



**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: 2017-15814

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: \$25,000.00
- ☐ 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

Date



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: 2017-15814

Applicant: AT&T/Black & Veatch

Job Location Site: McKaskle Road, Sugar Land, TX 77498

Bond No. **Date of Bond:** 3/6/2007 **Amount:** \$25,000.00

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 26th day of September, 2017, 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. _____

By: N/A
Drainage District Engineer/Manager

Clerk of Commissioners Court

By: _____
Deputy

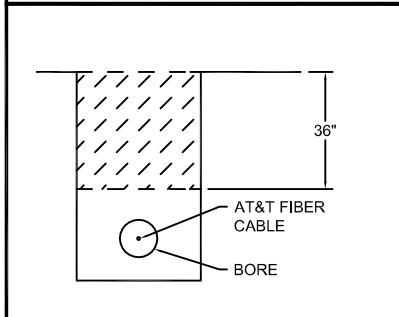


BLACK & VEATCH

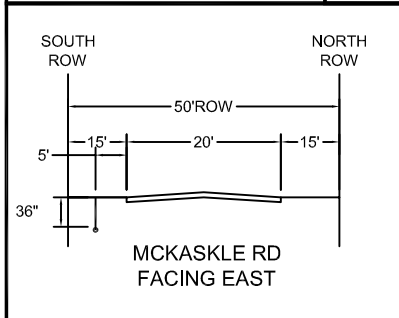
DESIGN ENGINEER CONTACT:
LEX MULLINS
BLACK & VEATCH
(469) 413-3267
MULLINSL@BV.COM

FORT BEND COUNTY
PERMIT APP-17372
SHOWN ON PRINT 3 & 4

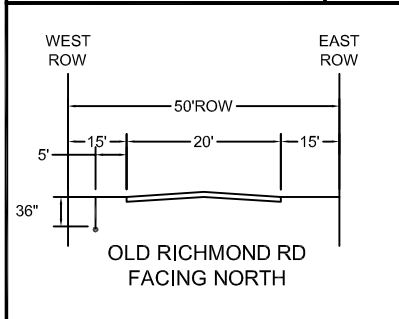
DESIGN SUMMARY:
-BORE AND PLACE FIBER.
-PLACE (1) PROPOSED
PEDESTAL.



