zayo®

FIBER OPTIC CABLE NETWORK

POINT TO POINT CONNECTION

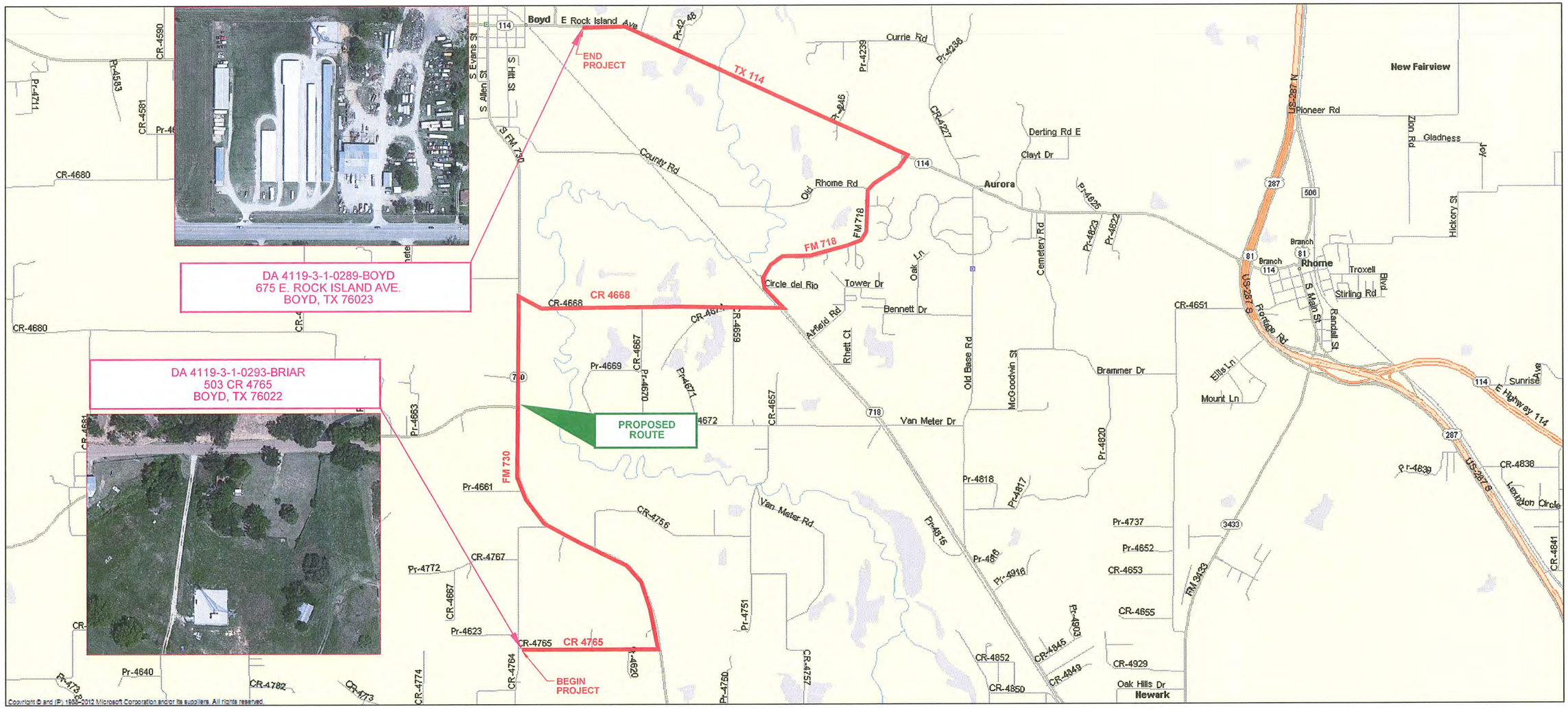
VZW FIBER TO THE TOWER
BRIAR TO BOYD
CR4668 FROM FM730 TO FM718
WISE COUNTY, TX

CONSTRUCTION
FEBRUARY 15, 2016
REVISION: AUGUST 8, 2016

ENGINEERING CONTRACTOR:
GXT
1130 East Arapaho Road, Suite 625
Richardson, TX 75081
Phone: 469.385.5163
Fax: 469.385.5164

