



NAVARRO COUNTY ROAD AND BRIDGE DEPARTMENT

NAVARRO COUNTY COURTHOUSE

300 W. 3RD AVE.

CORSICANA, TEXAS 75110

APPROVAL FORM FOR UTILITY EASEMENTS

Date: 06/09/2022

Applicant: Gregory Benson

Address: 1347 Omega Rd, Farmers Branch, TX, 75244

Phone #: 760-964-1157

Type of utility construction requested: (pipeline and product, cable and type, utility and type:

Contractor to over pull 48 Fiber Cable thru existing Zayo conduit along SE CR 0120 at TX 31 for 725 LF.

Name of Utility Company: Zayo

Location of Utility Construction: (location map must be attached) (see attached map)

Attach location map or drawing, description of proposed utility line and appurtenances fully shown with distance of utility lines being replaced or installed in relationship with County Roads. Show on map or drawing the location of any road bore, length of bore and size of encasement that the utility line will be passing through.

Estimated start date of construction: 06/20/2022

Estimated completion date of construction: 09/20/2022

County of Navarro

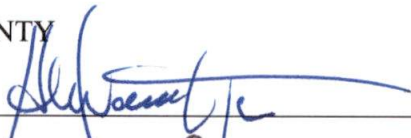
Specifications for placing utilities within Navarro County Right-Of-Way

1. In the event it becomes necessary to alter or relocated the utility for which permission is sought, due to widening or improving the county road within the existing road easement at the point or along the route of said utility construction, applicant or its successor, if any, will perform the alteration or relocation at its own cost and expense, and said company will save and hold harmless Navarro County from any claims, or causes of action due to any claims for damages or injuries sustained by any person or property occasioned by its operation under this permit.
2. All road crossings will be bored unless a variance is granted.
3. All road crossings will at a minimum depth of 60" below the lowest existing grade.
4. All parallel utility construction will be a minimum depth of 60" below existing road grade.
5. All right-of-way disturbed by the utility construction will be restored daily to a condition that is as good or better than before construction.
6. In the event construction is delayed or halted by adverse weather conditions, labor stoppages or mechanical difficulties, the company will insure that all ditches are cleaned and will drain as good or better than before construction.
7. The County Commissioner of said Precinct may require the applicant to file a bond for road repairs and damage repairs in the amount the Commissioner determines to cover damage costs for said job. Upon completion of construction at a road crossing or parallel construction in the Right-of-way, contractor will notify the Commissioner so an inspection can be made.
8. A route map of any proposed pipeline together with cross sections shall be submitted with the application. All road crossings shall be located with GPS coordinates.
9. The applicant in consideration of the approval of this request by the Navarro County Commissioners Court does hereby agree, upon completion of the placement of the utilities as set forth in this request, to return the county road, its right-of-way and any improvements or additions to a condition which, in the opinion of the County Commissioner , equals or exceeds the condition in which said county road or right-of-way prior to the time construction started.
10. The applicant shall indemnify, defend, and hold Navarro County harmless from any obligation or claim for damages that may be alleged or any costs or expenses, including but not limited to, reasonable attorneys' fees arising from the applicant's emplacement of the object in the right-of-way which Navarro County may incur, or any claims Navarro County may be legally required to pay resulting from damages caused by the installation contemplated by this agreement. The applicant shall indemnify, defend, and hold Navarro County harmless at any future date for accidental damages to the above ground and/or buried utilities by road working equipment such as motor graders, posthole diggers, shredders, brush cutters, drainage ditch clearing equipment, etc. In the event such damages should occur, the applicant will be notified immediately.

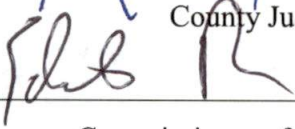
The undersigned agrees that he has read and will abide by all requirements set forth in this form.

