



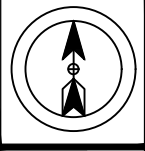
EWR23771-SEFH13106-FB-740053823
LUBBOCK COUNTY PERMIT
PR #52009

PRINTED ON
3/22/26

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PROJECT LAYOUT



PROJECT NUMBER:

740053823

PROJECT TITLE:

SEFH13106

POLYGON ID:

FB

COUNTY/CITY:

LUBBOCK COUNTY

STATE:

TEXAS

WIRE CENTER

HRWD

PR #52009



DATE: 3/1/26

ENGINEERING: THE PERITI GROUP

CHECKED BY: MS

DRAWN BY: AA

REVISIONS

NO.	DATE	DESCRIPTION	BY
1.	1.7.2026	DESIGN CPI	ZA



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SCALE

HORIZONTAL: N/A

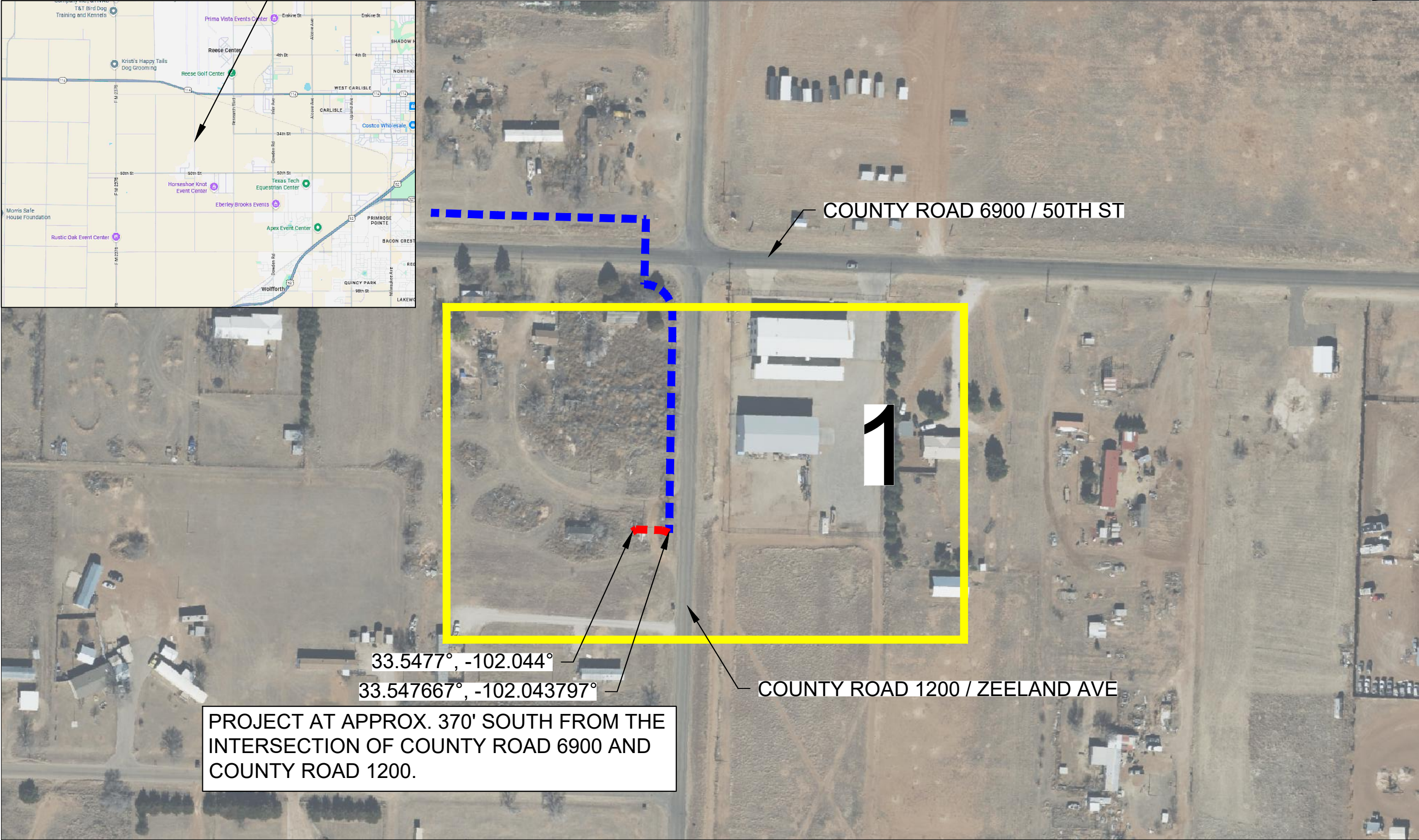
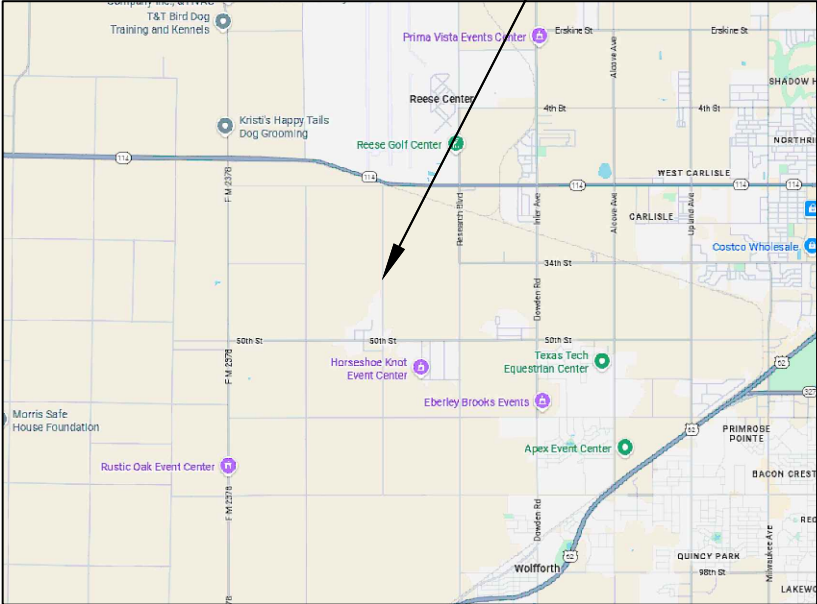
VERTICAL: N/A

SHEET

G2

FILE: SEFH13106_DESIGN.DWG

PROJECT LOCATION



33.5477°, -102.044°

33.547667°, -102.043797°

PROJECT AT APPROX. 370' SOUTH FROM THE INTERSECTION OF COUNTY ROAD 6900 AND COUNTY ROAD 1200.

COUNTY ROAD 6900 / 50TH ST

COUNTY ROAD 1200 / ZEELAND AVE

MAP LINE LEGEND

- PROPOSED AERIAL
- PROPOSED BURIED
- EXISTING FIBER

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING, SUBMITTING AND MAINTAINING THE TRAFFIC CONTROL PLAN TO PERFORM WORK ON PUBLIC STREETS, AND TO INSTALL AND MAINTAIN THE TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE LATEST REVISION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD), AS WELL AS ANY SUCH ADDITIONAL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED TO ENSURE THE SAFE MOVEMENT OF TRAFFIC AND PEDESTRIANS THROUGH OR AROUND THE WORK AREA AND PROVIDE MAXIMUM PROTECTION AND SAFETY TO CONSTRUCTION WORKERS AND THE PUBLIC.