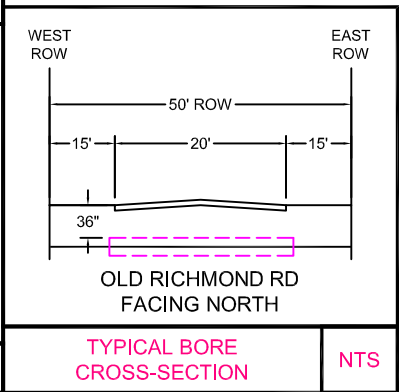
BORE DETAIL NTS



TYPICAL CROSS-SECTION NTS

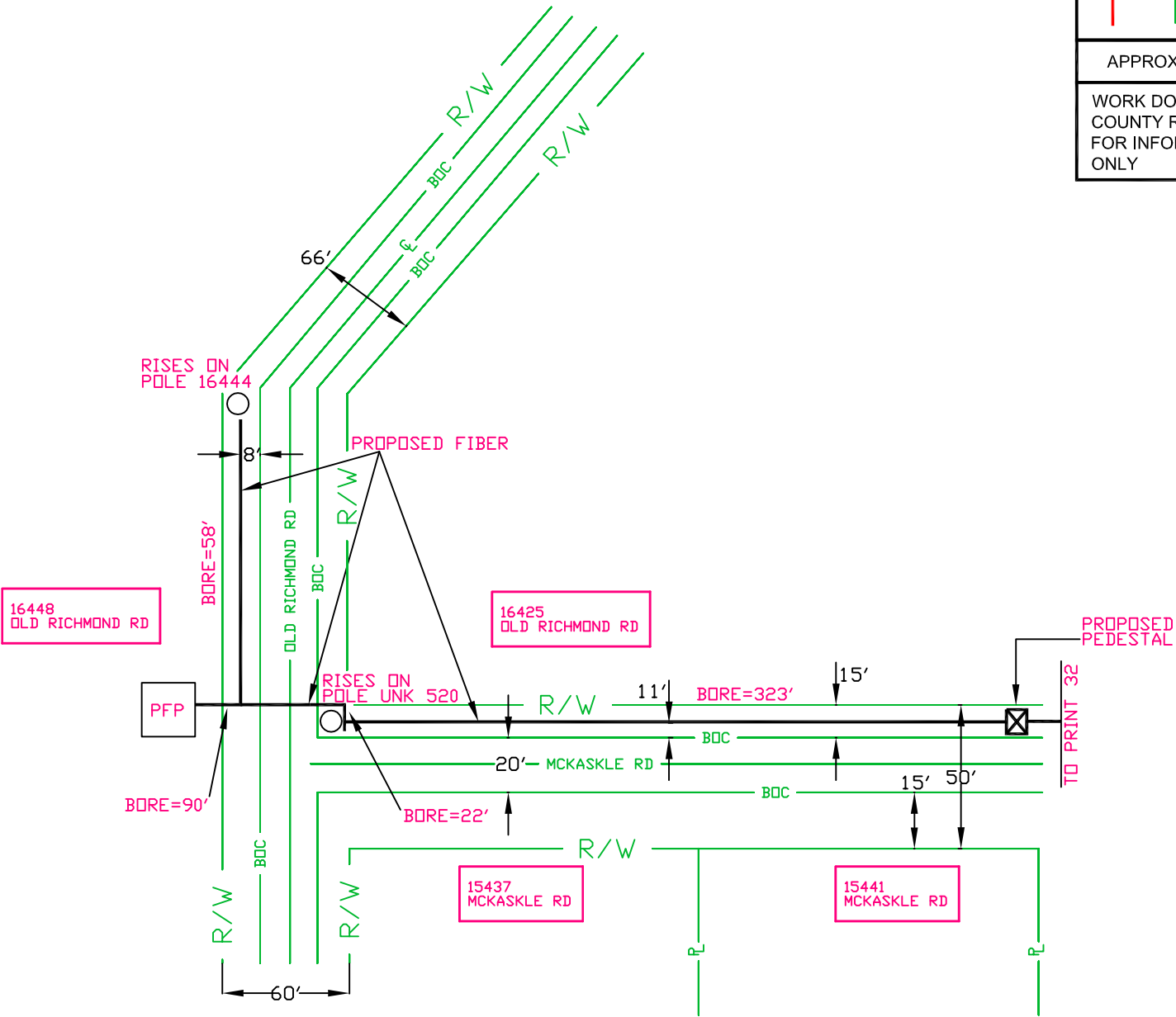


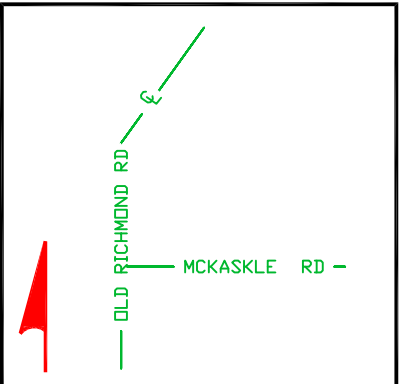
TYPICAL CROSS-SECTION NTS



TYPICAL BORE CROSS-SECTION NTS

FORT BEND COUNTY NOTIFICATION





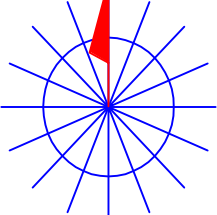
APPROXIMATE LOCATION MAP

WORK DONE IN FORT BEND
COUNTY RIGHT OF WAY - PRINT
FOR INFORMATIONAL PURPOSES
ONLY

SPECIAL
CIRCUITS N

6203
FORWARDED N

PERMIT
REQUIRED Y



NORTH ARROW

OPERATING RANGE OF JOB STEPS
TASK _____ TO _____
MFRC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE 4130LC

CAUTION HIGH VOLTAGE
KV 0.00 AERIAL N BURIED 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