Signature of Applicant: 

Date: 06/09/2022

NAVARRO COUNTY
By: 
County Judge

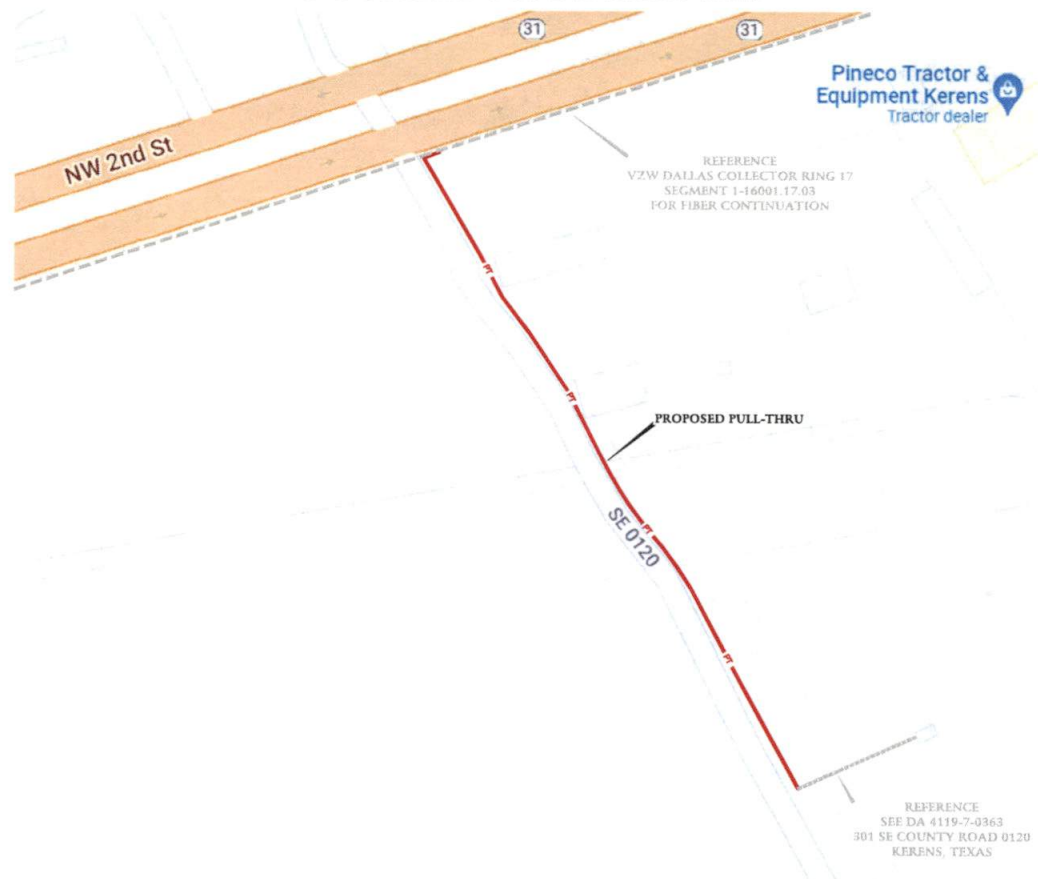
Date: 6-13-22

By: 
Commissioner of Precinct 2

Date: 6-13-2022



301 SE COUNTY ROAD 0120
KERENS, TEXAS
T-MOBILE SITE DA05542A



PREPARED BY:



#22167CS



MATERIAL RAKE-OFF SHEET

OUTSIDE PLANT

DESCRIPTION	QUANTITY	UNITS	NOTES\COMMENTS
DIRECTIONAL BORE	-	L.F.	
48 FIBER CABLE	925'	L.F.	
2-1.25" H.D.P.E.	-	L.F.	
3'x5'x4 HANDHOLE(S)	1	EACH	
PULL-THRU	725'	L.F.	
4" SDR-11	-	L.F.	
TRACER WIRE	-	L.F.	