CONTACT SHEET

KINETIC CONTACT

OUTSIDE PLANT ENGINEERING

OUTSIDE PLANT CONSTRUCTION

DESIGN CONTRACTOR

DESIGN FIRM: THE PERITI GROUP, LLC

MINA SHUKRY

CELL: 469-733-9561
E-MAIL: MSHUKRY@THEPERITIGROUP.COM

CONSTRUCTION CONTRACTOR

TEXSTAR ENTERPRISES LLC CONSTRUCTION

RAILROADS

N/A

UTILITIES

ONE CALL SYSTEM (UTILITY LOCATES)

811

NON MEMBERS:

CITY GOVERNMENT

N/A

COUNTY / TOWNSHIP

LUBBOCK COUNTY

STATE GOVERNMENT

N/A

FEDERAL GOVERNMENT

N/A

OTHER

N/A

WIRE CENTER

HRWD



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SCALE

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VERTICAL: N/A

SHEET

G3

FILE: SEFH13106_DESIGN.DWG

WINDSTREAM LEGEND

PROPOSED

- PROPOSED AERIAL FIBER
- PROPOSED BURIED FIBER
- PROPOSED CONDUIT
- PROPOSED MICRODUCT
- PROPOSED 2W MICRODUCT
- PROPOSED DROP

- PROPOSED OLT
- PROPOSED FIBER DISTRIBUTION HUB
- PROPOSED FIBER SPLICE
- PROPOSED AERIAL ENCLOSURE
- PROPOSED BURIED PEDESTAL
- PROPOSED LOOP
- PROPOSED POLE RISER
- PROPOSED FIBER TERMINAL
- PROPOSED FLOWERPOT
- PROPOSED BORE
- BURIED MARKER

EXISTING

- RIGHT OF WAY
- EDGE OF PAVEMENT
- BACK OF CURB
- PROPERTY LINE
- EXISTING AERIAL COPPER CABLE
- EXISTING BURIED COPPER CABLE
- EXISTING AERIAL FIBER
- EXISTING BURIED FIBER
- RAILWAY TRACK
- DITCH

- WS POLE
- FOREIGN POLE
- EXISTING TERMINAL
- STORM INLET
- WATER METER
- FIRE HYDRANT
- WATER VALVE
- ELECTRIC METER
- ELECTRIC BOX
- CLEAN OUT
- MANHOLE
- GAS METER
- GAS VALVE
- HAND HOLE
- PEDESTAL
- POLE
- MULTI DWELLING
- DRIVEWAY



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SCALE

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VERTICAL: N/A

SHEET

G4

FILE: SEFH13106_DESIGN.DWG

CLARIFICATION SUMMARY SHEET

LUBBOCK COUNTY			
INSIDE COUNTY ROW			
	UNIT	DESCRIPTION	QUANTITY
BURIED	FT	12ct FOC (U/G) - PLOWED	-
	FT	24ct FOC (U/G) - PLOWED	-
	FT	48ct FOC (U/G) - PLOWED	50'
	FT	144ct FOC (U/G) - PLOWED	-
	FT	12ct FOC (U/G) - OPEN CUT	-
	FT	24ct FOC (U/G) - OPEN CUT	-
	FT	48ct FOC (U/G) - OPEN CUT	-
	FT	144ct FOC (U/G) - OPEN CUT	-
	FT	DIRECTIONAL BORE IN 1-1/4 HDPE CONDUIT	-
	FT	DRIVE WAY BORE/ DRY BORE	-
	FT	DIRECT BURY MICROCONDUIT	-
	EA	NEW PEDESTAL	-
	EA	NEW FLOWER POT	-
	EA	BURIED MARKER	-
	EA	BORE PIT	-
	FT	12ct FOC (OH) - P-clamp/J-hook	-
	FT	24ct FOC (OH) - P-clamp/J-hook	-
AERIAL	FT	12ct FOC (OH) - LASH TO EXISITNG	-
	FT	24ct FOC (OH) - LASH TO EXISITNG	-
	FT	48ct FOC (OH) - LASH TO EXISITNG	-
	FT	48ct FOC (OH) - NO LASH LINE SYSTEM	-
	FT	144ct FOC (OH) - LASH TO EXISITNG	-
	FT	12ct FOC (OH) - PR 6M STRAND	-
	FT	24ct FOC (OH) - PR 6M STRAND	-
	FT	48ct FOC (OH) - PR 6M STRAND	-
	FT	144ct FOC (OH) - PR 6M STRAND	-
	FT	144ct FOC (OH) - NO LASH LINE SYSTEM	-
	EA	POLE RISER	-
	EA	DOWN GUY & ANCHOR	-
	EA	REMOVE EXISITN POLE	-
	EA	ADD NEW POLE	-

JOB DESCRIPTION	WINDSTREAM IS PROPOSING TO PLOW 50' OF 48CT BURIED FOC THE TOTAL LENGTH IS 50' ALONG LUBBOCK COUNTY, TX.
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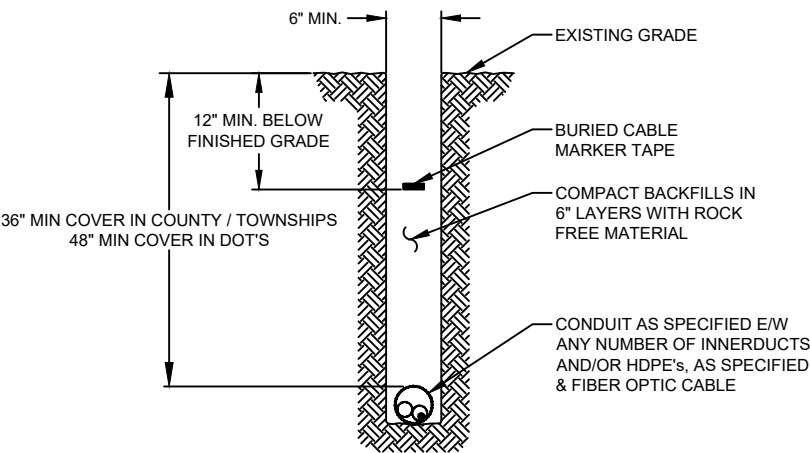
SHEET

P1

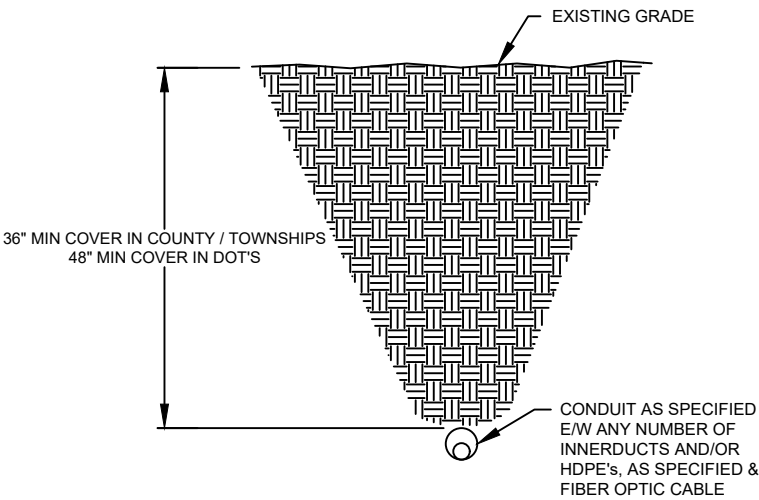
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CONSTRUCTION DETAILS