FWT_ZAY059_C_PTP_TYP_001.DWG

MAP SHEET



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WISE COUNTY, TX

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LEGEND OF SYMBOLS

FOREIGN MKR
FOREIGN MKR
EXIST. MKR
EXIST. MKR
PROP. MKR
PROP. MKR

BUILDING
HATCH SCALE: 1/2 OF SCALE FACTOR

EQUATION	POINT OF INTERSECTION
STA 0+00 BK = STA 0+00 AH	STA 0+00 BK = STA 0+00 AH

STATION TIC MARK–OTHERS (O–TIC–UP) 0+00
STATION TIC MARK–OTHERS (O–TIC–DN) 0+00
STATION TIC MARK (TIC–UP) **0+00**
STATION TIC MARK (TIC–DN) **0+00**

CAUTION NOTE — U/G UTILITIES CAUTION !!! IN AREA — U/G UTILITIES CAUTION !!! IN AREA

PROP. AERIAL SPLICE POINT — 100'
EXIST. AERIAL SPLICE POINT — 100'
PROP. AERIAL CABLE SLACK LOOP — 100'
EXIST. AERIAL CABLE SLACK LOOP — 100'
PROP. RISER — RISER, A, AERIAL, U/G
EXIST. RISER — RISER, A, AERIAL, U/G
AERIAL SPAN FOOTAGES — 000
EXIST. ANCHOR AND GUY
EXIST. S/W ANCHOR AND GUY
PROP. ANCHOR AND GUY
PROP. S/W ANCHOR AND GUY
REMOVE SYMBOL (REM) — ×
SIGN

TREE
TREE LINE OR BUSH
FIRE HYDRANT
WATER SPRINKLER
WATER METER — W
WATER VALVE — W
GAS METER — GM
GAS VALVE
EXIST. HH
PROP. HH (REGULAR HANDHOLE)
EXIST. MH
PROP. 4'X4'X4' MH
UNKNOWN MH
E–MH — E
SS–MH — S
WW–MH — W
STM–MH — D
W–MH — W
TEL–CABINET
PROP–TEL–MH
TEL–MH — T
TEL–PED
TEL–HH — T
CATV–MH — TV
CATV–PED
STM–INLET — FOC, BOC
STM–INLET — BOC, FOC
STM–DRAIN
STREET LIGHT
TRAFFIC SIGNAL LIGHT POLE
PROP. UTILITY POLE
PROP–UTIL–POLE–WITH–RISER
X–UTIL–POLE
X–UTIL–POLE–WITH–RISER
UTIL–HH — H
ROW–MKR
PARKING METER — PM
PULLBOX — PB
PULLBOX — MB
R/R SIGNAL BOX
R/R X–ING — R/R

000 MILE MKR IN FIELD
000 MILE MKR NOT IN FIELD

PROP. BRIDGE
EXIST. BRIDGE
PROP. CULVERT
EXIST. CULVERT
PROP. CULVERT
EXIST. CULVERT
ROAD CURB
BLOCK: X–EOP–DWN
ROAD EOP
BLOCK: X–EOP–UP
PROP–ROAD CURB
BLOCK: P–EOP–DWN
PROP–ROAD EOP
BLOCK: P–EOP–UP
PROP. S/W — S/W
EXIST. S/W — S/W
C/L RAILROAD TRACK
TOE OF SLOPE
TOP OF SLOPE
DITCH LINE
12"STM — STM
12" RCP/STM
24" RCP/STM
UNK. CONDUIT
STEAM — ST

CONCRETE ENCASED OR CAPPED HDPE
STEEL CASING
BSP/GSP OR SPLIT BSP/GSP CONDUIT
PVC OR SPLIT PVC CONDUIT
DIR. BORE — DB
TRENCH OR PLACE — H
EXIST. CONDUIT
UTILITY EASEMENT
RIGHT–OF–WAY — R/W
PROPERTY LINE — P/L
CITY LIMITS — CITY LIMITS
SECTION LINE — SECTION LIMIT
CENTER LINE — C/L
FENCE LINE
R/W AND FENCE LINE — R/W
GUARD RAIL
GUARD RAIL
TV
T
QWE
MCI
L3
SBC
SPR
E
OE
24" PIPELINE — G
8"G — G
W
8"W — W
S
8"S — S
SS
8"SS — SS
WW
8"WW — WW

ENGINEERING CONTRACTOR:	REV	DESCRIPTION	BY	APVD	DATE
GXT 1130 East Arapaho Road, Suite 625 Richardson, TX 75081 Phone: 469.385.5163 Fax: 469.385.5164	–	–	–	–	–

