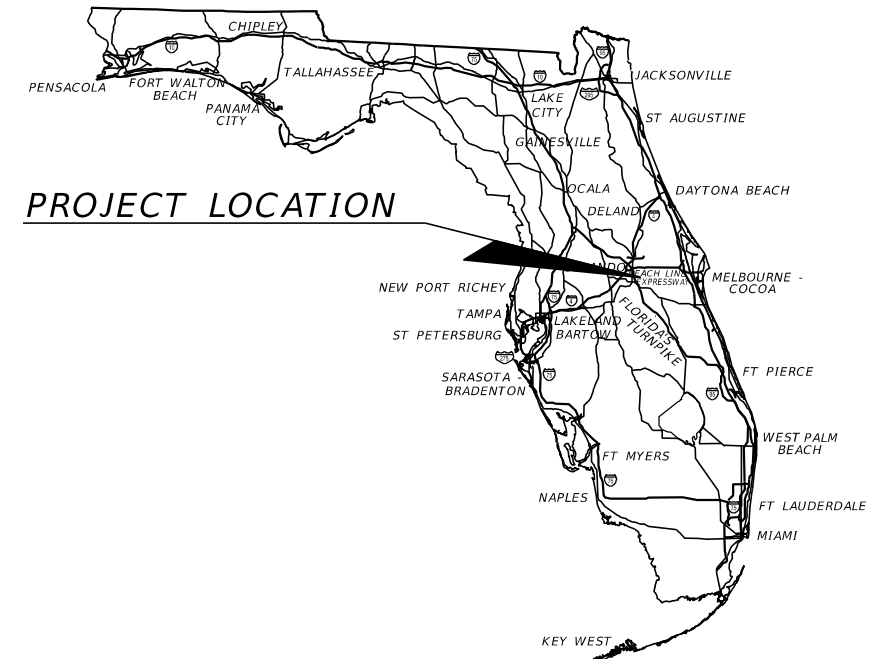


CONTRACT PLANS COMPONENTS

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKINGS PLANS
- SIGNAL PLANS
- ITS PLANS
- LIGHTING PLANS
- BOX CULVERT PLANS

OSCEOLA COUNTY FLORIDA
**INTELLIGENT
 TRANSPORTATION
 SYSTEMS PLANS**

**BOGGY CREEK ROAD WIDENING AND RECONSTRUCTION
 FROM SIMPSON ROAD TO NARCOOSSEE ROAD**
 OSCEOLA COUNTY
 COUNTY ROAD NO. 530



INDEX OF ITS PLANS

SHEET NO.	SHEET DESCRIPTION
IT-1	KEY SHEET
IT-2	SIGNATURE SHEET
IT-3 - IT-10	TABULATION OF QUANTITIES
IT-11	GENERAL NOTES
IT-12	PROJECT LAYOUT
IT-13 - IT-68	ITS PLAN SHEET
IT-69	TRENCHING AND PLOWING DETAILS
IT-70	FIBER OPTIC SPLICE BOX DETAIL
IT-71	ELECTRICAL PULL BOX DETAIL
IT-72	FIBER PULL BOX DETAIL
IT-73	FIBER OPTIC CABLE ROUTE MARKER DETAIL

OSCEOLA COUNTY PUBLIC WORKS

BRANDON ARRINGTON	CHAIRMAN OF THE BOARD OF COUNTY COMMISSIONERS
VIVIANA JANERVIC	CHAIRWOMAN OF THE BOARD OF COUNTY COMMISSIONERS
PEGGY CHOONDHRY	COUNTY COMMISSIONER
CHERYL GRIEB	COUNTY COMMISSIONER
RICKY BOOTH	COUNTY COMMISSIONER
DON FISHER	COUNTY MANAGER
DAVID MAY	COUNTY ENGINEER
FRANK RAYMOND	PUBLIC WORKS DIRECTOR

SHOP DRAWINGS TO BE SUBMITTED TO:

JARED N KNIGHT, P.E.
 VANASSE HANGEN BRUSTLIN
 225 E. ROBINSON ST., SUITE 300
 ORLANDO, FL 32801

PLANS PREPARED BY:



ENGINEERS | SCIENTISTS
 PLANNERS | DESIGNERS
 225 E. ROBINSON STREET, SUITE 300
 ORLANDO, FL 32801 (407) 839-4006
 CERTIFICATE OF AUTHORIZATION # 3932

NOTE: THE SCALE OF THESE PLANS MAY
 HAVE CHANGED DUE TO REPRODUCTION.

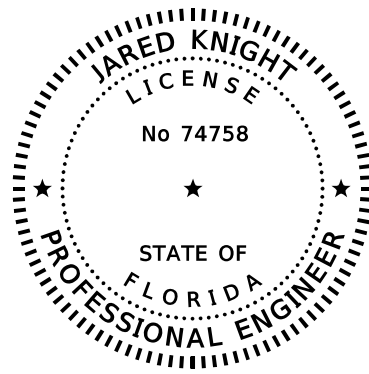
ITS PLANS
 PROFESSIONAL OF RECORD: JARED N KNIGHT, P.E.

P.E. NO.: 74758

FINAL PLANS
 DATE: FEBRUARY, 2023

OSCEOLA COUNTY PROJECT MANAGER: STEVEN KANE

FISCAL YEAR	SHEET NO.
22	IT-1



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801
JARED KNIGHT, P.E. NO. 74758

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INTELLIGENT TRANSPORTATION SYSTEM PLANS

SHEET NO.	SHEET DESCRIPTION
IT-1	KEY SHEET
IT-2	SIGNATURE SHEET
IT-3 - IT-10	TABULATION OF QUANTITIES
IT-11	GENERAL NOTES
IT-12	PROJECT LAYOUT
IT-13 - IT-68	ITS PLAN SHEET
IT-69	TRENCHING AND PLOWING DETAILS
IT-70	FIBER OPTIC SPLICE BOX DETAIL
IT-71	ELECTRICAL PULL BOX DETAIL
IT-72	FIBER PULL BOX DETAIL
IT-73	FIBER OPTIC CABLE ROUTE MARKER DETAIL

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		IT-2
					530	OSCEOLA	PS2011-4-79-DG		

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET				
			IT-13		IT-14		IT-15		IT-16		IT-17		IT-18		IT-19		PLAN	FINAL	PLAN	FINAL	
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL					
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	235		380		485		210		495		190		390		2385				
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	180		190		325		375		85		375		180		1710				
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA					3										3				
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	2		3		4		2		3		1		4		19				
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA					1										1				

(This area is intentionally left blank for additional project details or notes.)																	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

REVISIONS <table border="1" style="width: 100%;"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801			OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT <table border="1" style="width: 100%;"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>PROJECT NO.</th> </tr> </thead> <tbody> <tr> <td>530</td> <td>OSCEOLA</td> <td>PS2011-4-79-DG</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	PROJECT NO.	530	OSCEOLA	PS2011-4-79-DG	TABULATION OF QUANTITIES				SHEET NO. IT-3	
DATE	DESCRIPTION	DATE	DESCRIPTION																										
ROAD NO.	COUNTY	PROJECT NO.																											
530	OSCEOLA	PS2011-4-79-DG																											

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		PLAN		FINAL	
			IT-20		IT-21		IT-22		IT-23		IT-24		IT-25		IT-26		PLAN	FINAL	PLAN	FINAL		
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL								
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	535		505		380		270		505		235		420		2850					
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	30		160		185		300		60		320		130		1185					
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA			5												5					
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	2		5		4		4		2		2		2		21					
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA			1												1					

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801		OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			<i>TABULATION OF QUANTITIES</i>				SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	PROJECT NO.					IT-4	
				530	OSCEOLA	PS2011-4-79-DG								

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TABULATION OF QUANTITIES

Table with columns: PAY ITEM NO., DESCRIPTION, UNIT, SHEET NUMBERS (IT-27 to IT-33), TOTAL THIS SHEET (PLAN, FINAL), PLAN, FINAL. Includes rows for CONDUIT, FURNISH & INSTALL, OPEN TRENCH; CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE; PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE; PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE; PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE.

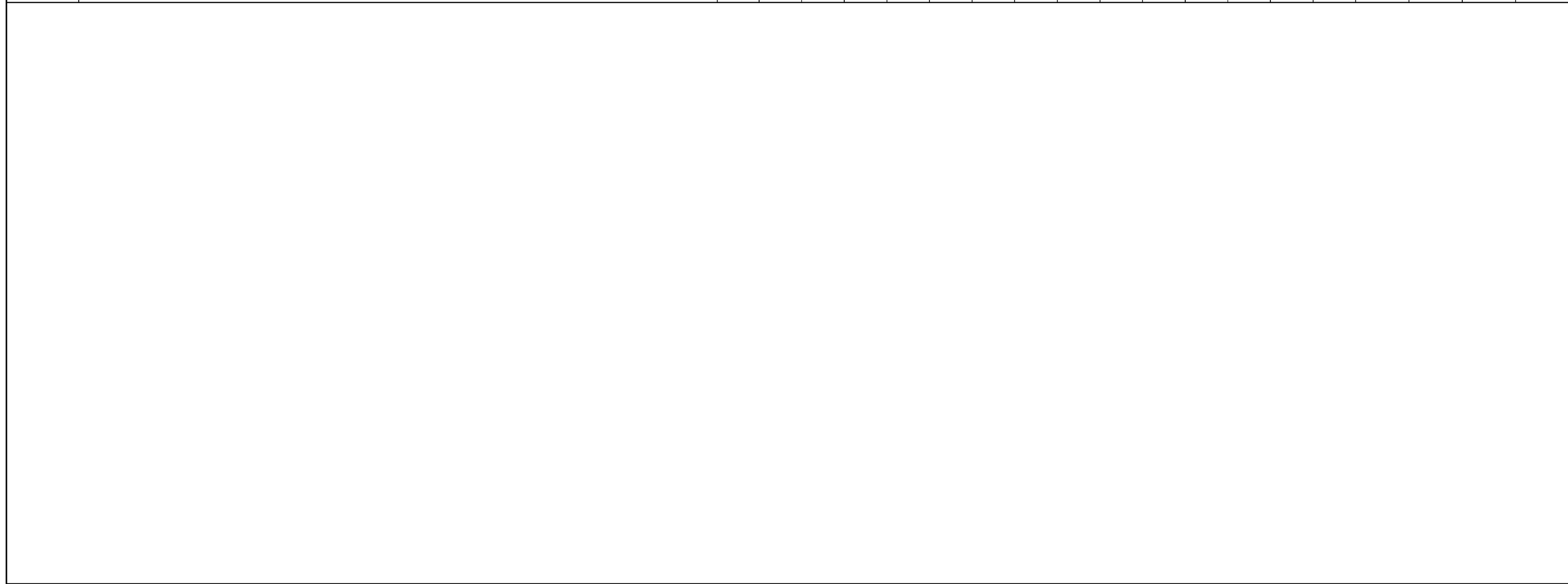


Table with columns: REVISIONS (DATE, DESCRIPTION), JARED KNIGHT, P.E. (P.E. LICENSE NUMBER 74758, VANASSE HANGEN BRUSTLIN, INC., 225 E. ROBINSON STREET, SUITE 300, ORLANDO, FL 32801), OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT (ROAD NO. 530, COUNTY OSCEOLA, PROJECT NO. PS2011-4-79-DG), TABULATION OF QUANTITIES, SHEET NO. IT-5.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS												TOTAL THIS SHEET		PLAN	FINAL		
			IT-34		IT-35		IT-36		IT-37		IT-38		IT-39		IT-40				PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	540		455		420		425		360		480		525		3205			
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	20		120		265		145		320		85		30		985			
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA																		
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	1		1		2		4		4		4		2		18			
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA					1				1						2			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		IT-6
				530	OSCEOLA	PS2011-4-79-DG			

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS												TOTAL THIS SHEET					
			IT-41		IT-42		IT-43		IT-44		IT-45		IT-46		IT-47		PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	505		395		355		435		495		480		430		3095			
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	60		250		210		125		80		100		155		980			
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA			4												4			
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	4		3		2		3		4		2		4		22			
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA			1												1			

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION													<p>JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801</p>	<p align="center">OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>PROJECT NO.</th> </tr> </thead> <tbody> <tr> <td>530</td> <td>OSCEOLA</td> <td>PS2011-4-79-DG</td> </tr> </tbody> </table>	ROAD NO.	COUNTY	PROJECT NO.	530	OSCEOLA	PS2011-4-79-DG	<p align="center">TABULATION OF QUANTITIES</p>	<p align="center">SHEET NO. IT-7</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																										
ROAD NO.	COUNTY	PROJECT NO.																											
530	OSCEOLA	PS2011-4-79-DG																											

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET			
			IT-48		IT-49		IT-50		IT-51		IT-52		IT-53		IT-54		PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL				
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	395		465		535		565		585		565		330		3440			
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	295		105		30								235		665			
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA	3														3			
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	4		4		2				1		1		4		16			
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	1						1								2			

--	--	--

REVISIONS		JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		TABULATION OF QUANTITIES	SHEET NO.	
DATE	DESCRIPTION		ROAD NO.	COUNTY		PROJECT NO.	IT-8
			530	OSCEOLA		PS2011-4-79-DG	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS												TOTAL THIS SHEET		PLAN	FINAL		
			IT-55		IT-56		IT-57		IT-58		IT-59		IT-60		IT-61				PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	465		565		565		520		540		560		355		3570			
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	100					40		220				305		665				
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA								3						3				
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	2				1		1	2				1		7				
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA								1						1				

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

<i>REVISIONS</i>				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			<i>TABULATION OF QUANTITIES</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		IT-9
					530	OSCEOLA	PS2011-4-79-DG		

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS												TOTAL THIS SHEET		GRAND TOTAL			
			IT-62		IT-63		IT-64		IT-65		IT-66		IT-67		IT-68		PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	540		530		455				270		275		235		2305		24235	
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	25		35		110		560		415		290		340		1775		8525	
635-2-11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA									4						4		22	
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	1		2		2				1		1		3		10		123	
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA									1						1		10	

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	<table border="1"> <tr> <th colspan="3">OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT</th> </tr> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>PROJECT NO.</th> </tr> <tr> <td align="center">530</td> <td align="center">OSCEOLA</td> <td align="center">PS2011-4-79-DG</td> </tr> </table>	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ROAD NO.	COUNTY	PROJECT NO.	530	OSCEOLA	PS2011-4-79-DG	TABULATION OF QUANTITIES	SHEET NO. IT-10
REVISIONS																										
DATE	DESCRIPTION	DATE	DESCRIPTION																							
OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT																										
ROAD NO.	COUNTY	PROJECT NO.																								
530	OSCEOLA	PS2011-4-79-DG																								

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

GENERAL:

1. THESE PLANS REFLECT CONDITIONS KNOWN DURING PLAN DEVELOPMENT IN THE EVENT ACTUAL PHYSICAL CONDITIONS PREVENT THE APPLICATION OF THE PROGRESSION OF ANY WORK SPECIFIED IN THESE PLANS. NOTIFY THE ENGINEER IMMEDIATELY AND PRIOR TO ANY FURTHER WORK ACTIVITY.
2. PRIOR TO ANY EQUIPMENT ORDER, SUBMIT FOR REVIEW AND APPROVAL THE EQUIPMENT SPECIFICATIONS OF DESIGN AND SHOP DRAWINGS, INCLUDING PLAN ATTACHMENTS FOR ALL MATERIAL PROPOSED FOR THIS PROJECT.
3. SOD MUST BE USED TO RESTORE ANY AREAS IMPACTED BY CONSTRUCTION. THE COST OF REQUIRED SOD SHALL BE INCIDENTAL TO THE PAY ITEMS.
4. CONTRACTOR SHALL NOTIFY OSCEOLA COUNTY TMC (407-742-9201) OF NETWORK DOWNTIME AND ALL SPLICING ACTIVITIES OCCURRING WITHIN THE PROJECT LIMITS, AND DURATION OF THOSE SPLICING ACTIVITIES WITHIN 24 HOURS OF SPLICING ANY FOC.
5. REMOVAL OF ALL EXISTING FIBER SHALL BE INCLUDED IN CLEARING AND GRUBBING UNLESS OTHERWISE SHOWN IN THE PLANS.

CONDUIT:

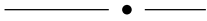





1. CONDUIT LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. CONDUIT SHALL BE PLACED WITHIN THE RIGHT-OF-WAY BUT CAN BE ADJUSTED TO FIT AROUND THE EXISTING AND PROPOSED UTILITIES. ANY DEVIATION FROM THE PLANS SHALL BE RECORDED IN THE AS-BUILT PLANS.
2. CONDUIT RUN SHALL NOT EXCEED 270 DEGREE OF BENDS BETWEEN PULL BOXES.
3. ALL HDPE CONDUIT CONNECTIONS SHALL BE JOINED WITH A MECHANICAL COUPLE OR APPROVED EQUAL.
4. MINIMUM REQUIRED CONDUIT BURY DEPTHS SHALL BE MAINTAINED, WHERE CONFLICTS OCCUR WITH DRAINAGE OR OTHER UTILITIES PER THESE PLANS.
5. ALL CONDUIT TRENCHES SHALL BE BACK FILLED COMPLETELY TO PROVIDE SAFE CROSSING BY THE END OF THE WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE. DO NOT OPEN ANY AREA THAT CAN NOT BE BACK FILLED IN THE SAME DAY/NIGHT OPERATION.
6. THE PLANS SHOW THE GENERAL ROUTE AND LOCATION OF CONDUIT AND EQUIPMENT RELATIVE TO MAJOR PHYSICAL FEATURES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL ABOVEGROUND AND UNDERGROUND CONFLICTS IN ADVANCE OF THE PLACEMENT OF ANY CONDUIT OR OTHER FACILITIES. THE CONTRACTOR SHALL FIELD MARK THE PROPOSED ALIGNMENT FOR REVIEW AND CONCURRENCE BY THE ENGINEER PRIOR TO TRENCHING AND/OR PLACEMENT.
7. TERMINATE ALL SPARE CONDUITS IN A PULL BOX OR CABINET AND CAP AND SEAL ENDS.
8. WHERE CONDUIT IS CALLED OUT TO BE INTERCEPTED, THE CONDUIT SHALL BE REDIRECTED AND TIED INTO THE PROPOSED CONDUIT. THE PROPOSED NEW CABLING (FOC OR COMPOSITE) IS NOT TO RUN THROUGH THE EXISTING PULL BOXES IN THESE CASES. COST ARE INCIDENTAL TO THE PAY ITEMS.

PULL BOXES:

1. THE STACKING OF PULL BOXES IS NOT ALLOWED.
2. THE RELOCATION OF PULL BOXES IS NOT ALLOWED.

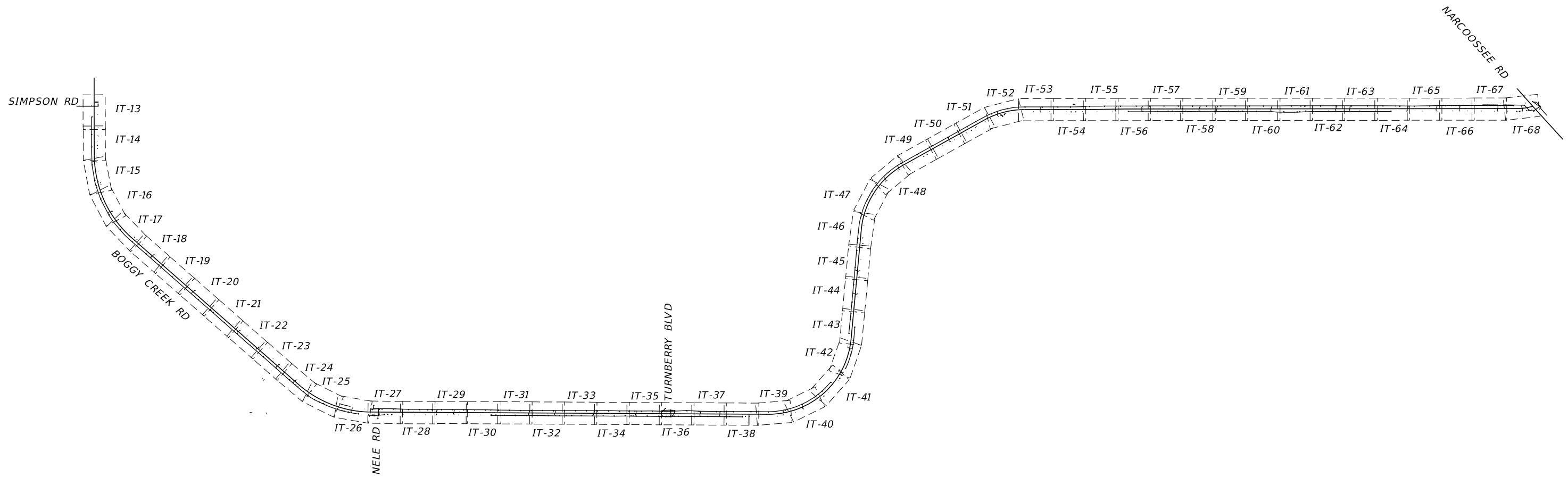
UTILITY NOTES:

1. CONTRACTOR SHALL CONTACT UTILITIES PRIOR TO INSTALLATION TO BE ON-SITE FOR CCTV POLE AND ADMS STRUCTURE LOCATION EXCAVATION.

LEGEND	
SYMBOLS	DESCRIPTION
	INSTALL NEW UNDERGROUND HDPE CONDUIT
	INSTALL NEW DIRECTIONAL BORE HDPE CONDUIT
	EXISTING TRAFFIC CONTROLLER CABINET
	PROPOSED ELECTRICAL PULL BOX
	PROPOSED FIBER PULL BOX
	PROPOSED RECTANGULAR FIBER SPLICE BOX

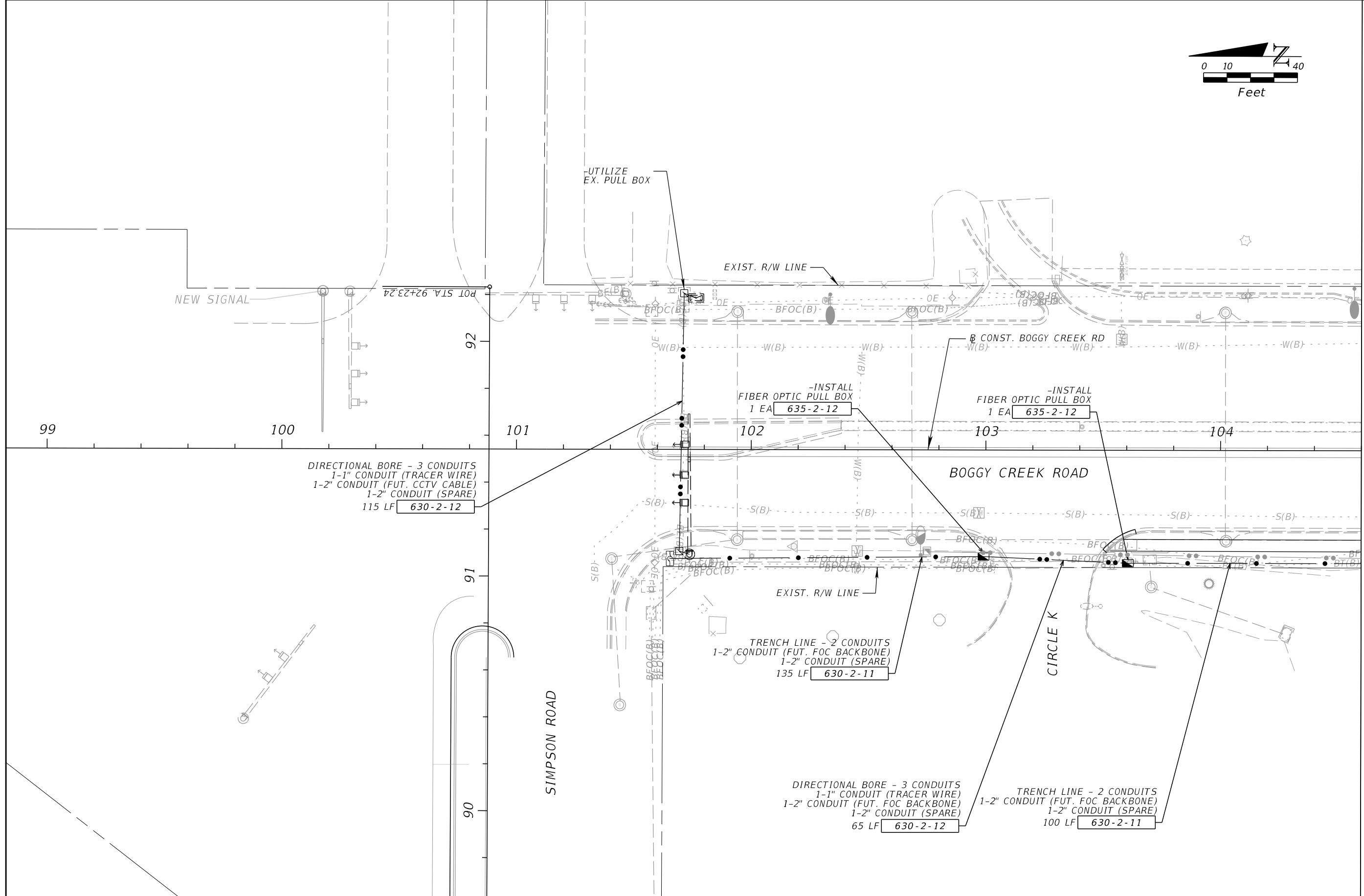
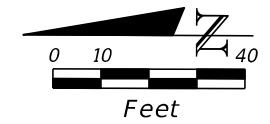
REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			SHEET NO. IT-11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.	
					530	OSCEOLA	PS2011-4-79-DG	

GENERAL NOTES



REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			<i>PROJECT LAYOUT</i>	SHEET NO. IT-12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
				530	OSCEOLA	PS2011-4-79-DG			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 104+60.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

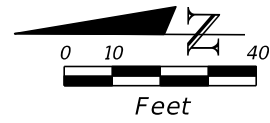
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

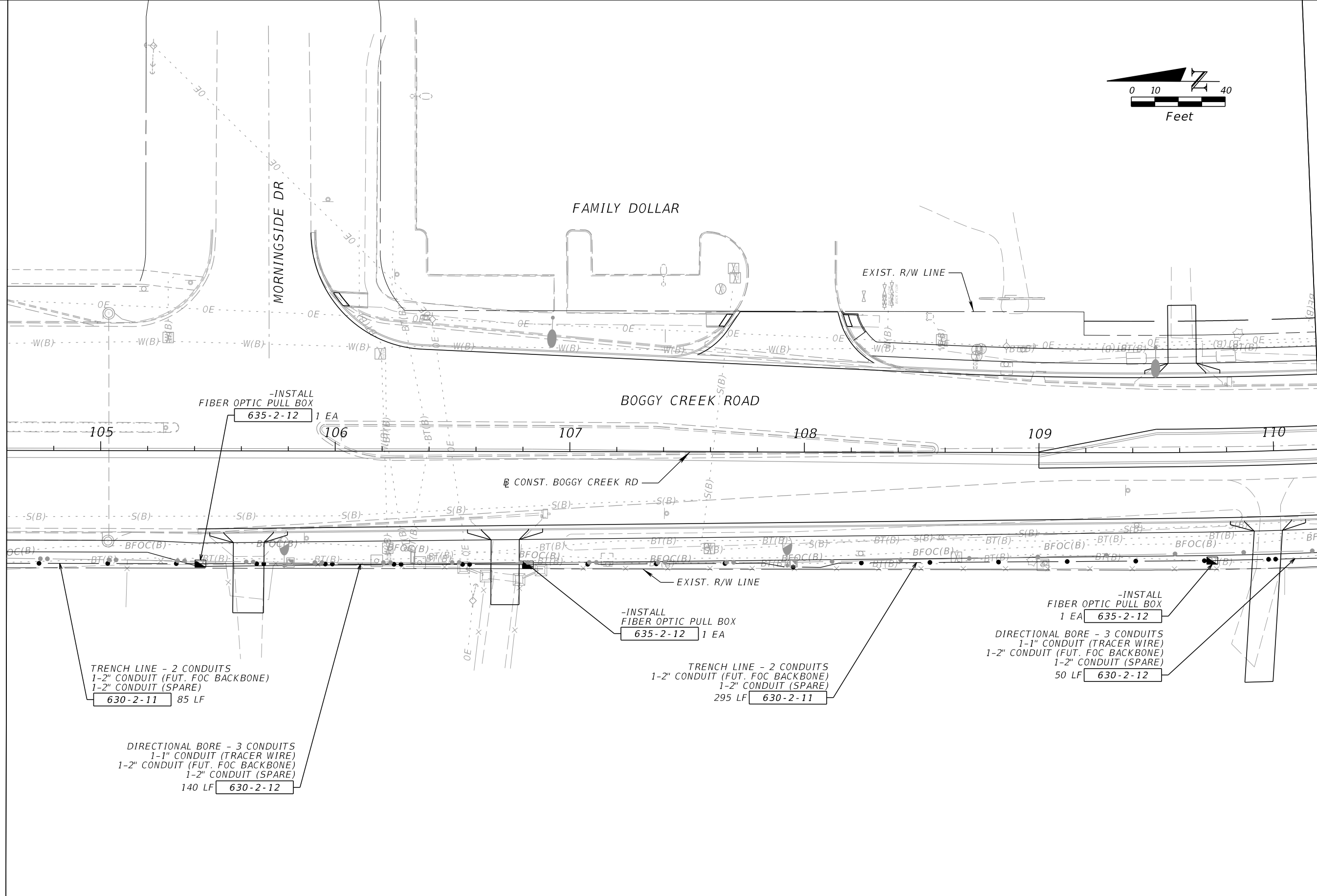
SHEET NO.
IT-13

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 104+60.00

MATCHLINE STA. - 110+20.00



-INSTALL FIBER OPTIC PULL BOX
635-2-12 1 EA

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
630-2-11 85 LF

DIRECTIONAL BORE - 3 CONDUITS
1-1" CONDUIT (TRACER WIRE)
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
140 LF 630-2-12

-INSTALL FIBER OPTIC PULL BOX
635-2-12 1 EA

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
295 LF 630-2-11

-INSTALL FIBER OPTIC PULL BOX
1 EA 635-2-12
DIRECTIONAL BORE - 3 CONDUITS
1-1" CONDUIT (TRACER WIRE)
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
50 LF 630-2-12

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

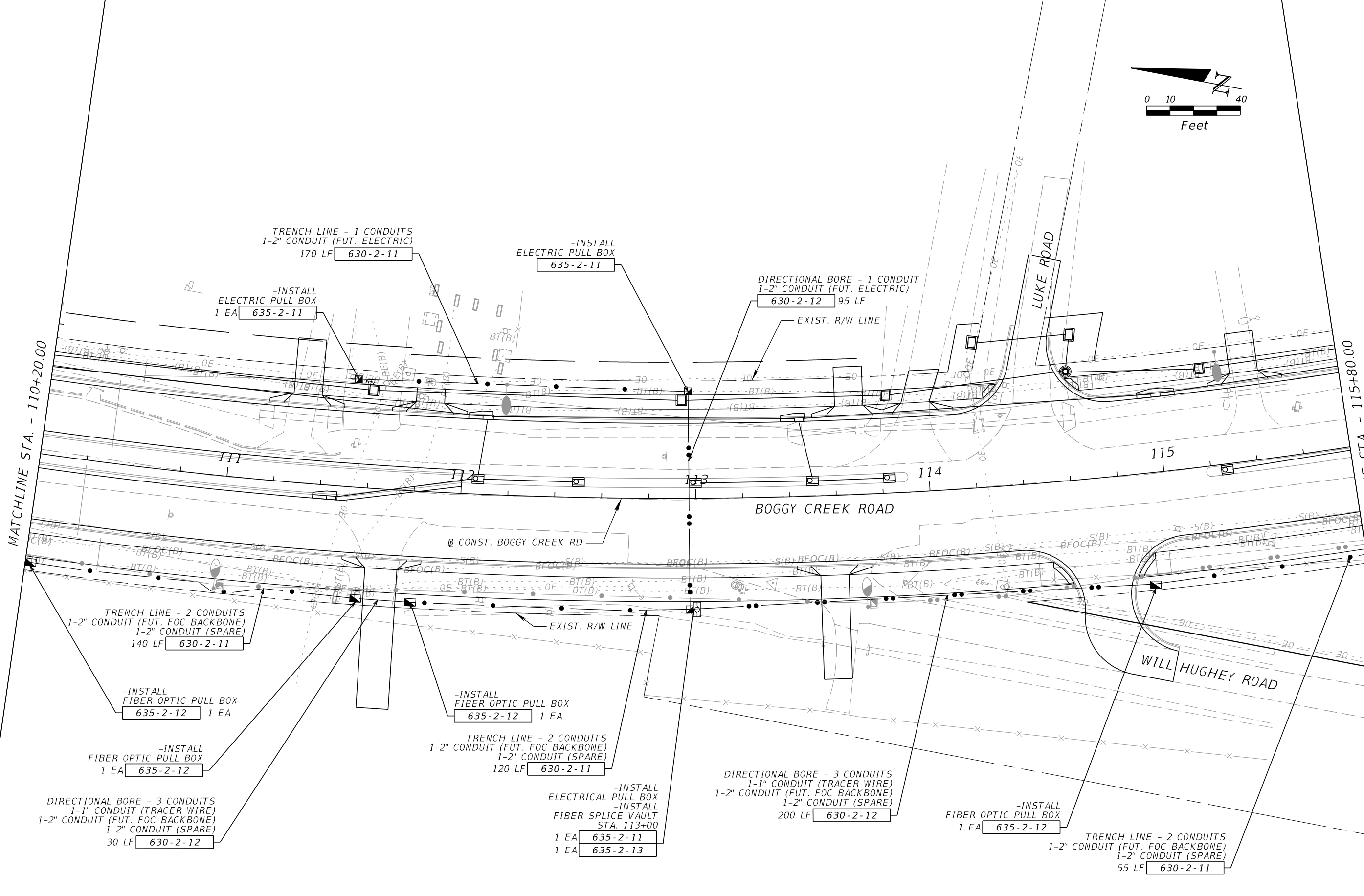
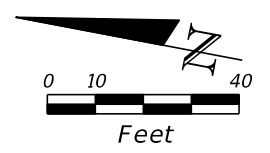
JARED KNIGHT, P.E.
P.E. LICENSE NUMBER 74758
VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-14