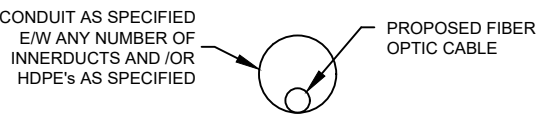
TYPICAL DETAIL "A"
TRENCH & PLACE CONDUIT



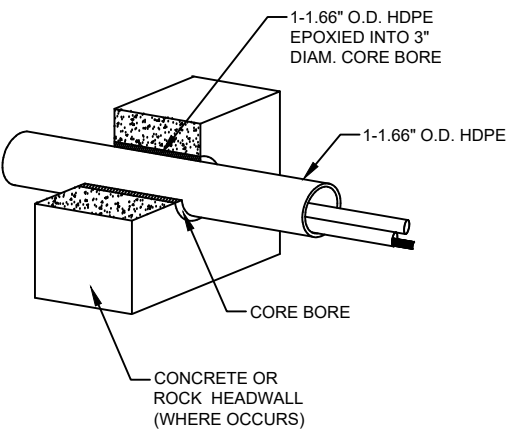
TYPICAL DETAIL "C"
DIRECTIONAL BORE CROSS SECTION
FOR CONDUIT



TYPICAL DETAIL "B"
CROSS SECTION OF PROPOSED HDPE

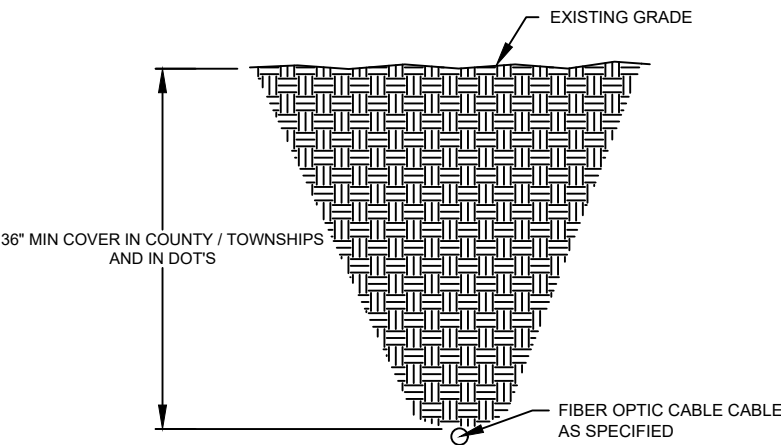


TYPICAL DETAIL "D"
CORE BORE



NOTE:
EPOXY GROUT IS USED AT BOTH ENDS OF CORE BORE TO
SEAL GAP BETWEEN 1-1.660" CONDUIT AND PVC SLEEVE.

TYPICAL DETAIL "E"
DIRECT BURY/ PLOWING CABLE



1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, AND SEQUENCES FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
2. THE CONTRACTOR SHALL VISIT THE JOB SITE TO REVIEW THE SCOPE OF WORK AND EXISTING JOB SITE CONDITIONS.
3. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO SUBMITTING A BID. ANY DISCREPANCIES, CONFLICTS, OR OMISSIONS, SHALL BE REPORTED TO PROJECT MANAGER BEFORE PROCEEDING WITH THE WORK.
4. THE CONTRACTOR SHALL PROTECT ALL AREAS FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGE BY CONTRACTOR TO NEW AND EXISTING CONSTRUCTION, STRUCTURE, LANDSCAPING, OR EQUIPMENT SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE ROW OWNER AND PROJECT MANAGER AT THE EXPENSE OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR, AND SHALL REPLACE OR REMEDY, ANY FAULTY, IMPROPER, OR INFERIOR MATERIALS OR WORKMANSHIP OR ANY DAMAGE WHICH SHALL APPEAR WITHIN ONE YEAR AFTER THE COMPLETION AND ACCEPTANCE OF THE WORK UNDER THIS CONTRACT.
6. THE CONTRACTOR SHALL REMOVE ALL RUBBISH AND WASTE MATERIALS ON A REGULAR BASIS, AND SHALL EXERCISE STRICT CONTROL OVER JOB CLEANING THROUGHOUT CONSTRUCTION UP TO COMPLETION OF WORK.
7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES ADJACENT TO OR CROSSING THE NETWORK ROUTE, WHETHER SHOWN HEREIN OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSES FOR REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY CONTRACTOR IN CONJUNCTION WITH THE EXECUTION OF WORK.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE WHILE THE JOB IS IN PROGRESS AND UNTIL THE JOB IS COMPLETED.
9. THE CONTRACTOR SHALL PROVIDE TEMPORARY WATER, POWER, AND TOILET FACILITIES AS REQUIRED BY THE CITY OR GOVERNING AGENCY.
10. THE CONTRACTOR SHALL NOTIFY PROJECT MANAGER IF DETAILS ARE CONSIDERED UNSUITABLE, UNSAFE, NOT WATERPROOF, OR NOT WITHIN CUSTOMARY TRADE PRACTICE. IF WORK IS PERFORMED, IT WILL BE ASSUMED THAT THERE IS NO OBJECTION TO THE DETAIL. DETAILS ARE INTENDED TO SHOW THE END RESULT OF THE DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS, AND SHALL BE INCLUDED AS PART OF THE WORK.
11. ALL SYMBOLS AND ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED CONSTRUCTION STANDARDS. IF THE CONTRACTOR HAS QUESTIONS REGARDING THEIR EXACT MEANING, TECH GROUP SHALL BE NOTIFIED FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
12. ALL GRADES SHOWN AS PROPOSED FINISHED GRADES INCLUDE SURFACE TREATMENTS SUCH AS TOPSOIL OR PAVEMENT. MAKE ALLOWANCES DURING EARTHWORK OPERATIONS FOR THESE SURFACE TREATMENTS.
13. ALL WORK SHOWN ON THE OSP DRAWINGS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIFICATION 02000 – FOC OSP – CONDUIT SYSTEMS.



