



**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: 2017-17488

Applicant: AT&T Texas/Black & Veatch

Job Location Site: 16202 Paso Dobble Drive, Houston, TX 77083

Bond No. **Date of Bond:** 11/28/2017 **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 inconsistant 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 2nd day of January, 2018, Upon Motion of Commissioner Meyers, seconded by Commissioner Patterson, 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: Charles O. Ay

Date Recorded 1-4-2018 Comm. Court No. 12F

pn County Engineer

Clerk of Commissioners Court

N/A

By: _____

By: Ronda Wilho
Deputy

Drainage District Engineer/Manager



**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: 2017-17488

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: \$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.

Charles O. Ay

Permit Administrator

12/19/2017

Date

FORT BEND COUNTY NOTIFICATION

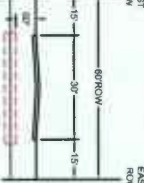
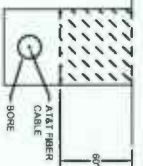


BLACK & VEATCH

DESIGN ENGINEER CONTACT:
CHRISTOPHER ZUCK
BLACK & VEATCH
(913) 459-2388
ZUCKC@BV.COM

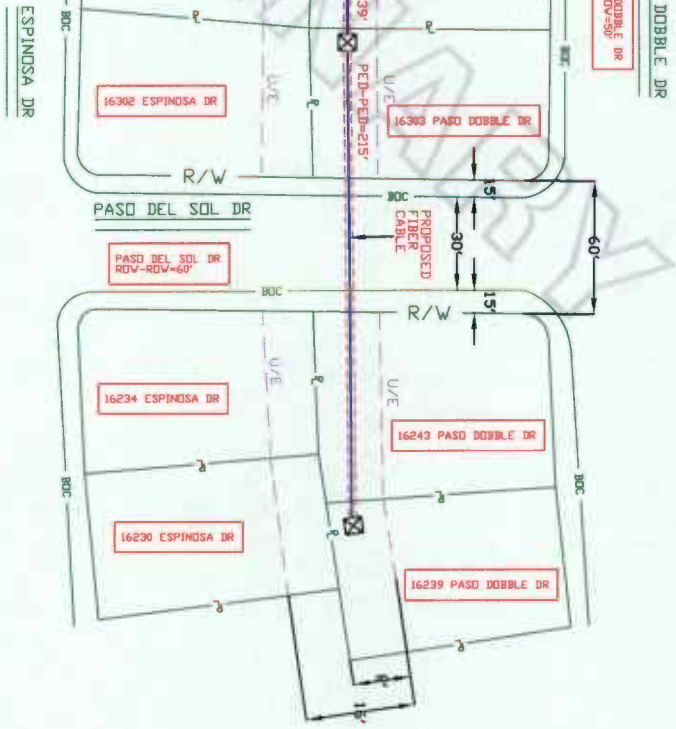
FORT BEND COUNTY
PERMIT
SHOWN ON PRINT

DESIGN SUMMARY:
-BORE 215' EAST FROM PED
TO PED.



PASO DEL SOL DR
FACING NORTH

NTS



Not for use or disclosure outside the NTS. Computer except under written agreement.

SPECIAL CIRCUITS	N
6203 FORWARDED	N
PERMIT REQUIRED	Y

NORTH ARROW

OPERATING RANGE OF JOB STEPS
TASK _____ TO _____
MERC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE 11803
CAUTION HIGH VOLTAGE BURIED Y
AV 0.00 AEMV H

HIGHWAY PERMIT NO.
UTILITY CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

UTILITY CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

PROJECT NO 400X88V
TOT PRINTS 0 PRINT NO. 102
NPA/NNX: 281-498 PRT: 281498
EXCH. ALIF

TAX DST. FG113
GEO LOC. V85498
ENGR. RH DRAWN/P
TELEPHONE NO. (281) 224-8741
REC. REF.

MAP REF. 327K
SCALE 10E
ISSUE DATE
PROJ TITLE LIGHTING-11803-B-DIST-4F
REV. NUMBER
DATE REV.