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

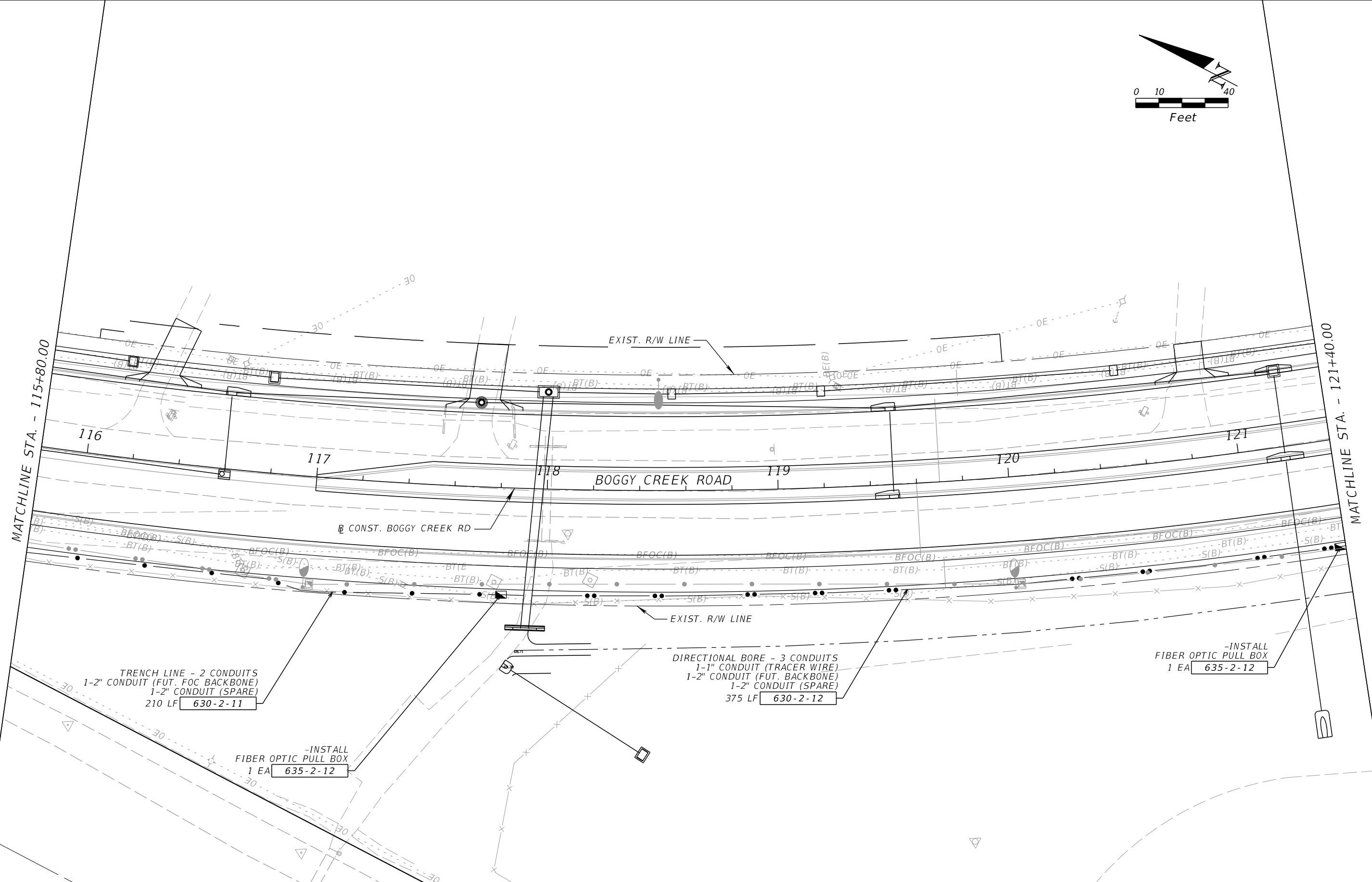
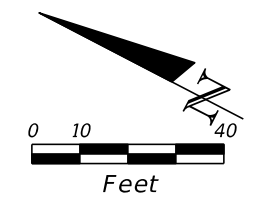
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-15

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. BACKBONE)
 1-2" CONDUIT (SPARE)
 375 LF 630-2-12

-INSTALL
 FIBER OPTIC PULL BOX
 1 EA 635-2-12

-INSTALL
 FIBER OPTIC PULL BOX
 1 EA 635-2-12

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

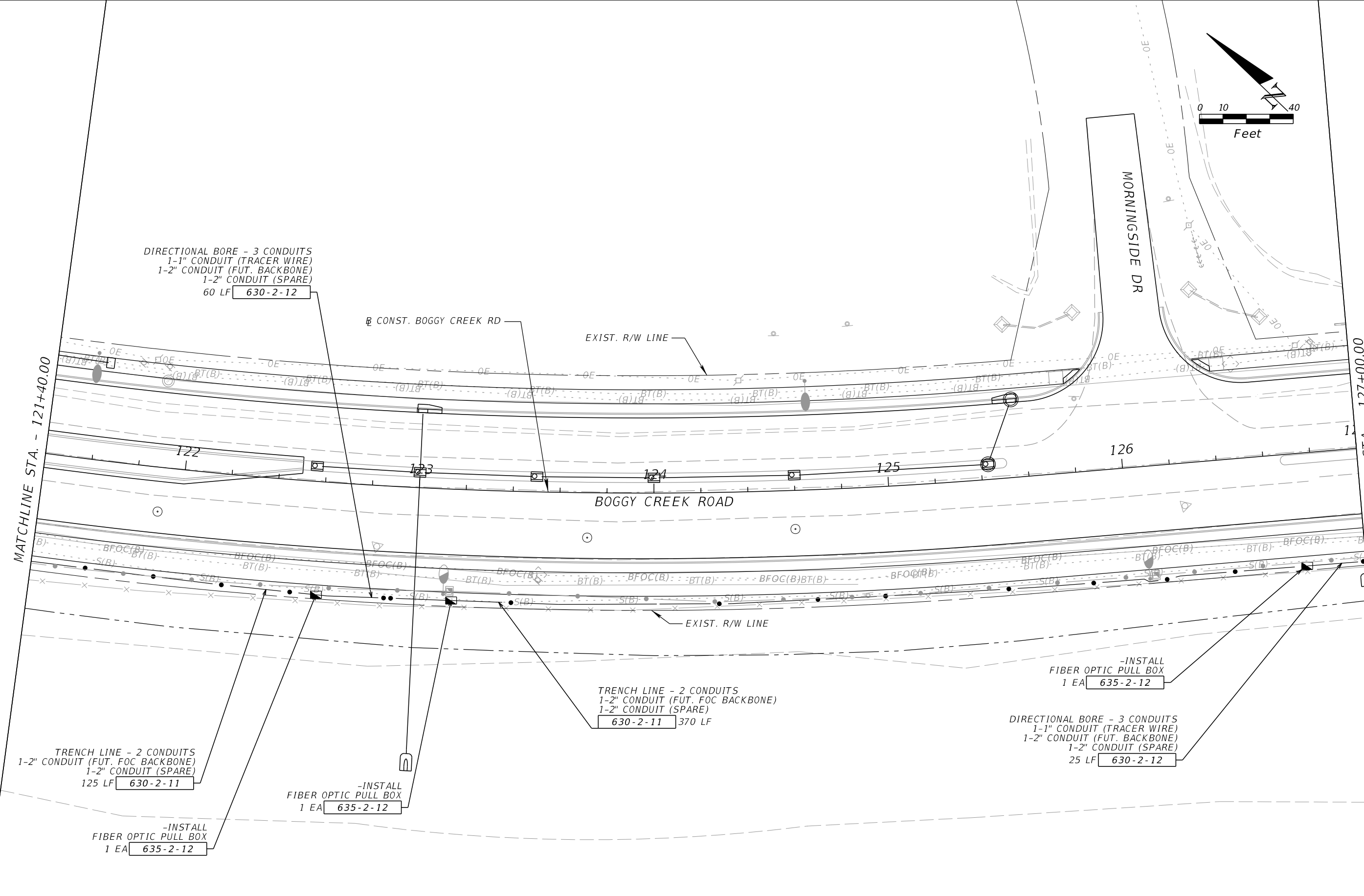
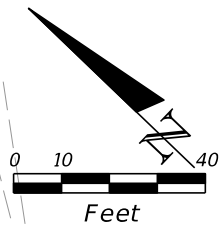
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-16

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. BACKBONE)
 1-2" CONDUIT (SPARE)
 60 LF 630-2-12

CONST. BOGGY CREEK RD

EXIST. R/W LINE

BOGGY CREEK ROAD

EXIST. R/W LINE

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 370 LF 630-2-11

-INSTALL FIBER OPTIC PULL BOX
 1 EA 635-2-12

DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. BACKBONE)
 1-2" CONDUIT (SPARE)
 25 LF 630-2-12

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 125 LF 630-2-11

-INSTALL FIBER OPTIC PULL BOX
 1 EA 635-2-12

-INSTALL FIBER OPTIC PULL BOX
 1 EA 635-2-12

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

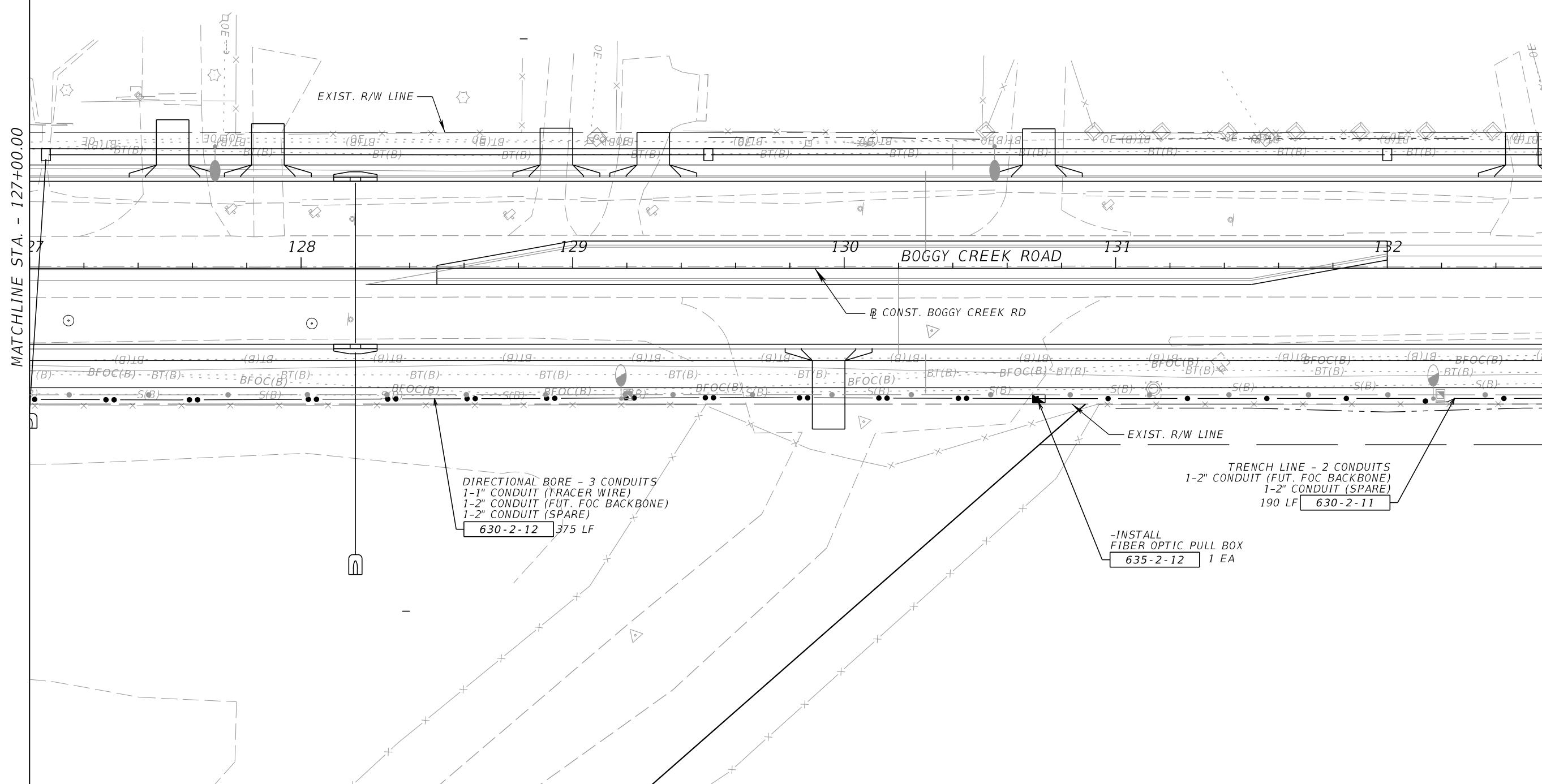
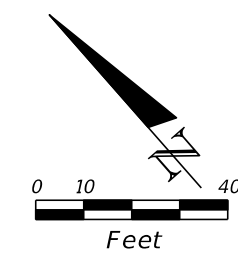
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-17

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 127+00.00

MATCHLINE STA. - 132+60.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

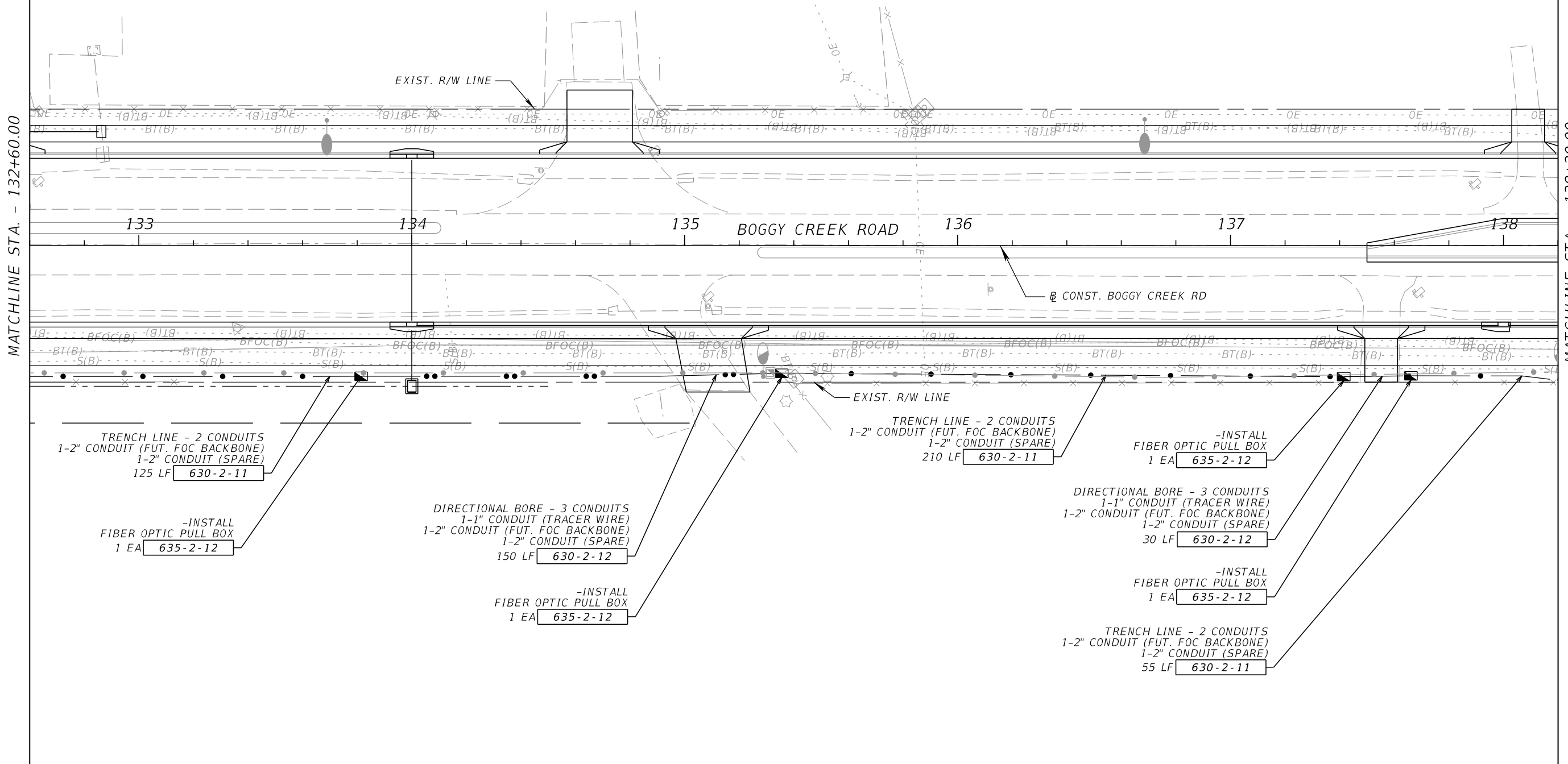
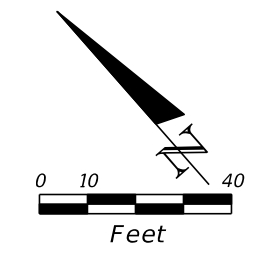
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-18

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 132+60.00

MATCHLINE STA. - 138+20.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

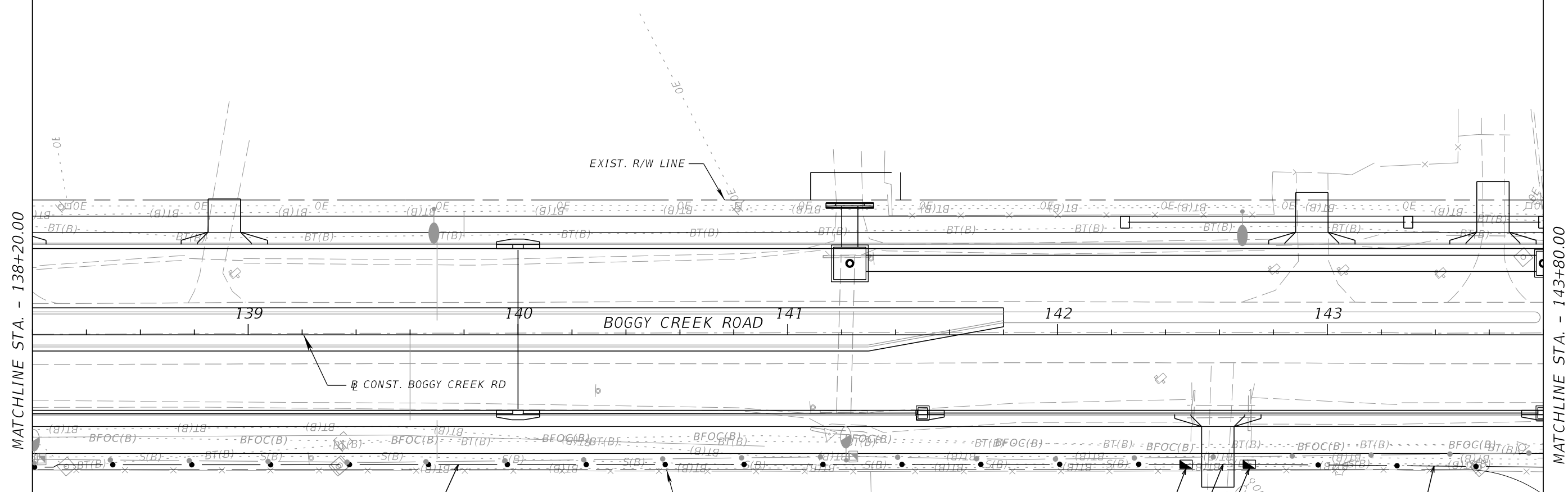
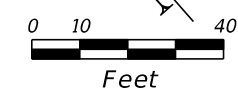
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-19

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 138+20.00

MATCHLINE STA. - 143+80.00

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 425 LF 630-2-11

-INSTALL
 FIBER OPTIC PULL BOX
 1 EA 635-2-12

DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 30 LF 630-2-12

-INSTALL
 FIBER OPTIC PULL BOX
 1 EA 635-2-12

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 110 LF 630-2-11

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-20
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. - 143+80.00

MATCHLINE STA. - 149+40.00

-INSTALL
ELECTRICAL PULL BOX
FIBER OPTIC PULL BOX
635-2-11 1 EA
635-2-12 1 EA

DIRECTIONAL BORE - 4 CONDUITS
1-1" CONDUIT (TRACER WIRE)
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (FUT. ELECTRIC)
1-2" CONDUIT (SPARE)
630-2-12 100 LF

TRENCH LINE - 3 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (FUT. ELECTRIC)
1-2" CONDUIT (SPARE)
630-2-11 100 LF

-INSTALL
FIBER SPLICE VAULT
STA. 144+00
635-2-13 1 EA

-INSTALL
ELECTRICAL PULL BOX
FIBER OPTIC PULL BOX
635-2-11 1 EA
635-2-12 1 EA

DIRECTIONAL BORE - 4 CONDUITS
1-1" CONDUIT (TRACER WIRE)
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (FUT. ELECTRIC)
1-2" CONDUIT (SPARE)
630-2-12 30 LF

-INSTALL
ELECTRICAL PULL BOX
FIBER OPTIC PULL BOX
635-2-11 1 EA
635-2-12 1 EA

TRENCH LINE - 3 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (FUT. ELECTRIC)
1-2" CONDUIT (SPARE)
630-2-11 120 LF

-INSTALL
ELECTRICAL PULL BOX
635-2-11 1 EA

EXIST. ELECTRICAL
POINT OF SERVICE

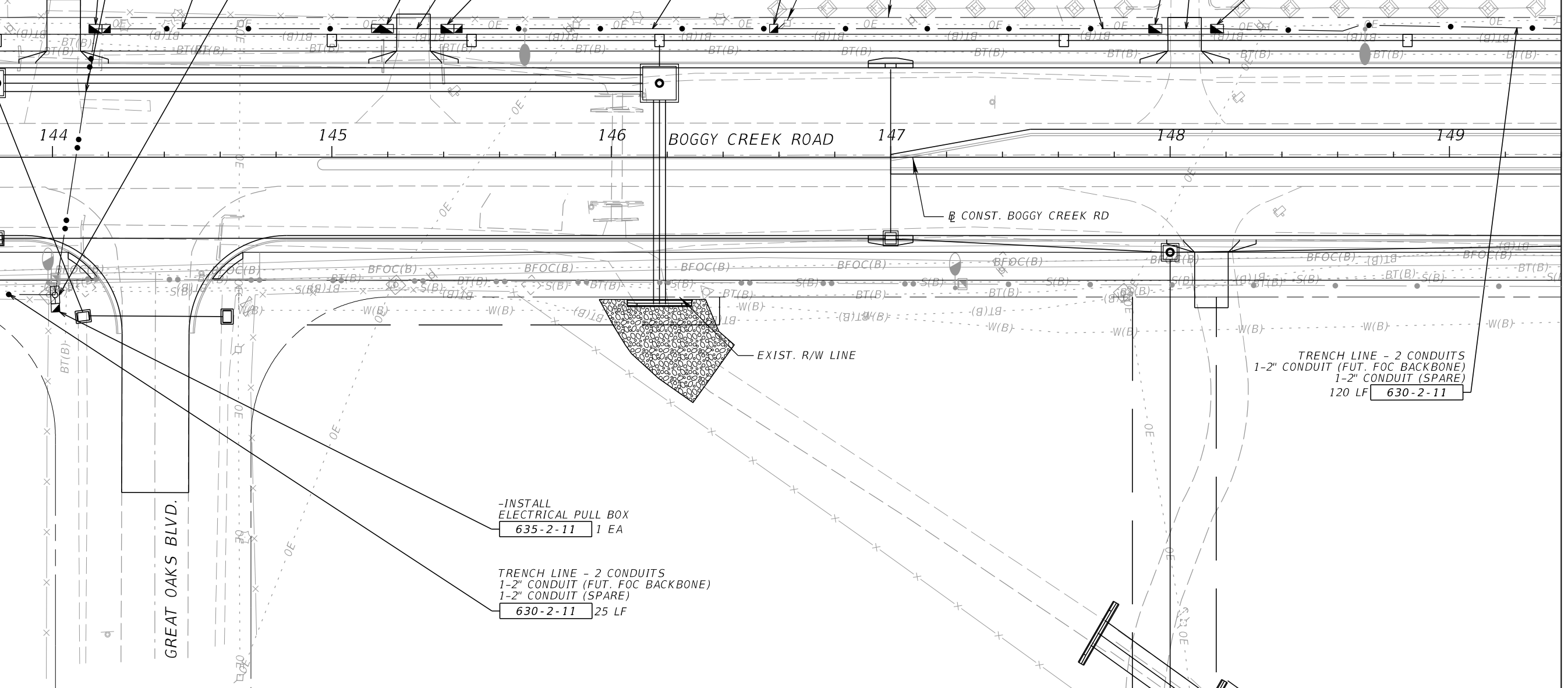
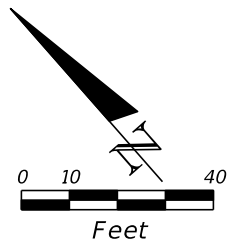
EXIST. R/W LINE

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
140 LF 630-2-11

-INSTALL
FIBER OPTIC PULL BOX
635-2-12 1 EA

DIRECTIONAL BORE - 3 CONDUITS
1-1" CONDUIT (TRACER WIRE)
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
630-2-12 30 LF

-INSTALL
FIBER OPTIC PULL BOX
635-2-12 1 EA



-INSTALL
ELECTRICAL PULL BOX
635-2-11 1 EA

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
630-2-11 25 LF

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
120 LF 630-2-11

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

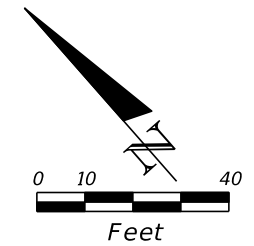
JARED KNIGHT, P.E.
P.E. LICENSE NUMBER 74758
VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-21

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 149+40.00

MATCHLINE STA. - 155+00.00

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
630-2-11 80 LF

-INSTALL
 FIBER OPTIC PULL BOX
635-2-12 1 EA

DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
630-2-12 60 LF

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
630-2-11 135 LF

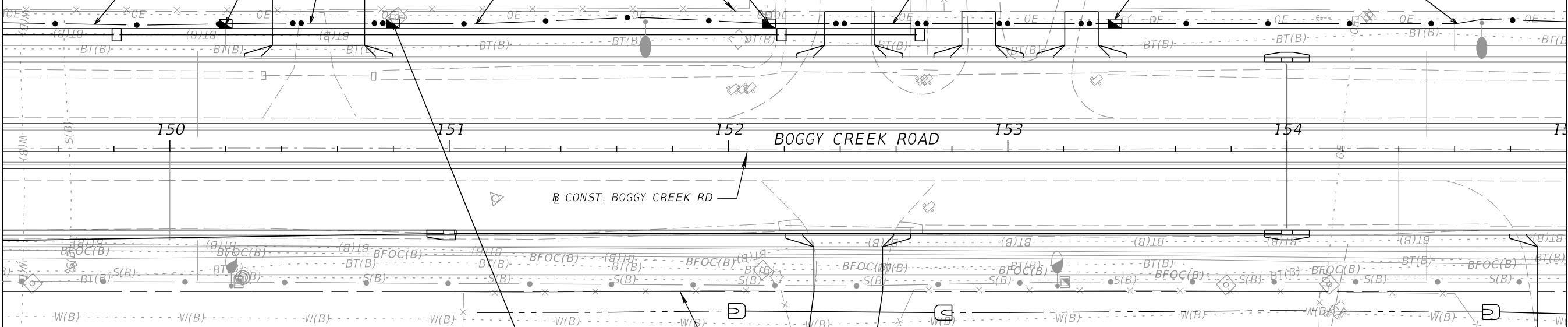
-INSTALL
 FIBER OPTIC PULL BOX
 1 EA **635-2-12**

DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
630-2-12 125 LF

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 165 LF **630-2-11**

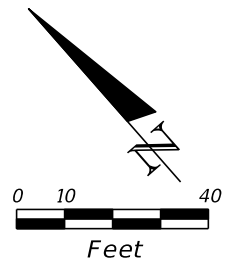
-INSTALL
 FIBER OPTIC PULL BOX
635-2-12 1 EA

-INSTALL
 FIBER OPTIC PULL BOX
635-2-12 1 EA



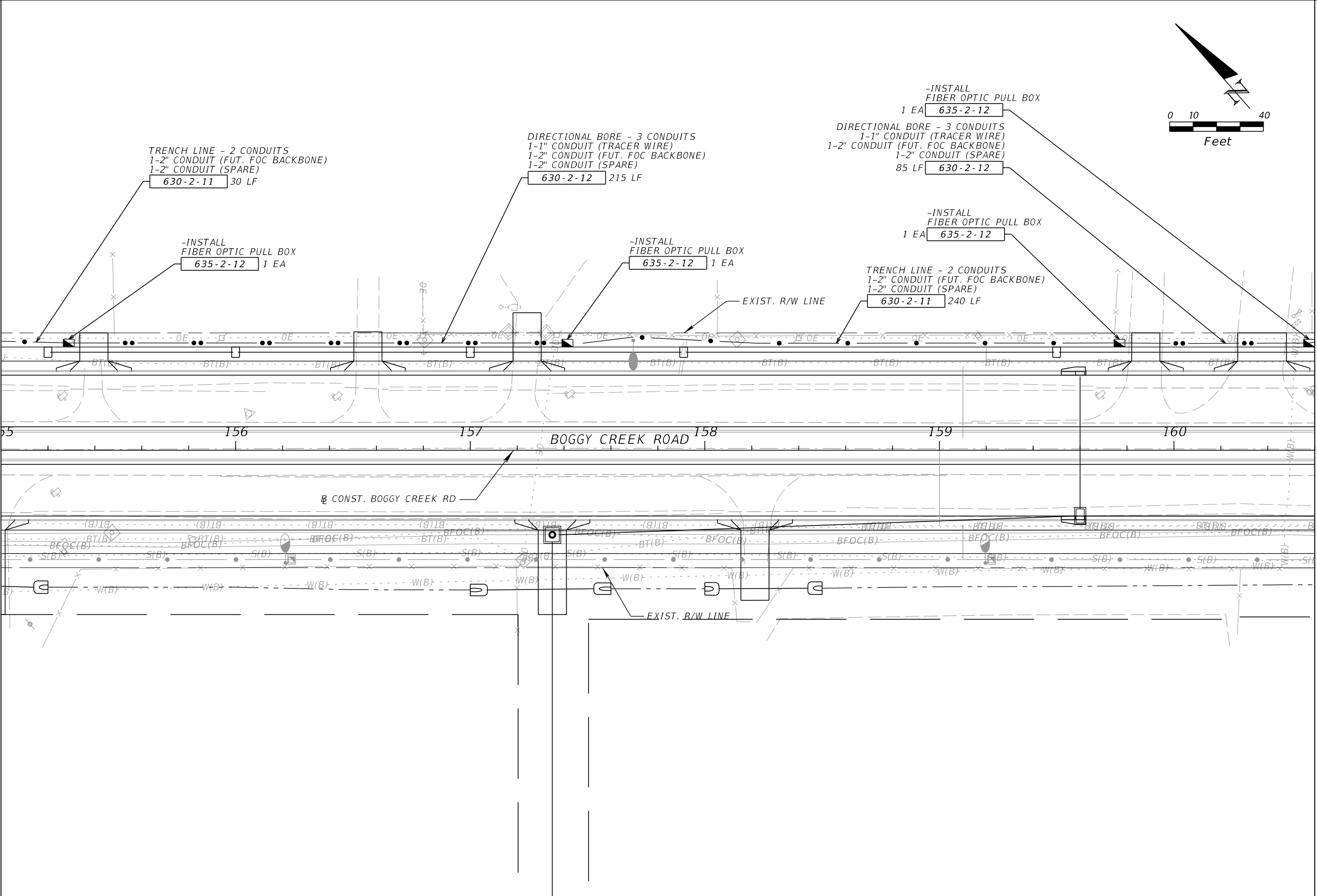
REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-22
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
				530	OSCEOLA	PS2011479-DG			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 155+00.00

