

COMPONENTS OF CONTRACT PLANS SET

Sidewalk Plans

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF SIDEWALK PLANS

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90% PLANS
MARCH 2023

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2022-23 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs:

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

BOARD OF COUNTY COMMISSIONERS

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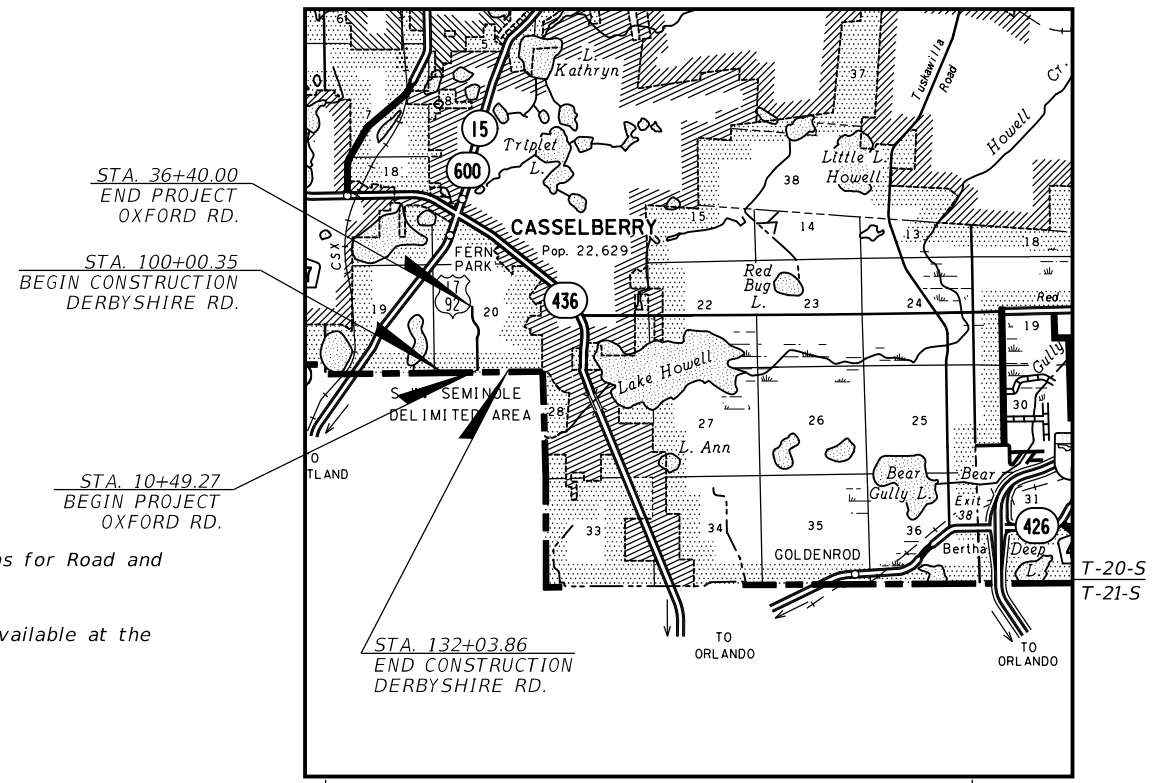
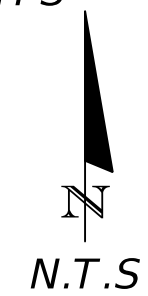
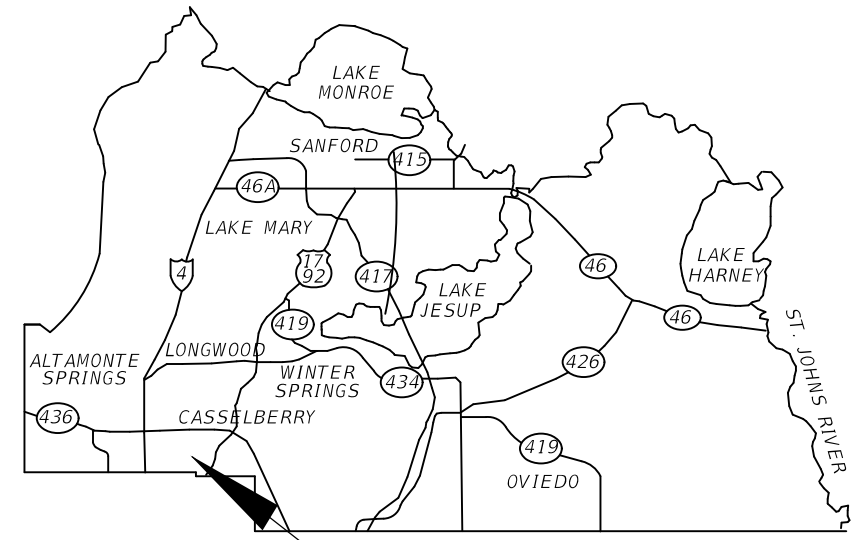
SEMINOLE COUNTY
ENGINEERING DIVISION

CONTRACT PLANS



SEMINOLE COUNTY
FLORIDA'S NATURAL CHOICE

OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS
SEMINOLE COUNTY CIP No. 02107094



PLANS PREPARED BY:
ATKINS

482 SOUTH KELLER ROAD
ORLANDO, FLORIDA 32810
(407)647-7275

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

PROJECT LENGTH IS BASED ON $\frac{1}{4}$ OF SURVEY

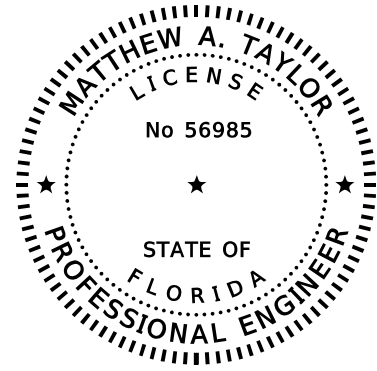
LENGTH OF PROJECT		
	LINEAR FEET	MILES
SIDEWALK	5794.24	1.097
BRIDGES		
NET LENGTH OF PROJECT	5794.24	1.097
EXCEPTIONS		
GROSS LENGTH OF PROJECT	5794.24	1.097

PUBLIC WORKS DIRECTOR: JEAN JREIJ, P.E.

SIDEWALK PLANS
ENGINEER OF RECORD: MATTHEW A. TAYLOR, PE
P.E. NO.: 56985

SEMINOLE COUNTY
PROJECT MANAGER: ANDRE REAUME, P.E.

FISCAL YEAR	SHEET NO.
21	1



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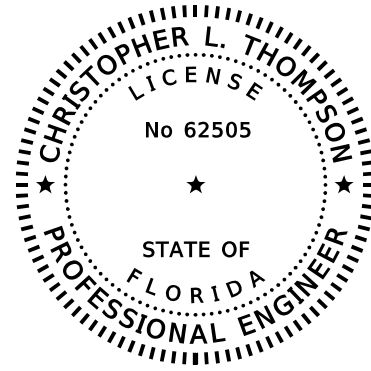
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ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION. 24
MATTHEW A. TAYLOR, P.E. NO. 56985

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

SHEET NO. SHEET DESCRIPTION



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CHRISTOPHER L. THOMPSON, P.E. NO. 62505

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

SHEET NO. SHEET DESCRIPTION

REVISIONS				ATKINS <small>Matthew A. Taylor, P.E. P.E.# 56985 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24</small>	SEMINOLE COUNTY ENGINEERING DIVISION		<i>SIGNATURE SHEET</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		1A
					OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094		

SUMMARY OF PAY ITEMS				
PAY ITEM	DESCRIPTION	UNIT	QUANTITY	
			P	F
101-1	MOBILIZATION	LS	1	
102-1	MAINTENANCE OF TRAFFIC	LS	1	
102-99	CHANGEABLE VARIABLE MESSAGE SIGN, TEMPORARY	ED	201	
104-0-1	PREVENTION CONTROL AND ABATEMENT OF EROSION & WATER POLLUTION	LS	1	
110-1-1	CLEARING & GRUBBING	LS	1	
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	2884	
120-71	REGULAR EXCAVATION	LS	1	
160-4	TYPE B STABILIZATION (12")	SY	1211	
285-706	OPTIONAL BASE (BASE GROUP 06)	SY	761	
327-70-05	MILLING EXISTING ASPHALT PAVEMENT, 1-1/2" AVG. DEPTH	SY	719	
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	162.8	
425-1-341	INLETS (CURB TYPE P-4) (<10')	EA	4	
425-1-351	INLETS, CURB, TYPE P-5, <10'	EA	9	
425-1-361	INLETS, CURB, TYPE P-6, <10'	EA	1	
425-1-441	INLETS (CURB TYPE J-4) (<10')	EA	2	
425-1-521	INLETS (DT BOT TYPE C) (<10')	EA	8	
425-1-711	INLETS, GUTTER, TYPE V, <10'	EA	2	
425-2-41	MANHOLES, P-7, <10'	EA	3	
425-2-43	MANHOLES, P-7, PARTIAL	EA	1	
425-2-61	MANHOLES (P-8) (<10')	EA	2	
425-2-63	MANHOLES, P-8, PARTIAL	EA	1	
425-2-71	MANHOLES, J-7, <10'	EA	3	
425-5	MANHOLE, ADJUST	EA	1	
425-10	YARD DRAIN	EA	11	
430-175-115-A	PIPE CULVERT ,OPTIONAL MATERIAL ,ROUND, 15"S/CD	LF	138	
430-175-118-A	PIPE CULVERT ,OPTIONAL MATERIAL ,ROUND, 18"S/CD	LF	1038	
430-175-130-A	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	16	
430-175-136-A	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	41	
430-175-218-A	PIPE CULVERT ,OPTIONAL MATERIAL ,OTHER-ELIP/ARCH, 18"S/CD	LF	200	
430-175-224-A	PIPE CULVERT ,OPTIONAL MATERIAL ,OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	284	
430-175-242-A	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 42"S/CD	LF	186	
430-542-102	STRAIGHT CONCRETE ENDWALLS, 42", SINGLE, 0 DEGREES, ELLIPTICAL	EA	1	
430-963-1	PVC PIPE FOR BACK OF SIDEWALK, 4"	LF	17	
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	5371	
520-3	CONCRETE VALLEY GUTTER	LF	558	
522-1	SIDEWALK (CONCRETE) (4" THICK)	SY	2716	
522-2	SIDEWALK (CONCRETE) (6" THICK)	SY	1845	
527-2	DETECTABLE WARNINGS (PREFORMED THERMOPLASTIC)	SF	408	
570-1-2	PERFORMANCE TURF (SOD)	SY	3417.7	
700-1-50	SINGLE POST SIGN (RELOCATE)	AS	7	
706-1-1	RAISED PAVEMENT MARKER, TYPE B	EA	90	
711-11-121	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	LF	1957	
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1110	
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" STOP LINE AND CROSSWALK	LF	39	
711-11-221	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF	741	
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	32	
999-4	COFFERDAM & DEWATERING	EA	1	

PAY ITEM NOTES

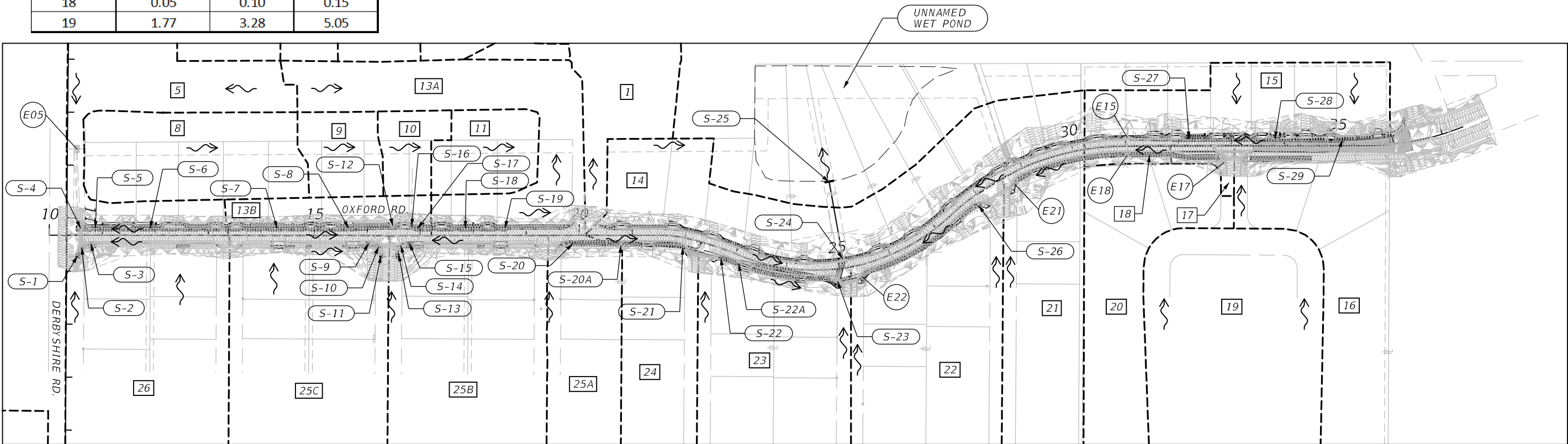
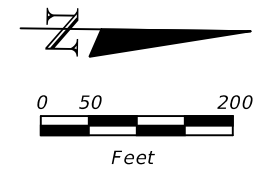
- 101-1 INCLUDES THE COST FOR CQC TESTING FOR ANY OF THE FOLLOWING THAT ARE NECESSARY TO COMPLETE THE CONSTRUCTION OF THIS PROJECT: ASPHALT, CONCRETE, EARTHWORK. INCLUDES THE COST OF CAPPING AND REPAIR OF ANY EXISTING IRRIGATION SYSTEM LOCATED WITHIN THE R/W. INCLUDES THE COST OF TEMPORARY DRAINAGE DURING CONSTRUCTION TO ELIMINATE ANY FLOODING OF PRIVATE PROPERTY AND MAINTAIN BASE FLOW IN CROSS DRAINS.
- 102-1 INCLUDES ALL ITEMS AND LABOR NECESSARY FOR THE IMPLEMENTATION OF THE TRAFFIC CONTROL PLAN AS SPECIFIED IN THIS PLAN AND AS OTHERWISE REQUIRED BY THE CONTRACTOR. INCLUDES THE COST FOR THE CONTRACTOR TO CLEAN THE JOBSITE BY REMOVING ALL LOOSE AGGREGATE, ASPHALT AND MISCELLANEOUS CONSTRUCTION DEBRIS BEFORE LEAVING THE JOBSITE EACH DAY. FOLLOWING CONSTRUCTION, THE CONTRACTOR SHALL THOROUGHLY CLEAN AND SWEEP THE PROJECT TO ASSURE ALL DEBRIS HAS BEEN REMOVED. THE CONTRACTOR SHALL NOTIFY RESIDENCES AND BUSINESSES ALONG THE PROJECT OF THE CONSTRUCTION BY FLYER PROVIDED BY SEMINOLE COUNTY.
- 102-99 INCLUDES COST OF ONE (1) PCMS TO BE SET UP 7 DAYS PRIOR TO CONSTRUCTION AT EACH OF THE FOLLOWING LOCATIONS:
1. SOUTHBOUND OXFORD RD AT EAST BLVD
2. EASTBOUND DERBYSHIRE RD AT GLASTONBERRY RD
3. WESTBOUND DERBYSHIRE RD AT CHIPOLA TRAIL
QUANTITIES ASSUME THREE LOCATIONS FOR 7 DAYS EACH. CONTRACTOR TO COORDINATE LOCATION WITH SEMINOLE COUNTY PROJECT MANAGER.
- 104-0-1 INCLUDES THE COST OF ALL ITEMS, NOT LISTED SEPARATELY, NEEDED FOR EROSION CONTROL. REFER TO GENERAL NOTES SHEET, EROSION CONTROL NOTES AND PLANS.
- 110-1-1 INCLUDES, BUT NOT LIMITED TO, THE REMOVAL AND DISPOSAL OF ALL OBSTRUCTIONS, VEGETATION, DEBRIS, TRIMMING OF TREES AND SHRUBS, ROOT TRIMMING AND REMOVAL, WALLS, FENCES, EXISTING PAVEMENT, BASE AND DRAINAGE STRUCTURES, SIDEDRAINS, AS REQUIRED, TO CONSTRUCT THE PROJECT. NO TREES ARE TO BE REMOVED, EXCEPT AS LABELED, WITHOUT APPROVAL FROM SEMINOLE COUNTY PROJECT MANAGER.
- 110-4-10 INCLUDES THE REMOVAL OF ALL SIDEWALK PANELS, CONCRETE DRIVEWAYS, GUTTER, AND CURB & GUTTERS REQUIRED TO CONSTRUCT THE PROJECT.
- 520-1-10 INCLUDES THE COST OF 5221 LF CALCULATED IN SUMMARY OF QUANTITIES AND 150 LF ADDITIONAL QUANTITY TO ALLOCATE FOR FIELD ADJUSTMENT.
- 522-1 INCLUDES COST OF WATER VALVE ADJUSTMENTS AND OTHER UTILITY ADJUSTMENTS AND/OR UTILITY COORDINATION DUE TO SIDEWALK PLACEMENT.
- 570-1-2 INCLUDES THE COST OF XXX SY CALCULATED IN SUMMARY OF QUANTITIES AND XXX SY ADDITIONAL QUANTITY TO ALLOCATE FOR FIELD ADJUSTMENT.
- 700-1-50 INCLUDES THE COST OF NEW POST IF NECESSARY TO MEET THE STANDARD MOUNTING HEIGHT REQUIREMENTS.
- 711-11-121
711-11-123
711-11-125
711-11-221
711-11-224 INCLUDES PAVEMENT MARKINGS ON FINAL SURFACE ONLY. TEMPORARY MARKINGS REQUIRED FOR MAINTENANCE OF TRAFFIC AND DURING ASPHALT CURE PERIOD SHOULD BE INCLUDED IN THE PRICE BID FOR ITEM 102-1.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS Matthew A. Taylor, P.E. P.E.# 56985 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24	SEMINOLE COUNTY ENGINEERING DIVISION		SUMMARY OF PAY ITEMS	SHEET NO. 2
	ROAD	COUNTY CIP No.		
	OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094		

DRAINAGE BASIN SUMMARY			
DRAINAGE BASIN NUMBER	IMPERVIOUS AREA (AC)	PERVIOUS AREA (AC)	TOTAL AREA (AC)
1	2.79	7.04	9.83
5	4.49	7.39	11.88
8	0.53	1.01	1.54
9	0.21	0.41	0.62
10	0.11	0.23	0.34
11	0.21	0.41	0.62
13A	0.38	1.65	2.03
13B	0.21	0.67	0.88
14	0.70	1.91	2.61
15	0.59	1.17	1.76
16	1.16	2.53	3.69
17	0.05	0.10	0.15
18	0.05	0.10	0.15
19	1.77	3.28	5.05

DRAINAGE BASIN SUMMARY			
DRAINAGE BASIN NUMBER	IMPERVIOUS AREA (AC)	PERVIOUS AREA (AC)	TOTAL AREA (AC)
20	1.07	2.08	3.15
21	1.11	1.72	2.83
22	1.94	2.64	4.58
23	1.84	3.06	4.90
24	0.96	1.69	2.65
25A	0.96	1.61	2.57
25B	1.91	3.49	5.40
25C	2.14	3.18	5.32
26	2.11	3.47	5.58



NOTES:

- DRAINAGE BASIN LIMITS AND NUMBERS WERE TAKEN FROM "FIGURE NO. 3, ENGLISH ESTATES / ENGLISH WOODS SUBDIVISIONS, EXISTING CONDITIONS DRAINAGE BASIN MAP", 09/04, BY PROFESSIONAL ENGINEERING CONSULTANTS, INC.
- PROJECT BASINS DRAIN TO UNNAMED WET POND.

LEGEND	
	DRAINAGE BASIN LIMITS
	DRAINAGE BASIN NUMBER
	FLOW ARROW
	PROPOSED DRAINAGE STRUCTURE NUMBER
	EXISTING DRAINAGE STRUCTURE NUMBER

REVISIONS				ATKINS <small>William H. Telford, P.E. P.E.# 32067 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24</small>	SEMINOLE COUNTY ENGINEERING DIVISION		OVERALL DRAINAGE MAP OXFORD ROAD	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
				OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094			

(E05) GRATE INLET
 RIM EL=91.05'
 S INV EL=88.90' 18"CMP
 E INV EL=88.85' 18"CMP
 N INV EL=88.85' 18"CMP

(E15) CURB INLET
 RIM EL=91.61'
 BOTTOM EL=83.83'
 E INV EL= 83.96' 24"UNK
 W INV EL=83.84' 24"UNK

(E17) CURB INLET
 RIM EL=92.39'
 BOTTOM EL=85.69'
 E INV EL= 85.76' 24"UNK
 S INV EL=85.65' 24"UNK

(E18) CURB INLET
 RIM EL=91.82'
 BOTTOM EL=84.52'
 E INV EL= 84.47' 24"UNK
 W INV EL=84.50' 24"UNK

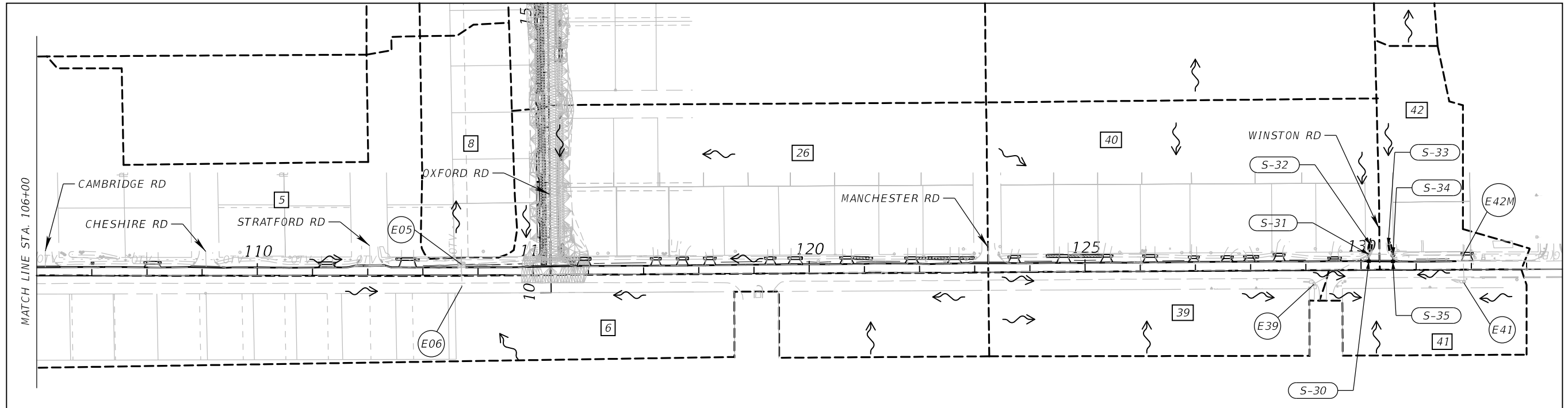
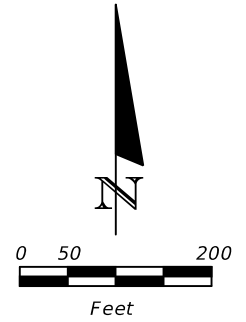
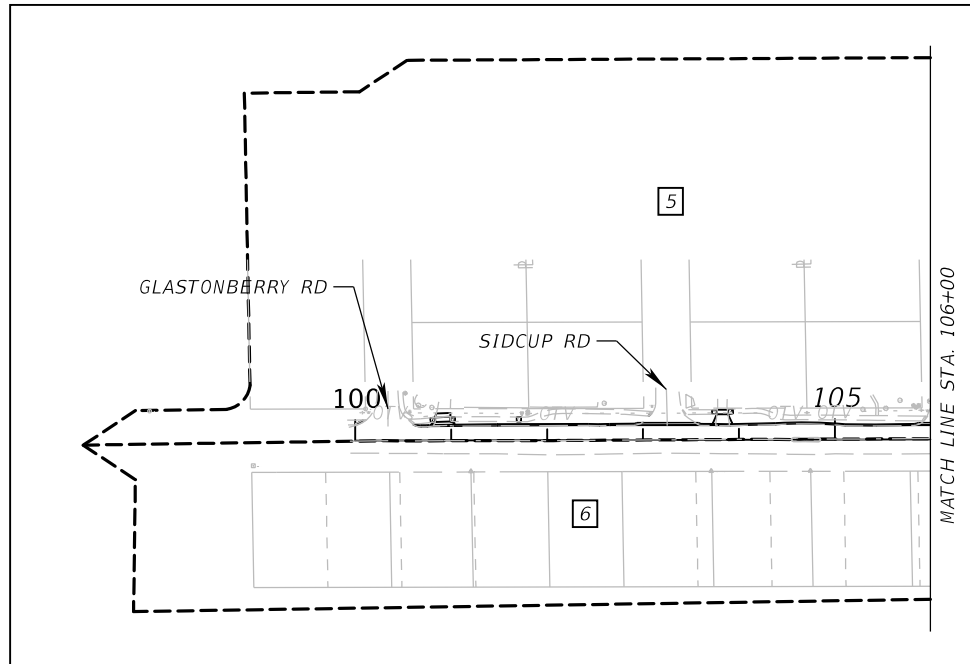
(E21) CURB INLET
 RIM EL=90.82'
 BOTTOM EL=85.92'
 WATER EL=87.62'
 TOP OF IP EL=88.94' 6"IP UNK
 N INV EL= 86.01' 24"UNK
 S INV EL=86.09' 24"PLASTIC?

(E22) CURB INLET
 RIM EL=89.95'
 BOTTOM EL=85.55'
 WATER EL=87.70'
 N INV EL= 85.47' 30"RCP
 S INV EL=85.33' 30"RCP

REVISIONS				ATKINS <small>William H. Telford, P.E. P.E.# 32067 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24</small>	SEMINOLE COUNTY ENGINEERING DIVISION		EXIST. DRAINAGE STRUCTURES OXFORD ROAD	SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
				OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094			

DRAINAGE BASIN SUMMARY			
DRAINAGE BASIN NUMBER*	IMPERVIOUS AREA (AC)	PERVIOUS AREA (AC)	TOTAL AREA (AC)
6	2.68	5.64	8.32
39	0.64	1.31	1.95
40	1.67	3.45	5.12
41	0.32	0.83	1.15
42	0.48	1.36	1.84

*SEE NOTE 3



NOTES:

1. DRAINAGE BASIN LIMITS AND NUMBERS WERE TAKEN FROM "FIGURE NO. 3, ENGLISH ESTATES / ENGLISH WOODS SUBDIVISIONS, EXISTING CONDITIONS DRAINAGE BASIN MAP", 09/04, BY PROFESSIONAL ENGINEERING CONSULTANTS, INC.
2. PROJECT BASINS WEST OF MANCHESTER ROAD DRAIN TO UNNAMED WET POND VIA INLET E05. SEE OVERALL DRAINAGE MAP OXFORD ROAD SHEET 3 FOR LOCATION OF POND. PROJECT BASINS EAST OF MANCHESTER ROAD DRAIN TO THE POND AT THE END OF CHIPOLA TRAIL (NOT PICTURED) VIA THE EXISTING STORMSEWER SYSTEM AT THE WINSTON ROAD INTERSECTION.
3. SEE OXFORD ROAD OVERALL DRAINAGE MAP FOR PROJECT BASINS ALONG OXFORD ROAD/ NORTH OF DERBYSHIRE ROAD.

LEGEND	
	DRAINAGE BASIN LIMITS
	DRAINAGE BASIN NUMBER
	FLOW ARROW
	PROPOSED DRAINAGE STRUCTURE NUMBER
	EXISTING DRAINAGE STRUCTURE NUMBER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS

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482 South Keller Road Orlando, FL 32810
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Certificate of Authorization No. 24

SEMINOLE COUNTY
ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**OVERALL DRAINAGE MAP
DERBYSHIRE ROAD**

SHEET NO.
5

(E05) GRATE INLET
 RIM EL=91.05'
 S INV EL=88.90' 18"CMP
 E INV EL=88.85' 18"CMP
 N INV EL=88.85' 18"CMP

(E06) DBI
 RIM EL=91.06'
 BOTTOM EL=89.51'
 N INV EL=89.45' 18"HDPE

(E39) MANHOLE/INLET
 RIM EL=90.99'
 BOTTOM EL=88.27'
 NE INV EL=88.56' 15"HDPE

(E41) MANHOLE/INLET
 RIM EL=90.46'
 BOTTOM EL=87.91'
 N INV EL=88.13' 15"HDPE

(E42M) MANHOLE
 RIM EL=90.64'
 BOTTOM EL=86.57'
 S INV EL=87.72' 15"HDPE
 W INV EL=86.62' 24"HDPE
 N INV EL=86.69' 24"HDPE

REVISIONS				ATKINS <small>William H. Telford, P.E. P.E.# 32067 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24</small>	<small>SEMINOLE COUNTY ENGINEERING DIVISION</small>		<i>EXIST. DRAINAGE STRUCTURES DERBYSHIRE ROAD</i>	SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
				OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094			

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES											
LOCATION		SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.				0104 10 3		0104 11		0104 18			
				LF		LF		EA			
		P	F	P	F	P	F				
OXFORD RD											
10+65.83	to	10+98.01	RT	32.2							
12+31.88	to	12+71.27	RT	39.4							
13+65.84	to	14+22.74	RT	56.9							
14+42.54	to	15+62.52	RT	220.0							
15+82.44	to	16+15.84	RT	33.4							
16+15.84	to	16+15.71	RT	19.2							
16+15.71	to	16+65.84	RT	17.0							
16+65.84	to	16+90.84	RT	25.0							
17+00.36	to	18+43.26	RT	142.9							
18+60.30	to	19+15.85	RT	55.6							
18+72.50	to	19+85.75	LT	113.3							
19+65.85	to	21+18.05	RT	152.7							
20+51.93	to	21+68.75	LT	118.6							
21+38.41	to	22+11.40	RT	118.6							
21+81.02	to	22+38.81	LT	62.5							
22+54.09	to	23+21.30	LT	68.7							
22+72.56	to	24+90.79	RT	265.8							
23+39.03	to	24+26.06	LT	79.3							
24+37.10	to	24+98.74	LT	56.2							
24+98.74	to	24+82.73	LT	134.0							
25+19.05	to	25+20.71	LT	132.5							
25+20.71	to	25+73.74	LT	48.3							
25+36.41	to	25+77.40	RT	51.9							
25+81.04	to	26+52.31	RT	77.6							
25+91.09	to	26+46.76	LT	50.7							
26+62.73	to	27+41.47	LT	72.9							
27+41.53	to	27+82.91	RT	67.5							
27+51.21	to	28+52.67	LT	108.4							
28+66.16	to	32+80.30	RT	416.6							
28+67.66	to	28+79.53	LT	12.7							
28+88.89	to	29+32.48	LT	46.6							
29+49.16	to	29+63.92	LT	15.8							
29+78.75	to	30+40.56	LT	66.0							
30+55.63	to	31+47.65	LT	94.9							
31+70.86	to	31+88.69	LT	17.8							
32+04.66	to	32+66.62	LT	62.0							
33+10.43	to	33+45.82	LT	35.4							
33+30.30	to	34+49.96	RT	133.8							
34+12.01	to	34+32.30	LT	20.3							
34+87.50	to	35+71.94	LT	83.5							
35+85.80	to	36+02.01	LT	15.2							
24+74.10	to	25+26.35	LT			34.0					
10+65.83	to	36+02.01	LT/RT					34			
DERBYSHIRE RD											
113+40.56	to	115+06.99	LT	166.3							
115+56.76	to	115+84.23	LT	27.5							
113+70.21		130+52.92	LT/RT					6			
SUB-TOTAL:				3636		34.0		40			
TOTAL:				3636		34		40			

REVISIONS				ATKINS <small>Matthew A. Taylor, P.E. P.E.# 56985 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24</small>	SEMINOLE COUNTY ENGINEERING DIVISION		SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
					OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094		