FORT BEND COUNTY NOTIFICATION

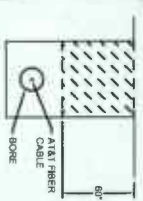


BLACK & VEATCH

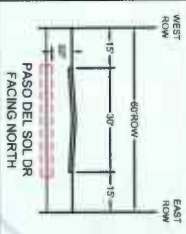
DESIGN ENGINEER CONTACT:
 CHRISTOPHER ZUCK
 BLACK & VEATCH
 (913) 456-2388
 ZUCKC@BV.COM

FORT BEND COUNTY
 PERMIT
 SHOWN ON PRINT

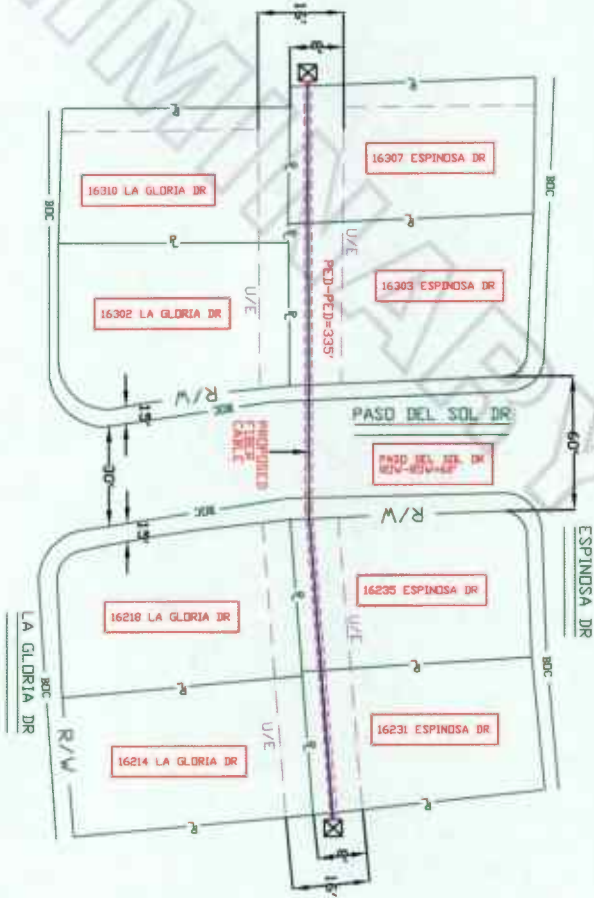
DESIGN SUMMARY:
 BORE 335' EAST FROM PED
 TO PED.



SCALE DETAIL NTS



NTS



Not for use or disclosure outside the A/E's company except under written agreement.

SPECIAL CIRCUITS:

FORWARDED PERMIT REQUIRED:

OPERATING RANGE OF JOB STEPS: TASK _____ TO _____

MTRC

TRANSMISSION ZONE: RZ CZ TAPER CODE: 1181B

CAUTION HIGH VOLTAGE BURNED

UTILITY CO: _____

REP NAME: _____

REP TEL NO: _____

POLE CONTRACTS (+) 0 (-) 0

UTILITY CO: _____

REP NAME: _____

REP TEL NO: _____

POLE CONTRACTS (+) 0 (-) 0

PROJECT NO: A00X381

TOT PRINTS: 0 PRINT NO. 103

NPA/NNX: 281-498 PRI: 281-498

EXCH: ALTE

TAX DIST: F0113

GEO LOC: 065498

ENGR. BY: DRAWN BY

TELEPHONE NO. (281) 224-8741

REC. REF. MAP REF. 27X SCALE 1/8"=1'

ISSUE DATE

PROJ TITLE: 1181B-D-335-AF

REV. NUMBER

DATE REV.



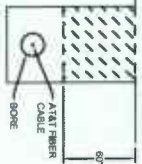


BLACK & VEATCH

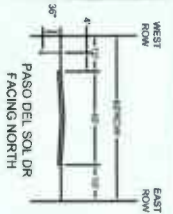
DESIGN ENGINEER CONTACT:
CHRISTOPHER ZUCK
BLACK & VEATCH
(913) 458-2388
ZUCKC@BV.COM

FORT BEND COUNTY
PERMIT
SHOWN ON PRINT

DESIGN SUMMARY:
-BORE 290' SOUTH FROM
PI TO PI
-BORE 130' WEST FROM
HANDHOLE TO PED.
-BORE 123' NORTH FROM
PED TO PI
-BORE 181' EAST FROM PI TO PI
-BORE 110' NORTH FROM PI TO
HANDHOLE



