



**Planning
Department**

Anthony Uresti
Director of Planning

Main Office

2818 S. Business Hwy 281
Edinburg, Texas 78539
Phone (956) 318-2840

Precinct No. 1 Substation

1900 Joe Stephens Ave. Ste. A
Weslaco, TX 78596
Phone (956) 968-4734

Precinct No. 3 Substation

2401 N. Moorefield Road
Mission, Texas 78572
Phone (956) 205-7045

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

THE STATE OF TEXAS

COUNTY OF HIDALGO

PRECINCT _____

**APPLICATION AND AGREEMENT FOR PIPELINE OR
UTILITY PERMIT**

Date: 12/15/25

Just Right Engineering on behalf of Fiberlight LLC (hereinafter referred to as "Applicant") does hereby make application to the Hidalgo County through the Hidalgo County Planning Department (hereinafter referred to as "HCPD") to construct, maintain and repair pipelines or utilities across the easements, right-of-ways, property or property interest as described below.

Information required:

1. Name, Address and Phone number of Applicant:

231 Dillo Trail Liberty Hill, TX 78642

2. Name, Address and Phone number of company or agency owning Pipeline or Utility (please indicate if same as Applicant):
Alex Dorgan (435) 660-1937

7500 Dallas Parkway, Suite 450, Plano, TX 75024

3. Name, Address and Phone number of operator of Pipeline or Utility (please indicate if same as Applicant):
Fiberlight LLC (435) 660-1937

7500 Dallas Parkway, Suite 450, Plano, TX 75024

4. Name, Address and Phone number of contractor to install Pipeline or Utility:

TBD



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5. Is this a common carrier pipeline or utility? If yes, please submit the Applicant's Texas Railroad Commission Form "T-4" or similar form designating the facility:
Alex Dorgan (435) 660-1937

7500 Dallas Parkway, Suite 450, Plano, TX 75024

6. Does Applicant have the Power of Eminent Domain?
No

7. Will the product be carried for hire or by the owner of the goods?
By the owner Fiberlight LLC

8. Name and Legal description of property owner requesting utility services if applicable:

N/A This is to reroute path and connect to existing infrastructure due to a road move

9. Type of utility work within county road right-of-way:

Bore Crossing Line Extension Along R.O.W. Other Directional bore along ROW

10. Where is the origin of the line?

The beginning of the conduit/cable starts at a hand hole on East University Drive and South Cesar Chavez RD

11. Where is the destination of the line?

The end of the conduit/cable ties into an existing Fiberlight hand hole at 506 S Cesar Chavez Road.



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- No Crossing beginning hand hole coordinates shown
12. Utility Crossing Coordinate X: 26.293691 Y: -98.115961
(NAD 83 Texas South FIPS 4205 feet)
13. Number and size of lines:
One 4" conduit with (3) 1.5" HDPE Conduits inside and (1) 48
Count Fiber Cable
14. Pressure (each line):
N/A
15. Content (each line):
Fiber Cable
16. Estimated date of installation of Pipeline or Utility:
1/5/26



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If requested permit is granted by HCPD, Applicant, in consideration thereof, agrees and binds itself as follows:

1. All pipelines or utilities herein will be horizontally placed within the right-of-way as determined by HCPD and at a minimum depth of five (5) feet below natural ground. Depth, horizontal, and vertical location shall be confirmed by HCPD Inspectors.
2. Location map, profile, and plans concerning the proposed pipeline or utility crossing will furnished with this application.
3. HCPD will be notified in writing ten days prior to the beginning date of construction under this permit.
4. Applicant will bear the entire expense of all future relocations of any pipelines or utilities should such relocation, at the sole discretion of the Hidalgo County Commissioners Court, be necessary for improvements, alteration, or maintenance of Hidalgo County's easement or property of interest.
5. Applicant will notify the HCPD at least 48 hours prior to covering work and or completion of its work and removal of its equipment from the job site to permit HCPD to make an inspection.
6. Upon notification by the HCPD, the Applicant will promptly repair or rectify any deficiency or condition caused by the Applicant's operations or installations under this permit. Applicant will leave easement in as near the same condition or better, in the HCPD's sole judgment, as it existed prior to the commencement of the operations under this permit.
7. Hidalgo County shall not be liable or responsible for, and shall be saved and held harmless by Applicant, and further shall be indemnified by Applicant, from and against any and all suits, actions, losses, damages, claims, or liability of any character, type, or description, including all expenses of litigation, court costs, attorney's fees, and engineering fees for injury or death to any person, or injury to any property, received or sustained by any person or persons or property, arising out of, or occasioned by, directly or indirectly, the performance of Applicant under this agreement, including claims and damages arising in part from the negligence of Hidalgo County.



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It is the expressed intent of the parties to this agreement that the indemnity provided for in this section is extended by Applicant to indemnify and protect Hidalgo County from the consequences of Hidalgo County's own negligence, whether that negligence is the sole or contributory cause of the resultant injury death, or damage.

Applicant further agrees to defend, at its own expense, with attorneys acceptable to Hidalgo County and on behalf of Hidalgo County, and in the name of Hidalgo County, any claim or litigation brought against Hidalgo County in connection with any such injury, death or damage.

Before construction is begun on such pipeline or utility crossings, Applicant will furnish to the HCPD a certificate of insurance (or other security approved by the HCPD) payable to Hidalgo County and protecting Hidalgo County (as an additional named insured) against any claims for personal injuries or damages to property resulting from the operations of Applicant, its agents, servants, employees, and contractors under this permit. Insurance is to be supplied in accordance with the attached Schedule A.

8. Hidalgo County makes no warranties, expressed or implied, in the granting of this permit; nor does Hidalgo County purport to grant any property interest or exclusive privileges whatsoever by granting such permit. It is specifically understood that Hidalgo County is not the agent for, nor does it act for, the fee owners or any persons or entities having any right, or title to possession of the land upon which Hidalgo County's easement or other property interest is located. Furthermore, in granting this permit Hidalgo County makes no representation or warranty that it has any property interest, including, but not limited to, an easement or right of way, in the land upon which Applicant constructs, maintains, repairs, or modifies the pipelines or utilities, made the subject of this application, nor does Hidalgo County make any representation or warranty as to the validity, quality or extent of such property interest, if any. Applicant acknowledges its understanding that Hidalgo County in granting this permit, does not convey or grant to Applicant any rights, title or interest for which is has no legal authority to grant or convey.
9. Applicant binds itself to comply with all federal, state, and local laws or regulations and will obtain all necessary permits from all local and federal agencies required by law before installation or construction is begun.



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10. Applicant will install its pipelines and utilities in a manner and location as shown in the plans and specifications filed with HCPD in support of this application for permit. Hidalgo County Planning Department's representative may at any time make such inspection as such engineer or other representation may deem necessary to assure that the construction of the pipeline or utilities is in accordance with the plans and specifications submitted, and said engineer or representative shall have the right to temporarily suspend Applicant's work if necessary, while such inspection is being made. Should Applicant not install the pipelines or utilities in accordance with the terms and conditions of this permit, Applicant agrees that Hidalgo County shall have the right to require, at Applicant's expense, the removal of the pipelines and utilities and its replacement in conformance to said plans and specifications and conditions of this permit. Hidalgo County may revoke this permit and suspend all work hereunder if it is determined by Hidalgo County that the pipelines or utilities are not being installed in accordance with such plans and specifications and conditions of this permit. The suspension or revocation of this permit shall not be a basis for a claim for damages against Hidalgo County.
11. Except in emergency situations where it is necessary to protect life and property, Applicant will not make any change, modification, or alteration in or to the pipelines or utilities without first securing a new or amended permit from Hidalgo County prior to the making of any such change. Applicant will maintain the pipelines or utilities hereby authorized in good and safe condition, and in accordance with plans, specifications, and this permit.
12. Applicant agrees to pay HCPD a permit fee to cover administrative costs in the amount of **\$500.00**, plus a reimbursement to HCPD for any necessary engineering fees which may be incurred for the study and processing of the Application. This fee will permit a single pipeline or utility to be within County right-of-way. Applicant further agrees to pay an additional fee of **\$500.00** for each additional line included in permit application at the same location; however, more than one location may be included in a single application.

Requests to lay additional line or lines, not included in an initial permit application, must be made by separate application, with new permit fees paid accordingly and support data provided.



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Permit fees may be waived where Applicant is a state, county, municipality, or a special political subdivision.

13. The Applicant is allowed one hundred twenty days (120) from the granting of the permit to start construction of the pipelines or utilities crossings. Once started, the Applicant is allowed ninety (90) days to complete all work under such permit. All construction must be completed within two hundred ten (210) days from the date of issuance of permit. Upon application, extension of the time periods set forth in this paragraph may be granted by the Hidalgo County Commissioners Court. Such applications for extension must be received by HCPD at least thirty days before the expiration of the two hundred ten (210) days period. A new permit fee, in accordance with Paragraph 12 hereof, will be charged for each extension granted.

