



**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](mailto:Permits@fortbendcountytx.gov)

- ☒ **Right of Way Permit**  
☐ **Commercial Driveway Permit**

Permit No: 2017-16096

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.**

*Charles O. Ay*

\_\_\_\_\_  
Permit Administrator

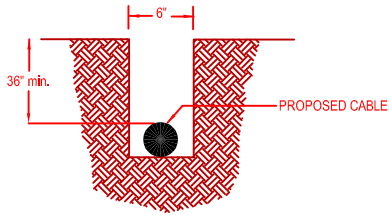
12/8/2017

\_\_\_\_\_  
Date



FORT BEND COUNTY SPECIFICATIONS

1. NO MORE TRENCH OPENED AT ONE TIME THAN CAN BE BACKFILLED AND COMPACTED IN 10" LIFTS AT THE END OF EACH WORK DAY. (NO TRENCH LEFT OPEN OVERNIGHT).
2. ALL EXCESS EXCAVATION TO BE REMOVED FROM ROAD RIGHT OF WAY AT THE END OF EACH WORK DAY
3. DITCHES TO BE OPENED AT END OF EACH DAY TO ASSURE ADEQUATE DRAINAGE.
4. ROAD MUST BE KEPT OPEN TO TRAFFIC AND CONTRACTOR MUST PROVIDE ADEQUATE FLAGMEN, SIGNS, SIGNALS, ETC. TO PROVIDE COMPLETE SAFETY TO THE PUBLIC.
5. IF IT BECOMES NECESSARY FOR EQUIPMENT TO OPERATE ON A PORTION OF THE PAVEMENT, PRECAUTIONS SHOULD BE TAKEN TO PREVENT ANY DAMAGE WHATSOEVER TO THE PAVEMENT.
6. CONDITION OF ROAD UPON COMPLETION OF JOB SHALL BE AS GOOD OR BETTER THAN PRIOR TO STARTING.
7. MIN DEPTH TO TOP OF CABLE OR CONDUIT IS TO BE 36" BELOW CROWN OF ROAD AND 48" BELOW ANY ROADSIDE DITCH.



TYPICAL TRENCH DETAIL

Location Map



TRAFFIC NOTES:

1. CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMNACE WITH PART VI OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD - LATEST EDITION WITH REVISIONS)
2. NO LANES SHALL BE BLOCKED DURING CONSTRUCTION.