PROJECT NO A00ZP26

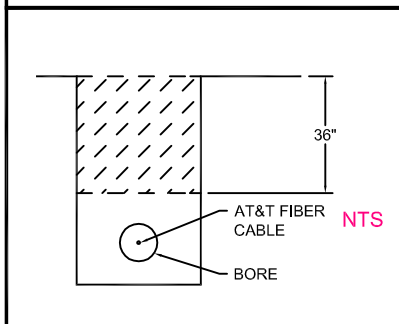
TOT.PRINTS 36 PRINT NO. 31
NPA/NNX: 281-498 PRT:281498
EXCH. ALIEF
TAX DIST. FG004
GEO LOC. W85498
ENGR. RS DRAWN SC
TELEPHONE NO. (281) 352-4644
REC. REF. 240-280-45
MAP REF. 567C
SCALE NONE
ISSUE DATE
PROJ TITLE LIGHTGIG-4130LC-DIST-AF
REV. NUMBER
DATE REV.



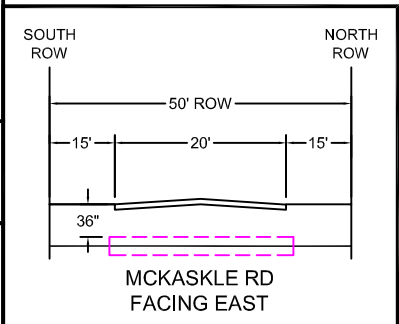
DESIGN ENGINEER CONTACT:
LEX MULLINS
BLACK & VEATCH
(469) 413-3267
MULLINSL@BV.COM

FORT BEND COUNTY
PERMIT APP-17372
SHOWN ON PRINT 5,6, & 7

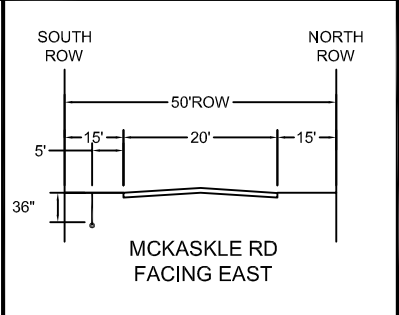
DESIGN SUMMARY:
- BORE AND PLACE FIBER.
- PLACE (2) HH "24X36X24"
- PLACE (10) PROPOSED
PEDESTALS.



BORE DETAIL

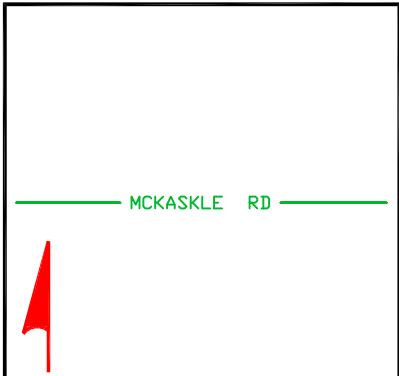


TYPICAL BORE CROSS-SECTION



TYPICAL CROSS-SECTION

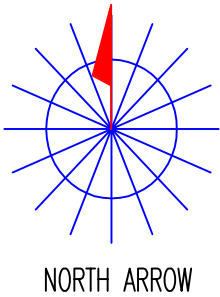
FORT BEND COUNTY NOTIFICATION



APPROXIMATE LOCATION MAP

WORK DONE IN FORT BEND
COUNTY RIGHT OF WAY - PRINT
FOR INFORMATIONAL PURPOSES
ONLY

SPECIAL
CIRCUITS N
6203
FORWARDED N
PERMIT
REQUIRED Y



OPERATING RANGE OF JOB STEPS

TASK _____ TO _____

MFRC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE 4130LC

CAUTION HIGH VOLTAGE
KV 0.00 AERIAL N BURIED N

HIGHWAY PERMIT NO.