MATCHLINE STA. - 160+60.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

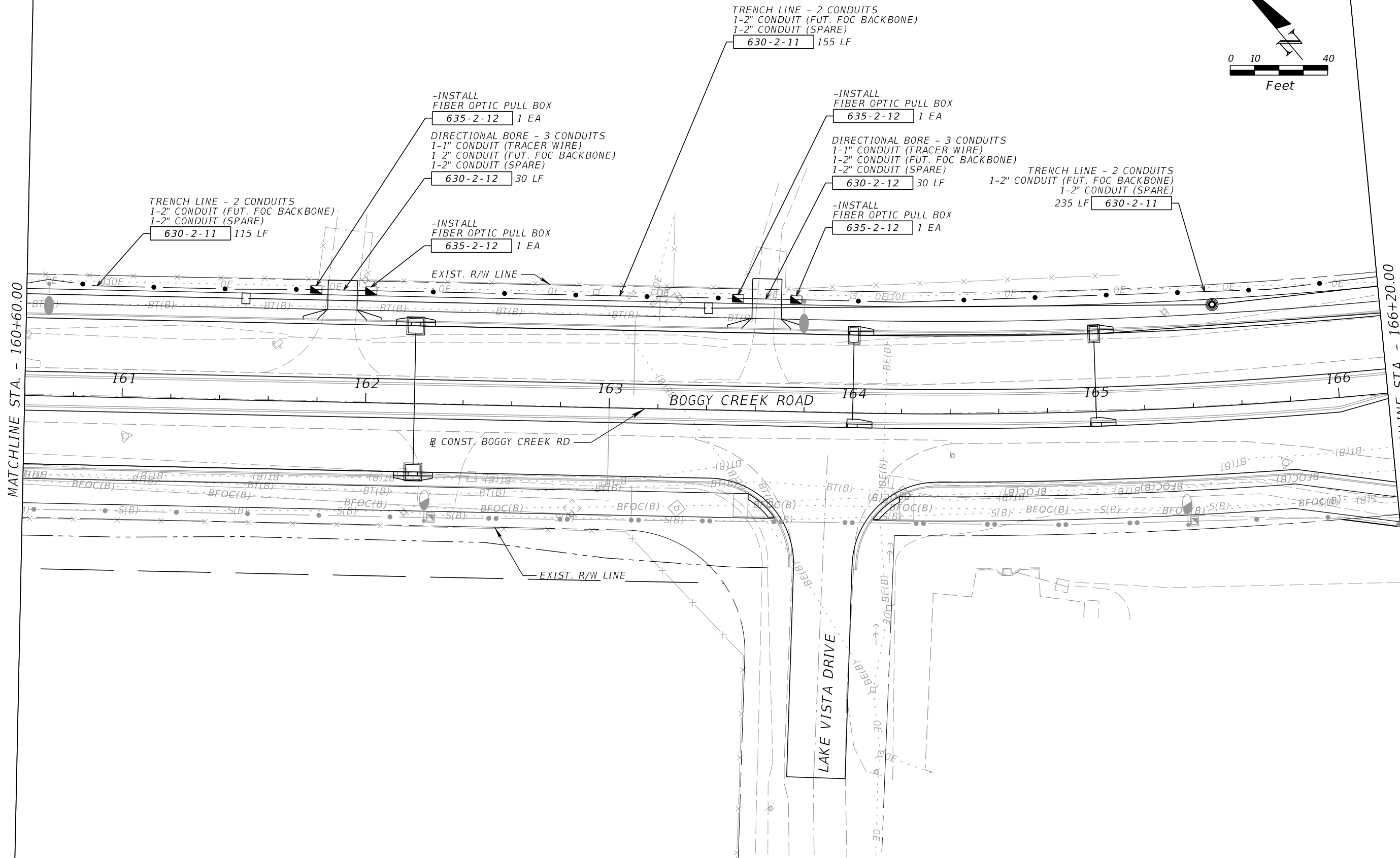
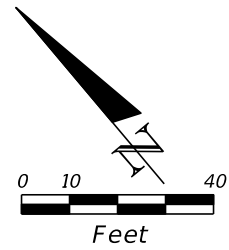
JARED KNIGHT, P.E.
P.E. LICENSE NUMBER 74758
VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-23

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 160+60.00

MATCHLINE STA. - 166+20.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

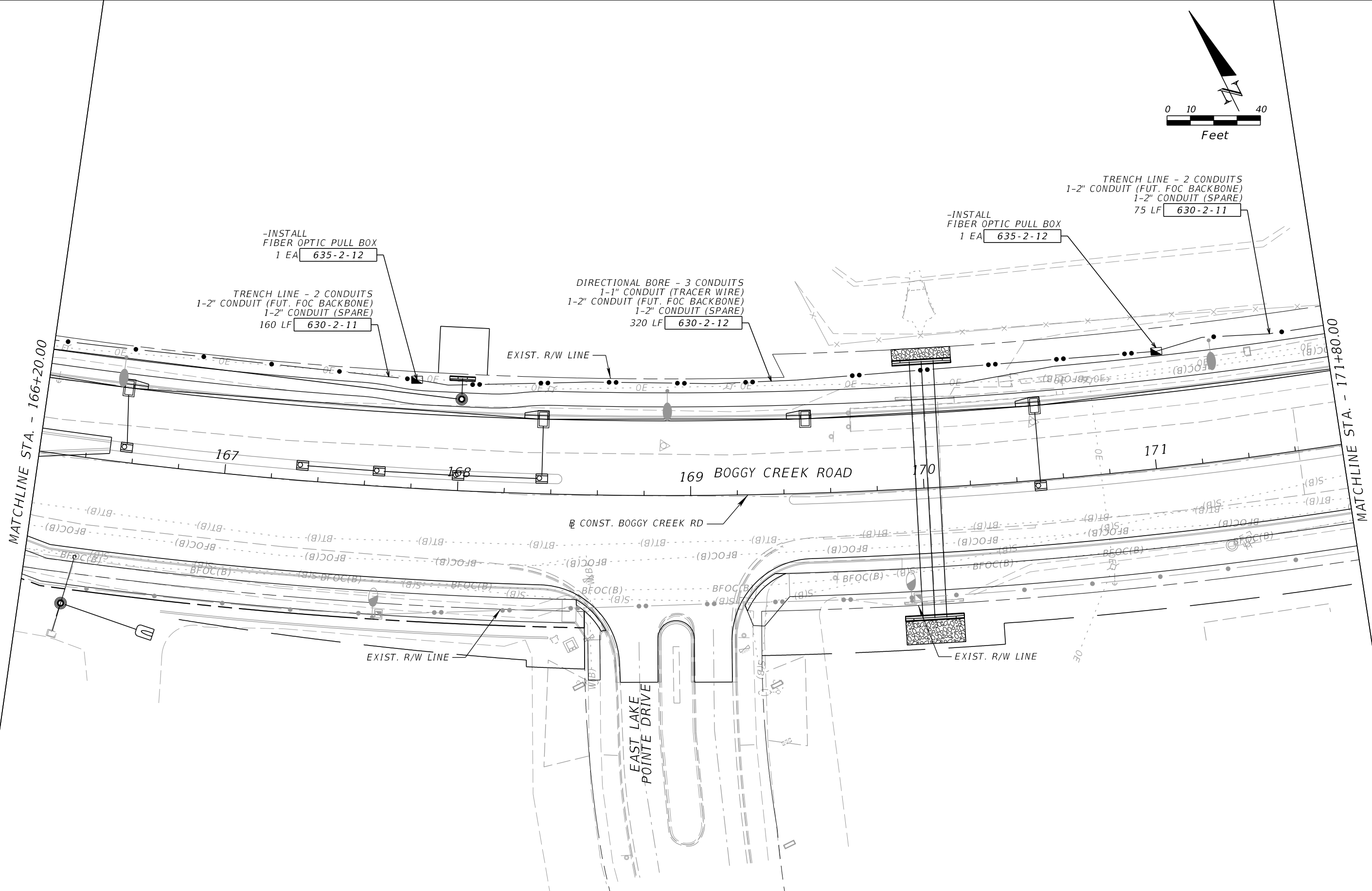
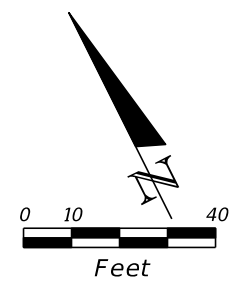
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-24

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

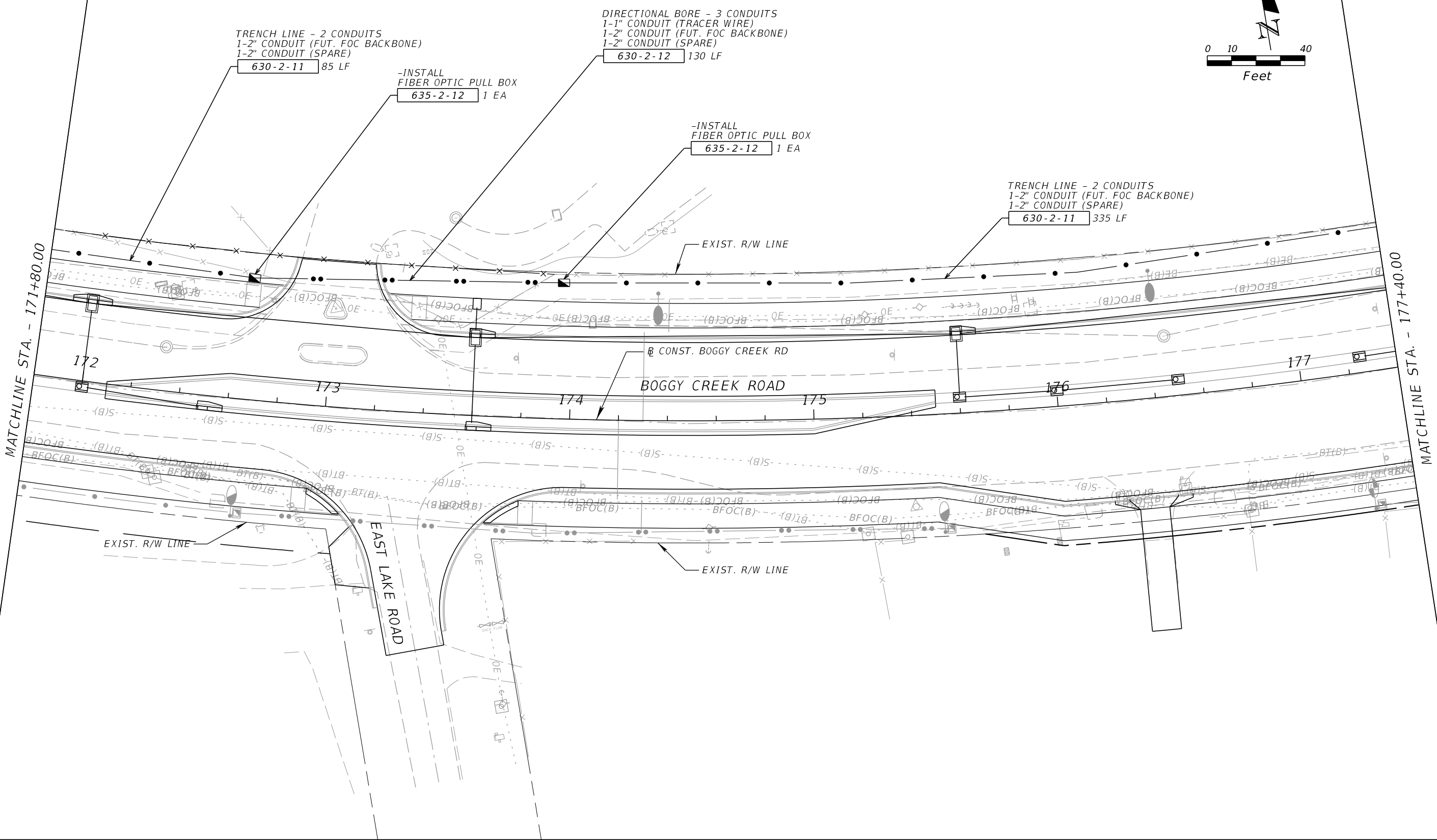
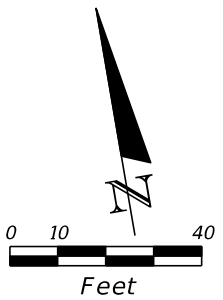
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-25

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

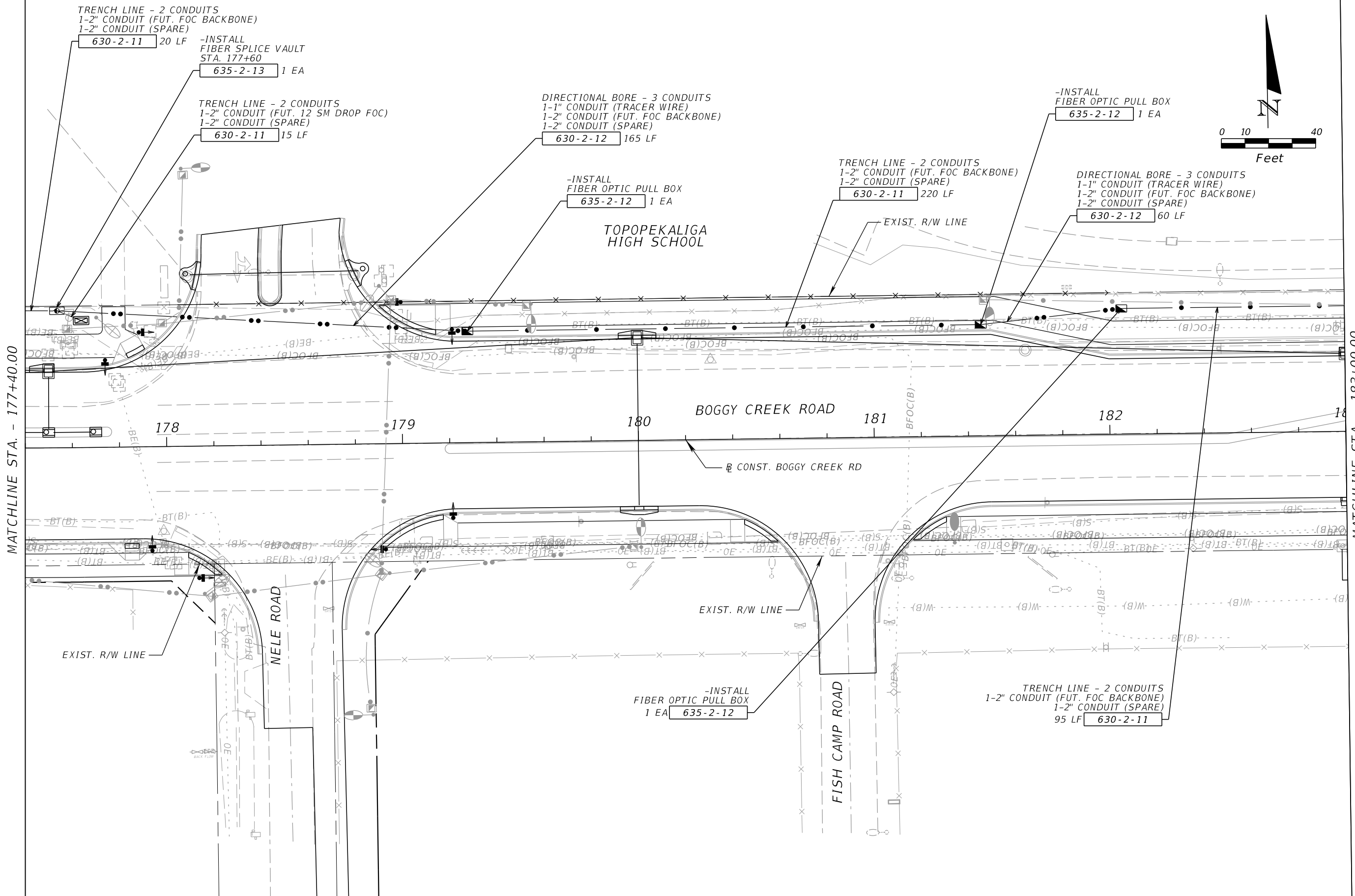
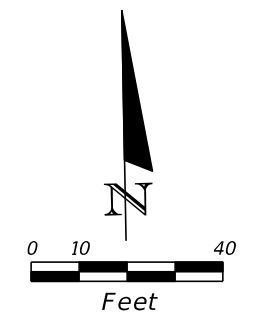
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-26

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

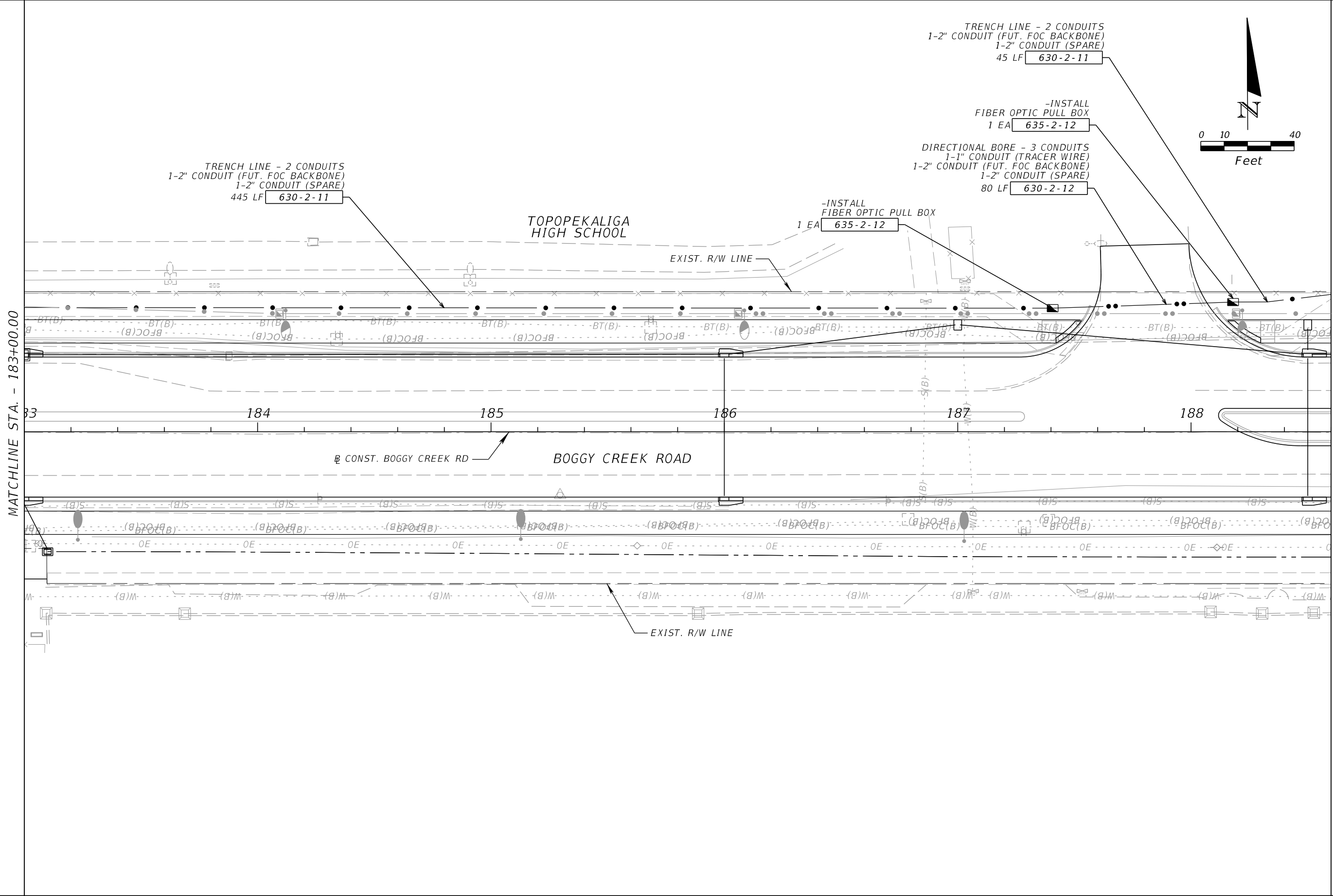
ITS PLAN SHEET

SHEET NO.
IT-27

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. - 183+00.00

MATCHLINE STA. - 188+60.00



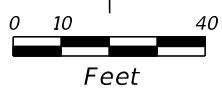
TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
445 LF 630-2-11

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
45 LF 630-2-11

-INSTALL
FIBER OPTIC PULL BOX
1 EA 635-2-12

DIRECTIONAL BORE - 3 CONDUITS
1-1" CONDUIT (TRACER WIRE)
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
80 LF 630-2-12

-INSTALL
FIBER OPTIC PULL BOX
1 EA 635-2-12



TOPOPEKALIGA
HIGH SCHOOL

EXIST. R/W LINE

CONST. BOGGY CREEK RD

BOGGY CREEK ROAD

EXIST. R/W LINE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

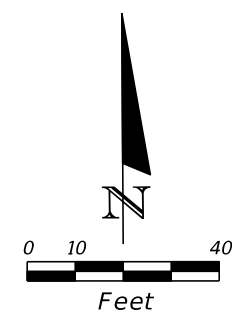
JARED KNIGHT, P.E.
P.E. LICENSE NUMBER 74758
VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-28

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 560 LF 630-2-11

TOPOPEKALIGA
 HIGH SCHOOL

EXIST. R/W LINE

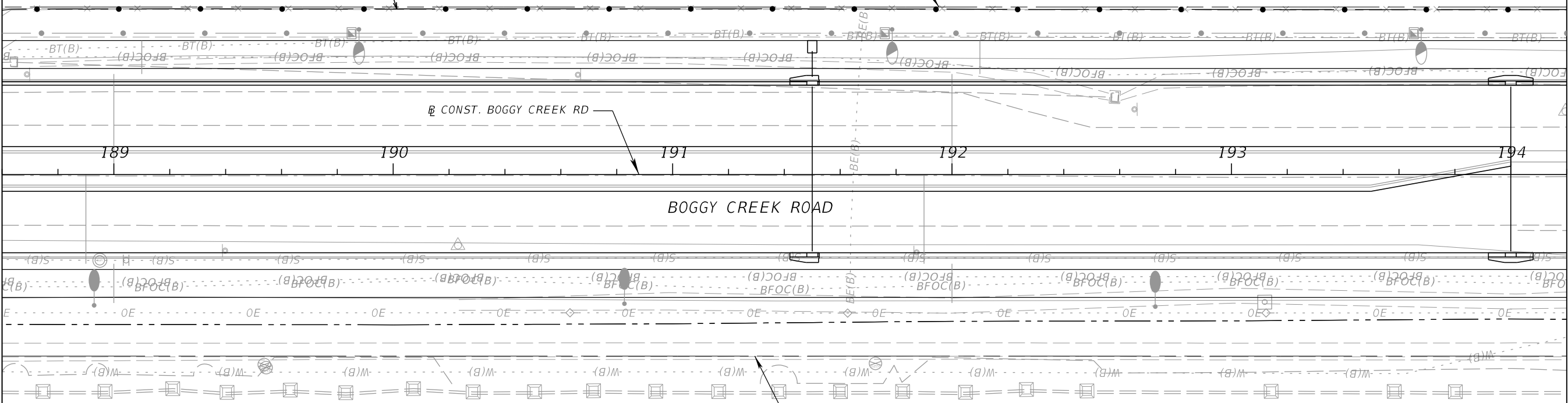
CONST. BOGGY CREEK RD

BOGGY CREEK ROAD

EXIST. R/W LINE

MATCHLINE STA. - 188+60.00

MATCHLINE STA. - 194+20.00

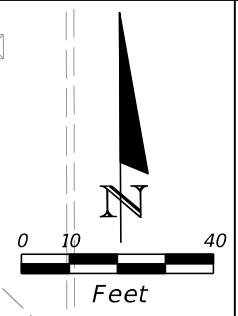


REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-29
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
				530	OSCEOLA	PS2011479-DG			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. - 194+20.00

MATCHLINE STA. - 199+80.00



TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 400 LF 630-2-11

DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 165 LF 630-2-12

-INSTALL FIBER OPTIC PULL BOX
 1 EA 635-2-12

EXIST. R/W LINE

SPRINGLAKE VILLAGE BLVD.

EXIST. R/W LINE

195 196 197 198 199

BOGGY CREEK ROAD

CONST. BOGGY CREEK RD

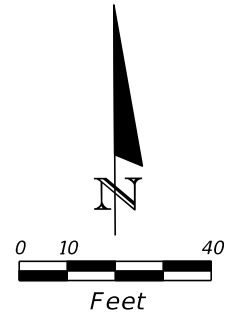
EXIST. R/W LINE

HOLIDAY WOODS DRIVE

EXIST. R/W LINE

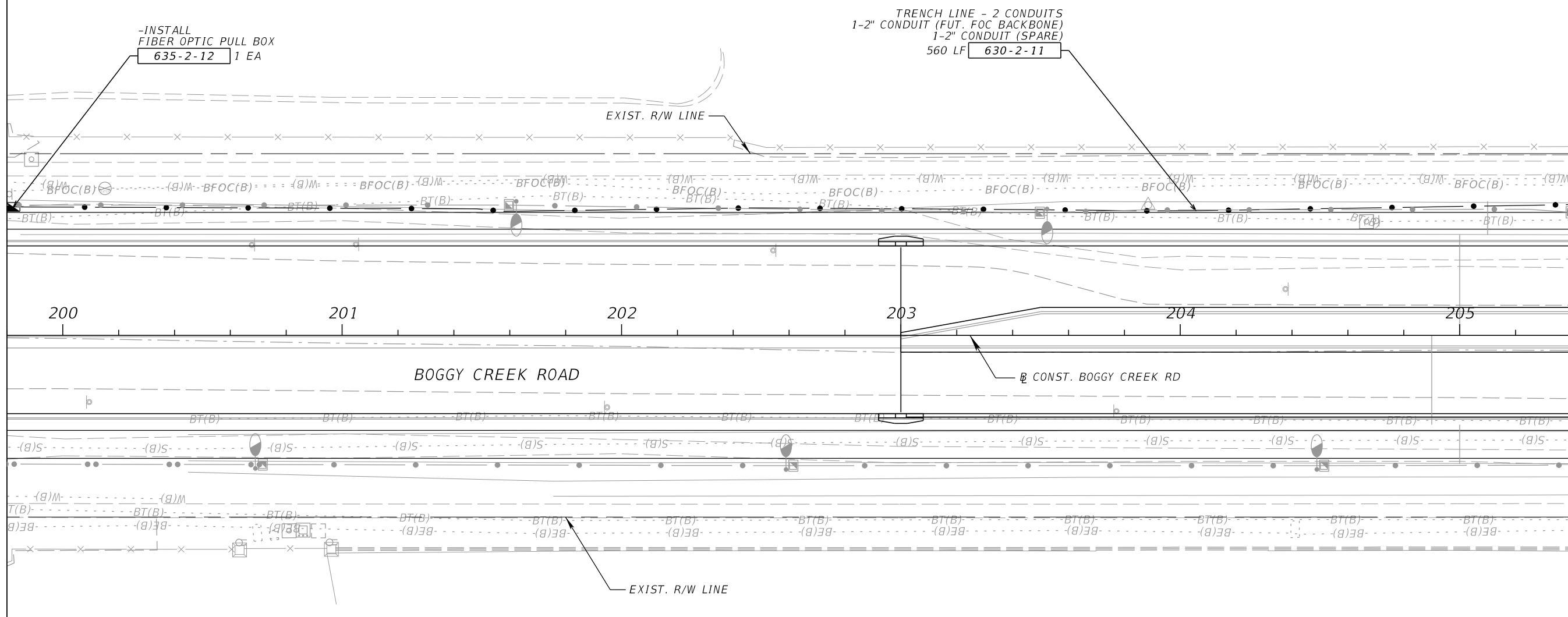
REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-30
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
				530	OSCEOLA	PS2011479-DG			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



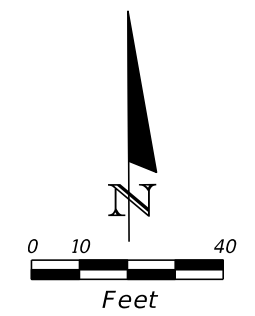
MATCHLINE STA. - 199+80.00

MATCHLINE STA. - 205+40.00



REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-31
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



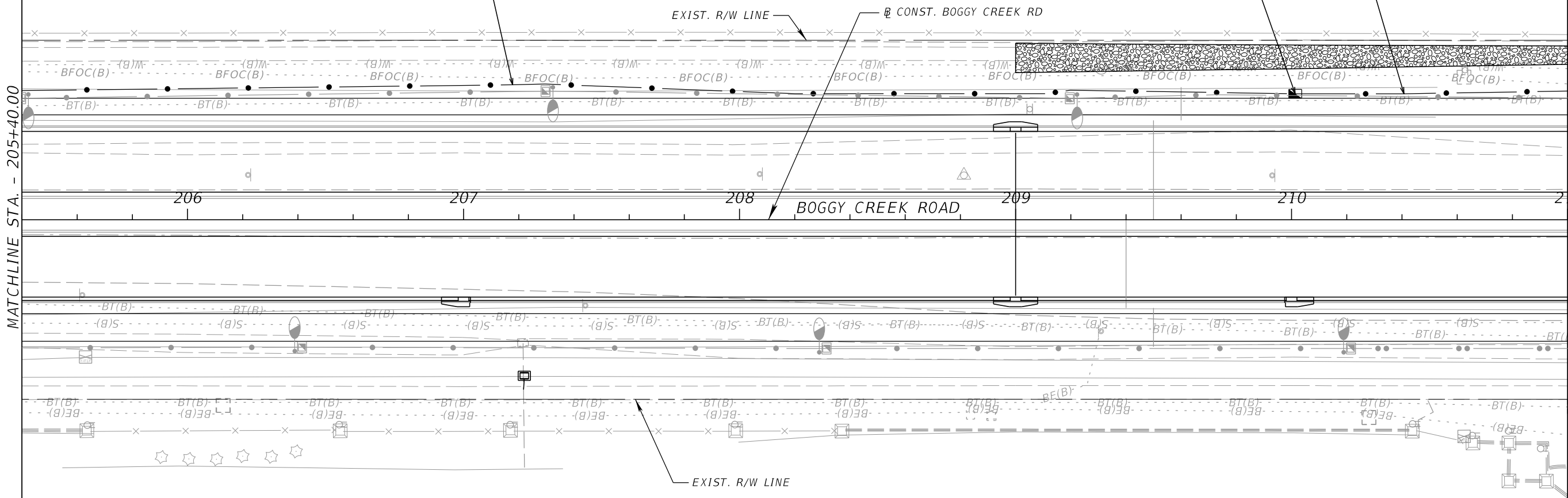
TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 460 LF 630-2-11