BORE DETAIL NTS

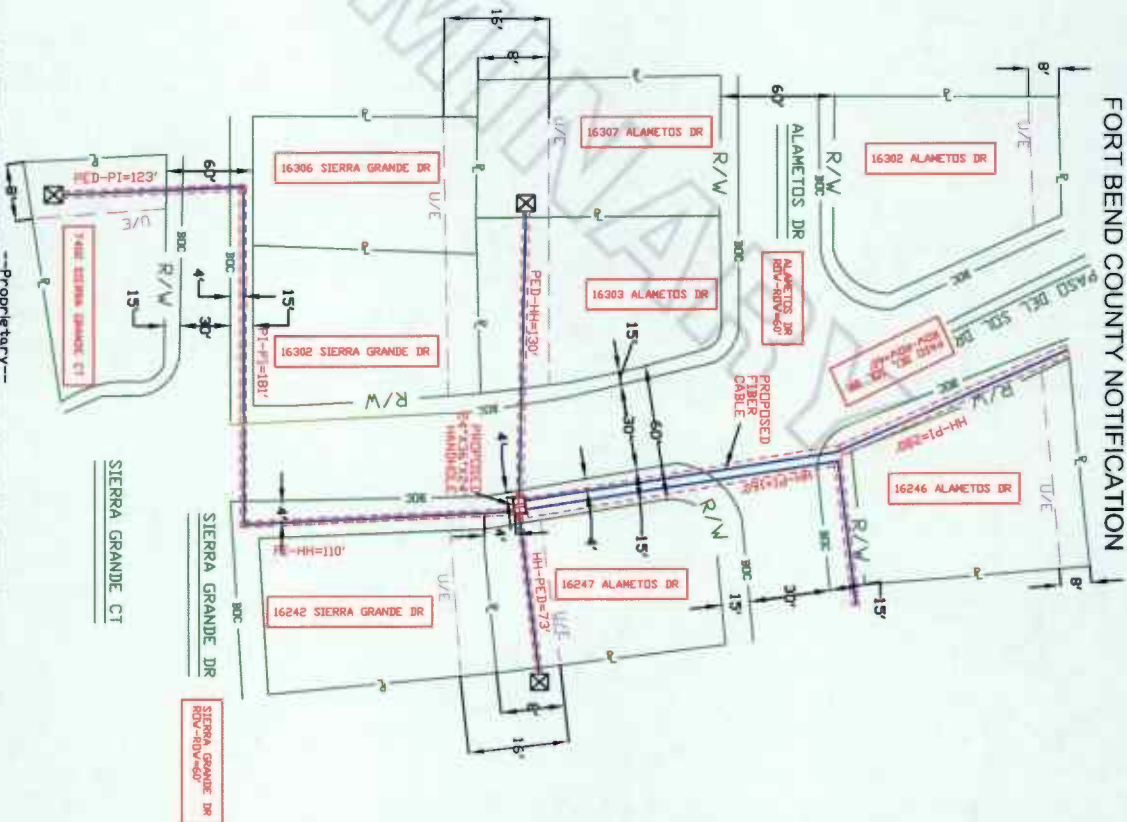


TYPICAL CROSS-SECTION NTS



TYPICAL CROSS-SECTION NTS

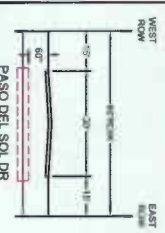
FORT BEND COUNTY NOTIFICATION



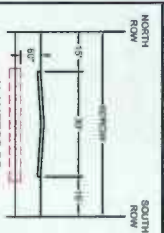
Not for use or disclosure outside the A/E/C's computer except under written agreement.



TYPICAL CROSS-SECTION NTS



TYPICAL CROSS-SECTION NTS



TYPICAL CROSS-SECTION NTS

SPECIAL CIRCUITS

6203 FORWARDED

PERMIT REQUIRED

NORTH ARROW

OPERATING RANGE OF JOB STEPS
TASK _____ TO _____

MERC TRANSMISSION ZONE
RZ 2 CZ 1 TAPER CODE 11803
CAUTION HIGH VOLTAGE
KV 150 XEHW 8 BURIED Y
HIGHWAY PERMIT NO.

UTILITY CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 3

UTILITY CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

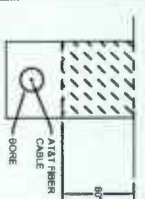
PROJECT NO A00288V
TOT PRINTS 0 PRINT NO. 104
NPA/NNX: 281-498 PRT:281/498
EXCH. ALIF
TAX DIST. F0113
GEO LOC. W65498
ENGR. 81 DRAWN/P
TELEPHONE NO. (281) 224-8741
REC. REF.
MAP REF. 327K
SCALE 1/8\"/>
ISSUE DATE
PROJ TITLE 11803B-01S1-AF
REV. NUMBER
DATE REV.