INSIDE PLANT

DESCRIPTION	QUANTITY	UNITS	NOTES\COMMENTS

REV	DESCRIPTION	BY	APVD	DATE

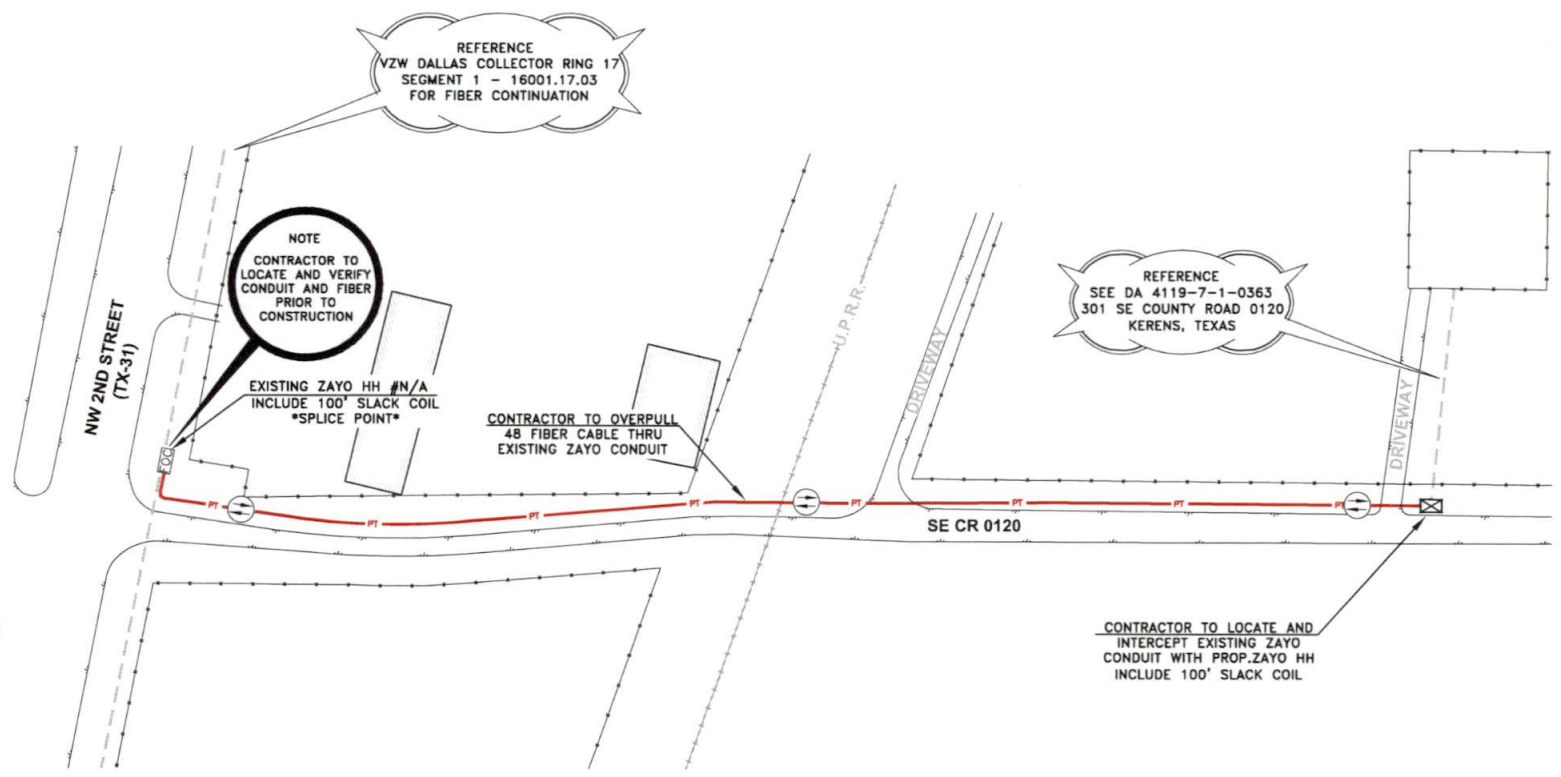
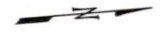