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
					GROSS LENGTH	DEDUCTIONS		NET LENGTH		P		
		TYPE				LENGTH	P	F				
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	10+84.51 TO 19+90.93	LT	LF	908.3		79.0	829.3		5371		OXFORD RD
		19+53.39 TO 20+79.9	RT	LF	133.7			133.7				OXFORD RD
		20+36.78 TO 20+98.21	LT	LF	62.4			62.4				OXFORD RD
		21+08.10 TO 21+48.30	RT	LF	40.2			40.2				OXFORD RD
		21+58.95 TO 21+90.83	LT	LF	34.3			34.3				OXFORD RD
		21+93.81 TO 22+21.85	RT	LF	33.6		12.0	21.6				OXFORD RD
		22+30.35 TO 22+66.45	LT	LF	35.9			35.9				OXFORD RD
		22+53.26 TO 24+04.78	RT	LF	278.5		24.0	254.5				OXFORD RD
		23+13.45 TO 23+49.55	LT	LF	36.4			36.4				OXFORD RD
		24+16.35 TO 24+47.85	LT	LF	31.6			31.6				OXFORD RD
		25+01.87 TO 25+15.49	LT	LF	13.6		12.0	1.6				OXFORD RD
		25+26.20 TO 25+30.76	RT	LF	13.4			13.4				OXFORD RD
		25+63.20 TO 26+00.00	LT	LF	37.1			37.1				OXFORD RD
		26+37.35 TO 26+72.05	LT	LF	35.0			35.0				OXFORD RD
		27+19.90 TO 27+55.50	RT	LF	35.6			35.6				OXFORD RD
		27+30.70 TO 27+62.70	LT	LF	31.8			31.8				OXFORD RD
		27+86.73 TO 28+12.19	RT	LF	32.6		12.0	20.6				OXFORD RD
		28+41.35 TO 28+98.20	LT	LF	57.1			57.1				OXFORD RD
		28+53.20 TO 28+64.78	RT	LF	18.8			18.8				OXFORD RD
		29+01.55 TO 29+40.25	RT	LF	38.8			38.8				OXFORD RD
		29+20.85 TO 29+89.85	LT	LF	69.6			69.6				OXFORD RD
		30+27.78 TO 30+66.58	LT	LF	38.6			38.6				OXFORD RD
		31+08.86 TO 36+35.60	LT	LF	528.2		31.5	496.7				OXFORD RD
31+99.21 TO 32+90.26	RT	LF	78.3			78.3				OXFORD RD		
33+18.22 TO 34+84.04	RT	LF	157.2			157.2				OXFORD RD		
100+60.79 TO 102+91.16	LT	LF	231.1			231.1				DERBYSHIRE RD		
103+61.62 TO 105+83.11	LT	LF	222.0			222.0				DERBYSHIRE RD		
106+43.63 TO 108+78.36	LT	LF	234.8			234.8				DERBYSHIRE RD		
109+42.71 TO 111+77.49	LT	LF	235.8			235.8				DERBYSHIRE RD		
112+30.53 TO 113+62.98	LT	LF	133.8			133.8				DERBYSHIRE RD		
113+77.07 TO 114+81.31	LT	LF	104.3			104.3				DERBYSHIRE RD		
115+75.75 TO 122+84.65	LT	LF	709.6			709.6				DERBYSHIRE RD		
123+60.49 TO 130+00.05	LT	LF	640.1			640.1				DERBYSHIRE RD		
130+72.96 TO 131+72.71	LT	LF	99.8			99.8				DERBYSHIRE RD		
	FOR USE AS AUTHORIZED BY THE PROJECT MANAGER						150.0					
520-3	CONCRETE VALLEY GUTTER	32+65.81 TO 33+43.26	RT	LF	77.4			77.4		558		OXFORD RD
		102+91.16 TO 103+61.62	LT	LF	70.4			70.4				DERBYSHIRE RD
		105+83.11 TO 106+43.63	LT	LF	60.5			60.5				DERBYSHIRE RD
		108+78.36 TO 109+42.71	LT	LF	64.4			64.4				DERBYSHIRE RD
		111+77.49 TO 112+30.53	LT	LF	53.1			53.1				DERBYSHIRE RD
		114+81.31 TO 115+75.75	LT	LF	94.4			94.4				DERBYSHIRE RD
		122+84.65 TO 123+60.49	LT	LF	75.8			75.8				DERBYSHIRE RD
		130+00.05 TO 130+72.96	LT	LF	72.9		10.7	62.2			DERBYSHIRE RD	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS
 Matthew A. Taylor, P.E. P.E.# 56985
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 Certificate of Authorization No. 24

**SEMINOLE COUNTY
ENGINEERING DIVISION**

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

SUMMARY OF QUANTITIES

SHEET NO.
9

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	LENGTH	WIDTH	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	AREA (SY)					P	F	P	F			
110-4-10	REMOVAL OF EXISTING CONCRETE	OXFORD RD												
		DERBYSHIRE RD TO FALMOUTH ROAD		RT				45.6						
		FALMOUTH ROAD TO SUNDERLAND ROAD		RT				106.7						
		SUNDERLAND ROAD TO HUNTERFIELD ROAD		RT				74.6						
		HUNTERFIELD ROAD TO WORTHINGTON ROAD		RT				272.2						
		WORTHINGTON ROAD TO MARKINGHAM ROAD		RT				302.0						
		MARKINGHAM ROAD TO CAROLTON ROAD		RT				294.4						
		CAROLTON ROAD TO FIELDINGWOOD RD		RT				77.3						
		FIELDINGWOOD RD TO SCHOOL ENTRANCE		RT				156.4						
		DERBYSHIRE RD TO HUNTERFIELD RD		LT				189.7						
		HUNTERFIELD RD TO EAST BLVD		LT				531.6						
		DERBYSHIRE RD												
		GLASTONBERRY RD TO OXFORD RD		LT				185.1						
		OXFORD RD TO CHIPOLA TRL		LT				648.9						
		TOTAL						2884.4						

REVISIONS				ATKINS <small>Matthew A. Taylor, P.E. P.E.# 56985 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24</small>	SEMINOLE COUNTY ENGINEERING DIVISION		SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		10
					OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094		

GENERAL NOTES

- GRADES SHOWN ARE FINISHED GRADES.
 - B.M. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD88)
 - EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
 - EXISTING UTILITY LOCATIONS SHOWN IN THE PLANS ARE ONLY APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL EXISTING UNDERGROUND UTILITIES LOCATED IN THE FIELD AND NOTIFY ALL UTILITY OWNERS WHETHER PUBLIC OR PRIVATE, WITH FACILITIES IN THE AREA OF CONSTRUCTION ACTIVITIES FOR POSSIBLE CONFLICTS AND COORDINATE ANY ADJUSTMENT AND/OR RELOCATION AS NECESSARY TO COMPLETE THE PROJECT. ALL NOTIFICATIONS TO BE MADE ONE WEEK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. CONTACT SUNSHINE STATE ONE - CALL 1-800-432-4770.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE CURRENT STATE OF FLORIDA UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT AND/OR RELATED STATE LAW. THE FOLLOWING INFORMATION IS BEING PROVIDED BY SEMINOLE COUNTY IN AN EFFORT TO ASSIST THE CONTRACTOR BY LISTING UTILITIES THAT MAY PROVIDE SERVICE IN THE APPROXIMATE AREA OF PROPOSED CONSTRUCTION. THE CONTRACTOR SHOULD ASSUME OTHER UTILITIES THAT ARE NOT LISTED MAY PROVIDE SERVICE IN THE APPROXIMATE AREA OF PROPOSED CONSTRUCTION.
- | | | |
|--|---|--|
| UTILITY OWNERS: | | |
| CITY OF CASSELBERRY
95 TRIPLET LAKE DR
CASSELBERRY, FL 32707
407-262-7725 Ext: 1235
TARA LAMOREAUX | SEMINOLE COUNTY
ENVIRONMENTAL SERVICES DEPT.
500 WEST LAKE MARY BLVD
SANFORD, FL 32773
407-665-2040
PAUL ZIMMERMAN | CHARTER COMMUNICATIONS
3767 ALL AMERICAN BLVD
ORLANDO, FL 32810
407-215-5716
LASZLO WAGNER |
| S.SEMINOLE & N ORANGE
WASTEWATER
407-679-5358 X200
STEFANO CERIANA (CHA) | UNITI FIBER LLC
200 CUMBERLAND PARK DR.
ST. AUGUSTINE, FL 32095
904-718-8152
BOB MENSCHING | CENTURYLINK/LUMEN
1325 BLAIRSTONE RD RM 113
TALLAHASSEE, FL 32301
850-599-1444
ROB GODEK |
| BLACK & VEATCH
201 S ORANGE AVE SUITE 500
ORLANDO, FL 32801
813-207-7931
TAYLOR BARROW | DUKE ENERGY
452 E CROWN POINTE RD
WINTER GARDEN, FL 34787
407-205-6932
SAM KAISER | MCI
7000 WESTON PARKWAY,
SITE CODE: CRYANC
CARY, NC 27513-2119
800-624-9675
MCIU01 INVESTIGATIONS |
| TECO PEOPLES GAS-ORLANDO
8416 PALM RIVER RD
TAMPA, FL 33619
813-275-3783
SHAWN WINSOR | | |
- ALL SURVEY CORNERS INDICATED ON THE PLANS SHALL BE REFERENCED AND CERTIFIED BY A REGISTERED PROFESSIONAL LAND SURVEYOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. ALL CORNERS DESTROYED OR OBLITERATED BY CONSTRUCTION SHALL BE RESET AND SO CERTIFIED BY THE LAND SURVEYOR PRIOR TO COMPLETION OF THE PROJECT. CERTIFIED SKETCHES SHALL BE SUBMITTED TO:

SEMINOLE COUNTY ROADS-STORMWATER DIVISION, SURVEY SECTION
 - A MINIMUM OF TWO FEET ON BOTH SIDES OF THE SIDEWALK SHALL BE RESODDED AND ALL DISTURBED AREAS WILL BE RESODDED TO MATCH THE EXISTING TYPE OF SOD, UNLESS OTHERWISE NOTED IN THE PLANS.
 - ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE SEMINOLE COUNTY SURVEYOR WITHOUT DELAY BY TELEPHONE AT 407-665-5656.
 - ALL MATERIALS, CONSTRUCTION, INSPECTIONS AND TESTS SHALL, AS A MINIMUM, CONFORM TO FDOT STANDARD SPECIFICATIONS, AND SUPPLEMENTS THERETO, AND TO SPECIAL PROVISIONS FOR THIS PROJECT.
 - ALL SHOP DRAWINGS MUST BE APPROVED BY THE ENGINEER OF RECORD (EOR) PRIOR TO FABRICATION.
 - PERMANENT TURNOUTS AND DRIVEWAY CONNECTIONS TO PRIVATE PROPERTY THAT LIE OUTSIDE THE LIMITS OF RIGHT-OF-WAY AND WHERE ACCESS RIGHTS HAVE NOT BEEN ACQUIRED SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TURNOUT DETAILS AND STATE STANDARD SPECIFICATIONS REFERENCED ON THE KEY SHEET OF THESE PLANS. THE COUNTY OR THE COUNTY'S CONTRACTOR SHALL NOT ISOLATE ADJACENT AND/OR REMAINDER PROPERTY UNLESS ACCESS RIGHTS ARE ACQUIRED. ACCESS SHALL BE PROVIDED TO SUCH PROPERTY WHENEVER CONSTRUCTION INTERFERES WITH THE EXISTING MEANS OF ACCESS.
 - ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THE CONSTRUCTION WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING PRE-CONSTRUCTION CONDITION, UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. COST TO BE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION TO BE ALLOWED.

EROSION CONTROL NOTES

- PROVIDE EROSION AND SEDIMENTATION CONTROL MEASURES CONSISTING OF STAKED SILT FENCES AND ADDITIONAL MEASURES AS NECESSARY, UTILIZING INDUSTRY STANDARD BEST MANAGEMENT PRACTICES AND FOLLOWING REQUIREMENTS BELOW, TO AVOID ADVERSE IMPACTS TO JURISDICTIONAL AREAS (WETLANDS, WATER BODIES, AND UPLAND BUFFERS) AND OFF SITE LANDS AND WATER BODIES. MAINTAIN THESE MEASURES DAILY UNTIL CONSTRUCTION ACCEPTANCE BY SEMINOLE COUNTY AND THEN REMOVE AND LEGALLY DISPOSE OF SAID MEASURES.
- NO DISCHARGE OF CONTAMINANTS INTO ADJACENT WETLANDS, WATER BODIES, OR UPLAND BUFFERS WILL BE PERMITTED AT ANY TIME.
- DAMAGE TO WETLANDS AND/OR UPLAND BUFFERS ADJACENT TO CONSTRUCTION AREAS SHALL BE PREVENTED BY DELINEATING THE LIMITS OF CONSTRUCTION, AND INSTALLING SEDIMENT BARRIERS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, THEREBY RETAINING SEDIMENT WITHIN THE CONSTRUCTION AREA. CONTRACTOR WILL BE REQUIRED TO ADEQUATELY MAINTAIN THESE PROTECTION MEASURES AT ALL TIMES.
- EROSION CONTROL AND DUST CONTROL SHALL BE MAINTAINED WITHIN CONSTRUCTION AREAS BY QUICKLY STABILIZING DISTURBED AREAS TO PREVENT THE RELEASE OF SEDIMENT. THIS SHALL BE ACCOMPLISHED USING GRASS COVER, TURBIDITY FENCES, PERIODIC WATERING, AND OTHER BEST MANAGEMENT PRACTICES WHICH ARE ACCEPTABLE TO THE SEMINOLE COUNTY ENGINEERING INSPECTOR AND REGULATORY AGENCIES.
- TURBIDITY BARRIERS SHALL BE USED TO PREVENT RELEASE OF SEDIMENT AND/OR TURBID WATER INTO SURROUNDING WATERS. THESE SEDIMENT AND TURBIDITY BARRIERS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
- DURING CONSTRUCTION THE CONTRACTOR SHALL MODIFY OR RELOCATE THE SILT FENCE (WITH SEMINOLE COUNTY'S PRIOR APPROVAL) TO ALLOW FOR ITS ACCESS AND TO COMPLETE CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ADEQUATE EROSION CONTROL AT ALL TIMES.
- ALL EROSION PREVENTION AND CONTROL MEASURES MUST BE INSPECTED AND APPROVED BY THE COUNTY COMPLIANCE PERSONNEL, AS REQUIRED, PRIOR TO ANY CONSTRUCTION ACTIVITIES. REMOVAL OF THESE SAME EROSION CONTROLS AND PREVENTION MEASURES MAY BE DONE ONLY AFTER AUTHORIZATION BY COUNTY PERSONNEL IS OBTAINED.
- ALL SURFACE WATER DISCHARGE FROM SITE, INCLUDING DEWATERING DISCHARGE, SHALL MEET CURRENT STATE WATER QUALITY STANDARDS PRIOR TO REACHING ANY WATERS OF THE STATE INCLUDING WETLANDS.
- ALL STORM DRAINAGE INLETS AND PIPES SHALL BE PROTECTED FROM SILT, SAND AND DEBRIS DURING CONSTRUCTION. ANY ACCUMULATION WITHIN THE STORM DRAINAGE PIPE SYSTEM SHALL BE REMOVED WITHOUT PUMPING OR FLUSHING. STORM DRAINAGE SYSTEM SHALL BE CLEANED AND FREE OF DEBRIS PRIOR TO ENGINEER'S INSPECTOR'S ACCEPTANCE.
- THE EROSION CONTROL MEASURES PER FDOT EROSION AND SEDIMENT CONTROL MANUAL ARE THE MINIMUM REQUIRED. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO FIELD CONDITIONS AS DETERMINED BY THE SEMINOLE COUNTY PROJECT MANAGER OR THE REGULATORY AGENCIES

MOT NOTES

- VEHICULAR AND PEDESTRIAN TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FDOT STANDARD PLANS, INDEX 102-600 SERIES, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS A MINIMUM.
- LANE CLOSURES SHALL BE PERMITTED ONLY DURING ACTIVE WORK PERIODS AND AS FOLLOWS:
MONDAY, TUESDAY, AND FRIDAY FROM 9:00 AM TO 3:00 PM;
WEDNESDAY FROM 9:00 AM TO 2:00 PM.
TIME MAY BE ADJUSTED BY SEMINOLE COUNTY PROJECT MANAGER.
- USE PORTABLE-CHANGEABLE MESSAGE SIGNS (PCMS) 7 DAYS PRIOR TO CONSTRUCTION AS NOTED IN THE PAY ITEM NOTES.
- SEMINOLE COUNTY IS ADMINISTERING THE CONSTRUCTION OF THIS PROJECT. IT IS THE COUNTY'S POLICY TO PLACE THE RESPONSIBILITY FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION ON THE CONTRACTOR. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN SIGNED AND SEALED BY A STATE OF FLORIDA REGISTERED PROFESSIONAL ENGINEER TO THE COUNTY PRIOR TO BEGINNING THE PROJECT. THE APPLICATION AND REFERENCE OF SPECIFIC FDOT STANDARD PLANS INDICES IS ACCEPTABLE.
- MAINTAIN EXISTING PEDESTRIAN TRAFFIC ON AT LEAST ONE SIDE OF THE ROAD AT ALL TIMES DURING CONSTRUCTION.

CURB RAMP NOTES

- MAINTAIN A MINIMUM LONGITUDINAL GRADE OF 0.3% IN AREAS OF RECONSTRUCTED CURBING. EXISTING DRAINAGE PATTERNS TO BE MAINTAINED. COORDINATE WITH SEMINOLE COUNTY ENGINEERING INSPECTOR IF EXISTING CONDITIONS DO NOT ALLOW EXISTING PATTERNS TO BE MAINTAINED.
- ALL CONCRETE SIDEWALK AND CURB RAMPS SHALL MEET ADA REQUIREMENTS. DETECTABLE WARNINGS SHALL BE PLACED ON ALL LOCATIONS WHERE PROPOSED RAMP OR SIDEWALK MEETS THE SIDESTREET PER STANDARD PLAN INDEX 522-002.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK ALL CONCRETE FORMS PRIOR TO CONCRETE BEING POURED AND CONFIRM THAT THE FINISHED SIDEWALK AND/OR CURB RAMP MEET ADA REQUIREMENTS AS INTENDED. FAILURE TO DO SO MAY RESULT IN THE REMOVAL AND REPLACEMENT OF THE CONCRETE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL NOTIFY SEMINOLE COUNTY ENGINEERING INSPECTOR PRIOR TO PLACEMENT OF ANY CONCRETE.

ATKINS

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 Certificate of Authorization No. 24

SEMINOLE COUNTY ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

GENERAL NOTES

SHEET NO.

13

CURVE DATA

CUR 1

PI STA. = 21+75.42
 Δ = 10° 56' 08" (RT)
 D = 45° 50' 12"
 T = 11.97
 L = 23.86
 R = 125.00
 PC STA. = 21+63.45
 PCC STA. = 21+87.31

CUR 2

PI STA. = 22+46.13
 Δ = 11° 55' 45" (RT)
 D = 10° 10' 37"
 T = 58.82
 L = 117.22
 R = 563.00
 PCC STA. = 21+87.31
 PRC STA. = 23+04.53

CUR 3

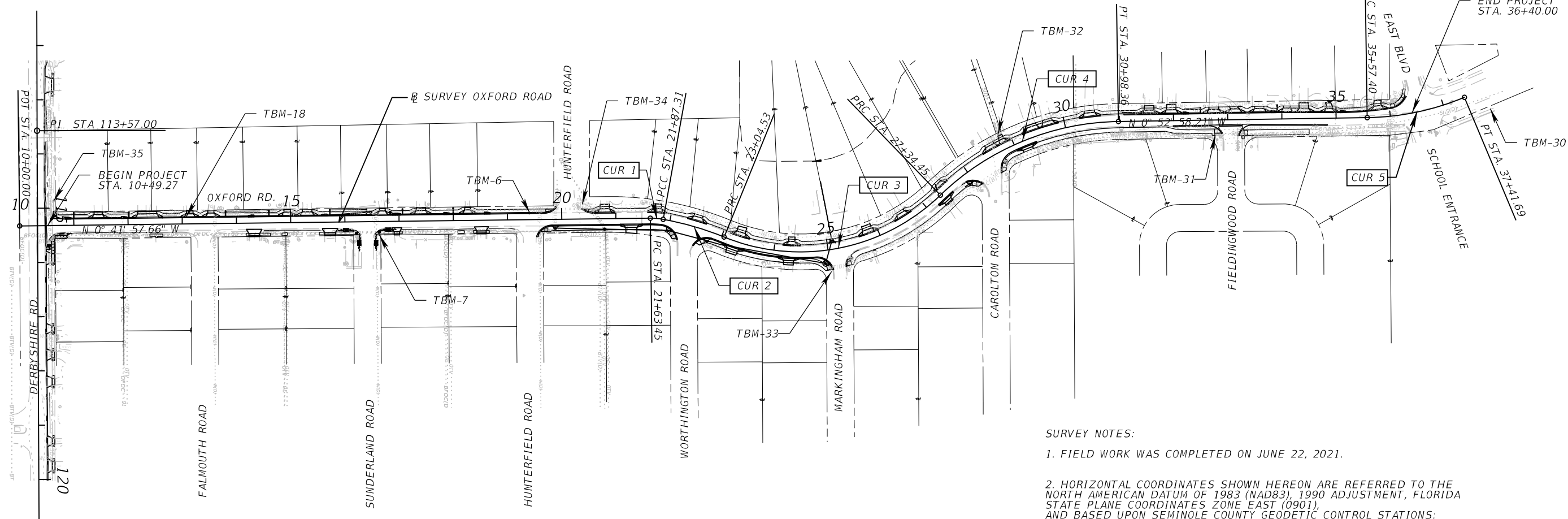
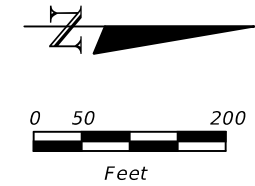
PI STA. = 25+47.11
 Δ = 66° 13' 02" (LT)
 D = 15° 24' 08"
 T = 242.58
 L = 429.92
 R = 372.00
 PRC STA. = 23+04.53
 PRC STA. = 27+34.45

CUR 4

PI STA. = 29+25.53
 Δ = 43° 10' 09" (RT)
 D = 11° 51' 45"
 T = 191.08
 L = 363.91
 R = 483.00
 PRC STA. = 27+34.45
 PT STA. = 30+98.36

CUR 5

PI STA. = 36+50.68
 Δ = 21° 51' 39" (LT)
 D = 11° 51' 45"
 T = 93.28
 L = 184.29
 R = 483.00
 PC STA. = 35+57.40
 PT STA. = 37+41.69



SURVEY NOTES:

1. FIELD WORK WAS COMPLETED ON JUNE 22, 2021.

2. HORIZONTAL COORDINATES SHOWN HEREON ARE REFERRED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), 1990 ADJUSTMENT, FLORIDA STATE PLANE COORDINATES ZONE EAST (0901), AND BASED UPON SEMINOLE COUNTY GEODETIC CONTROL STATIONS:

- 192 - FOUND 5"x5" CONCRETE MONUMENT "G.P.S. 0192 / VALERIE"
N: 1,570,794.309 E: 544,931.250 ELEV: 91.189
- 497 - FOUND ROUND CONCRETE MONUMENT "ORANGE CO. GIS-497"
N: 1,560,032.915 E: 547,854.530 ELEV: 75.068

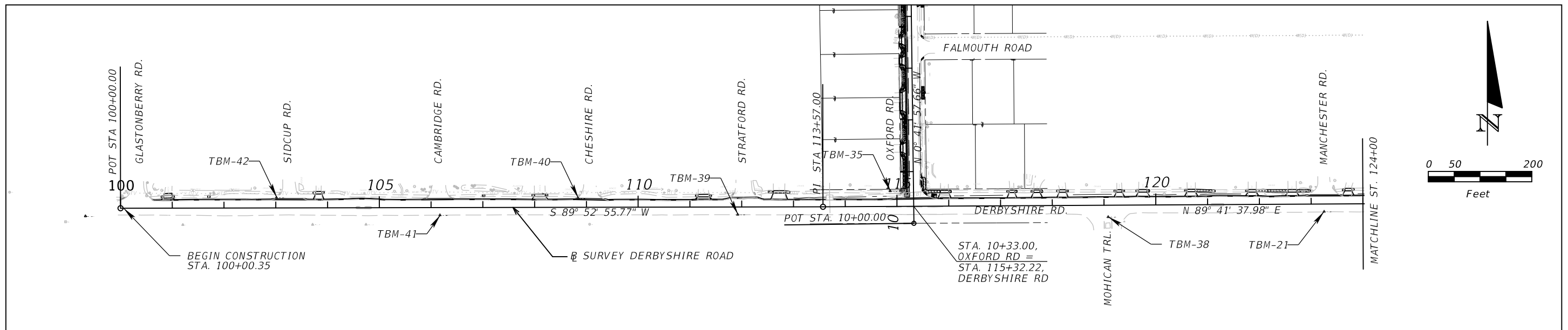
3. THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88) BASED ON THE SEMINOLE COUNTY SURVEY BENCHMARKS:

- 4640601 - FOUND PK NAIL AND DISK "SEM.CO. 464.06.01"
ELEVATION = 89.947'
- 4640701 - FOUND PK NAIL AND DISK "SEM.CO. 464.07.01"
ELEVATION = 92.653'

4. THESE MAPS WERE PREPARED WITHOUT THE BENEFIT OF A TITLE SEARCH. THE RIGHTS-OF WAY AND LOTS LINES SHOWN HEREON ARE APPROXIMATELY BASED UPON THE INFORMATION AVAILABLE ON THE SEMINOLE COUNTY PROPERTY APPRAISER'S WEBSITE.

OXFORD ROAD						
Point	North	East	Elevation	Station	Offset	Description
TBM-6	1566438.06'	547119.22'	91.96'	19+41.41	-12.25	SET MAG N&D "ATKINS TRAV.PT."
TBM-7	1566160.08'	547158.85'	91.72'	16+62.97	23.99'	SET MAG N&D "ATKINS TRAV.PT."
TBM-18	1565804.03'	547126.28'	92.56'	13+07.35	-12.92'	SET MAG N&D "ATKINS TRAV.PT."
TBM-30	1568209.519	546926.535'	94.280	37+41.69	37.44'	SET 5/8 REBAR&CAP ATKINS TP
TBM-31	1567702.481	546975.174'	92.603	32+76.72	27.50'	SET MAG NAIL & DISK SEM.CO.TP
TBM-32	1567301.618	546974.487'	91.138	28+81.77	-30.09'	SET MAG NAIL & DISK ATKINS TP
TBM-33	1566994.655	547227.131'	89.940	25+00.92	40.36'	SET 5/8 REBAR&CAP ATKINS TP
TBM-34	1566534.776	547103.357'	91.551	20+38.32	-26.93'	SET 5/8 REBAR&CAP ATKINS TP
TBM-35	1565559.360	547097.558'	92.573	10+63.05	-44.63'	SET MAG NAIL & DISK ATKINS TP

REVISIONS				ATKINS Matthew A. Taylor, P.E. P.E.# 56985 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24	SEMINOLE COUNTY ENGINEERING DIVISION	PROJECT LAYOUT OXFORD ROAD	ROAD	COUNTY CIP No.	SHEET NO. 14
DATE	DESCRIPTION	DATE	DESCRIPTION		OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS		02107094		



SURVEY NOTES:

1. FIELD WORK WAS COMPLETED ON MARCH 24, 2020.

2. HORIZONTAL COORDINATES SHOWN HEREON ARE REFERRED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), 1990 ADJUSTMENT, FLORIDA STATE PLANE COORDINATES ZONE EAST (0901), AND BASED UPON SEMINOLE COUNTY GEODETIC CONTROL STATIONS:

192 - FOUND 5"x5" CONCRETE MONUMENT "G.P.S. 0192 / VALERIE"
 N: 1,570,794.309 E: 544,931.250 ELEV: 91.189

497 - FOUND ROUND CONCRETE MONUMENT "ORANGE CO. GIS-497"
 N: 1,560,032.915 E: 547,854.530 ELEV: 75.068

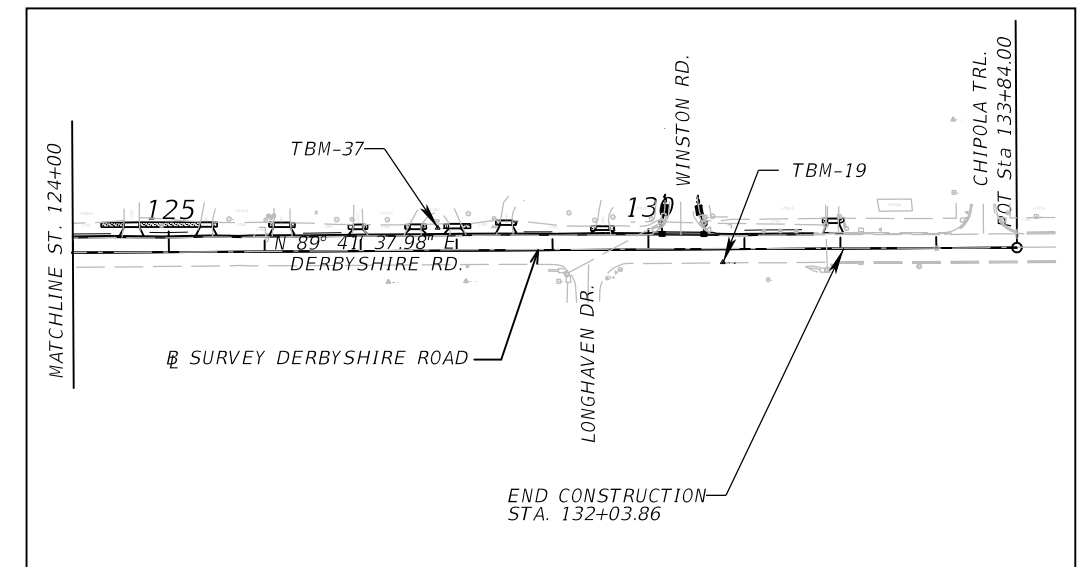
3. THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88) BASED ON THE SEMINOLE COUNTY SURVEY BENCHMARKS:

4640601 - FOUND PK NAIL AND DISK "SEM.CO. 464.06.01"
 ELEVATION = 89.947'

4640701 - FOUND PK NAIL AND DISK "SEM.CO. 464.07.01"
 ELEVATION = 92.653'

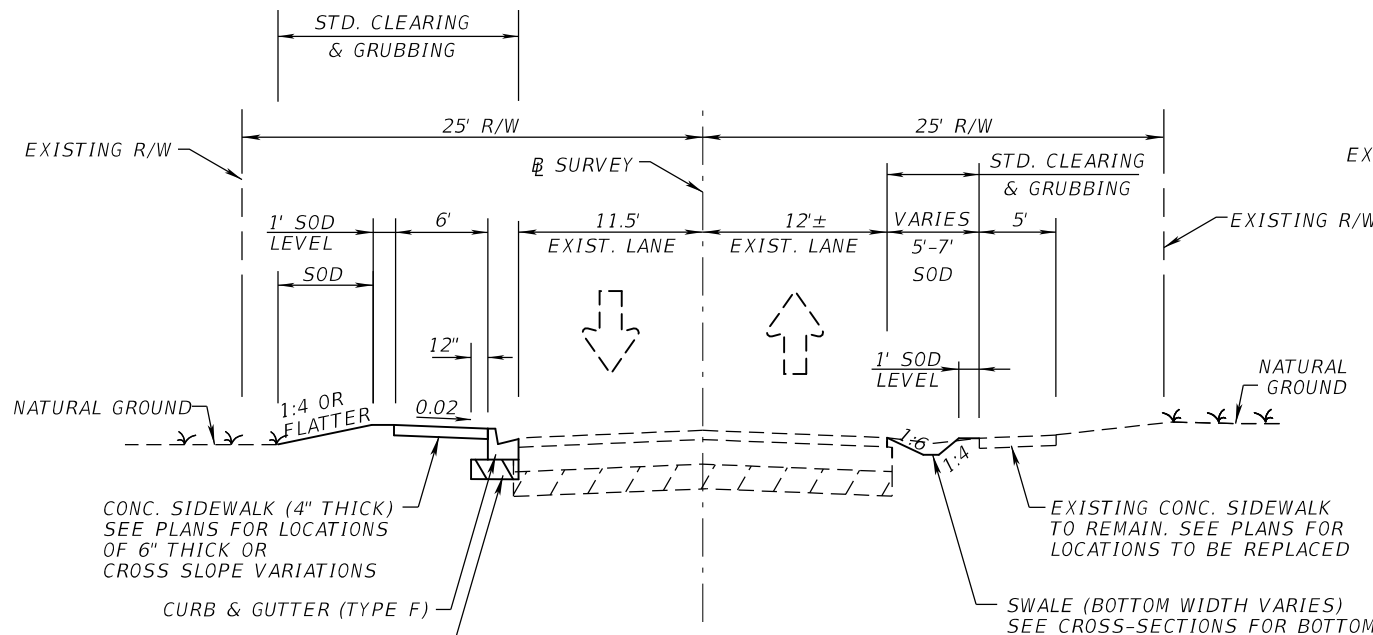
4. SUBSURFACE UTILITIES WERE NOT LOCATED AS PART OF THIS SURVEY.