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 100 LF 630-2-11

-INSTALL
 FIBER OPTIC PULL BOX
 1 EA 635-2-12

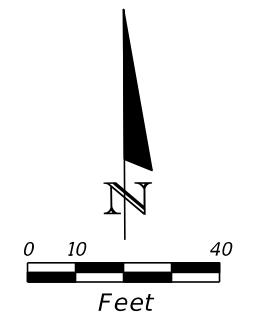
MATCHLINE STA. - 205+40.00

MATCHLINE STA. - 211+00.00



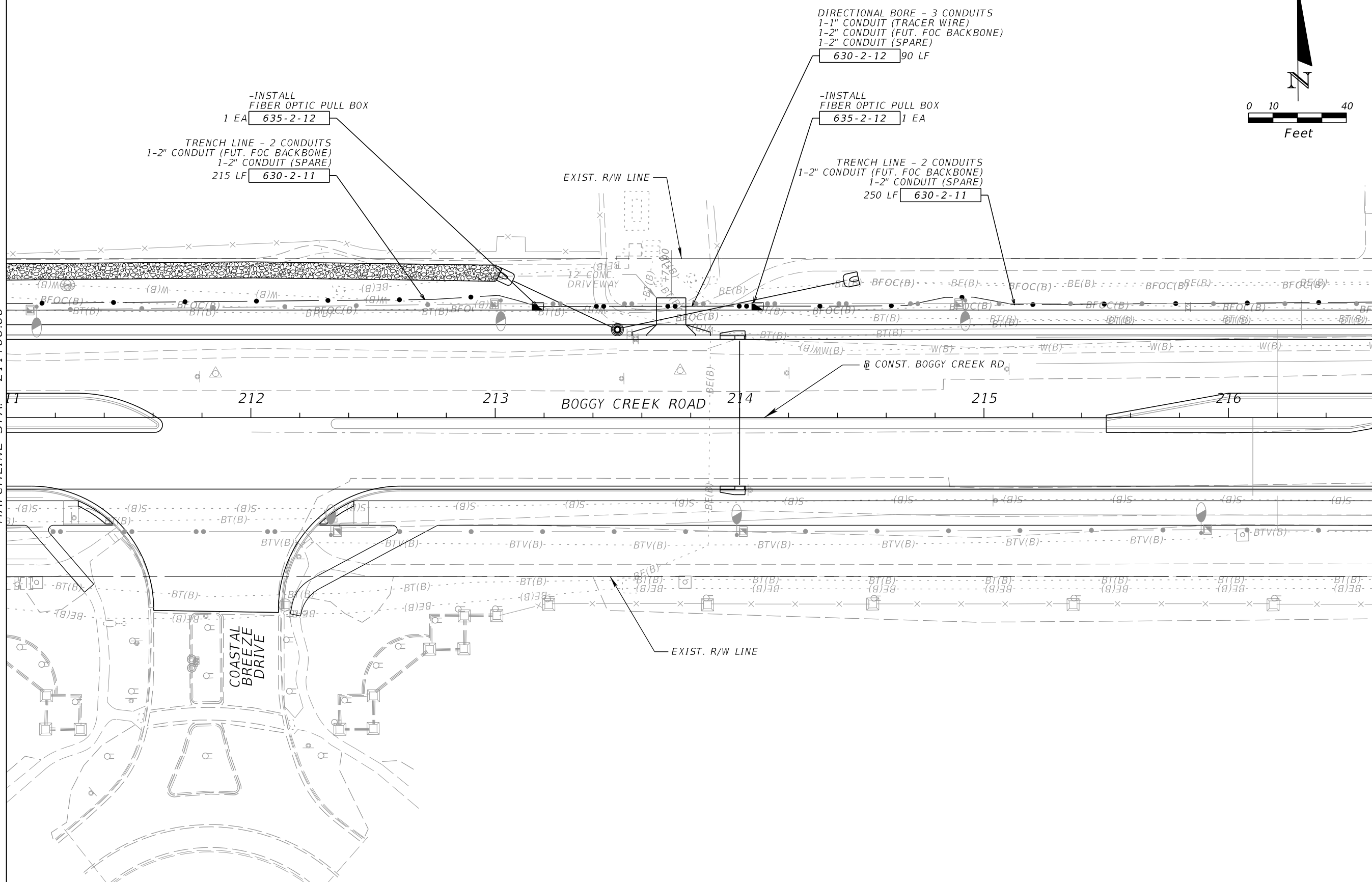
REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-32
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 211+00.00

MATCHLINE STA. - 216+60.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

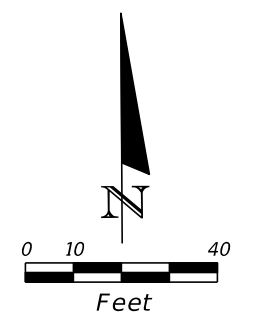
JARED KNIGHT, P.E.
P.E. LICENSE NUMBER 74758
VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-33

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 540 LF 630-2-11

DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUR. FOC BACKWIRE)
 1-2" CONDUIT (SPARE)
 20 LF 630-2-12
 -INSTALL FIBER OPTIC PULL BOX
 1 EA 635-2-12

EAST LAKE ELEMENTARY

EXIST. R/W LINE

CONST. BOGGY CREEK RD

BOGGY CREEK ROAD

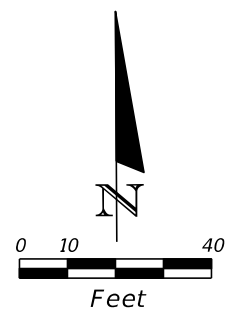
MATCHLINE STA. - 216+60.00

MATCHLINE STA. - 222+20.00

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			SHEET NO. IT-34
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.	
					530	OSCEOLA	PS2011479-DG	

ITS PLAN SHEET

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 630-2-12 120 LF

-INSTALL FIBER OPTIC PULL BOX
 635-2-12 1 EA

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 455 LF 630-2-11

EAST LAKE ELEMENTARY

EXIST. R/W LINE

CONST. BOGGY CREEK RD

BOGGY CREEK ROAD

EXIST. R/W LINE

MATCHLINE STA. - 222+20.00

MATCHLINE STA. - 227+80.00

223

224

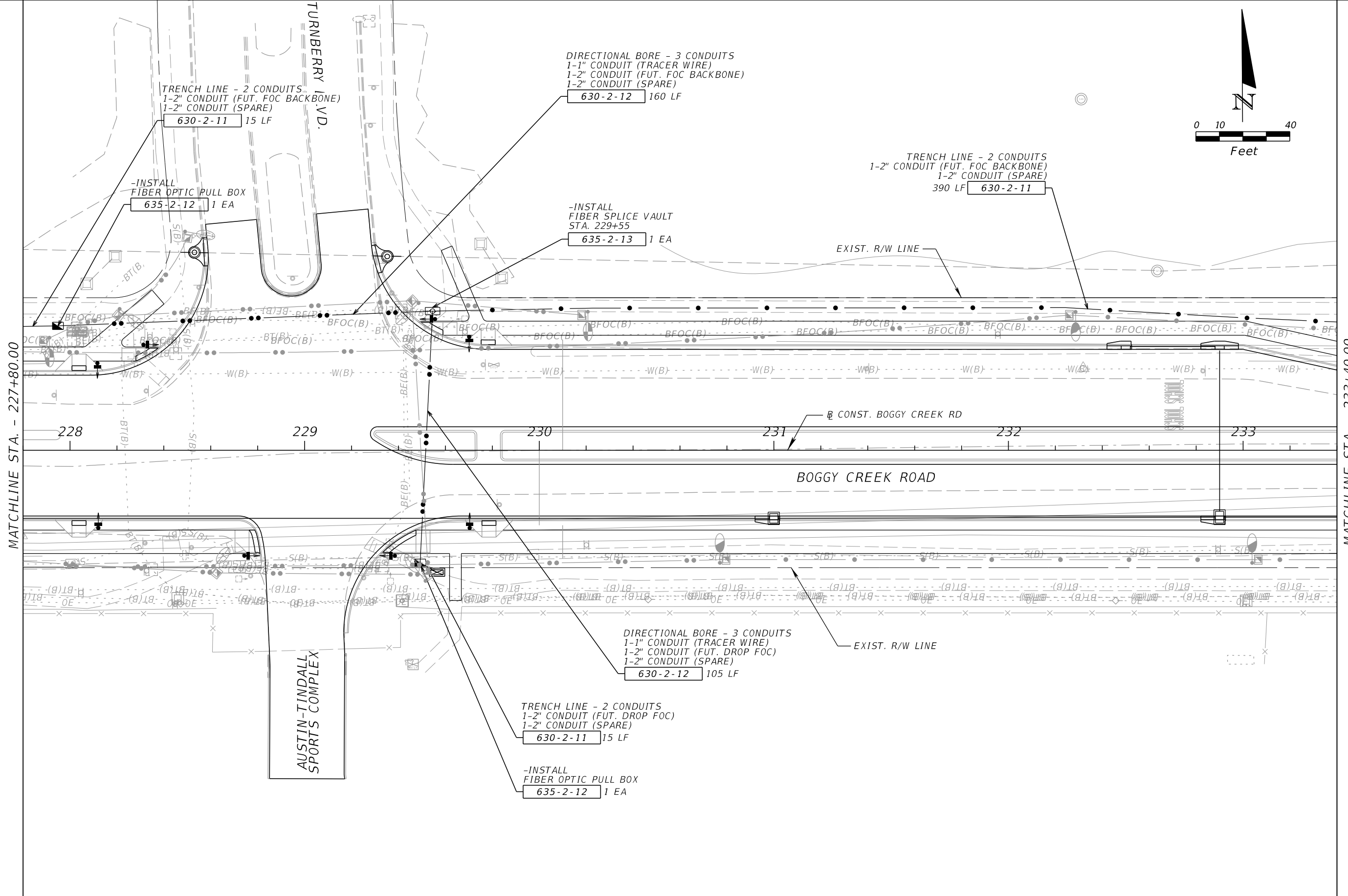
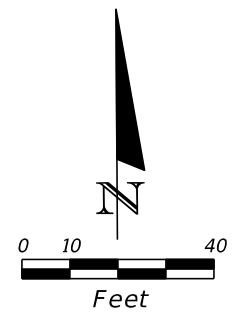
225

226

227

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-35
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
				530	OSCEOLA	PS2011479-DG			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 227+80.00

MATCHLINE STA. - 233+40.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

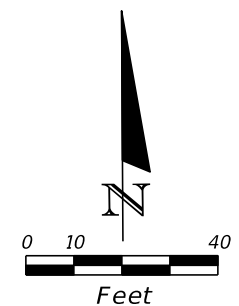
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

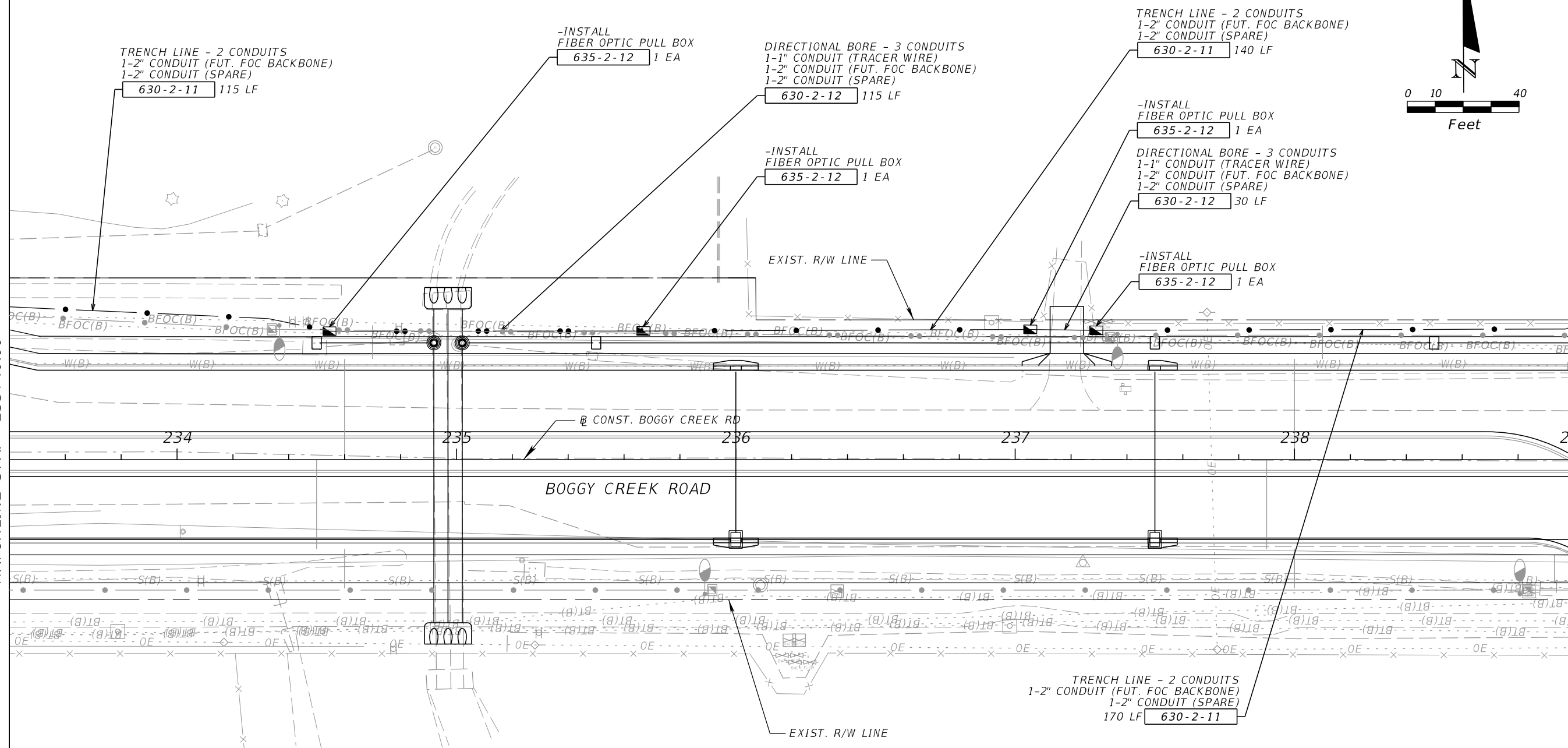
SHEET NO.
IT-36

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



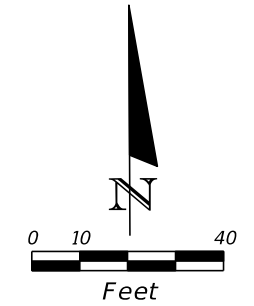
MATCHLINE STA. - 233+40.00

MATCHLINE STA. - 239+00.00



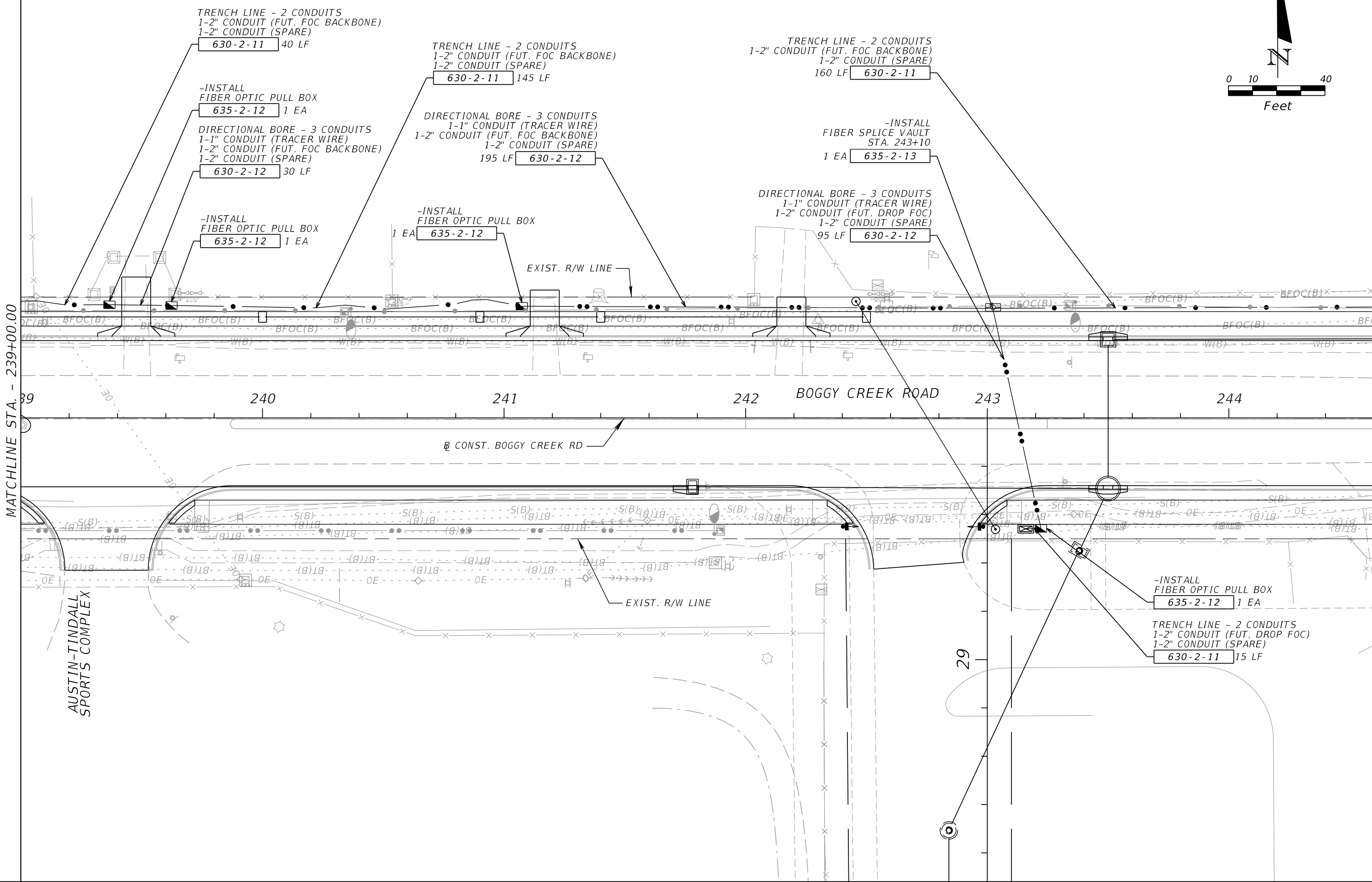
REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			<h2 style="margin: 0;">ITS PLAN SHEET</h2>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		IT-37
					530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 239+00.00

MATCHLINE STA. - 244+60.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

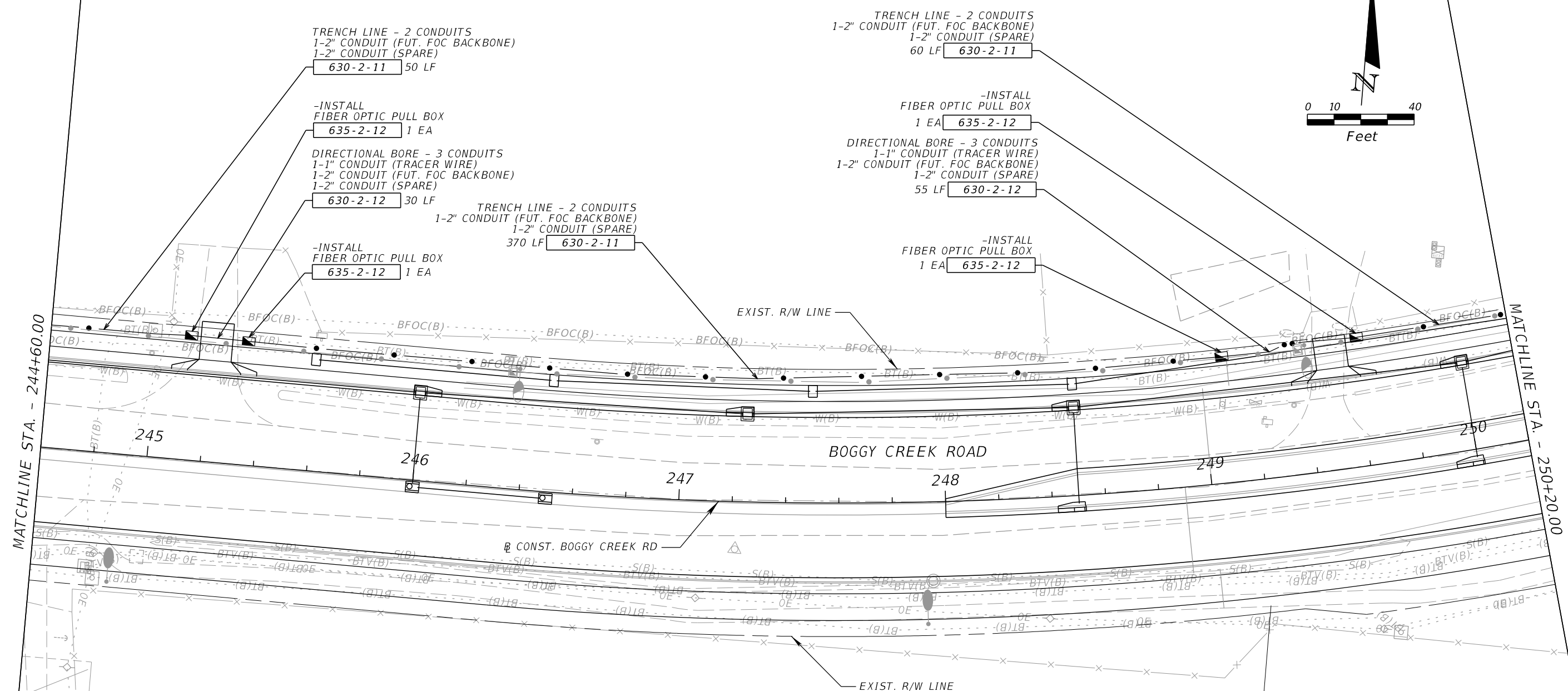
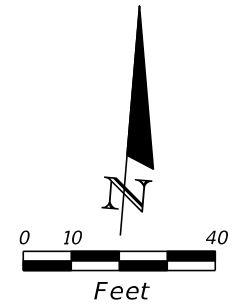
JARED KNIGHT, P.E.
P.E. LICENSE NUMBER 74758
VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-38

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

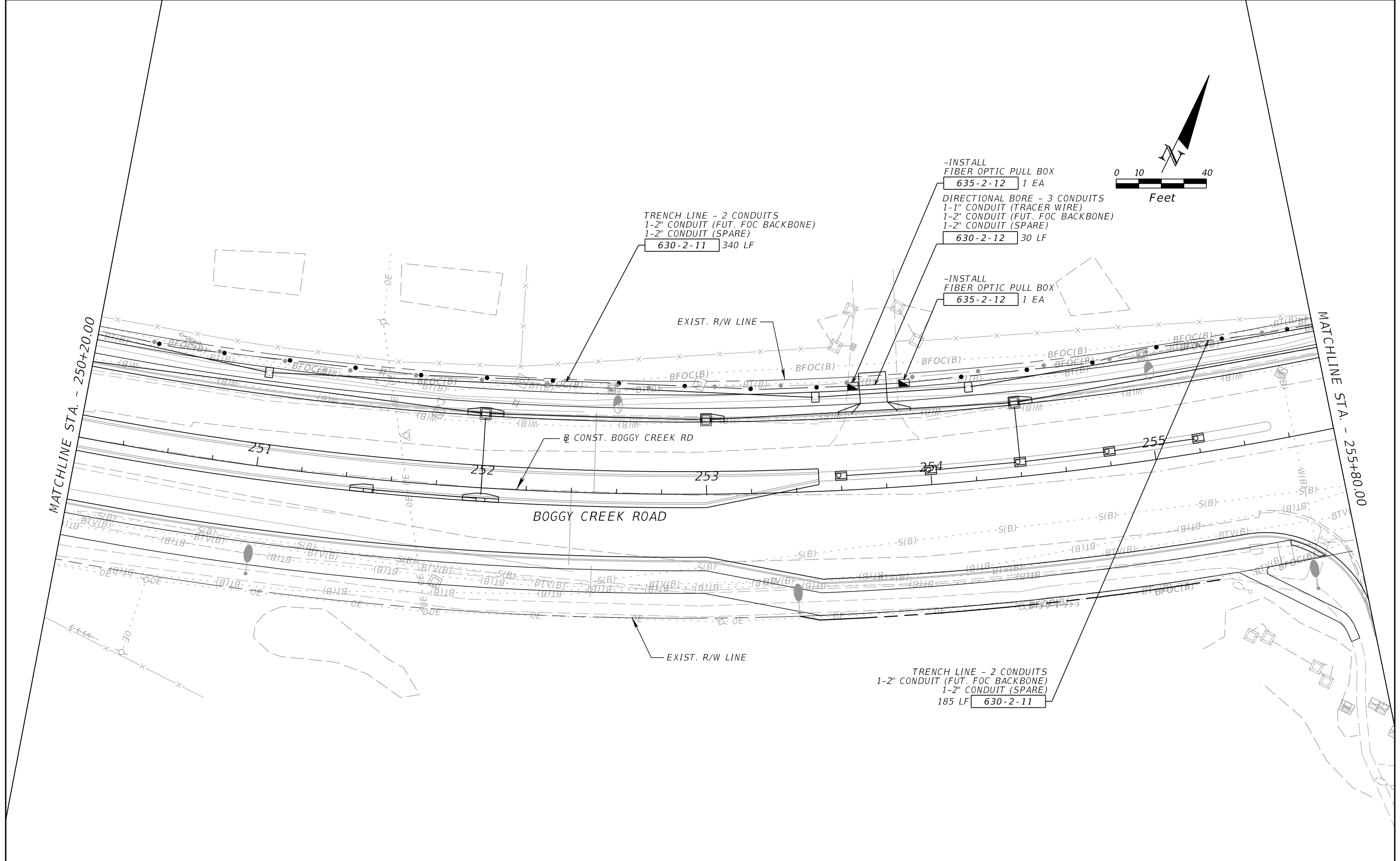


MATCHLINE STA. - 244+60.00

MATCHLINE STA. - 250+20.00

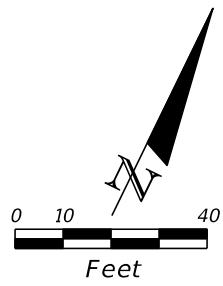
REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-39
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 250+20.00

MATCHLINE STA. - 255+80.00



TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 630-2-11 340 LF

-INSTALL FIBER OPTIC PULL BOX
 635-2-12 1 EA
 DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 630-2-12 30 LF

-INSTALL FIBER OPTIC PULL BOX
 635-2-12 1 EA

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 185 LF 630-2-11

BOGGY CREEK ROAD

CONST. BOGGY CREEK RD

EXIST. R/W LINE

EXIST. R/W LINE

251

252

253

254

255

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

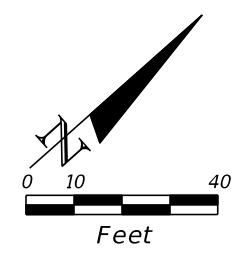
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-40

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 155 LF 630-2-11

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 280 LF 630-2-11

-INSTALL
 FIBER OPTIC PULL BOX
 635-2-12 1 EA

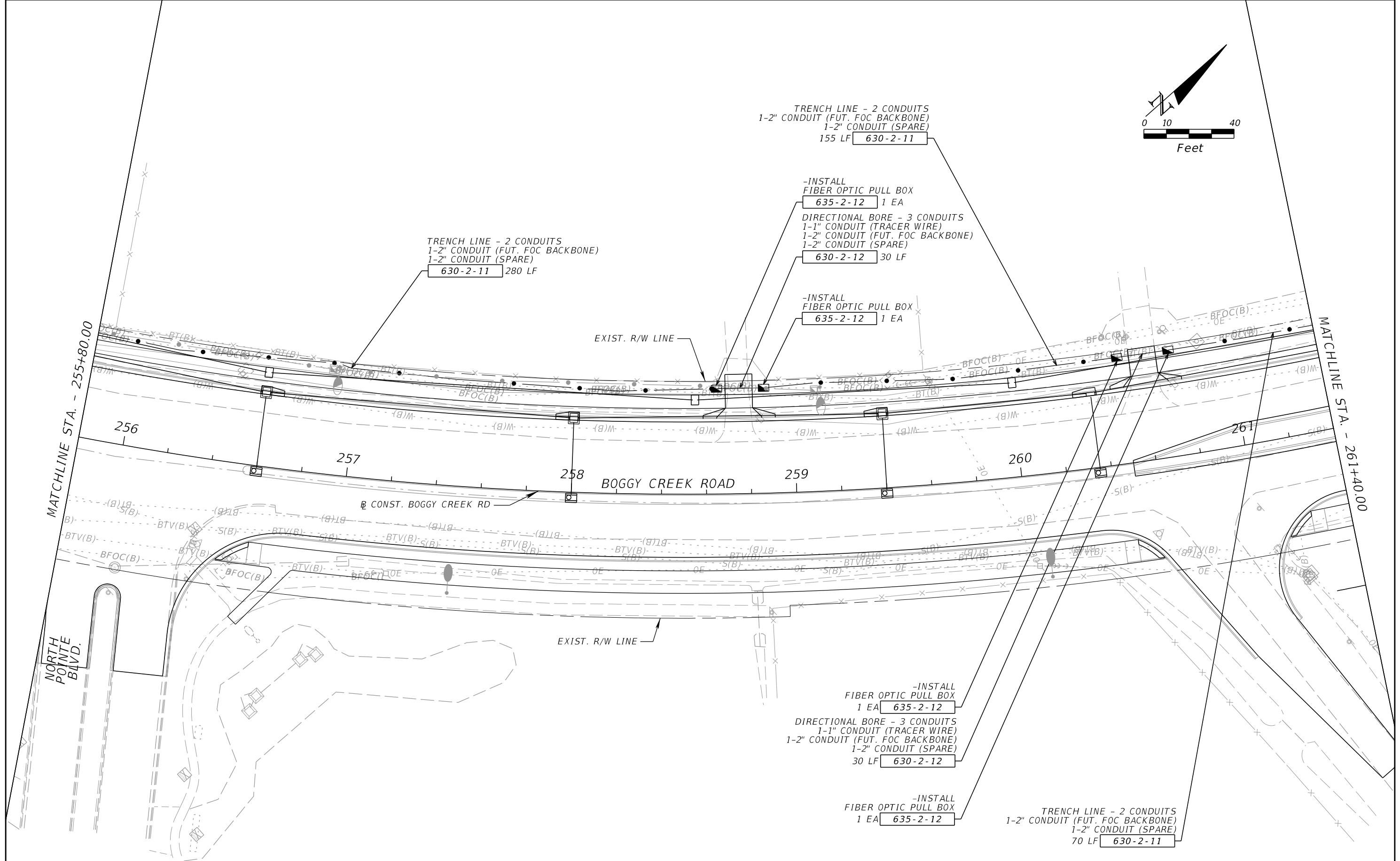
DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 30 LF 630-2-12

-INSTALL
 FIBER OPTIC PULL BOX
 635-2-12 1 EA

-INSTALL
 FIBER OPTIC PULL BOX
 1 EA 635-2-12
 DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 30 LF 630-2-12

-INSTALL
 FIBER OPTIC PULL BOX
 1 EA 635-2-12

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 70 LF 630-2-11



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

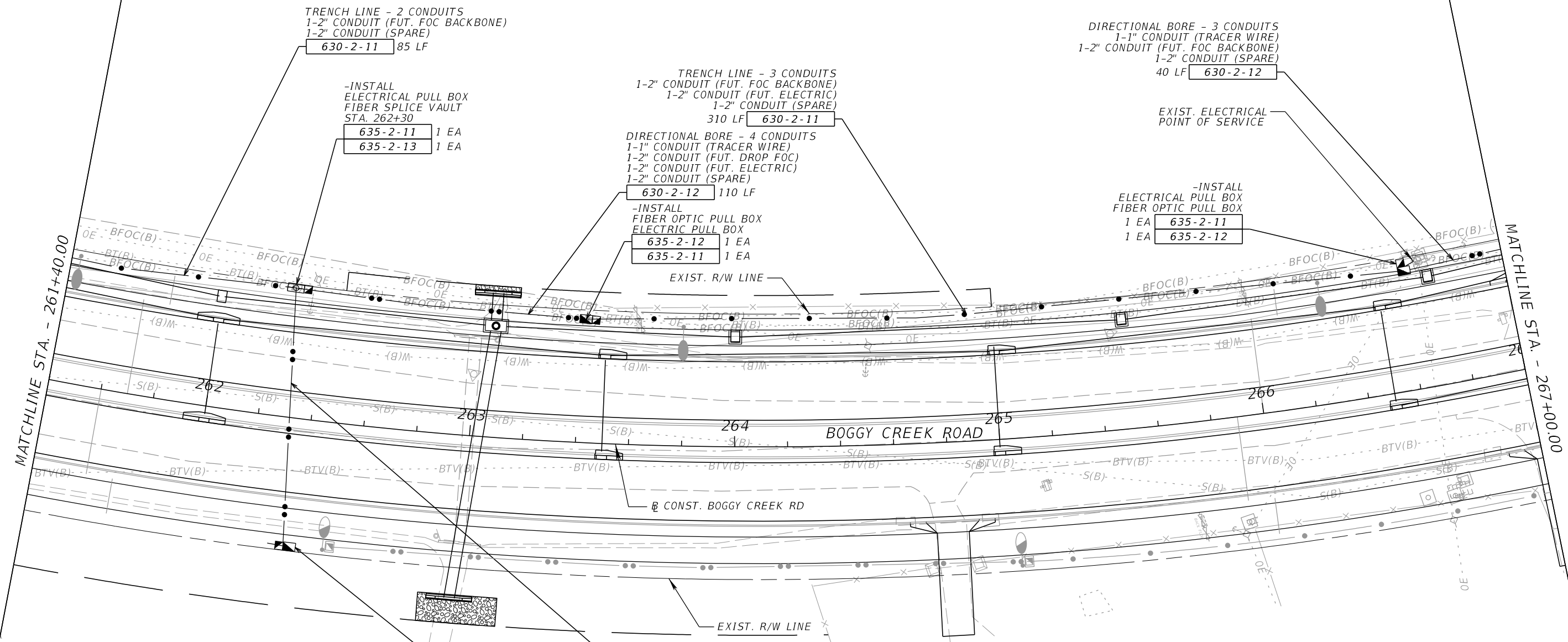
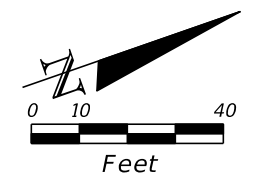
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-41