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SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET P2

FILE: SEFH13106_DESIGN.DWG

ROAD CROSSING DETAILS



PROJECT NUMBER:

740053823

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SEFH13106

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LUBBOCK COUNTY

STATE:

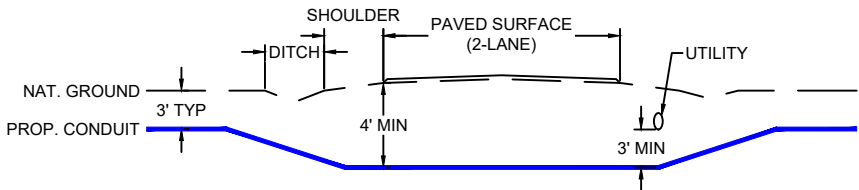
TEXAS

WIRE CENTER

HRWD

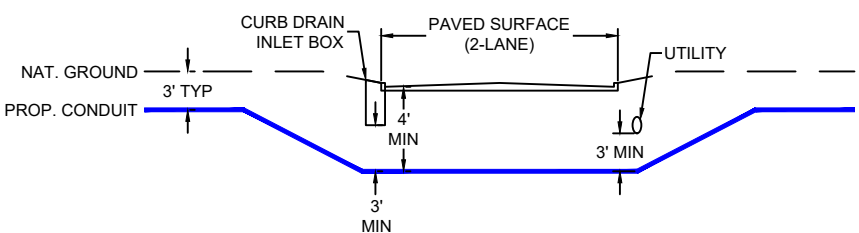
TYPICAL DETAIL "A"

TWO LANE - ASPHALT ROAD - NO CURB



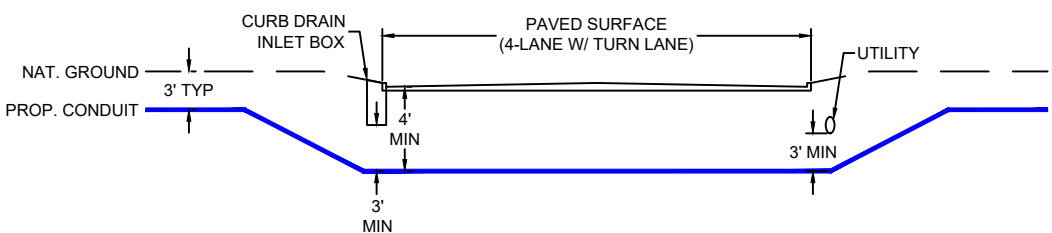
TYPICAL DETAIL "B"

TWO LANE - CURBED ROAD



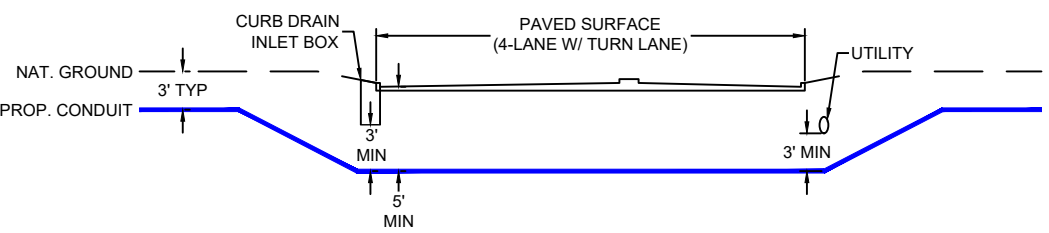
TYPICAL DETAIL "C"

FOUR LANE (W/ TURN LANE) - CURBED ROAD - NO MEDIAN



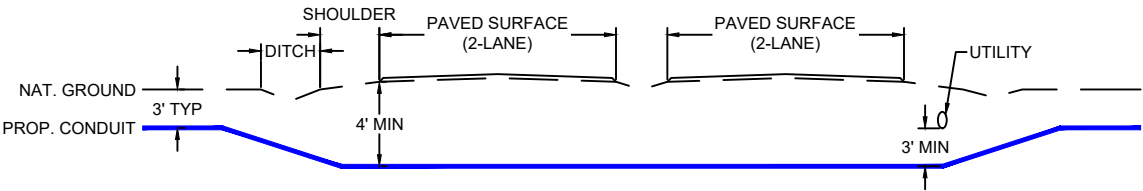
TYPICAL DETAIL "D"

FOUR LANE (W/ TURN LANE) - CURBED ROAD - WITH MEDIAN



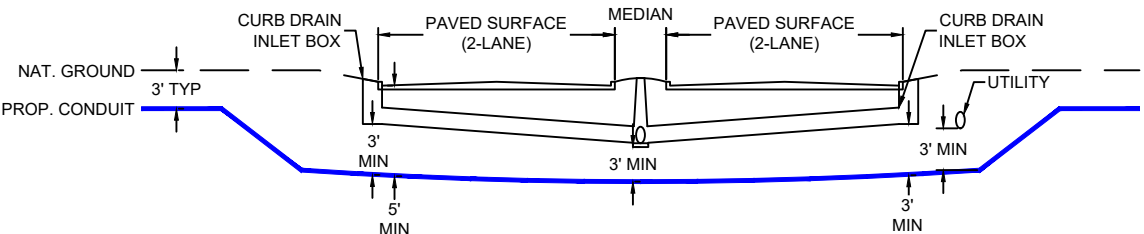
TYPICAL DETAIL "E"

4 LANE - SPLIT ASPHALT ROAD - NO CURB



TYPICAL DETAIL "F"

4 LANE - SPLIT CURBED ROAD



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SCALE

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VERTICAL: N/A

SHEET P3

FILE: SEFH13106_DESIGN.DWG



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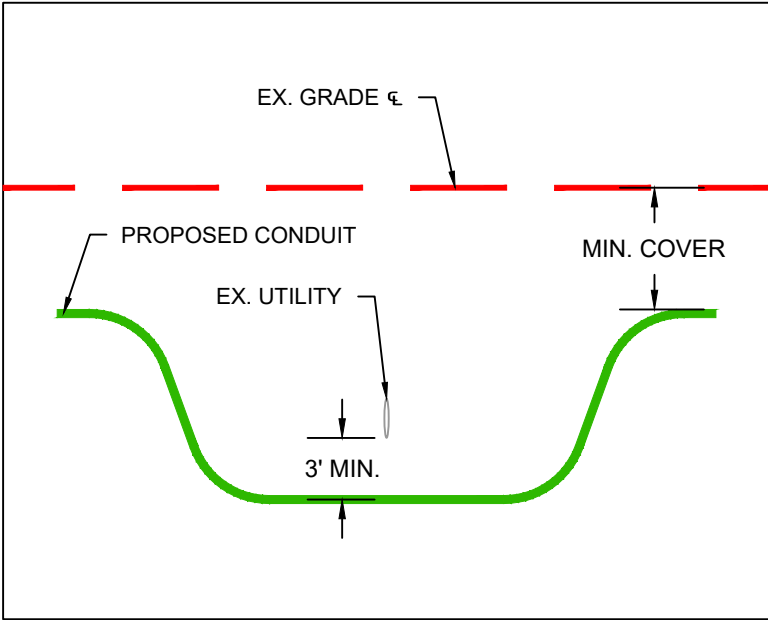
SHEET