Construction of any pipeline or utility crossing will not begin until written approval has been given by HCPD.

14. All provisions of the Pipeline and Utility Permit Administration Policy of Hidalgo County, if any, and all amendments thereto, are hereby incorporated herein as part of the terms and conditions of this permit for all purposes.
15. Applicant warrants and represents that it has secured from all fee owners of the involved property an easement or other property rights to construct, repair or modify the pipeline or utility in the manner set forth herein.
16. This Pipeline and Utility Permit if granted by Hidalgo County is subject to any and all other requirements, specifications and conditions listed in Exhibit A attached hereto.
17. Hidalgo County requires all coordinates of all utility crossings. Horizontal datum to be in NAD 83 State Plane Texas South 4205 feet and vertical datum in NAVD 88 Geoid 12a.



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18. This permit constitutes the entire agreement between the parties with regard to the subject matter hereof, and all prior agreements, representations, and negotiations between the parties regarding the subject matter are hereby superseded. This permit shall not be altered or amended except by an agreement in writing executed by the parties hereto.

19. Applicant warrants and represents that its undersigned representative has full authority to bind Applicant to the terms and conditions of the foregoing Application and Agreement for Pipeline or Utility Permit.

DATED this 15th day of December, 2025.

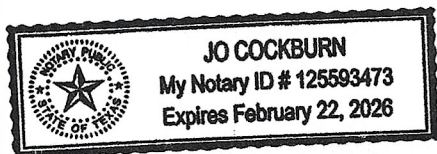
Korie Creel
(Name of Applicant – Printed or Typed)

By: Korie Creel
Signature

Title: President

STATE OF TEXAS
COUNTY OF HIDALGO

SUBSCRIBED AND SWORN TO before me the Applicant,
Korie Creel, on this 15 day of December, 2025
to which witness my hand and seal of office.



[Signature]
Notary Public for the State of Texas

My Commission Expires: 2/22/26



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**APPROVAL OF APPLICATION BY
HIDALGO COUNTY PLANNING DEPARTMENT**

Came on for consideration this _____ day of _____,
20____. The above and foregoing Application for Pipeline and Utility
Permit, and after consideration of the same by the Hidalgo County
Commissioners Court, said Application and Agreement for Pipeline or
Utility Permit is hereby APPROVED.

HIDALGO COUNTY:

Richard F. Cortez, County Judge



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EXHIBIT A

(Please insert description of project location and supporting documents for proposed utility work)

C:\Users\JoseFrias\DC\ACCDocs\cad@just-right.co\25-FBL-102 - Hidalgo Co, Cesar Chavez Rd Abandonment Conflict Assessment + Relocation\Project Files\25-FBL-102 - Hidalgo Co, Cesar Chavez Rd Abandonment

SHEET INDEX:

G-100	COVER SHEET
C-100	UTILITY PLAN 1
C-101	UTILITY PLAN 2
C-200	UTILITY DETAILS 1
C-201	UTILITY DETAILS 2
C-202	UTILITY DETAILS 3
C-203	UTILITY DETAILS 4
C-300	TXDOT TCP 2-1



CABLE 1 DETAILS:

BEGINNING PAGE#
 ENDING PAGE#
 CABLE TYPE:
 INSTALLATION DATE:
 MANUFACTURER:
 PART NUMBER:

VICINITY MAP
 N.T.S.

HIDALGO CO, CESAR CHAVEZ RD
RELOCATION PLANS

CLARIFICATION SUMMARY SHEET

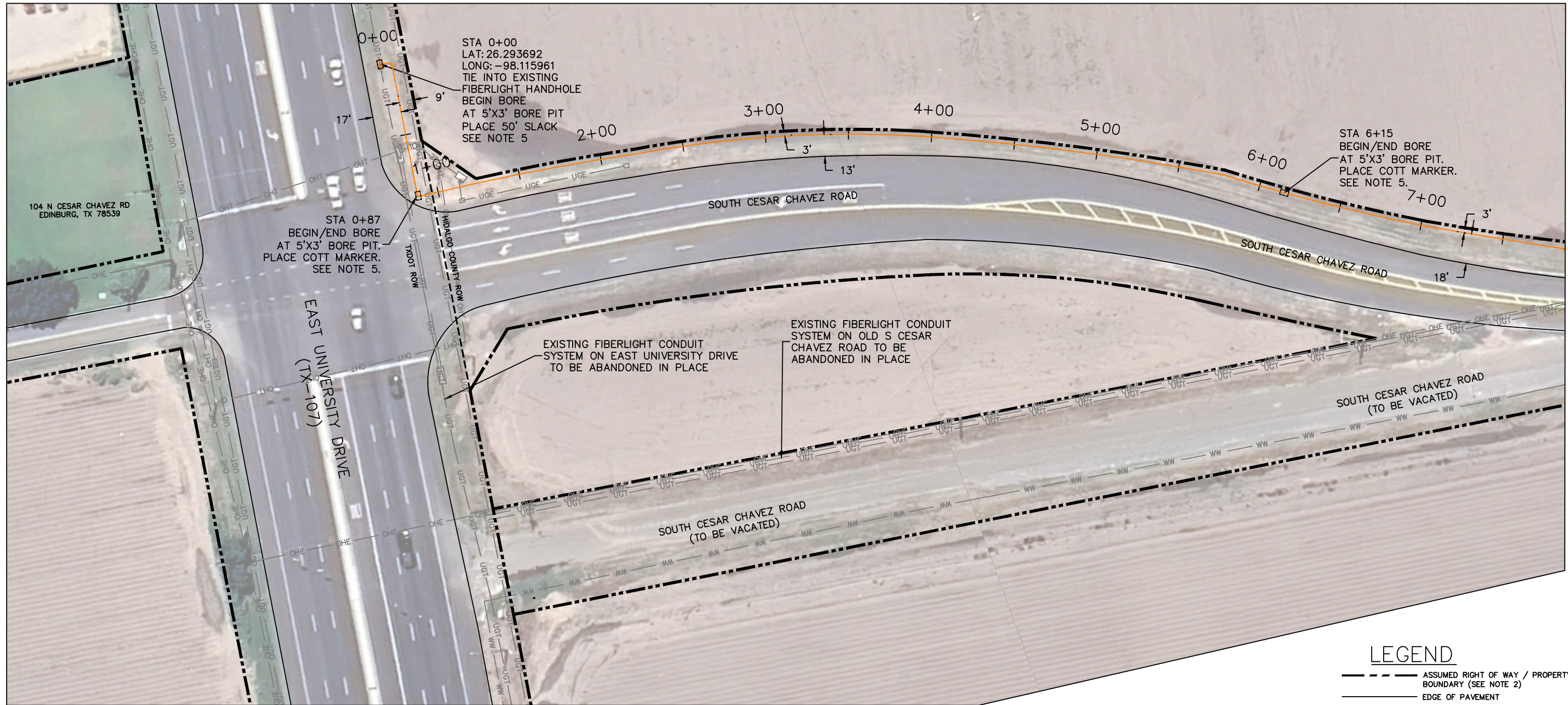
UNIT	DESCRIPTION	QUANTITY
FT	48CT FIBER OPTIC CABLE NEW (U/G)	0
FT	48CT FIBER OPTIC CABLE NEW (OH)	0
EA	96CT FIBER OPTIC CABLE NEW (U/G)	0
EA	6M STRAND	0
FT	1-4" GALV. U-GUARD E/W 1-1.25" HDPE	0
FT	DOWN GUY & ANCHOR	0
FT	OVERHEAD GUY	0
FT	AERIAL SLACK LOOP	0
FT	1-2" FOAM CORE SCHEDULE 40 PVC	0
EA	PLACE 1-1.5" HDPE	0
EA	PLACE 2-1.5" HDPE	0
EA	PLACE 3-1.5" HDPE	1261
EA	TRENCH 1-1.25" HDPE	0
EA	10GA TRACER WIRE	0
EA	24"X36"X24" HH	0
EA	36"X48"X30" HH	0
FT	SLACK COIL IN HH	0
FT	TEST STATION (LOCATE MARKER)	0
EA	MARKER	4
SF	REMOVE & RESTORE CONCRETE S/W	0
SF	REMOVE & RESTORE CONCRETE PAVEMENT	0
SF	REMOVE & RESTORE ASPHALT PAVEMENT	0

CONTACT INFORMATION:

OWNER:
 ALEX DORGAN
 FIBERLIGHT, LLC
 7500 DALLAS PARKWAY, SUITE 450
 PLANO, TX 75024
 ALEX.DORGAN@FIBERLIGHT.COM
 435-660-1937

ENGINEER:
 ANDREW CREEL, P.E.
 JUST RIGHT ENGINEERING, LLC
 ACREEL@JUST-RIGHT.CO
 512-300-1312

HIDALGO CO, CESAR CHAVEZ ROAD RELOCATION
COVER SHEET
REVISION: 0
DATE: 11/11/2025
SHEET #: G-100
SHEET COUNT: 1 OF 8



PLACEMENT NOTE:
 BORED SECTIONS WILL EXTEND A MINIMUM OF 5' BEYOND THE EDGE OF CONCRETE PAVEMENT, OR 10' BEYOND THE EDGE OF ASPHALT PAVEMENT (INCLUDING ALL PUBLIC CROSSING STREETS) THIS IS TO INCLUDE ANY ADDITIONAL WIDTH NECESSARY TO CLEAR EXISTING SIDEWALK.

