



**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: 2018-21027

Applicant: Frontier Southwest Inc. dba Frontier Communications of Texas

Job Location Site: Star Lake Drive, Missouri City, TX 77459

Bond No. **Date of Bond:** 5/8/2018 **Amount:** \$50,000.00

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:
 - a. 48 hours in advance of construction start up, and
 - b. When construction is completed and ready for final inspection, submit notification to Permit Administrator thru MyGovernmentOnline.org portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

On this 12th day of June, 2018, 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 6-12-2018 Comm. Court No. 9C

N/A

By:

Drainage District Engineer/Manager

Clerk of Commissioners Court

By:

Sandra Willis
Deputy



**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: 2018-21027

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:

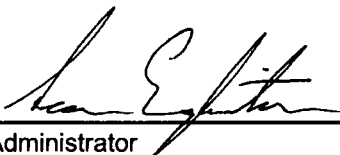
- ☐ County Attorney, approval when applicable.
- ☒ Perpetual bond currently posted. Bond No: [REDACTED] Amount: \$50,000.00
- ☐ Performance bond submitted. Bond No: _____ Amount: _____
- ☐ Cashier's Check Check No: _____ Amount: _____

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

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



Permit Administrator

6/1/2018

Date



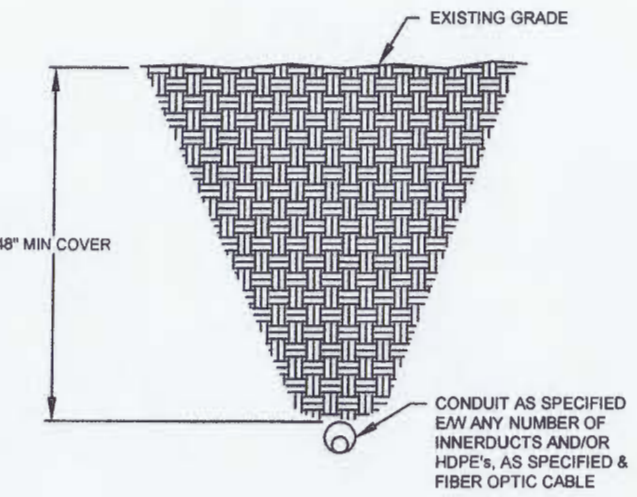
STAR LAKE DRIVE
MISSOURI CITY, TX

DATE: 5/21/18

TYPICAL DETAIL "A"
CROSS SECTION OF PROPOSED HDPE



TYPICAL DETAIL "B"
DIRECTIONAL BORE CROSS SECTION FOR CONDUIT



Frontier
COMMUNICATIONS

PROJECT: _____
MISSOURI CITY, TX
STAR LAKE DR

TEO, LLC
5510 Community DRIVE
Houston, Texas
77005
281-536-5123 OFFICE
713-668-6334 FAX
teollo@gmail.com
FIRM # F-8978



5.22-18

Frontier
COMMUNICATIONS

STAR LAKE DR
MISSOURI CITY, TX

DATE: 5/21/18
ENGINEER:
DRAWN BY: G.F.S. (CLR)

REVISIONS			
No.	DATE	DESCRIPTION	BY

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MC COMMUNICATIONS SERVICES INC. BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE
HORIZONTAL: 1"= 50'
VERTICAL: 1"= N/A

MP _____ TO MP _____
SHEET 2 OF 7
FILE:



CALL BEFORE YOU DIG
1-800-545-6005
48 HOURS NOTICE REQUIRED

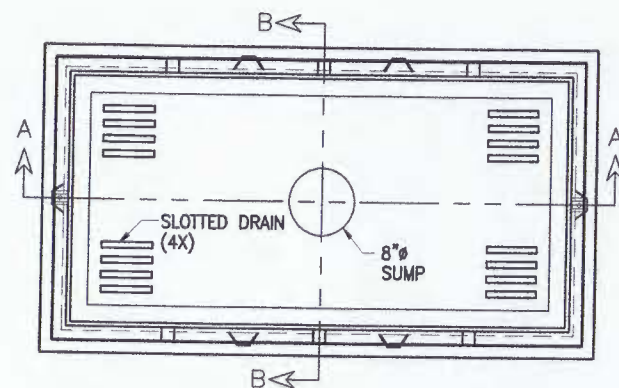
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RIGHT OF WAY LINES WERE ESTABLISHED BY RESEARCH OF PUBLIC INFORMATION. NO BOUNDARY SURVEY OR PROPERTY LINE SURVEY WAS ESTABLISHED BY GOLDEN FIELD SERVICES, INC.. RIGHT OF WAY BOUNDARY MUST BE FIELD VERIFIED BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO ACCURATELY VERIFY RIGHT OF WAY AND PROPERTY LINES PRIOR TO CONSTRUCTION.