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PROJECT:	301 SE COUNTY ROAD 0120 KERENS, TEXAS	PROJECT CODE:	
TITLE:	FIBER BUILD		
DRAWN	TG&A	DWG NO:	22167MR
APPV		REV	REV
		APPROVED ORIGINAL ISSUE	DATE

FIBER SCHEMATIC SHEET

NOTE:
 TOTAL ZAYO PULL-THRU = 725'
 TOTAL ZAYO 48 FIBER CABLE = 925'



REFERENCE
 VZW DALLAS COLLECTOR RING 17
 SEGMENT 1 - 16001.17.03
 FOR FIBER CONTINUATION

NOTE
 CONTRACTOR TO
 LOCATE AND VERIFY
 CONDUIT AND FIBER
 PRIOR TO
 CONSTRUCTION

EXISTING ZAYO HH #N/A
 INCLUDE 100' SLACK COIL
 SPlice POINT

CONTRACTOR TO OVERPULL
 48 FIBER CABLE THRU
 EXISTING ZAYO CONDUIT

REFERENCE
 SEE DA 4119-7-1-0363
 301 SE COUNTY ROAD 0120
 KERENS, TEXAS

CONTRACTOR TO LOCATE AND
 INTERCEPT EXISTING ZAYO
 CONDUIT WITH PROP.ZAYO HH
 INCLUDE 100' SLACK COIL

CONTRACTORS:
 IT IS THE RESPONSIBILITY OF THE
 UTILITY OWNER TO CONTACT THE
 TxDOT AREA OFFICE, THROUGH THE
 UIR SYSTEM, 48 HOURS PRIOR TO
 STARTING CONSTRUCTION.

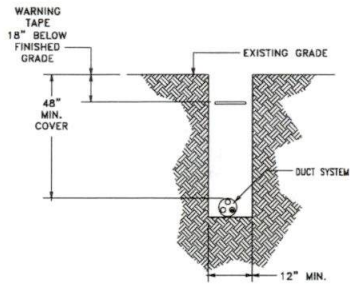


301 SE COUNTY ROAD 0120
 KERENS, TEXAS



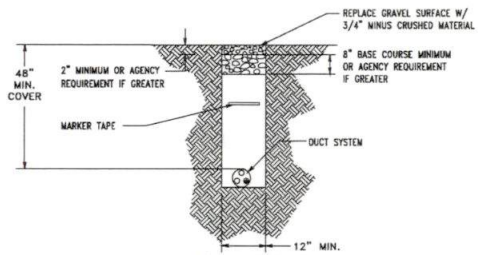
#22167FS1

TYPICAL TRENCH DETAILS



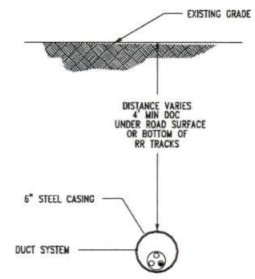
NOTE: BACKFILL WITH NATIVE ROCK FREE MATERIAL OR AS DIRECTED BY CITY - COMPACT TO DENSITY REQUIRED BY CITY

TYPICAL TRENCH IN EARTH
N.T.S.

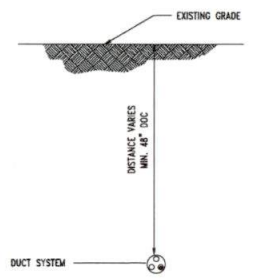


NOTE: BACKFILL WITH NATIVE ROCK FREE MATERIAL OR AS DIRECTED BY CITY - COMPACT TO 95%

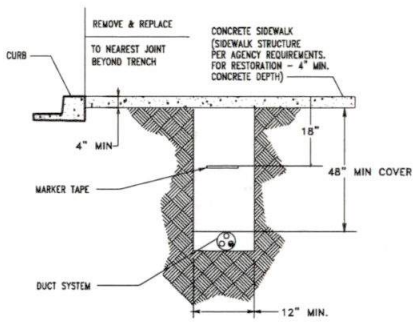
TYPICAL TRENCH IN GRAVEL
N.T.S.