PLACEMENT NOTE:
 FIBER OPTICS SHOULD BE A MINIMUM 48-INCHES UNDER NATURAL GROUND OR MINIMUM 60-INCHES UNDER PAVEMENT STRUCTURES (INCLUDING ALL CROSS STREETS AND DRIVEWAYS) WHICHEVER IS GREATER

- SCOPE OF WORK:**
1. INSTALL NEW CONDUIT FROM SOUTHERN EXISTING HAND HOLE AT STA 12+61 TO NORTHERN EXISTING HAND HOLE AT STA 0+00 ON NEW ROADWAY AS SHOWN.
 2. DE-SPLICE EXISTING LATERAL CABLE AT NORTHERN EXISTING SPLICE HAND HOLE AT STA 0+00.
 3. PULL EXISTING LATERAL CABLE BACK THROUGH EXISTING CONDUIT TO SOUTHERN EXISTING HAND HOLE AT STA 12+61.
 4. PULL EXISTING LATERAL CABLE THROUGH NEW CONDUIT TO NORTHERN EXISTING SPLICE HAND HOLE AT STA 0+00
 5. SPLICE EXISTING LATERAL CABLE.



LEGEND

	ASSUMED RIGHT OF WAY / PROPERTY BOUNDARY (SEE NOTE 2)
	EDGE OF PAVEMENT
	EX OVERHEAD ELECTRIC
	EX UNDERGROUND ELECTRIC
	EX UNDERGROUND TELECOM
	EX WATER
	EX WASTEWATER
	EX STORM DRAIN
	SILT FENCE
	PROP PLACE UNDERGROUND (3) 1.5" HDPE, (1) 48CT FOC

1. THE LOCATION OF ANY UTILITIES SHOWN ON THESE PLAN IS APPROXIMATE AND SHOULD NOT BE CONSIDERED TO BE EXACT. THESE PLANS MAY NOT SHOW ALL UTILITIES PRESENT IN THE RIGHT-OF-WAY. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO IDENTIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT TEXAS 811 AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.
2. THE LOCATION OF THE RIGHT-OF-WAY IS SHOWN BASED ON PUBLICLY AVAILABLE GIS DATA AND SHOULD NOT BE CONSIDERED TO BE EXACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL IMPROVEMENTS ARE INSTALLED IN THE RIGHT-OF-WAY. IF THE EXACT LOCATION OF THE RIGHT-OF-WAY IS REQUIRED, CONTRACTOR SHALL

- ENGAGE A REGISTERED PUBLIC LAND SURVEYOR TO STAKE THE RIGHT-OF-WAY.
3. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS ACCORDING TO THE UTILITY OWNER'S CONSTRUCTION STANDARDS. IF THERE IS A CONFLICT BETWEEN THE CONSTRUCTION STANDARDS AND THESE PLANS OR THERE ARE NO UTILITY OWNER CONSTRUCTION STANDARDS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
 4. ALL EXCAVATIONS SHALL BE BACKFILLED BY END OF DAY. NO EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT. NO SPOILS SHALL BE STORED IN THE RIGHT-OF-WAY OVERNIGHT.
 5. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING PROJECT AREA TO ORIGINAL OR BETTER CONDITION.

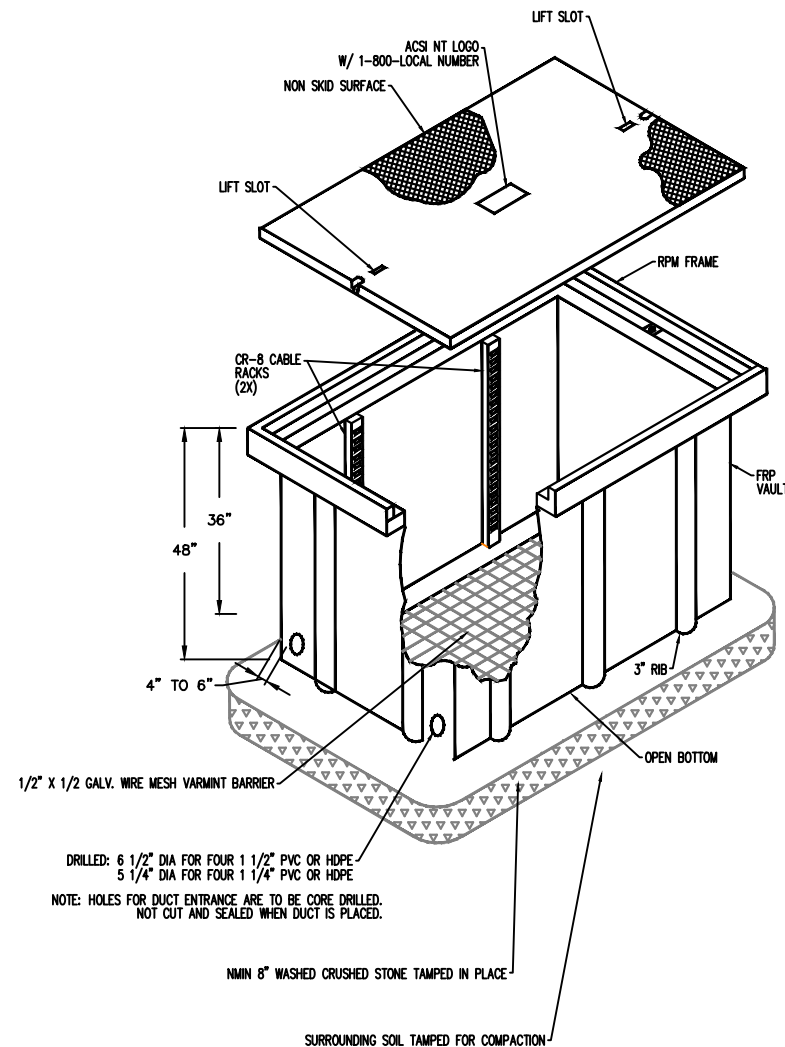
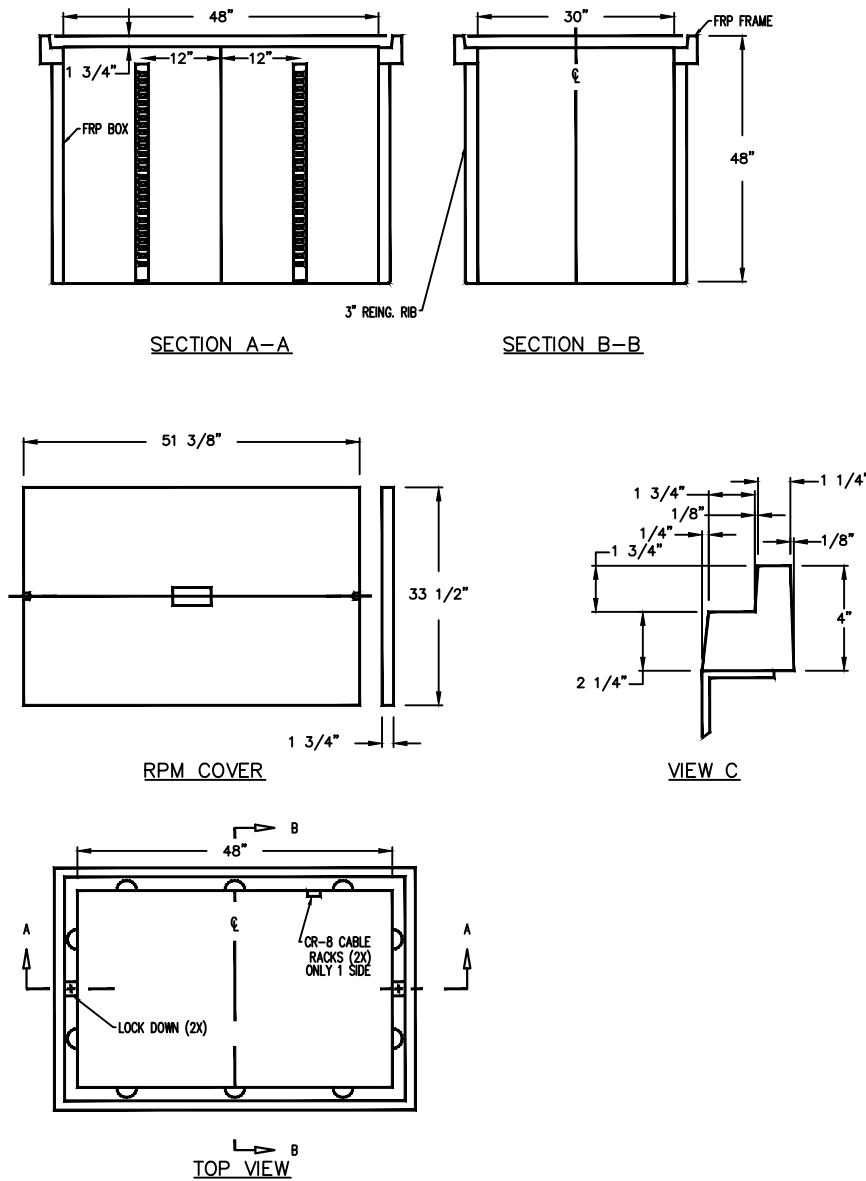
6. CONTRACTOR SHALL UNDERSTAND AND ADHERE TO THE ALL REQUIREMENTS OF THE RIGHT-OF-WAY OWNER, EXISTING UTILITY OWNERS AND OSHA.
7. CONTRACTOR SHALL MAINTAIN 2' HORIZONTAL AND 1' VERTICAL SEPARATION FROM ALL EXISTING UTILITIES UNLESS OTHERWISE ALLOWED OR REQUIRED BY THE RIGHT-OF-WAY, EXISTING, OR PROPOSED UTILITY OWNER.
8. BORE PIT LOCATIONS MAY CHANGE BASED ON FIELD CONDITIONS AS DETERMINED BY CONTRACTOR.