P6

FILE: SEFH13106_DESIGN.DWG

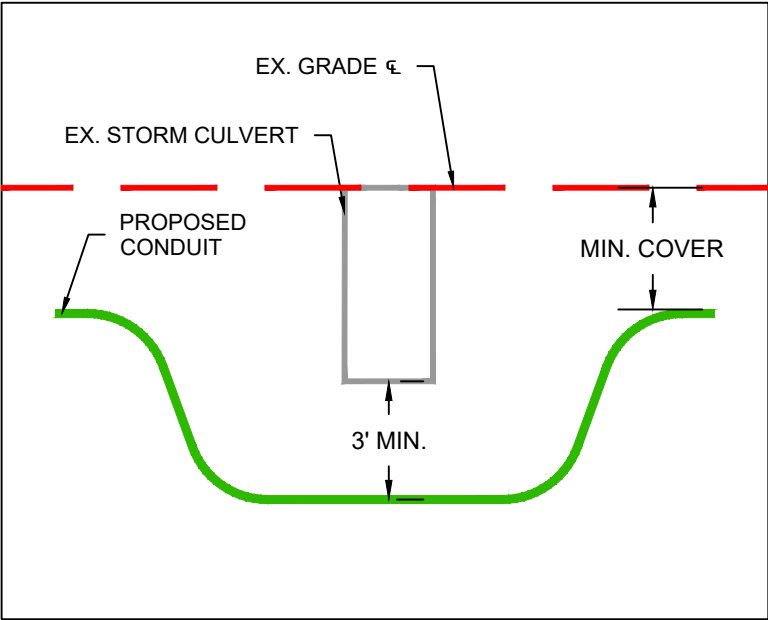
TYPICAL BURIED PROFILES

UTILITY CROSSING



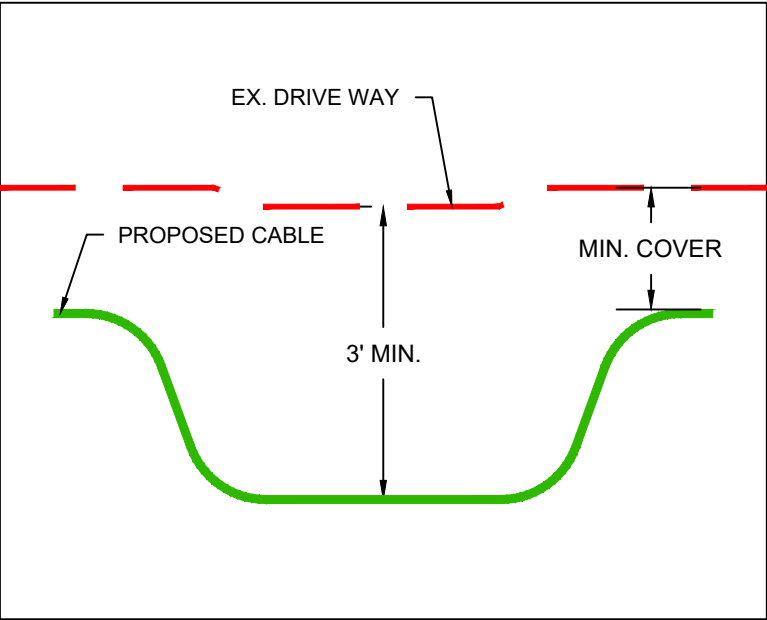
DETAIL A

CULVERT CROSSING



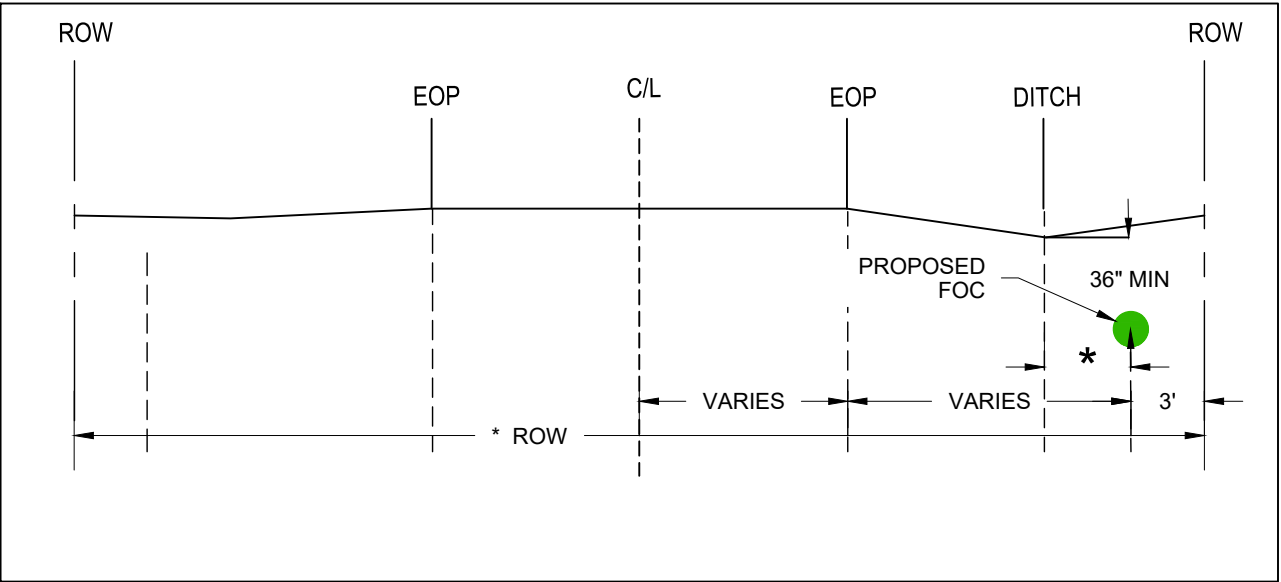
DETAIL B

DRIVE WAY CROSSING



DETAIL C

TYPICAL PARALLEL TO ROW PROFILES



DETAIL F

36" MIN
FROM
BOTTOM OF
DITCH

TRAFFIC CONTROL PLAN



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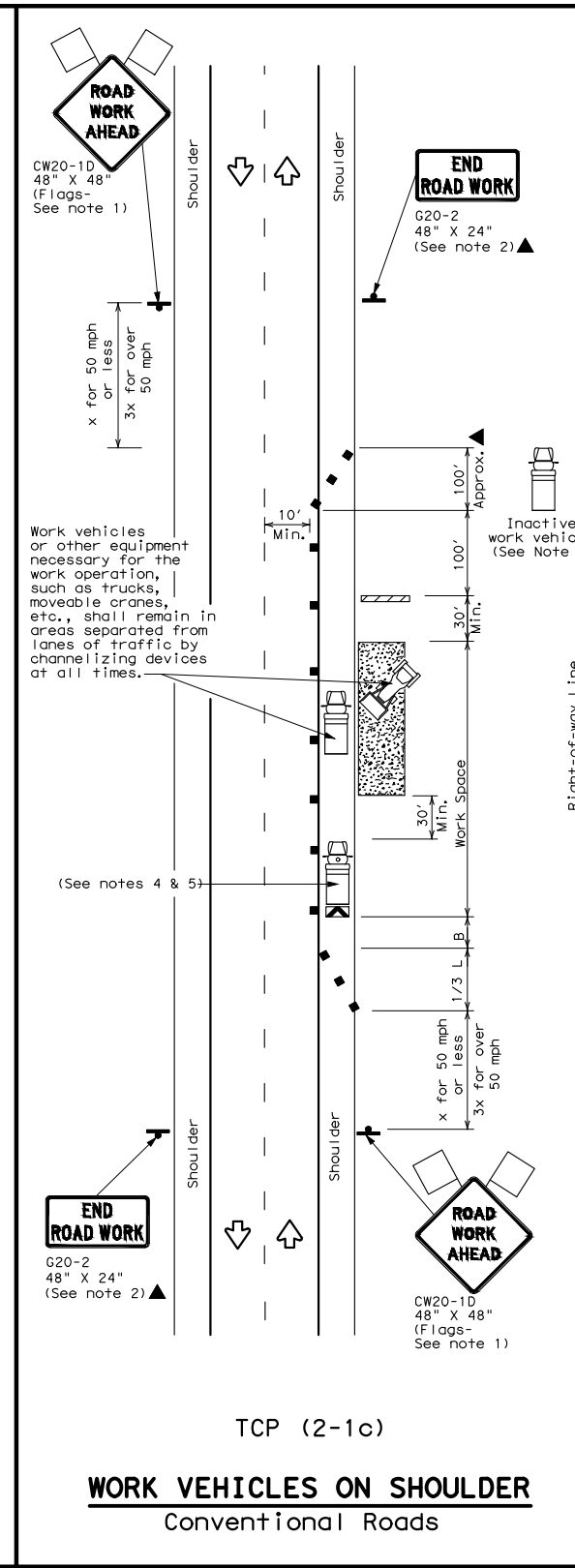