STANDARD HANDHOLE DETAILS

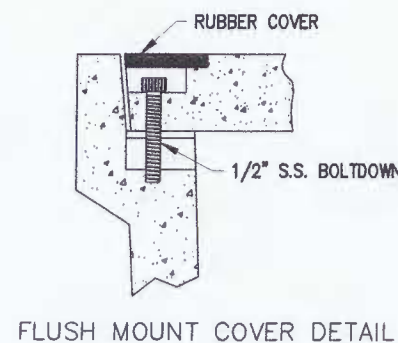
DETAIL "A"

LOCKING DEVICE
CROSS SECTION



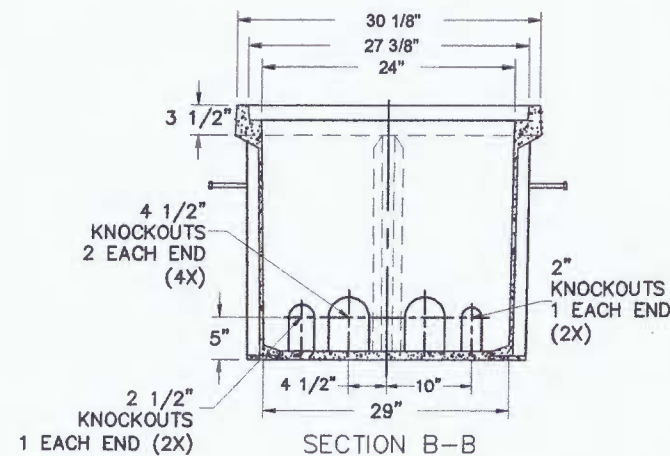
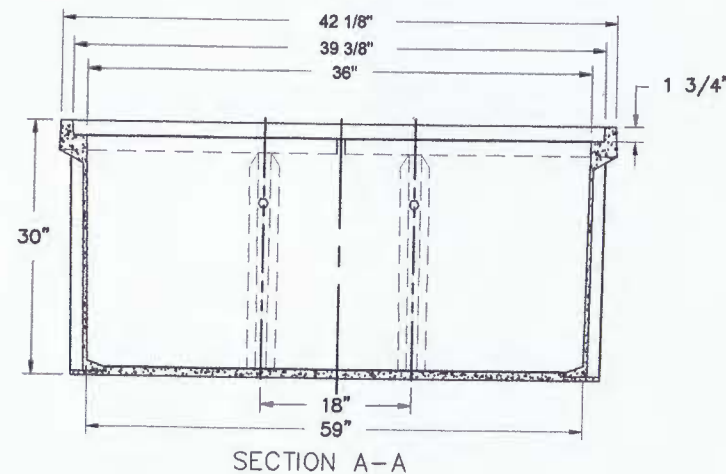
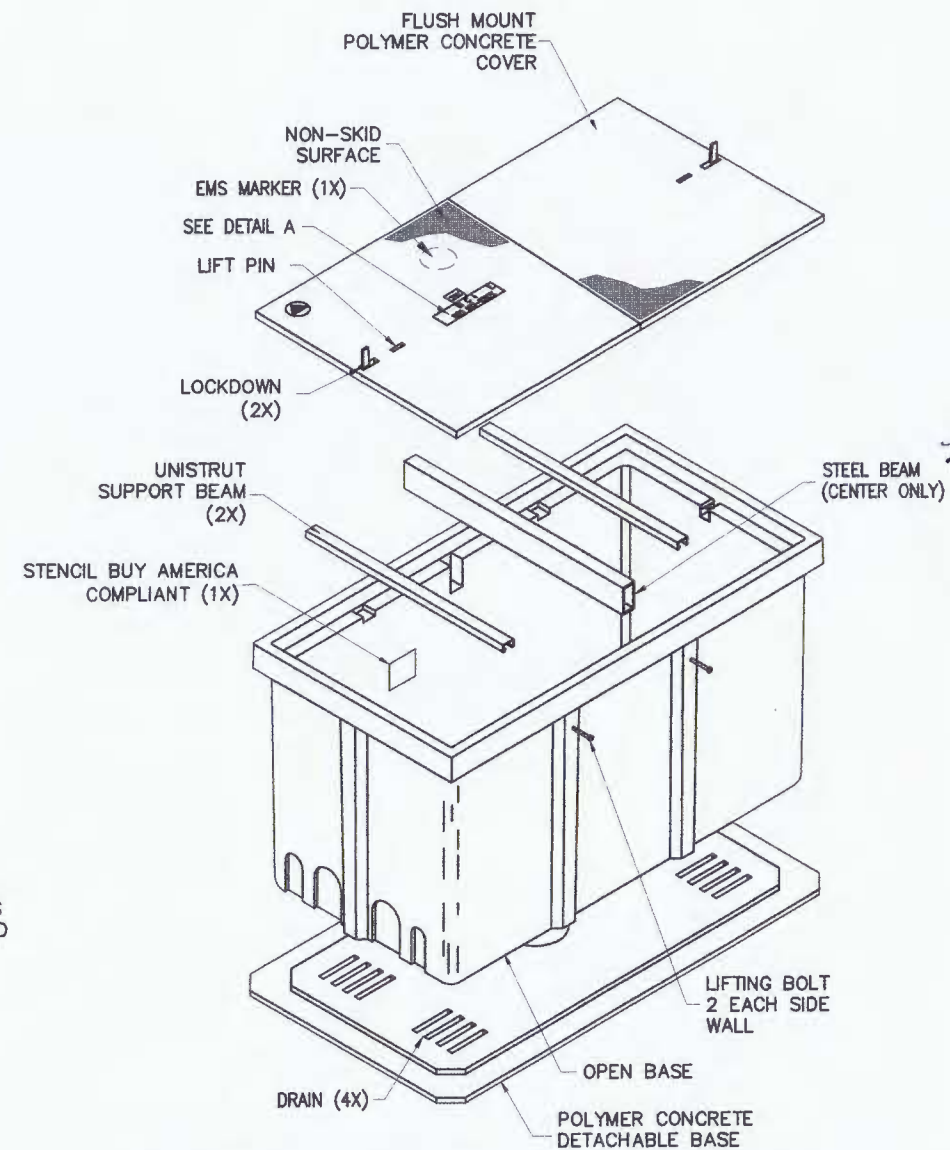
DETAIL "B"