HIDALGO CO, CESAR CHAVEZ ROAD RELOCATION
UTILITY PLAN 1
REVISION: 0
DATE: 11/11/2025
SHEET #: C-100
SHEET COUNT: 2 OF 8

JUST RIGHT ENGINEERING
 TEXAS ENGINEERING FIRM NO. F-24472

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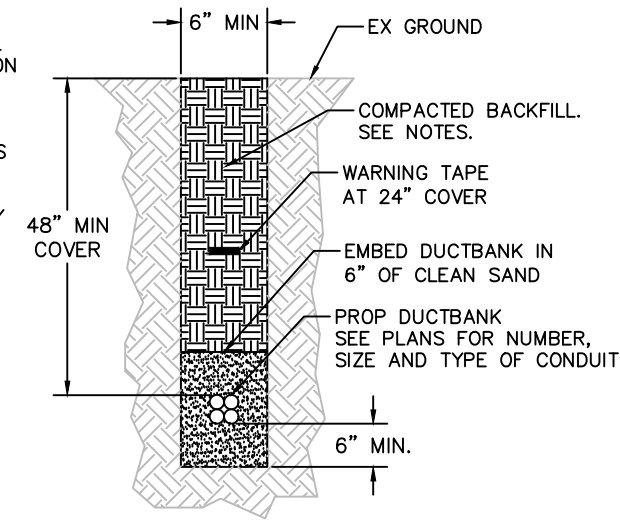
TYPICAL HANDHOLE DETAIL



NOTES:

1. THE MAXIMUM BACKFILL LIFT SHALL BE DETERMINED BY THE COMPACTION EQUIPMENT SELECTED AND SHALL NOT EXCEED 6 INCHES.
2. BACKFILL MATERIAL SHALL BE WELL-GRADED AND FREE OF ROCKS AND DELETERIOUS MATERIALS.
3. BACKFILL MATERIAL SHALL BE COMPACTION TO A MINIMUM DENSITY EQUAL TO OR SUPERIOR TO THAT PRIOR TO CONSTRUCTION.

TYPICAL TRENCH SECTION DETAIL
N.T.S.



1. THE LOCATION OF ANY UTILITIES SHOWN ON THESE PLAN IS APPROXIMATE AND SHOULD NOT BE CONSIDERED TO BE EXACT. THESE PLANS MAY NOT SHOW ALL UTILITIES PRESENT IN THE RIGHT-OF-WAY. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO IDENTIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT TEXAS 811 AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.

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3. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS ACCORDING TO THE UTILITY OWNER'S CONSTRUCTION STANDARDS. IF THERE IS A CONFLICT BETWEEN THE CONSTRUCTION STANDARDS AND THESE PLANS OR THERE ARE NO UTILITY OWNER CONSTRUCTION STANDARDS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.

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HIDALGO CO, CESAR CHAVEZ ROAD RELOCATION
UTILITY DETAILS 1
REVISION: 0
DATE: 11/11/2025
SHEET #: C-200
SHEET COUNT: 4 OF 8

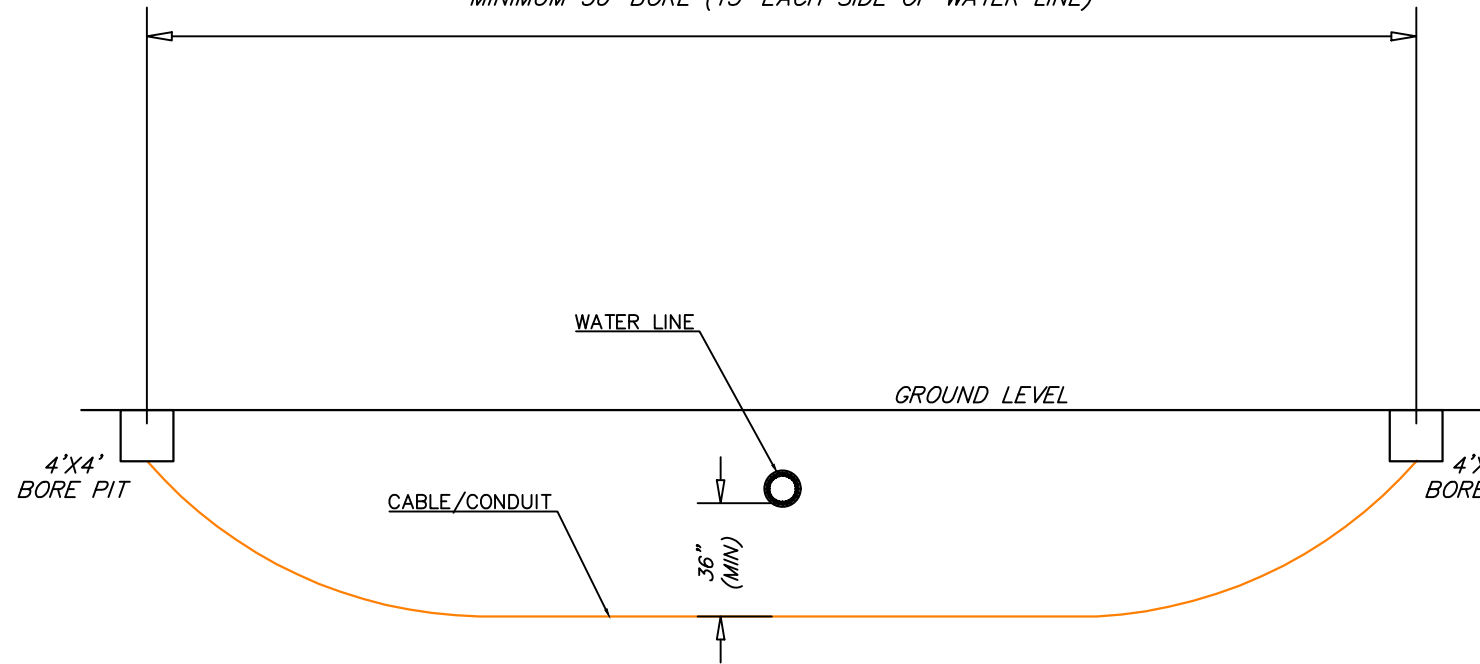
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FiberLight