5. ALL DRIVEWAYS AND SIDEWALK MATERIALS ARE CONCRETE, UNLESS STATED OTHERWISE ON THE TOPOGRAPHIC SURVEY.

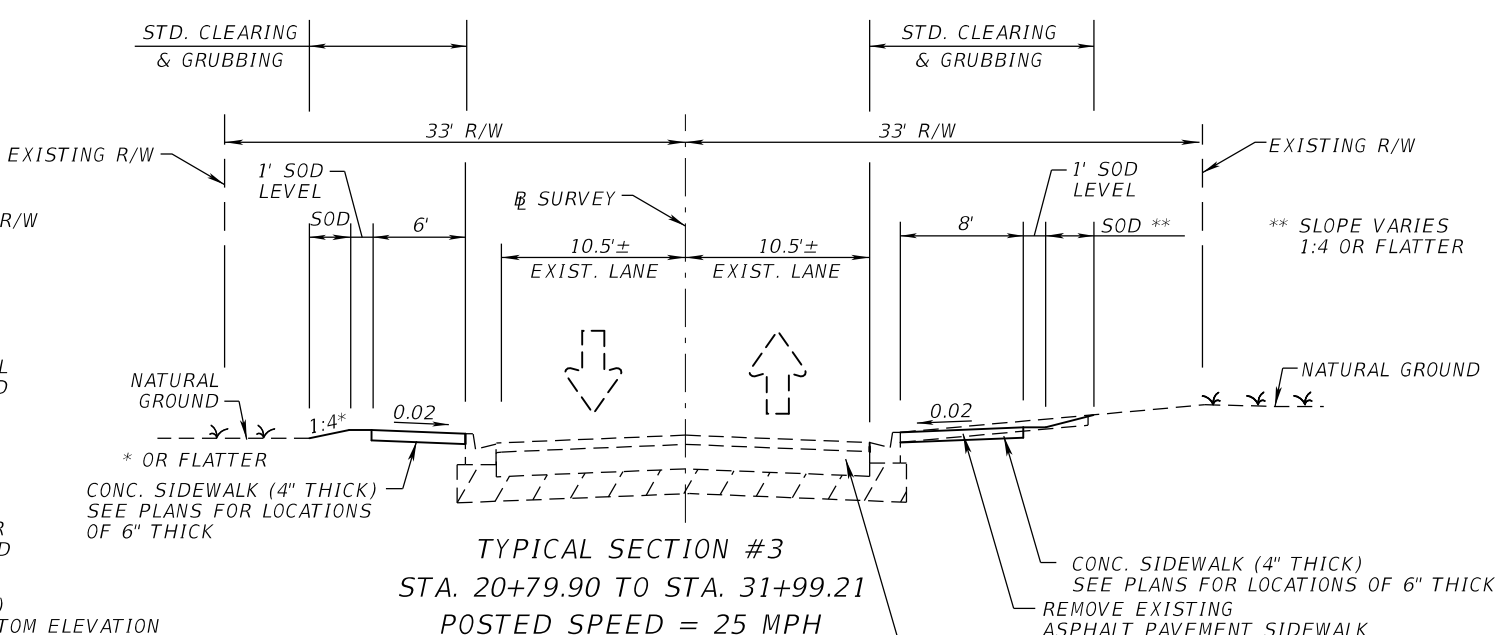


DERBYSHIRE ROAD						
Point	North	East	Elevation	Station	Offset	Description
TBM-19	1565523.91'	548688.09'	91.20'	130+77.70	14.21'	SET MAG N&D "ATKINS TRAV.PT."
TBM-21	1565519.58'	547935.32'	92.64'	123+24.92	14.52'	SET MAG N&D "ATKINS TRAV.PT."
TBM-35	1565559.37'	547097.58'	92.57'	114+87.41	-29.75'	SET MAG N&D "ATKINS TRAV.PT."
TBM-37	1565559.69'	548391.08'	92.37'	127+80.89	-23.16'	SET MAG N&D "ATKINS TRAV.PT." 11896403
TBM-38	1565509.20'	547518.45'	93.12'	119+08.00	22.67'	SET MAG N&D "ATKINS TRAV.PT." 11896405
TBM-39	1565513.93'	546803.11'	92.40'	111+92.75	14.66'	SET MAG N&D "ATKINS TRAV.PT." 11896407
TBM-40	1565545.36'	546494.74'	92.61'	108+84.44	-17.41'	SET MAG N&D "ATKINS TRAV.PT." 11896408
TBM-41	1565512.80'	546228.06'	93.25'	106+17.69	14.60'	SET MAG N&D "ATKINS TRAV.PT." 11896409
TBM-42	1565546.74'	545912.24'	94.70'	103+01.94	-19.98'	SET MAG N&D "ATKINS TRAV.PT." 11896410

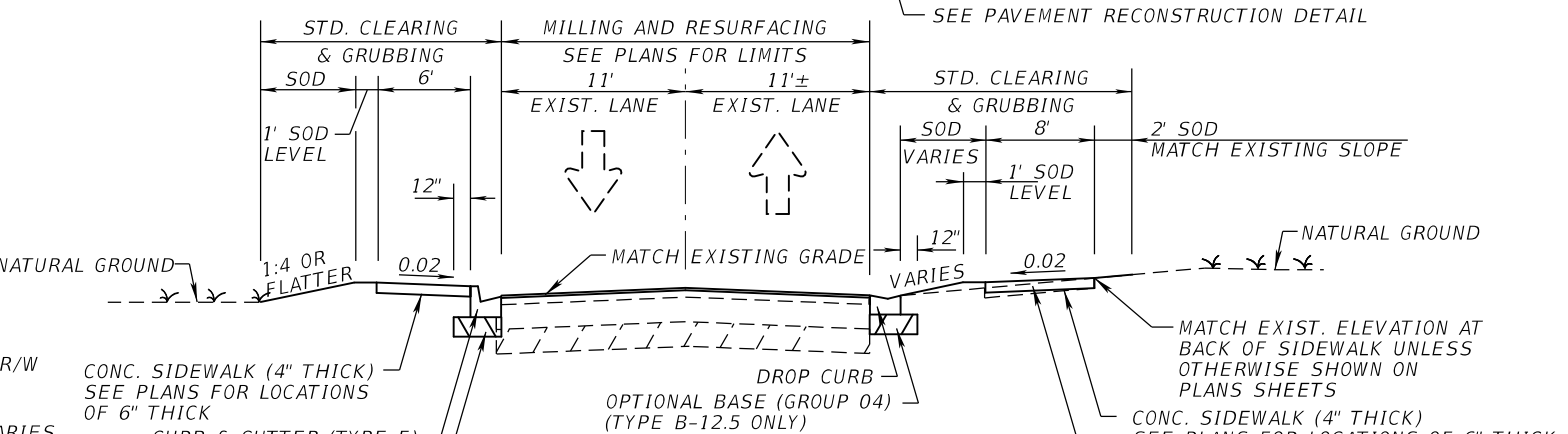
REVISIONS				ATKINS <small>Matthew A. Taylor, P.E. P.E.# 56985 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24</small>	SEMINOLE COUNTY ENGINEERING DIVISION		PROJECT LAYOUT DERBYSHIRE ROAD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
					OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094		15



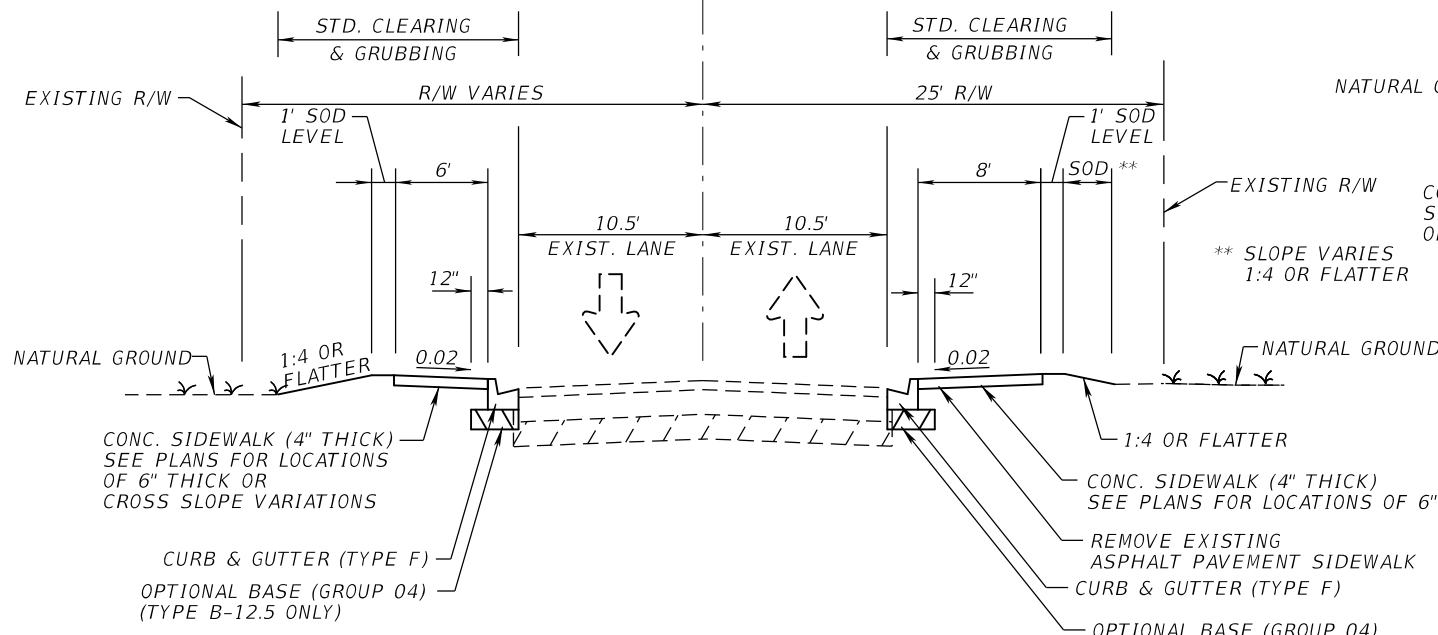
TYPICAL SECTION #1
 STA. 10+49.27 TO STA. 19+59.81
 POSTED SPEED = 25 MPH



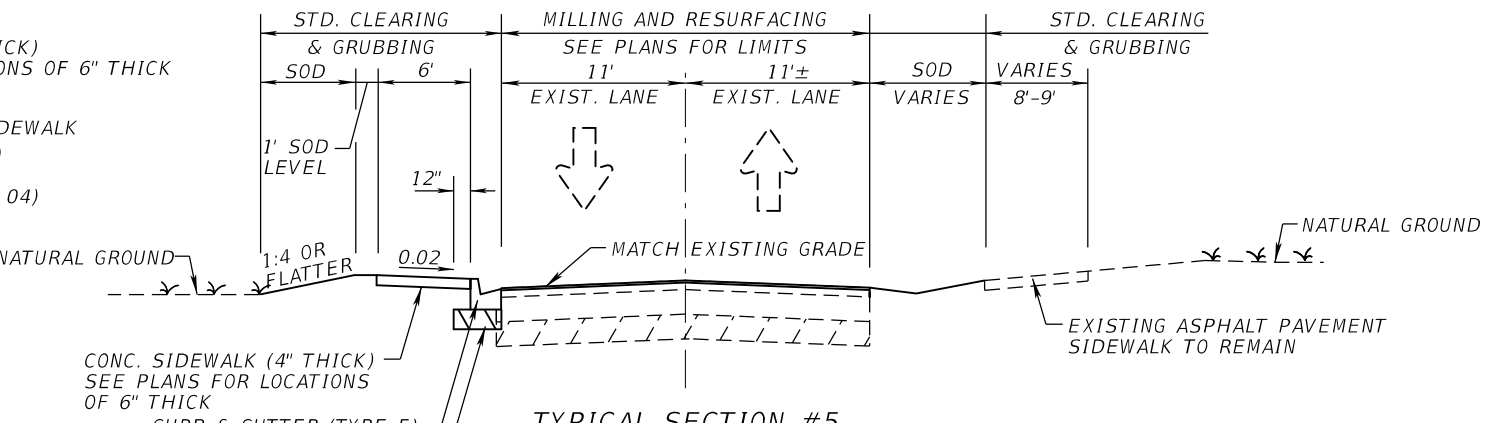
TYPICAL SECTION #3
 STA. 20+79.90 TO STA. 31+99.21
 POSTED SPEED = 25 MPH



TYPICAL SECTION #4
 STA. 31+99.21 TO STA. 34+84.04
 POSTED SPEED = 25 MPH
 MILL EXISTING ASPHALT PAV'T (1.5" DEPTH)
 TYPE SP-12.5 (TRAFFIC C) (1.5")



TYPICAL SECTION #2
 STA. 19+59.81 TO STA. 20+79.90
 POSTED SPEED = 25 MPH



TYPICAL SECTION #5
 STA. 34+84.04 TO STA. 36+40.00
 POSTED SPEED = 25 MPH
 MILL EXISTING ASPHALT PAV'T (1.5" DEPTH)
 TYPE SP-12.5 (TRAFFIC C) (1.5")

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

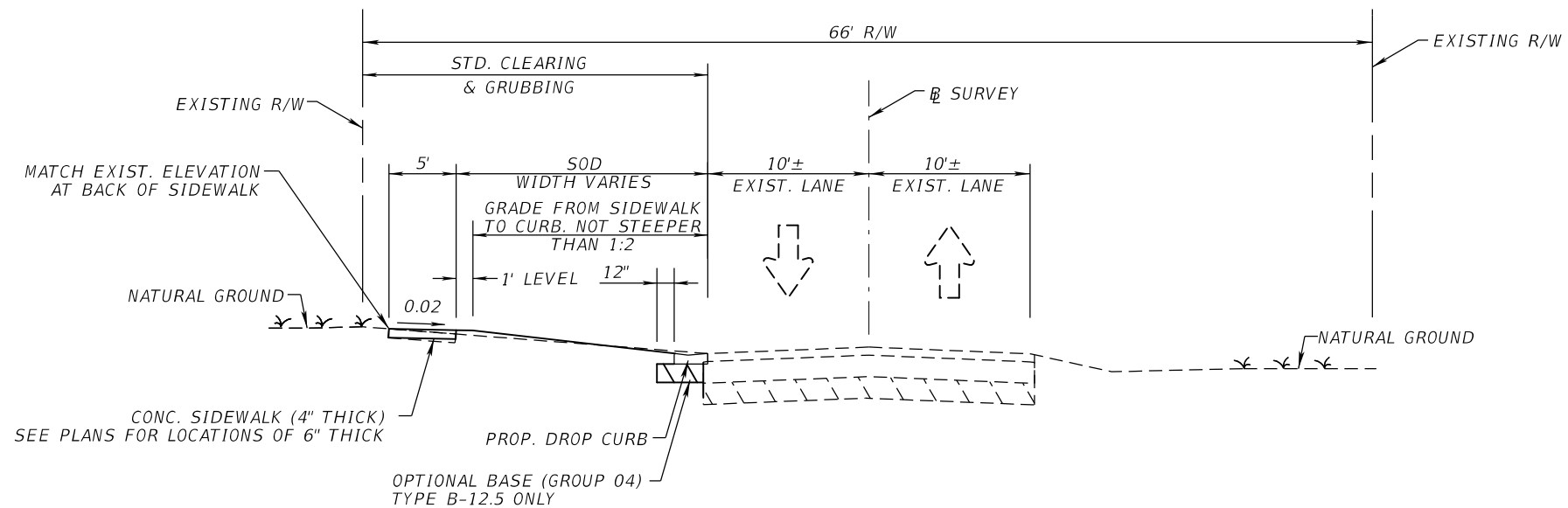
ATKINS
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SEMINOLE COUNTY
 ENGINEERING DIVISION

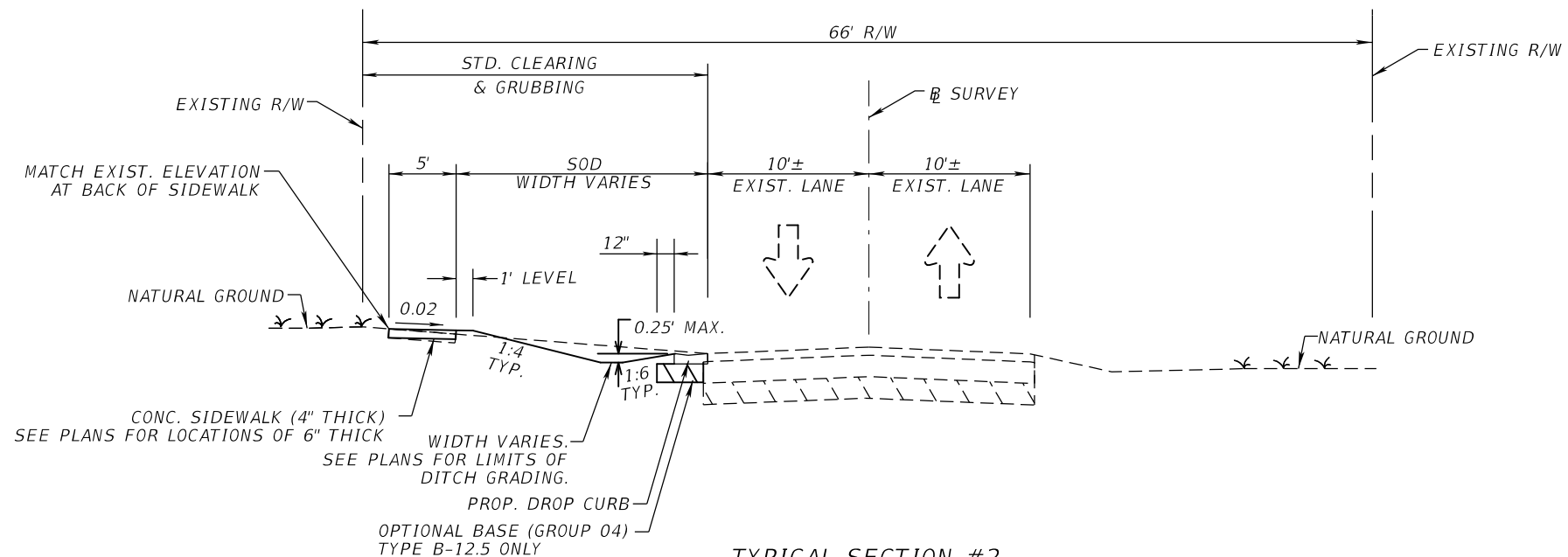
ROAD COUNTY CIP No.
 OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS 02107094

TYPICAL SECTIONS (1)
OXFORD RD

SHEET NO.
 16



TYPICAL SECTION #1
 STA. 100+00.35 TO 113+00.00
 POSTED SPEED = 25 MPH



TYPICAL SECTION #2
 STA. 113+00.00 TO 132+03.86
 POSTED SPEED = 25 MPH

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION


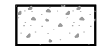
ATKINS
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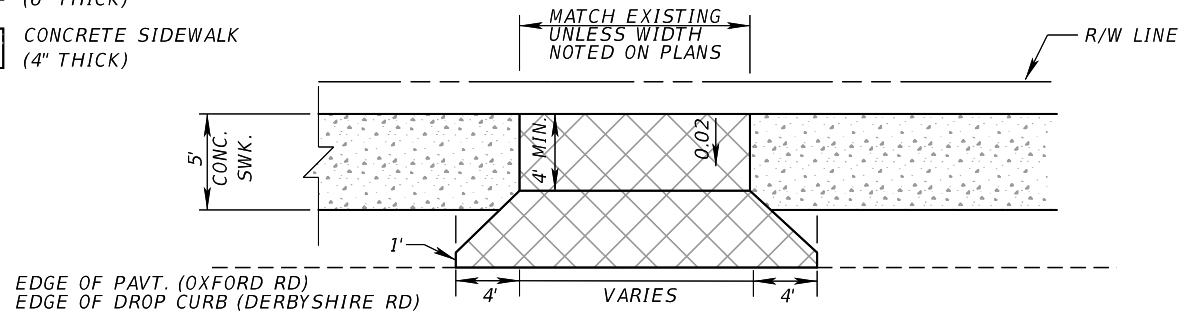
SEMINOLE COUNTY ENGINEERING DIVISION	
ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

TYPICAL SECTIONS (2)
 DERBYSHIRE RD

SHEET NO.
 17

LEGEND

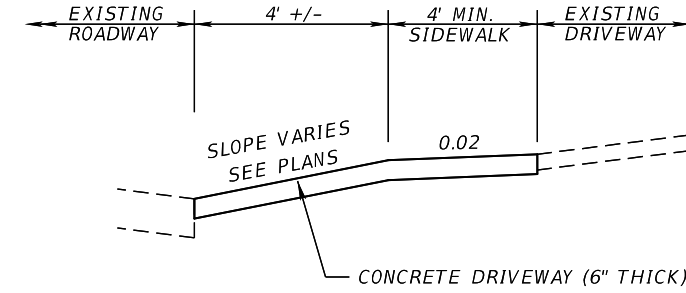
-  CONCRETE DRIVEWAY AND SIDEWALK (6" THICK)
-  CONCRETE SIDEWALK (4" THICK)



TYPICAL CONCRETE DRIVEWAY DETAIL PLAN

DRIVEWAY NOTES:

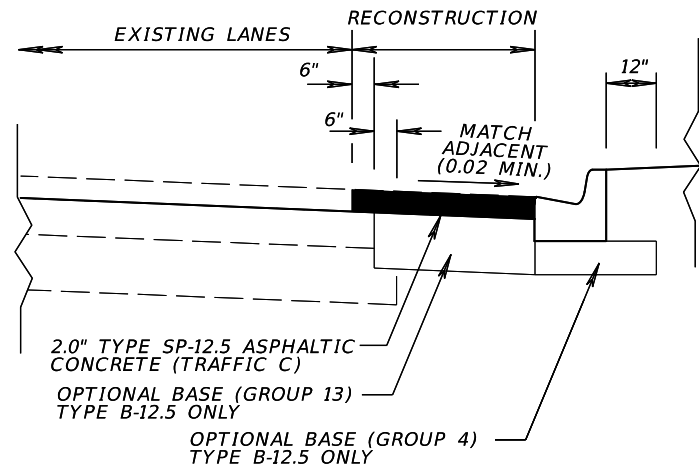
1. THE CONTRACTOR SHALL SAW CUT AND REMOVE ANY ASPHALT APRON THAT IS WITHIN THE LIMITS OF THE NEW CONCRETE DRIVEWAY.
2. THE CONTRACTOR SHALL SOD ANY AREA NOT COVERED BY CONCRETE.
3. DRIVEWAYS AT CURBED LOCATIONS ON OXFORD RD SHALL BE CONSISTENT WITH FDOT STANDARD PLANS 522-003.
4. EXISTING PAVER DRIVEWAYS SHALL BE RECONSTRUCTED WITH CONCRETE BETWEEN EDGE OF PAVEMENT AND BACK OF SIDEWALK. DRIVEWAY BACKSLOPE MAY BE CONSTRUCTED WITH PAVERS BEHIND SIDEWALK. COORDINATE WITH HOMEOWNER REGARDING DRIVEWAY BACKSLOPE AND REMOVED PAVERS.



TYPICAL DRIVEWAY SECTION

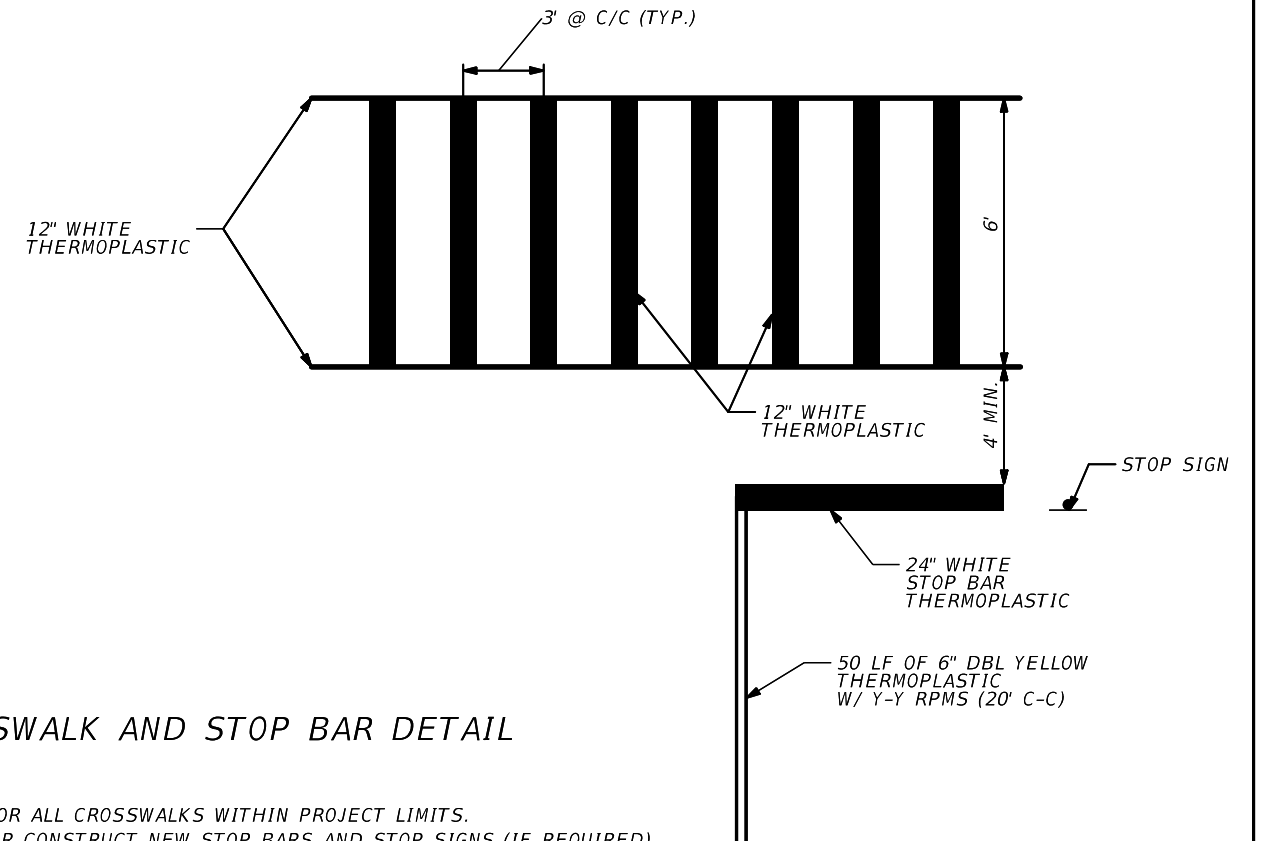
DRIVEWAY NOTES:

1. SEE CROSS SECTIONS FOR DRIVEWAY SLOPES.
2. DRIVEWAYS AT CURBED LOCATIONS ON OXFORD RD SHALL BE CONSISTENT WITH FDOT STANDARD PLANS 522-003.



DETAIL

PAVEMENT RECONSTRUCTION

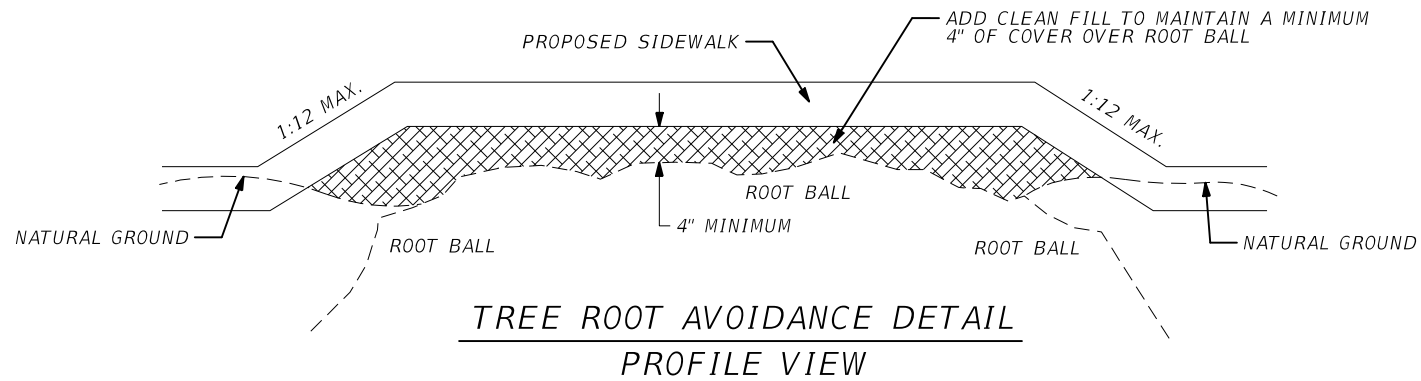


CROSSWALK AND STOP BAR DETAIL

NOTES:

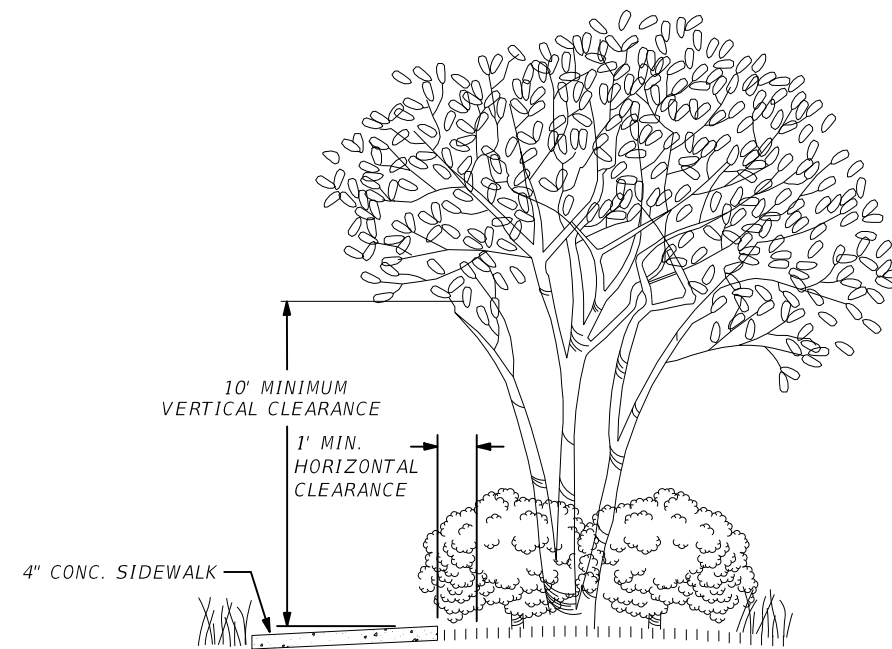
TYPICAL FOR ALL CROSSWALKS WITHIN PROJECT LIMITS.
REPAINT OR CONSTRUCT NEW STOP BARS AND STOP SIGNS (IF REQUIRED)
AT ALL INTERSECTIONS WITHIN THIS PROJECT.

REVISIONS				<p>ATKINS</p> <p>Matthew A. Taylor, P.E. P.E.# 56985 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24</p>	SEMINOLE COUNTY ENGINEERING DIVISION		<p>SPECIAL DETAILS</p>	<p>SHEET NO.</p> <p>18</p>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
				OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094			



**TREE ROOT AVOIDANCE DETAIL
PROFILE VIEW**

1. FOR USE IN AREAS WHERE TREE ROOTS INTERFERE WITH EXCAVATION.
2. ALL COSTS OF ADDITIONAL EARTHWORK AND SOD SHALL BE INCIDENTAL TO THE COST OF THE SIDEWALK.
3. IF TREE ROOT CUTTING IS NECESSARY, CUT ROOTS CLEANLY, NO CLOSER THAN THREE TIMES THE DIAMETER OF THE TREE AND PRUNE OFF ANY JAGGED ENDS OF CUT ROOTS. (i.e. IF TREE TRUNK IS 20" IN DIAMETER, THEN CUT THE ROOTS FURTHER THAN 60" FROM THE BASE OF THE TREE)
4. LEAVE ROOTS EXPOSED FOR 24 HOURS TO ALLOW AIR TO "HARDEN" REMAINING ROOTS. AFTER 24 HOURS, PROVIDE A LAYER OF VISQUEEN BETWEEN CUT ROOT, BACKFILL AND WATER-IN THOROUGHLY. FERTILIZE IN 7-10 DAYS WITH A COMPOUND WHICH IS RECOMMENDED FOR AIDING IN ROOT RECOVERY, LOW IN NITROGEN AND HIGH IN PHOSPHORUS AND POTASSIUM.
5. ALL TREES THAT ARE ROOT PRUNED SHALL BE WATERED DAILY FOR 30 DAYS FOLLOWING THE "HARDENING" STAGE.
6. ANY ADDITIONAL QUESTIONS CONCERNING ROOT CUTS CAN BE ANSWERED BY THE COUNTY LANDSCAPE COORDINATOR, BILL PANDOS, AT (407) 665-2176.
7. USE VISQUEEN WITH "P" AGGREGATE ROCK (AS NEEDED) AROUND ROOTS TO PROTECT THE ROOTS WHEN POURING CONCRETE.
8. THE COSTS FOR ALL MATERIALS AND LABOR DETAILED ON THIS SHEET ARE INCLUDED IN THE PRICE BID FOR CLEARING & GRUBBING, UNLESS SPECIFICALLY NOTED ELSEWHERE.