FLUSH MOUNT
COVER DETAIL



DETAIL "C"

EXPLODED ISOMETRIC DETAIL



SEALED PLASTIC BAG PLACED INSIDE VAULT TO CONTAIN

ITEM	QTY	
1	(1)	JOHNNY LOCK KEY
2	(2)	S.S. JOHNNY BOLTS W/FLAT WASHER.
3		SHRINK WRAP COVERS TO FRAME FOR PACKAGING.

30K STANDARD HANDHOLE
24"X36"X30" POLYMER CONCRETE FLUSH MOUNT ASSEMBLY
MEETS SCTE/ANSI 77-TIER 22 LOADING CRITERIA
ADDITIONAL REQUIREMENTS:
DESIGNED LOAD: 30,000 LBS
MINIMUM FAILURE LOAD: 45,000 LBS

Frontier
COMMUNICATIONS

PROJECT:

MISSOURI CITY, TX

STAR LAKE DR

TEO, LLC
5510 Community DRIVE
Houston, Texas
77005
281-536-5123 OFFICE
713-668-6334 FAX
teo@teolc.com
FIRM # F-8978



Frontier
COMMUNICATIONS

STAR LAKE DR
MISSOURI CITY, TX

DATE: 5/21/18

ENGINEER:

DRAWN BY: G.F.S. (CLR)

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SCALE

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VERTICAL: 1"= N/A

MP TO MP

SHEET 3 OF 7

FILE:



5-22-18

DATE: 5/21/18

ENGINEER:

DRAWN BY: G.F.S. (CLR)

REVISIONS

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MP TO MP

SHEET 4 OF 7

FILE:

LEGEND			
	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed *	Formula	Minimum Desirable Taper Lengths **			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "x"	Suggested Longitudinal Buffer Space "B"
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent		
30	$L = \frac{WS^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45		450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55	$L = WS$	550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

* Conventional Roads Only

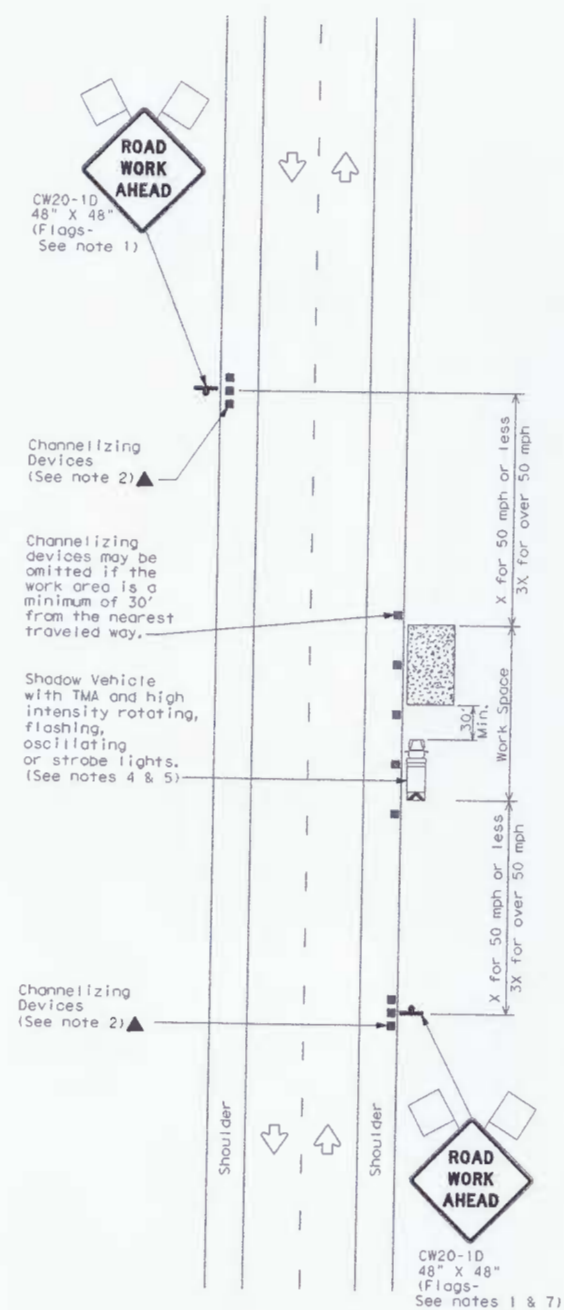
** Taper lengths have been rounded off.

L=Length of Taper (FT) W=Width of Offset (FT) S=Posted Speed (MPH)