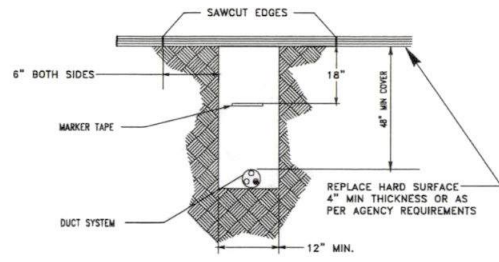
TYPICAL JACK AND BORE
N.T.S.



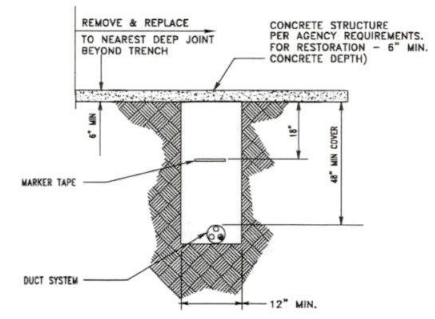
TYPICAL DIRECTIONAL BORE
N.T.S.



CONCRETE SIDEWALK RESTORATION
N.T.S.



ASPHALT PAVEMENT RESTORATION
N.T.S.



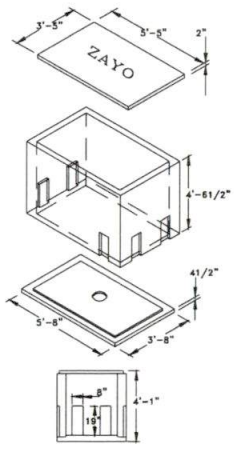
CONCRETE PAVEMENT RESTORATION
N.T.S.

REV	DESCRIPTION	BY	APVD	DATE



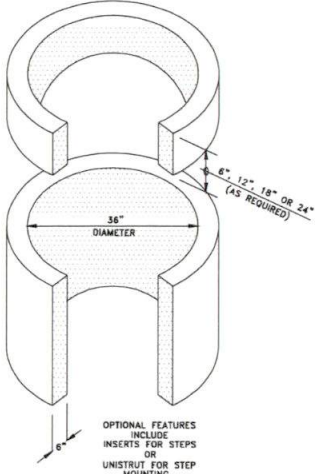
PROJECT:	301 SE COUNTY ROAD 0120 KERENS, TEXAS	PROJECT CODE:	
TITLE:	FIBER BUILD		
DRAWN:	TG&A	DWG NO:	22167DT
APPV:		REV:	
APPROVED ORIGINAL ISSUE:		DATE:	

MANHOLE & HANDHOLE DETAILS

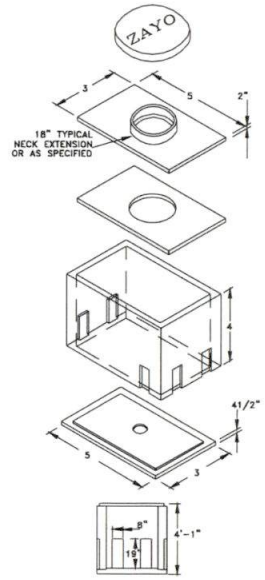


3' x 5' x 4'-0" PRE-CAST HANDHOLE

APPROXIMATE NECK EXTENSION WEIGHTS
 6" 450 LBS.
 12" 850 LBS.
 18" 1250 LBS.
 24" 1650 LBS.