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 630-2-11 85 LF

-INSTALL
 ELECTRICAL PULL BOX
 FIBER SPLICE VAULT
 STA. 262+30
 635-2-11 1 EA
 635-2-13 1 EA

TRENCH LINE - 3 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (FUT. ELECTRIC)
 1-2" CONDUIT (SPARE)
 310 LF 630-2-11

DIRECTIONAL BORE - 4 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. DROP FOC)
 1-2" CONDUIT (FUT. ELECTRIC)
 1-2" CONDUIT (SPARE)
 630-2-12 110 LF

-INSTALL
 FIBER OPTIC PULL BOX
 ELECTRICAL PULL BOX
 635-2-12 1 EA
 635-2-11 1 EA

DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 40 LF 630-2-12

EXIST. ELECTRICAL
 POINT OF SERVICE

-INSTALL
 ELECTRICAL PULL BOX
 FIBER OPTIC PULL BOX
 1 EA 635-2-11
 1 EA 635-2-12

-INSTALL
 ELECTRICAL PULL BOX
 FIBER OPTIC PULL BOX
 635-2-11 1 EA
 635-2-12 1 EA

DIRECTIONAL BORE - 4 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. DROP FOC)
 1-2" CONDUIT (FUT. ELECTRIC)
 1-2" CONDUIT (SPARE)
 630-2-12 100 LF

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

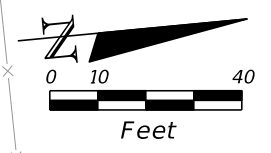
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

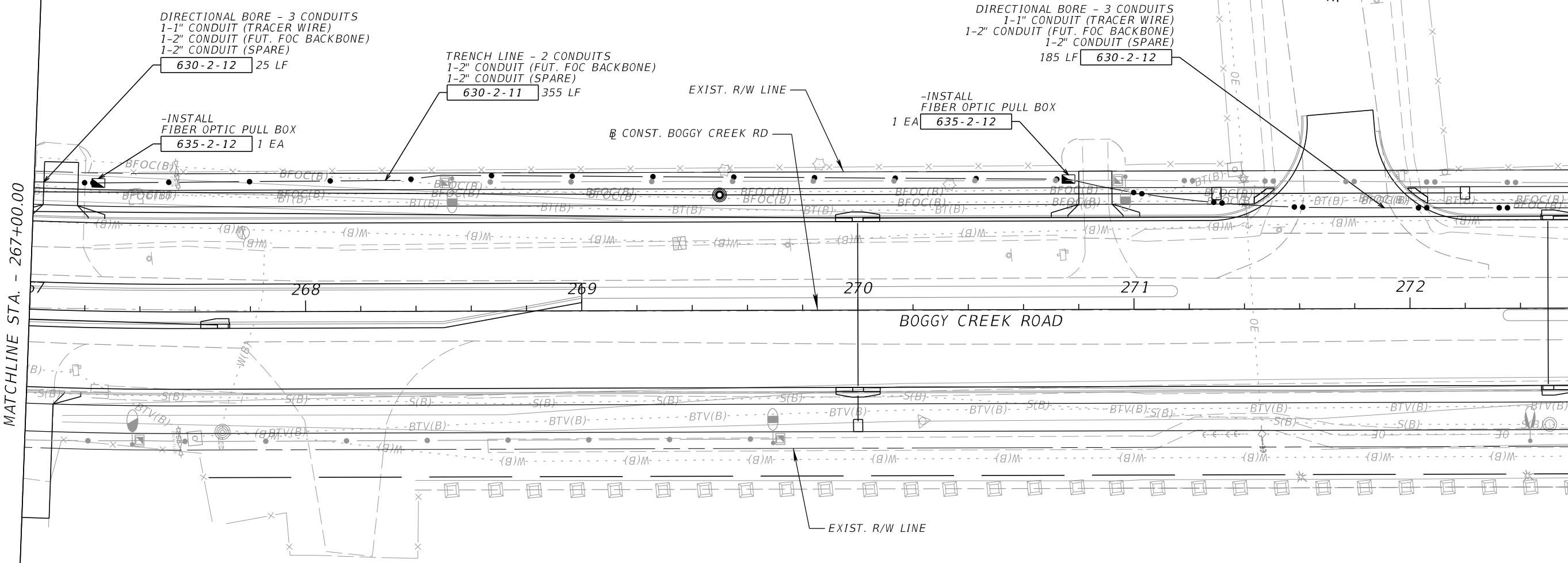
SHEET NO.
IT-42

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



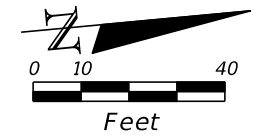
MATCHLINE STA. - 267+00.00

MATCHLINE STA. - 272+60.00



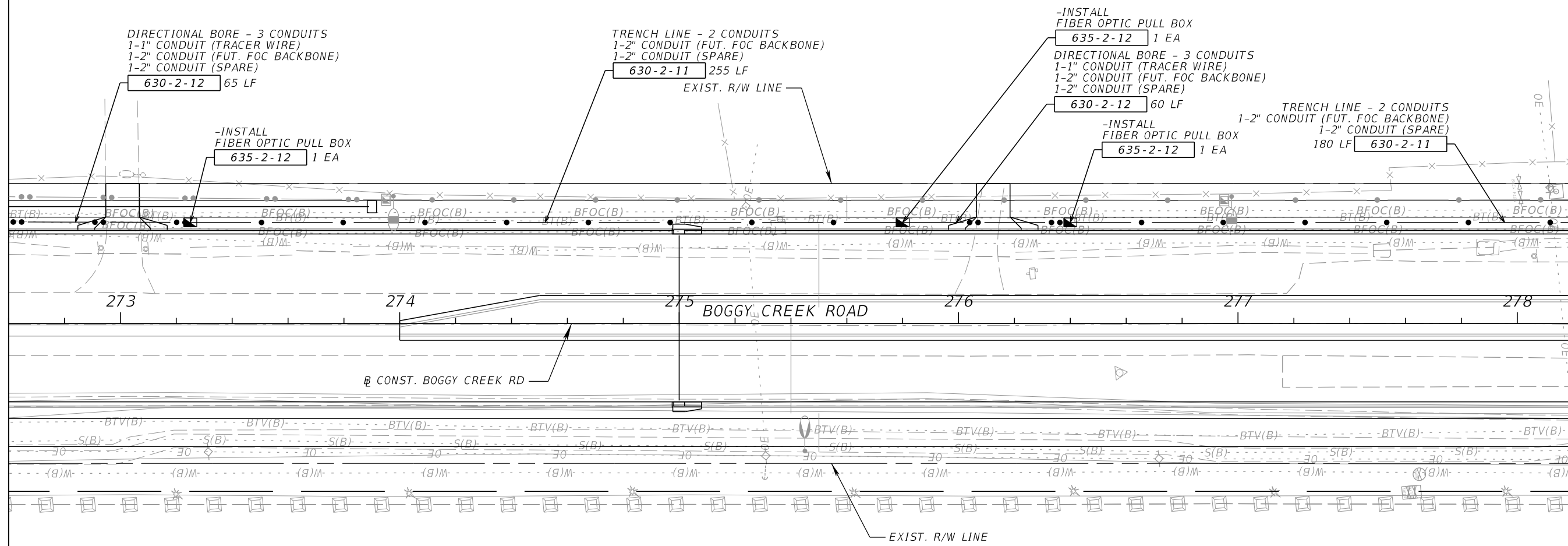
REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-43
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



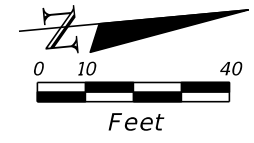
MATCHLINE STA. - 272+60.00

MATCHLINE STA. - 278+20.00



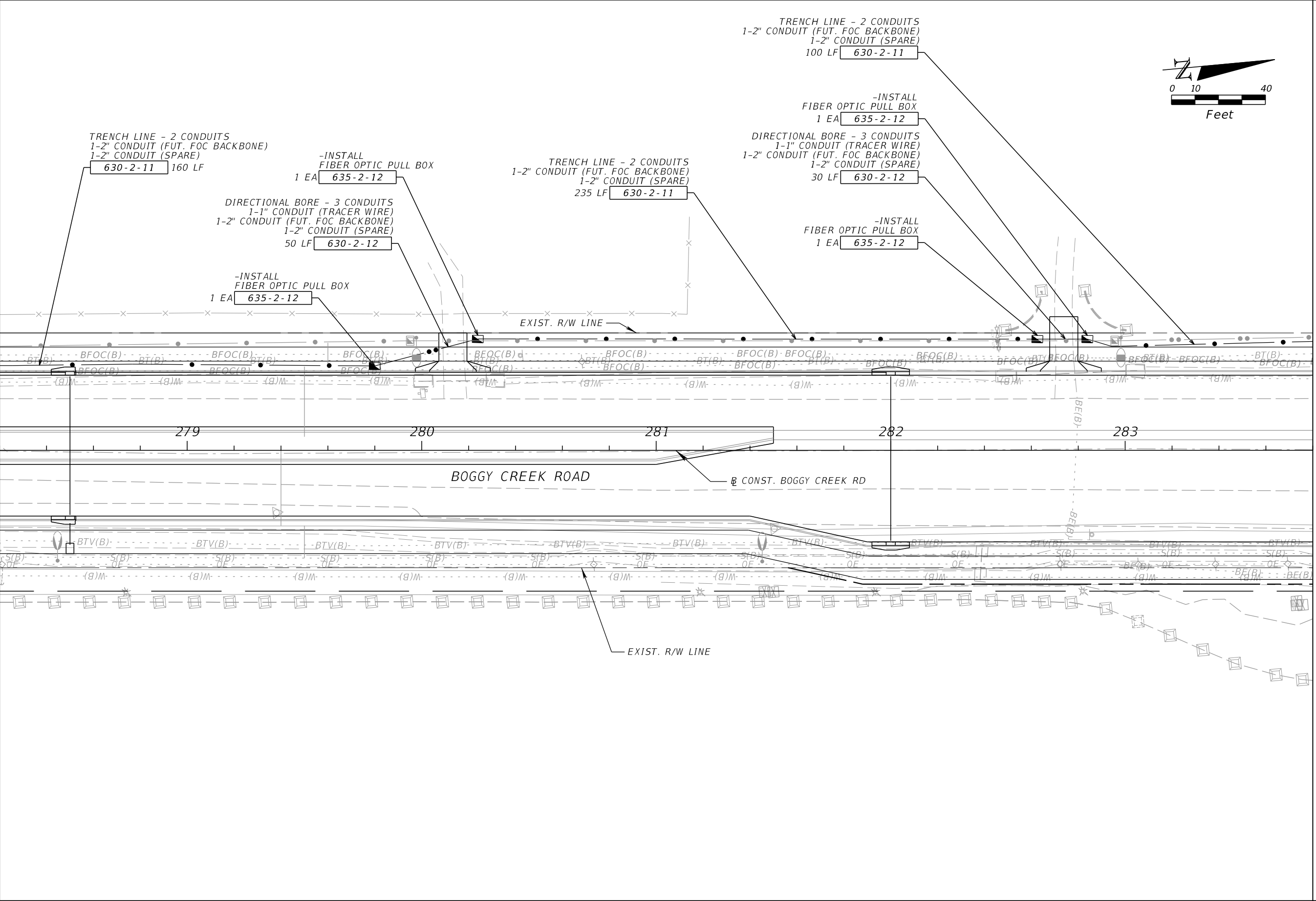
REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-44
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
				530	OSCEOLA	PS2011479-DG			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 278+20.00

MATCHLINE STA. - 283+80.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

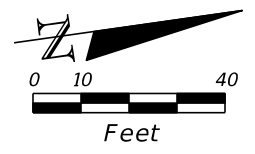
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-45

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 630-2-11 40 LF

-INSTALL FIBER OPTIC PULL BOX
 635-2-12 1 EA

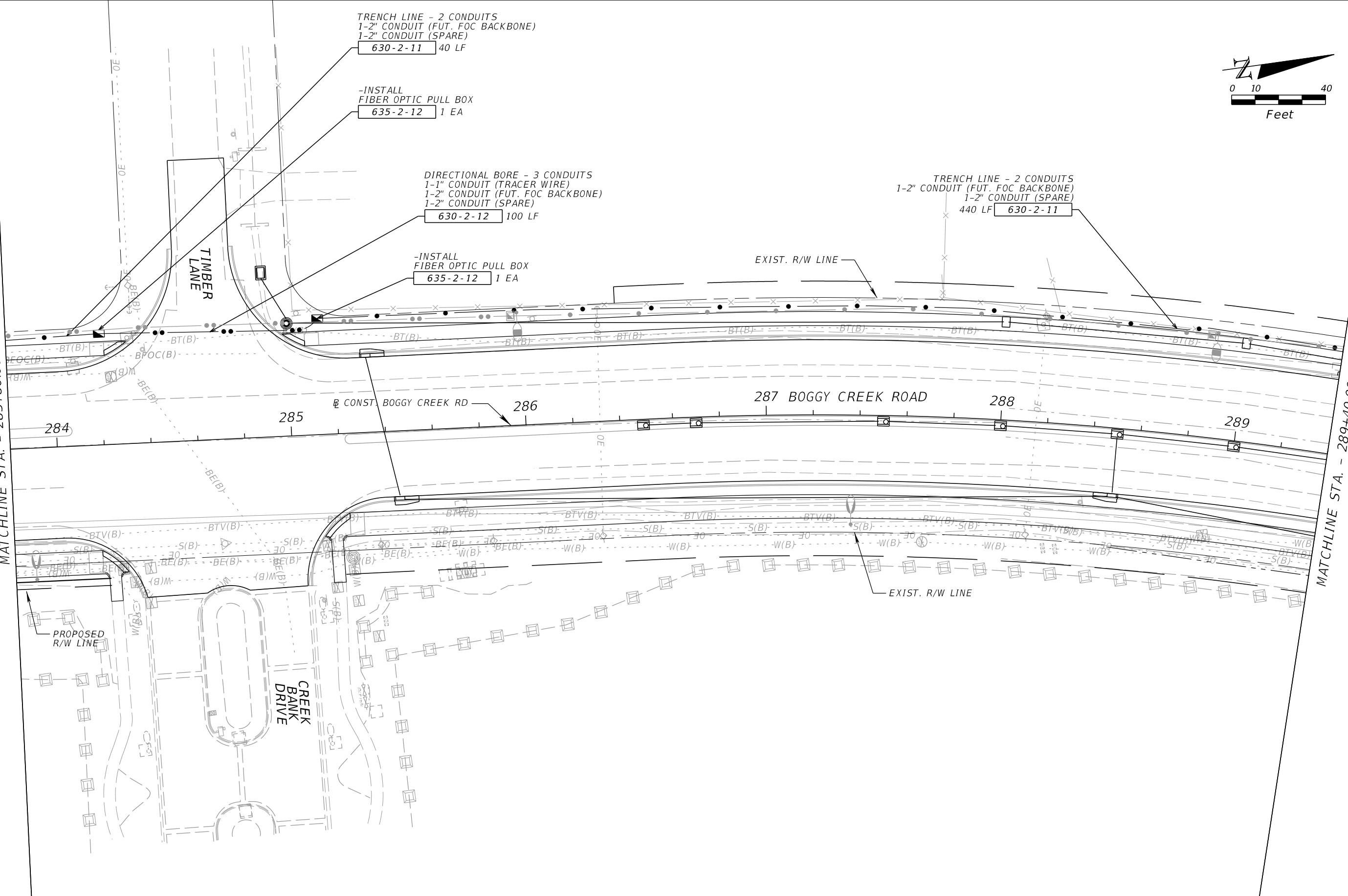
DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 630-2-12 100 LF

-INSTALL FIBER OPTIC PULL BOX
 635-2-12 1 EA

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 440 LF 630-2-11

MATCHLINE STA. - 283+80.00

MATCHLINE STA. - 289+40.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

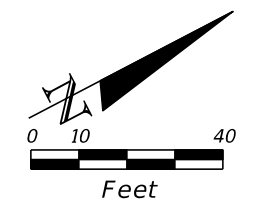
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-46

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



-INSTALL FIBER OPTIC PULL BOX
635-2-12 1 EA

DIRECTIONAL BORE - 3 CONDUITS
1-1" CONDUIT (TRACER WIRE)
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
630-2-12 30 LF

-INSTALL FIBER OPTIC PULL BOX
635-2-12 1 EA

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
295 LF 630-2-11

DIRECTIONAL BORE - 3 CONDUITS
1-1" CONDUIT (TRACER WIRE)
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
125 LF 630-2-12

-INSTALL FIBER OPTIC PULL BOX
635-2-12 1 EA

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
135 LF 630-2-11

-INSTALL FIBER OPTIC PULL BOX
635-2-12 1 EA

MATCHLINE STA. - 289+40.00

MATCHLINE STA. - 295+00.00

290 291 292 293 294

BOGGY CREEK ROAD

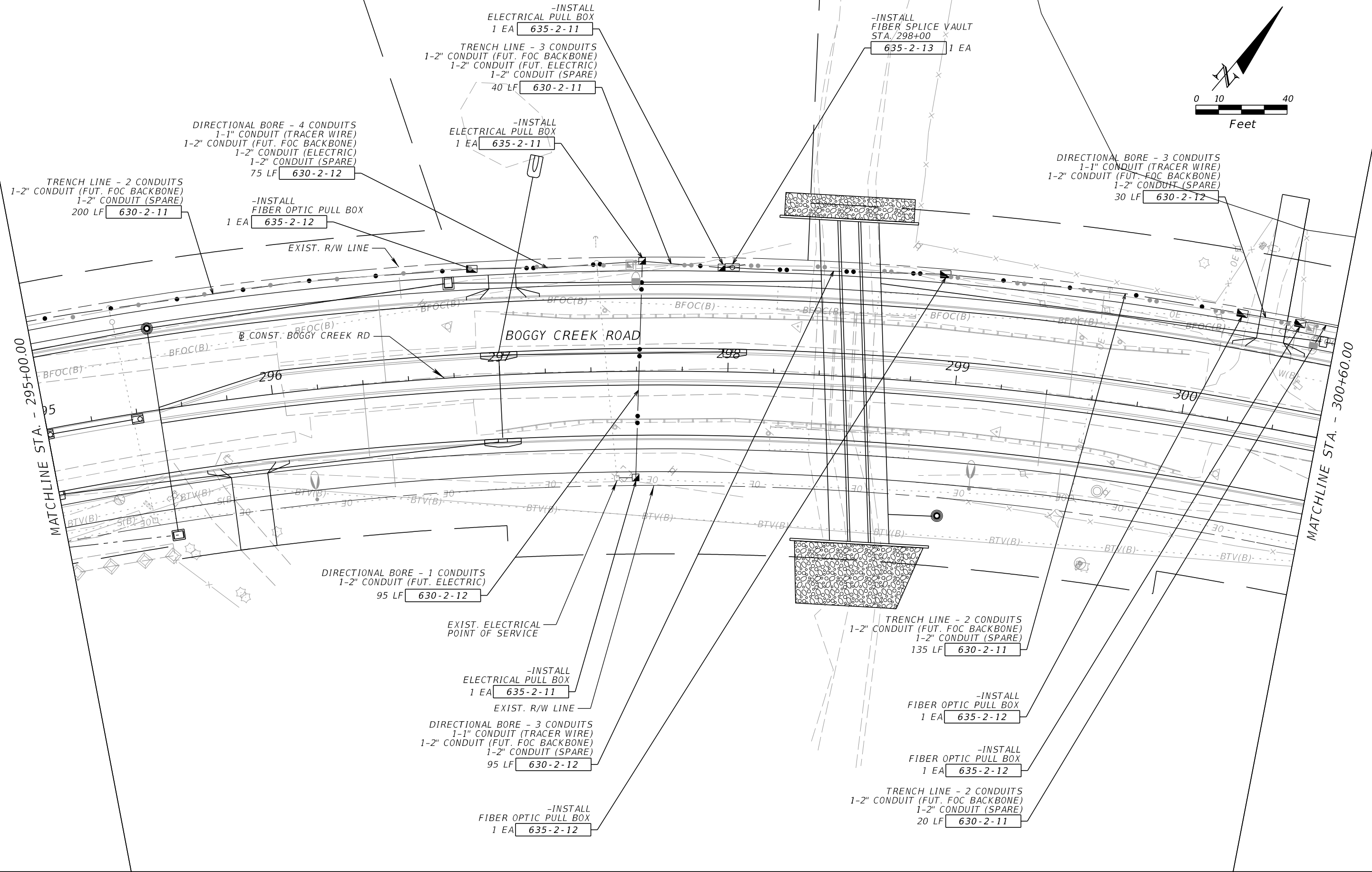
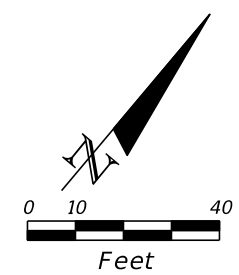
CONST. BOGGY CREEK RD

EXIST. R/W LINE

HIGH PLAINS LANE

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET SHEET NO. IT-47
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.	
				530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

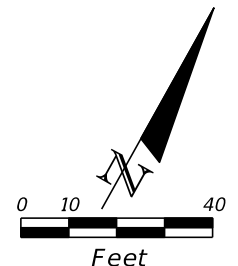
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

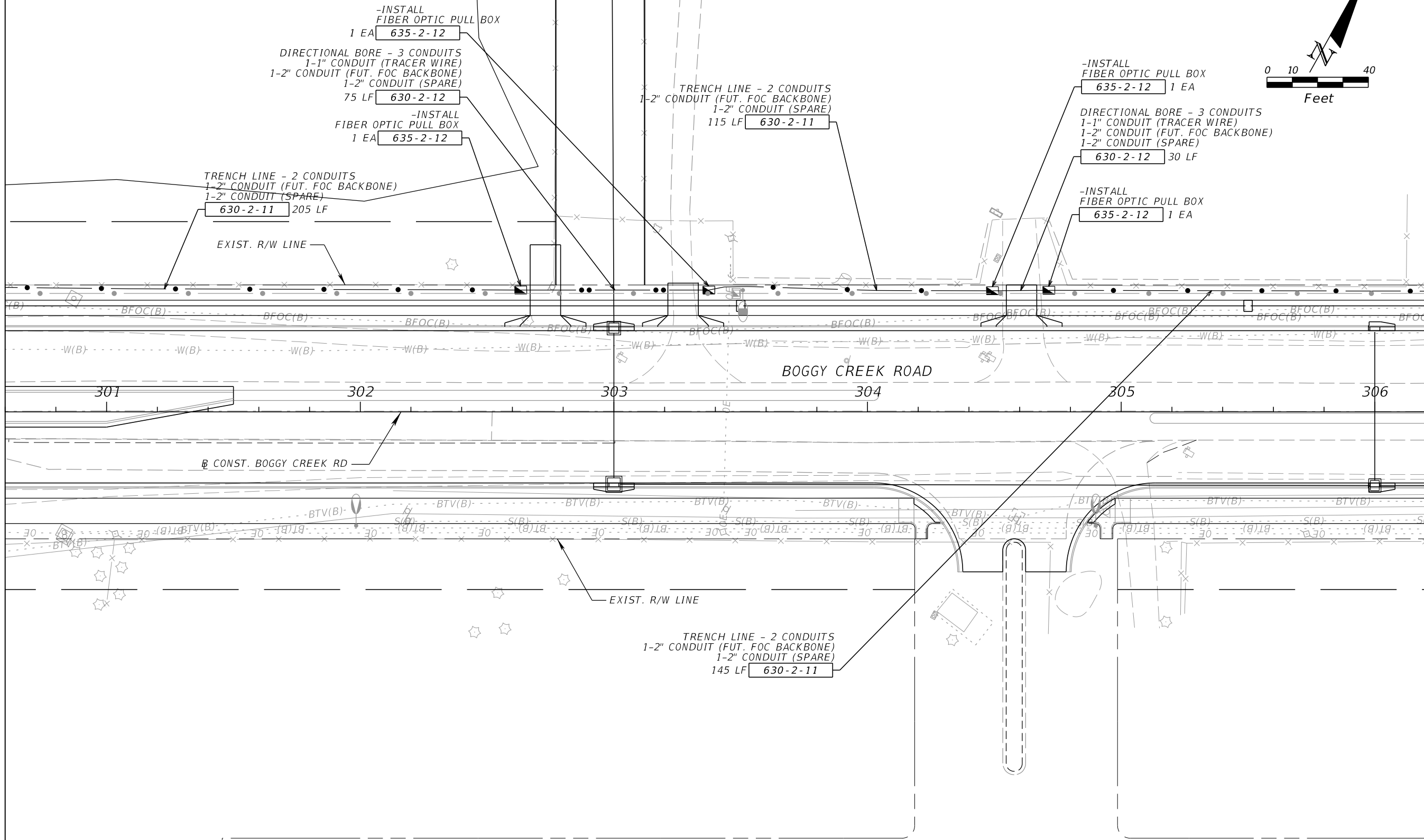
SHEET NO.
IT-48

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 300+60.00

MATCHLINE STA. - 306+20.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

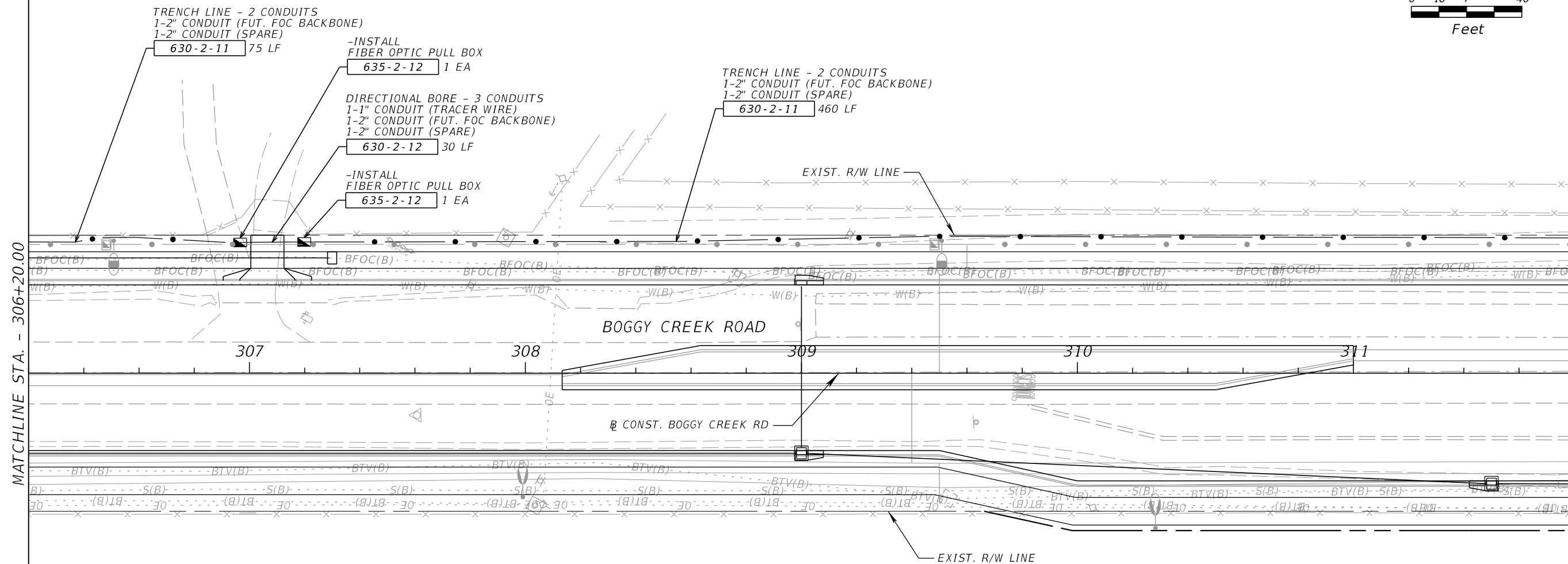
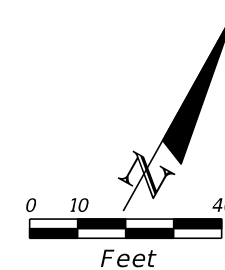
JARED KNIGHT, P.E.
P.E. LICENSE NUMBER 74758
VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-49

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

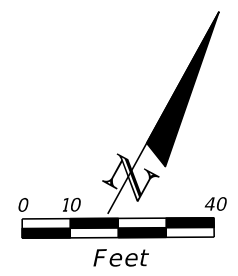


MATCHLINE STA. - 306+20.00

MATCHLINE STA. - 311+80.00

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-50
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



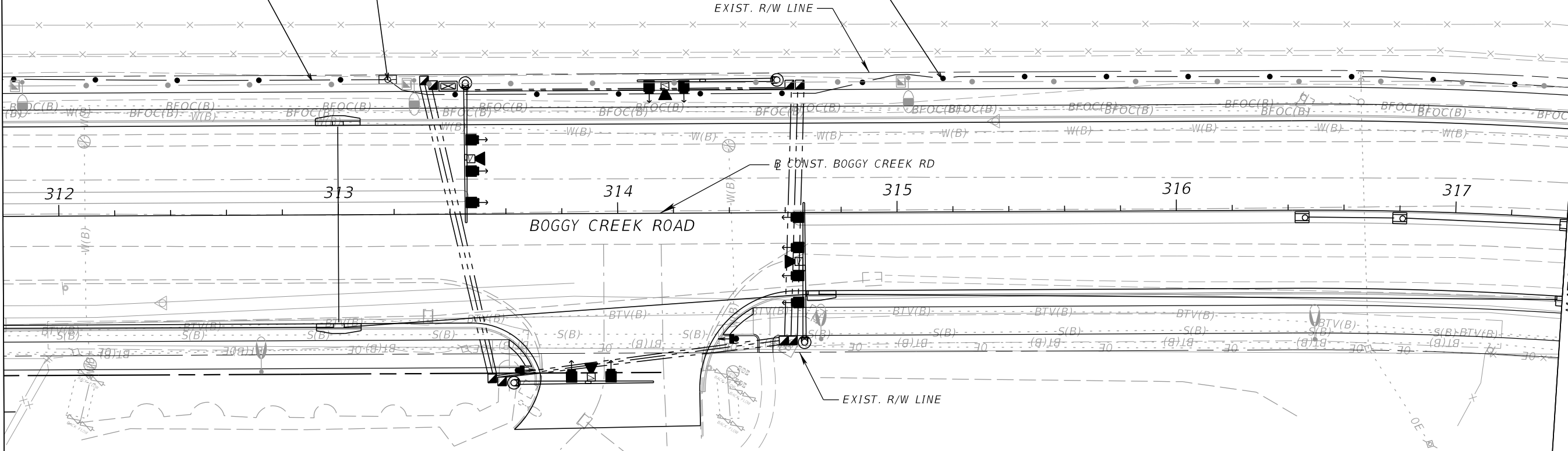
-INSTALL
FIBER SPLICE VAULT
STA. 313+25
1 EA **635-2-13**