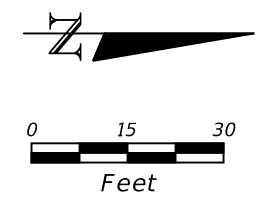
TREE SIDEWALK DETAIL

NOTE: THE CONTRACTOR SHALL TRIM ALL BUSHES AND TREES TO MAINTAIN AT LEAST A MINIMUM 10 FEET VERTICAL CLEARANCE AND ONE FOOT HORIZONTAL CLEARANCE.

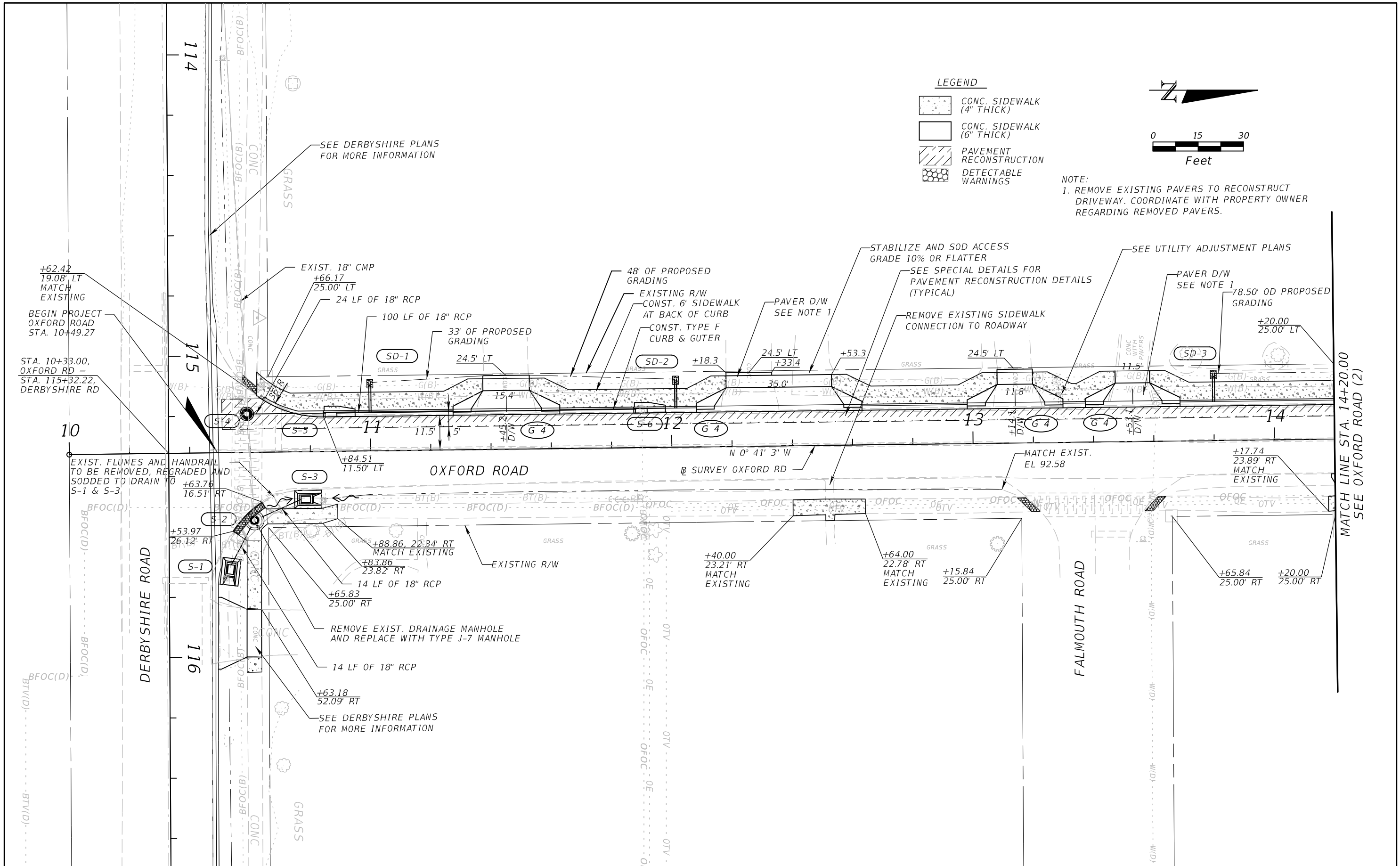
REVISIONS				ATKINS <small>Matthew A. Taylor, P.E. P.E.# 56985 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24</small>	SEMINOLE COUNTY ENGINEERING DIVISION		TREE AND ROOT DETAILS	SHEET NO. 19
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
					OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094		

LEGEND

-  CONC. SIDEWALK (4" THICK)
-  CONC. SIDEWALK (6" THICK)
-  PAVEMENT RECONSTRUCTION
-  DETECTABLE WARNINGS



NOTE:
1. REMOVE EXISTING PAVERS TO RECONSTRUCT DRIVEWAY. COORDINATE WITH PROPERTY OWNER REGARDING REMOVED PAVERS.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS

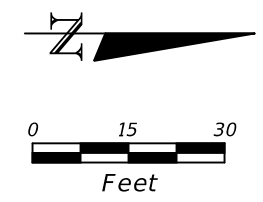
Matthew A. Taylor, P.E. P.E.# 56985
482 South Keller Road Orlando, FL 32810
(407) 647-7275 www.atkinsglobal.com
Certificate of Authorization No. 24

**SEMINOLE COUNTY
ENGINEERING DIVISION**

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**SIDEWALK PLAN
OXFORD ROAD (1)**

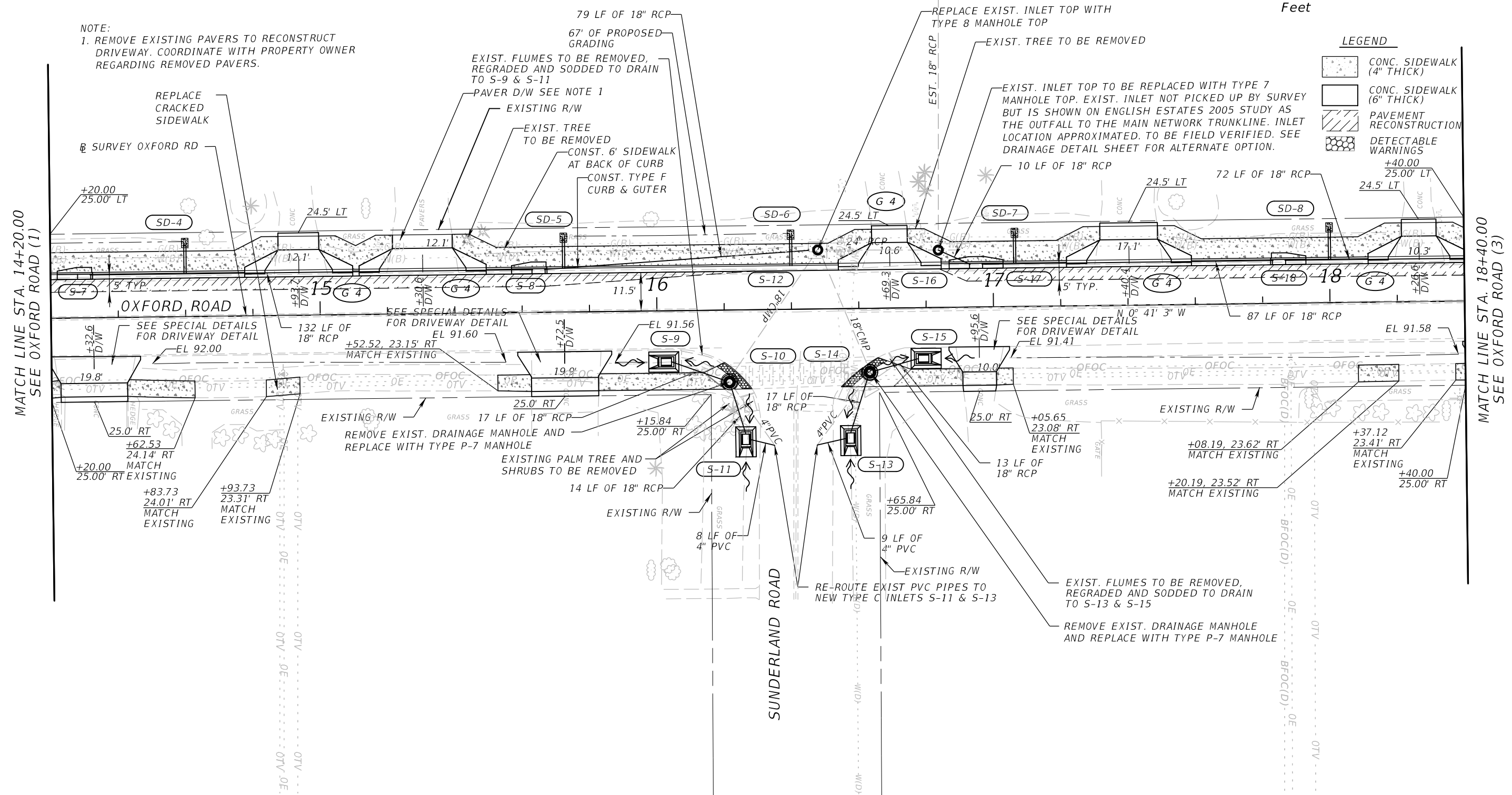
SHEET NO.
20



NOTE:
1. REMOVE EXISTING PAVERS TO RECONSTRUCT DRIVEWAY. COORDINATE WITH PROPERTY OWNER REGARDING REMOVED PAVERS.





LEGEND

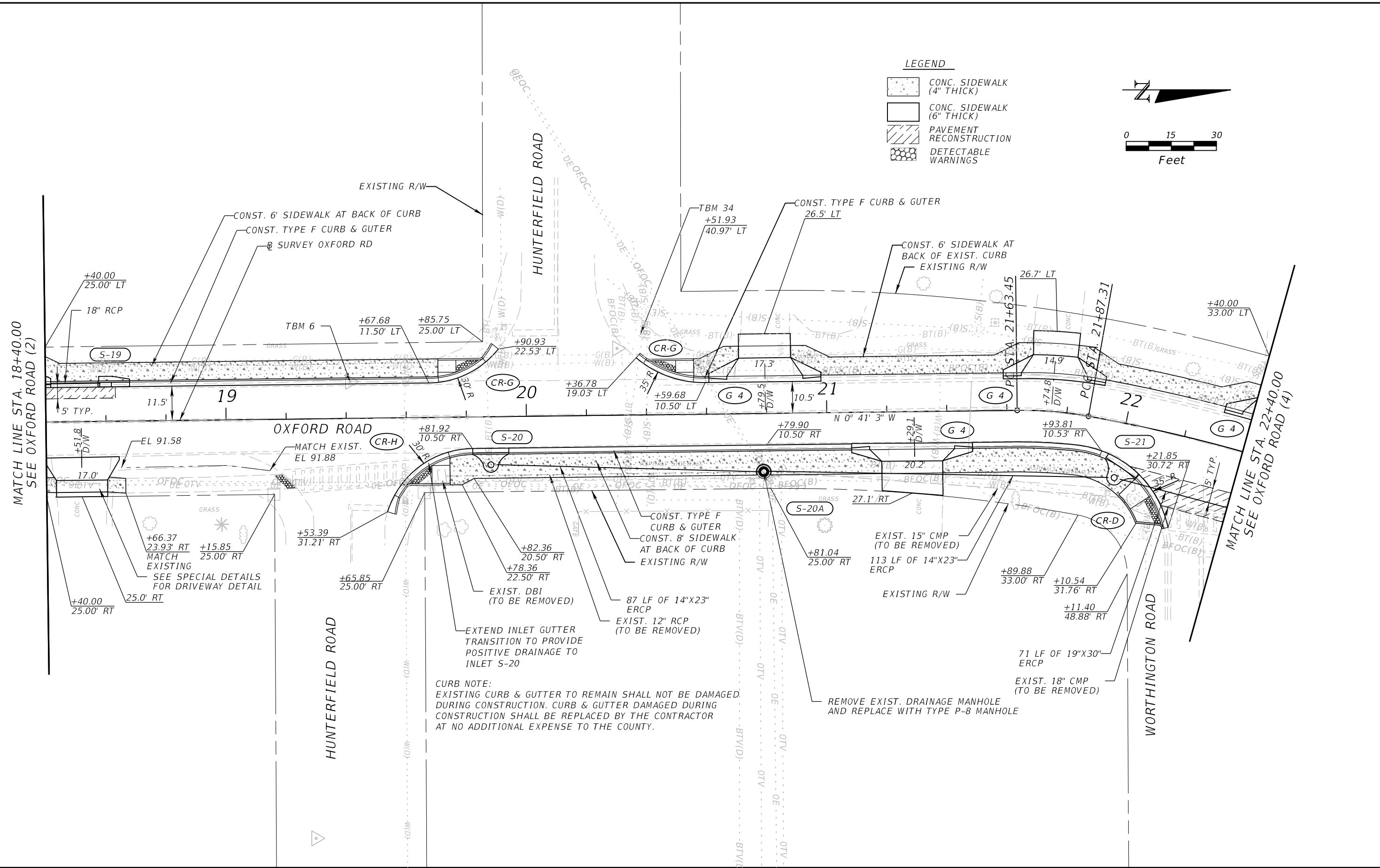
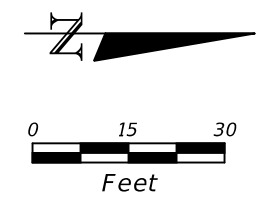
	CONC. SIDEWALK (4" THICK)
	CONC. SIDEWALK (6" THICK)
	PAVEMENT RECONSTRUCTION
	DETECTABLE WARNINGS



REVISIONS		DATE	DESCRIPTION	<p>ATKINS Matthew A. Taylor, P.E. P.E.# 56985 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24</p>	SEMINOLE COUNTY ENGINEERING DIVISION		<p>SIDEWALK PLAN OXFORD ROAD (2)</p>	<p>SHEET NO. 21</p>
DATE	DESCRIPTION				ROAD	COUNTY CIP No.		
					OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094		

LEGEND

-  CONC. SIDEWALK (4" THICK)
-  CONC. SIDEWALK (6" THICK)
-  PAVEMENT RECONSTRUCTION
-  DETECTABLE WARNINGS



CURB NOTE:
 EXISTING CURB & GUTTER TO REMAIN SHALL NOT BE DAMAGED DURING CONSTRUCTION. CURB & GUTTER DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE COUNTY.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS

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 482 South Keller Road Orlando, FL 32810
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**SEMINOLE COUNTY
 ENGINEERING DIVISION**

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094





**SIDEWALK PLAN
 OXFORD ROAD (3)**

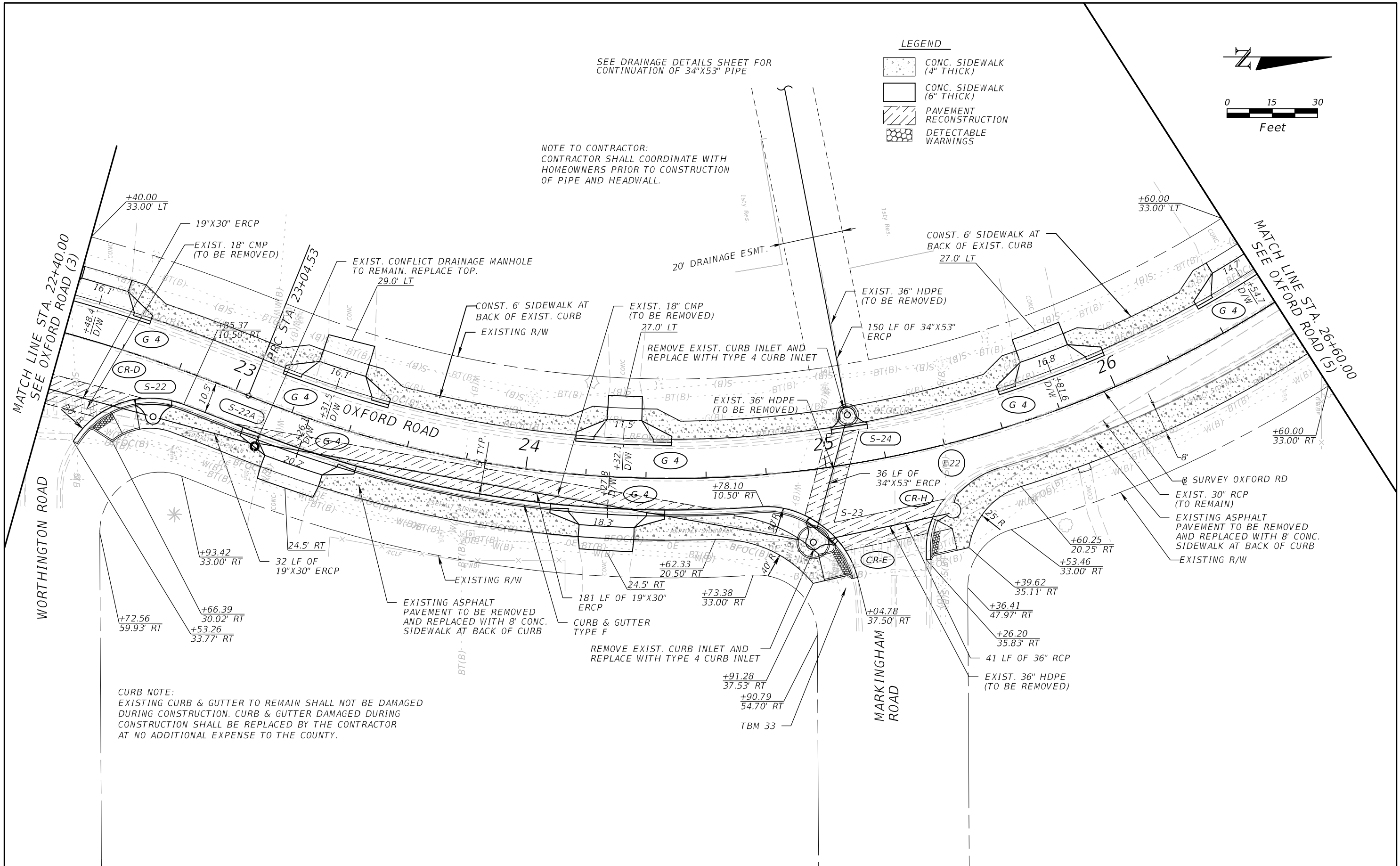
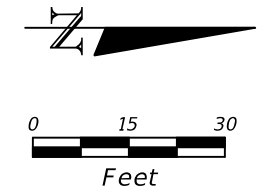
SHEET NO.
22

SEE DRAINAGE DETAILS SHEET FOR CONTINUATION OF 34"X53" PIPE

NOTE TO CONTRACTOR:
CONTRACTOR SHALL COORDINATE WITH HOMEOWNERS PRIOR TO CONSTRUCTION OF PIPE AND HEADWALL.

LEGEND

-  CONC. SIDEWALK (4" THICK)
-  CONC. SIDEWALK (6" THICK)
-  PAVEMENT RECONSTRUCTION
-  DETECTABLE WARNINGS



CURB NOTE:
EXISTING CURB & GUTTER TO REMAIN SHALL NOT BE DAMAGED DURING CONSTRUCTION. CURB & GUTTER DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE COUNTY.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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
SEMINOLE COUNTY
ENGINEERING DIVISION

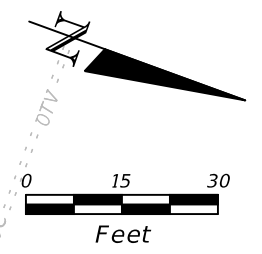
ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

SIDEWALK PLAN
OXFORD ROAD (4)

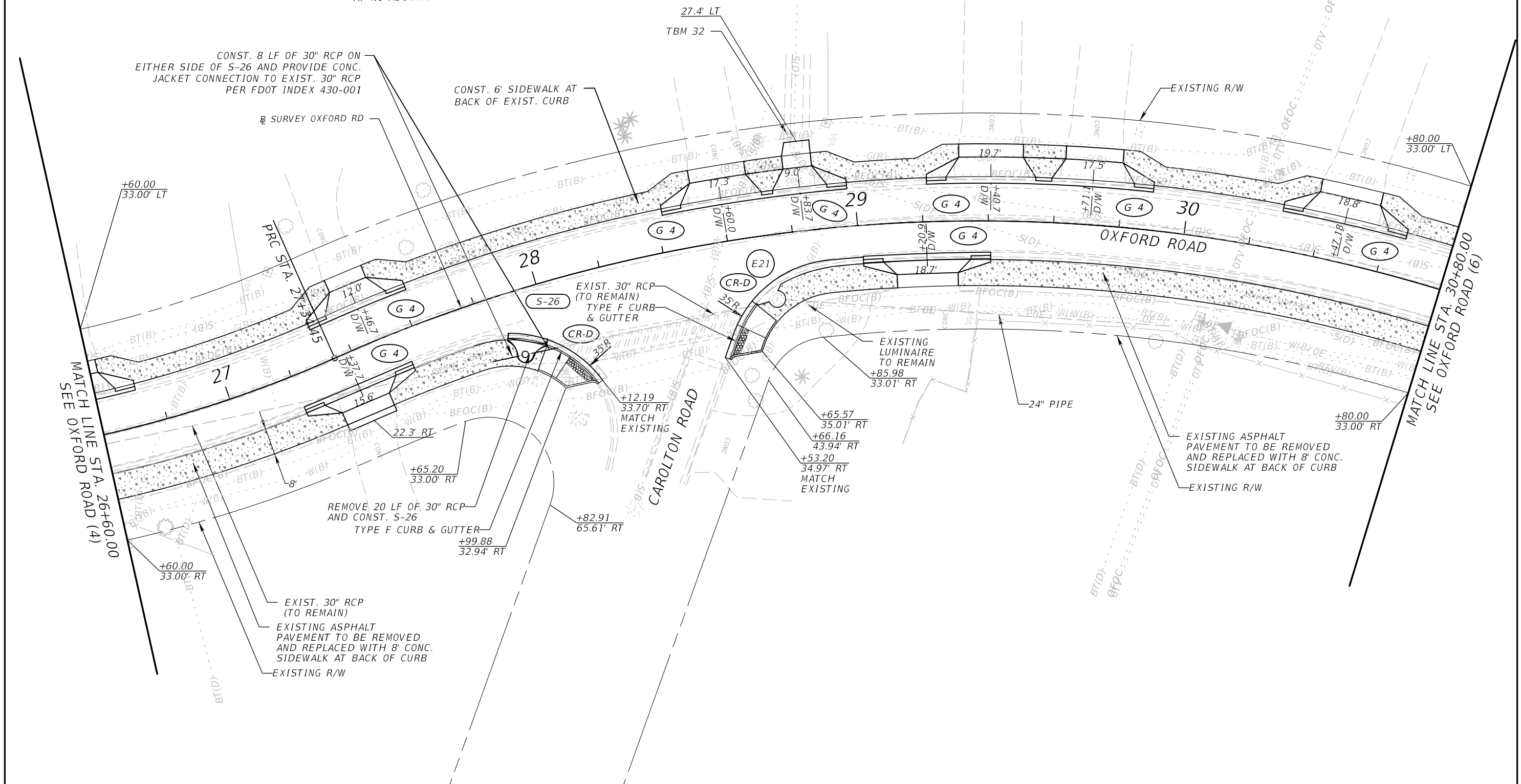
SHEET NO.	23
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LEGEND

-  CONC. SIDEWALK (4" THICK)
-  CONC. SIDEWALK (6" THICK)
-  DETECTABLE WARNINGS








CURB NOTE:
 EXISTING CURB & GUTTER TO REMAIN SHALL NOT BE DAMAGED DURING CONSTRUCTION. CURB & GUTTER DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE COUNTY.

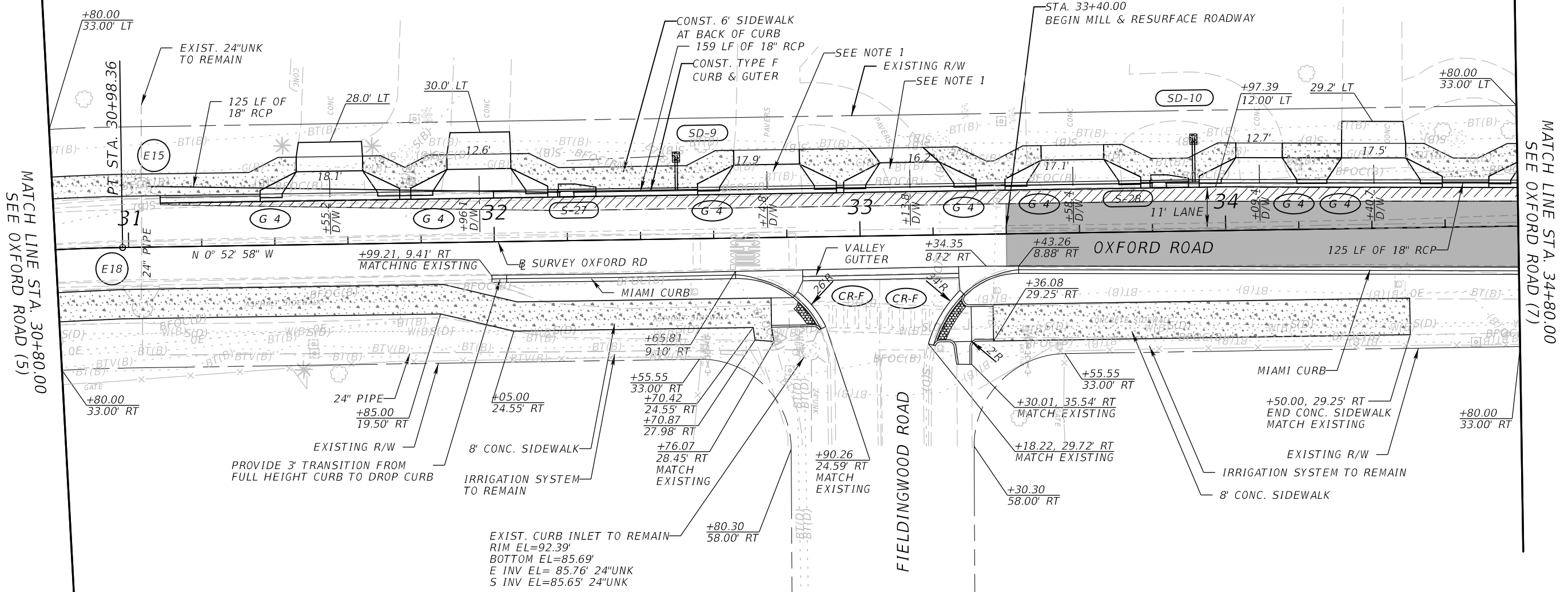
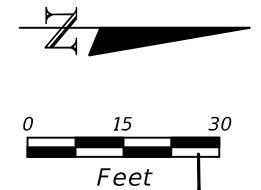


REVISIONS				ATKINS	SEMINOLE COUNTY ENGINEERING DIVISION		SIDEWALK PLAN OXFORD ROAD (5)	SHEET NO. 24
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
				Matthew A. Taylor, P.E. P.E.# 56985 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24	OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094		

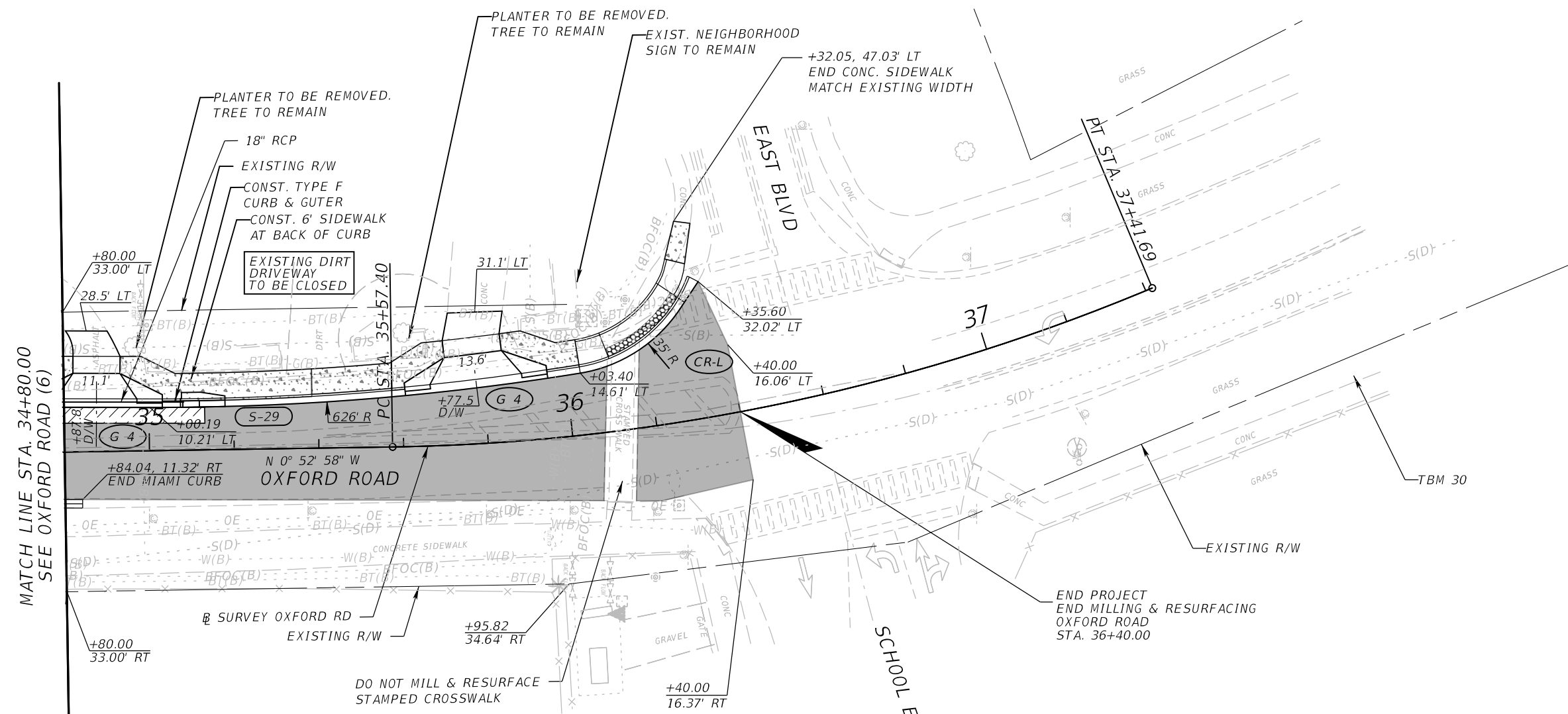
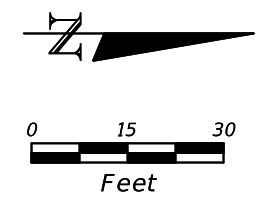
NOTE:
 1. REMOVE EXISTING PAVERS TO RECONSTRUCT DRIVEWAY. COORDINATE WITH PROPERTY OWNER REGARDING REMOVED PAVERS.