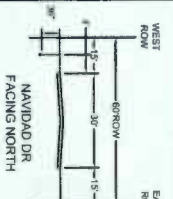
BLACK & VEATCH

DESIGN ENGINEER CONTACT:
CHRISTOPHER ZUCK
BLACK & VEATCH
(913) 459-2388
ZUCKC@BV.COM

FORT BEND COUNTY
PERMIT
SHOWN ON PRINT
DESIGN SUMMARY:
-BORE 282' NORTH-FROM
HANDHOLE TO PI.



BORE DETAIL NTS

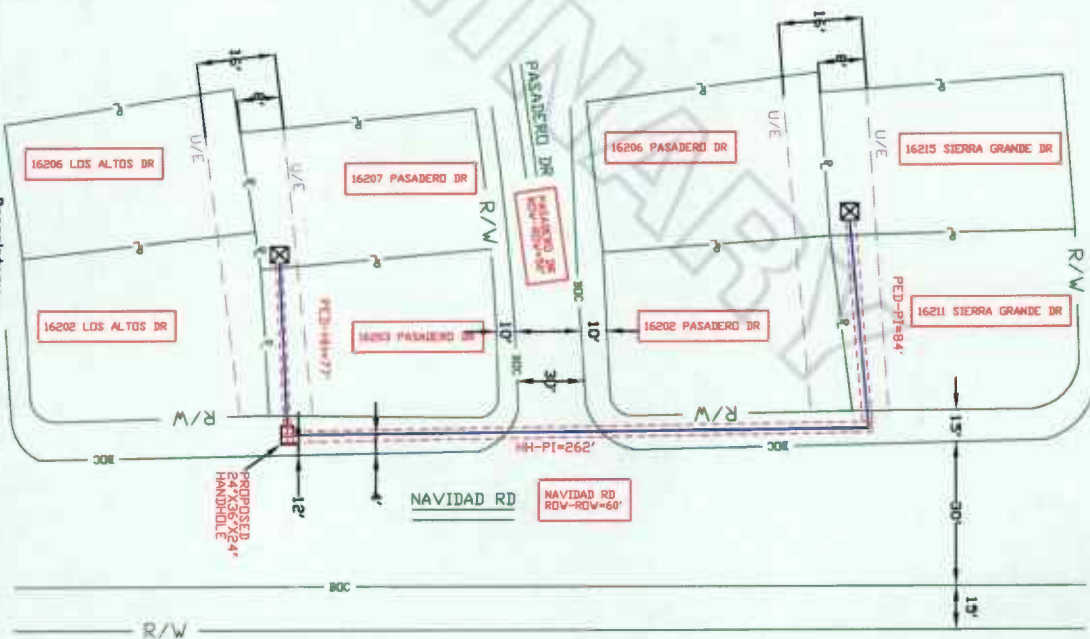


NAVIDAD DR FACING NORTH NTS



TYPICAL CROSS-SECTION NTS

FORT BEND COUNTY NOTIFICATION



Not for use or disclosure outside the BV companies except under written agreement.

SPECIAL CIRCUITS

SCS3 FORWARDED

PLANT REQUIRED

OPERATING RANGE OF JOB STEPS

TASK _____ TO _____

MFR

TRANSMISSION ZONE

RZ 0 TAPER CODE 1000

CAUTION HIGH VOLTAGE

KV 0.00

HIGHWAY PERMIT NO.

UTILITY CO

REP NAME

REP TEL NO.

POLE CONTRACTS (+) 0 (-) 0

UTILITY CO

REP NAME

REP TEL NO.

POLE CONTRACTS (+) 0 (-) 0

UTILITY CO

REP NAME

REP TEL NO.

POLE CONTRACTS (+) 0 (-) 0

PROJECT NO A00X88Y

TOT. PRINTS 0 PRINT NO. 105

NPA/NNX: 201-498 PRI: 201498

EXCH. ALIT

TAX DIST. F0113

GEO LOC. W65498

ENGR. 201 DRAWN/P

TELEPHONE NO. (281) 224-8741

REC. REF.

MAP REF. 527L

SCALE NONE

ISSUE DATE

PROJ TITLE L1081016-11901E-0157-4

REV. NUMBER

DATE REV.