10241 W GRAND PKWY S  
OOF ASE

NO SCALE  
A013YNN  
281-232

Byers Engineer

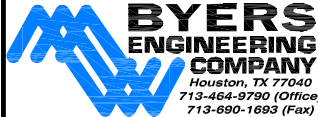
DRAWN BY: RB

DATE: September 12, 2017

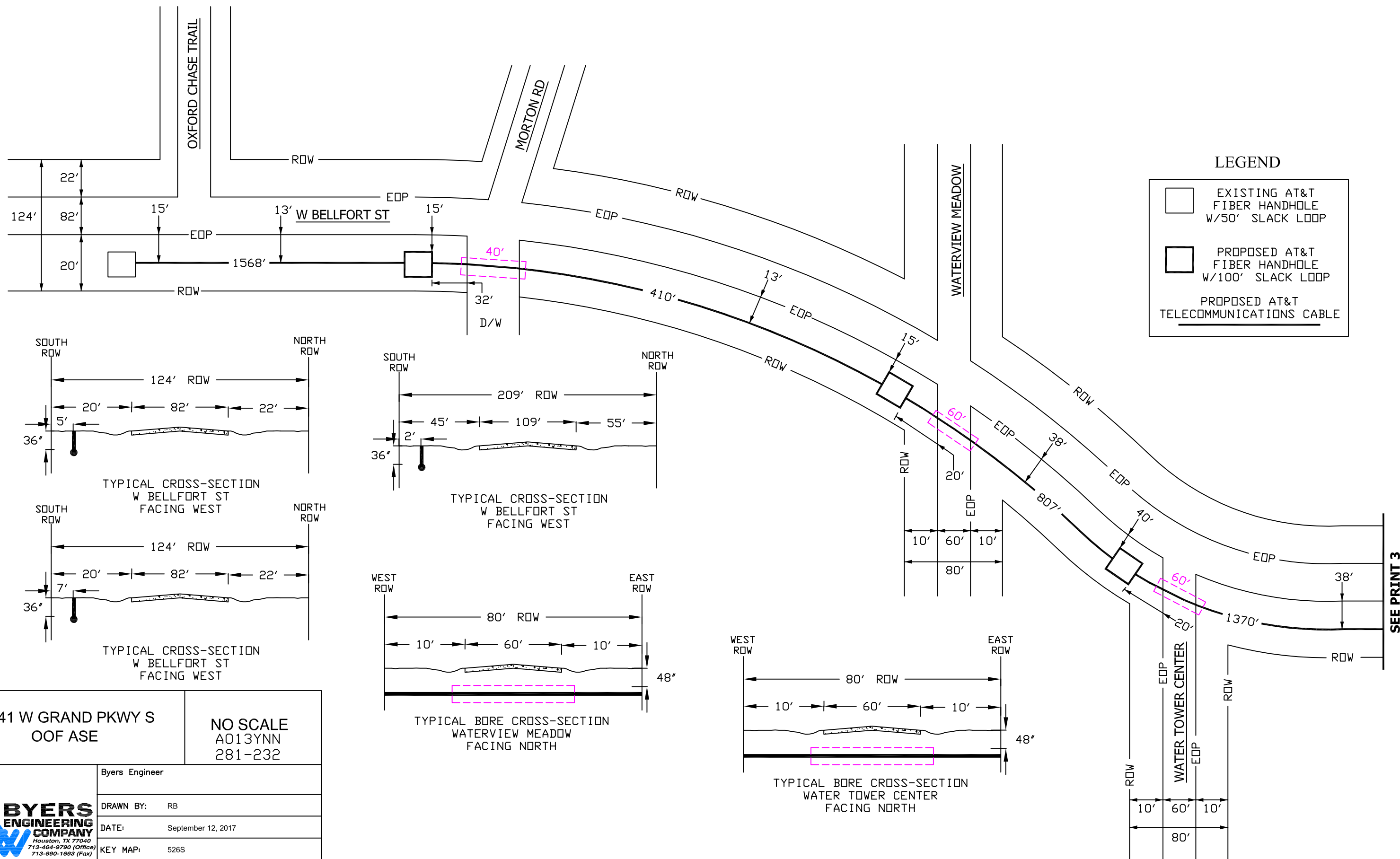
KEY MAP: 526S

PLAT: 1 of 3

DWG NAME:  
10241 W GRAND PKWY S



***FORT BEND COUNTY PERMIT PRINT***



10241 W GRAND PKWY S  
OOF ASE

NO SCALE  
A013YNN  
281-232

Byers Engineer

DRAWN BY: RB

DATE: September 12, 2017

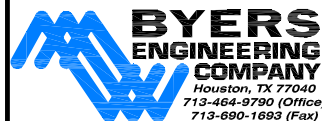
KEY MAP: 526S

PLAT: 2 of 3

DWG NAME:

10241 W GRAND PKWY S

***FORT BEND COUNTY PERMIT PRINT***



**BYERS  
ENGINEERING  
COMPANY**

Houston, TX 77040  
713-464-9790 (Office)  
713-690-1693 (Fax)



The diagram illustrates a 160-foot Right-of-Way (ROW) with the following dimensions and features:

- Overall Width:** 160' ROW
- Lane Widths:** 25' (left shoulder), 110' (main travel lanes), and 25' (right shoulder).
- Depth:** 48" (indicated on the right side).
- Features:** A dashed pink rectangle is shown within the 110' travel lane area, and a wavy line indicates a road surface profile.

The diagram illustrates a cross-section of a 118-foot Right-of-Way (ROW). The total width is 118 feet, with 25-foot shoulders on both sides and a 68-foot travel lane. A 48-foot wide travel lane is shown, with a dashed pink rectangle highlighting a 68-foot section of the lane. The diagram also shows a 48-foot wide travel lane and a 68-foot section of the lane highlighted with a dashed pink rectangle.