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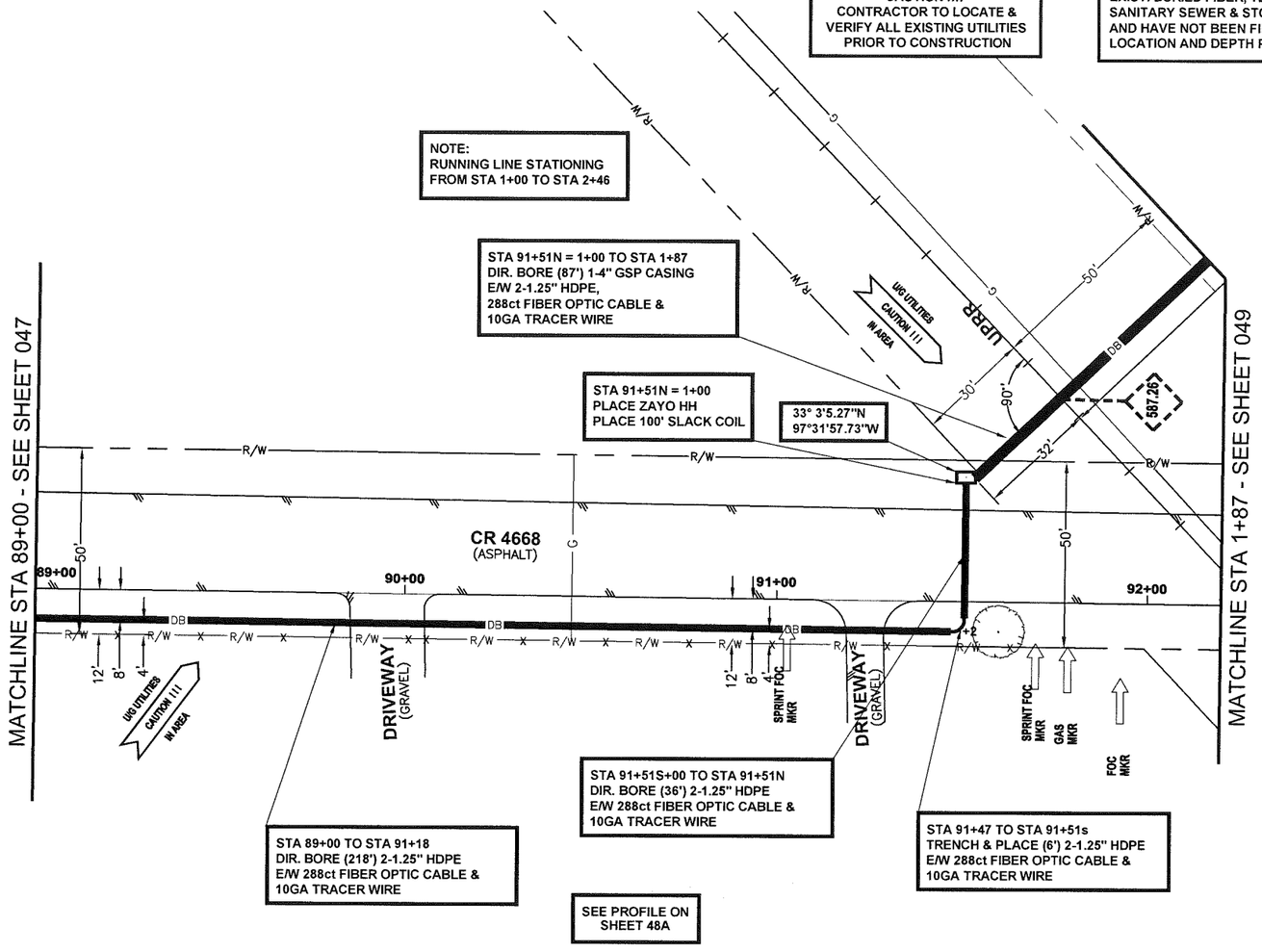
INFORMATION ON THIS DOCUMENT IS PROPRIETARY AND SHALL NOT BE USED, COPIED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF CARRIER

PROJECT: BRIAR TO BOYD – POINT TO POINT
WISE COUNTY, TX
PROJECT CODE: ZAY059
TITLE: LEGEND AND SYMBOLS
DRAWN GXT
APPV –
SHEET 006 OF 011
DWG NO: FWT_ZAY059_L_PTP_TYP_006.DWG
REV –
APPROVED ORIGINAL ISSUE 02/15/16