LEGEND

-  CONC. SIDEWALK (4" THICK)
-  CONC. SIDEWALK (6" THICK)
-  PAVEMENT RECONSTRUCTION
-  MILLING & RESURFACING
-  DETECTABLE WARNINGS



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
				OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094			



LEGEND

	CONC. SIDEWALK (4" THICK)		MILLING & RESURFACING
	CONC. SIDEWALK (6" THICK)		DETECTABLE WARNINGS
	PAVEMENT RECONSTRUCTION		

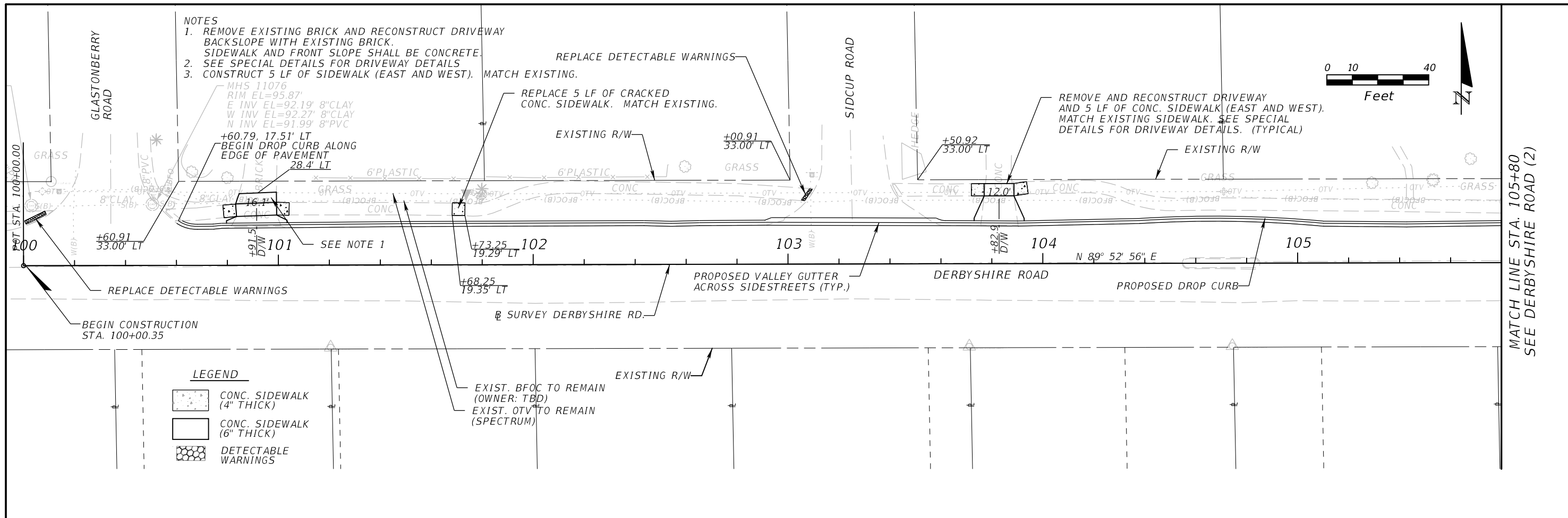
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS

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 (407) 647-7275 www.atkinsglobal.com
 Certificate of Authorization No. 24

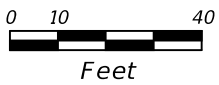
SEMINOLE COUNTY ENGINEERING DIVISION	
ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

SIDEWALK PLAN	
OXFORD ROAD (7)	
SHEET NO.	
26	



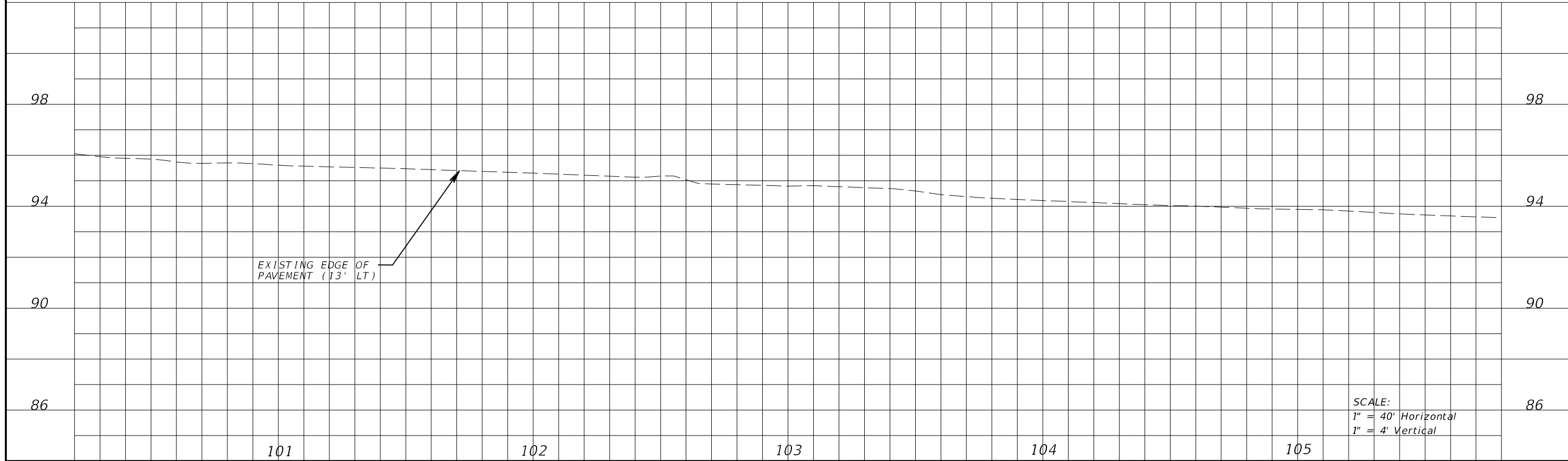
NOTES

1. REMOVE EXISTING BRICK AND RECONSTRUCT DRIVEWAY BACKSLOPE WITH EXISTING BRICK. SIDEWALK AND FRONT SLOPE SHALL BE CONCRETE.
2. SEE SPECIAL DETAILS FOR DRIVEWAY DETAILS
3. CONSTRUCT 5 LF OF SIDEWALK (EAST AND WEST).



LEGEND

- CONC. SIDEWALK (4" THICK)
- CONC. SIDEWALK (6" THICK)
- DETECTABLE WARNINGS



SCALE:
1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS

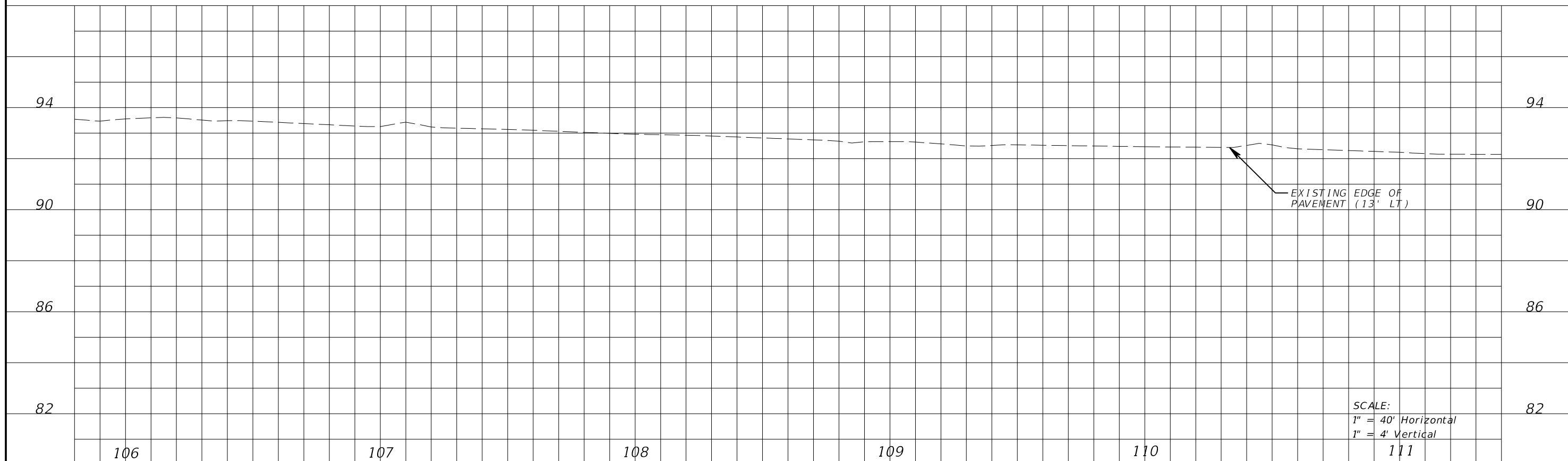
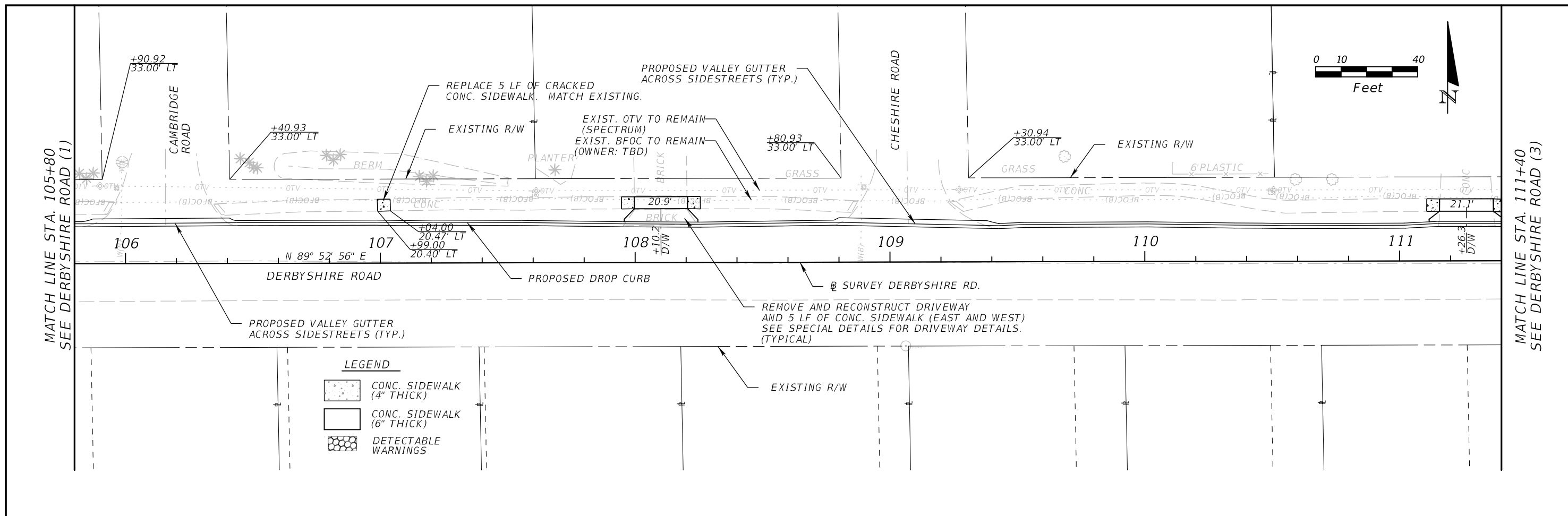
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ENGINEERING DIVISION

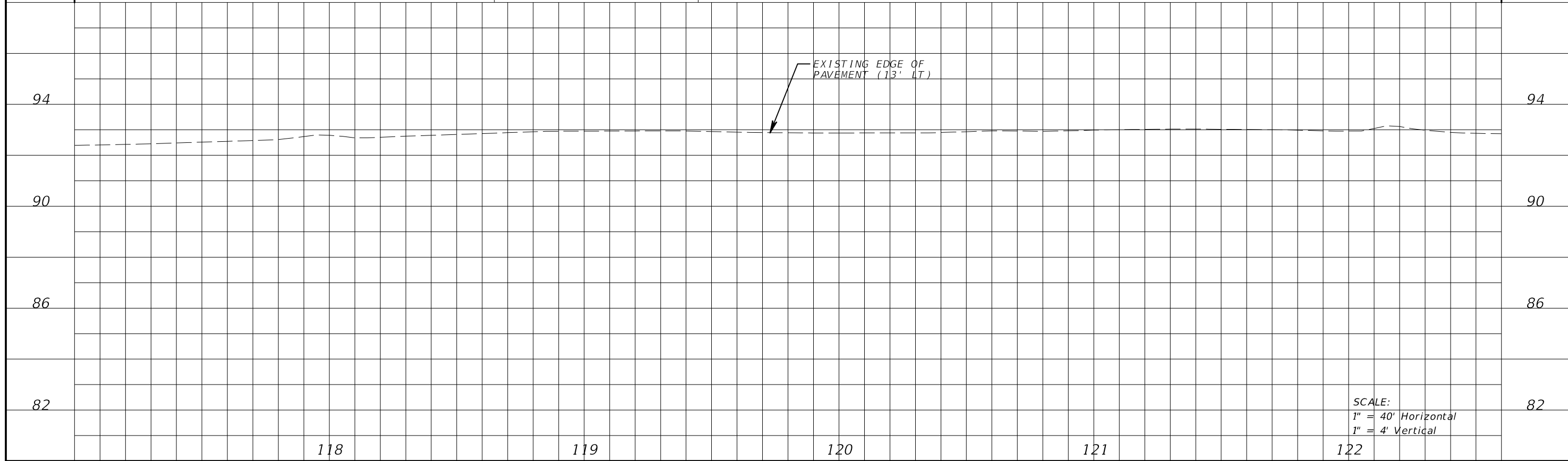
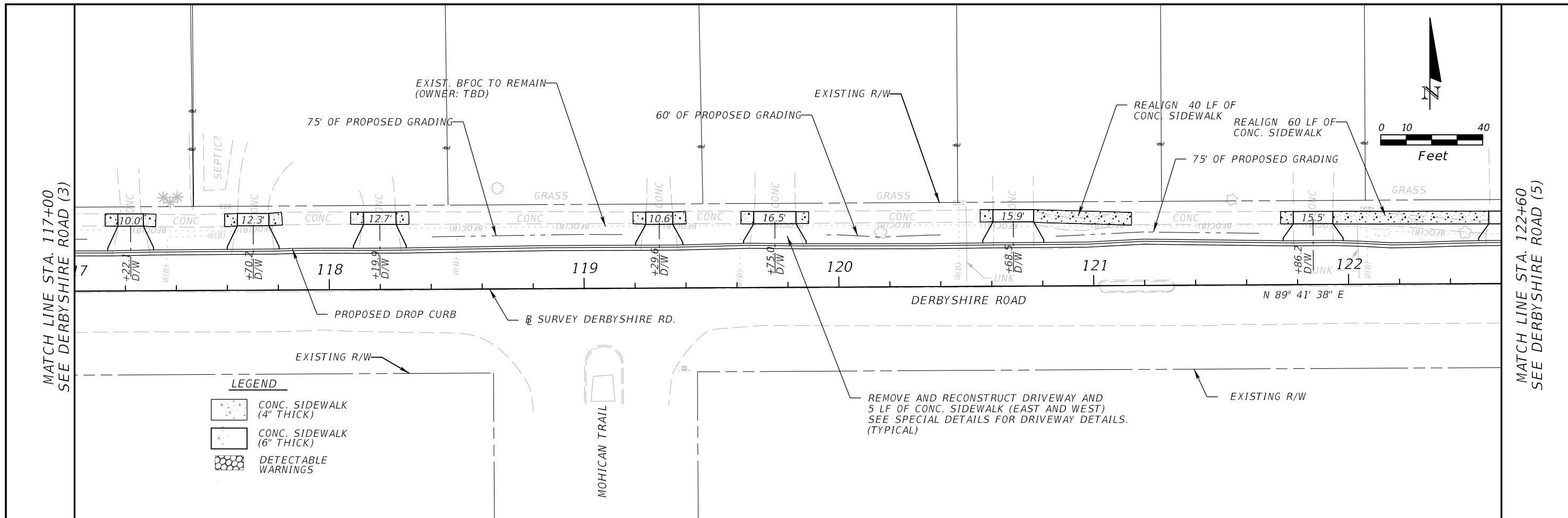
ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

SIDEWALK PLAN
DERBYSHIRE ROAD (1)

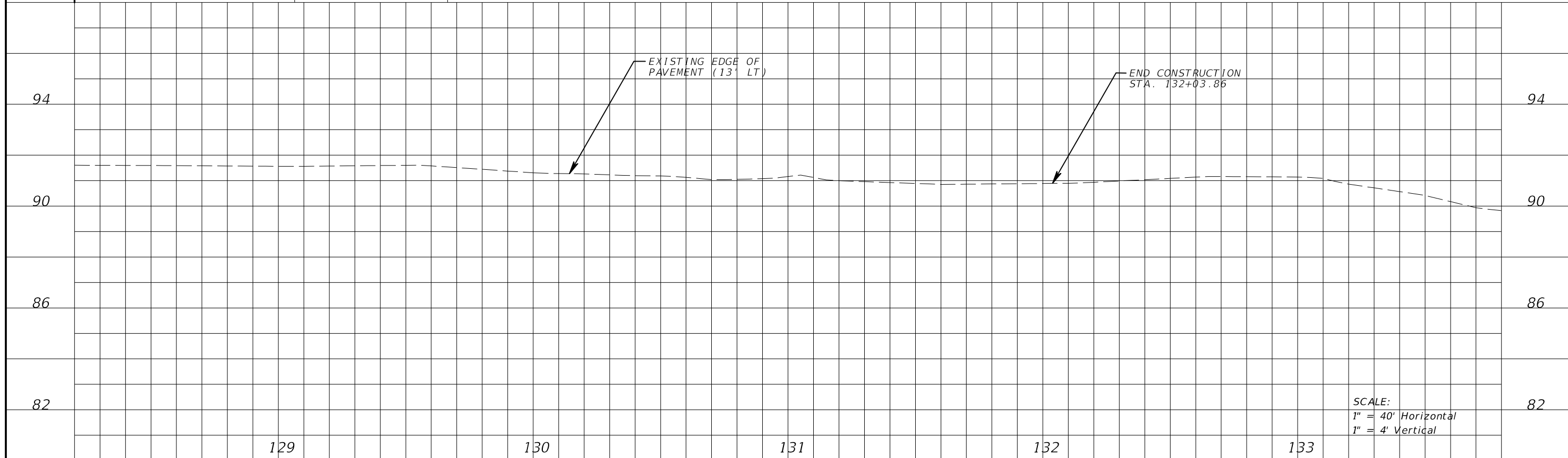
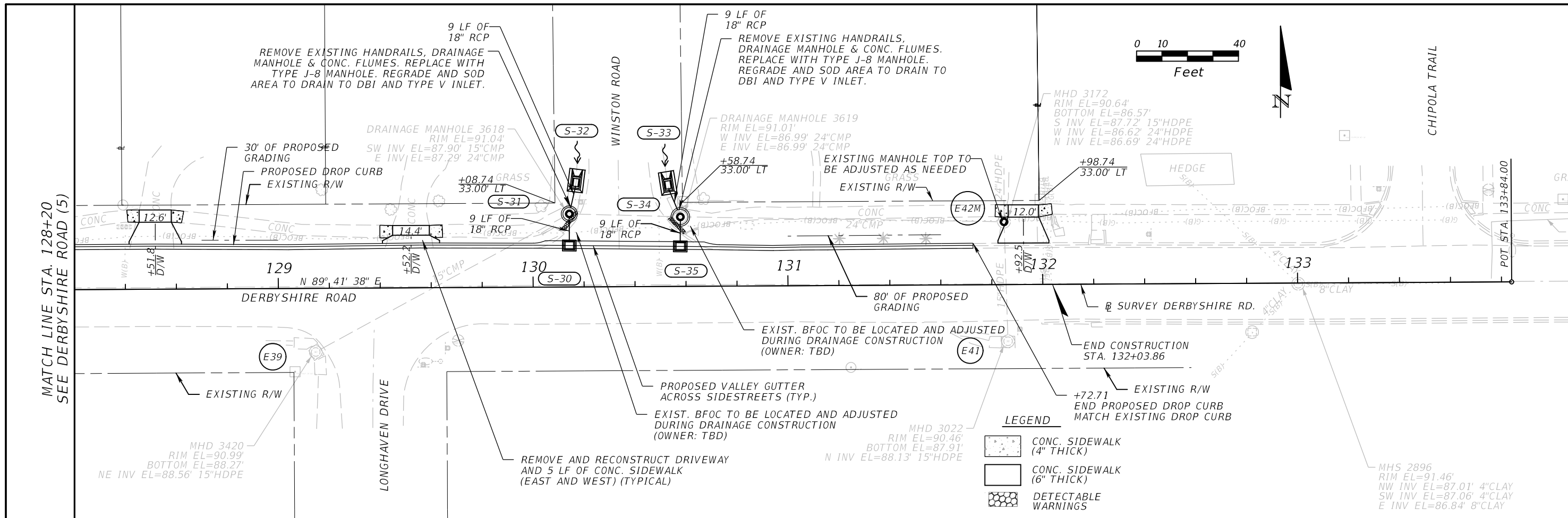
SHEET NO.
27



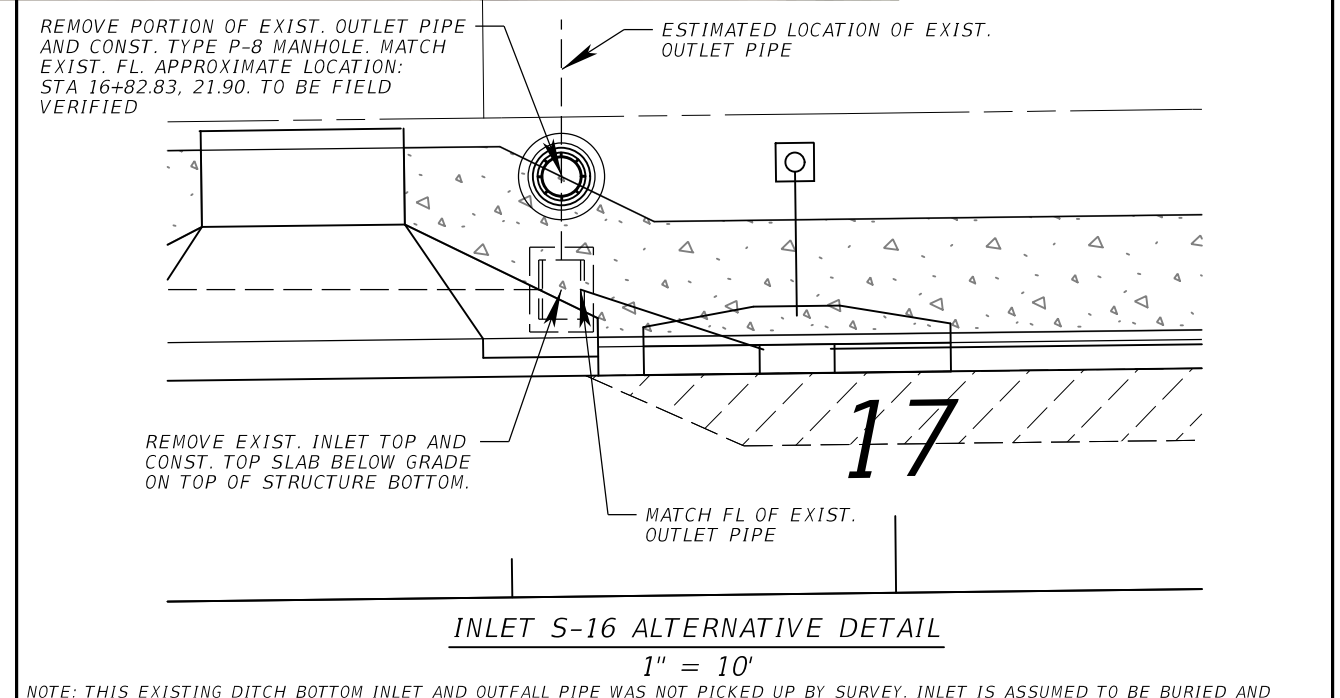
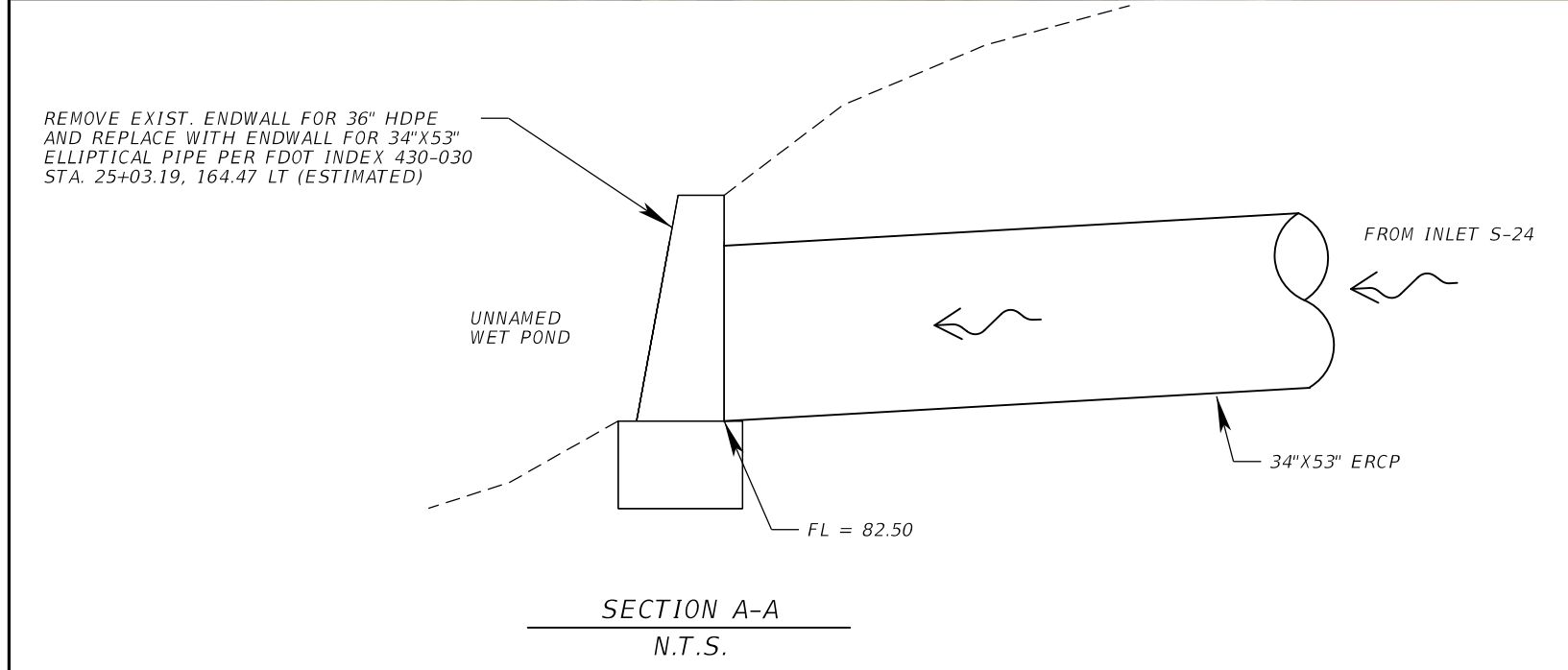
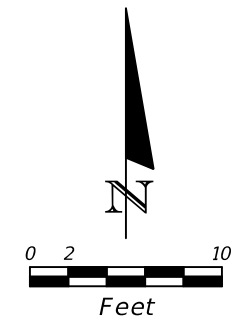
REVISIONS				ATKINS <small>Matthew A. Taylor, P.E. P.E.# 56985 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24</small>	SEMINOLE COUNTY ENGINEERING DIVISION		SIDEWALK PLAN DERBYSHIRE ROAD (2)	SHEET NO. 28
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
					OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094		



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
					OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094		



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
					OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094		



NOTE: THIS EXISTING DITCH BOTTOM INLET AND OUTFALL PIPE WAS NOT PICKED UP BY SURVEY. INLET IS ASSUMED TO BE BURIED AND WILL NEED TO BE EXCAVATED AND LOCATED BY THE CONTRACTOR. THE PREFERRED CONSTRUCTION ALTERNATIVE IS SHOWN IN THE ROADWAY PLANS AND DRAINAGE STRUCTURE SECTIONS AS BEING REPLACED WITH PROPOSED S-16 MANHOLE TOP. PROPOSED S-16 IS SHOWN IN THE ROADWAY PLANS AT THE ASSUMED INLET LOCATION BASED ON THE SURVEYED 24" PIPE. IF THE EXISTING INLET IS INSTEAD FOUND TO BE LOCATED WITHIN THE PROPOSED DRIVEWAY RAMP, AS SHOWN IN THIS DETAIL, THEN THE ALTERNATIVE DESIGN OPTION SHOWN ON THIS SHEET IS TO BE CONSTRUCTED.