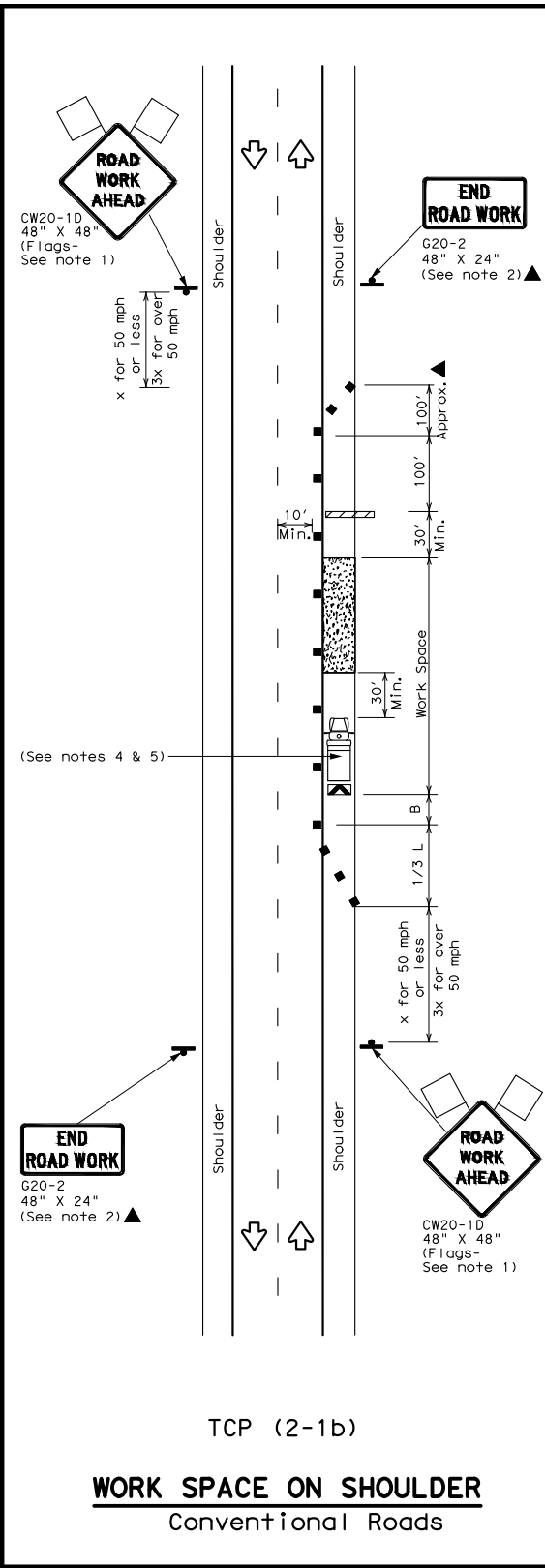
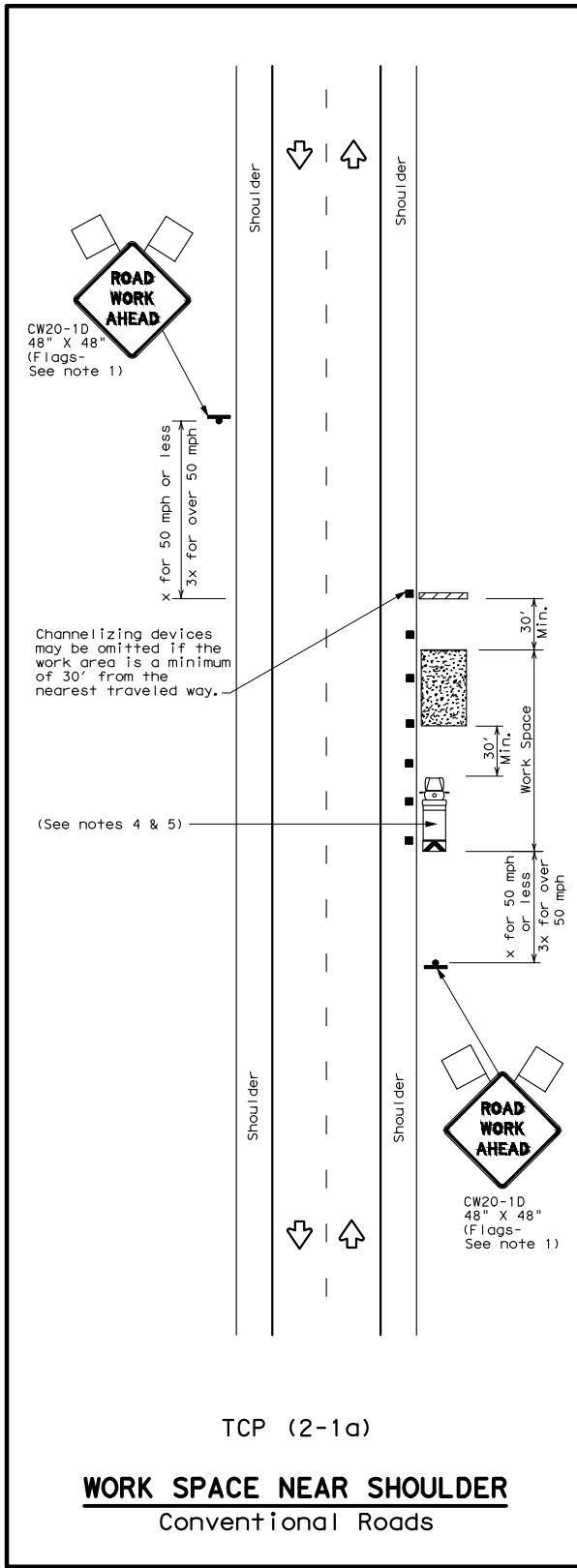
SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET TCP1

FILE: SEFH13106_DESIGN.DWG



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 = 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)

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 CW21-1D "ROAD WORK AHEAD" signs for shoulder work on conventional roadways.