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	✓	✓		

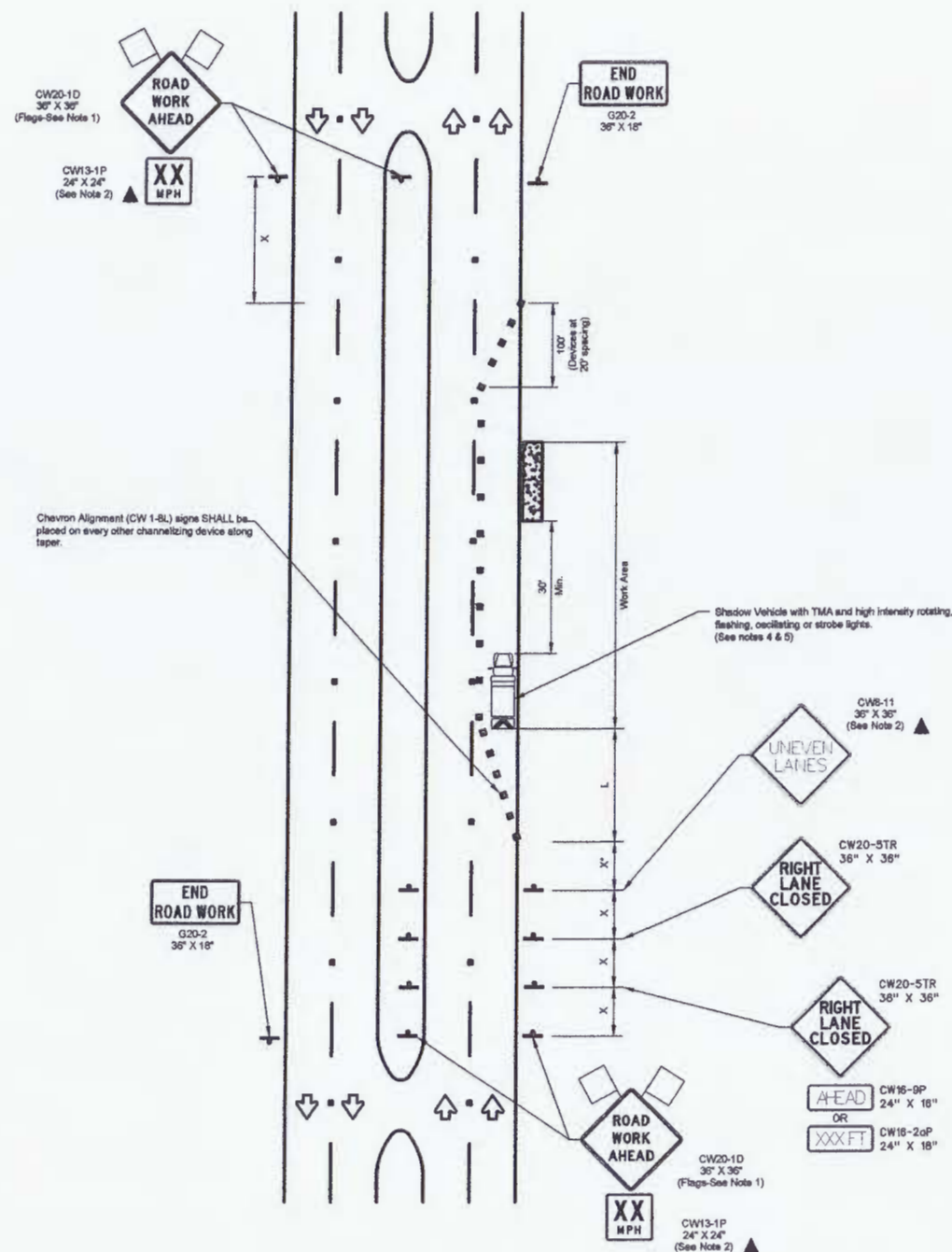
GENERAL NOTES

- Flags attached to signs where shown are REQUIRED.
- All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
- Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
- A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
- Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
- See TCP(5-1) for shoulder work on divided highways, expressways and freeways.
- CW21-5 "SHOULDER WORK" signs may be used in place of CW20-1D "ROAD WORK AHEAD" signs for shoulder work on conventional roadways.



TCP (1-1a)

WORK SPACE NEAR SHOULDER
Conventional Roads



RIGHT LANE CLOSURE (4 LANE BOULEVARD ROAD)

MISSOURI CITY, TX
FORT BEND COUNTY



Frontier
COMMUNICATIONS

PROJECT:
MISSOURI CITY, TX
STAR LAKE DR

TEO, LLC
5510 Community Drive
Houston, Texas 77005
281-536-5123 OFFICE
713-668-6334 FAX
teo@teolc.com
FIRM # F-8978



Frontier
COMMUNICATIONS

STAR LAKE DR
MISSOURI CITY, TX

DATE: 5/21/18
ENGINEER:
DRAWN BY: G.F.S. (CLR)