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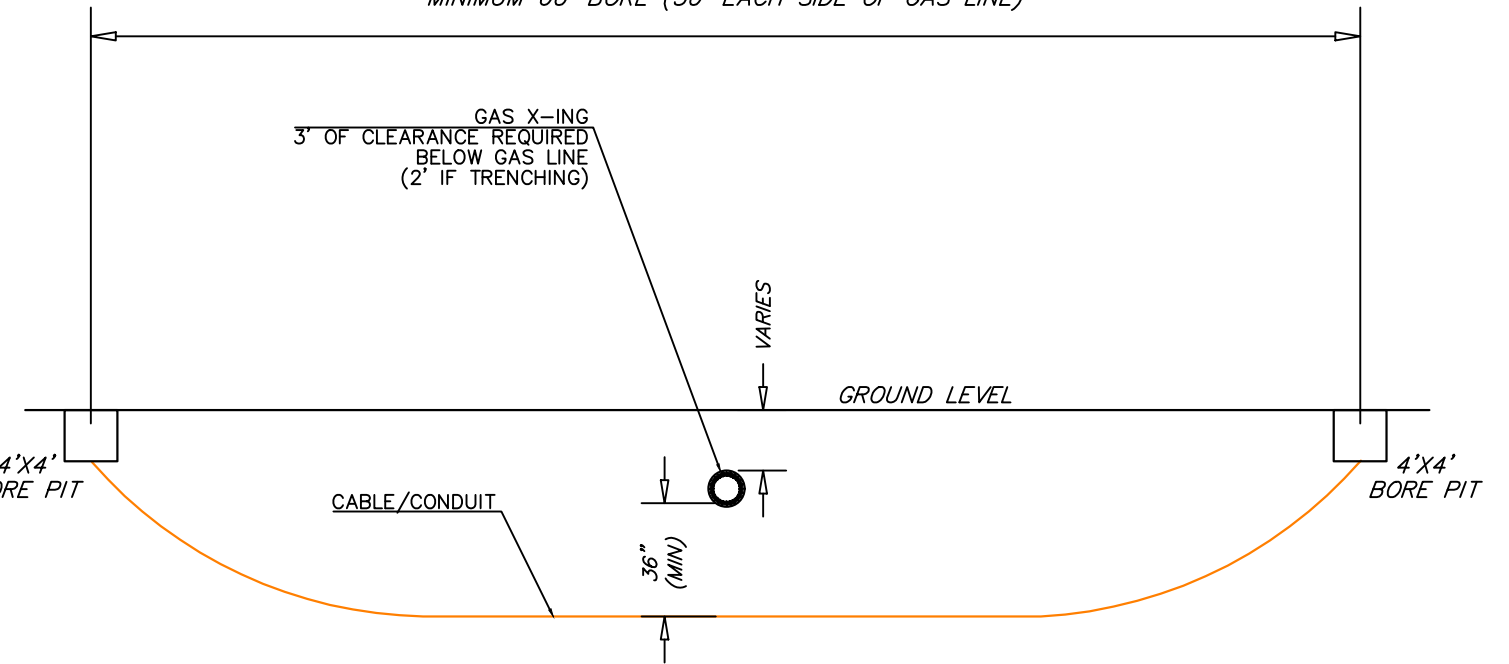
WATER LINE CROSSING BORE DETAIL

MINIMUM 30' BORE (15' EACH SIDE OF WATER LINE)

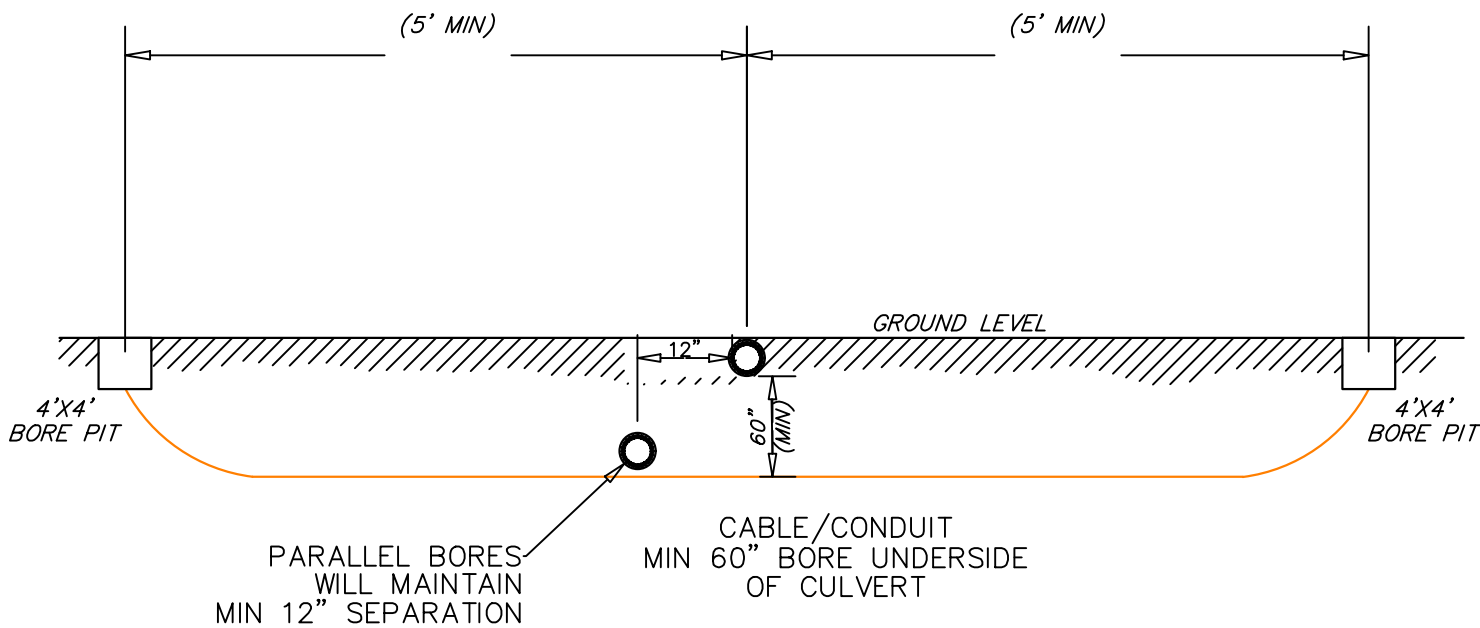


GAS PIPELINE CROSSING BORE DETAIL

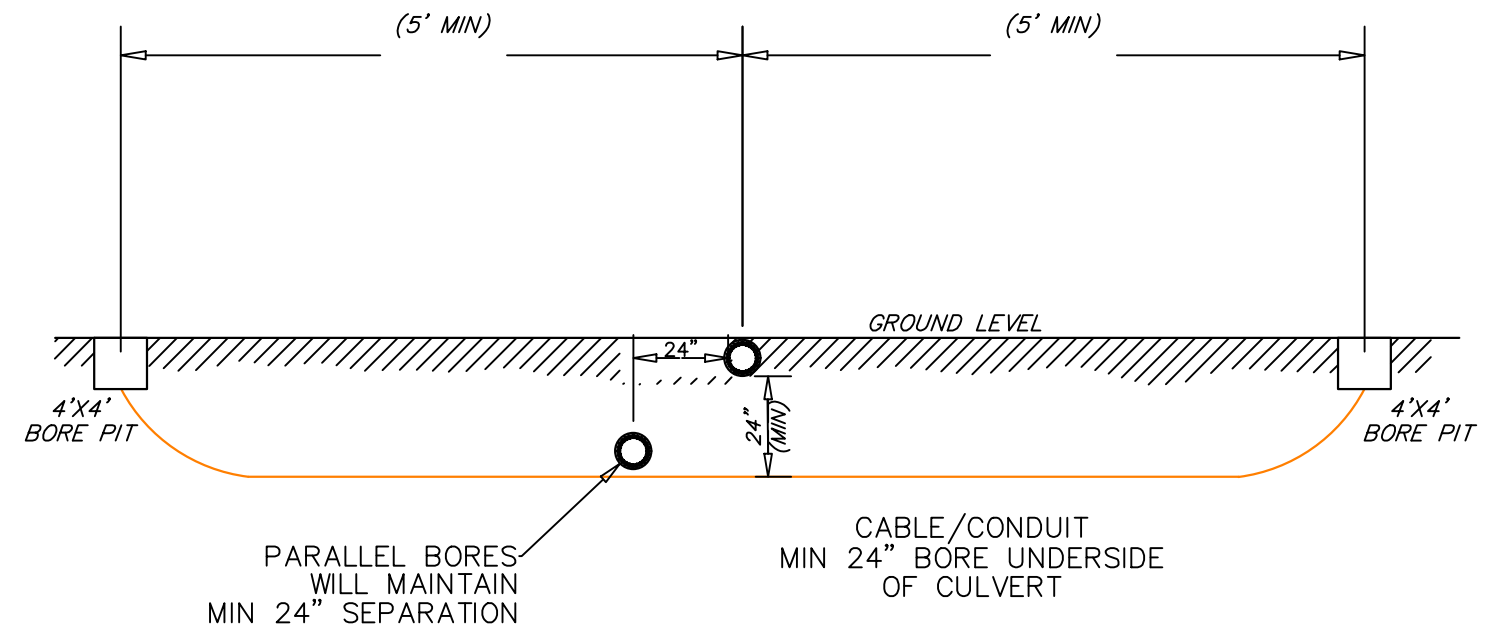
MINIMUM 60' BORE (30' EACH SIDE OF GAS LINE)