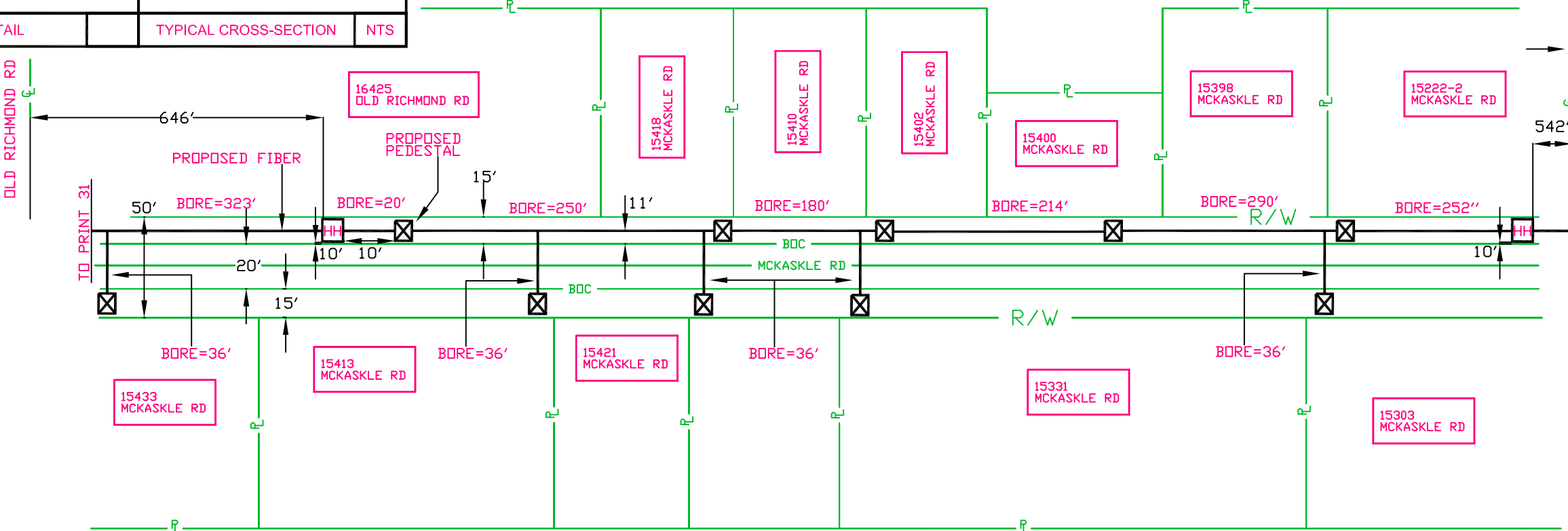
Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

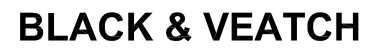
Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

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

PROJECT NO A00ZP26

TOT.PRINTS 36 PRINT NO. 32
NPA/NNX: 281-498 PRT:281498
EXCH. ALIEF
TAX DIST. FG004
GEO LOC. W85498
ENGR. RS DRAWN SC
TELEPHONE NO. (281) 352-4644
REC. REF. 240-280-45
MAP REF. 567C
SCALE NONE
ISSUE DATE
PROJ TITLE LIGHTGIG-4130LC-DIST-AF
REV. NUMBER
DATE REV.