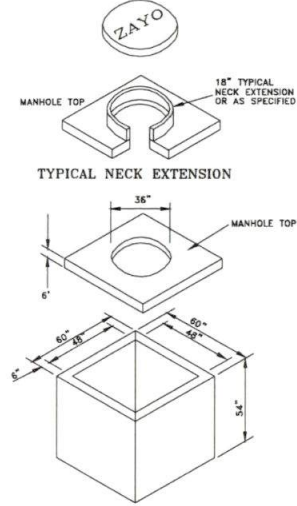


OPTIONAL FEATURES INCLUDE
 INSERTS FOR STEPS
 OR
 UNISTRUT FOR STEP MOUNTING

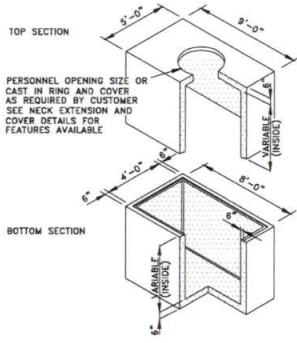


3' x 5' x 4' PRE-CAST MANHOLE

ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4500 psi.
 REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 60, A706 GRADE 60 OR A497 GRADE 70. BAR BENDING AND PLACEMENT SHALL COMPLY WITH THE LATEST ACI STANDARDS.
 STANDARD STRUCTURAL DESIGN IS BASED ON AASHTO HS 20 WHEEL LOADING.
 WATER TABLE IS AT 3'-0" BELOW GRADE FOR STANDARD STRUCTURAL DESIGN.
 THE STANDARD DESIGN IS BASED ON THE TOP AT ANY ELEVATION BETWEEN FINISHED GRADE AND 5'-0" BELOW GRADE. THE STRUCTURE SHALL BE PLACED ON A COMPACTED GRANULAR BASE TO INSURE UNIFORM DISTRIBUTION OF SOIL PRESSURES.
 SPECIAL DESIGNS BASED ON OTHER LOADINGS OR DEEPER INSTALLATION DEPTHS ARE LOADINGS OR KNOCKOUTS, OR PIPE OPENINGS CAN BE PROVIDED IN THE SIZE AND LOCATIONS REQUIRED.
 INSERTS, PULLING IRONS OR SUMPS CAN BE SUPPLIED AS REQUESTED

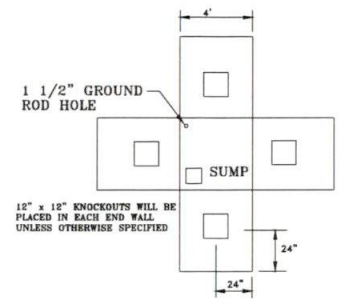


4' x 4' x 4' PRE-CAST MANHOLE
 6" WALLS - 6" ROOF
 48" HEADROOM



48-M
 4'-0" x 8'-0" QUIKSET
 2-PIECE MANHOLE

APPROXIMATE TOP OR BOTTOM WEIGHTS
 2'-0" INSIDE 7500 LBS.
 2'-6" INSIDE 8300 LBS.
 3'-0" INSIDE 9300 LBS.
 3'-6" INSIDE 10300 LBS.
 4'-0" INSIDE 11200 LBS.
 MINIMUM EXCAVATION 7'-0" x 11'-0"



35-M
 3'-0" x 5'-0" QUIKSET
 2-PIECE MANHOLE

APPROXIMATE TOP OR BOTTOM WEIGHTS
 2'-0" INSIDE 4600 LBS.
 2'-6" INSIDE 5200 LBS.
 3'-0" INSIDE 5900 LBS.
 3'-6" INSIDE 6600 LBS.
 4'-0" INSIDE 7300 LBS.
 MINIMUM EXCAVATION 6'-0" x 8'-0"