WISE COUNTY



DESCRIPTION	UNIT	QUANTITY
288ct FIBER OPTIC CABLE (AERIAL)	FT	–
288ct FIBER OPTIC CABLE (RISER)	FT	–
288ct FIBER OPTIC CABLE NEW (U/G)	FT	346
6M STRAND	FT	####
1–4" GALV. U–GUARD E/W 2–1.25" HDPE	FT	##
DOWN GUY & ANCHOR	EA	–
OVERHEAD GUY	FT	–
AERIAL SLACK LOOP	FT	–
TRENCH 2–1.25" HDPE	LF	6
DIR. BORE 2–1.25" HDPE	LF	254
DIR. BORE 1–4" GSP CASING	LF	86
1.25" HDPE	FT	692
10GA TRACER WIRE	FT	346
36"X60"48" HH	EA	1
3'X5'X4' MH	EA	–
PULL CABLE THRU EXIST. AT&T CONDUIT	FT	–
PULL CABLE THRU EXIST. ZAYO CONDUIT	FT	–
1–4" CORE BORE	EA	–
SLACK COIL IN HH/MH	FT	100
REMOVE & RESTORE CONCRETE S/W	SF	–
REMOVE & RESTORE CONCRETE PAVEMENT	SF	–
REMOVE & RESTORE ASPHALT PAVEMENT	SF	–
288ct FIBER OPTIC CABLE (TOTAL)	FT	446

CALL BEFORE YOU DIG
1-800-245-4545
48 HOURS NOTICE REQUIRED

Know what's **below.**
Call before you dig.

NOTE:
UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTOR RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

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Richardson, TX 75081
Phone: 469.385.5163
Fax: 469.385.5164

REV	DESCRIPTION	BY	APVD	DATE
1	REVISION	GXT	–	6/16
2	REVISION	GXT	–	7/21/16
3	REVISION	GXT	–	8/8/16
4	REVISION	GXT	–	8/10/16
–	–	–	–	–
–	–	–	–	–
–	–	–	–	–

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PROJECT: BRIAR TO BOYD – POINT TO POINT
WISE COUNTY, TX
PROJECT CODE: ZAY059
TITLE: POINT TO POINT
BRIAR TO BOYD – POINT TO POINT
DRAWN GXT
APPV –
SHEET 048 OF 085
DWG NO: FWT_ZAY059_P-PTP_048.DWG
REV –
APPROVED ORIGINAL ISSUE 02/15/16

WISE COUNTY

MATCHLINE STA 89+00 - SEE SHEET 047

PROFILE
SOUTH SIDE OF CR 4668
LOOKING NORTH

SCALE
HOR: 1" = 40'
VER: 1" = 10'

