



**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@fortbendcountytx.gov

- Right of Way Permit
- Commercial Driveway Permit

Permit No: 2022-56946

Applicant: Anchor Excavators, Inc.

Job Location Site: A. Myers Rd x Berdett Rd, Richmond, TX 77469

Bond No. [REDACTED] Date of Bond: 8/19/2022 Amount: \$15,000.00

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 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 13th day of September, 2022, Upon Motion of Commissioner Meyers, 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

By:

Sean Eglinton
County Engineer

Presented to Commissioners Court and approved.

Date Recorded 9-16-2022

Comm. Court No. 10C

By:

N/A

Adam Wright
Drainage District Engineer/Manager

Clerk of Commissioners Court

By:

Linda Walks
Deputy



**REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT**

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

Right of Way Permit

Commercial Driveway Permit

Permit No: 2022-56946

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: \$15,000.00
- Cashier's Check Check No: _____ Amount: _____

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Adam Wright
Drainage District Approval

9/6/22
Date

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

Sean Egerton
Permit Administrator

9/2/2022
Date

3N

**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)**

Stonecreek Detention and Mass Grading Phase IV

BOND [REDACTED]

THE STATE OF TEXAS §
COUNTY OF FORT BEND §

KNOW ALL MEN BY THESE PRESENTS:

THAT WE, Anchor Excavators, Inc. whose (address, phone) is 8906 Cresting Ridge Drive Richmond, Texas 77406 281-642-8742, hereinafter called the Principal, and The Gray Casualty & Surety Company, a Corporation existing under and by virtue of the laws of the state of Louisiana and authorized to do an indemnifying business in the state of Texas, and whose principal office is located at (name/address/phone) 1225 West Causeway Approach Mandeville, LA 70471 (504)-754-67111, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought within said state is Michael Kremheller and whose address is 136 Grove Clover Ln Montgomery, TX 77316, 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 Fifteen Thousand and no/00 Dollars (\$ 15,000) 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.

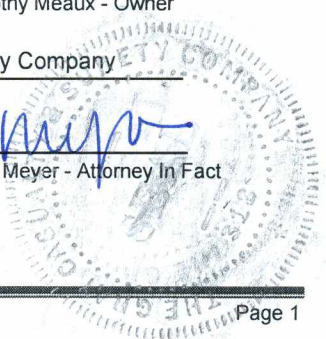
This bond is payable at the County Courthouse in the County of Fort Bend and State of Texas.

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 19th day of August , 2022 .

Anchor Excavators, Inc.
PRINCIPAL
Tim Meaux
BY Timothy Meaux - Owner

The Gray Casualty & Surety Company
SURETY
Kenneth L. Meyer
BY Kenneth L. Meyer - Attorney In Fact



CCM9-13 2022 # 10C
Fort Bend County Clerk
Return Div Supervisor Admin RAC
Perm + -2022-56946

3 pgs
2022119235

**THE GRAY INSURANCE COMPANY
THE GRAY CASUALTY & SURETY COMPANY**

GENERAL POWER OF ATTORNEY

Bond Number: [Redacted] Principal: *Anchor Excavators, inc.*
Project: *FBC ROW Bond*

KNOW ALL BY THESE PRESENTS, THAT The Gray Insurance Company and The Gray Casualty & Surety Company, corporations duly organized and existing under the laws of Louisiana, and having their principal offices in Metairie, Louisiana, do hereby make, constitute, and appoint **Kenneth L. Meyer, Kelly J. Brooks, and Charles A. McClure of Cypress, Texas jointly and severally** on behalf of each of the Companies named above its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its deed, bonds, or other writings obligatory in the nature of a bond, as surety, contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed the amount of \$10,000,000.00.

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both The Gray Insurance Company and The Gray Casualty & Surety Company at meetings duly called and held on the 26th day of June, 2003.

"RESOLVED, that the President, Executive Vice President, any Vice President, or the Secretary be and each or any of them hereby is authorized to execute a power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings, and all contracts of surety, and that each or any of them is hereby authorized to attest to the execution of such Power of Attorney, and to attach the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the 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 signature or facsimile seal shall be binding upon the Company now and in the future when so affixed with regard to any bond, undertaking or contract of surety to which it is attached.