REMOVE EXIST. ENDWALL FOR 36" HDPE AND REPLACE WITH ENDWALL FOR 34"X53" ELLIPTICAL PIPE PER FDOT INDEX 430-030 STA. 25+03.19, 164.47 LT (ESTIMATED)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

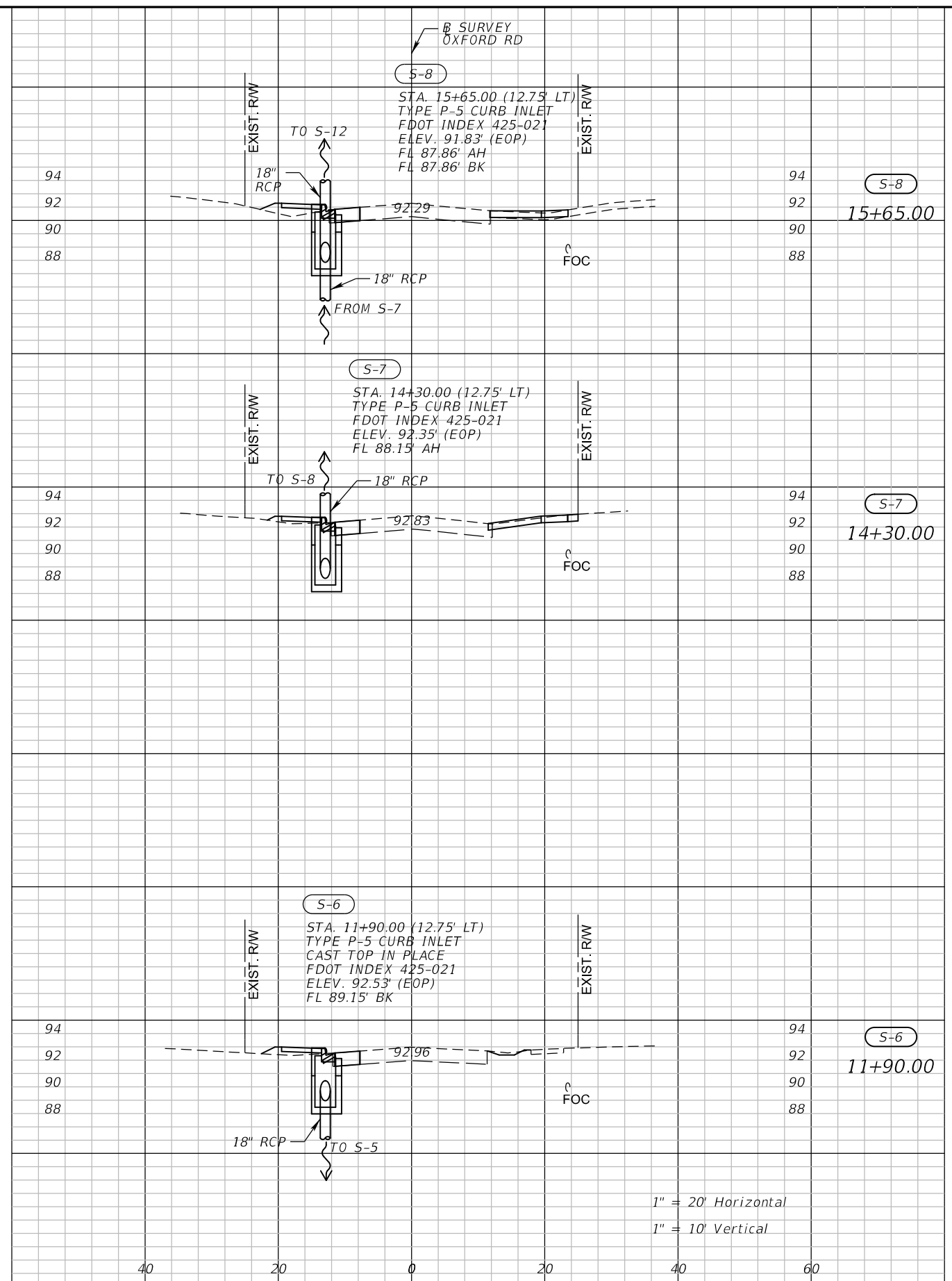
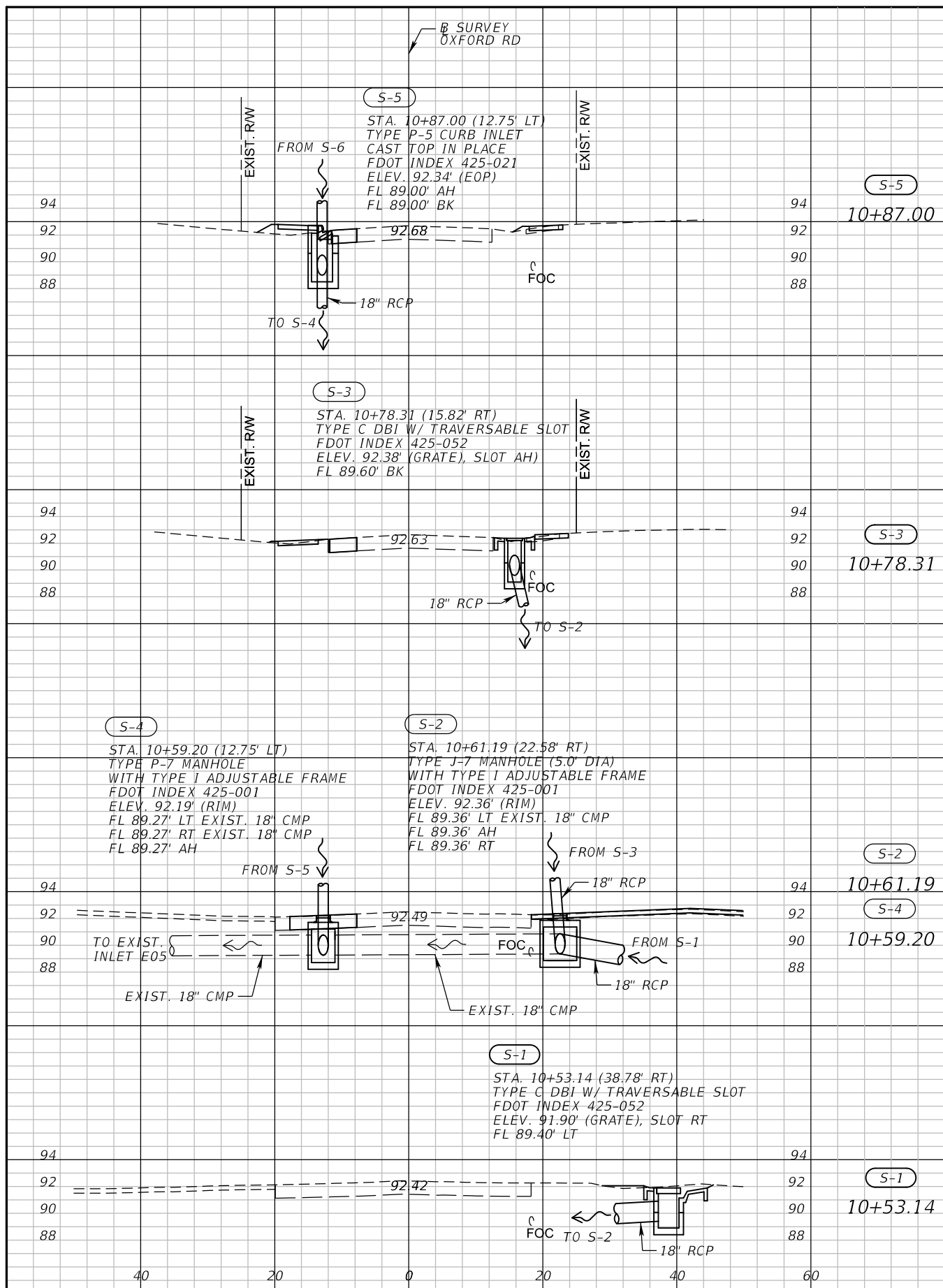
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ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

DRAINAGE DETAILS

SHEET NO.
33



1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

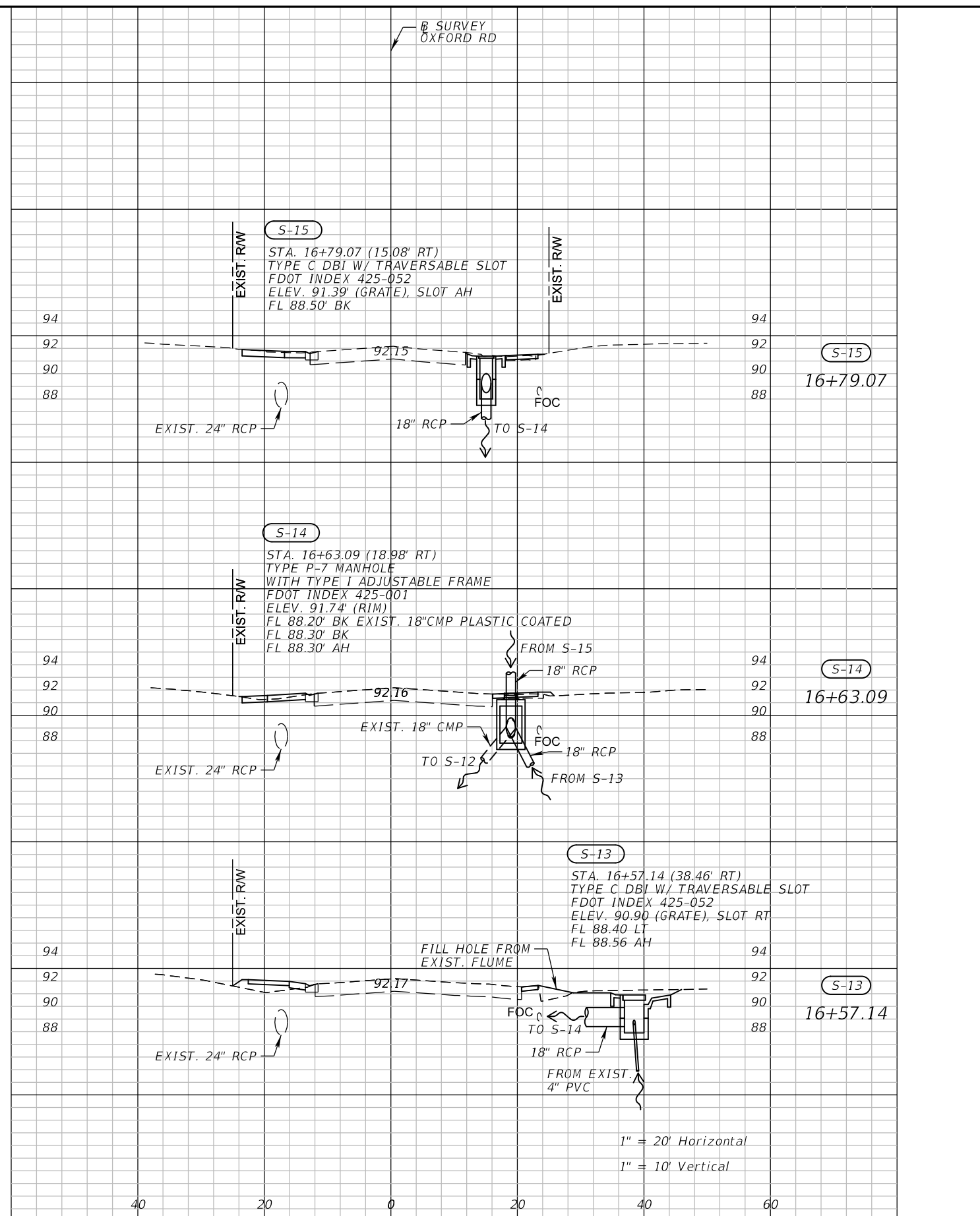
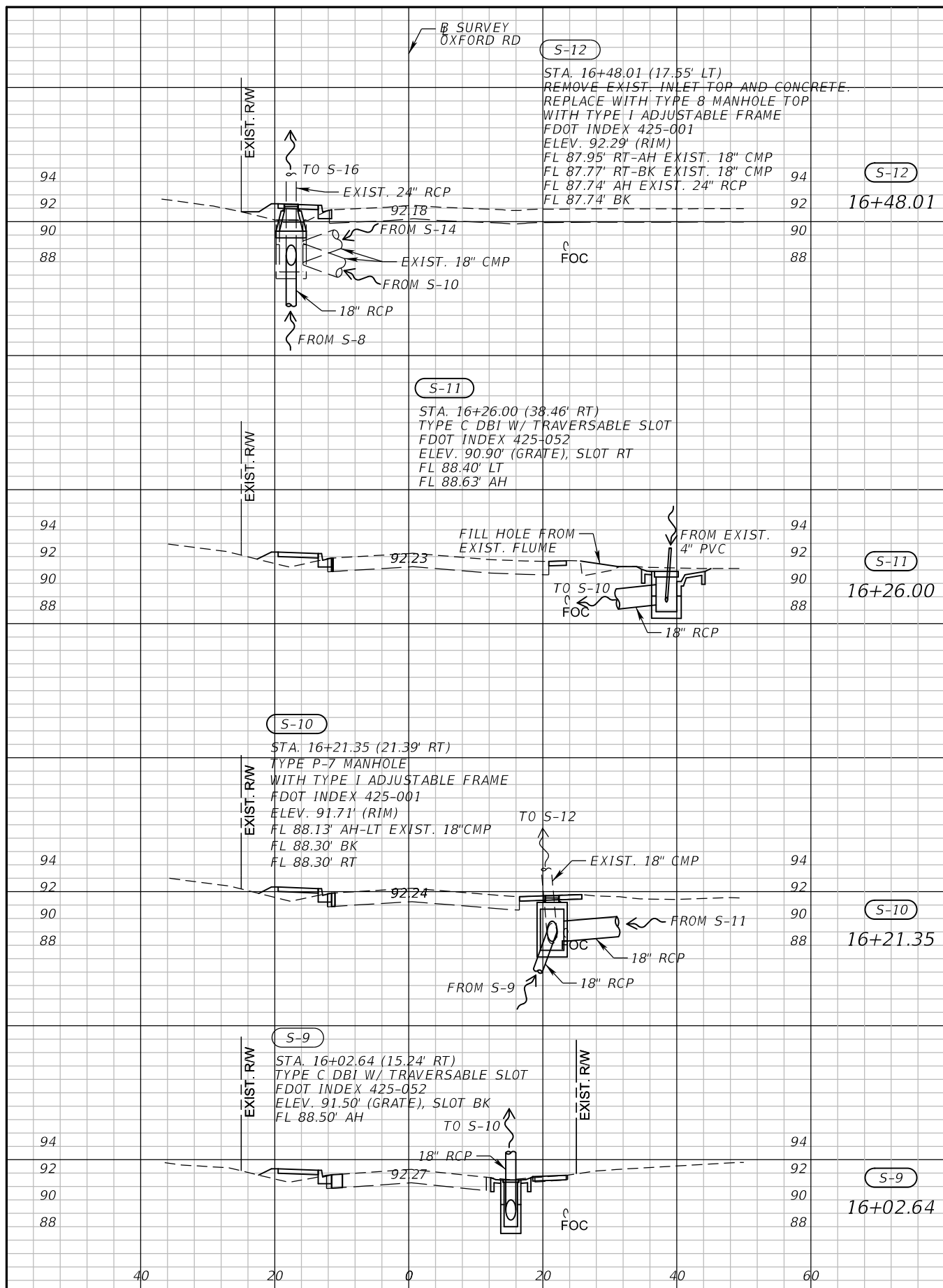
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ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

DRAINAGE STRUCTURES
OXFORD ROAD

SHEET NO.
 34



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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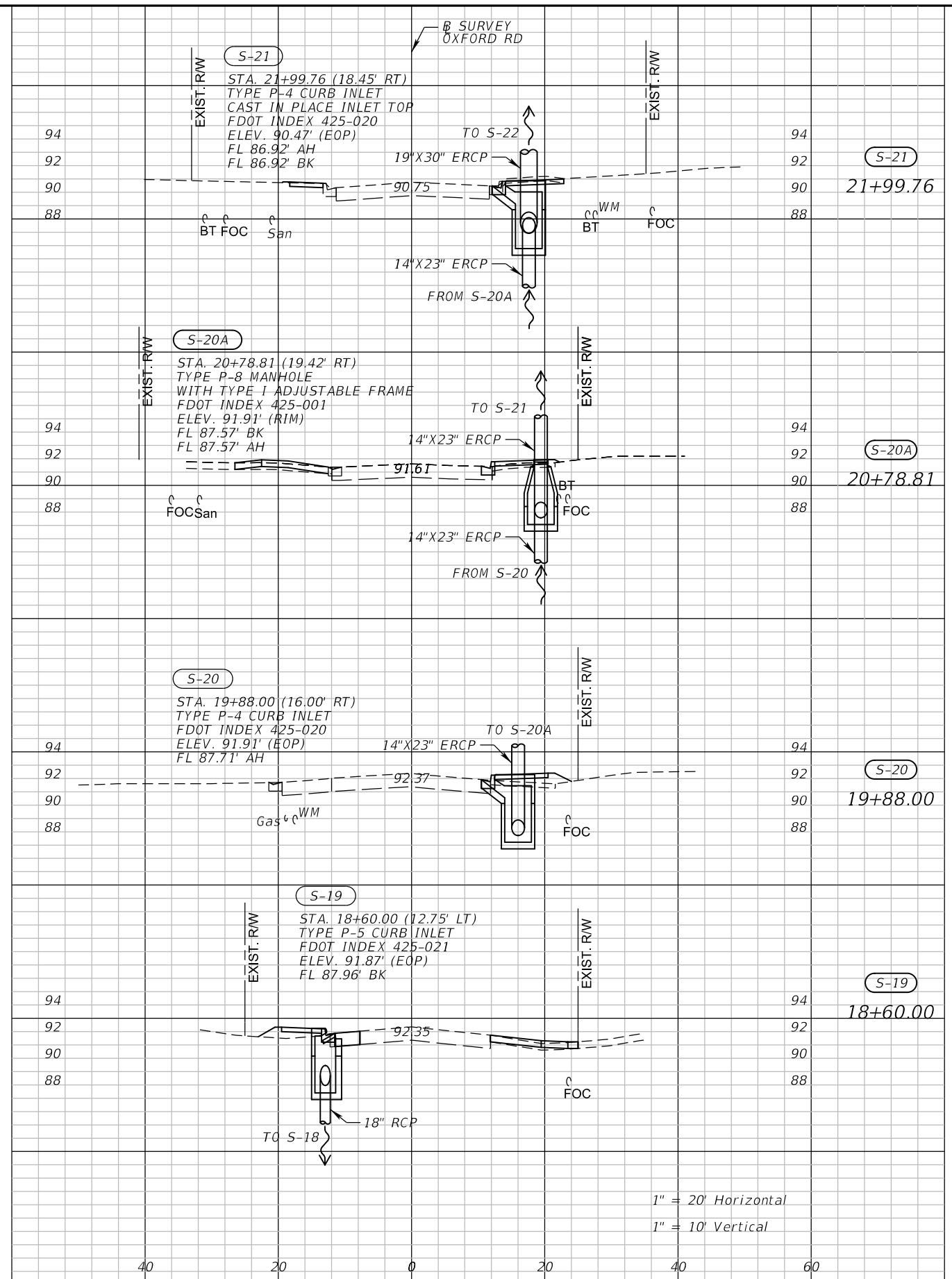
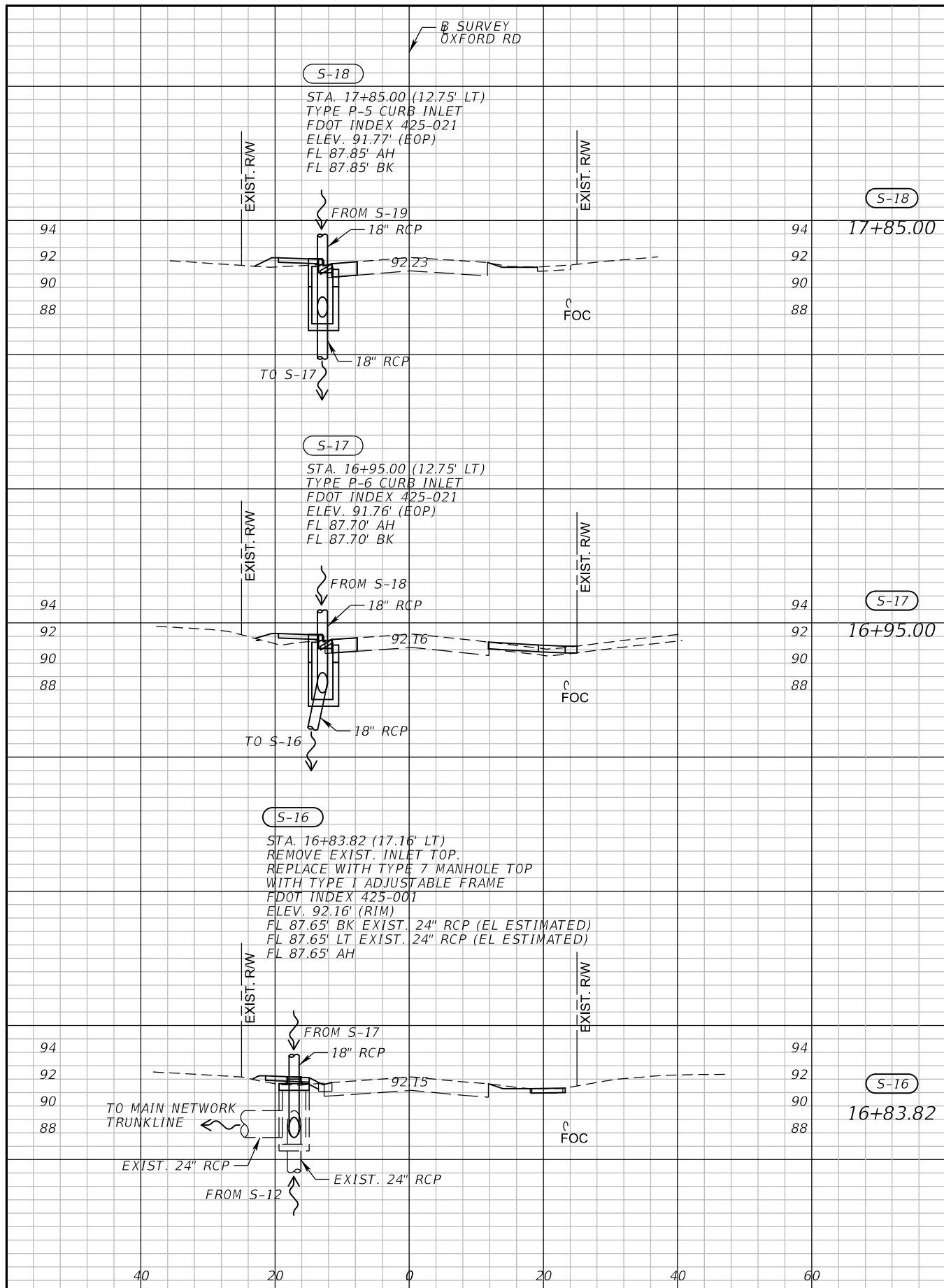
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 ROAD COUNTY CIP No.
 OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS 02107094

DRAINAGE STRUCTURES

OXFORD ROAD

SHEET NO.
 35



1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

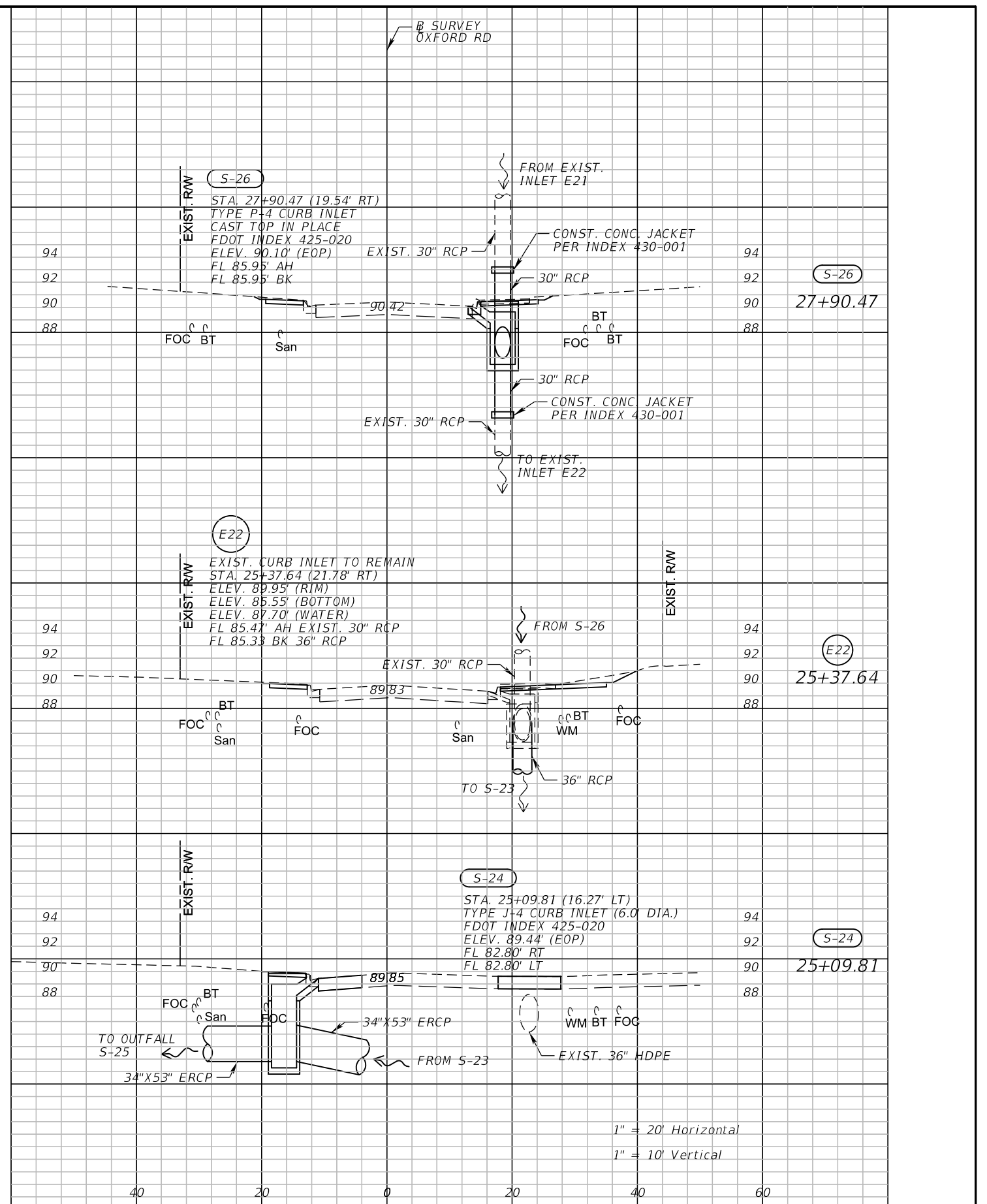
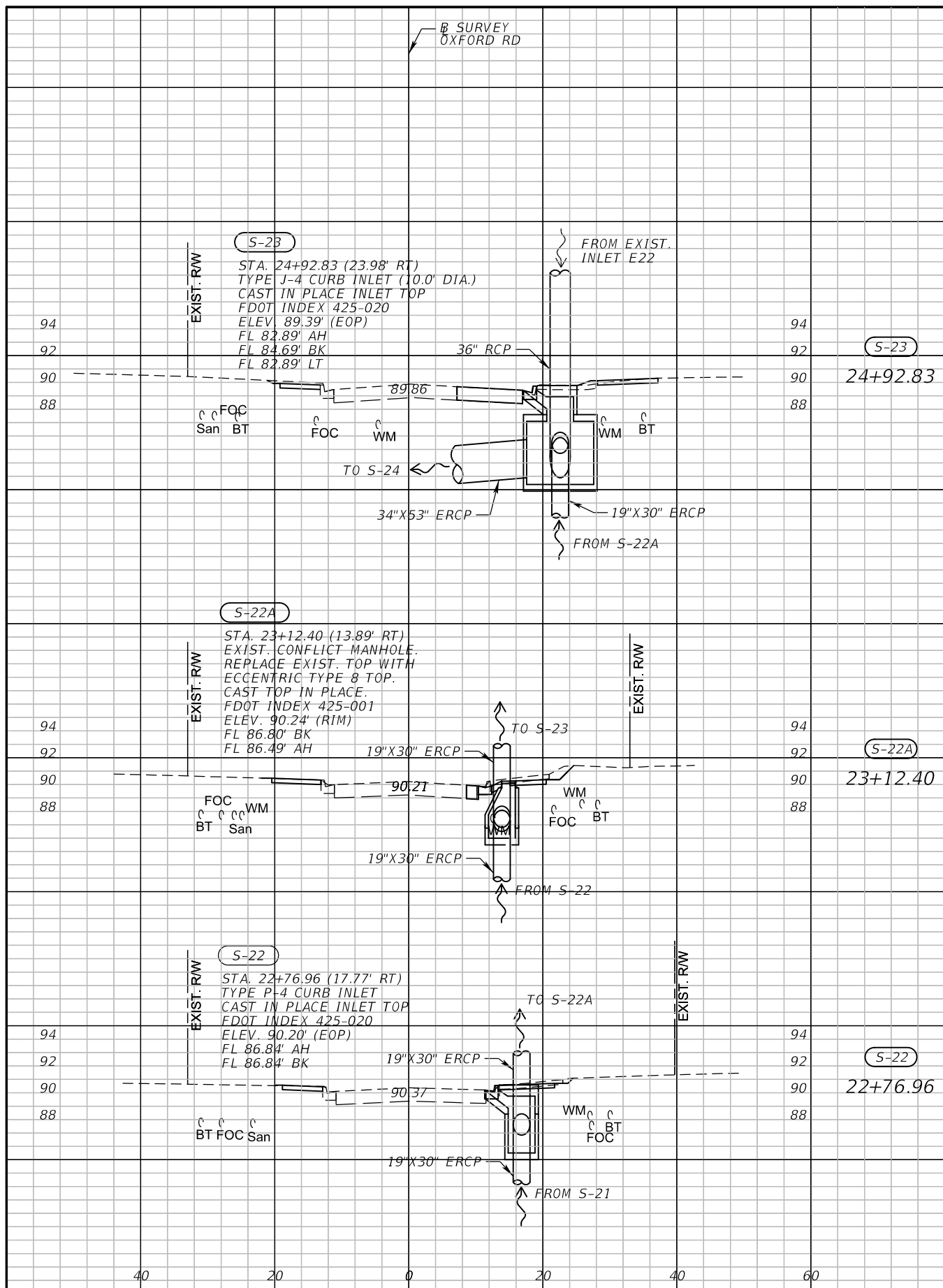
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ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

DRAINAGE STRUCTURES
OXFORD ROAD

SHEET NO.
 36



1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

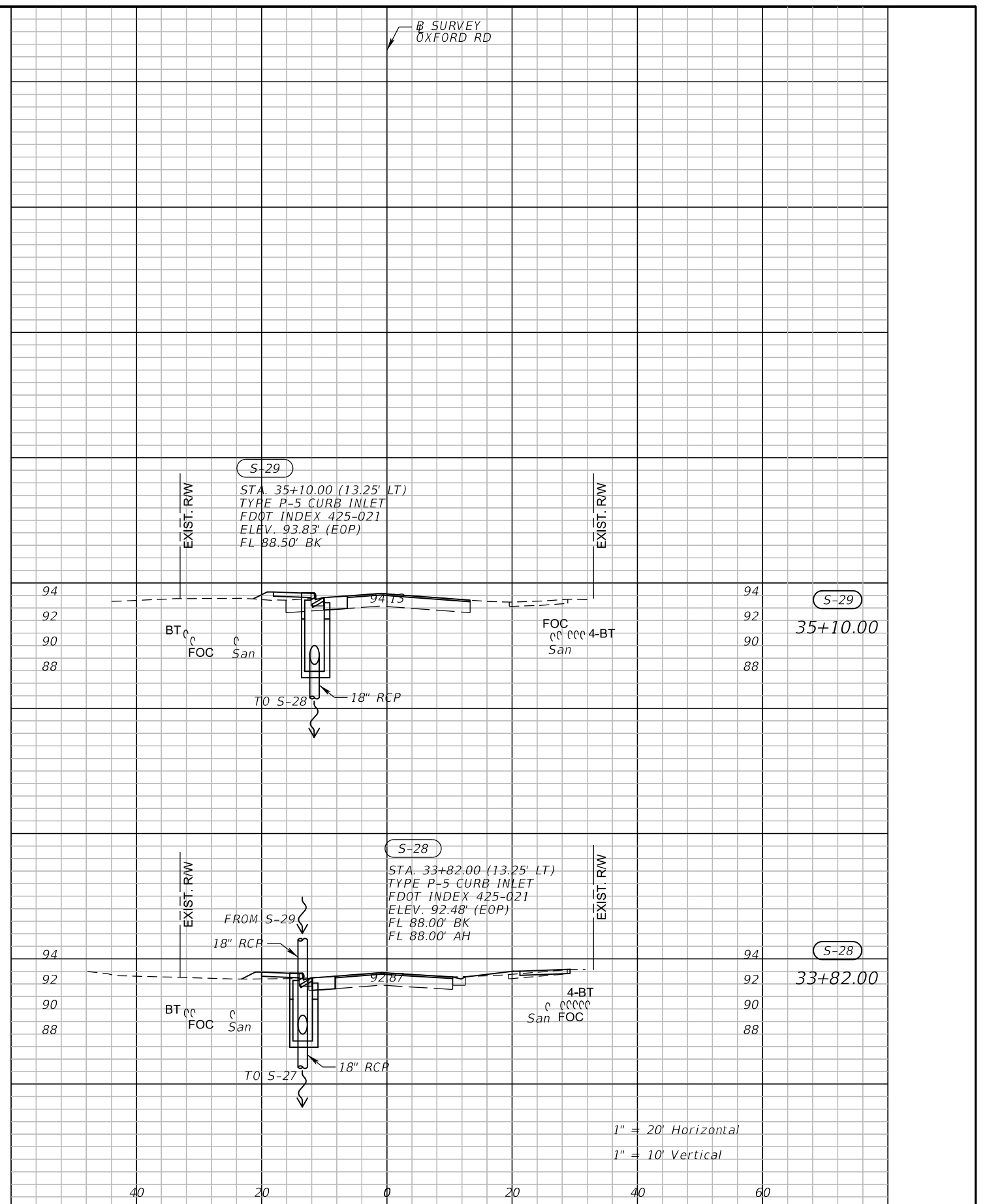
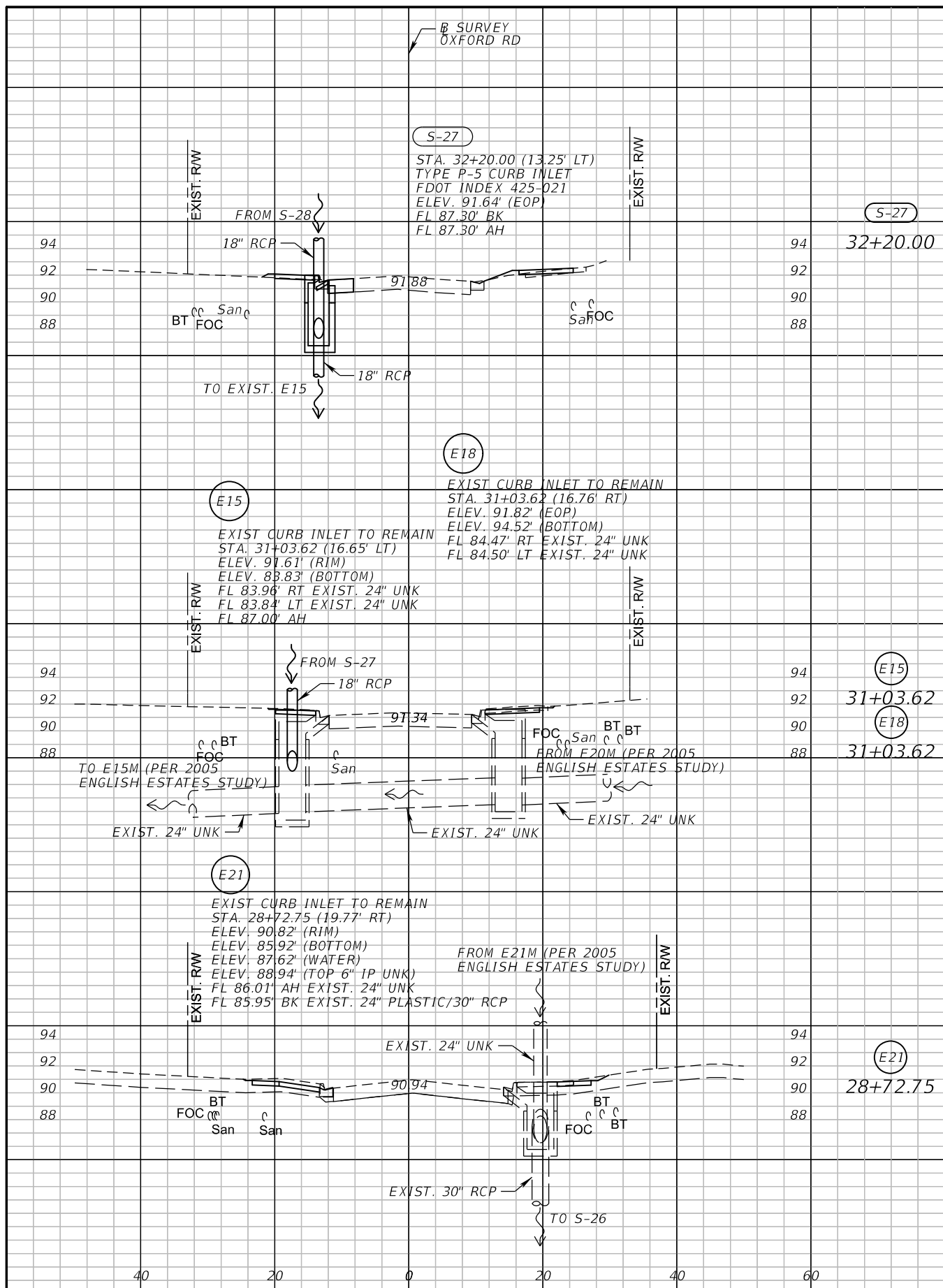
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ROAD: OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS
 COUNTY CIP No.: 02107094