FORT BEND COUNTY NOTIFICATION

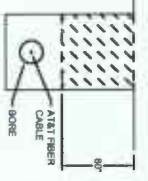


BLACK & VEATCH

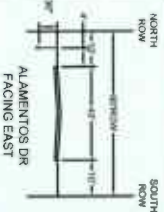
DESIGN ENGINEER CONTACT:
 CHRISTOPHER ZUCK
 BLACK & VEATCH
 (913) 456-2368
 ZUCKC@BV.COM

FORT BEND COUNTY
 PERMIT
 SHOWN ON PRINT

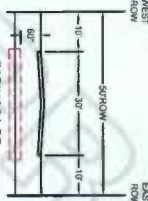
DESIGN SUMMARY:
 -BORE 55' SOUTHWEST FROM
 P-PI



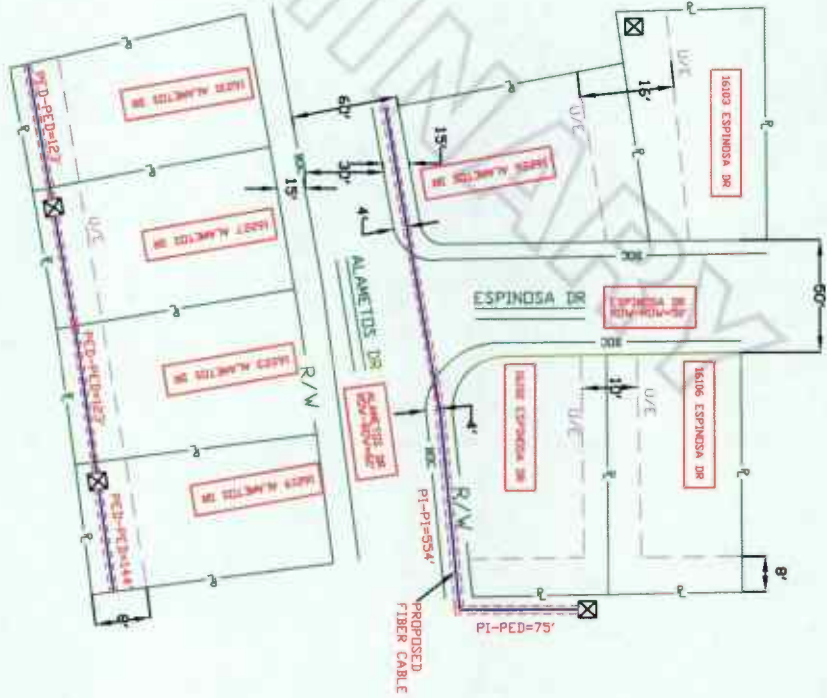
BORE DETAIL NTS



TYPICAL CROSS-SECTION NTS



TYPICAL CROSS-SECTION NTS



---Proprietary---
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SPECIAL CIRCUITS	<input type="checkbox"/>
6203 FORWARDED	<input checked="" type="checkbox"/>
PERMIT REQUIRED	<input checked="" type="checkbox"/>

NORTH ARROW

OPERATING RANGE OF JOB STEPS
 TASK _____ TO _____

MTRC
 TRANSMISSION ZONE
 RZ 0 CZ 0 TAPER CODE 11811
 CAUTION HIGH VOLTAGE BURIED
 KY 3.00
 HIGHWAY PERMIT NO.

Utility CO
 REP NAME
 REP TEL NO.
 POLE CONTACTS (+) 0 (-) 0

Utility CO
 REP NAME
 REP TEL NO.
 POLE CONTACTS (+) 0 (-) 0

PROJECT NO A00X88V

TOT PRINTS 0 PRINT NO. 106
 NPA/NNX: 201-98 PRT:201498
 EXCH. ALLET
 TAX DIST. F0113
 GEO LOC. W65498
 ENGR. RH DRAWN: P
 TELEPHONE NO. (281) 224-8741
 REC. REF.
 MAP REF. 527K
 SCALE NONE
 ISSUE DATE
 PROJ TITLE L1191101G-1180L-B-DIST-AF
 REV. NUMBER
 DATE REV.

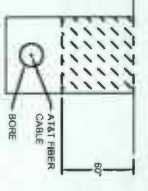


BLACK & VEATCH

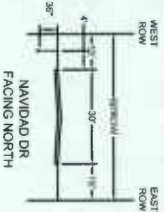
DESIGN ENGINEER CONTACT:
CHRISTOPHER ZUCK
BLACK & VEATCH
(913) 458-2688
ZUCKC@BV.COM

FORT BEND COUNTY
PERMIT
SHOWN ON PRINT

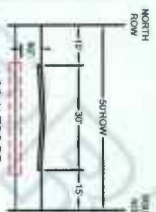
DESIGN SUMMARY:
-BORE 280 SOUTH FROM
HANDHOLE TO HANDHOLE
-BORE 413 NORTHEAST FROM
PEDESTAL TO HANDHOLE.