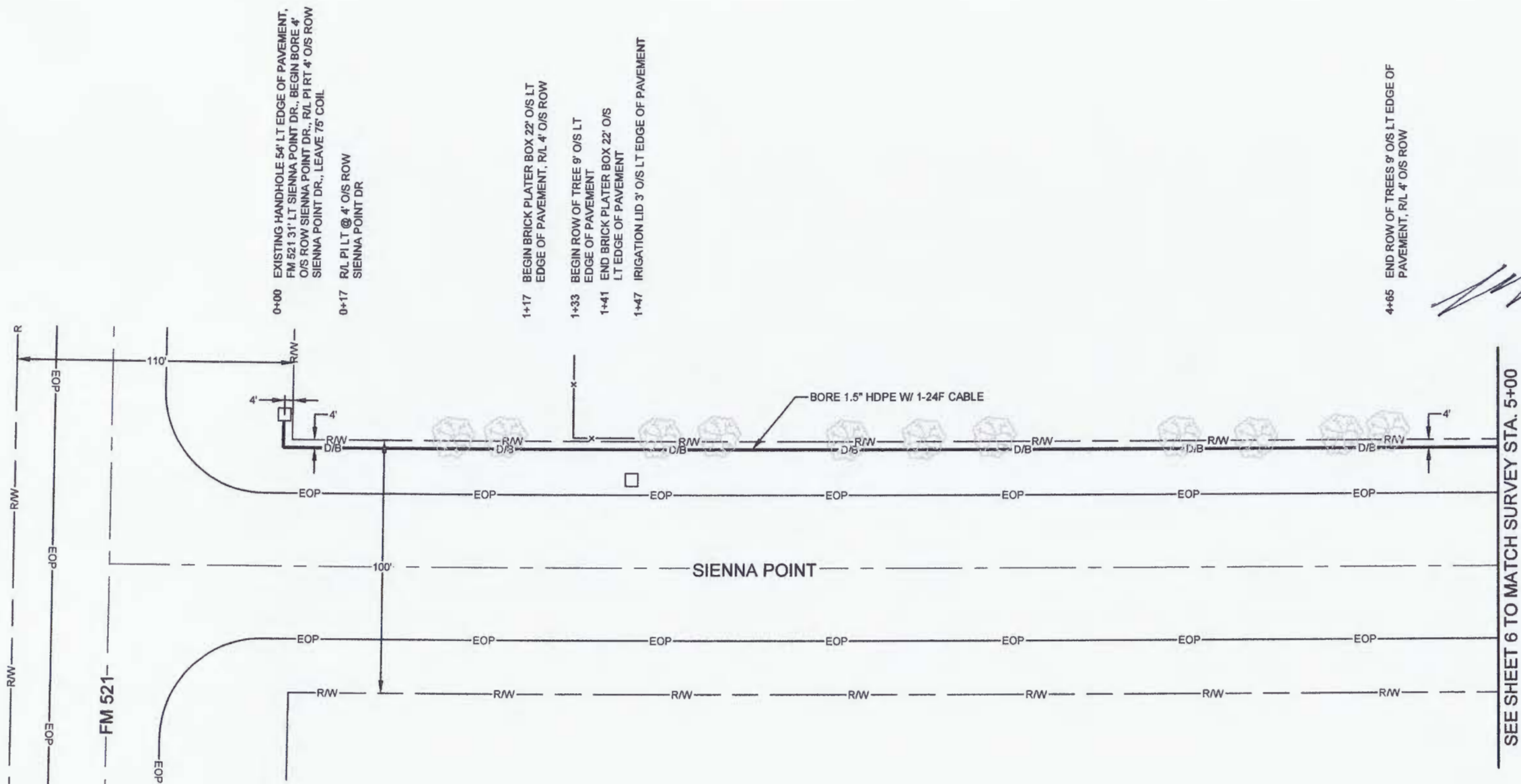
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SCALE

HORIZONTAL: 1"= 50'
VERTICAL: 1"= N/A

MP _____ TO MP _____
SHEET 5 OF 7
FILE:



0+00 EXISTING HANDHOLE 54' LT EDGE OF PAVEMENT, FM 521 31' LT SIENNA POINT DR., BEGIN BORE 4' O/S ROW SIENNA POINT DR., R/L P1 RT 4' O/S ROW SIENNA POINT DR., LEAVE 75' COIL
0+17 R/L P1 LT @ 4' O/S ROW SIENNA POINT DR.
1+17 BEGIN BRICK PLATER BOX 22' O/S LT EDGE OF PAVEMENT, R/L 4' O/S ROW
1+33 BEGIN ROW OF TREE 9' O/S LT EDGE OF PAVEMENT
1+41 END BRICK PLATER BOX 22' O/S LT EDGE OF PAVEMENT
1+47 IRRIGATION LID 3' O/S LT EDGE OF PAVEMENT
4+65 END ROW OF TREES 9' O/S LT EDGE OF PAVEMENT, R/L 4' O/S ROW