SEE PRINT 2

HARLEM RD

ROW

40'

152'

20'

25'

110'

25'

160'

EOP

40'

38'

40'

298'

62'

20'

D/W

437'

38'

40'

130'

20'

EOP

ROW

68'

20'

14'

30'

D/W

40'

55'

109'

209'

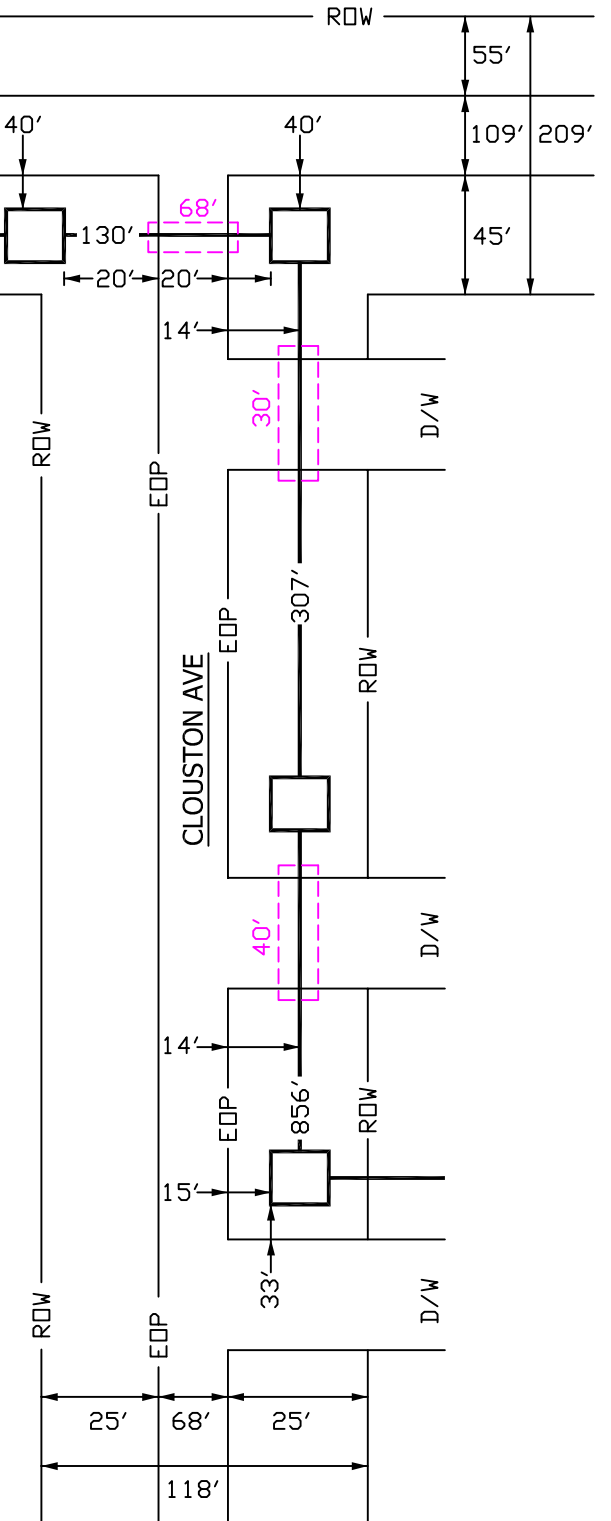
45'

W BELFORT ST

EXISTING AT&T  
FIBER HANDHOLE  
W/50' SLACK LOOP

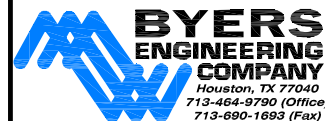
PROPOSED AT&T  
FIBER HANDHOLE  
W/100' SLACK LOOP