SCHEMATIC DETAIL NTS

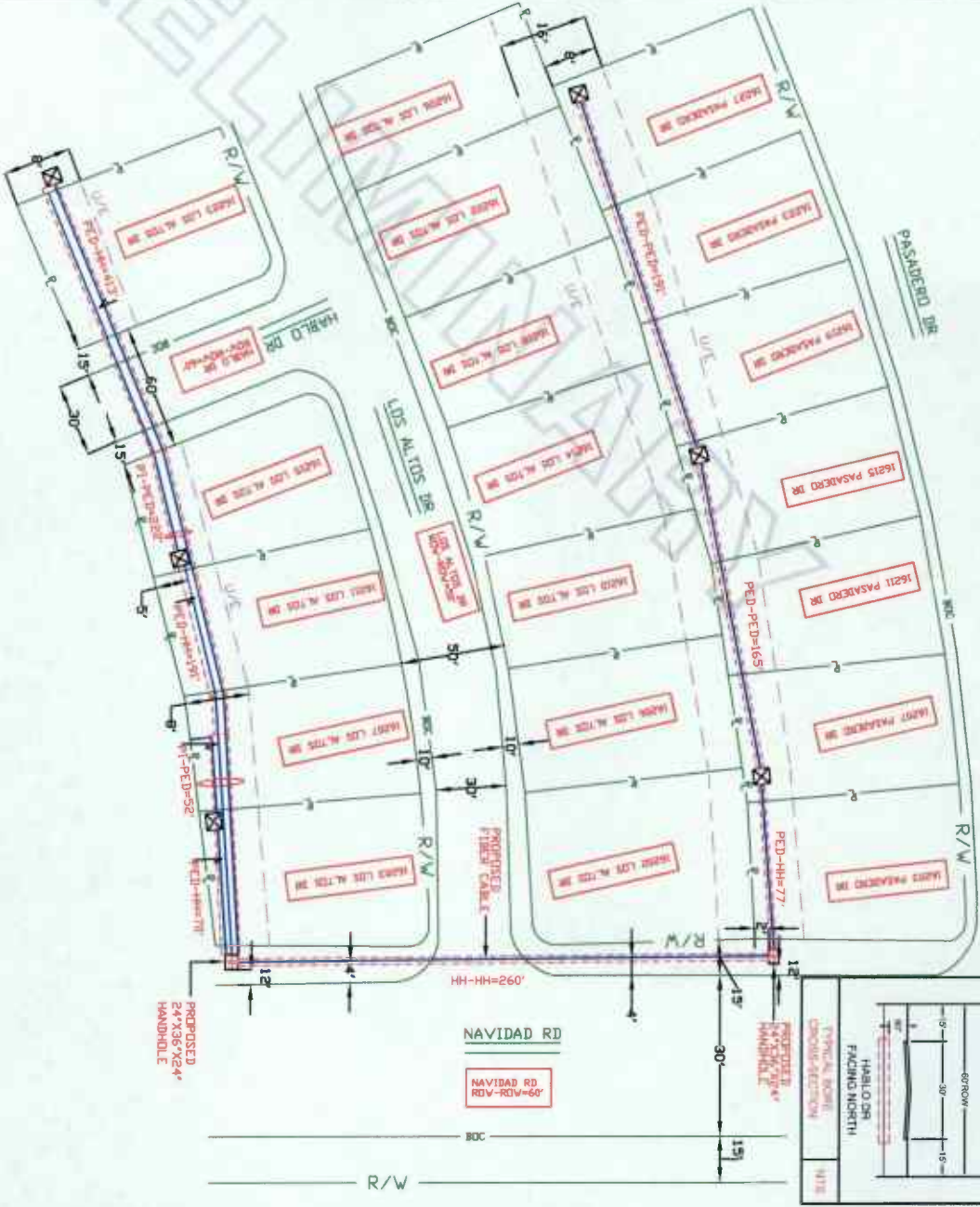


TYPICAL CROSS-SECTION NTS

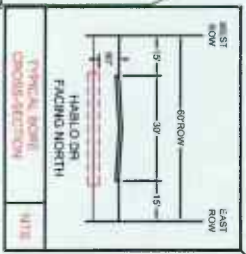


TYPICAL CROSS-SECTION NTS

FORT BEND COUNTY NOTIFICATION



Not for use or disclosure outside the A/E's companies except under written agreement.