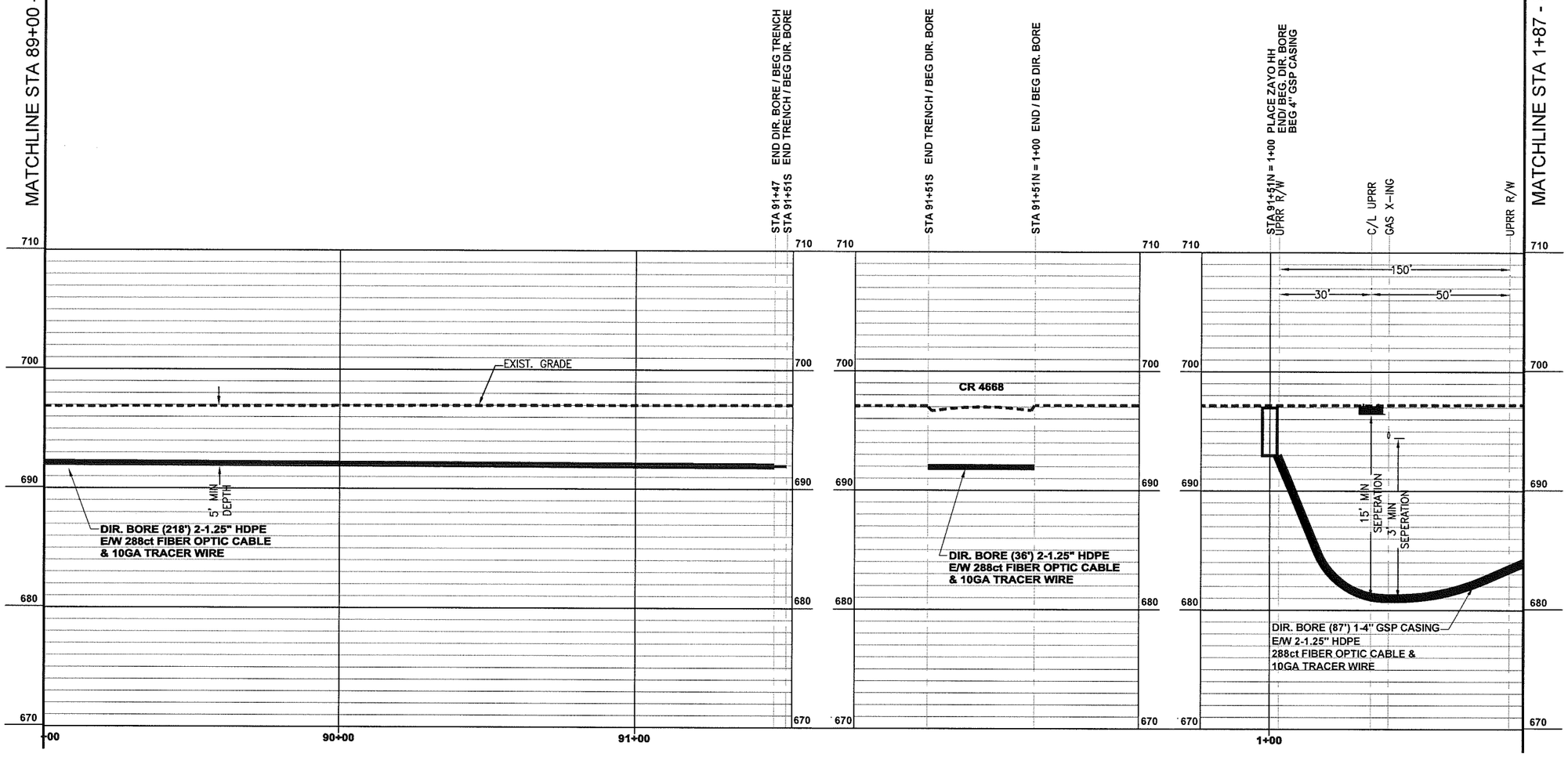
PROFILE
CROSSING CR 4668
LOOKING EAST

SCALE
HOR: 1" = 40'
VER: 1" = 10'

PROFILE
NORTH SIDE OF CR 4668
LOOKING NORTH

SCALE
HOR: 1" = 40'
VER: 1" = 10'

MATCHLINE STA 1+87 - SEE SHEET 49A



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WISE COUNTY, TX
PROJECT CODE: ZAY059