TRAFFIC CONTROL PLAN



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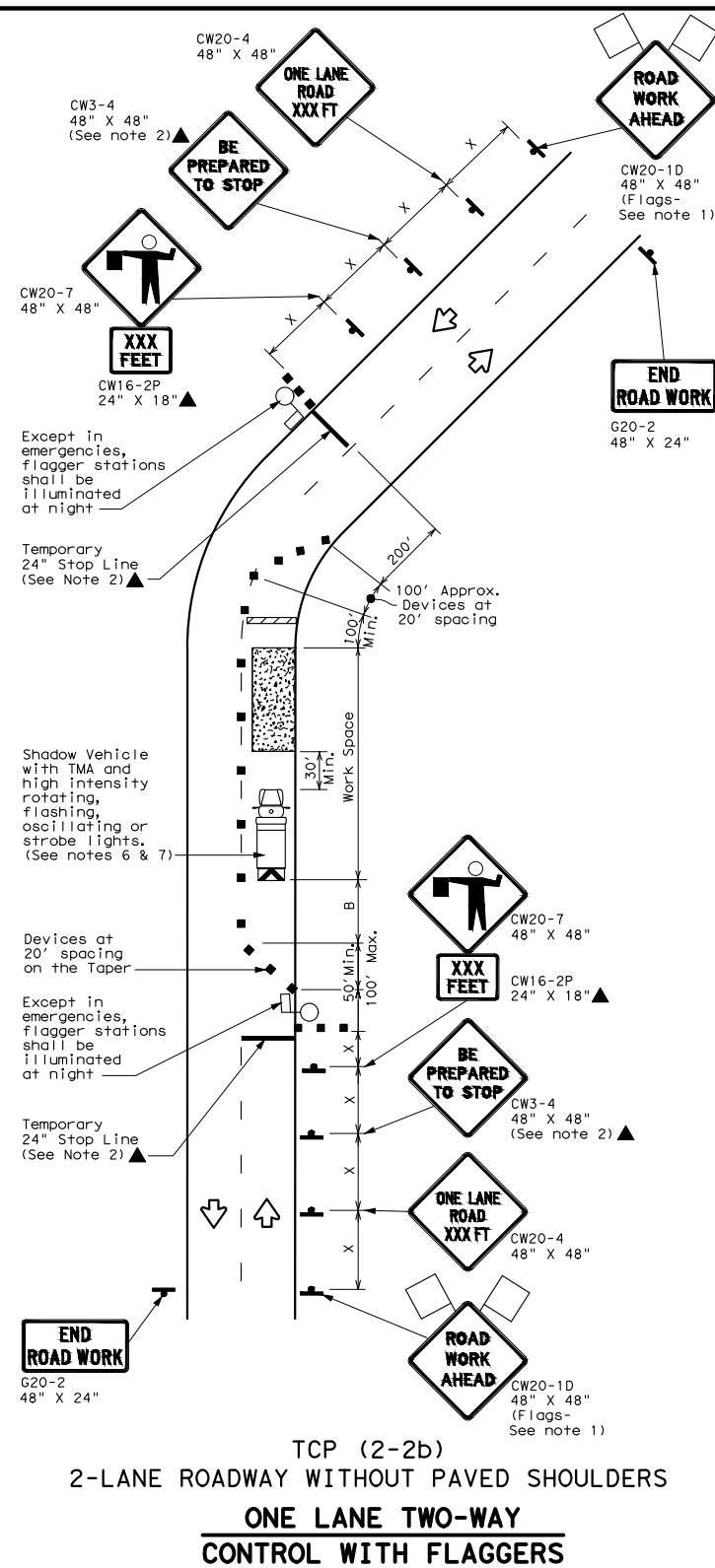
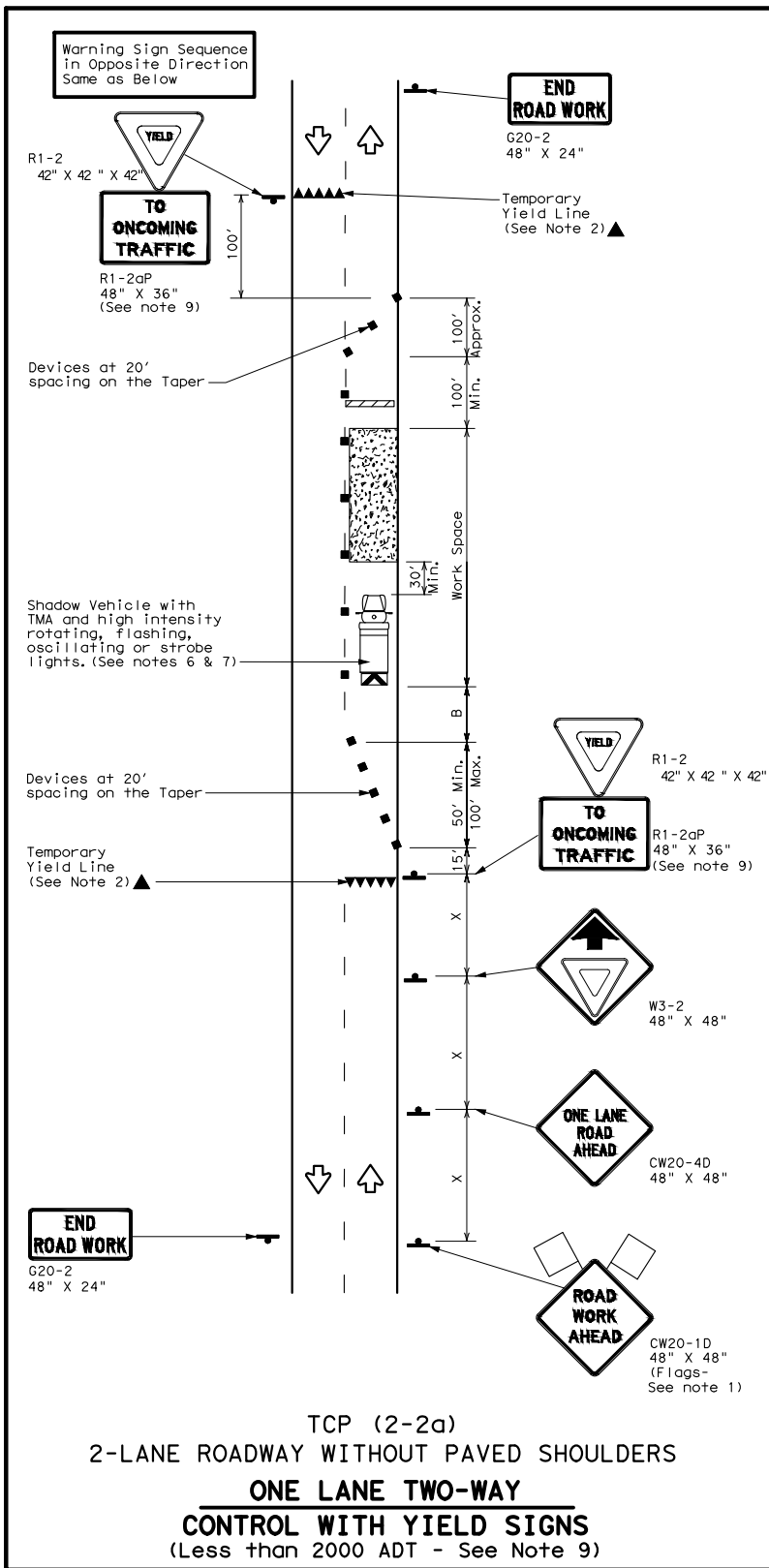
SCALE