IN WITNESS WHEREOF, The Gray Insurance Company and The Gray Casualty & Surety Company have caused their official seals to be hereinto affixed, and these presents to be signed by their authorized officers this 12th day of September, 2011.



By:

Michael T. Gray
Michael T. Gray
President, The Gray Insurance Company
and
Vice President,
The Gray Casualty & Surety Company

Attest:

Mark S. Manguno
Mark S. Manguno
Secretary,
The Gray Insurance Company,
The Gray Casualty & Surety Company



State of Louisiana

ss:

Parish of Jefferson

On this 12th day of September, 2011, before me, a Notary Public, personally appeared Michael T. Gray, President of The Gray Insurance Company and Vice President of The Gray Casualty & Surety Company, and Mark S. Manguno, Secretary of The Gray Insurance Company and The Gray Casualty & Surety Company, personally known to me, being duly sworn, acknowledged that they signed the above Power of Attorney and affixed the seals of the companies as officers of, and acknowledged said instrument to be the voluntary act and deed, of their companies.



Lisa S. Millar

Lisa S. Millar, Notary Public, Parish of Orleans
State of Louisiana
My Commission is for Life

I, Mark S. Manguno, Secretary of The Gray Insurance Company and The Gray Casualty & Surety Company, do hereby certify that the above and forgoing is a true and correct copy of a Power of Attorney given by the companies, which is still in full force and effect.
IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies, this *19th* day of *August, 2022*



Mark S. Manguno
Mark S. Manguno, Secretary
The Gray Insurance Company
The Gray Casualty & Surety Company





The Gray Insurance Company
The Gray Casualty & Surety Company

Statutory Complaint Notice

To obtain information or to make a complaint:

You may contact the Surety via telephone for information or to make a complaint at: 1-504-754-6711.

You may also write to the Surety at:

Gray Surety
P.O. Box 6202
Metairie, LA 70009-6202

You may also contact the Texas Department of Insurance to obtain information on companies, coverage, rights or complaints at 1-800-252-3439. You may write to the Texas Department of Insurance at:

P.O. Box 149104
Austin, TX 78714-9104
Fax: 512-475-1771

PREMIUM OR CLAIM DISPUTES: Should you have a dispute concerning your premium or about a claim, you should contact the Surety first. If the dispute is not resolved, you may contact the Texas Department of Insurance.

ATTACH THIS NOTICE TO YOUR POLICY: This notice is for information only and does not become part of condition of the attached document. This notice is written under a complete reservation of rights. Nothing herein shall be deemed to be an estoppel, waiver or modification of any of Gray's rights or defenses, and Gray hereby reserves all of its rights and defenses under any general agreement of indemnity, contracts, agreements, bonds, or applicable law.

**FILED AND RECORDED
OFFICIAL PUBLIC RECORDS**

Laura Richard, County Clerk

Fort Bend County Texas

September 15, 2022 03:26:58 PM

FEE: \$0.00

DP2

2022119235



A:\1704\1801\Fort Bend County Standard\Fort Bend County Standard\Fort Bend County Standard\CONSTRUCTION\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 |
| SUBGRADE | 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

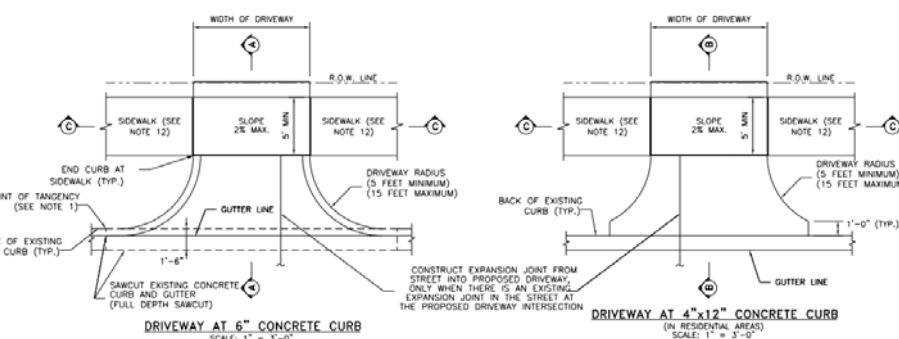


CONSULTANT LOGO (LAYER "C-NON-PRINT")