OPERATING RANGE OF JOB STEPS
TASK _____ TO _____

MTRC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE 11803

CAUTION HIGH VOLTAGE BORED

KV 0.00 APM, N

HIGHWAY PERMIT NO.

UTILITY CO REP NAME REP TEL NO. POLE CONTACTS (+) 0 (-) 0

UTILITY CO REP NAME REP TEL NO. POLE CONTACTS (+) 0 (-) 0

UTILITY CO REP NAME REP TEL NO. POLE CONTACTS (+) 0 (-) 0

UTILITY CO REP NAME REP TEL NO. POLE CONTACTS (+) 0 (-) 0

PROJECT NO A00X08V

TOT PRINTS 0 PRINT NO. 107

NPA/NNX: 281-498 PRI: 281-498

EXCH. ALIET

TAX DIST. F.0113

GEN LOC. 068498

ENGR. RA DRANNAP

TELEPHONE NO. (281) 224-9741

REC. REF. MAP REF. 327K 327L

SCALE N/E

ISSUE DATE

PROJ. TITLE LIGHTING-11803-91ST-4F

REV. NUMBER

DATE REV.

TRAFFIC CONTROL PLAN SECTION SHALL BE COMPLETED BY ENGINEER

ROADWAY	POSTED FIELD	TAPER LENGTH	CHANGING DEVICES	SPACING	SPREAD	SPREAD	SPREAD

LEGEND

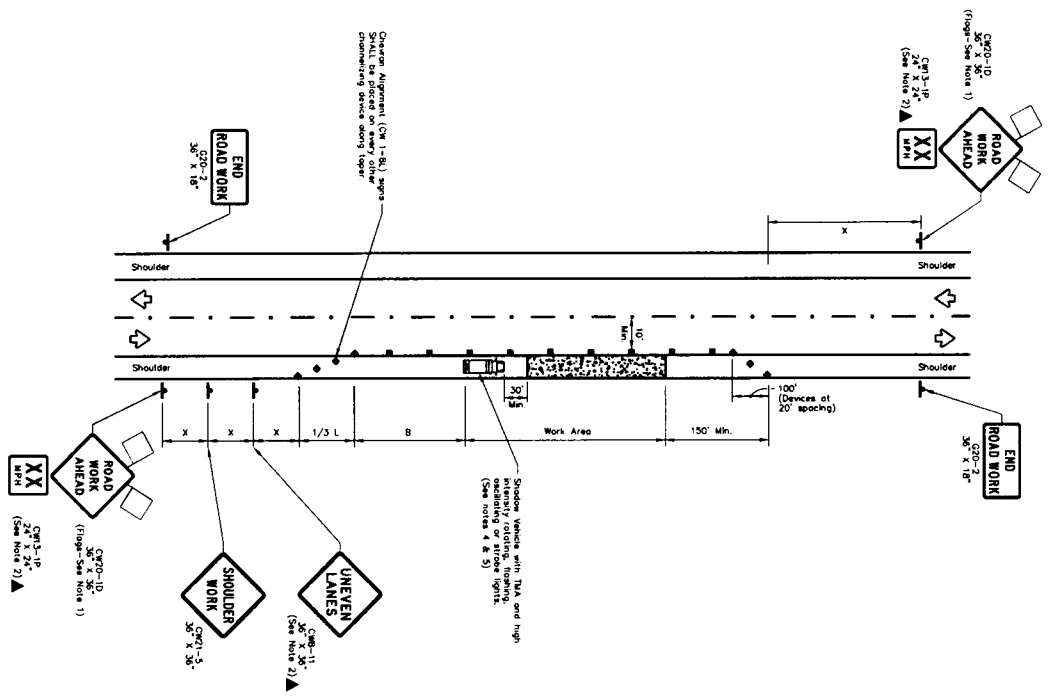
	Type 3 Barricade		Chaining Device
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Traffic Control		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flag

Posted Speed*	Minimum Taper Length (ft)	Maximum Spacing of Chaining Devices (ft)	Minimum Spacing of Chaining Devices (ft)	Maximum Spacing of Chaining Devices (ft)	Minimum Spacing of Chaining Devices (ft)	Maximum Spacing of Chaining Devices (ft)	Suggested Application Spacing (ft)
10'	11'	12'	30'	60'	120'	120'	90'
20'	22'	24'	30'	60'	120'	120'	90'
30'	33'	36'	30'	60'	120'	120'	90'
40'	44'	48'	30'	60'	120'	120'	90'
50'	55'	60'	30'	60'	120'	120'	90'
60'	66'	72'	30'	60'	120'	120'	90'
70'	77'	84'	30'	60'	120'	120'	90'
80'	88'	96'	30'	60'	120'	120'	90'
90'	99'	108'	30'	60'	120'	120'	90'
100'	110'	120'	30'	60'	120'	120'	90'