TYPICAL CULVERT CROSSING BORE DETAIL



TYPICAL STORM SEWER CROSSING BORE DETAIL



1. THE LOCATION OF ANY UTILITIES SHOWN ON THESE PLAN IS APPROXIMATE AND SHOULD NOT BE CONSIDERED TO BE EXACT. THESE PLANS MAY NOT SHOW ALL UTILITIES PRESENT IN THE RIGHT-OF-WAY. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO IDENTIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT TEXAS 811 AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.
2. THE LOCATION OF THE RIGHT-OF-WAY IS SHOWN BASED ON PUBLICLY AVAILABLE GIS DATA AND SHOULD NOT BE CONSIDERED TO BE EXACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL IMPROVEMENTS ARE INSTALLED IN THE RIGHT-OF-WAY. IF THE EXACT LOCATION OF THE RIGHT-OF-WAY IS REQUIRED, CONTRACTOR SHALL

- ENGAGE A REGISTERED PUBLIC LAND SURVEYOR TO STAKE THE RIGHT-OF-WAY.
3. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS ACCORDING TO THE UTILITY OWNER'S CONSTRUCTION STANDARDS. IF THERE IS A CONFLICT BETWEEN THE CONSTRUCTION STANDARDS AND THESE PLANS OR THERE ARE NO UTILITY OWNER CONSTRUCTION STANDARDS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
4. ALL EXCAVATIONS SHALL BE BACKFILLED BY END OF DAY. NO EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT. NO SPOILS SHALL BE STORED IN THE RIGHT-OF-WAY OVERNIGHT.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING PROJECT AREA TO ORIGINAL OR BETTER CONDITION.

6. CONTRACTOR SHALL UNDERSTAND AND ADHERE TO THE ALL REQUIREMENTS OF THE RIGHT-OF-WAY OWNER, EXISTING UTILITY OWNERS AND OSHA.
7. CONTRACTOR SHALL MAINTAIN 2' HORIZONTAL AND 1' VERTICAL SEPARATION FROM ALL EXISTING UTILITIES UNLESS OTHERWISE ALLOWED OR REQUIRED BY THE RIGHT-OF-WAY, EXISTING, OR PROPOSED UTILITY OWNER.
8. BORE PIT LOCATIONS MAY CHANGE BASED ON FIELD CONDITIONS AS DETERMINED BY CONTRACTOR.

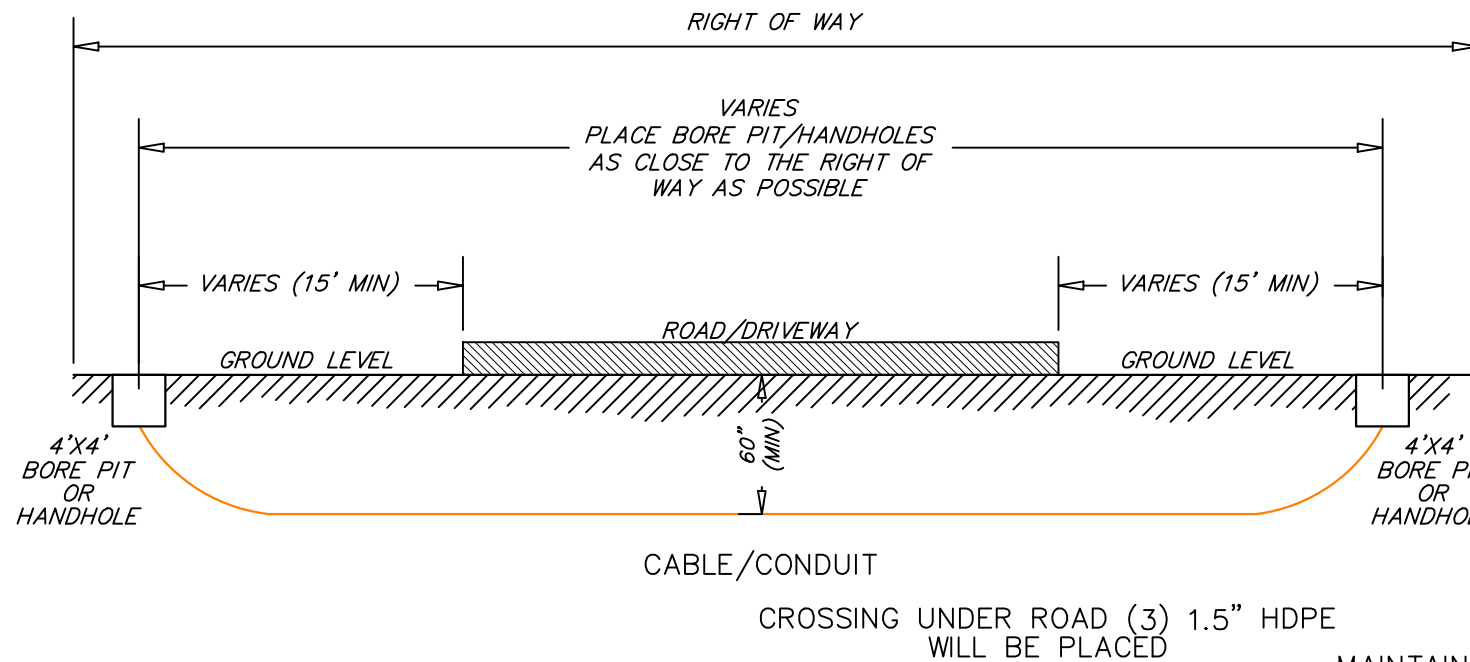
HIDALGO CO, CESAR CHAVEZ ROAD RELOCATION
UTILITY DETAILS 2
REVISION: 0
DATE: 11/11/2025
SHEET #: C-201
SHEET COUNT: 5 OF 8

JUST RIGHT ENGINEERING
 TEXAS ENGINEERING FIRM NO. F-24472

FiberLight

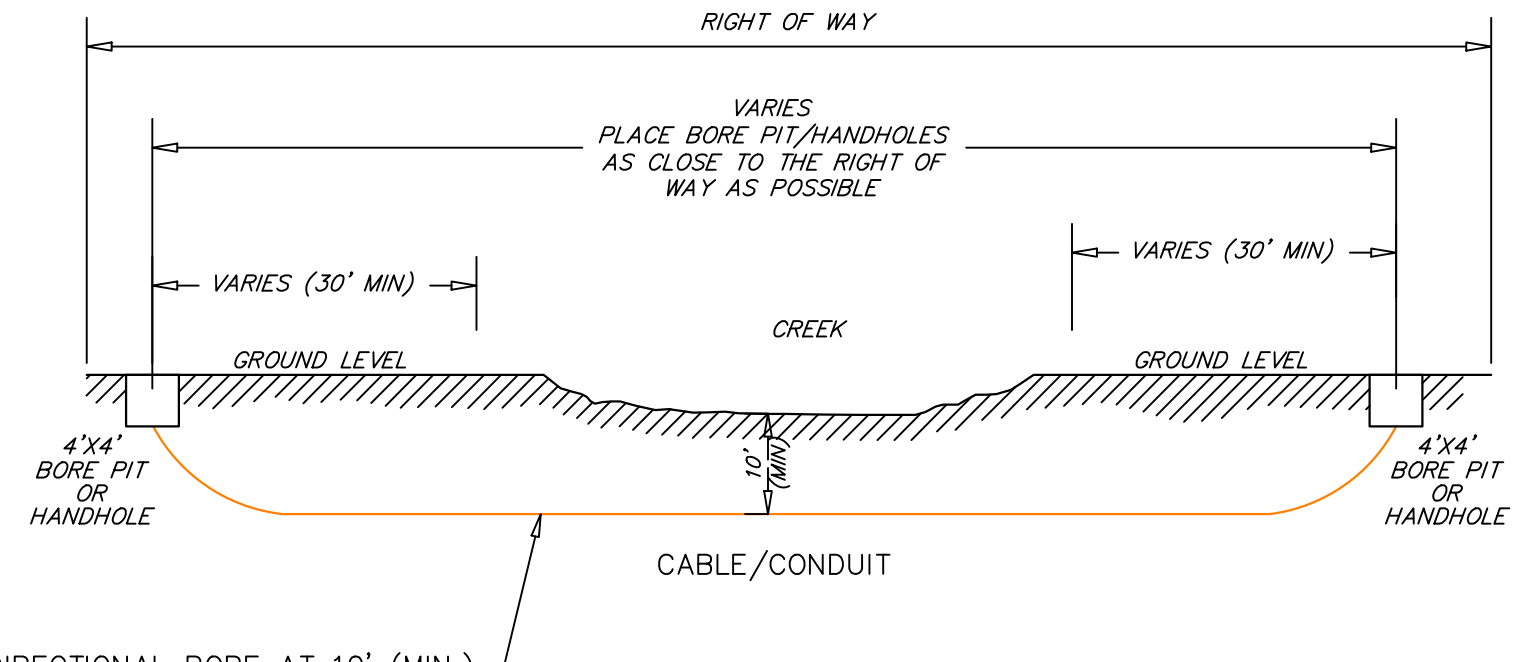
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TYPICAL ROAD/DRIVEWAY CROSSING BORE DETAIL