**DRAINAGE STRUCTURES
 OXFORD ROAD**

SHEET NO.: 37



1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

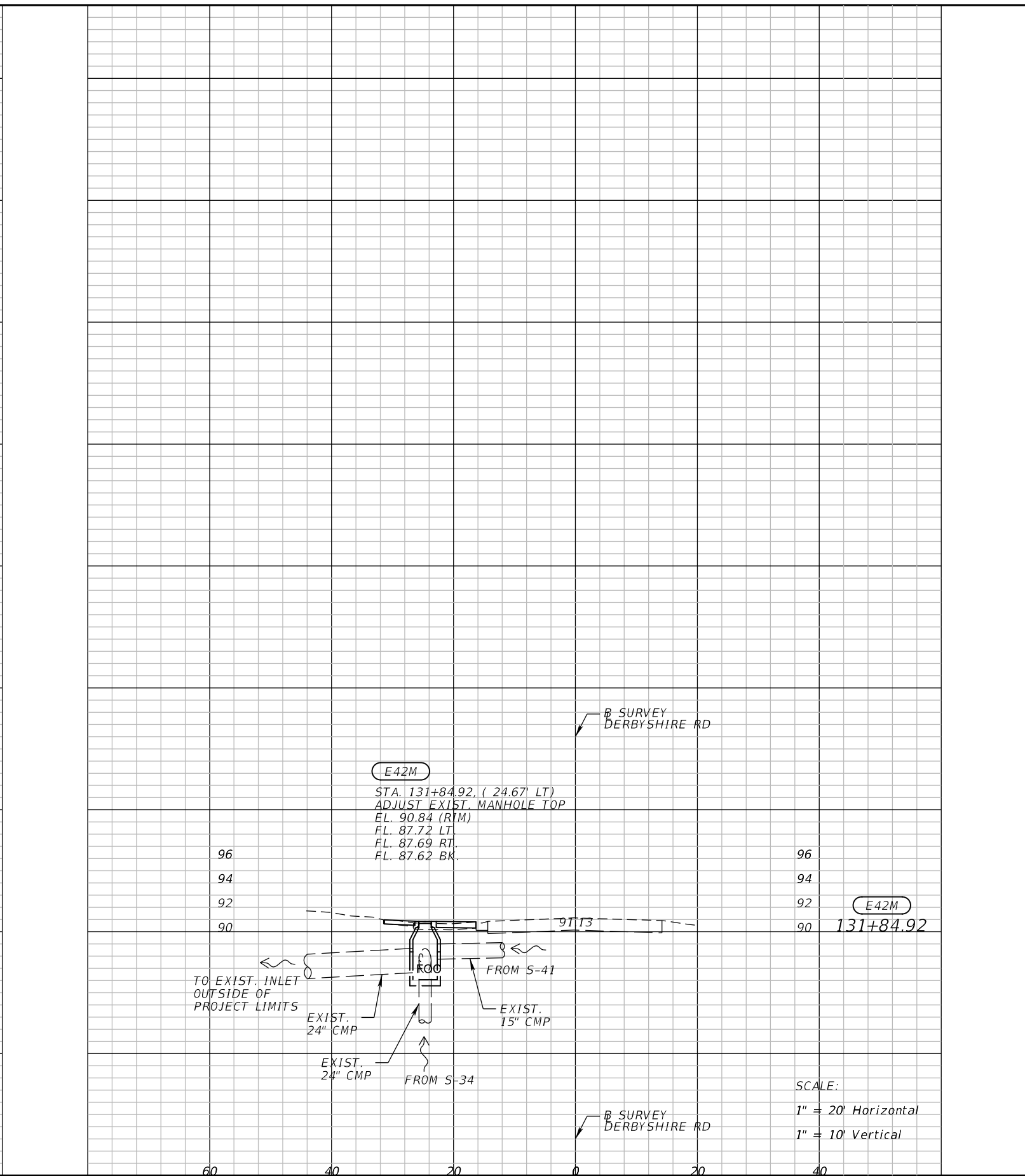
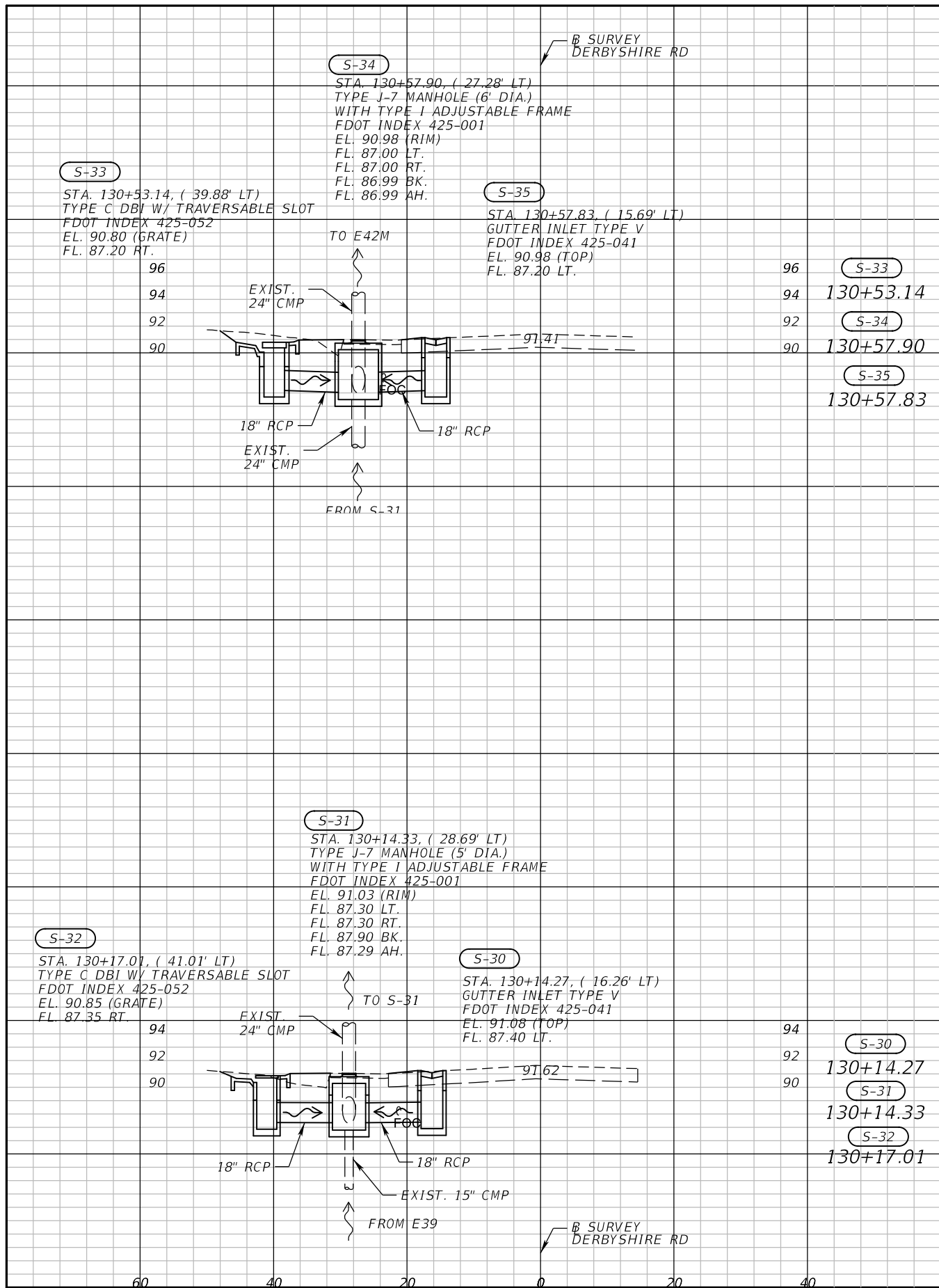
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ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**DRAINAGE STRUCTURES
 OXFORD ROAD**

SHEET NO. 38



SCALE:
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

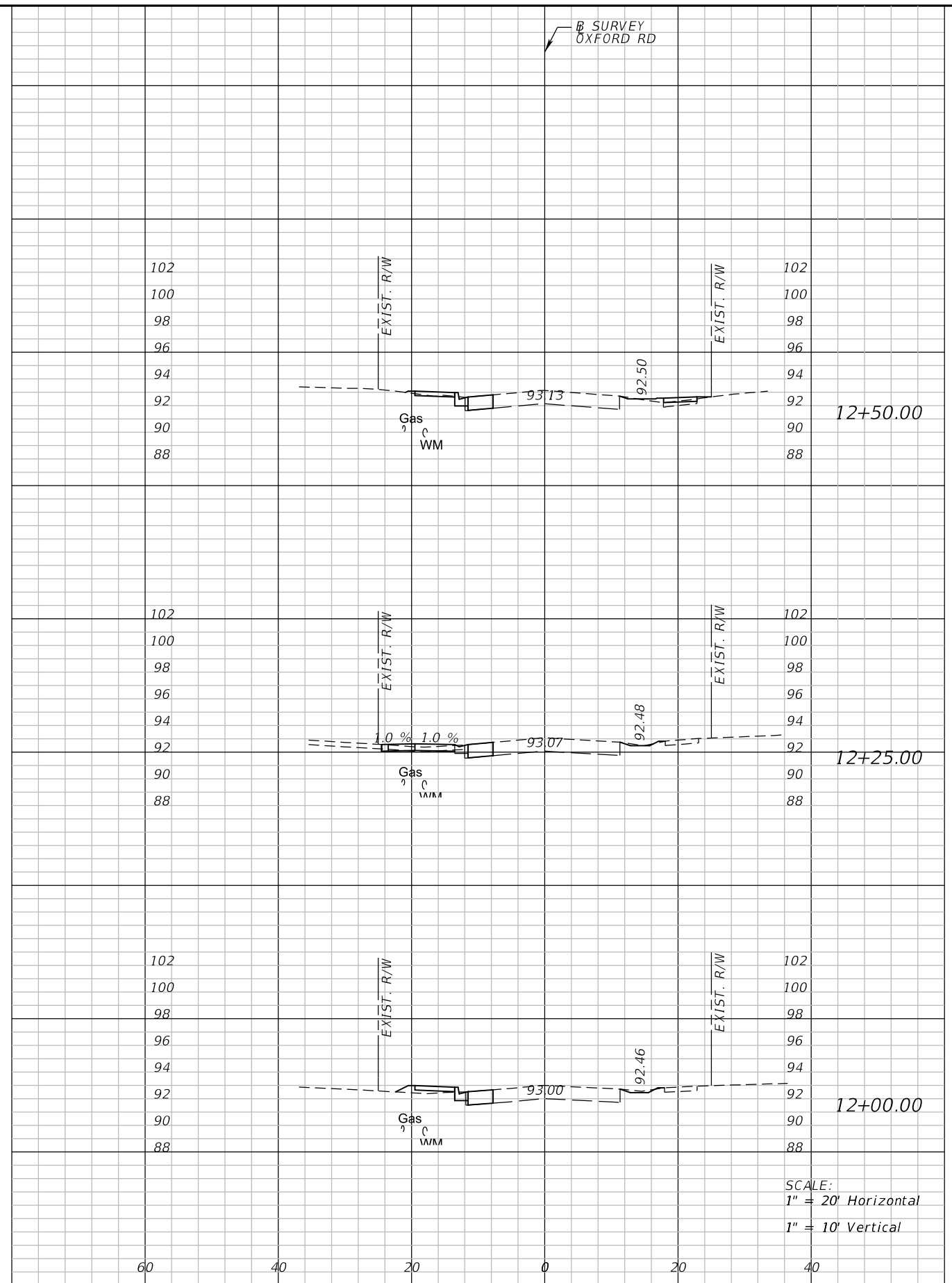
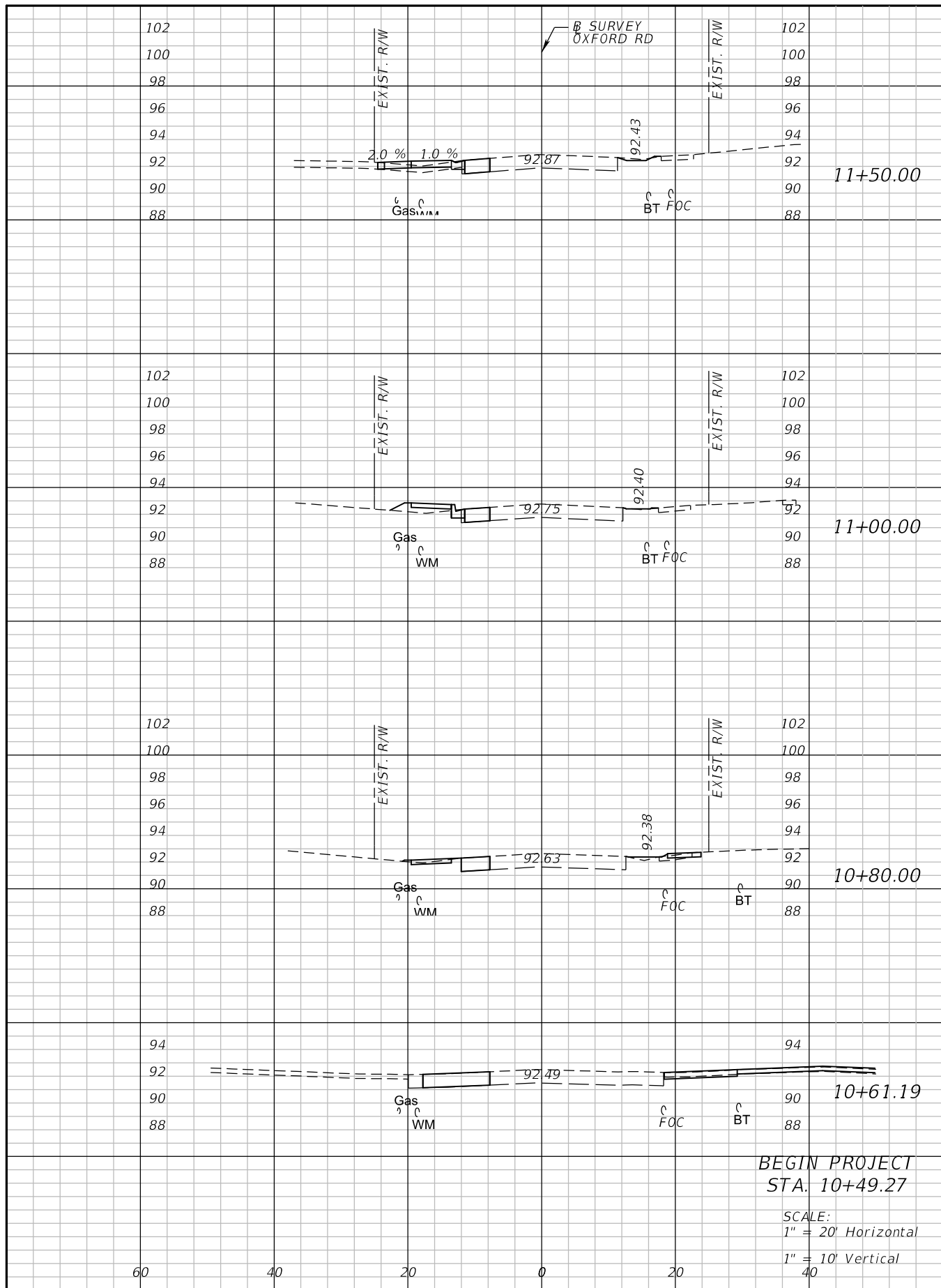
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ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**DRAINAGE STRUCTURES
 DERBYSHIRE ROAD**

SHEET NO.
 39



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

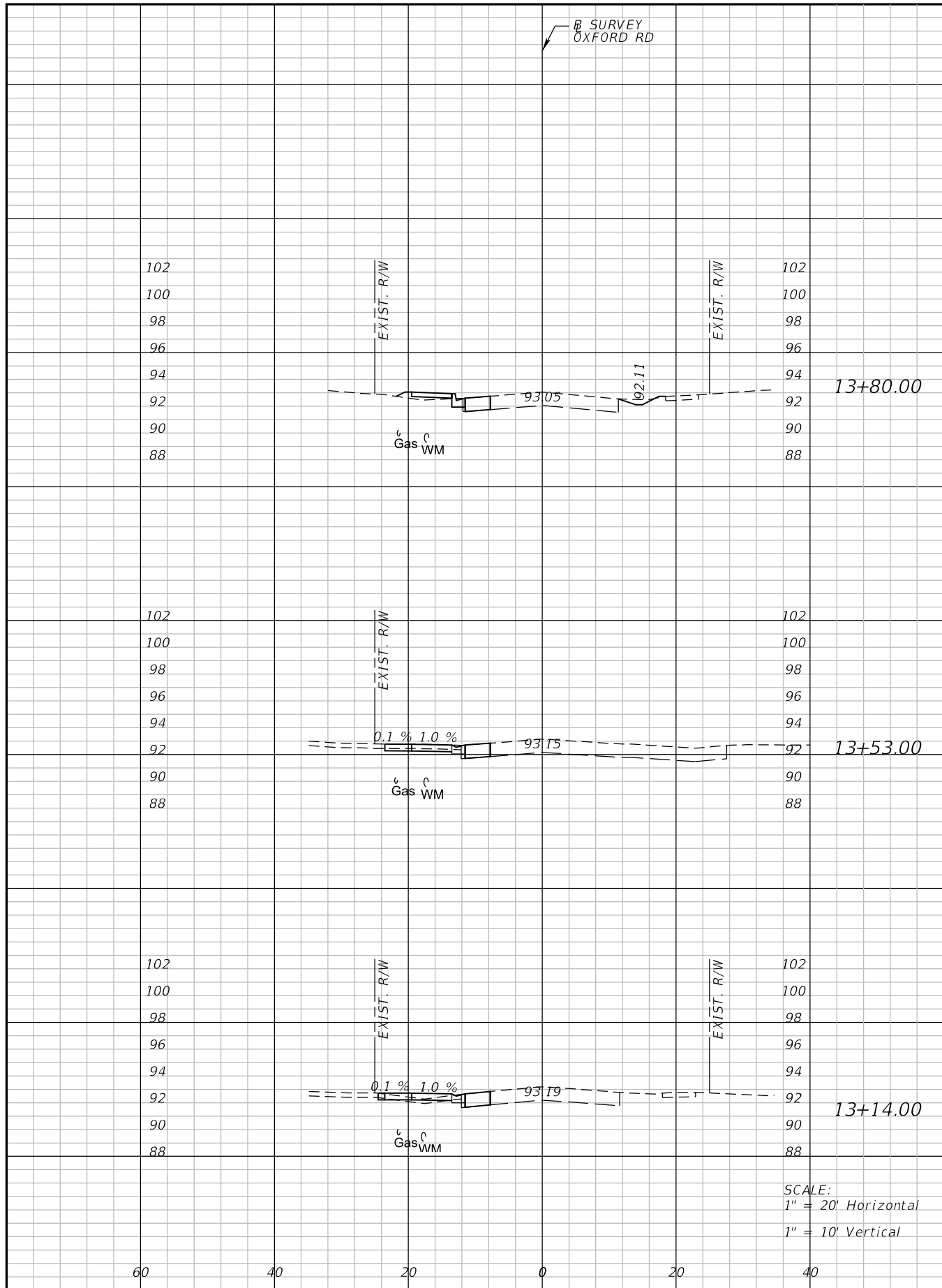
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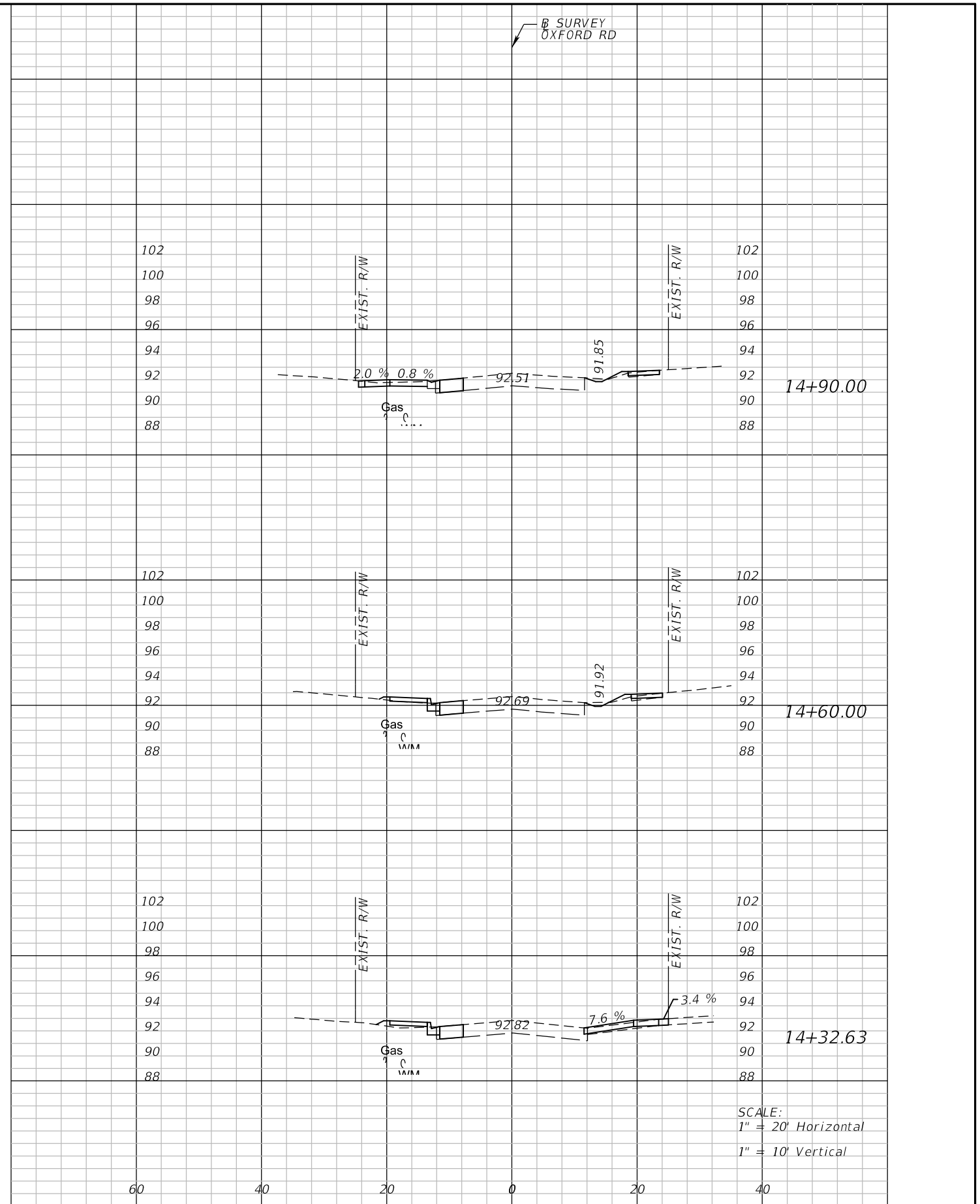
ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

CROSS SECTIONS
 OXFORD ROAD

SHEET NO.
 40



SCALE:
1" = 20' Horizontal
1" = 10' Vertical



SCALE:
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

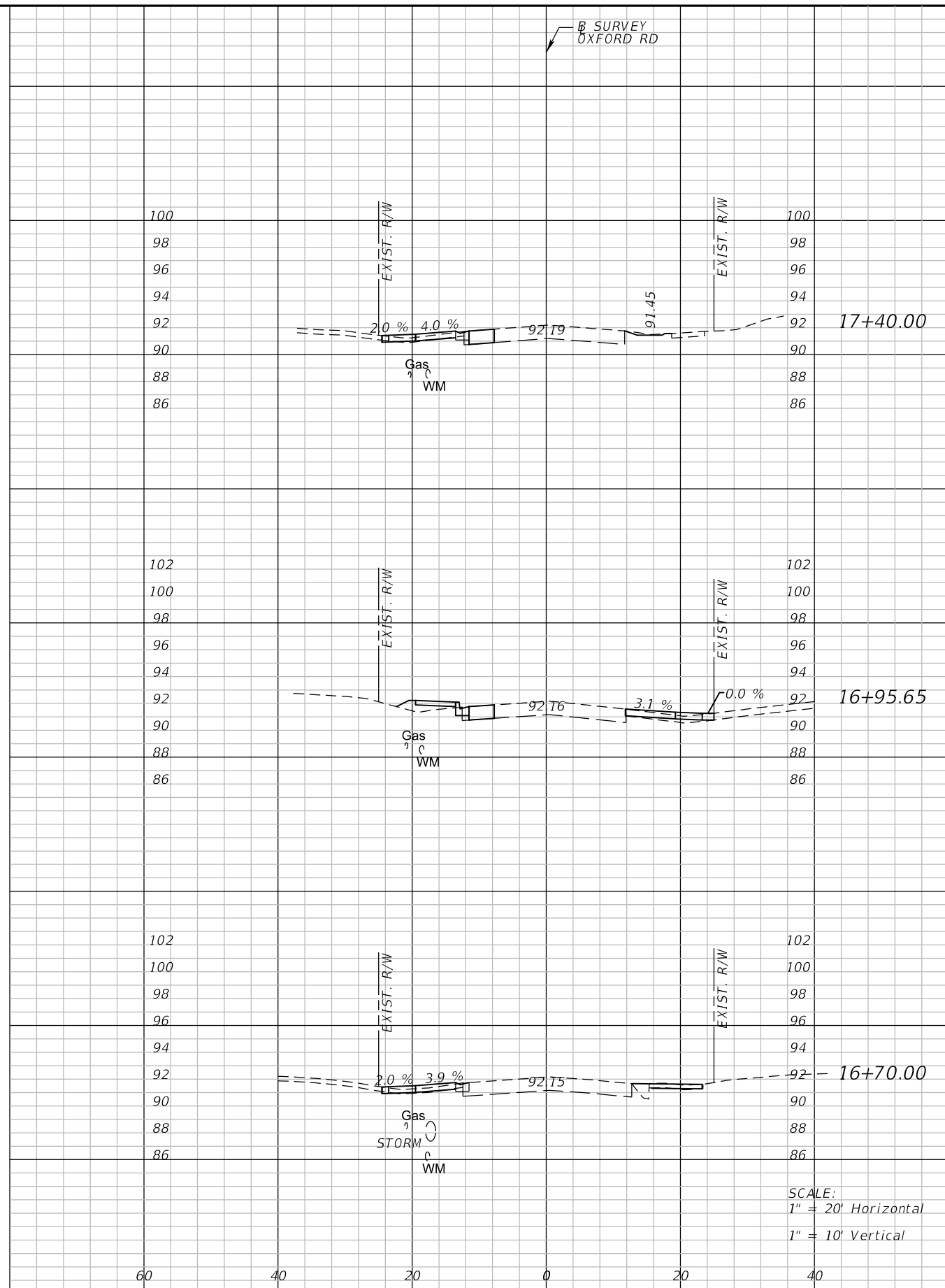
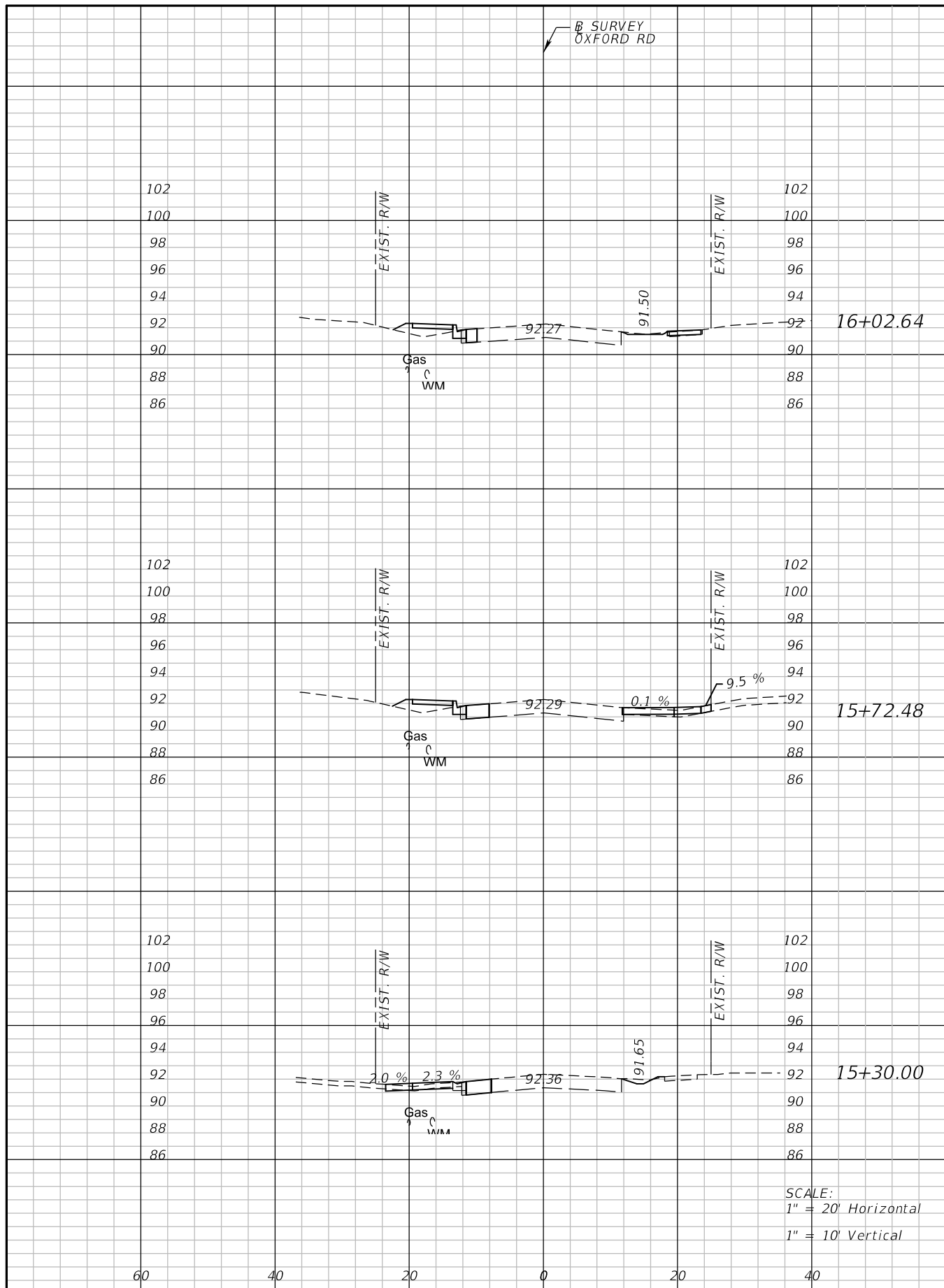
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ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