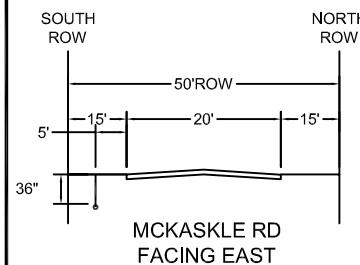




FORT BEND COUNTY
PERMIT APP-17372
SHOWN ON PRINT 8 & 9

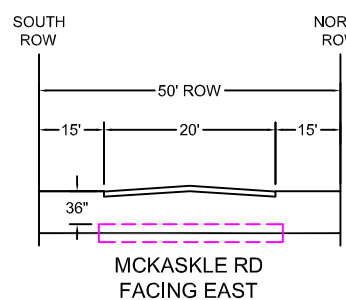
BORE DETAIL

NTS



TYPICAL CROSS-SECTION

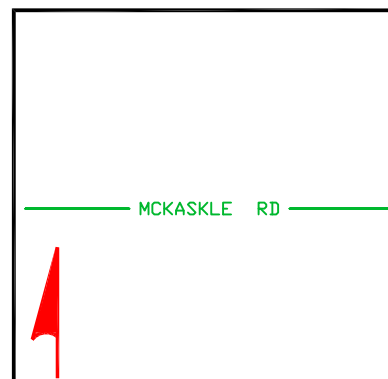
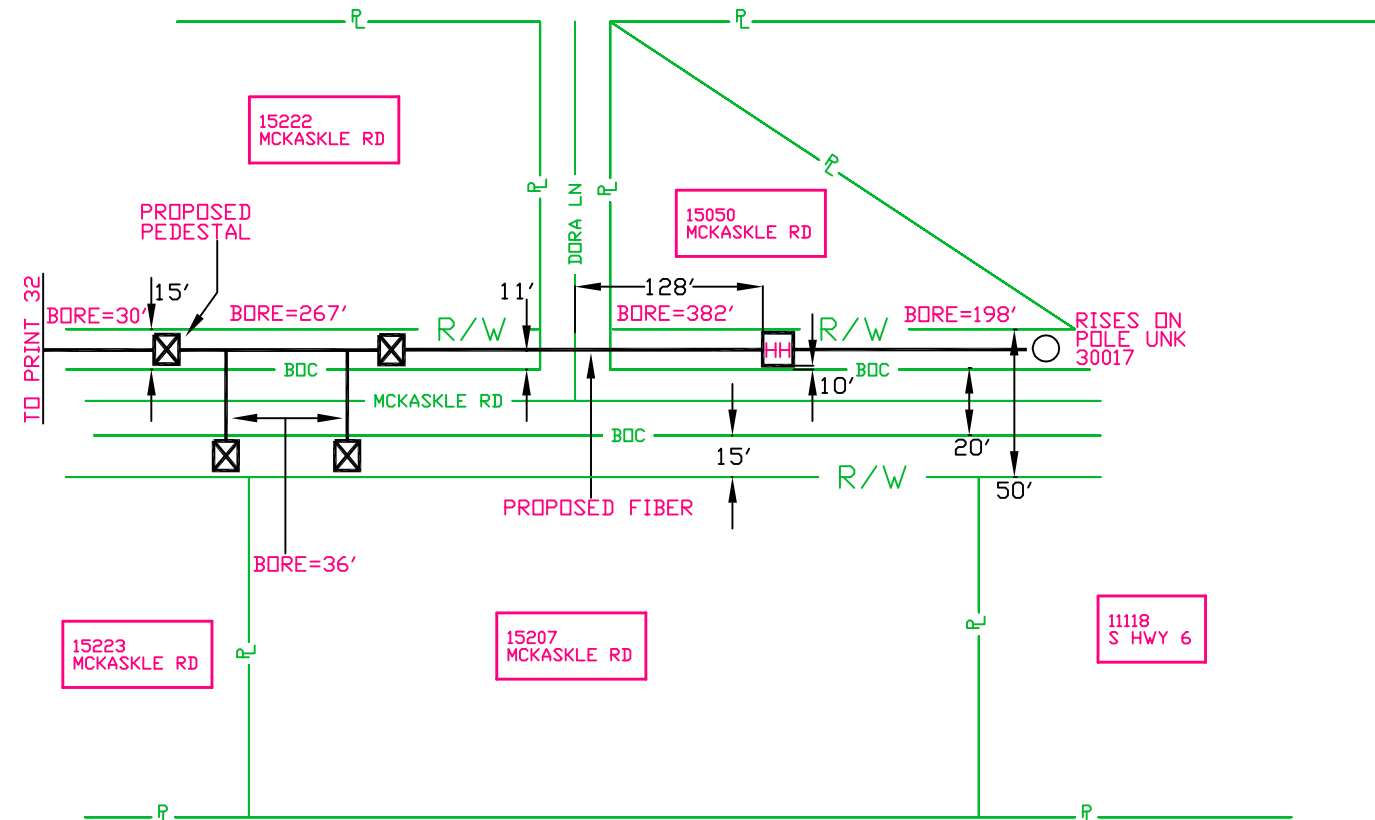
NTS