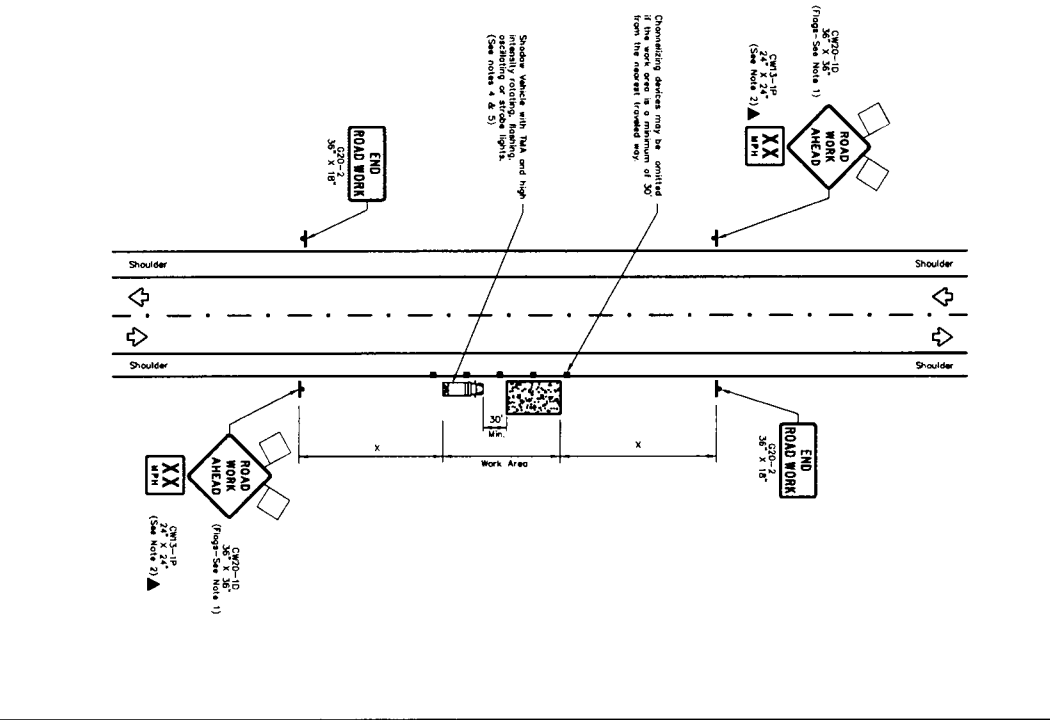
* Conventional Road Only
 ** Taper lengths have been rounded off.
 *** Length of Taper(T) = w * min of Offset(T) Spaced Standoff

- GENERAL NOTES
- Flags attached to signs where shown are optional, except those denoted with the letter 'R'.
 - The tapering symbol are OPTIONAL.
 - Inactive work vehicles or other equipment should be parked near the work area.
 - A Stoker Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew activity without obstructing traffic.
 - Additional Stoker Vehicles with TMA may be positioned off the road.
 - Contractor shall provide and install traffic control devices in accordance with part 4 of Texas Manual on Uniform Traffic Control Devices (TMUD) - Latest Edition.
 - No taper shall be placed on a construction site.
 - If project is within 400 feet from a signalized intersection, the Contractor shall provide and install traffic control devices in accordance with part 4 of TMUD (881-3210) prior to the start of construction.

WORK SPACE ON SHOULDER



WORK SPACE NEAR SHOULDER



REVISIONS

NO.	DESCRIPTION	DATE	NAME
1	UPDATED DEPARTMENT NAME & GENERAL NOTES	4/16/15	BSH
2			
3			
4			

HARRIS COUNTY
 ENGINEERING DEPARTMENT

CONSULTANT
 LOGO/INFORMATION

ENGINEERS
 SEAL

PROJECT TITLE:
 TRAFFIC CONTROL PLAN (SHOULDER WORK)

DATE:
 9/26/14

BY:
 BSH

CHECKED BY:
 BSH

SCALE:
 AS SHOWN

SHEET NO.
 38

SHEET NO.
 /