Handwritten signature and date: 5-22-18



CALL BEFORE YOU DIG
1-800-545-6005
48 HOURS NOTICE REQUIRED

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MISSOURI CITY, TX
FORT BEND COUNTY

NORTH

Frontier
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STAR LAKE DR

TEO, LLC
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Houston, Texas
77005
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Frontier
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STAR LAKE DR
MISSOURI CITY, TX

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MP TO MP

SHEET 6 OF 7

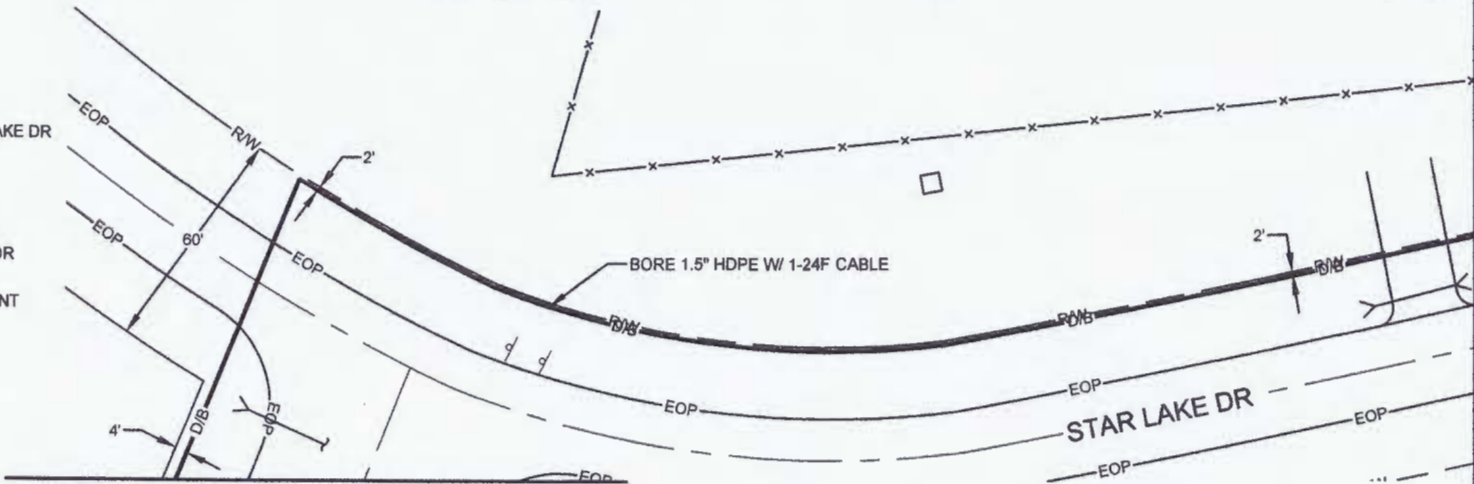
FILE:

- 5+67 R/L PI RT @ 18' O/S LT EDGE OF PAVEMENT STAR LAKE DR
5+50 EDGE OF PAVEMENT STAR LAKE DR
5+38 CENTERLINE
5+23 EDGE OF PAVEMENT ROAD CROSSING STAR LAKE DR
5+07 CENTERLINE CULVERT 10' O/S LT EDGE OF PAVEMENT

SEE SHEET 5 TO MATCH SURVEY STA. 5+00

SEE SHEET 7 TO MATCH SURVEY STA. 9+00

- 6+13 CENTERLINE SIENNA POINT DR, R/L 2' O/S ROW
6+25 BEGIN PROPERTY FENCE 48' O/S LT EDGE OF PAVEMENT, R/L 2' O/S ROW
6+28 SIGN 4' O/S LT EDGE OF PAVEMENT
6+35 SIGN 4' O/S LT EDGE OF PAVEMENT
7+43 IRRIGATION LID 61' LT EDGE OF PAVEMENT, FENCE 73' LT EDGE OF PAVEMENT
8+63 EDGE OF CONCRETE DRIVE, CULVERT 13' O/S EDGE OF PAVEMENT
8+78 EDGE OF CONCRETE DRIVE, CULVERT 13' O/S LT EDGE OF PAVEMENT, R/L 2' O/S ROW