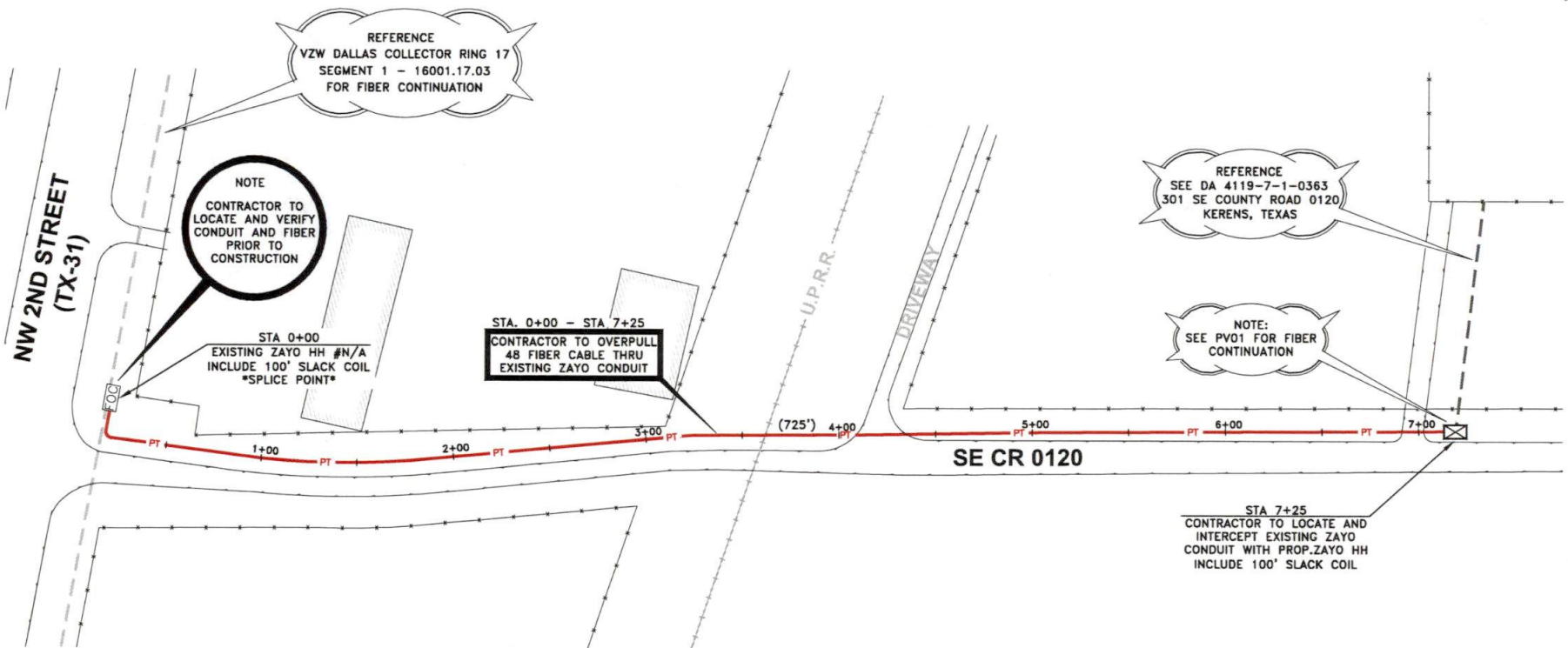
REV	DESCRIPTION	BY	APVD	DATE



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APPV:		REV:	
APPROVED ORIGINAL ISSUE:		DATE:	

NOTE:
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 TOTAL ZAYO 48 FIBER CABLE = 825'

PULL-THRU SCHEMATIC SHEET



REFERENCE
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 SEGMENT 1 - 16001.17.03
 FOR FIBER CONTINUATION

NOTE
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 PRIOR TO
 CONSTRUCTION

STA 0+00
 EXISTING ZAYO HH #N/A
 INCLUDE 100' SLACK COIL
 SPlice POINT

STA. 0+00 - STA 7+25
 CONTRACTOR TO OVERPULL
 48 FIBER CABLE THRU
 EXISTING ZAYO CONDUIT

REFERENCE
 SEE DA 4119-7-1-0363
 301 SE COUNTY ROAD 0120
 KERENS, TEXAS

NOTE:
 SEE PV01 FOR FIBER
 CONTINUATION

STA 7+25
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PREPARED BY:

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301 SE COUNTY ROAD 0120
 KERENS, TEXAS