CABLE/CONDUIT
CROSSING UNDER ROAD (3) 1.5" HDPE
WILL BE PLACED

TYPICAL CREEK CROSSING BORE DETAIL



MAINTAIN DIRECTIONAL BORE AT 10' (MIN.)
DEPTH BELOW FLOWLINE PLACE
(3)-1.5" HDPE CONDUIT CASING

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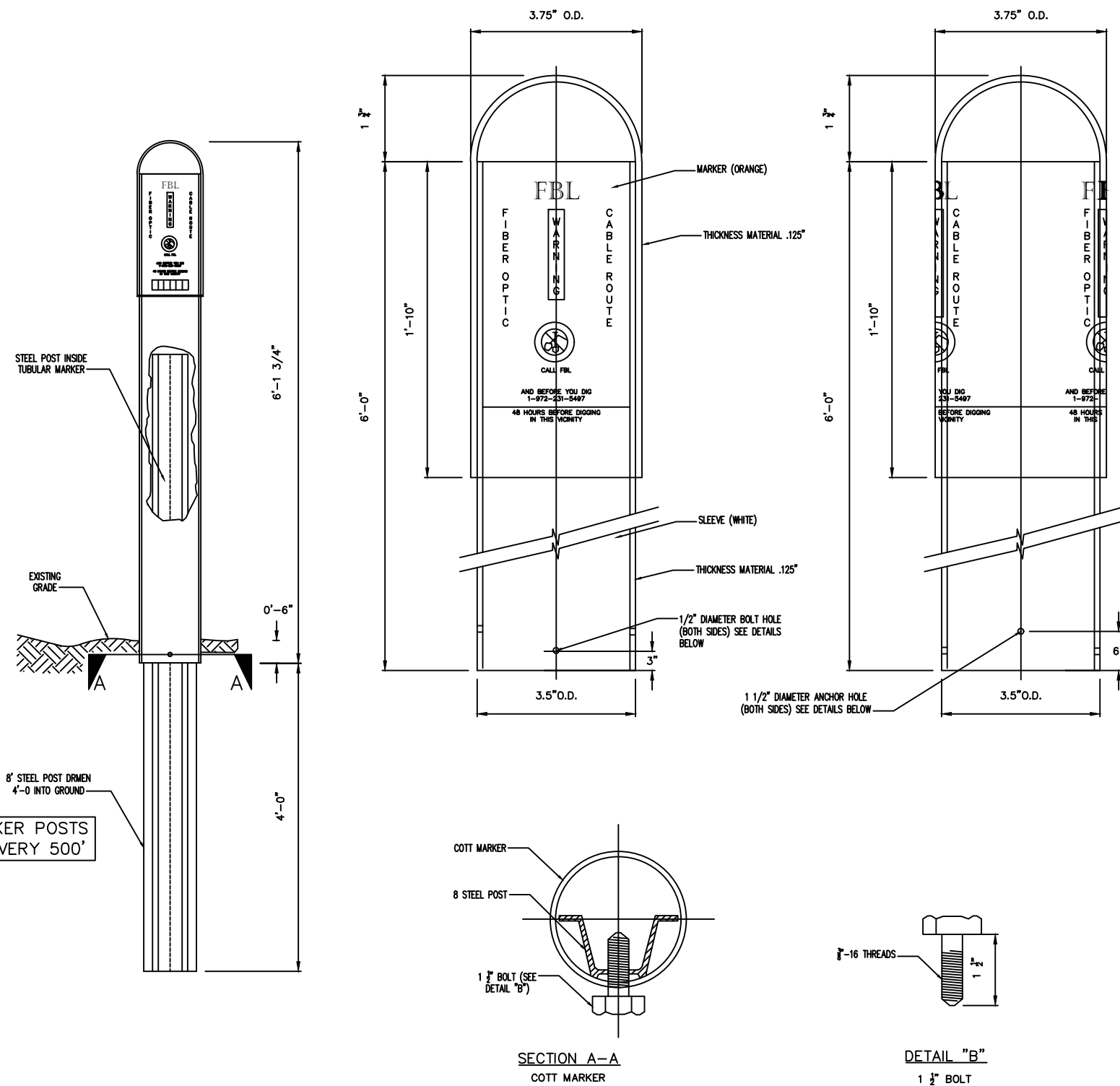
HIDALGO CO, CESAR CHAVEZ ROAD RELOCATION
UTILITY DETAILS 3
REVISION: 0
DATE: 11/11/2025
SHEET #: C-202
SHEET COUNT: 6 OF 8

JUST RIGHT ENGINEERING
TEXAS ENGINEERING FIRM NO. F-24472

FiberLight

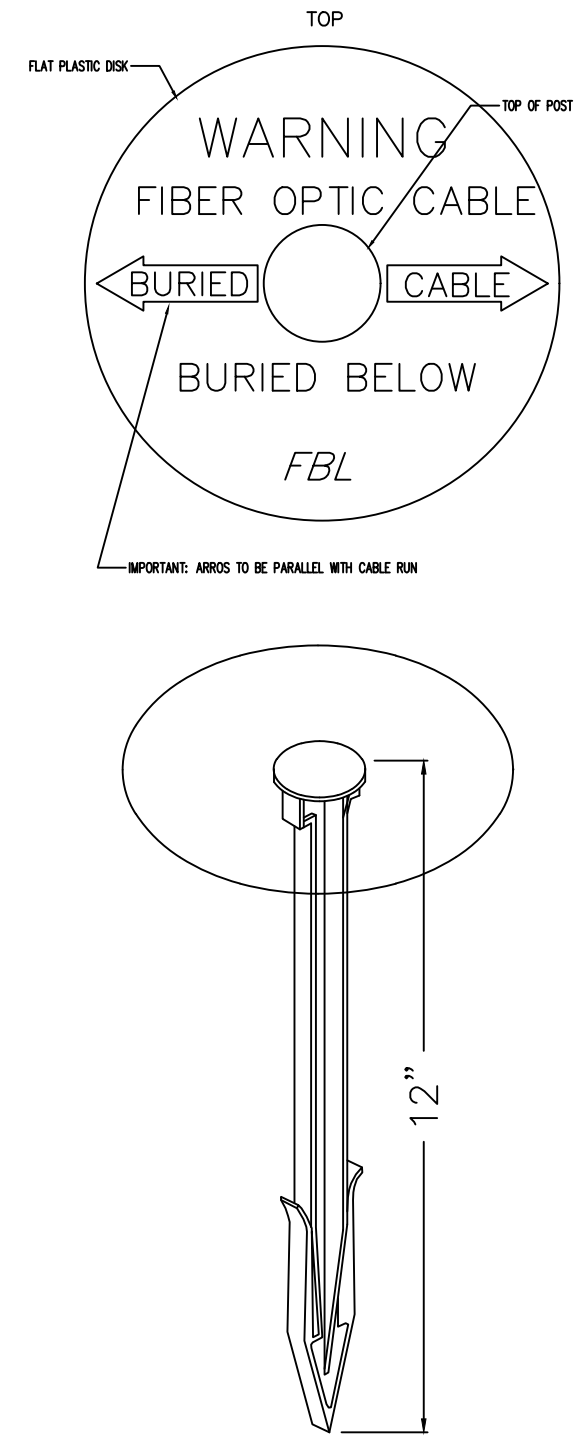
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COTT MARKER INSTALLATION DETAIL



