-21 | FWR |
| 2 | | | |
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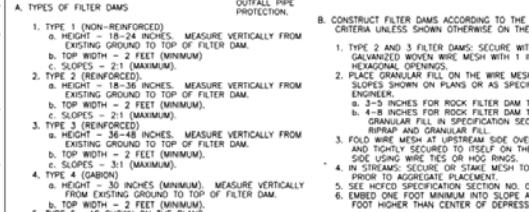
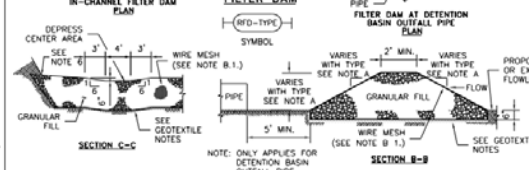
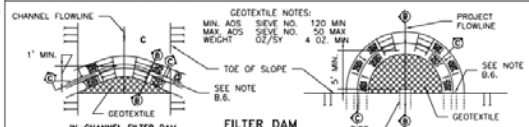
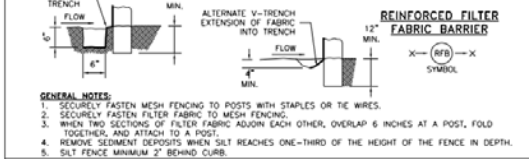
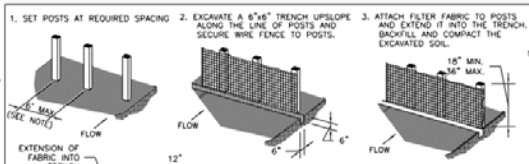
FORT BEND COUNTY ENGINEERING DEPARTMENT



CONSULTANT LOGO (LAYER "C-NON-PRINT")

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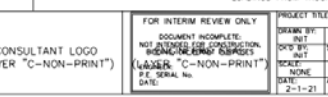
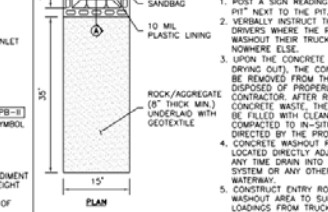
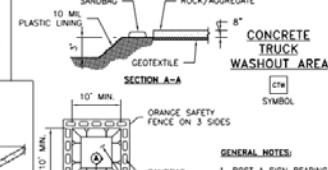
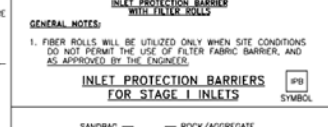
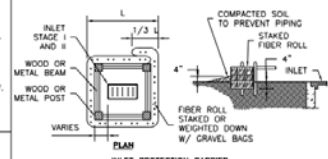
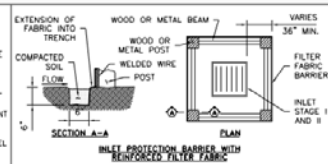
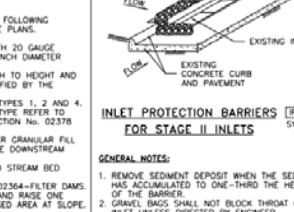
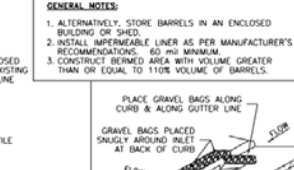
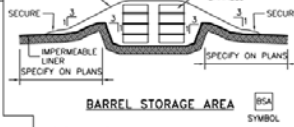
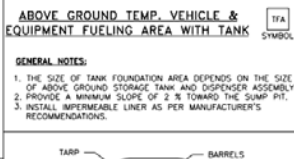
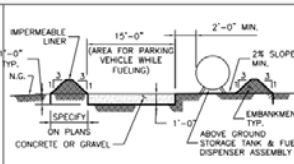
| PROJECT TITLE | DRAWN BY | FRONT STANDARD |
|-----------------------------------|--------------|-----------------|
| TURN LANE & MEDIAN OPENING DETAIL | NOT | |
| | DATE | |
| | APPROVED BY: | |
| | | SHEET NO. # / # |



A. TYPES OF FILTER DAMS

- TYPE 1 (NON-REINFORCED)
 - HEIGHT - 18-24 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - TOP WIDTH - 2 FEET (MINIMUM).
 - SLOPES - 2:1 (MAXIMUM).
- TYPE 2 (REINFORCED)
 - HEIGHT - 18-36 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - TOP WIDTH - 2 FEET (MINIMUM).
 - SLOPES - 2:1 (MAXIMUM).
- TYPE 3 (REINFORCED)
 - HEIGHT - 36-48 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - TOP WIDTH - 2 FEET (MINIMUM).
 - SLOPES - 3:1 (MAXIMUM).
- TYPE 4 (GABION)
 - HEIGHT - 30 INCHES (MINIMUM). MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - TOP WIDTH - 2 FEET (MINIMUM).
- TYPE 5. AS SHOWN ON THE PLANS.

| NO. | REVISIONS | DATE | NAME |
|-----|--------------------------|--------|------|
| 1 | ORIGINAL STANDARD ISSUED | 2-1-21 | RWB |
| | | | |
| | | | |
| | | | |



FORT BEND COUNTY
ENGINEERING DEPARTMENT



CONSULTANT LOGO
(LAYER "C-NON-PRINT")

FOR INTERIM REVIEW ONLY
DOCUMENT INCOMPLETE.
NOT SUITABLE FOR CONSTRUCTION.
NO AGENCY REVIEW REQUIRED.
(LAYER "C-NON-PRINT")
P.E. SERIAL No. _____
DATE: _____

PROJECT TITLE:
DRAWING NO.:
DTP BY: _____
DATE: _____
SCALE: NONE
APPROVED BY: _____
DATE: 2-1-21

PROJECT DESCRIPTION:
STORM WATER POLLUTION
PREVENTION PLAN DETAILS

FIELD STANDARD
SHEET NO. 7/7