TITLE: POINT TO POINT
BRIAR TO BOYD – POINT TO POINT

DRAWN GXT
APPV –
DWG NO: FWT_ZAY059_P-PTP_048A.DWG
REV –
SHEET 048A OF 085
APPROVED ORIGINAL ISSUE 02/15/16

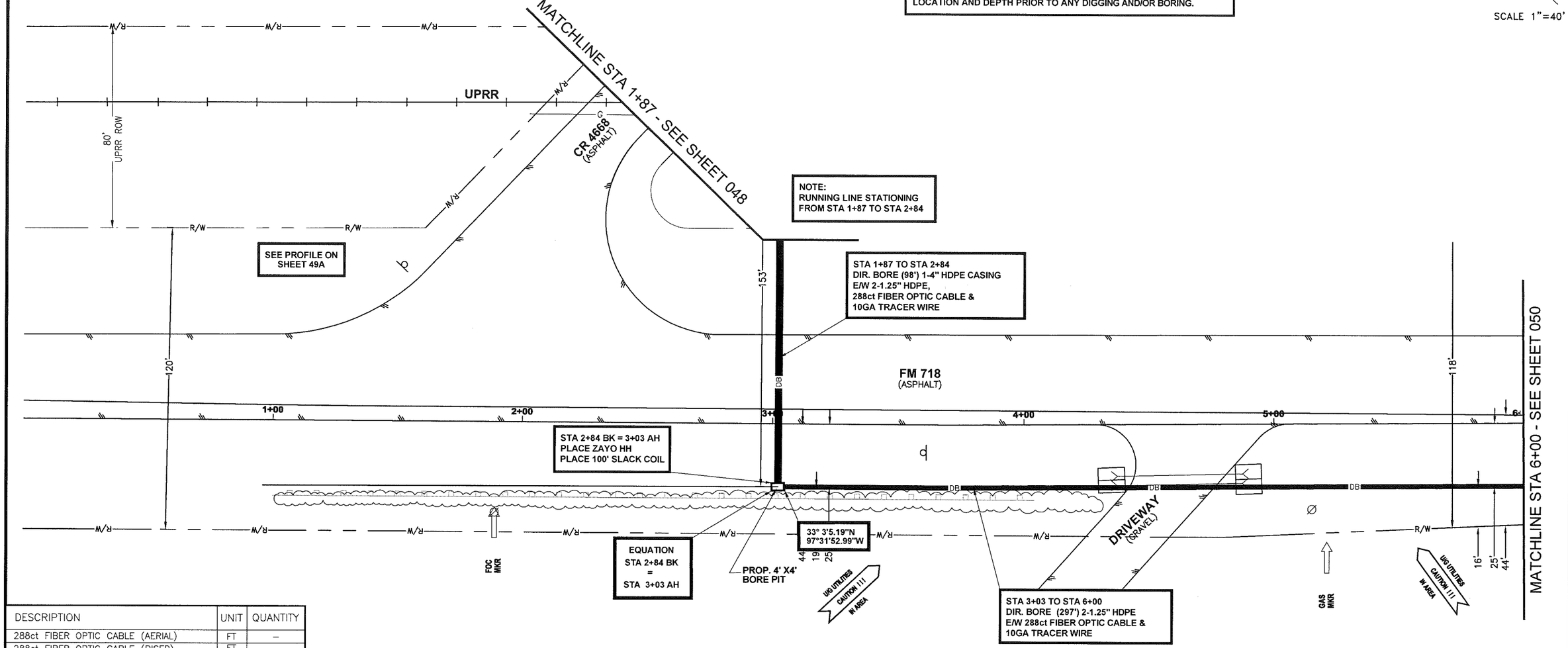
CONTRACTOR:
IT IS YOUR RESPONSIBILITY TO CALL THE TxDOT INSPECTOR 48 HOURS PRIOR TO START OF CONSTRUCTION

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

WISE COUNTY
AURORA, TX

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.

SCALE 1"=40'



SEE PROFILE ON SHEET 49B

DESCRIPTION	UNIT	QUANTITY
288ct FIBER OPTIC CABLE (AERIAL)	FT	–
288ct FIBER OPTIC CABLE (RISER)	FT	–
288ct FIBER OPTIC CABLE NEW (U/G)	FT	395
6M STRAND	FT	####
1–4" GALV. U–GUARD E/W 2–1.25" HDPE	FT	##
DOWN GUY & ANCHOR	EA	–
OVERHEAD GUY	FT	–
AERIAL SLACK LOOP	FT	–
TRENCH 2–1.25" HDPE	LF	–
DIR. BORE 2–1.25" HDPE	LF	297
DIR. BORE 1–4" HDPE CASING	LF	98
1.25" HDPE	FT	790
10GA TRACER WIRE	FT	395
36"X60"48" HH	EA	1
3'X5'X4' MH	EA	–
PULL CABLE THRU EXIST. AT&T CONDUIT	FT	–
PULL CABLE THRU EXIST. ZAYO CONDUIT	FT	–
1–4" CORE BORE	EA	–
SLACK COIL IN HH/MH	FT	100
REMOVE & RESTORE CONCRETE S/W	SF	–
REMOVE & RESTORE CONCRETE PAVEMENT	SF	–
REMOVE & RESTORE ASPHALT PAVEMENT	SF	–
288ct FIBER OPTIC CABLE (TOTAL)	FT	495

NOTE:
FOR LINES CROSSING STATE HIGHWAYS OR ROADS, CROSSING INTERSECTING STREETS / COUNTY ROADS, OR PASSING THROUGH THE PROTECTED ROOT AREA OF DESIRABLE TREES, IT IS CLEARLY SHOWN IN THE DESCRIPTION AND ON EACH PAGE OF DRAWINGS THAT THE LINE WILL BE INSTALLED BY CONVENTIONAL DRY AUGER BORE UNLESS OTHERWISE APPROVED BY A TxDOT ENGINEER OR INSPECTOR. IN ADDITION, CASING SHOULD BE SHOWN UNDER HIGHWAYS AND PAVED CITY STREET / COUNTY ROAD INTERSECTIONS.