TYPICAL BORE
CROSS-SECTION

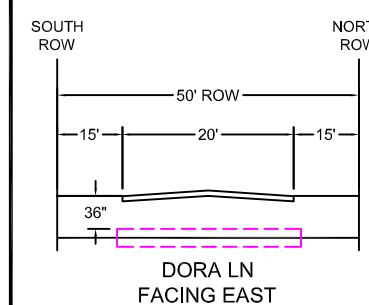
NTS

FORT BEND COUNTY NOTIFICATION



APPROXIMATE LOCATION MAP

WORK DONE IN FORT BEND
COUNTY RIGHT OF WAY - PRINT
FOR INFORMATIONAL PURPOSES
ONLY



TYPICAL BORE CROSS-SECTION

NTS

SPECIAL	N
CIRCUITS	
6203	N
FORWARDED	
PERMIT	Y
REQUIRED	



OPERATING RANGE OF JOB STEPS

TASK _____ TO _____

MFRC

TRANSMISSION ZONE

RZ 0 CZ 0 TAPER CODE 4130LC

CAUTION HIGH VOLTAGE
KV 0.00 AERIAL N BURIED 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

PROJECT NO A00ZP26

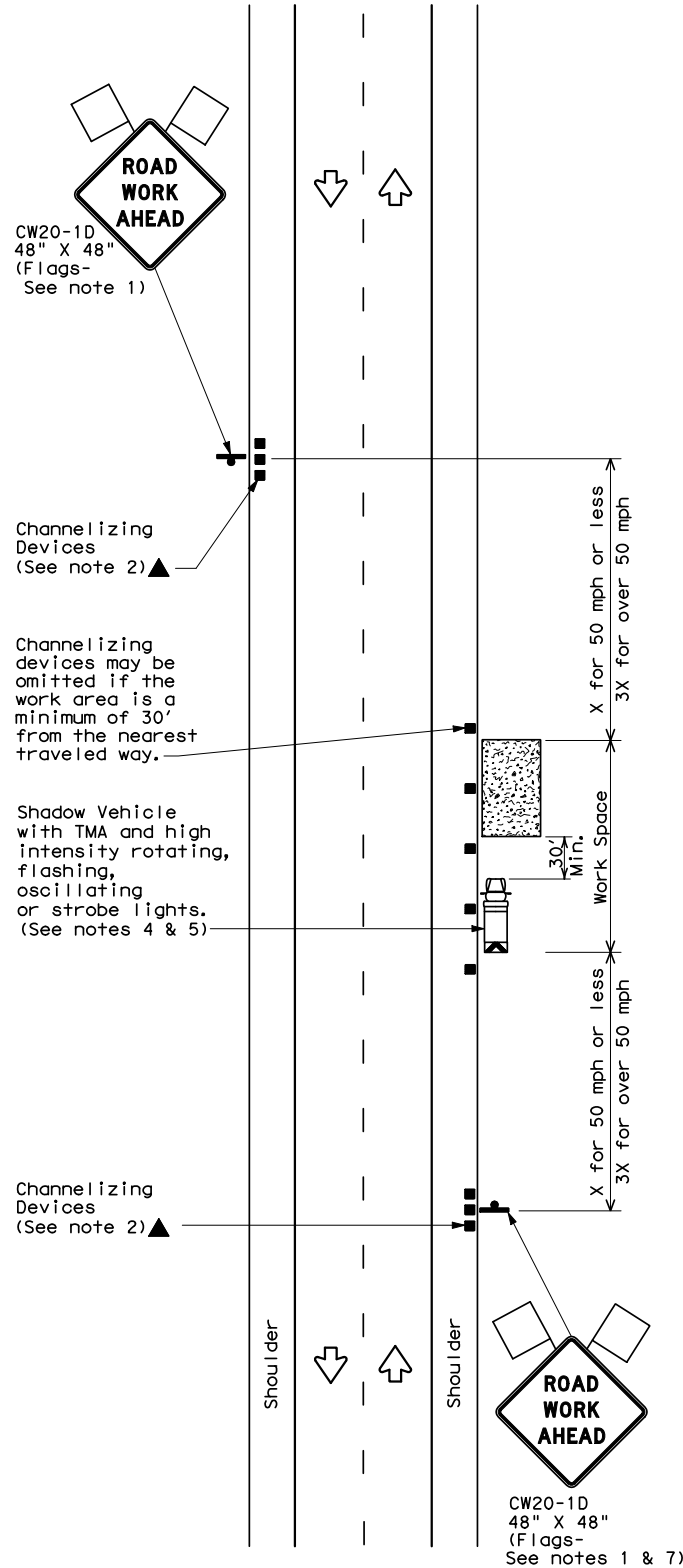
TOT.PRINTS 36 PRINT NO. 33
NPA/NNX: 281-498 PRT: 281498
EXCH. ALIEF
TAX DIST. F6004
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ENGR. RS DRAWN SC
TELEPHONE NO. (281) 352-4644
REC. REF. 240-280-45
MAP REF. 567C
SCALE NONE
ISSUE DATE
PROJ TITLE LIGHTGIG-4130LC-DIST-AF
REV. NUMBER
DATE REV.