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
145 LF **630-2-11**

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
420 LF **630-2-11**

MATCHLINE STA. - 311+80.00

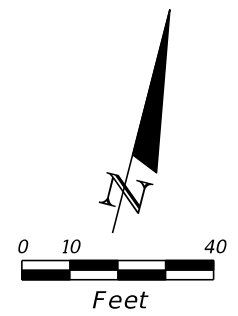
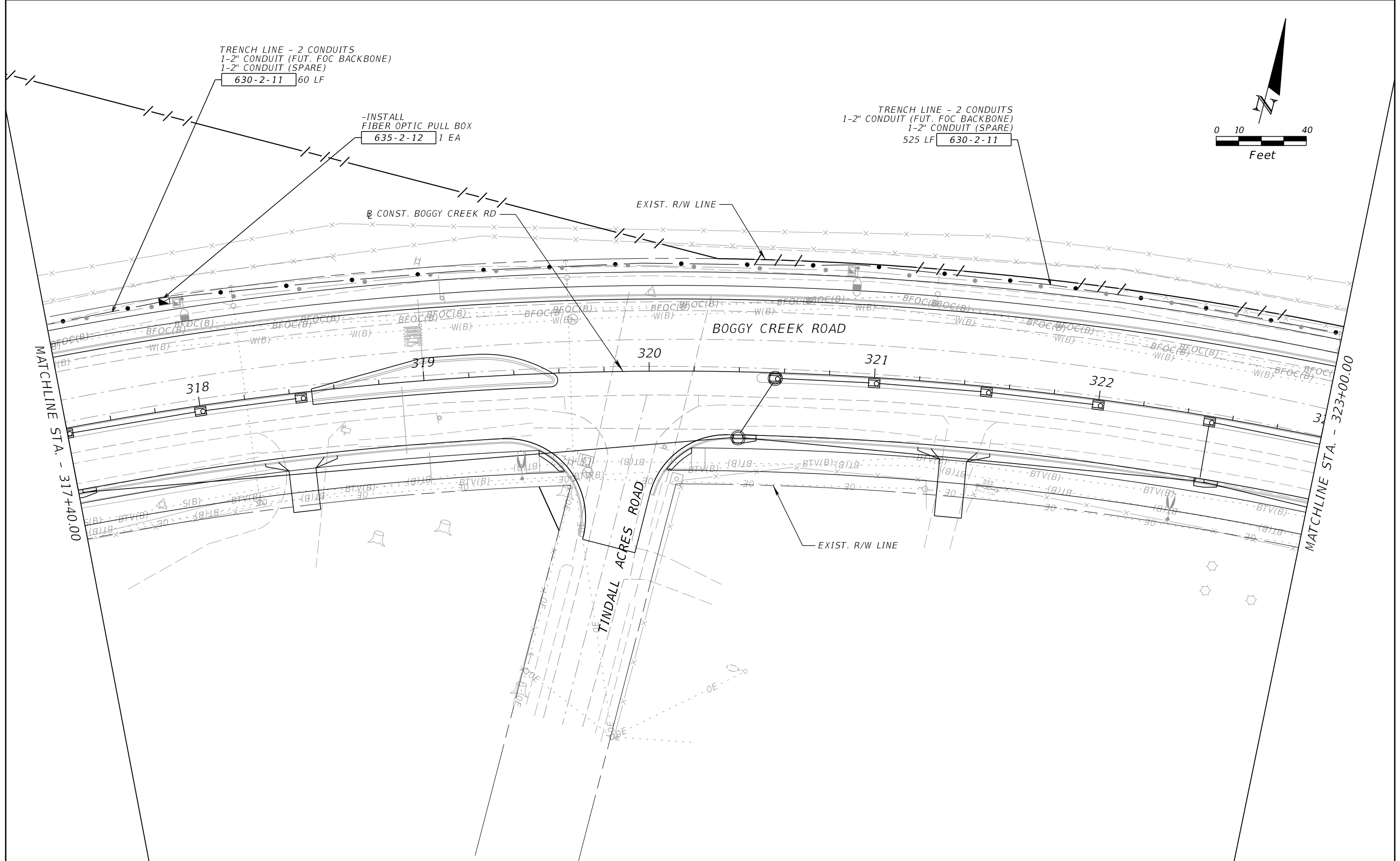
MATCHLINE STA. - 317+40.00



RENAISSANCE CHARTER SCHOOL

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-51
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
				530	OSCEOLA	PS2011479-DG			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

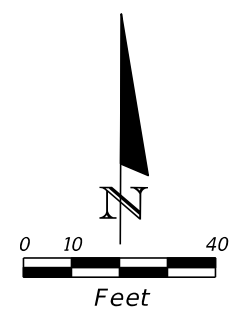
JARED KNIGHT, P.E.
P.E. LICENSE NUMBER 74758
VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-52

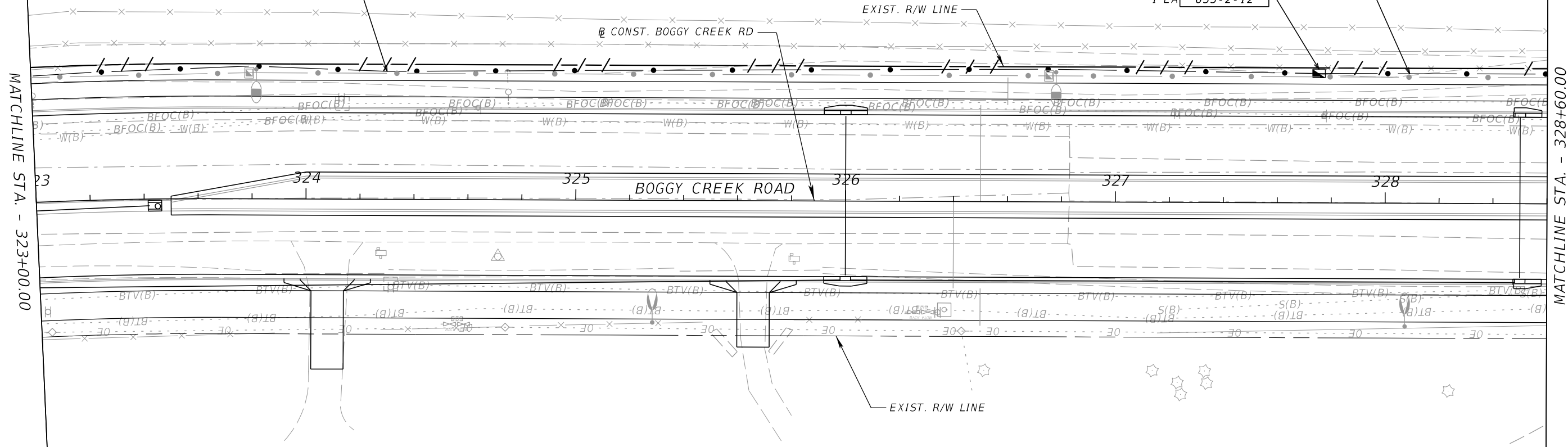
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 480 LF 630-2-11

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 85 LF 630-2-11

-INSTALL
 FIBER OPTIC PULL BOX
 1 EA 635-2-12



MATCHLINE STA. - 323+00.00

MATCHLINE STA. - 328+60.00

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-53
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
				530	OSCEOLA	PS2011479-DG			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. - 328+60.00

MATCHLINE STA. - 334+20.00

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
630-2-11 40 LF

-INSTALL FIBER OPTIC PULL BOX
635-2-12 1 EA

DIRECTIONAL BORE - 3 CONDUITS
1-1" CONDUIT (TRACER WIRE)
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
630-2-12 35 LF

-INSTALL FIBER OPTIC PULL BOX
635-2-12 1 EA

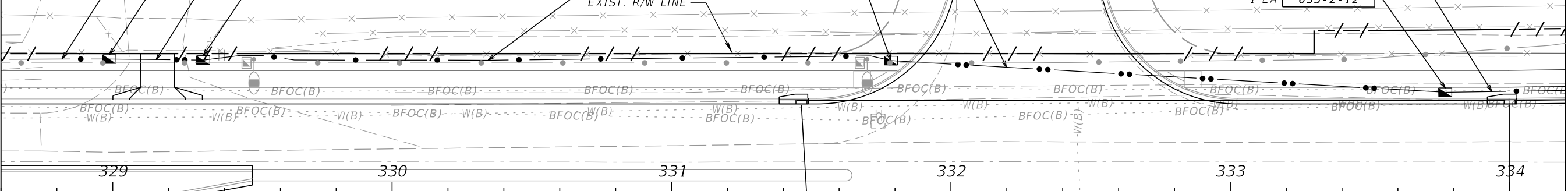
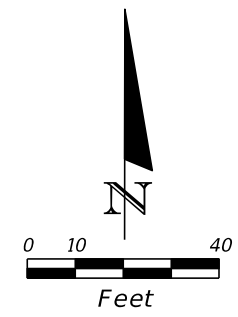
DIRECTIONAL BORE - 3 CONDUITS
1-1" CONDUIT (TRACER WIRE)
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
200 LF 630-2-12

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
630-2-11 245 LF

-INSTALL FIBER OPTIC PULL BOX
1 EA 635-2-12

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
45 LF 630-2-11

-INSTALL FIBER OPTIC PULL BOX
1 EA 635-2-12



BOGGY CREEK ROAD

CONST. BOGGY CREEK RD

OSPREY LANE

GROUSE AVE.

EXIST. R/W LINE

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

JARED KNIGHT, P.E.
P.E. LICENSE NUMBER 74758
VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

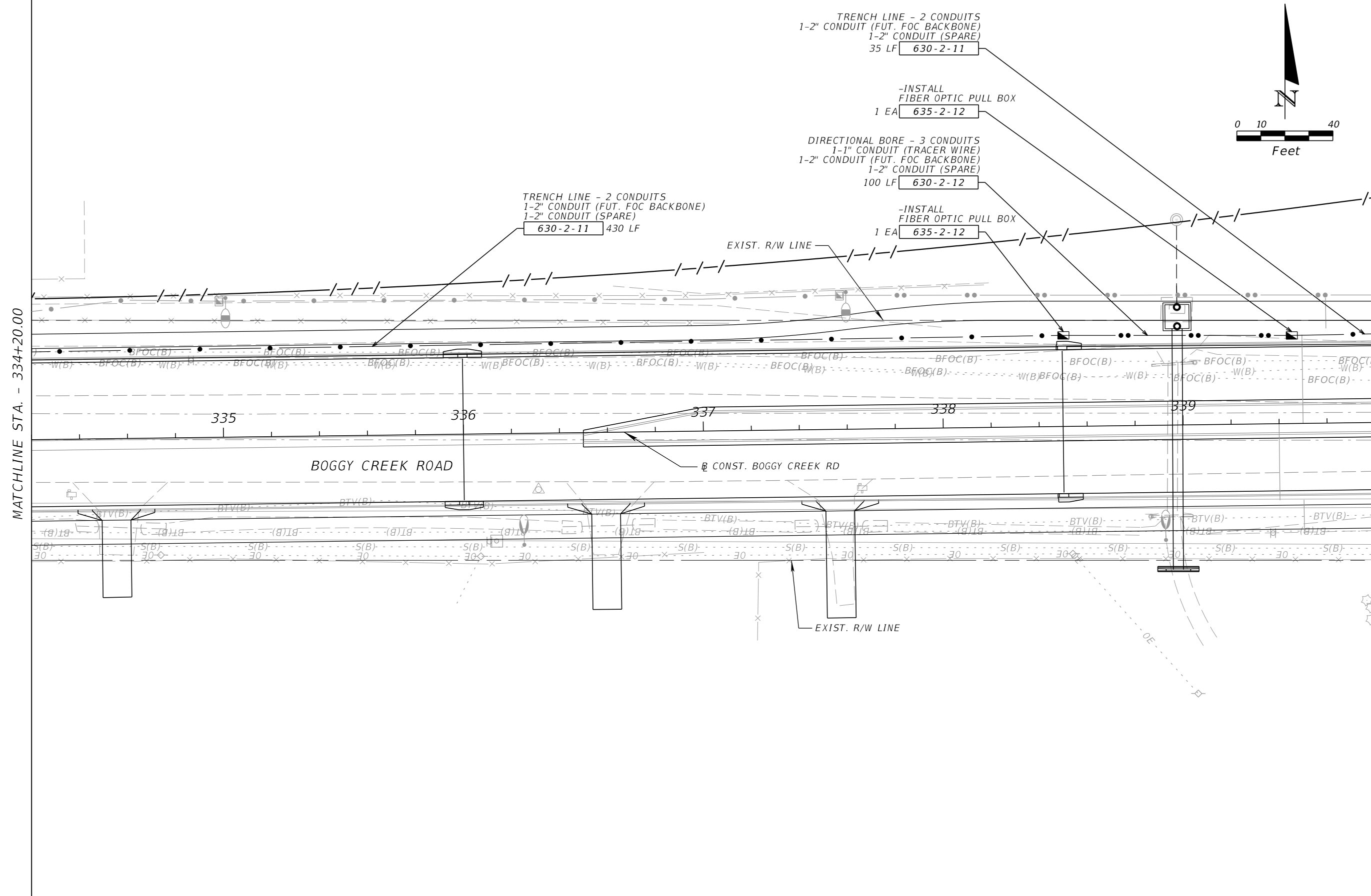
ITS PLAN SHEET

SHEET NO.
IT-54

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. - 334+20.00

MATCHLINE STA. - 339+80.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

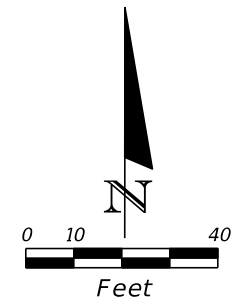
JARED KNIGHT, P.E.
P.E. LICENSE NUMBER 74758
VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

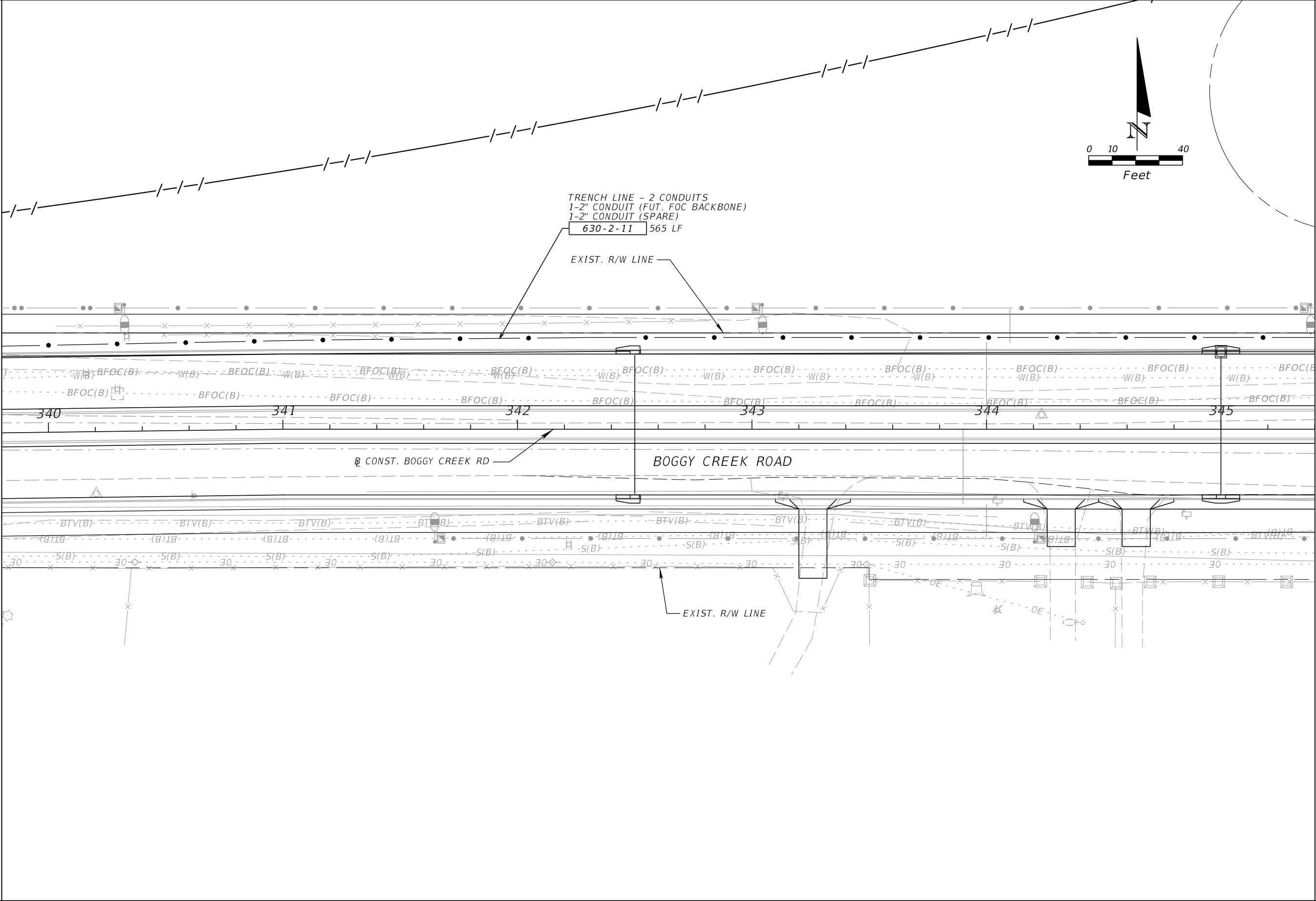
SHEET NO.
IT-55

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 339+80.00

MATCHLINE STA. - 345+40.00

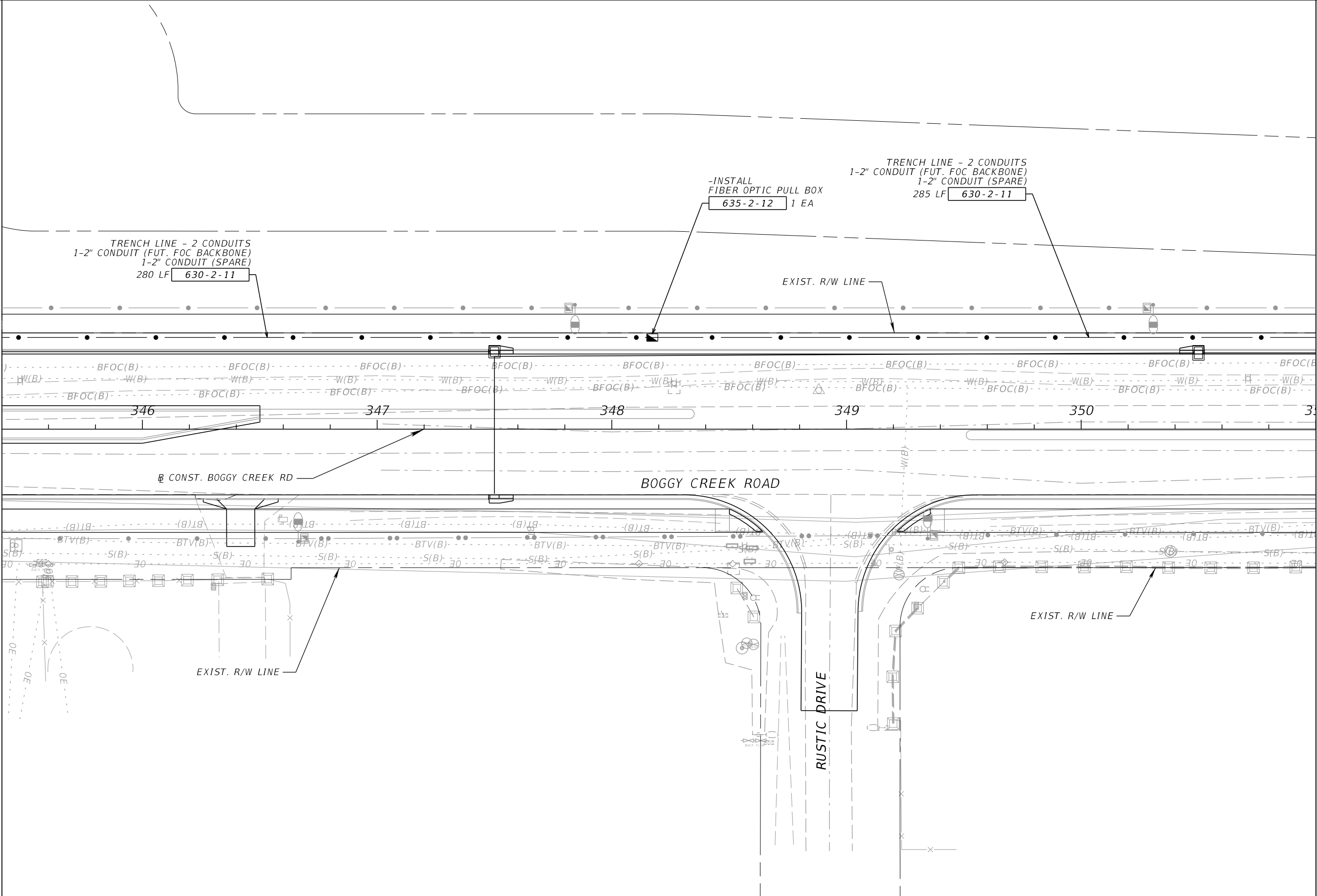


REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		IT-56
					530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. - 345+40.00

MATCHLINE STA. - 351+00.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

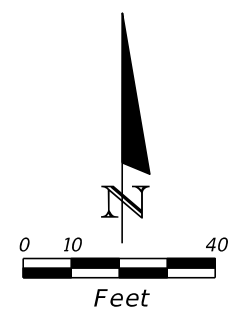
JARED KNIGHT, P.E.
P.E. LICENSE NUMBER 74758
VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

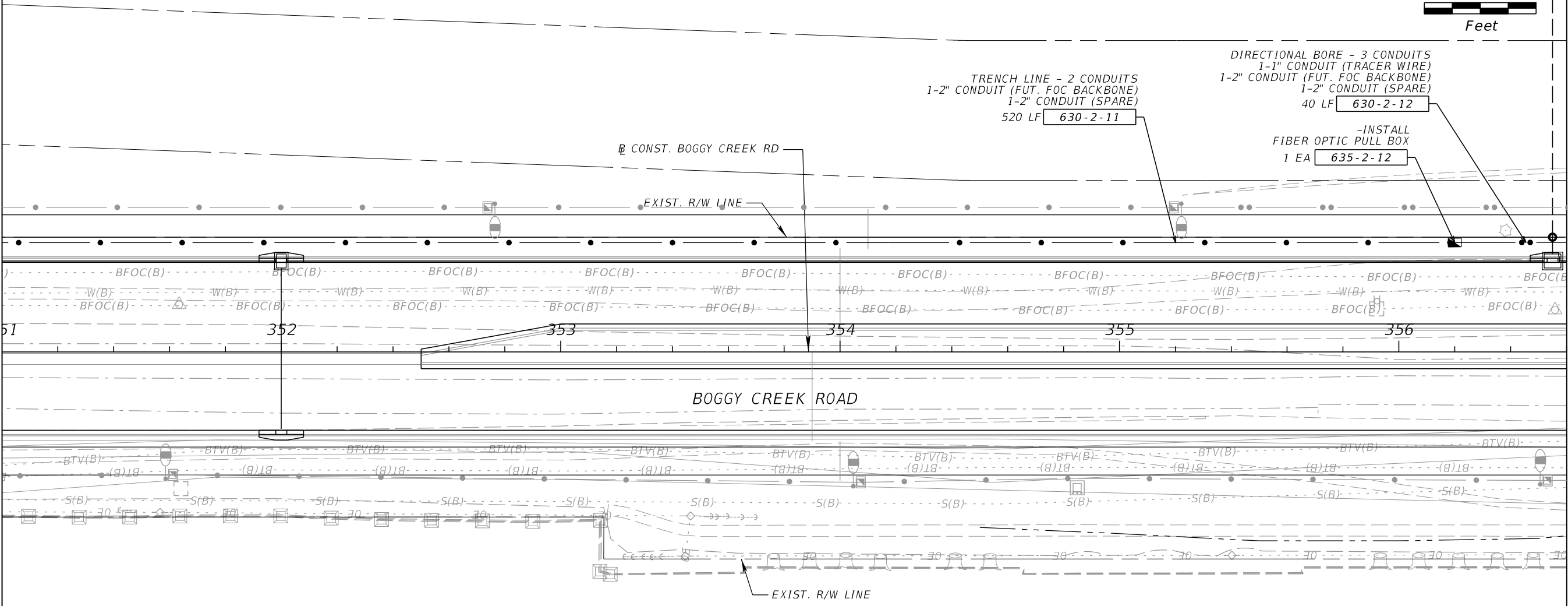
SHEET NO.
IT-57

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



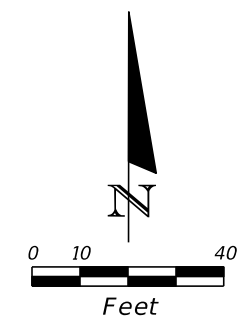
MATCHLINE STA. - 351+00.00

MATCHLINE STA. - 356+60.00



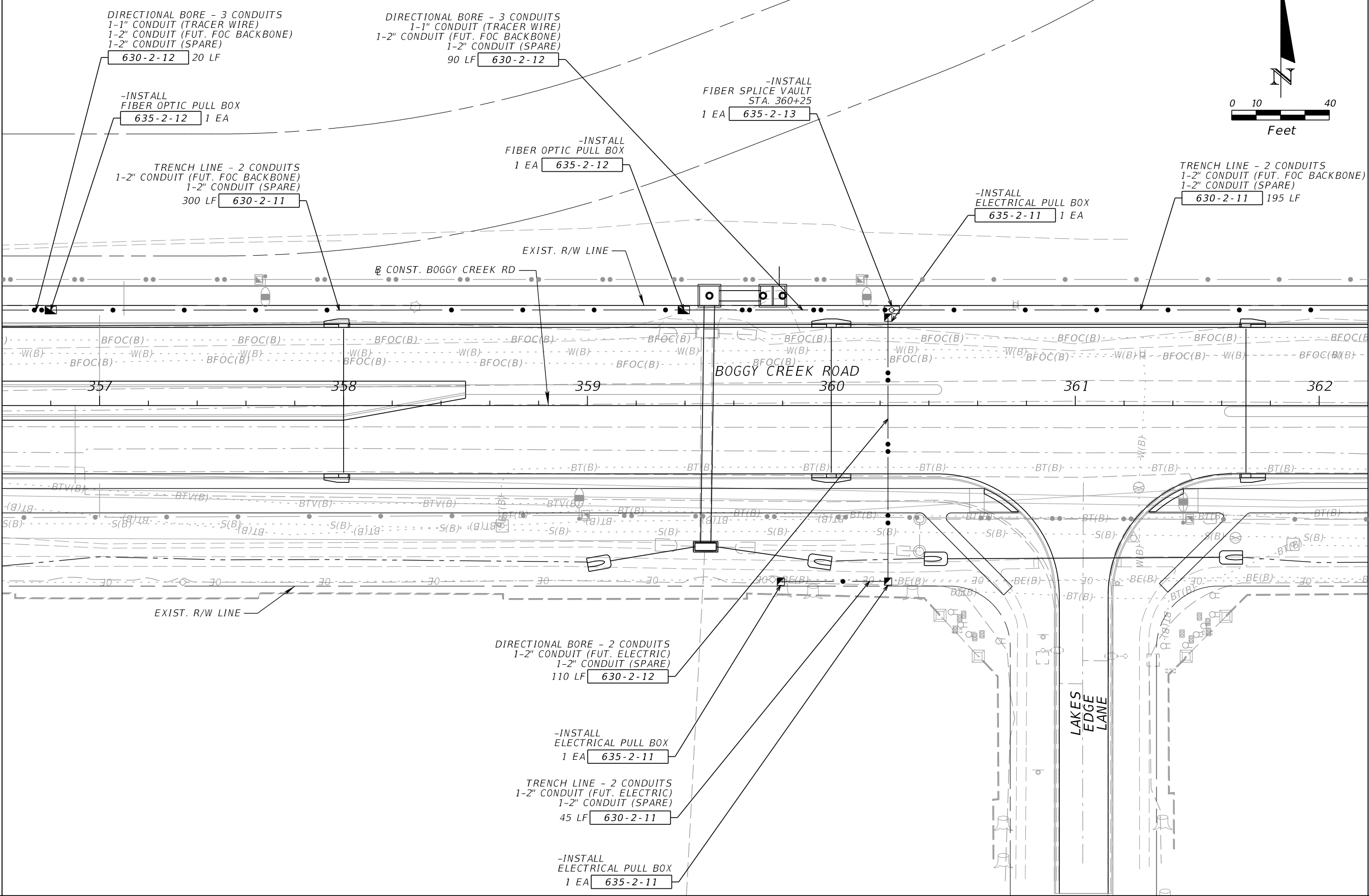
REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-58
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 356+60.00

MATCHLINE STA. - 362+20.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

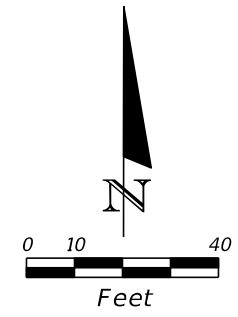
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-59

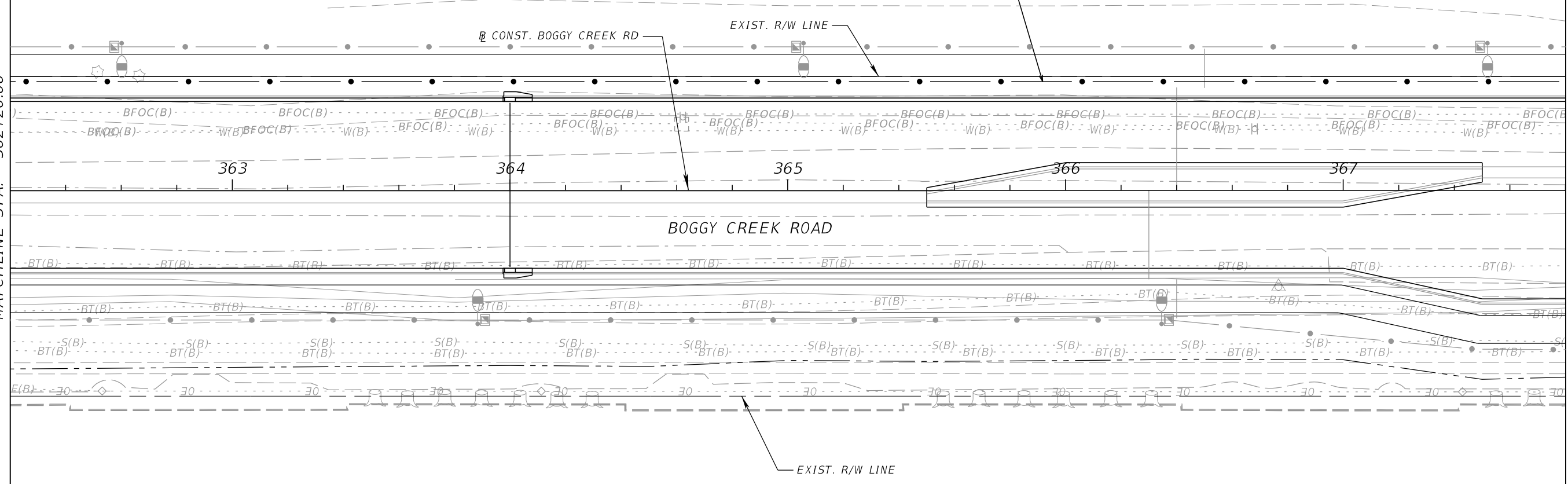
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 560 LF 630-2-11

MATCHLINE STA. - 362+20.00

MATCHLINE STA. - 367+80.00



REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-60
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

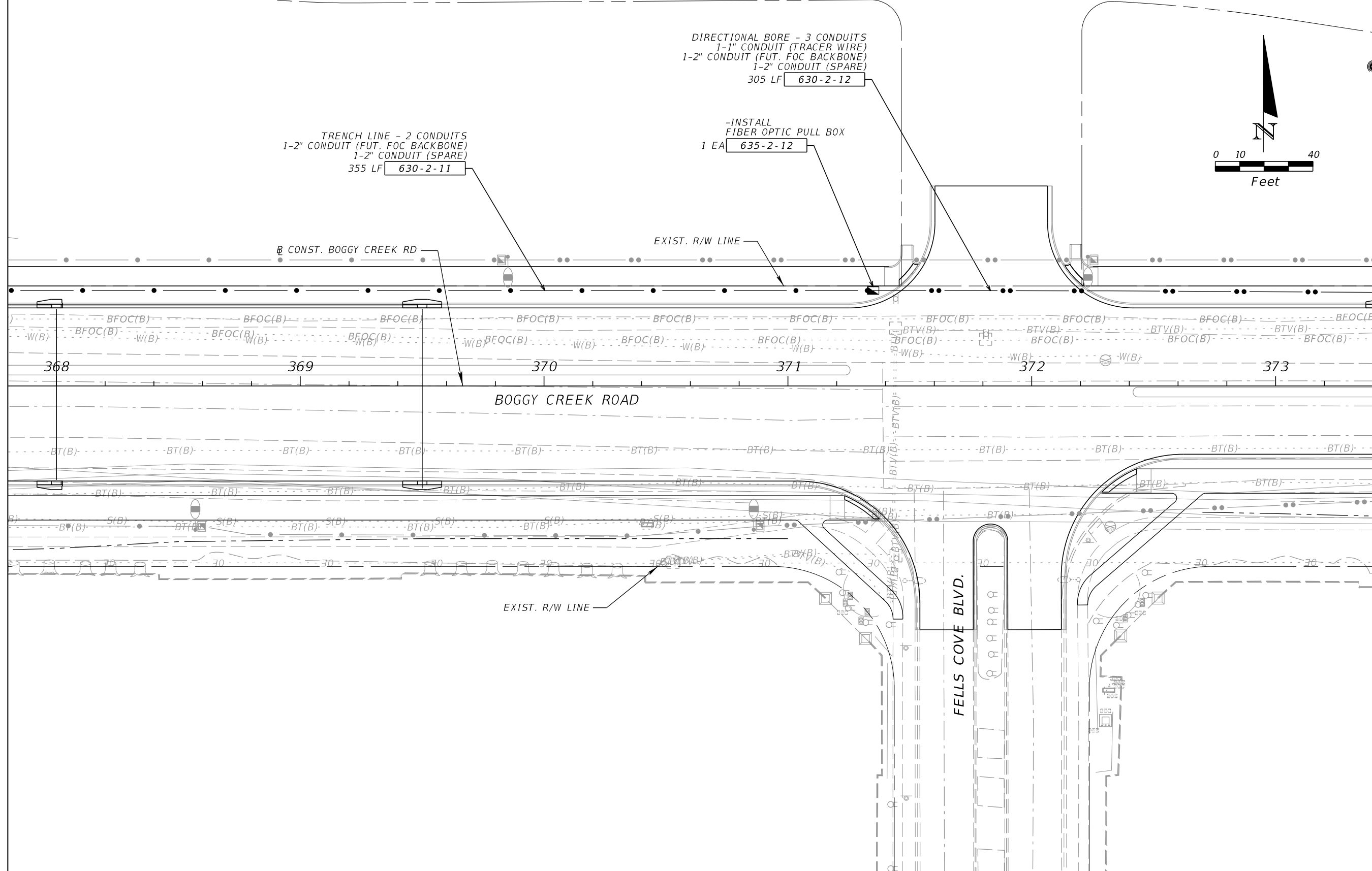
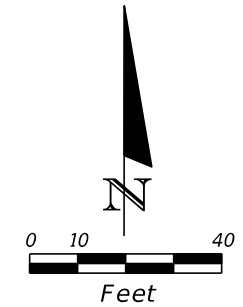
MATCHLINE STA. - 367+80.00