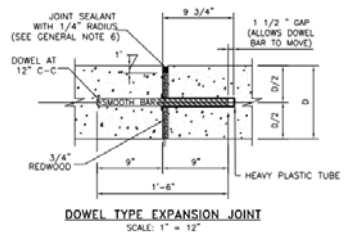
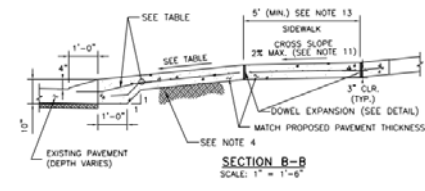
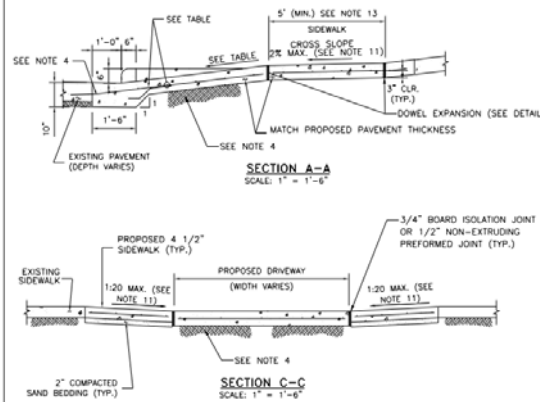
FOR INTERIM REVIEW ONLY
DOCUMENT COMPLETE
NOT IN READY FOR CONSTRUCTION
REINFORCEMENT BARBERS
(LAYER "C-NON-PRINT")
P.E. SERIAL NO.
DATE:

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

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- 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 |
| | 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 |
| SUBGRADE | 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 COMPLETE
NOT IN READY FOR CONSTRUCTION
REINFORCEMENT BARBERS
(LAYER "C-NON-PRINT")
P.E. SERIAL NO.
DATE:

| PROJECT TITLE | DATE | FRID 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 |
| 2 | | | |
| 3 | | | |
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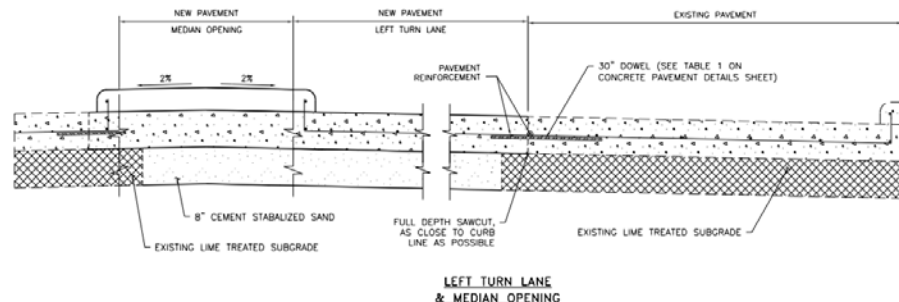
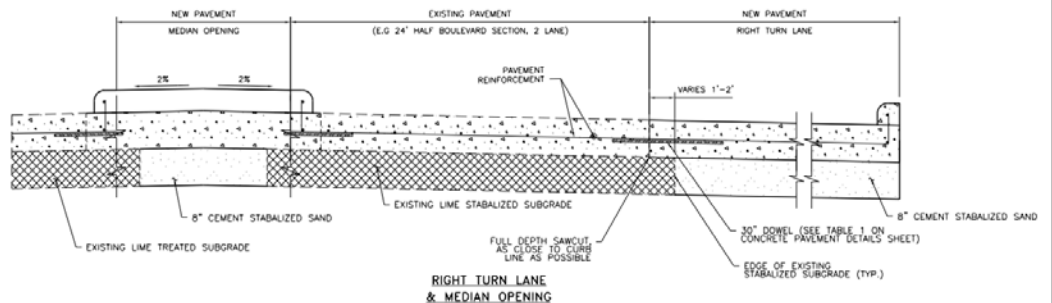
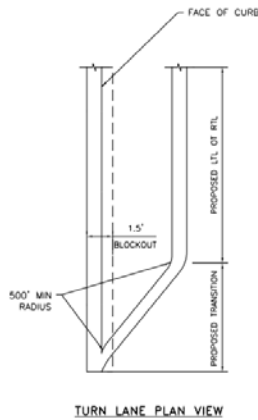
FORT BEND COUNTY
ENGINEERING DEPARTMENT