HORIZONTAL: N/A

VERTICAL: N/A

SHEET TCP2

FILE: SEFH13106_DESIGN.DWG



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"	Stopping Sight Distance
30	$L = \frac{WS^2}{60}$	10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent	120'	90'	200'
35		150'	165'	180'	30'	60'	160'	120'	250'
40		205'	225'	245'	35'	70'	240'	155'	305'
45	L=WS	265'	295'	320'	40'	80'	320'	195'	360'
50		450'	495'	540'	45'	90'	400'	240'	425'
55		500'	550'	600'	50'	100'	500'	295'	495'
60		550'	605'	660'	55'	110'	600'	350'	570'
65		600'	660'	720'	60'	120'	700'	410'	645'
70		650'	715'	780'	65'	130'	800'	475'	730'
75		700'	770'	840'	70'	140'	900'	540'	820'

* 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.
- The CW3-4 "BE PREPARED TO STOP" sign may be installed after the CW20-4 "ONE LANE ROAD XXX FT" sign, but proper sign spacing shall be maintained.
- Flaggers should use two-way radios or other methods of communication to control traffic.
- Length of work space should be based on the ability of flaggers to communicate.
- 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.

TCP (2-2a)

- The R1-2 "YIELD" sign traffic control may be used on projects with approaches that have adequate sight distance. For projects in urban areas, work space should be no longer than one half city block. In rural areas, roadways with less than 2000 ADT, work space should be no longer than 400 feet.
- The R1-2aP "YIELD TO ONCOMING TRAFFIC" sign shall be placed on a support at a 7 foot minimum mounting height.

TCP (2-2b)

- Channelizing devices on the center line may be omitted when a pilot car is leading traffic and approved by the Engineer.
- If the work space is located near a horizontal or vertical curve, the buffer distances should be increased in order to maintain stopping sight distance to the flagger and a queue of stopped vehicles. (See table above).
- Flaggers should use 24" STOP/SLOW paddles to control traffic. Flags should be limited to emergency situations.

CAUTION!!!
EXIST. BURIED FIBER, TELEPHONE, CATV, GAS, ELECTRIC, WATER,
SANITARY SEWER & STORM SEWER FACILITIES IN CONSTRUCTION
AREA AND HAVE NOT BEEN FIELD LOCATED,CONTRACTOR TO VERIFY
EXACT LOCATION AND DEPTH PRIOR TO ANY DIGGING AND/OR BORING.
IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL
REPLACE THEM AT THEIR OWN EXPENSE.



PROJECT NUMBER:

740053823

PROJECT TITLE:

SEFH13106

POLYGON ID:

FB

COUNTY/CITY:

LUBBOCK COUNTY

STATE:

TEXAS

WIRE CENTER

HRWD



DATE: 3/1/26

ENGINEERING: THE PERITI GROUP

CHECKED BY: MS

DRAWN BY: AA

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1.	1.7.2026	DESIGN CPI	ZA



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SCALE

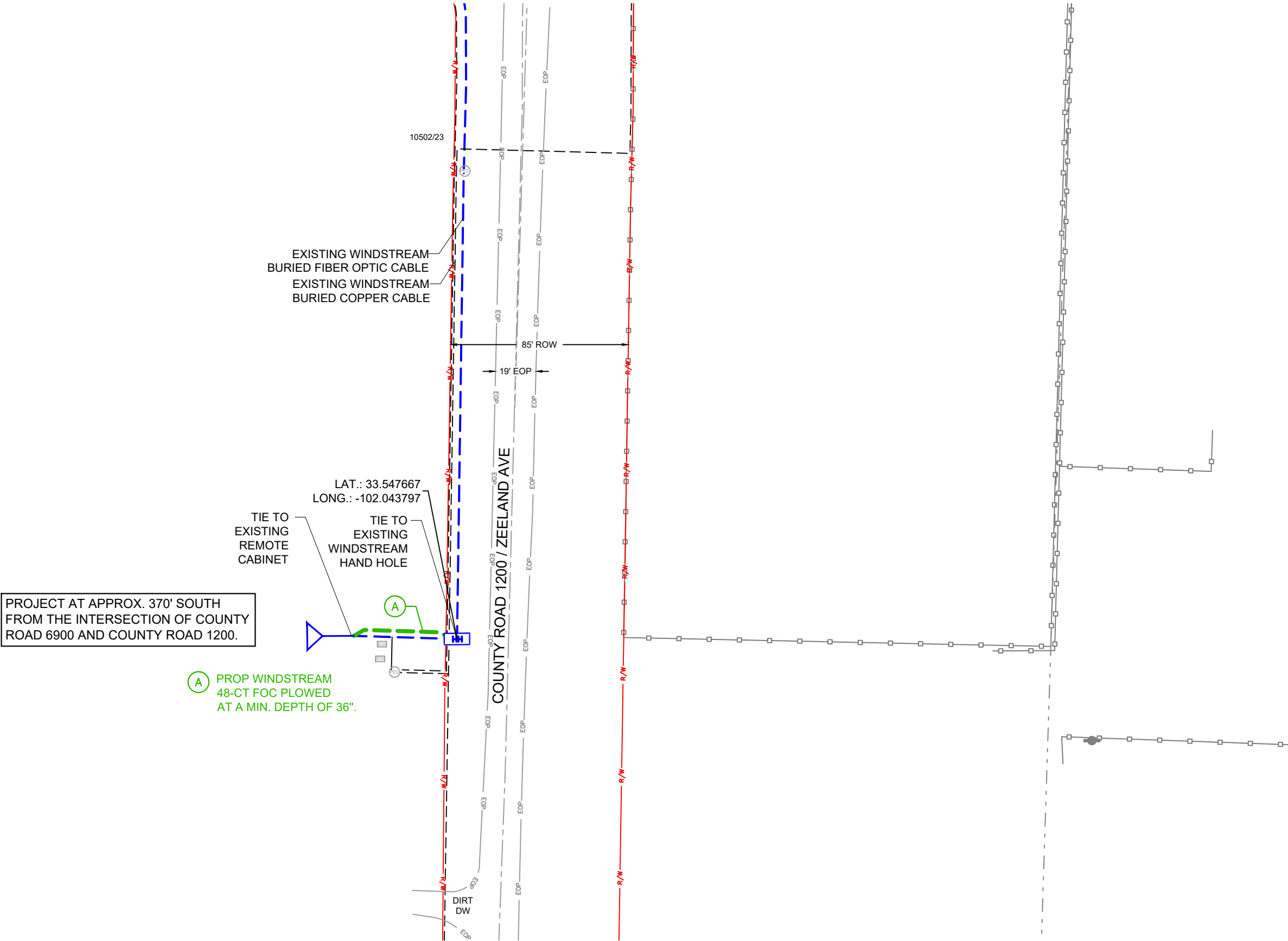
HORIZONTAL: 1" = 50'

VERTICAL: N/A

SHEET

1

FILE: SEFH13106_DESIGN.DWG



RIGHT OF WAY LINES WERE ESTABLISHED BY RESEARCH OF PUBLIC INFORMATION.
NO BOUNDARY SURVEY OR PROPERTY LINE SURVEY WAS ESTABLISHED. RIGHT OF
WAY BOUNDARY MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.