MATCHLINE STA. - 373+40.00

DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 305 LF 630-2-12

TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 355 LF 630-2-11

-INSTALL
 FIBER OPTIC PULL BOX
 1 EA 635-2-12



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

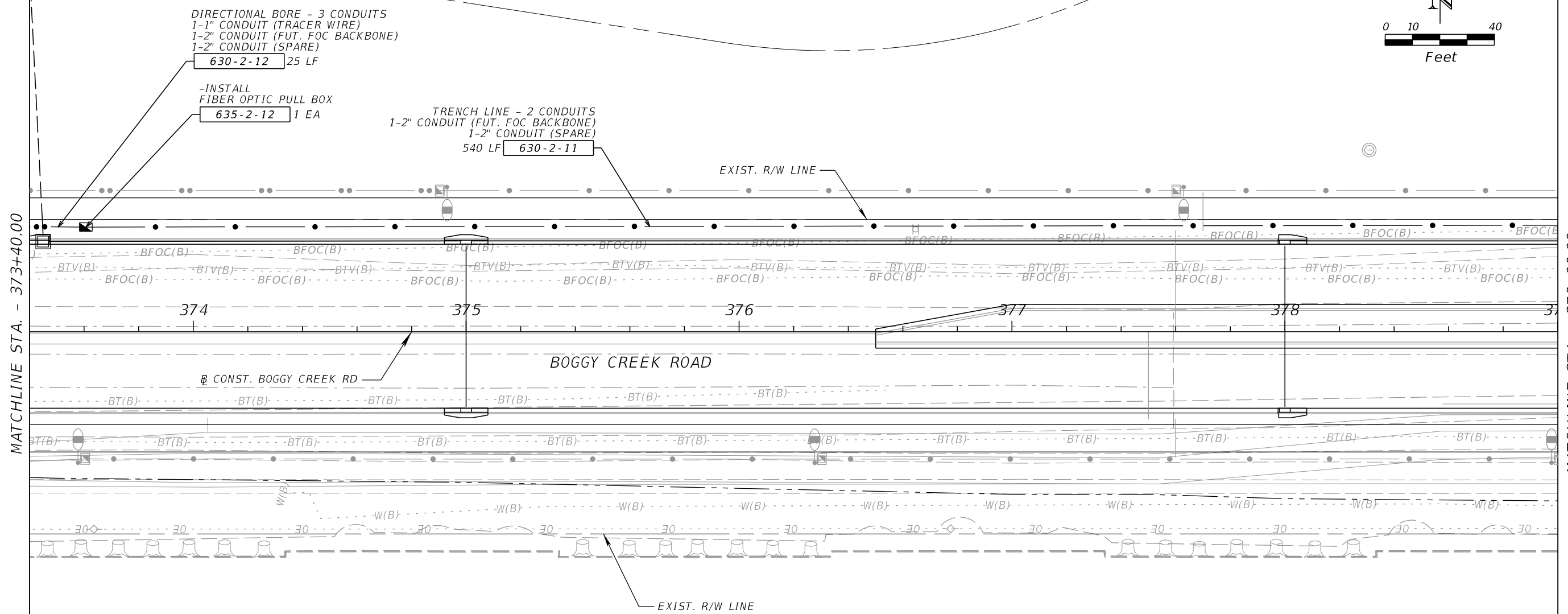
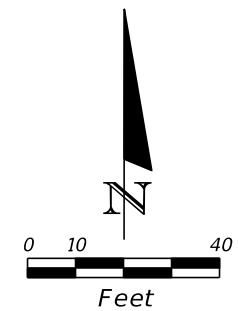
JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-61

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

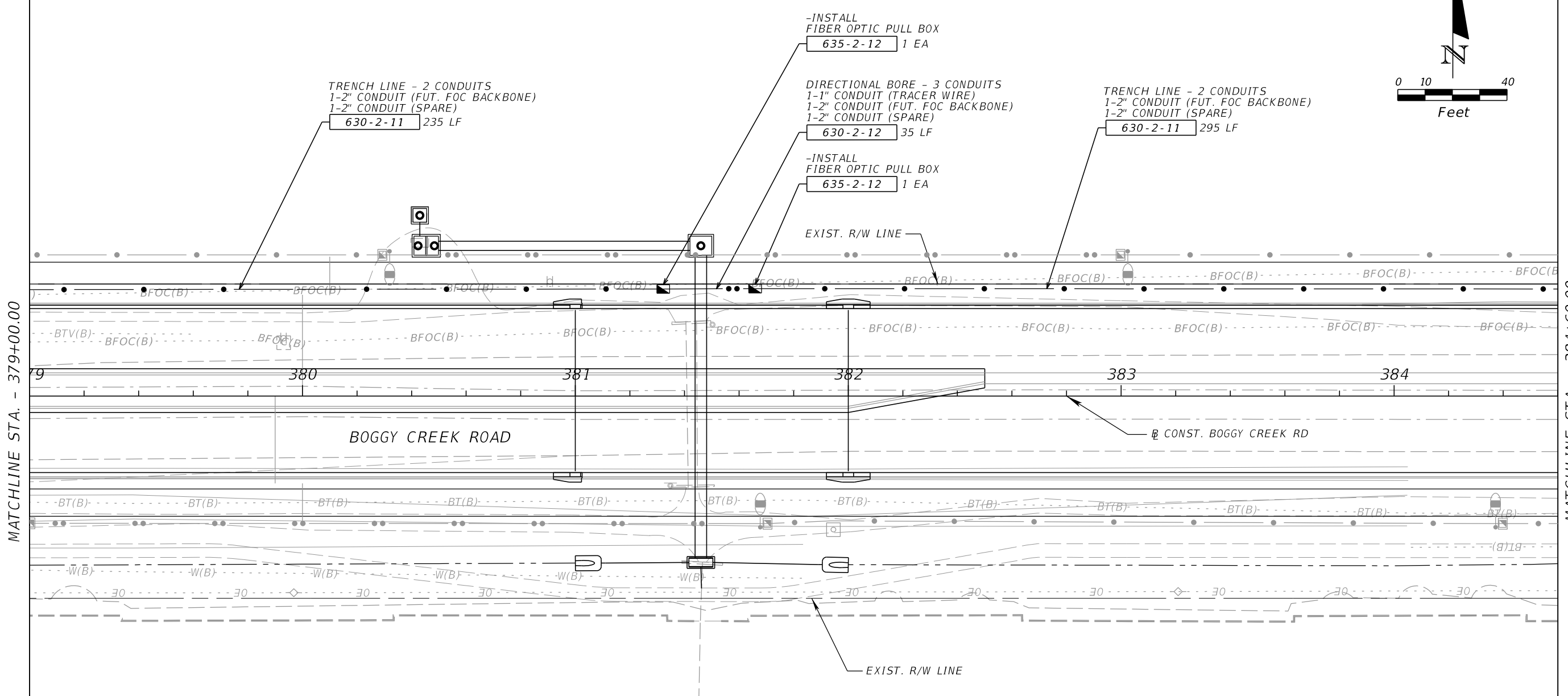
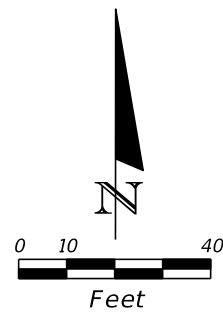


MATCHLINE STA. - 373+40.00

MATCHLINE STA. - 379+00.00

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-62
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
				530	OSCEOLA	PS2011479-DG			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 379+00.00

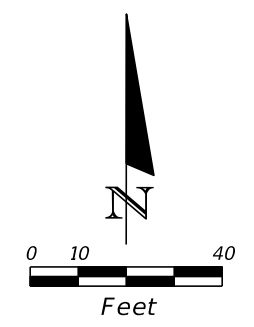
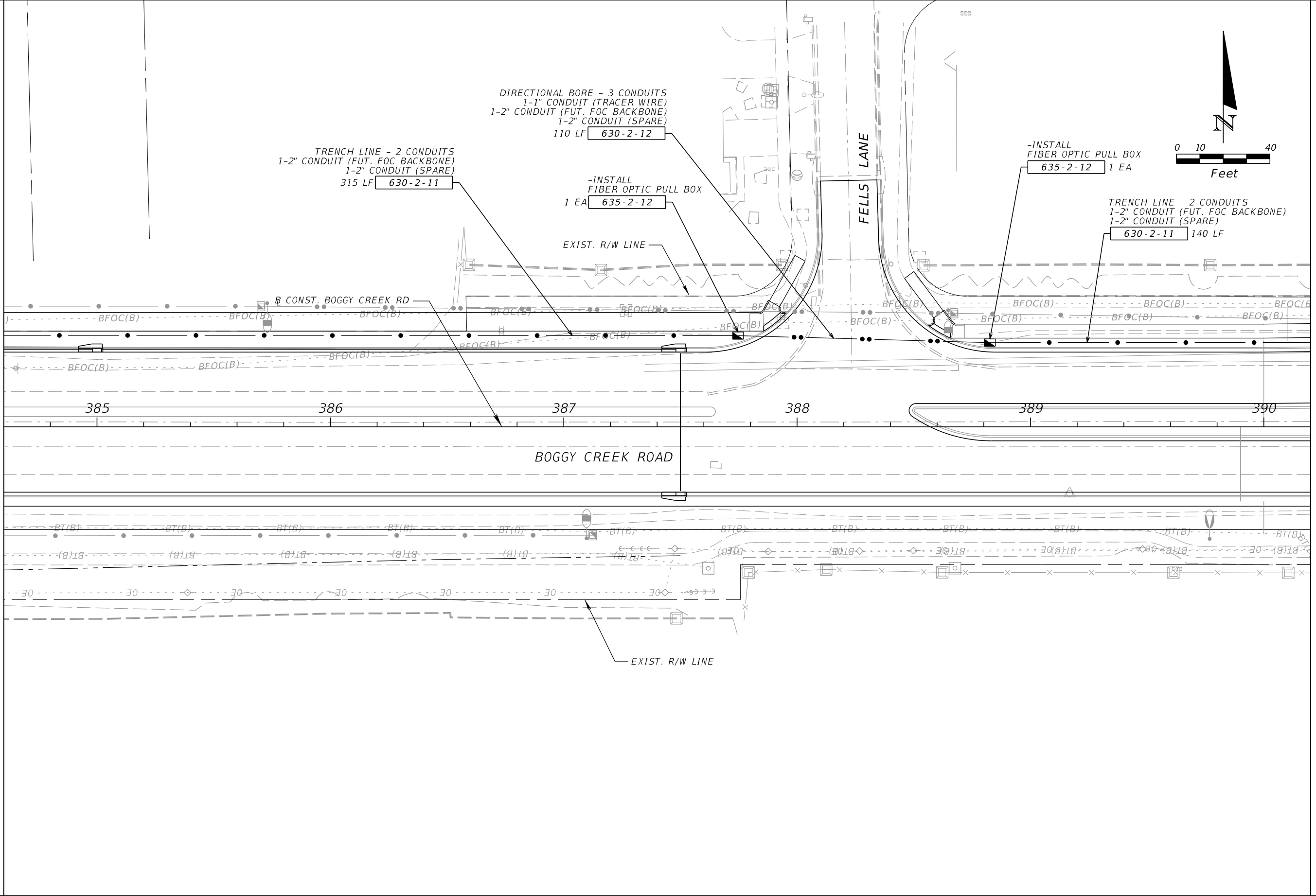
MATCHLINE STA. - 384+60.00

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-63
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
				530	OSCEOLA	PS2011479-DG			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

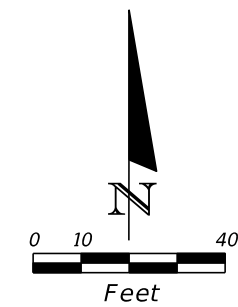
MATCHLINE STA. - 384+60.00

MATCHLINE STA. - 390+20.00

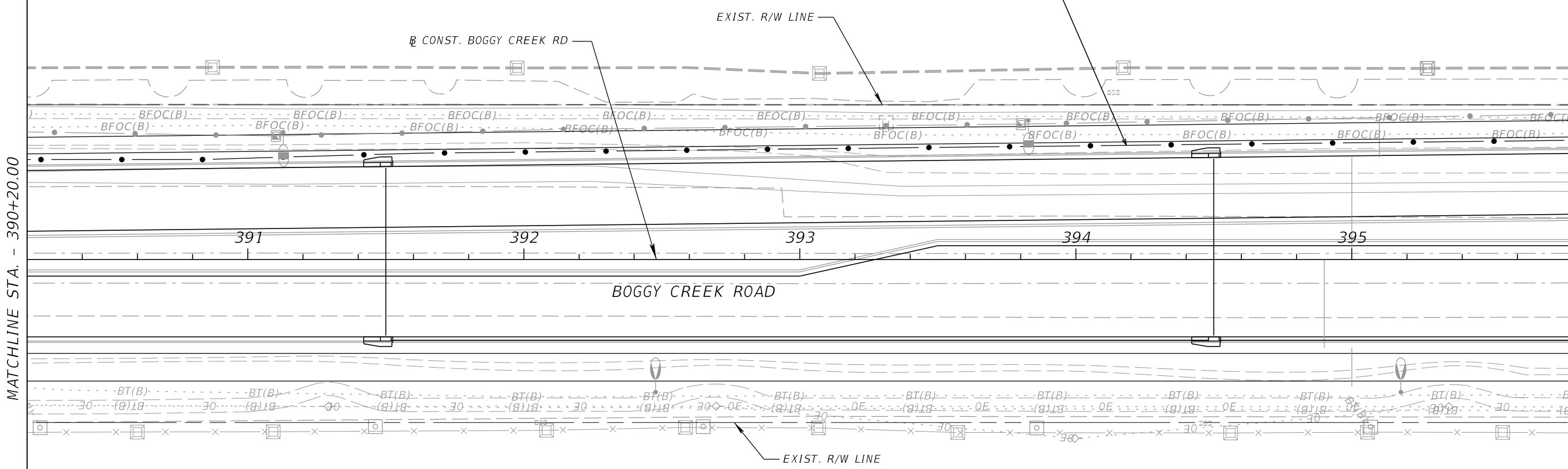


REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-64
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
				530	OSCEOLA	PS2011479-DG			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 560 LF 630-2-11

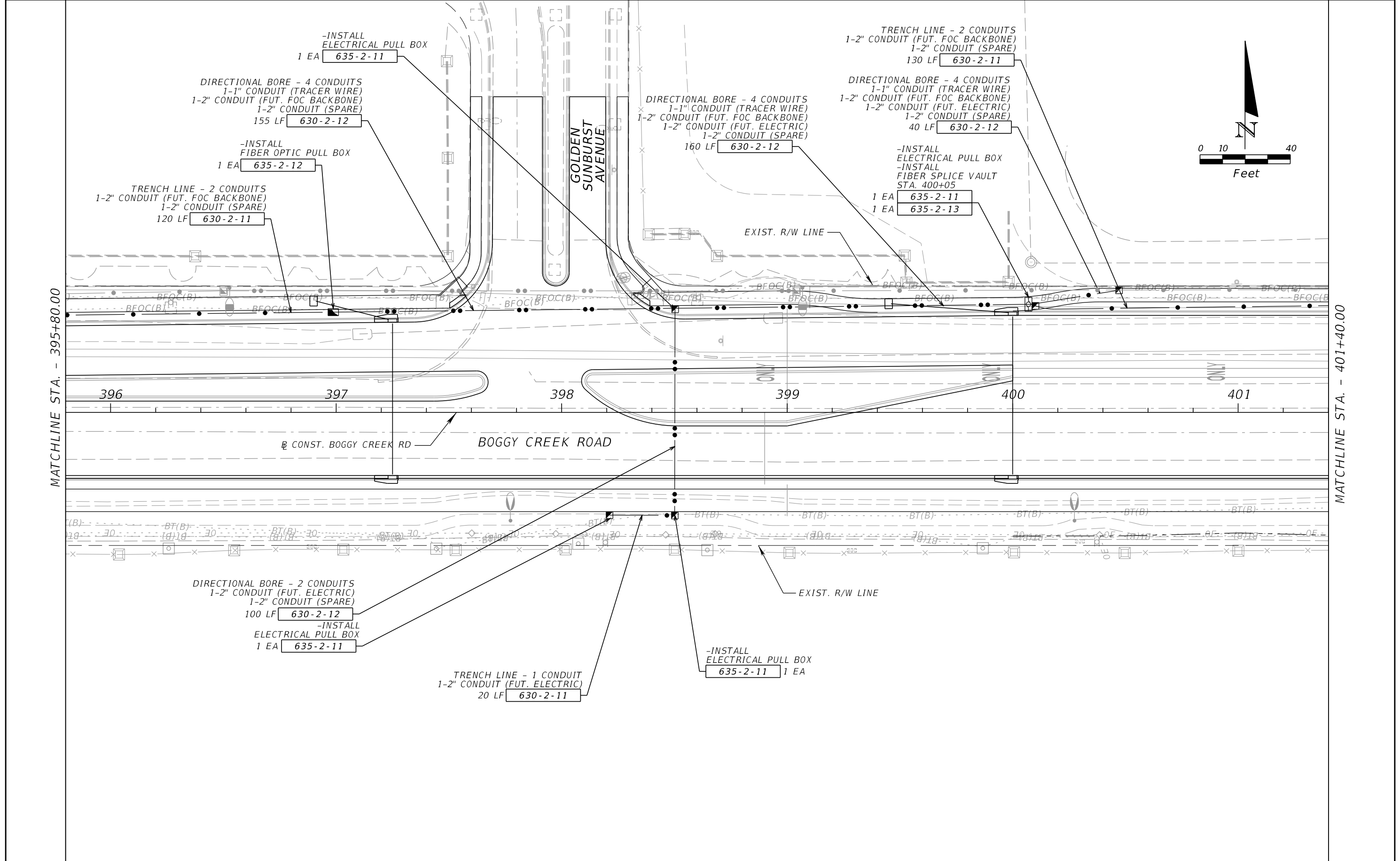


MATCHLINE STA. - 390+20.00

MATCHLINE STA. - 395+80.00

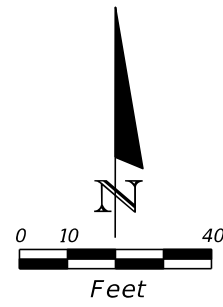
REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET	SHEET NO. IT-65
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 395+80.00

MATCHLINE STA. - 401+40.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

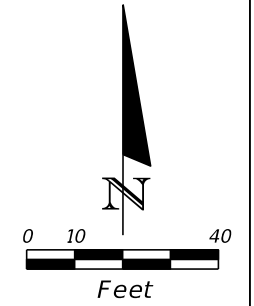
JARED KNIGHT, P.E.
P.E. LICENSE NUMBER 74758
VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

ITS PLAN SHEET

SHEET NO.
IT-66

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



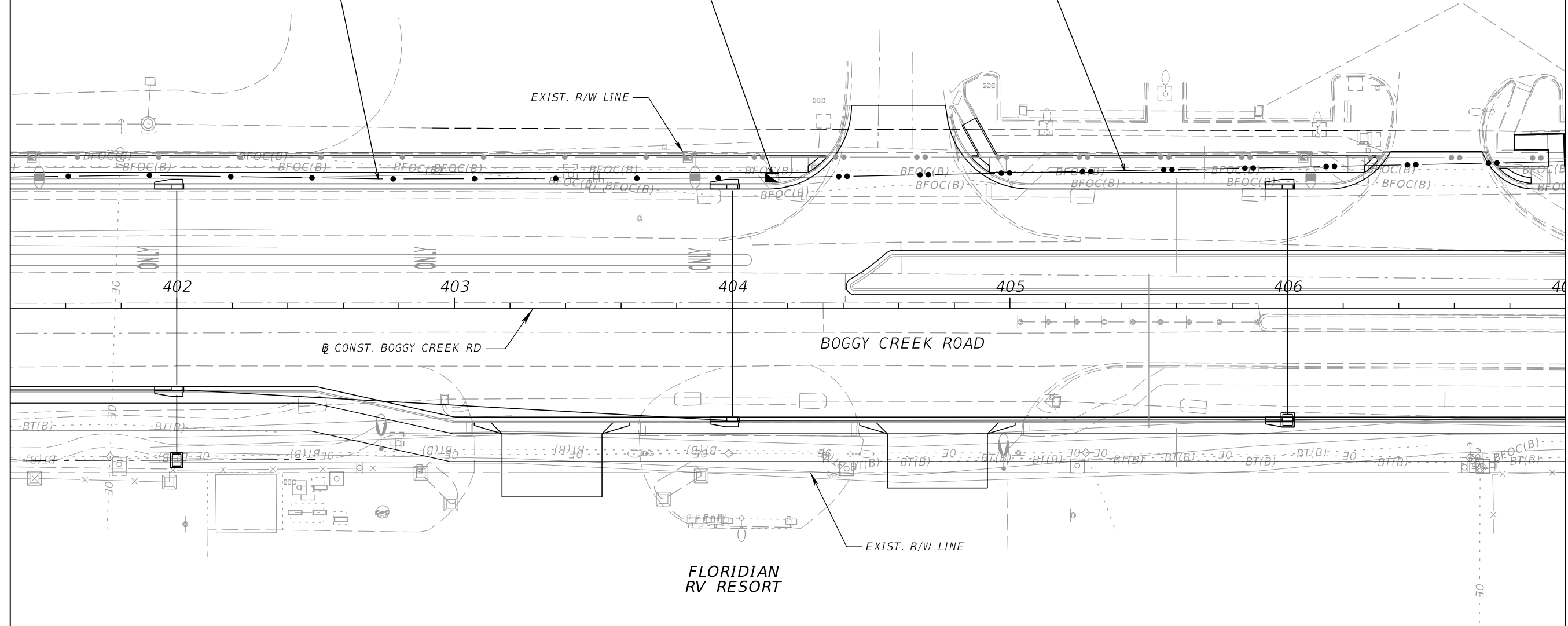
TRENCH LINE - 2 CONDUITS
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 275 LF 630-2-11

-INSTALL FIBER OPTIC PULL BOX
 1 EA 635-2-12

DIRECTIONAL BORE - 3 CONDUITS
 1-1" CONDUIT (TRACER WIRE)
 1-2" CONDUIT (FUT. FOC BACKBONE)
 1-2" CONDUIT (SPARE)
 290 LF 630-2-12

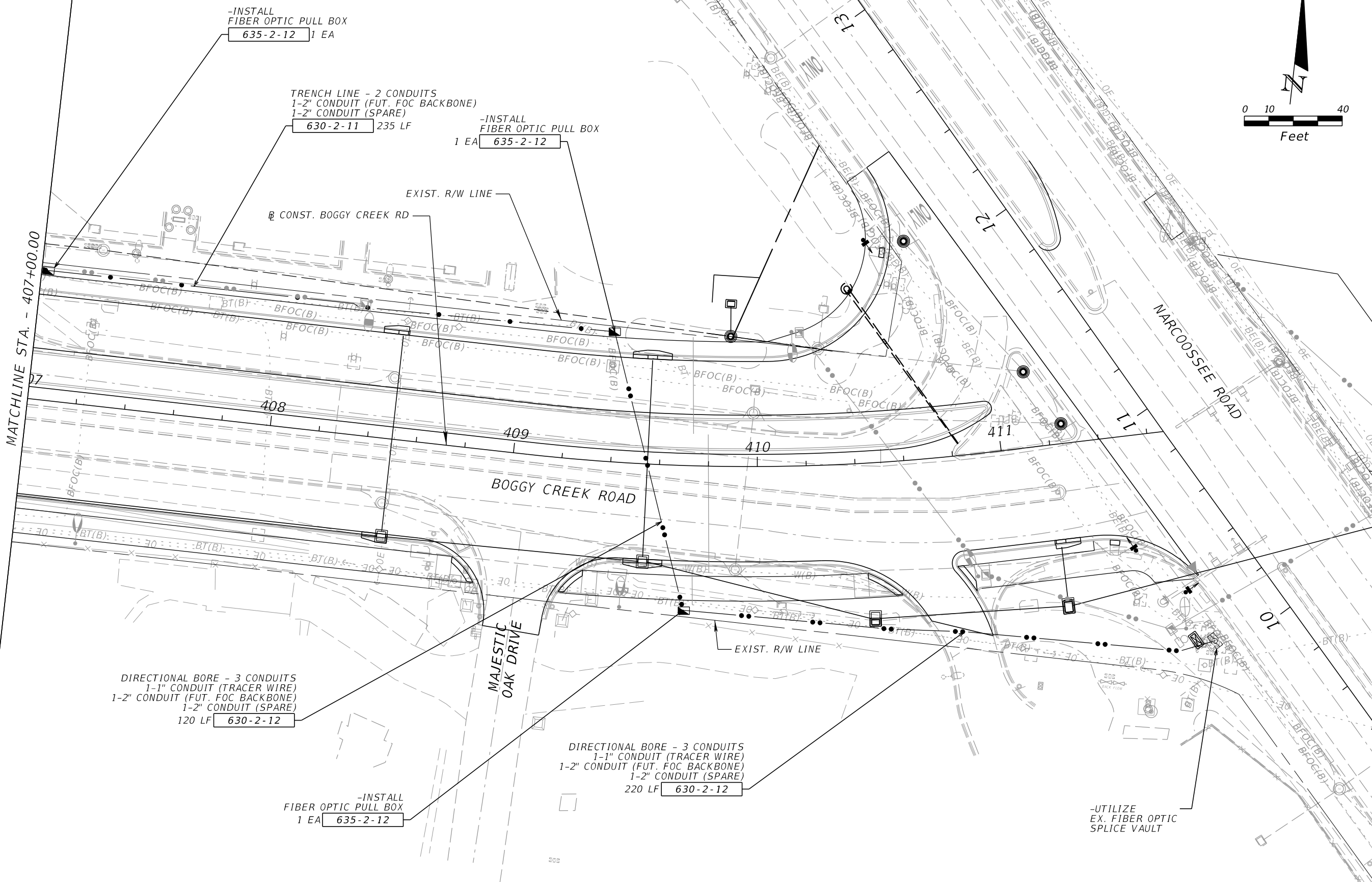
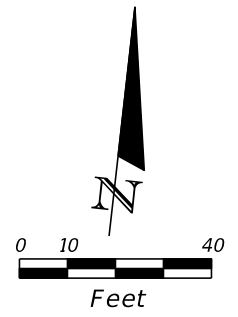
MATCHLINE STA. - 401+40.00

MATCHLINE STA. - 407+00.00



REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ITS PLAN SHEET SHEET NO. IT-67
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.	
					530	OSCEOLA	PS2011479-DG	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 407+00.00

-INSTALL
FIBER OPTIC PULL BOX
635-2-12 1 EA

TRENCH LINE - 2 CONDUITS
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
630-2-11 235 LF

-INSTALL
FIBER OPTIC PULL BOX
635-2-12 1 EA

CONST. BOGGY CREEK RD

EXIST. R/W LINE

408

409

410

411

BOGGY CREEK ROAD

NARCOOSSE ROAD

MAJESTIC
OAK DRIVE

EXIST. R/W LINE

DIRECTIONAL BORE - 3 CONDUITS
1-1" CONDUIT (TRACER WIRE)
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
120 LF 630-2-12

DIRECTIONAL BORE - 3 CONDUITS
1-1" CONDUIT (TRACER WIRE)
1-2" CONDUIT (FUT. FOC BACKBONE)
1-2" CONDUIT (SPARE)
220 LF 630-2-12

-INSTALL
FIBER OPTIC PULL BOX
635-2-12 1 EA

-UTILIZE
EX. FIBER OPTIC
SPLICE VAULT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JARED KNIGHT, P.E.
P.E. LICENSE NUMBER 74758
VANASSE HANGEN BRUSTLIN, INC.
225 E. ROBINSON STREET, SUITE 300
LANDMARK CENTER TWO
ORLANDO, FL 32801

OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

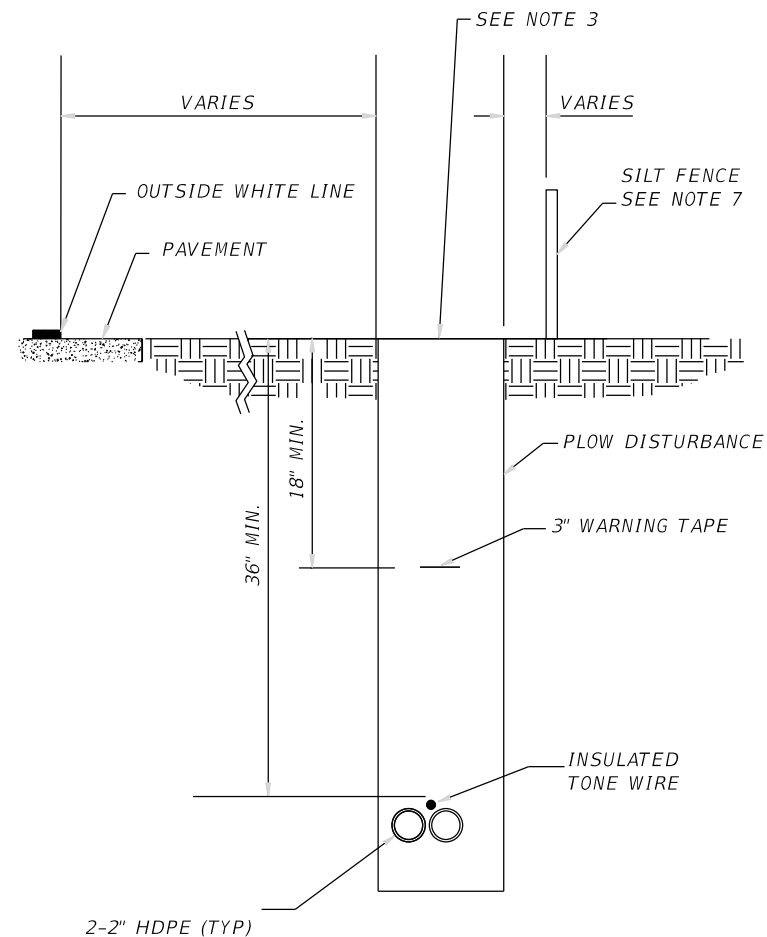
ITS PLAN SHEET

SHEET NO.
IT-68

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

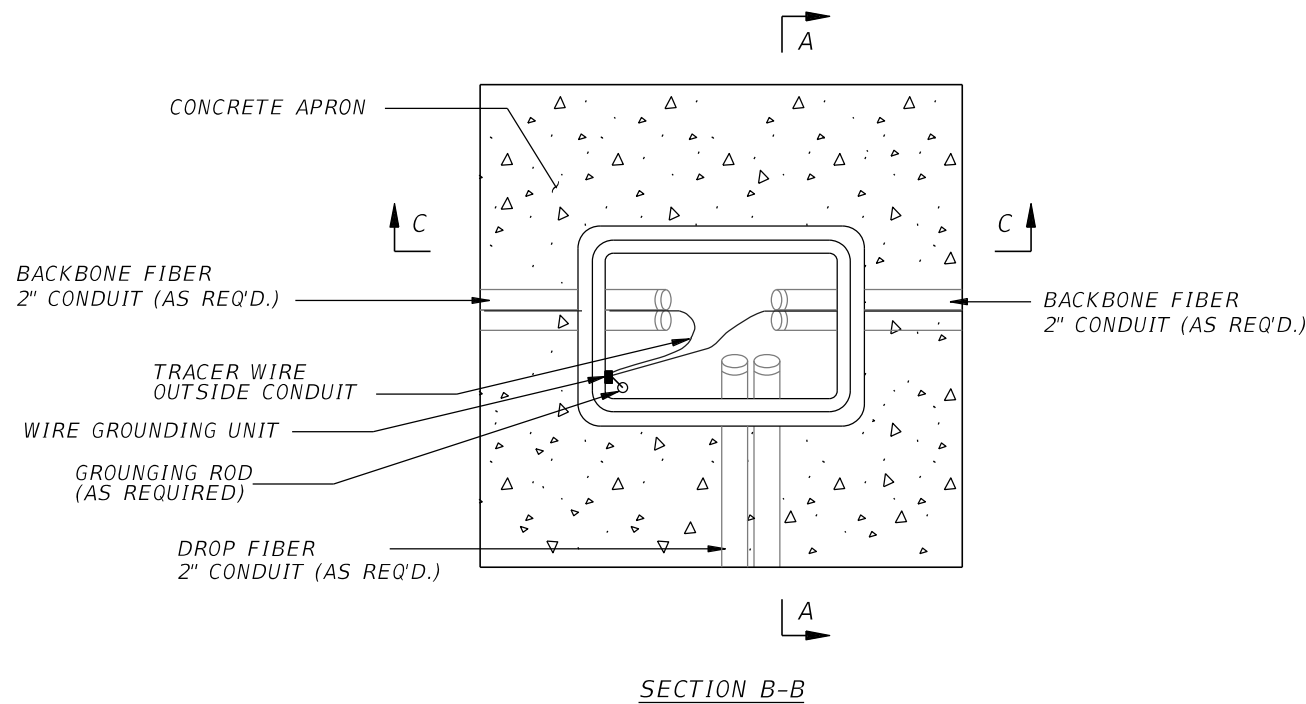
NOTES:

1. TRAFFIC CONTROL FOR LONGITUDINAL INSTALLATION SHALL BE IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD PLANS.
2. A MINIMUM OF 2'- 0" SHALL BE MAINTAINED FROM EXISTING LANDSCAPE FEATURES.
3. CONSTRUCTION CORRIDOR SHALL BE RESTORED TO ORIGINAL OR IMPROVED CONDITION IMMEDIATELY AFTER COMPLETING THE INSTALLATION OF THE CONDUIT.
4. JOINT COUPLINGS WILL BE USED AS NECESSARY.
5. CONDUIT PATH WILL BE ROUTED TO AVOID ANY OBSTRUCTIONS SHOULD OBSTRUCTIONS BE ENCOUNTERED, THE FOLLOWING HIERARCHY WILL BE ADHERED TO:
 - A. ROUTE CONDUIT AROUND OBSTRUCTION USING SWEEPING BENDS.
 - B. IF A CANNOT BE ACCOMPLISHED, CONDUIT ROUTING WILL BE MADE UNDER THE OBSTRUCTION.
 - C. IF A OR B CANNOT BE ACCOMPLISHED, THEN CONDUIT CAN BE INSTALLED PER FDOT CONDUIT INSTALLATION DETAILS INDEX 630-001 SHEET 4.
6. ALL CONCRETE SHALL BE FDOT APPROVED CLASS 1.
7. USE SILT FENCE AS SHOWN IN THE PLANS WHERE WETLANDS ARE PRESENT.