ALL O/S EOP



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MISSOURI CITY, TX
FORT BEND COUNTY



Frontier
COMMUNICATIONS

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Frontier
COMMUNICATIONS

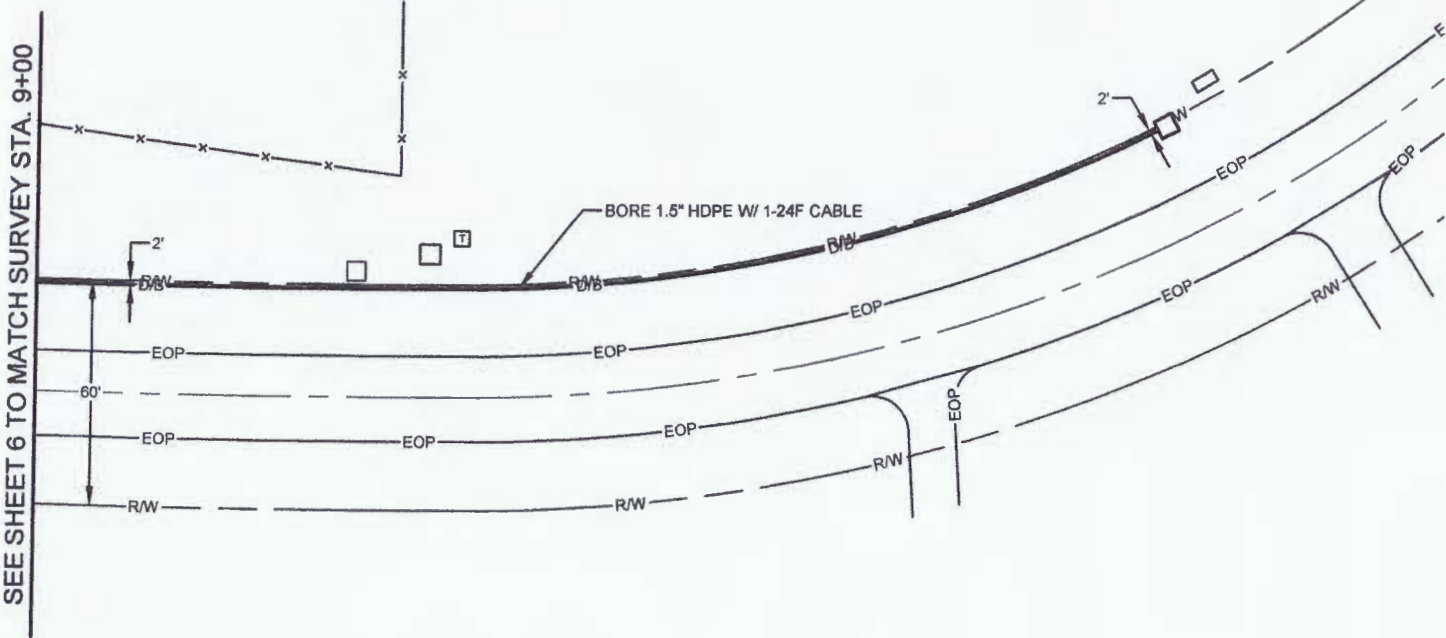
STAR LAKE DR
MISSOURI CITY, TX

DATE: 5/21/18
ENGINEER: _____
DRAWN BY: G.F.S. (CLR)
REVISIONS

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MP _____ TO MP _____
SHEET 7 OF 7
FILE: _____



9+94 GTE MARKER & HANDHOLE 20' O/S LT EDGE OF PAVEMENT
9+98 END FENCE 48' O/S LT EDGE OF PAVEMENT
10+04 TRANSFORMER 27' O/S LT EDGE OF PAVEMENT
10+08 COME PED 31' O/S LT EOP, R/L 2' O/S ROW

12+00 PLACE 2X3 HANDHOLE 2' O/S ROW
12+12 CROSS BOX 22' O/S LT EDGE OF PAVEMENT

SEE SHEET 6 TO MATCH SURVEY STA. 9+00

ALL O/S EOP



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