PROPOSED AT&T  
TELECOMMUNICATIONS CABLE

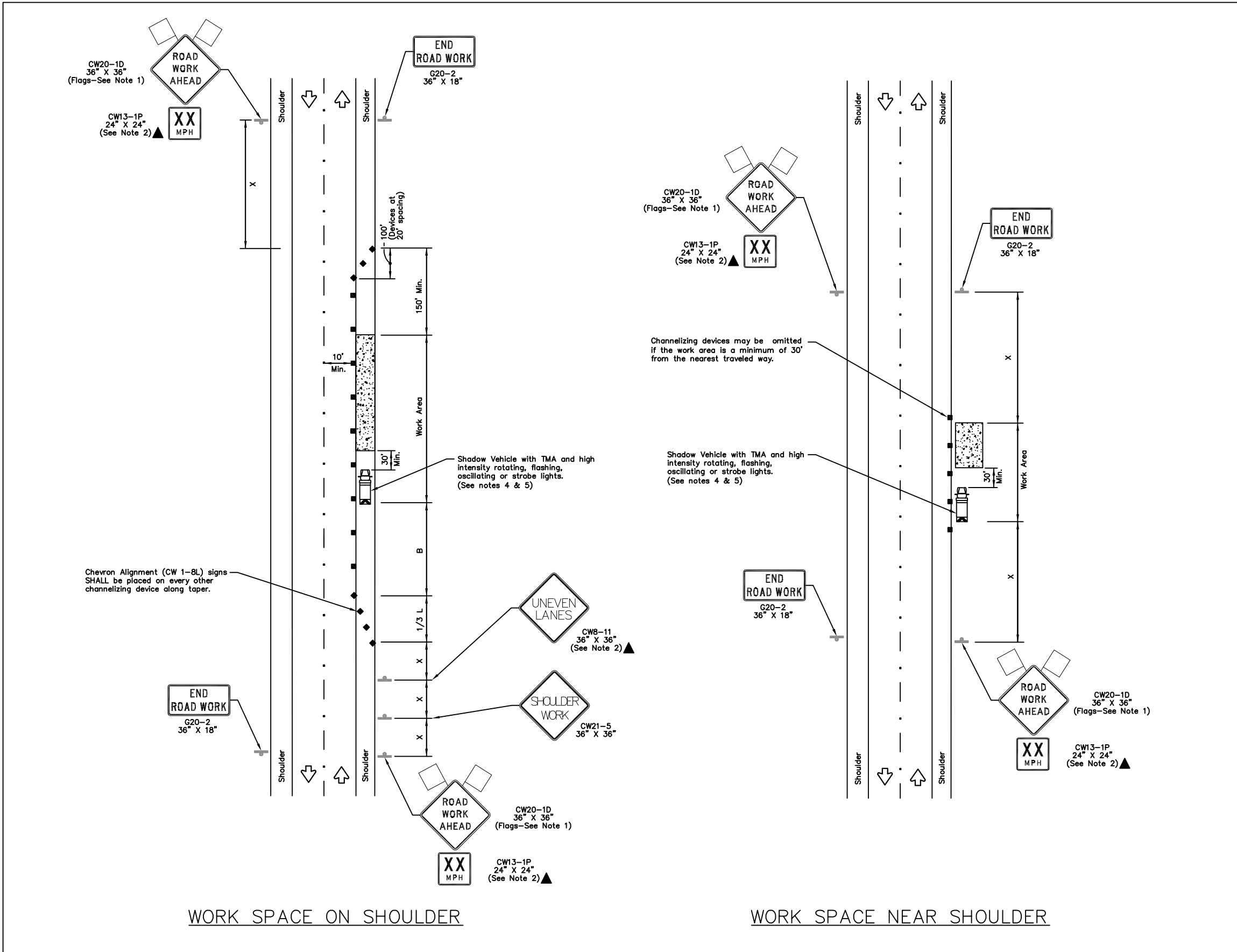


NO SCALE  
A013YNN  
281-232

DWG NAME:  
10241 W GRAND PKWY S



# ***FORT BEND COUNTY PERMIT PRINT***



TRAFFIC CONTROL PLAN SECTION SHALL BE COMPLETED BY ENGINEER

ROADWAY	POSTED SPEED	TAPER LENGTH	SPACING CHANNELIZING DEVICES		SIGN SPACING	BUFFER SPACE
			TAPER	TANGENT		
W BELLFORT ST	45	450'	45'	90'	320'	195'
CLOUSTON AVE	30	150'	30'	60'	120'	90'

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 Spacing of Channelizing Devices "L"			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		450'	495'	540'	45'	90'	320'	195'
50	L=WS	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)

GENERAL NOTES

- Flags attached to signs where shown are OPTIONAL.
- All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol are OPTIONAL.
- 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.
- Contractor shall provide and install traffic control devices in conformance with part VI of Texas Manual on Uniform Traffic Control Devices (TMUTCD - Latest edition with revisions) during construction.
- No lanes shall be blocked during construction.
- If project is within 400 feet from a signalized intersection, the Contractor shall contact Harris County Engineering Department, Traffic Signal Maintenance at (713) 881-3210 five (5) days prior to the start of construction.

NO.	REVISIONS	DATE	NAME
1	UPDATED DEPARTMENT NAME & GENERAL NOTES	4/16/15	BSH
2			
3			
4			
5			



PROJECT TITLE:		A013YNN
DRAWN BY:	RB	10241 W GRAND PKWY S
CK'D BY:	SHEET DESCRIPTION: TRAFFIC CONTROL PLAN	
SCALE:	SHOULDER WORK	
DATE:	APPROVED BY:	
9/21/17		