--Proprietary--

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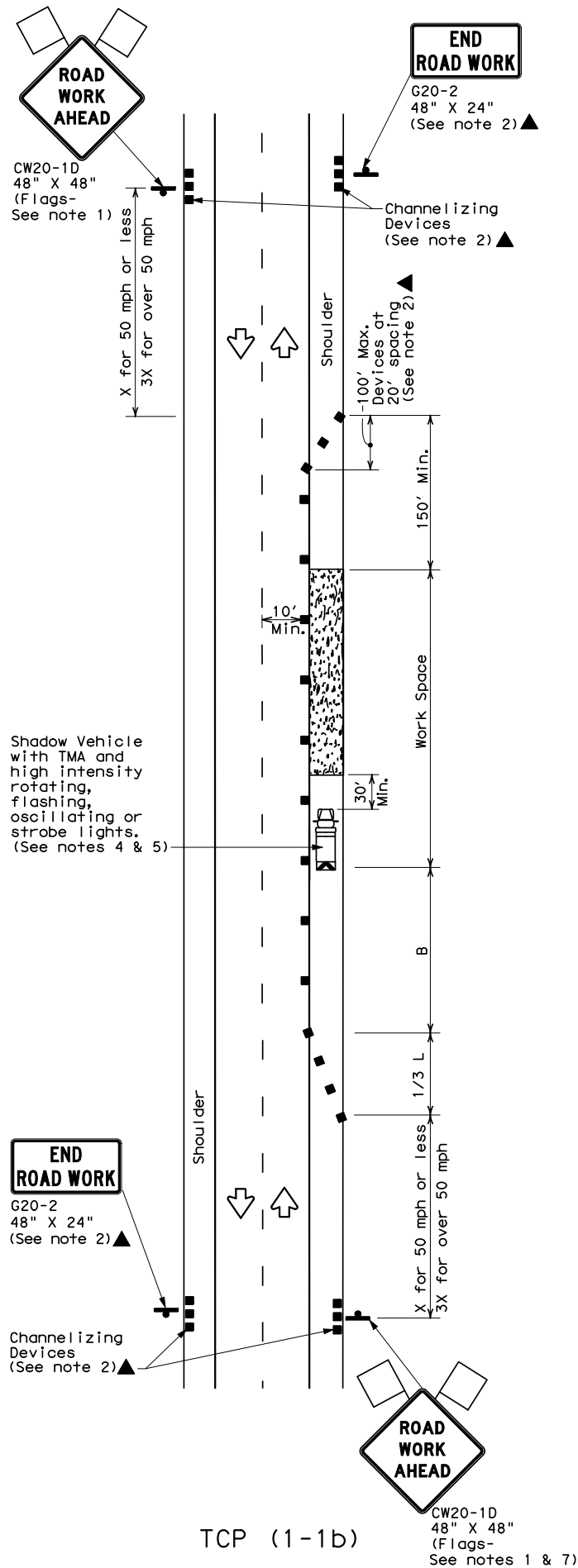
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DATE: FILE:



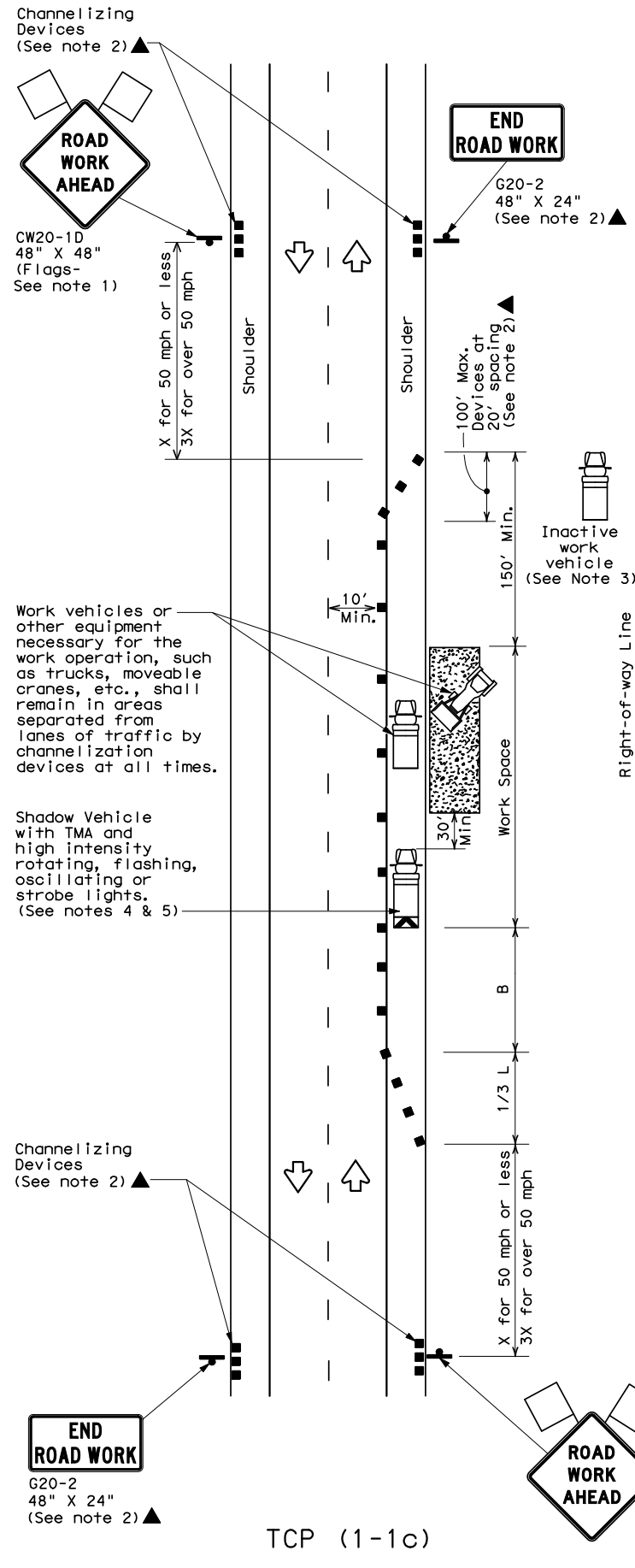
TCP (1-1a)

WORK SPACE NEAR SHOULDER
Conventional Roads



TCP (1-1b)

WORK SPACE ON SHOULDER
Conventional Roads



TCP (1-1c)

WORK VEHICLES ON SHOULDER
Conventional Roads

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" Distance	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	L = WS	450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55		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.

For construction or maintenance contract work, specific project requirements for shadow vehicles can be found in the project GENERAL NOTES for Item 502, Barricades, Signs and Traffic Handling.

Texas Department of Transportation
Traffic Operations Division

**TRAFFIC CONTROL PLAN
CONVENTIONAL ROAD
SHOULDER WORK**

TCP(1-1)-12

© TxDOT December 1985		DN: TXDOT	CK: TXDOT	DN: TXDOT	CK: TXDOT
REVISIONS		CONT	SECT	JOB	HIGHWAY
2-94 1-12					
8-95					
1-97					
4-98					
		DIST	COUNTY		SHEET NO.