****NOTE: COTT MARKER POSTS TO BE INSTALLED EVERY 500'**

FLAT PLASTIC MARKER



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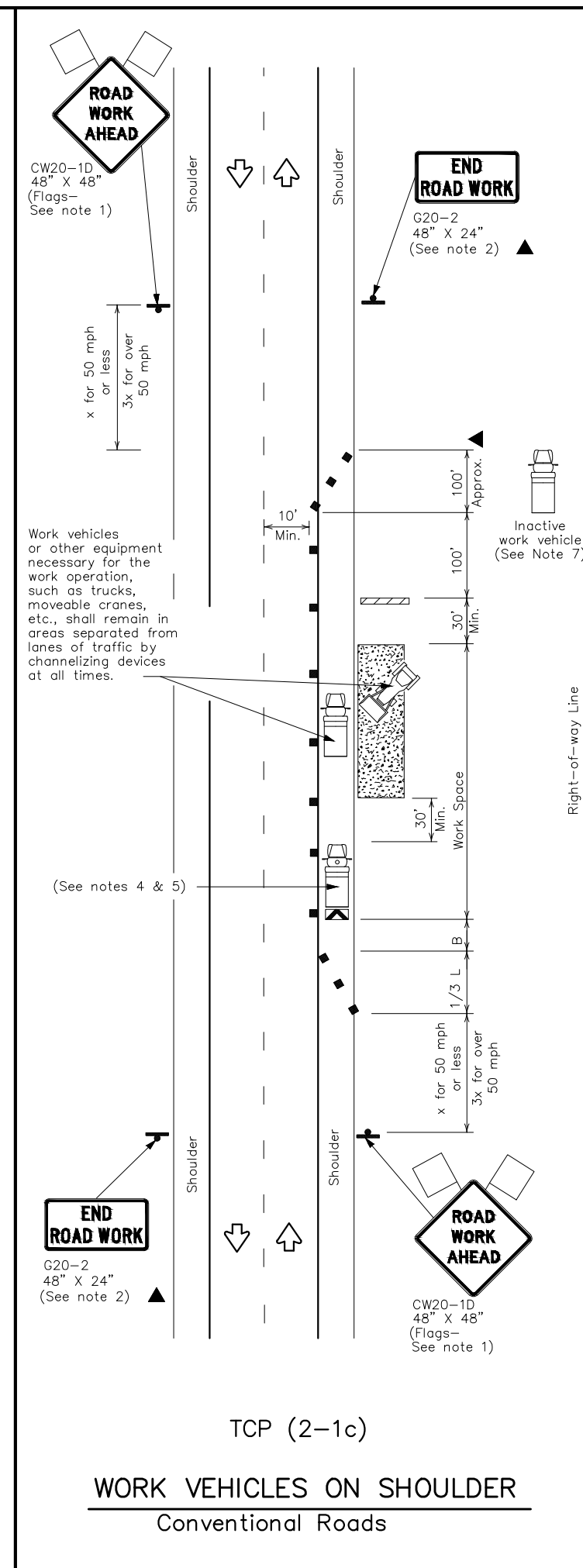
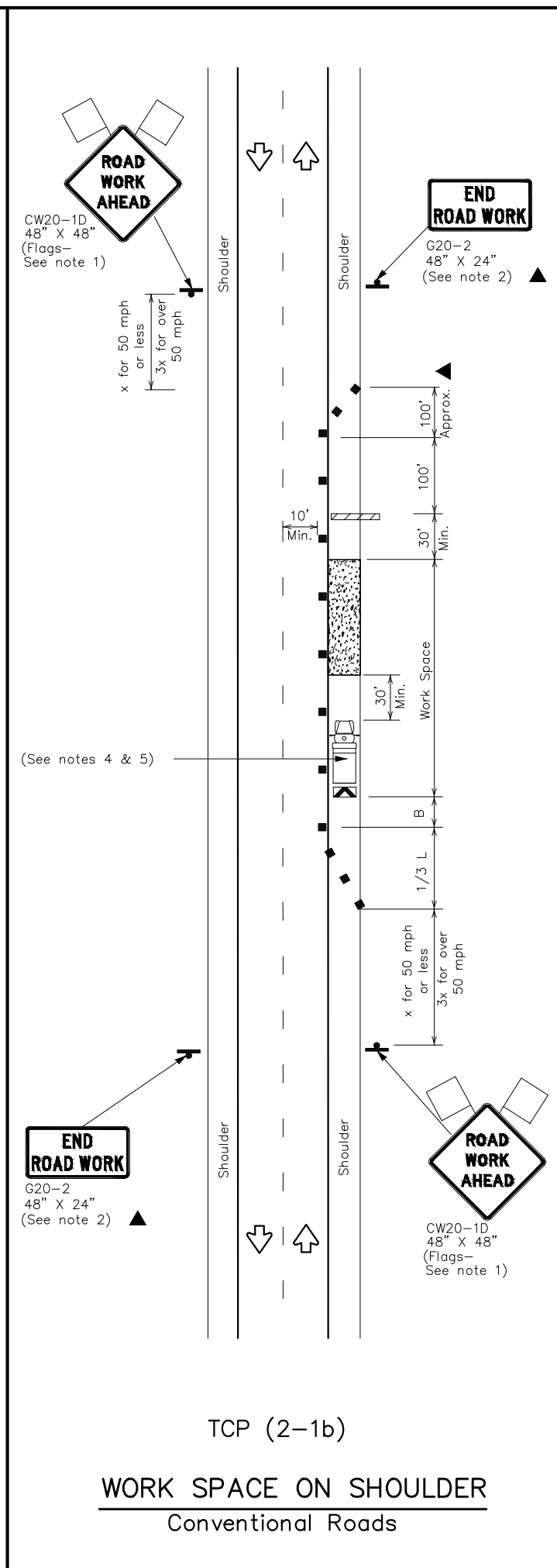
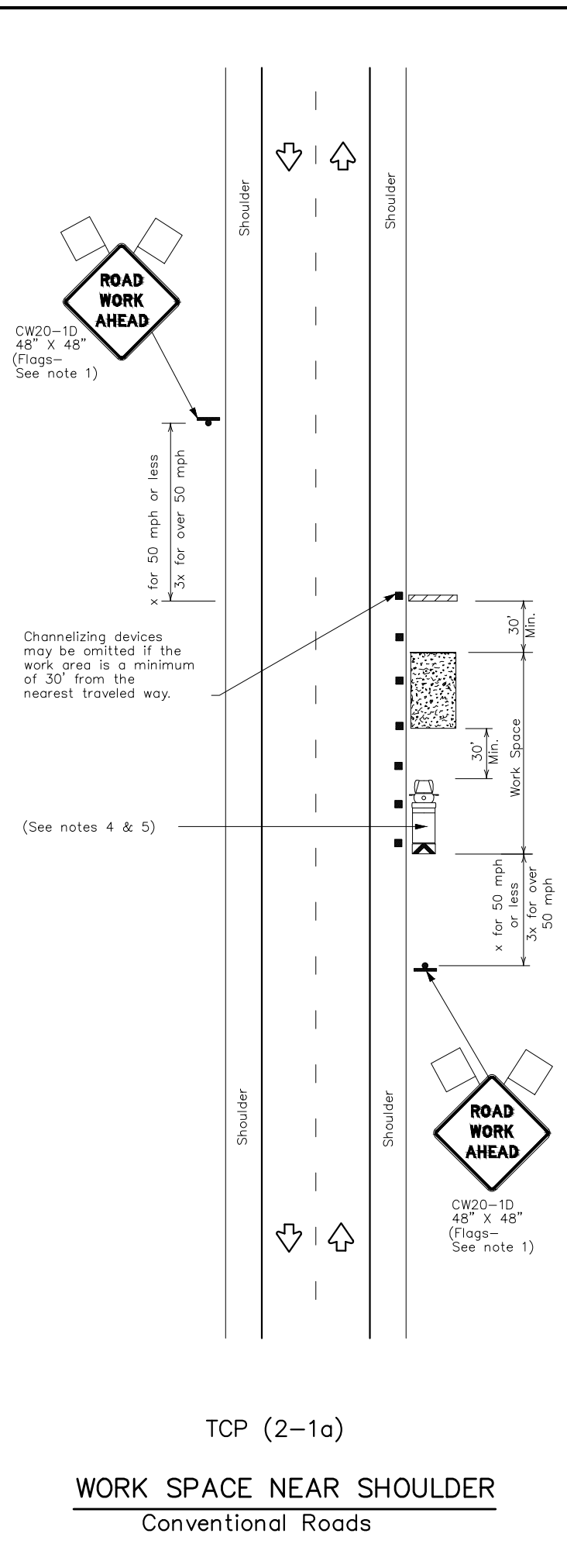
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8. BORE PIT LOCATIONS MAY CHANGE BASED ON FIELD CONDITIONS AS DETERMINED BY CONTRACTOR.

HIDALGO CO, CESAR CHAVEZ ROAD RELOCATION
UTILITY DETAILS 4
REVISION: 0
DATE: 11/11/2025
SHEET #: C-203
SHEET COUNT: 7 OF 8

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DATE:
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" 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 in the plans, or for routine maintenance work, when approved by the Engineer.
 - Stockpiled material should be placed a minimum of 30 feet from nearest traveled way.
 - Shadow Vehicle with TMA and high intensity rotating, flashing, oscillating or strobe lights. 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 a wider work space.
 - See TCP(5-1) for shoulder work on divided highways, expressways and freeways.
 - Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
 - CW21-5 "SHOULDER WORK" signs may be used in place of CW20-1D "ROAD WORK AHEAD" signs for shoulder work on conventional roadways.



**TRAFFIC CONTROL PLAN
CONVENTIONAL ROAD
SHOULDER WORK**

TCP(2-1)-18

FILE: tcp2-1-18.dgn	DN:	CK:	DW:	CK:
©TxDOT December 1985	CONT	SECT	JOB	HIGHWAY
REVISIONS				
2-94 4-98				
8-95 2-12				
1-97 2-18				
DIST	COUNTY			SHEET NO.

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