#22167PT01

NOTE

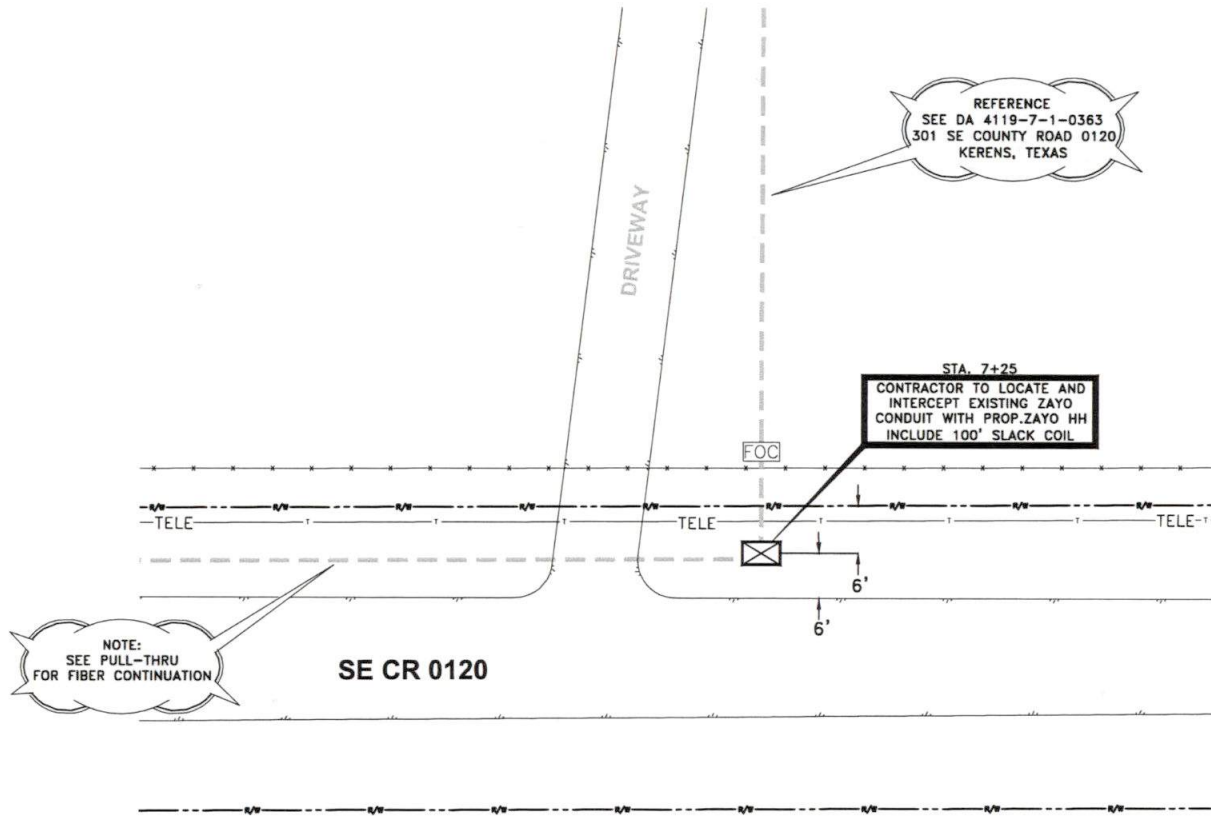
UTILITY & R.O.W. REPRESENTED ON PLANS ARE BASED ON RECORDS NOT ON BOUNDARY SURVEY & FIELD EXPOSURES

301 SE COUNTY ROAD 0120

KEREN, TEXAS



SCALE 1"=16'



NOTE:
SEE PULL-THRU
FOR FIBER CONTINUATION

STA. 7+25
CONTRACTOR TO LOCATE AND INTERCEPT EXISTING ZAYO CONDUIT WITH PROP. ZAYO HH INCLUDE 100' SLACK COIL

ESTIMATED SHEET TOTALS

DIR. BORE	-
48 FIBER CABLE	100'
2-1.25" H.D.P.E.	-
3'x5'x4' HH	1
R/R	-



CAUTION:
CONTRACTOR TO LOCATE & VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION

REV	DESCRIPTION	BY	APVD	DATE



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TYPE:	FIBER BUILD		
DRAWN:	TC&A	DWG NO.:	22167PV01
APPV:		APPROVED ORIGINAL ISSUE DATE:	
		REV	REV DATE