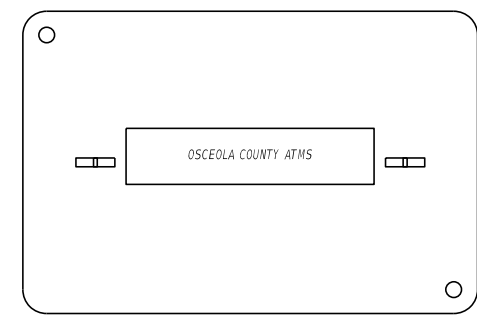
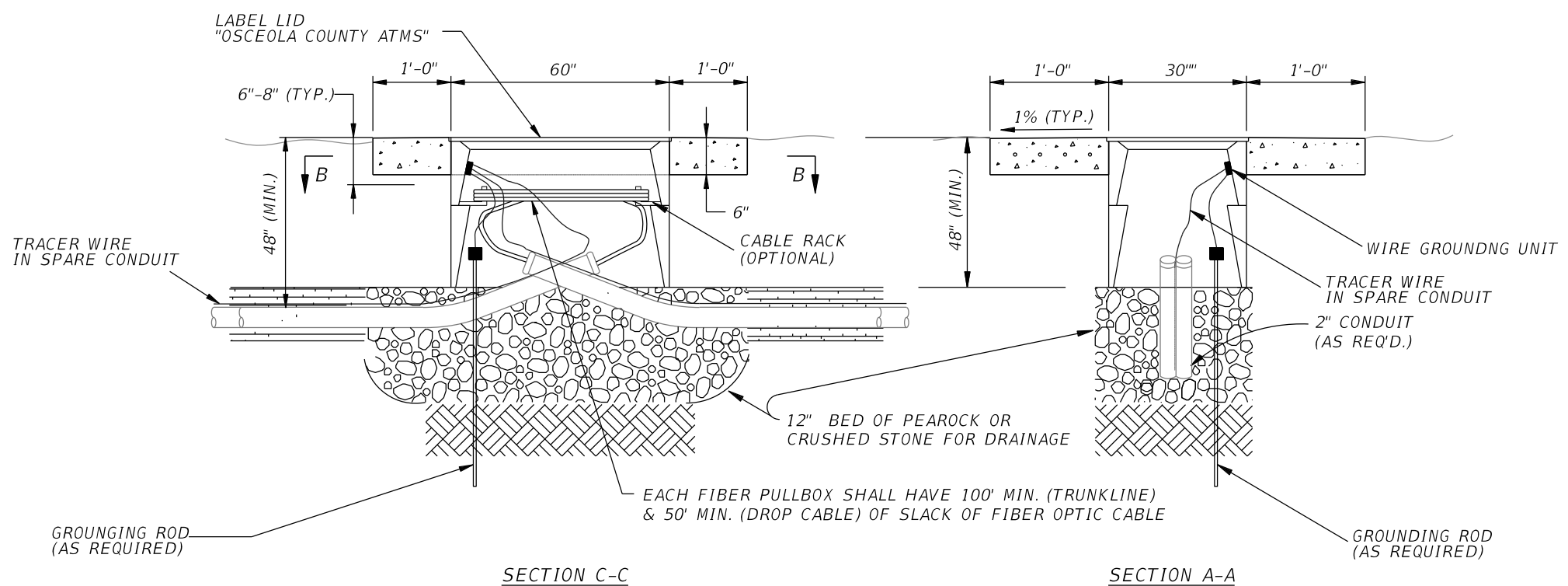
STANDARD CROSS SECTION OF PLOWED CONDUIT
N.T.S.

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			TRENCHING AND PLOWING DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
						530	OSCEOLA		PS2011479-DG



NOTES:

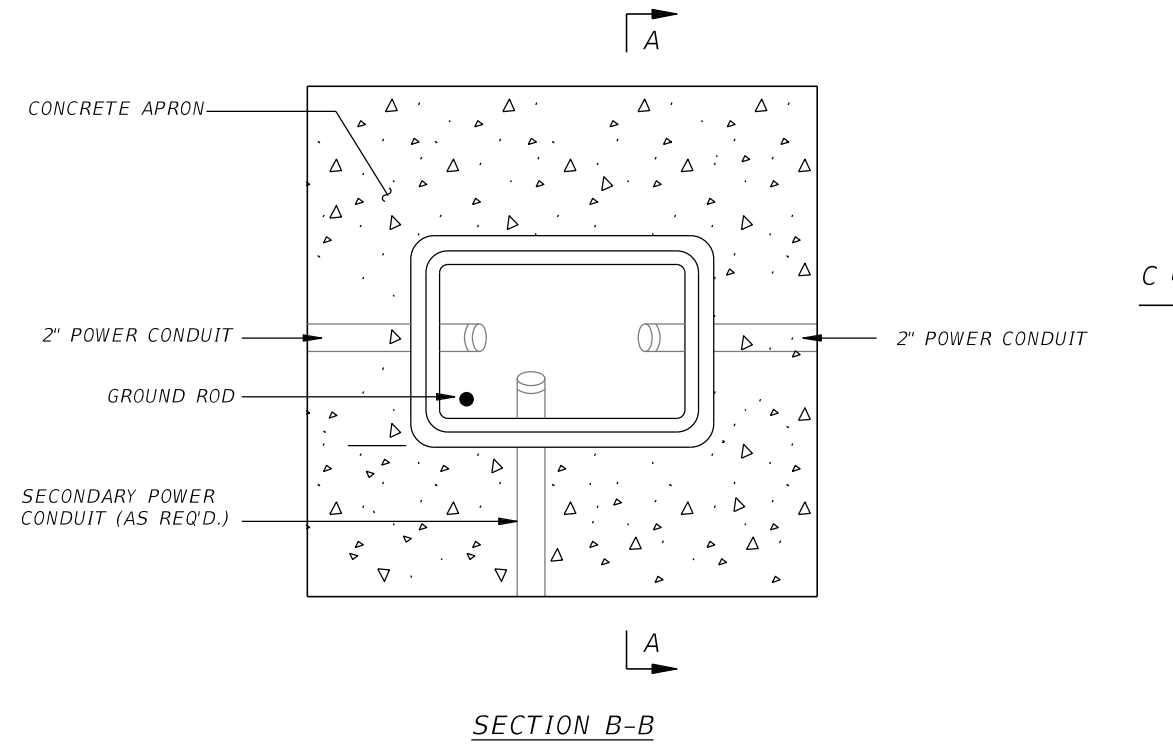
1. REFER TO FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2020-21 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION FOR PULL BOX REQUIREMENTS.
2. FIBER OPTIC PULL BOXES SHALL NOT CONTAIN ELECTRICAL CONDUIT OR CONDUCTOR. ELECTRICAL CONDUIT AND CONDUCTORS SHALL BE INSTALLED IN SEPARATE PULL BOXES.
3. CONDUIT C/L SHALL BE ALIGNED TO TOP EDGE OF PULL BOX TO FACILITATE CABLE PULLING.
4. ALL PULL BOXES SHALL HAVE MINIMUM 1'-0" WIDE x 6" DEEP CONCRETE APRONS SLOPED AWAY FROM PULL BOX. THE COST OF APRON IS TO BE INCLUDED IN THE COST OF EACH PULL BOX.
5. WIRE GROUNDING UNITS (WGU) FOR TRACER WIRE REQUIRED IN FIBER SPLICE VAULTS.
6. FIBER OPTIC SPLICE BOX SHALL NOT BE INSTALLED IN ROADWAYS OR DRIVEWAYS.
7. FIBER OPTIC SPLICE BOX LENGTH (LONG SIDE) SHALL BE PARALLEL TO THE CONDUIT RUN. WHEN THE CONDUIT RUN IS PERPENDICULAR AT THE JUNCTION POINT, THE SPLICE BOX SHALL BE PARALLEL TO THE ROADWAY.
8. SPARE FIBER OPTIC CABLE IS TO BE WOUND NEATLY AND CAREFULLY, AS NOT TO EXCEED THE MINIMUM ALLOWABLE BENDING RADIUS OF THE FIBER OPTIC CABLE.
9. 5/8" COPPER BONDED GROUND RODS SHALL BE USED (AS REQUIRED).
10. GROUNDING WIRES SHALL BE EXOTHERMICALLY WELDED TO GROUND RODS (AS REQUIRED).
11. NOTE THAT THE DIMENSIONS SHOWN ARE THE TYPICAL DIMENSIONS AND MANY VARY SLIGHTLY DEPENDING ON THE MANUFACTURER.



SPLICE BOX COVER

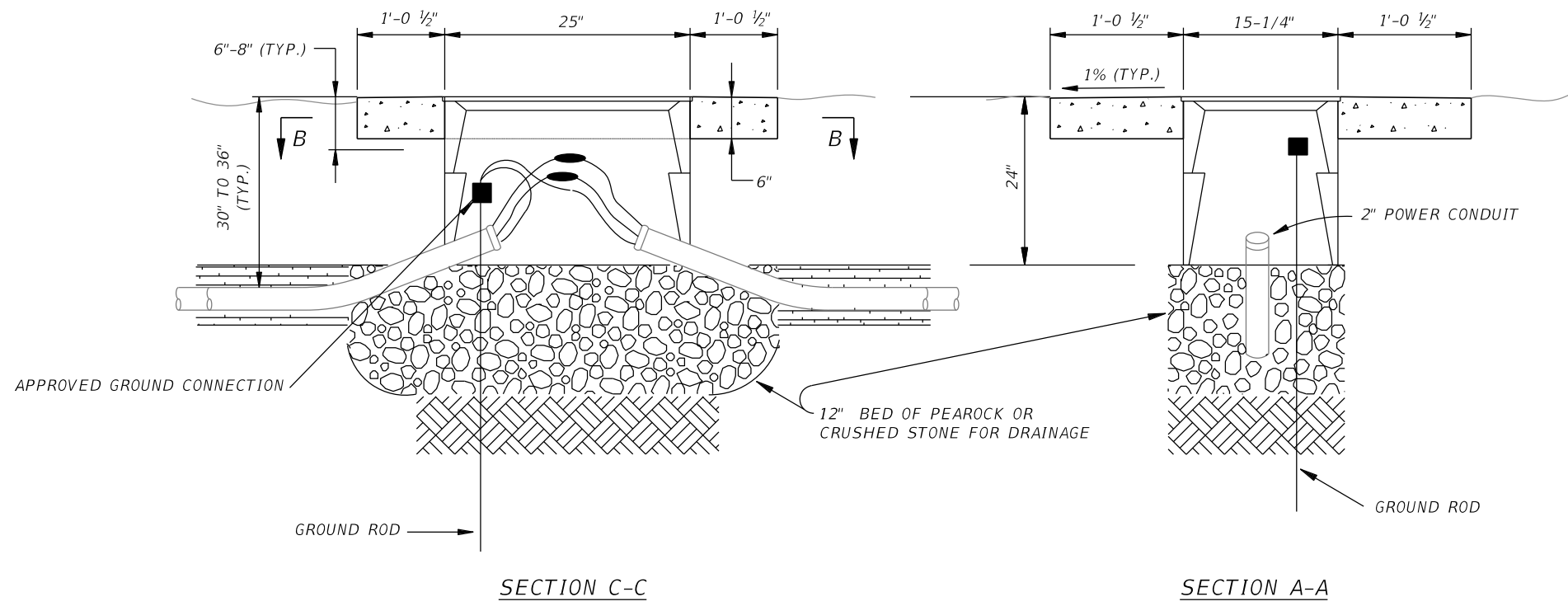
REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			SHEET NO. IT-70
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.	
					530	OSCEOLA	PS2011479-DG	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



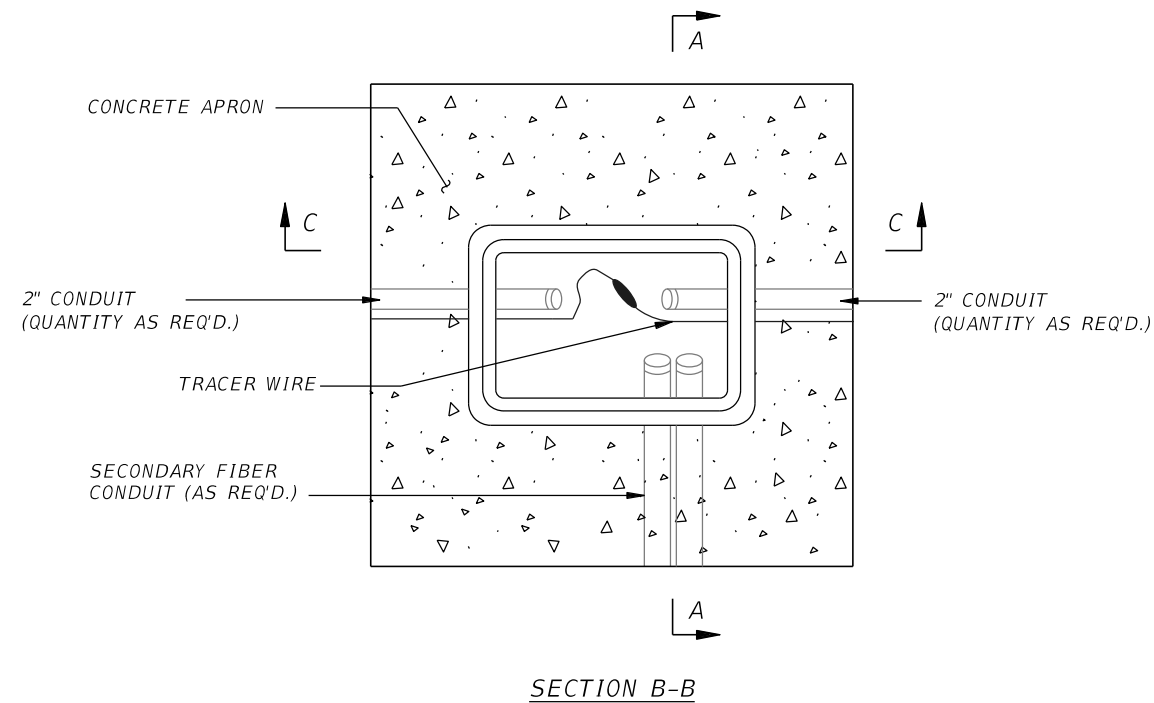
NOTES:

1. REFER TO FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2020-21 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION FOR PULL BOX REQUIREMENTS.
2. ELECTRICAL CABLES SHALL BE INSTALLED IN A SEPARATE CONDUIT/PULL BOX SYSTEM FROM THE FIBER OPTIC CONDUIT/PULL BOX SYSTEM. ELECTRICAL AND FIBER OPTIC CONDUITS MAY BE CO-LOCATED WITHIN THE SAME TRENCH AS SHOWN ON THE PLANS.
3. ALL FIBER OPTIC, SIGNAL, & ELECTRIC PULL BOXES SHALL HAVE MINIMUM 1'-0" WIDE x 6" DEEP CONC APRONS SLOPED AWAY FROM PULL BOX. THE COST OF APRON IS TO BE INCLUDED IN THE COST OF EACH PULL BOX.
4. ALL SPLICES SHALL BE MADE IN PULLBOX PROPERLY TAPED AND WEATHERPROOFED.
5. PULL BOXES SHALL BE PER FLORIDA STANDARD PLAN 635-001. PULL BOXES SHALL BE LISTED IN THE FDOT APPROVED PRODUCTS LIST (APL).
6. PULL BOXES SHALL NOT BE INSTALLED IN ROADWAYS, DRIVEWAYS, PEDESTRIAN RAMPS, OR FLARES UNLESS DIRECTED BY THE ENGINEER.
7. NOTE THAT DIMENSIONS SHOWN ARE THE TYPICAL DIMENSIONS AND MAY VARY DEPENDING ON MANUFACTURER.



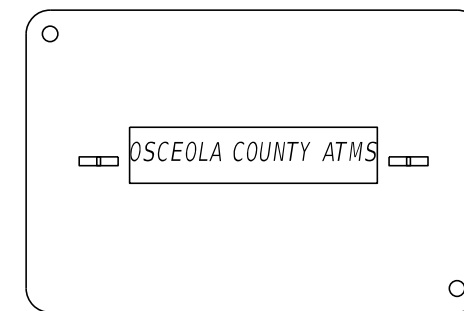
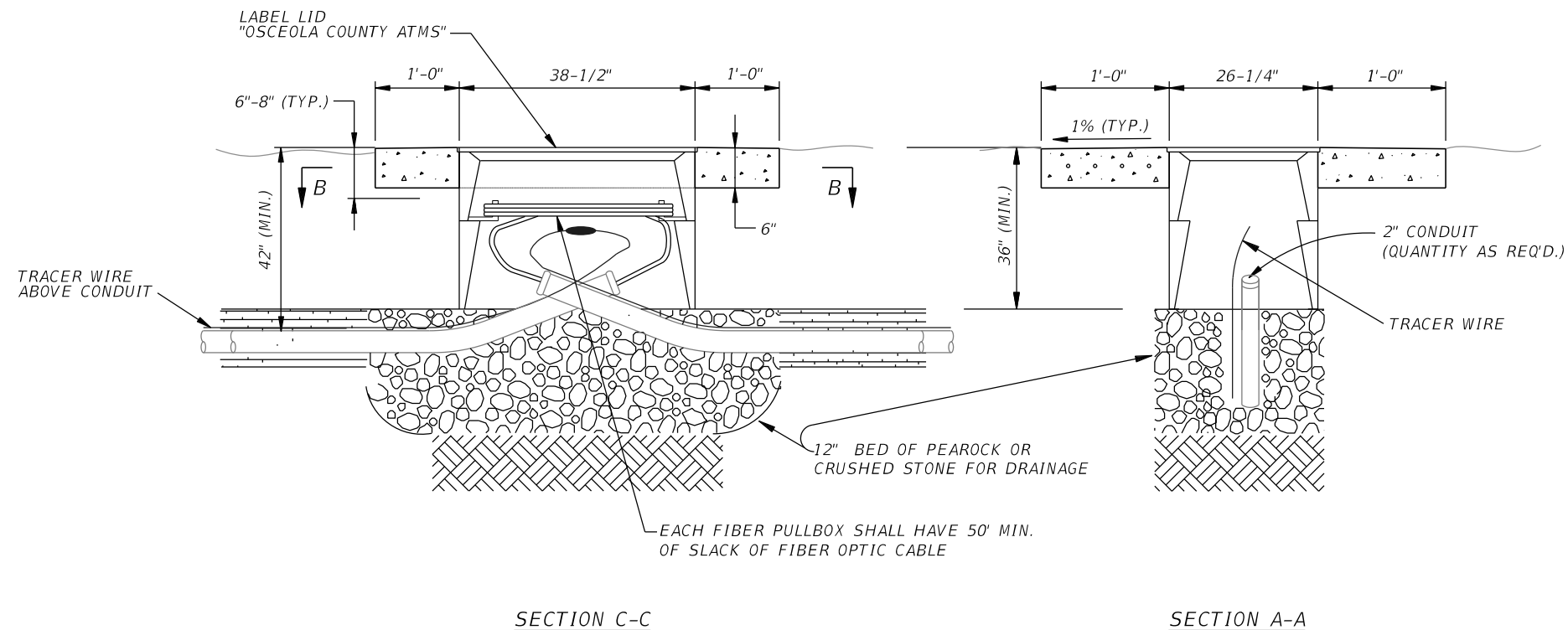
REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			ELECTRICAL PULL BOX DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		IT-71
					530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTES:

1. REFER TO FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2020-21 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION FOR PULL BOX REQUIREMENTS.
2. FIBER OPTIC PULL BOXES SHALL NOT CONTAIN ELECTRICAL CONDUIT OR CONDUCTOR. ELECTRICAL CONDUIT AND CONDUCTORS SHALL BE INSTALLED IN SEPARATE PULL BOXES.
3. CONDUIT C/L SHALL BE ALIGNED TO TOP EDGE OF PULL BOX TO FACILITATE CABLE PULLING.
4. ALL PULL BOXES SHALL HAVE MINIMUM 1'-0" WIDE x 6" DEEP CONCRETE APRONS SLOPED AWAY FROM PULL BOX. THE COST OF APRON IS TO BE INCLUDED IN THE COST OF EACH PULL BOX.
5. FIBER OPTIC SPLICE BOX SHALL NOT BE INSTALLED IN ROADWAYS OR DRIVEWAYS.
6. SPARE FIBER OPTIC CABLE IS TO BE WOUND NEATLY AND CAREFULLY, AS NOT TO EXCEED THE MINIMUM ALLOWABLE BENDING RADIUS OF THE FIBER OPTIC CABLE.
7. 5/8" COPPER BONDED GROUND RODS SHALL BE USED (AS REQUIRED).
8. GROUNDING WIRES SHALL BE EXOTHERMICALLY WELDED TO GROUND RODS (AS REQUIRED).
9. NOTE THAT THE DIMENSIONS SHOWN ARE THE TYPICAL DIMENSIONS AND MANY VARY SLIGHTLY DEPENDING ON THE MANUFACTURER.



FIBER BOX COVER

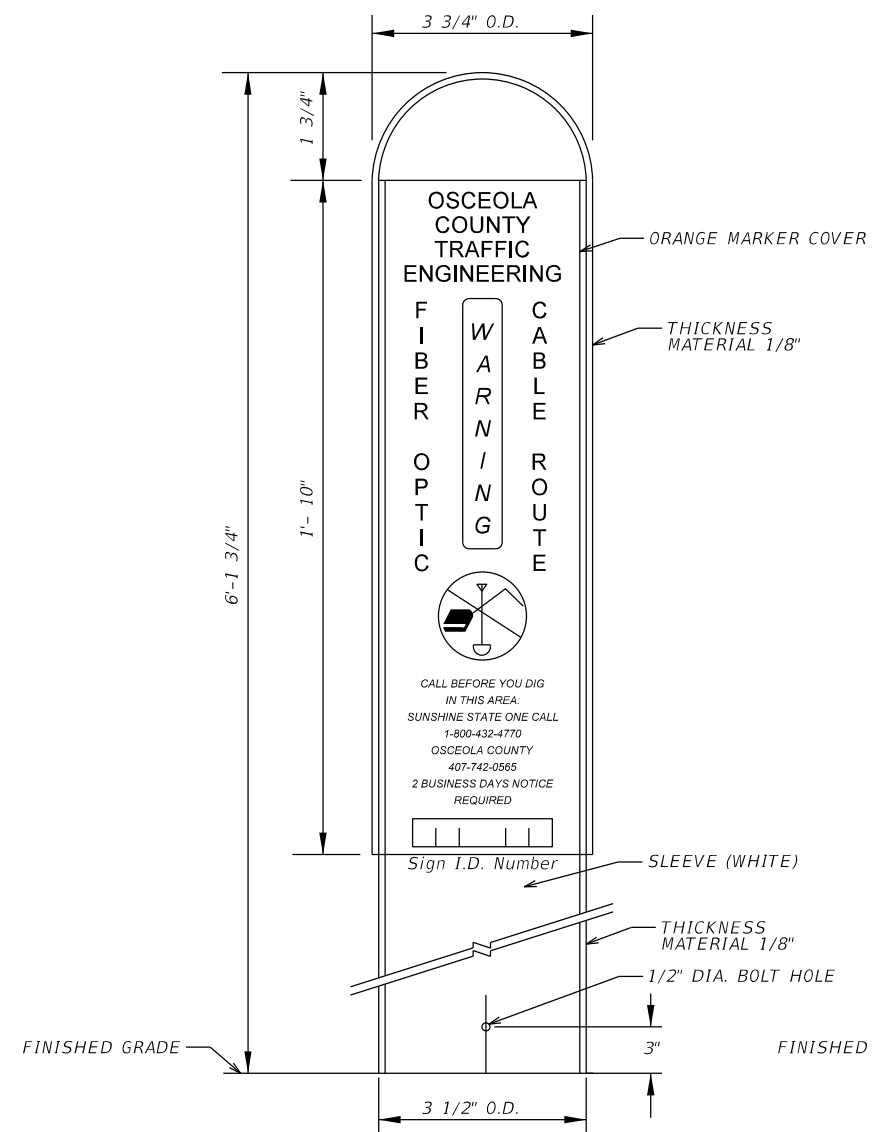
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JARED KNIGHT, P.E.
 P.E. LICENSE NUMBER 74758
 VANASSE HANGEN BRUSTLIN, INC.
 225 E. ROBINSON STREET, SUITE 300
 LANDMARK CENTER TWO
 ORLANDO, FL 32801

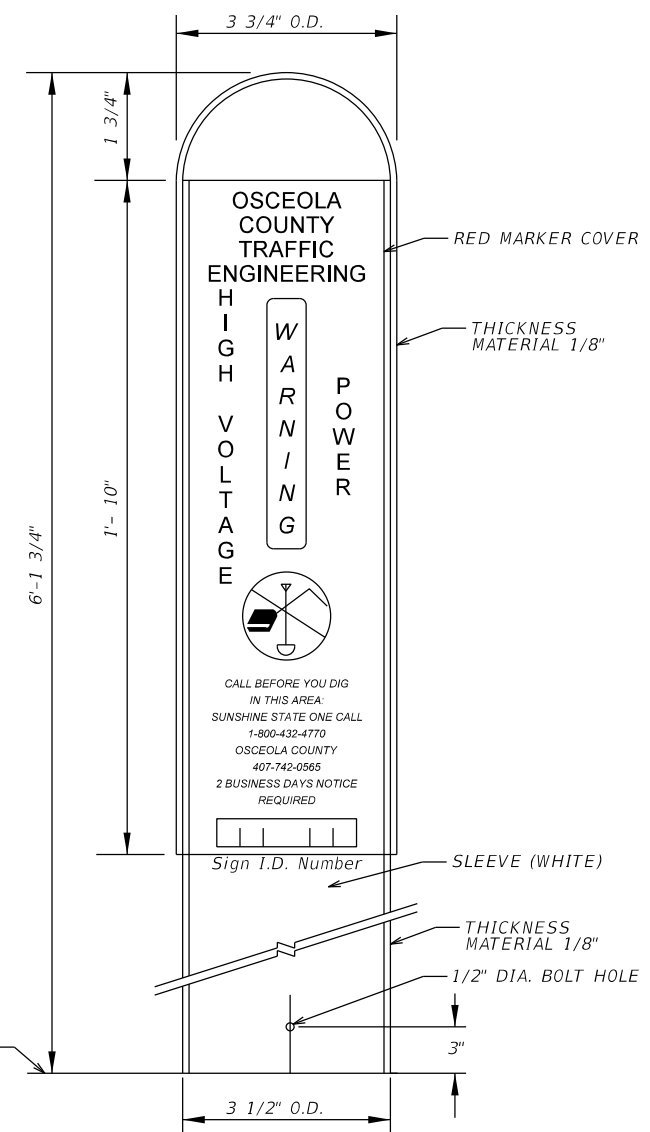
OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT NO.
530	OSCEOLA	PS2011479-DG

**FIBER PULL BOX
DETAIL**

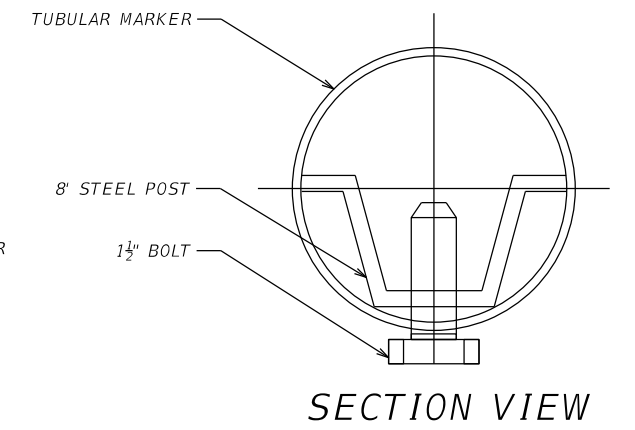
SHEET NO.
IT-72



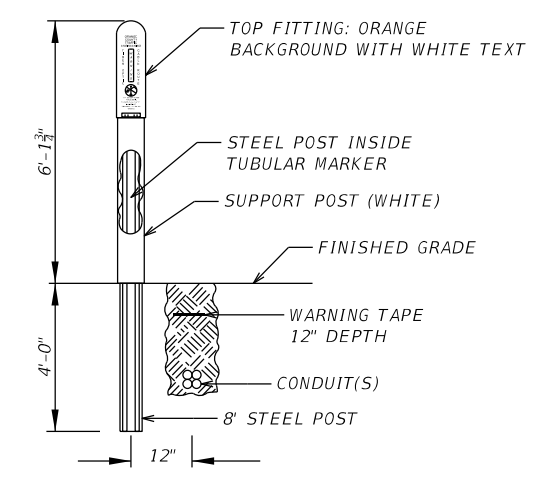
INSTALLATION VIEW (FIBER)



INSTALLATION VIEW (POWER)
(IF NECESSARY)



SECTION VIEW



STANDARD ROUTE MARKER
TYPICAL DETAIL

NOTE:
1. INSTALL STANDARD ROUTE MARKER 12\"/>

- NOTES:
1. PLACED ALONG NEW CONDUIT INSTALLATION AT THE FOLLOWING LOCATIONS:
 - A) AT ALL SPLICE BOX AND FIBER OPTIC PULL BOX LOCATIONS
 - B) BENDS AT CONDUIT RUNS AT OR GREATER THAN 15° FROM APPROACH TO DEPARTURE
 - C) NORTHERN, EASTERN, SOUTHERN AND WESTERN ENDS OF PROJECT LIMITS
 - D) NO GREATER THAN 500 FEET SPACING BETWEEN THOSE SPECIFIED ABOVE
 - WHERE BORE SHOTS TRAVERSE INACCESSIBLE FIELD CONDITIONS AND EXCEED 500 FEET, THE INTERMEDIATE MARKERS MAY BE EXCLUDED.
 - WHERE BORE SHOTS LIMITS ENCROACH WITHIN CLEAR ZONES, INTERMEDIATE MARKERS MAY BE EXCLUDED

*ONLY ONE MARKER SHALL BE USED AT LOCATIONS WHERE MULTIPLE CRITERIA ARE MET WITHIN A 15 FOOT RADIUS

REVISIONS				JARED KNIGHT, P.E. P.E. LICENSE NUMBER 74758 VANASSE HANGEN BRUSTLIN, INC. 225 E. ROBINSON STREET, SUITE 300 LANDMARK CENTER TWO ORLANDO, FL 32801	OSCEOLA COUNTY PUBLIC WORKS DEPARTMENT			FIBER OPTIC CABLE ROUTE MARKER DETAIL	SHEET NO. IT-73
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					530	OSCEOLA	PS2011479-DG		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.