811 Know what's below. Call before you dig.

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WISE COUNTY, TX
PROJECT CODE: ZAY059

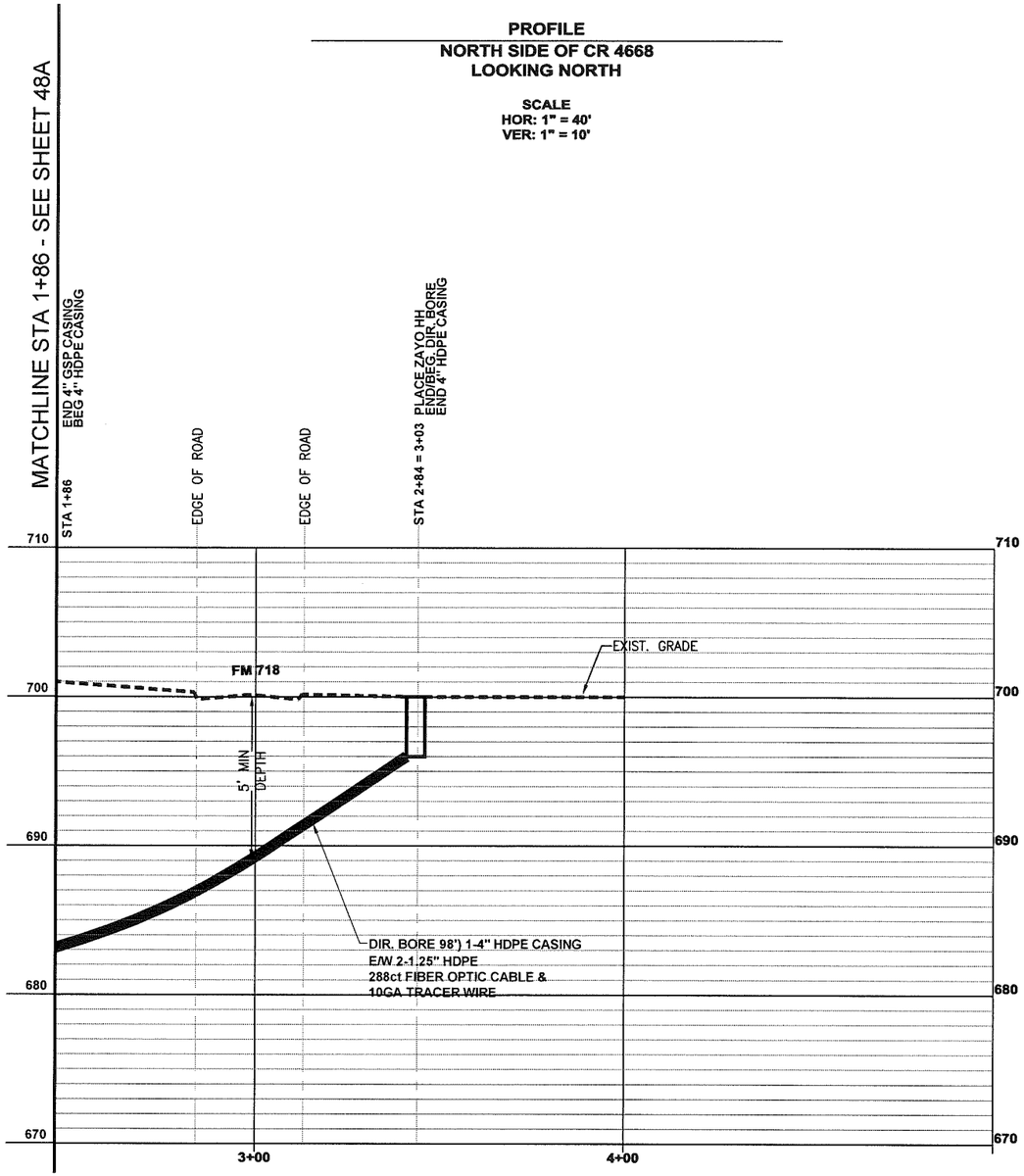
TITLE: POINT TO POINT
BRIAR TO BOYD – POINT TO POINT

DRAWN GXT
APPV –
DWG NO: FWT_ZAY059_P-PTP_049.DWG
REV –
SHEET 049 OF 085
APPROVED ORIGINAL ISSUE 02/15/16

WISE COUNTY, TX

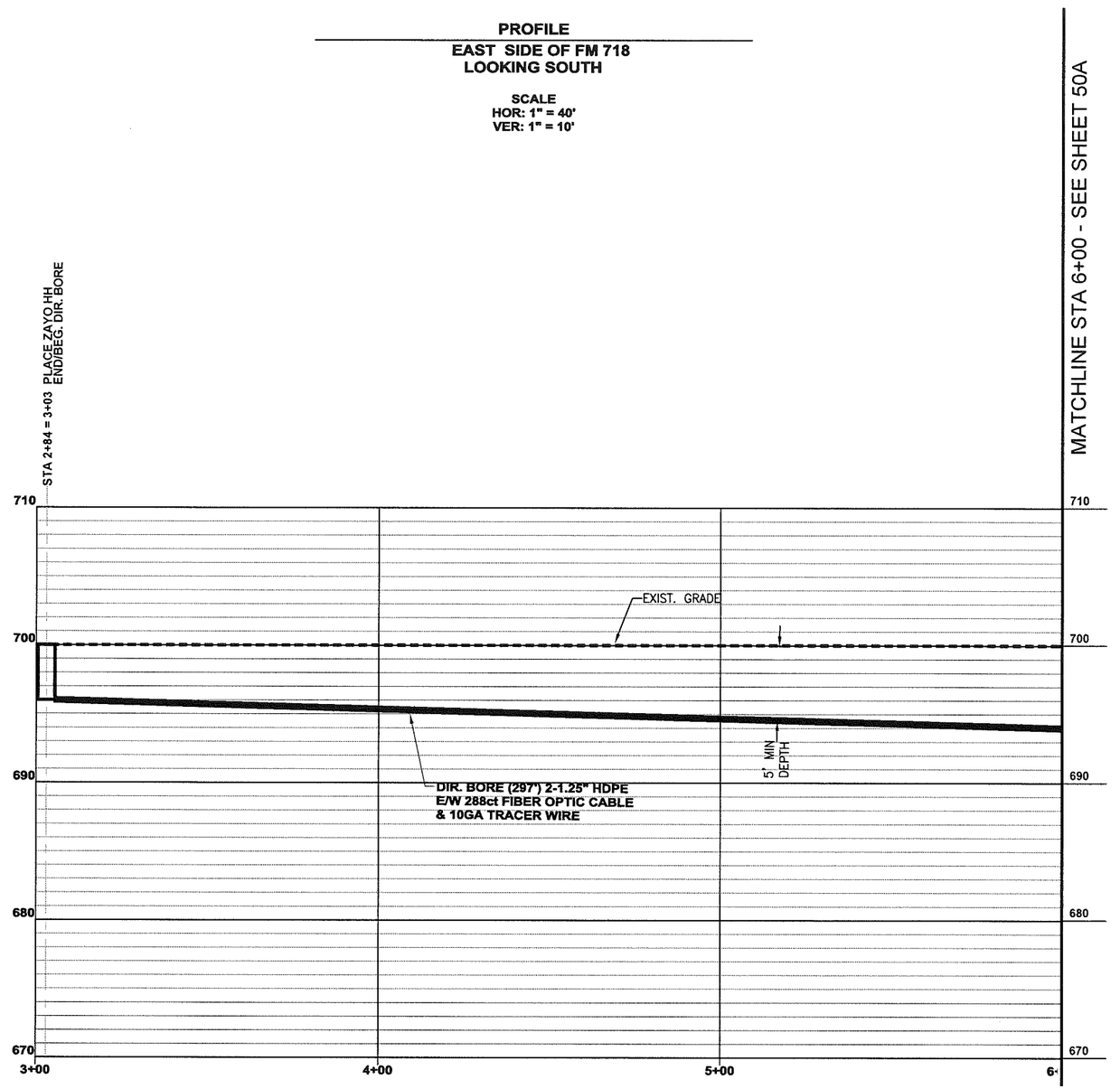
PROFILE
NORTH SIDE OF CR 4668
LOOKING NORTH

SCALE
HOR: 1" = 40'
VER: 1" = 10'



PROFILE
EAST SIDE OF FM 718
LOOKING SOUTH

SCALE
HOR: 1" = 40'
VER: 1" = 10'



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PROJECT CODE: ZAY059

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BRIAR TO BOYD – POINT TO POINT

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DWG NO: FWT_ZAY059_P-PTP_049A.DWG
REV –
SHEET 049A OF 085
APPROVED ORIGINAL ISSUE 02/15/16