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(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 | |
| | AS NOTED | |
| | DATE | |
| | APPROVED BY: | |
| | 2-1-21 | |
| | | SHEET NO. # / # |



NOTES

- 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



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BEHIND THE SCENES
(LAYER "C-NON-PRINT")
P.E. SERIAL No.
DATE:

| PROJECT TITLE | DRAWN BY | FRONT STANDARD |
|-----------------------------------|--------------|-----------------|
| TURN LANE & MEDIAN OPENING DETAIL | NOT | |
| | DATE | |
| | AS NOTED | |
| | DATE | |
| | APPROVED BY: | |
| | 2-1-21 | |
| | | SHEET NO. # / # |



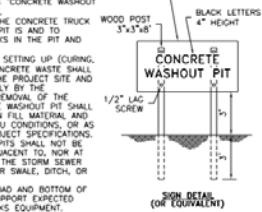
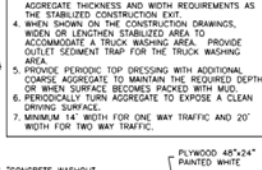
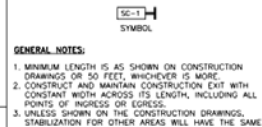
- A. TYPES OF FILTER DAMS**
1. TYPE 1 (NON-REINFORCED)
 - a. HEIGHT - 18-24 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - b. TOP WIDTH - 2 FEET (MINIMUM).
 - c. SLOPES - 2:1 (MAXIMUM).
 2. TYPE 2 (REINFORCED)
 - a. HEIGHT - 18-36 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - b. TOP WIDTH - 2 FEET (MINIMUM).
 - c. SLOPES - 2:1 (MAXIMUM).
 3. TYPE 3 (REINFORCED)
 - a. HEIGHT - 36-48 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - b. TOP WIDTH - 2 FEET (MINIMUM).
 - c. SLOPES - 3:1 (MAXIMUM).
 4. TYPE 4 (GABION)
 - a. HEIGHT - 30 INCHES (MINIMUM). MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - b. TOP WIDTH - 2 FEET (MINIMUM).
 5. TYPE 5. AS SHOWN ON THE PLANS.
- B. CONSTRUCT FILTER DAMS ACCORDING TO THE FOLLOWING CRITERIA UNLESS SHOWN OTHERWISE ON THE PLANS.**
1. TYPE 2 AND 3 FILTER DAMS: SECURE WITH 20 GAUGE GALVANIZED BROWN WIRE MESH WITH 1 INCH DIAMETER HEXAGONAL OPENINGS.
 2. PLACE GRANULAR FILL ON THE WIRE MESH TO HEIGHT AND SLOPES SHOWN ON PLANS OR AS SPECIFIED BY THE ENGINEER.
 - a. 3-5 INCHES FOR ROCK FILTER DAM TYPES 1, 2 AND 4.
 - b. 4-8 INCHES FOR ROCK FILTER DAM TYPE REFER TO GRANULAR FILL IN SPECIFICATION SECTION NO. 02378 RIPRAP AND GRANULAR FILL.
 3. FOLD WIRE MESH AT UPSTREAM SIDE OVER GRANULAR FILL AND TIGHTLY SECURED TO ITSELF ON THE DOWNSTREAM SIDE USING WIRE TIES OR HOOD RINGS.
 4. IN STREAMS: SECURE OR STAKE MESH TO STREAM BED PRIOR TO AGGREGATE PLACEMENT.
 5. SEE HOTOZ SPECIFICATION SECTION NO. 02364-FILTER DAMS. EMBED ONE FOOT MINIMUM INTO SLOPE AND RAISE ONE FOOT HIGHER THAN CENTER OF DEPRESSED AREA AT SLOPE.

| 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 | PROJECT TITLE: | FIXED STANDARD |
|-----------------------------|-----------------|--|
| DOCUMENT COMPLETE | DRAWING BY: RWB | STANDARD |
| NOT ISSUED FOR CONSTRUCTION | DATE: 2-1-21 | DESCRIPTION: STORM WATER POLLUTION PREVENTION PLAN DETAILS |
| (LAYER "C-NON-PRINT") | SCALE: NONE | SHEET NO. 7/7 |
| P.E. SERIAL No. DATE: | APPROVED BY: | |