CROSS SECTIONS
OXFORD ROAD

SHEET NO.
41



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

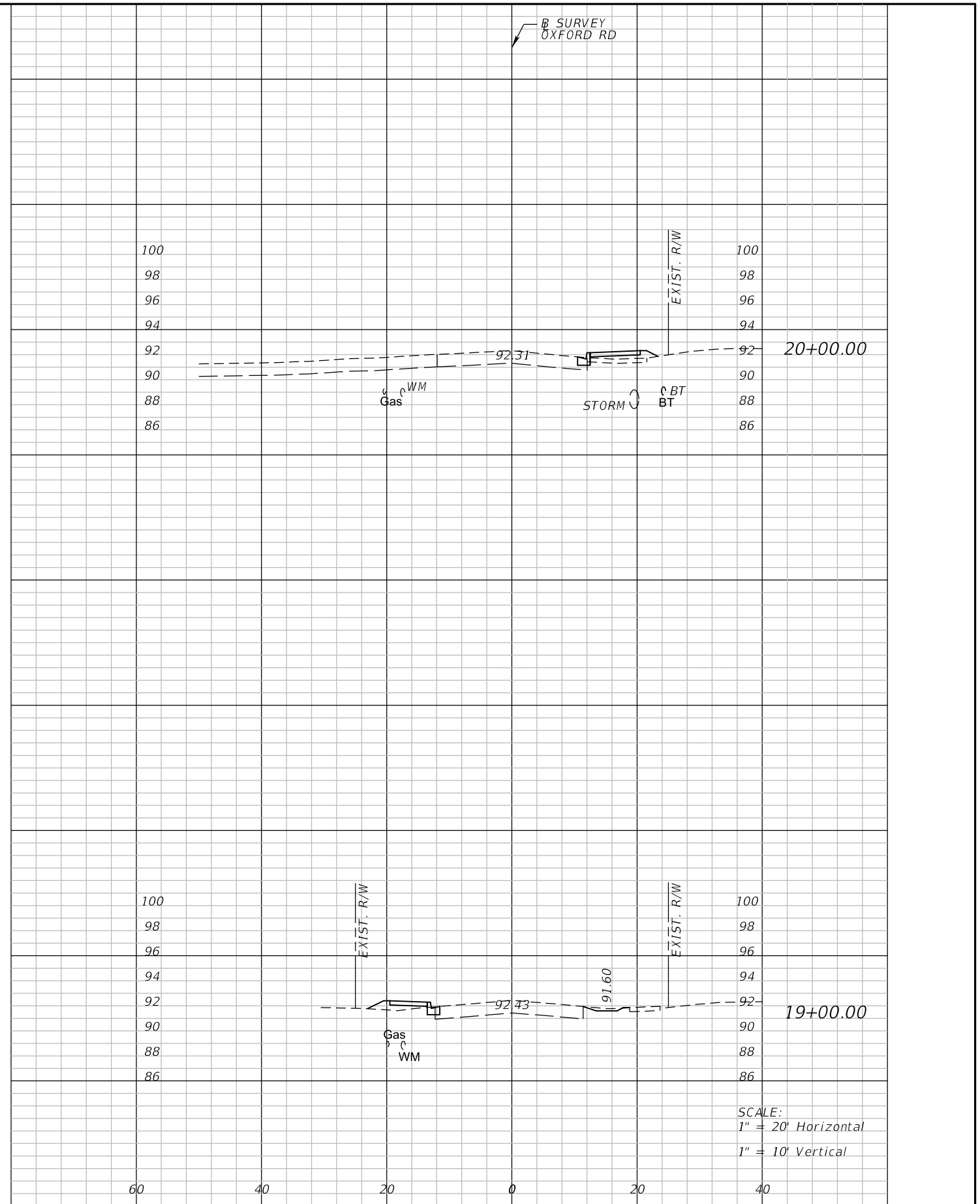
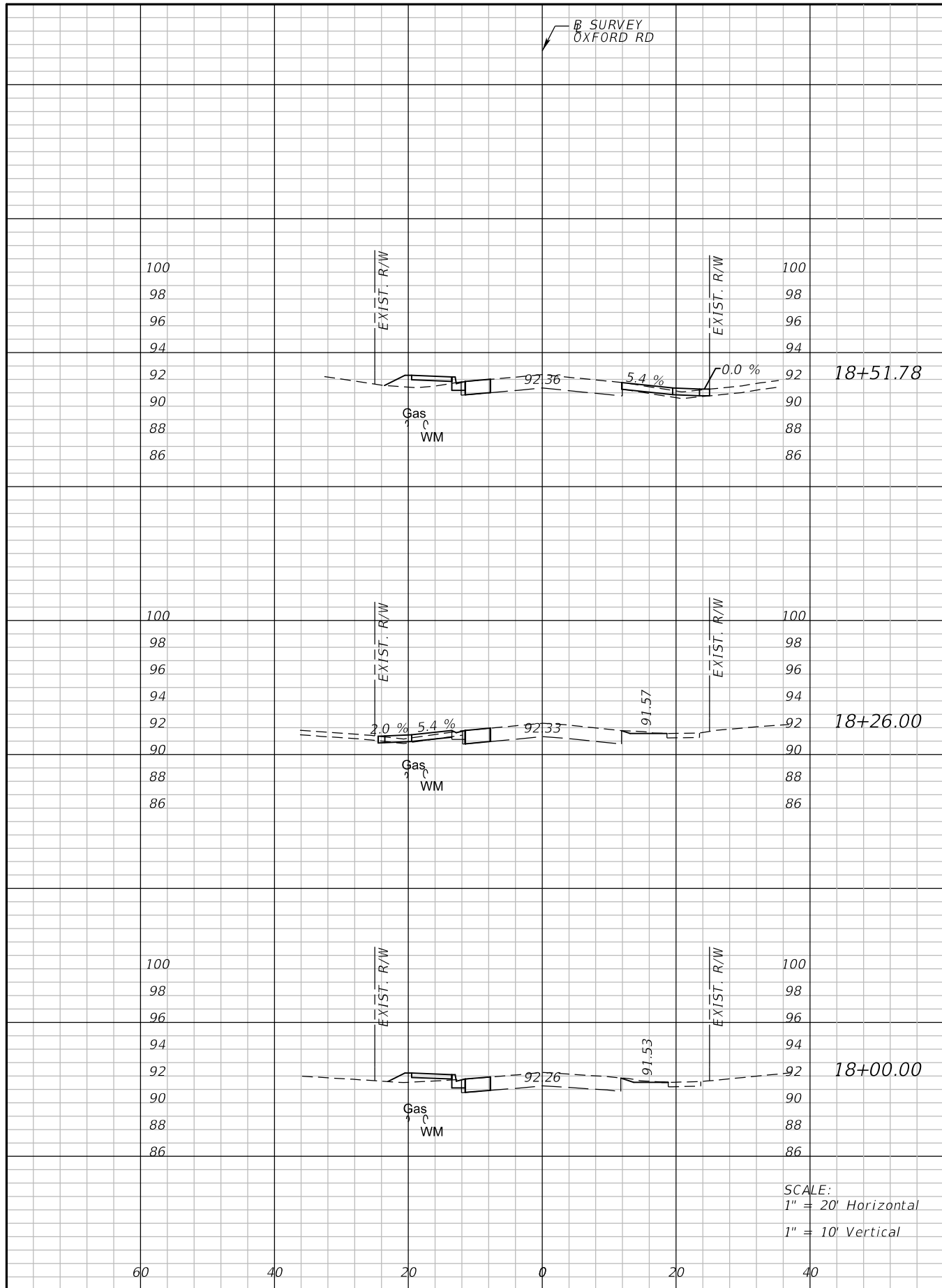
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ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

CROSS SECTIONS
 OXFORD ROAD

SHEET NO.
 42



SCALE:
1" = 20' Horizontal
1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

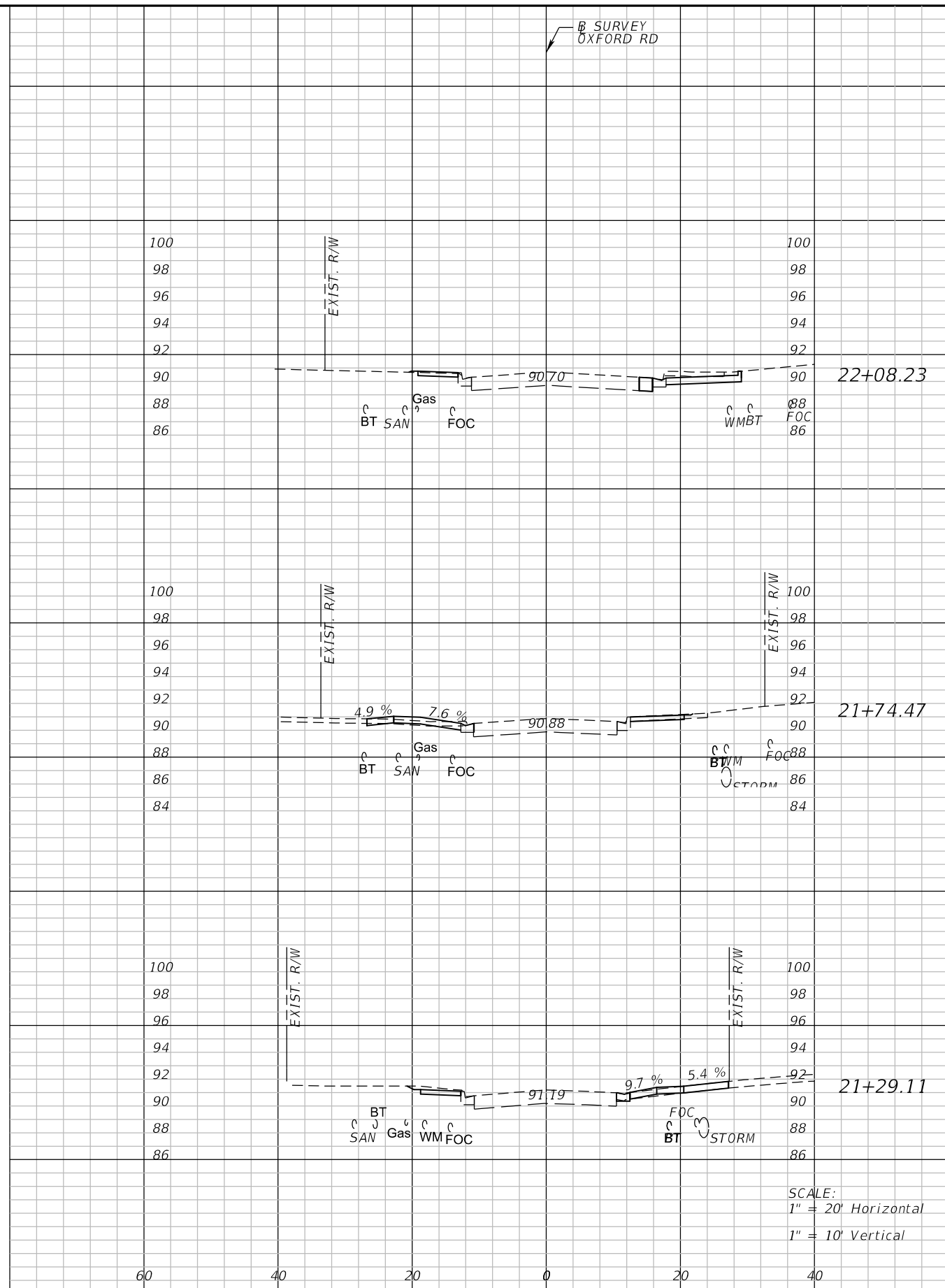
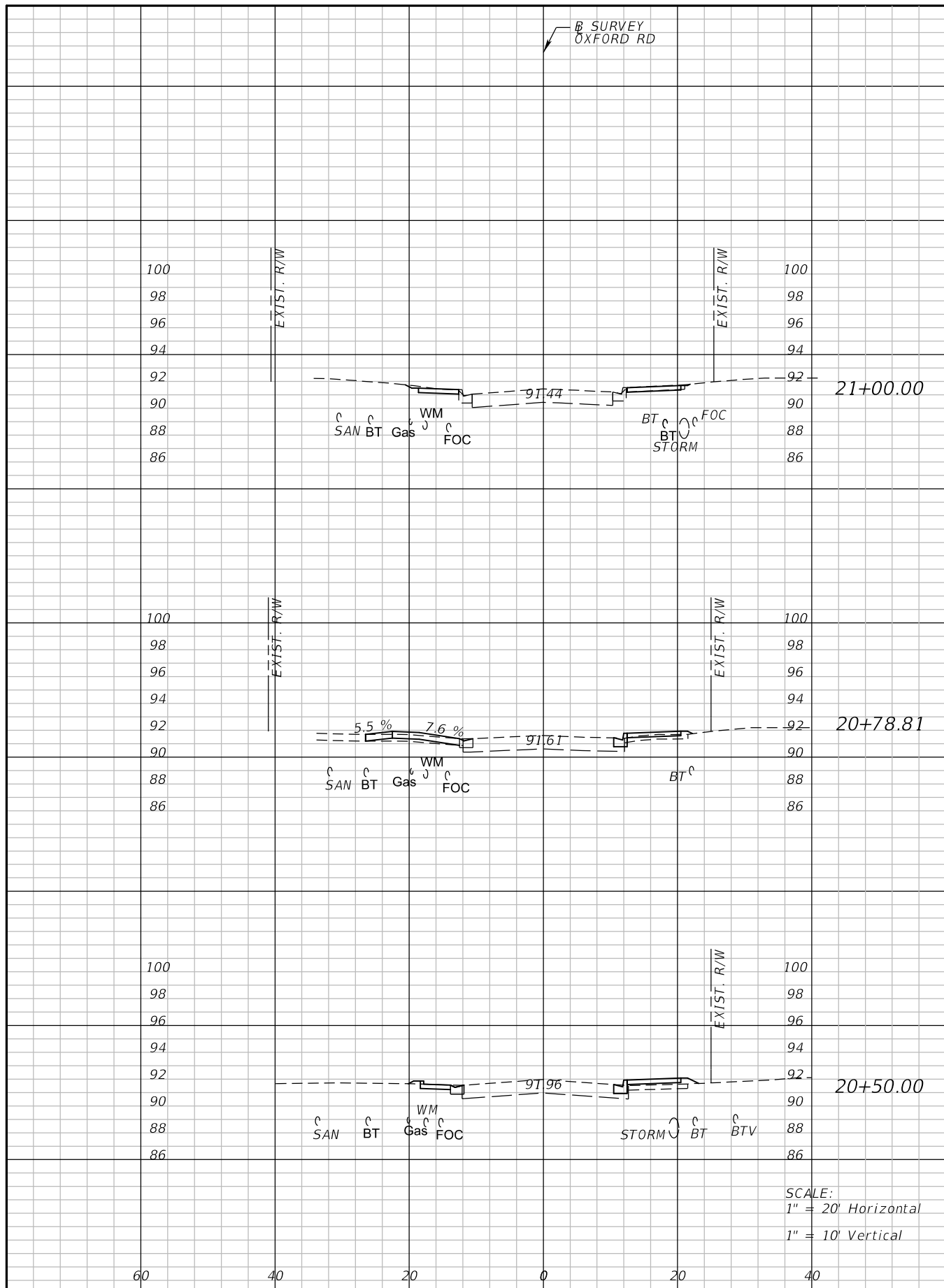
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ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

CROSS SECTIONS
OXFORD ROAD

SHEET NO.
43



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

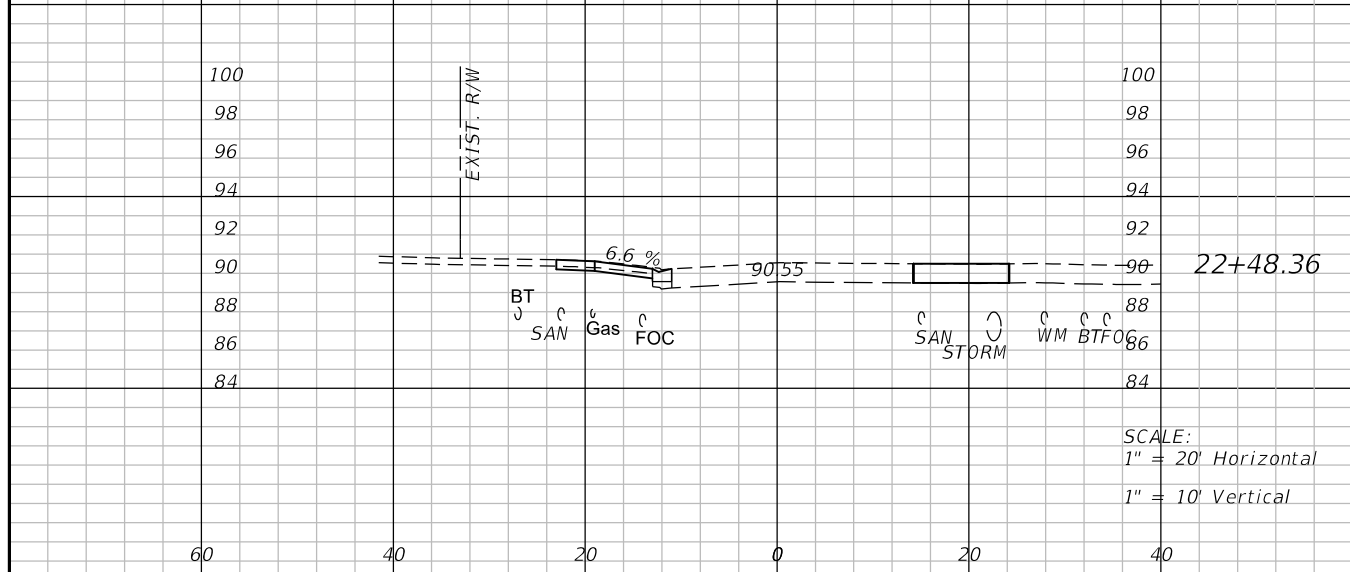
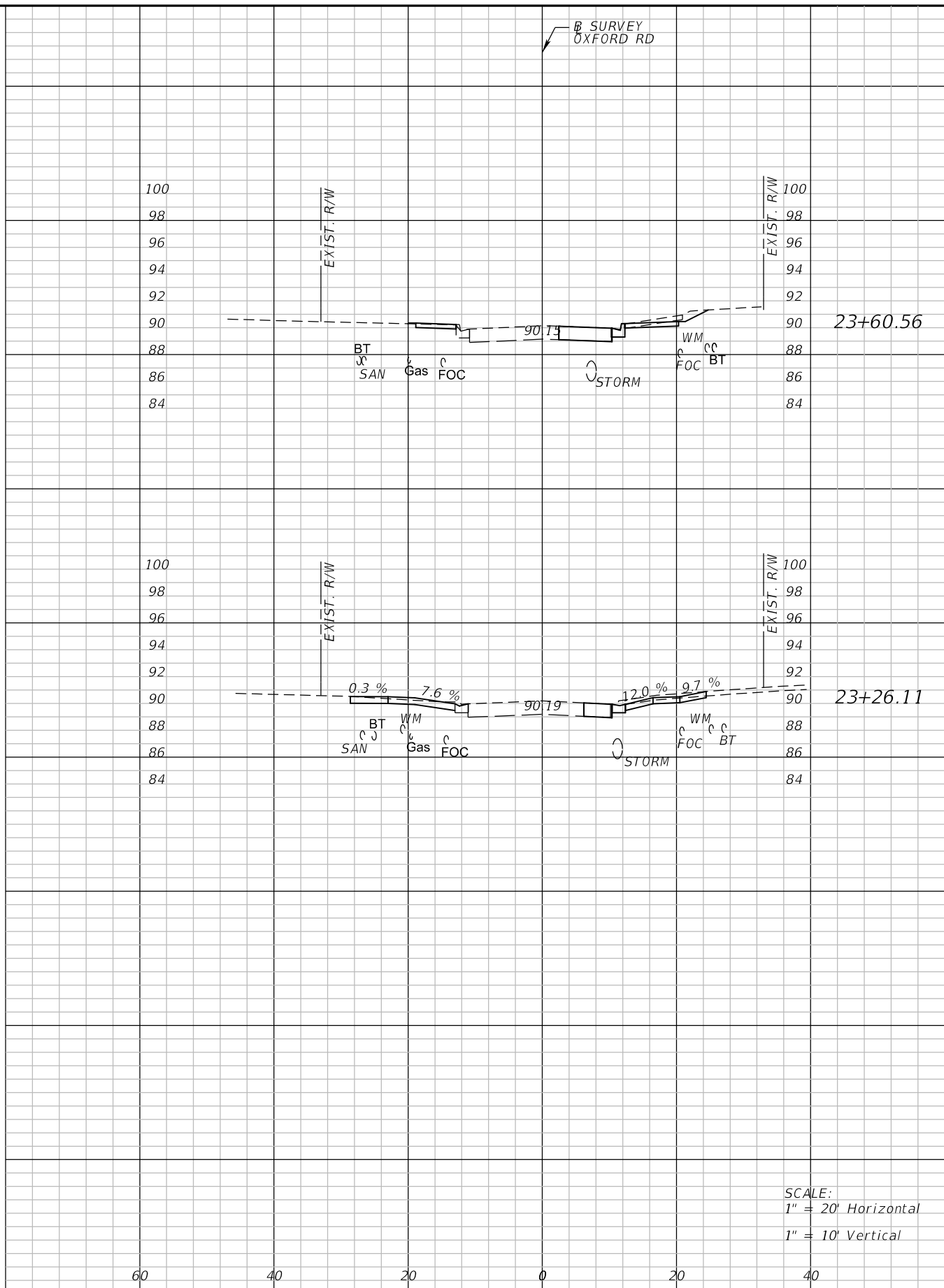
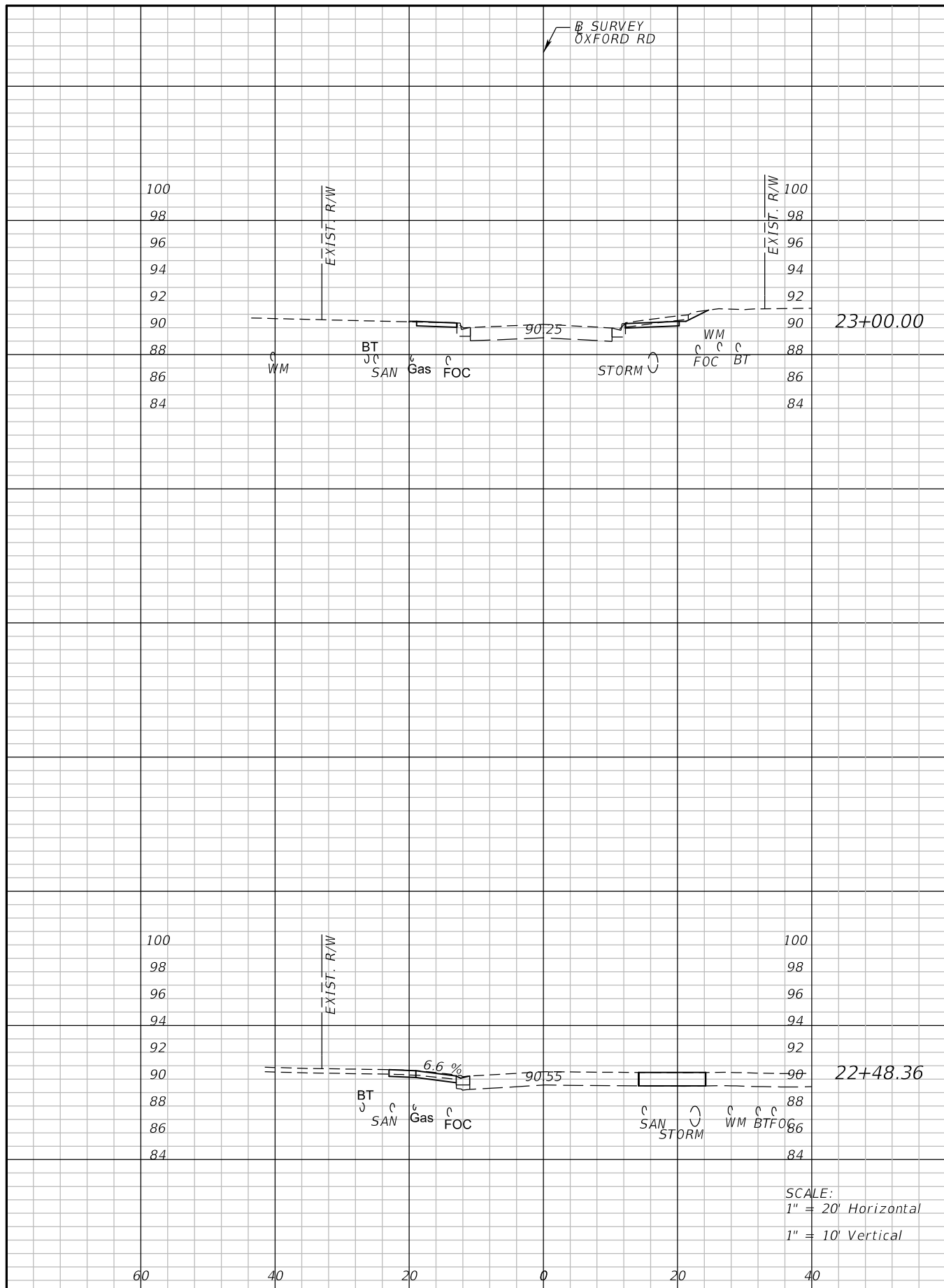
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**SEMINOLE COUNTY
 ENGINEERING DIVISION**

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**CROSS SECTIONS
 OXFORD ROAD**

SHEET NO.
44



SCALE:
1" = 20' Horizontal
1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

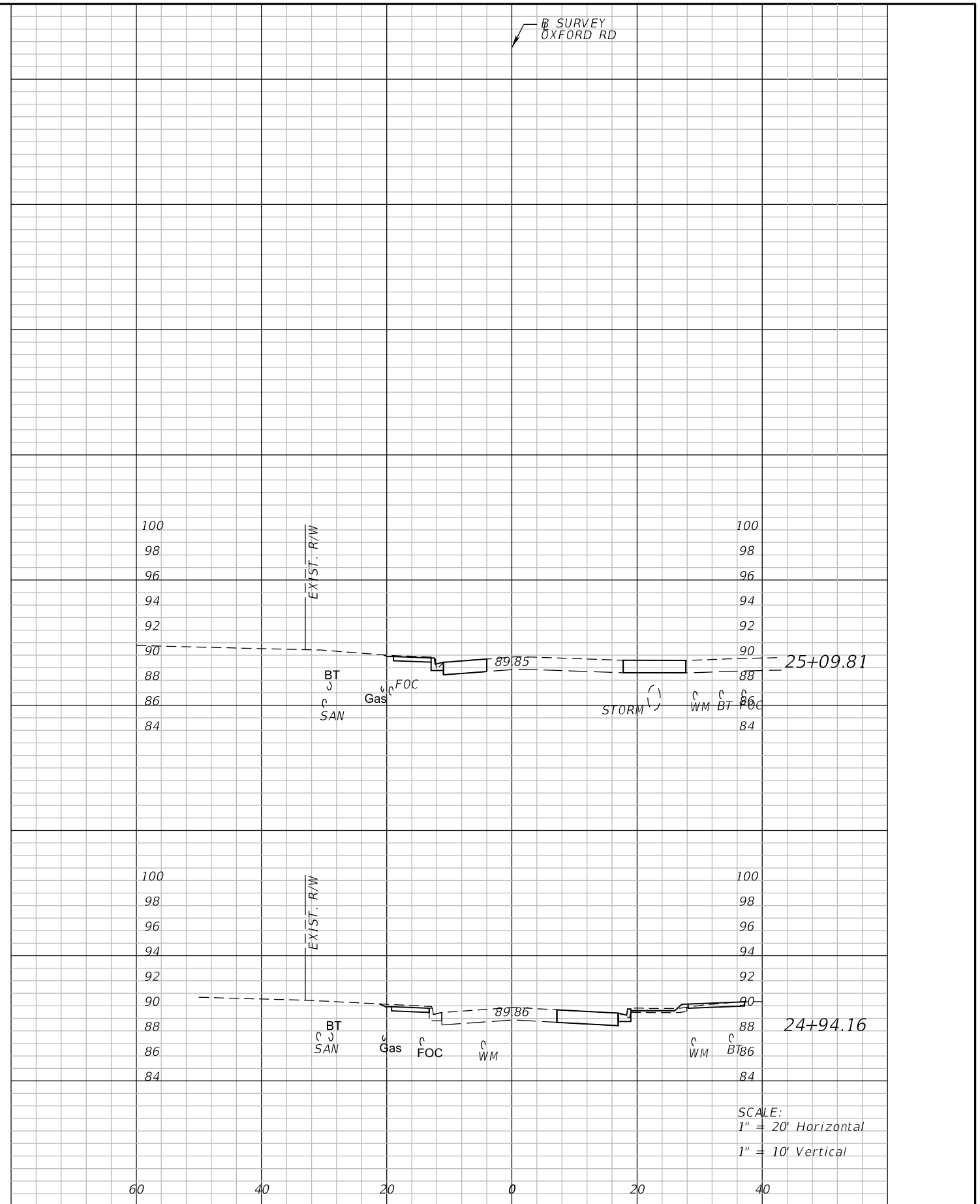
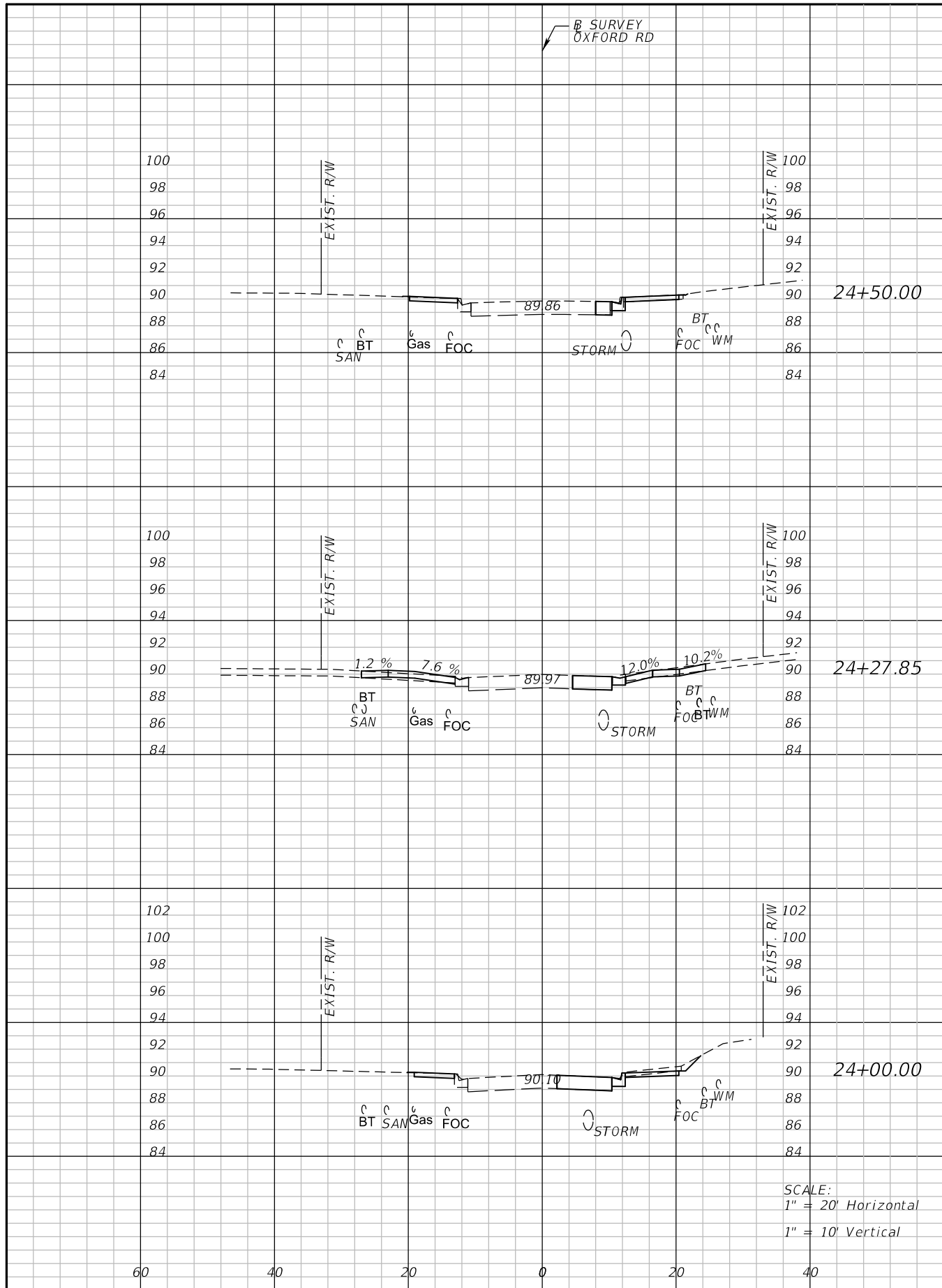
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ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

CROSS SECTIONS
OXFORD ROAD

SHEET NO.
45



SCALE:
1" = 20' Horizontal
1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

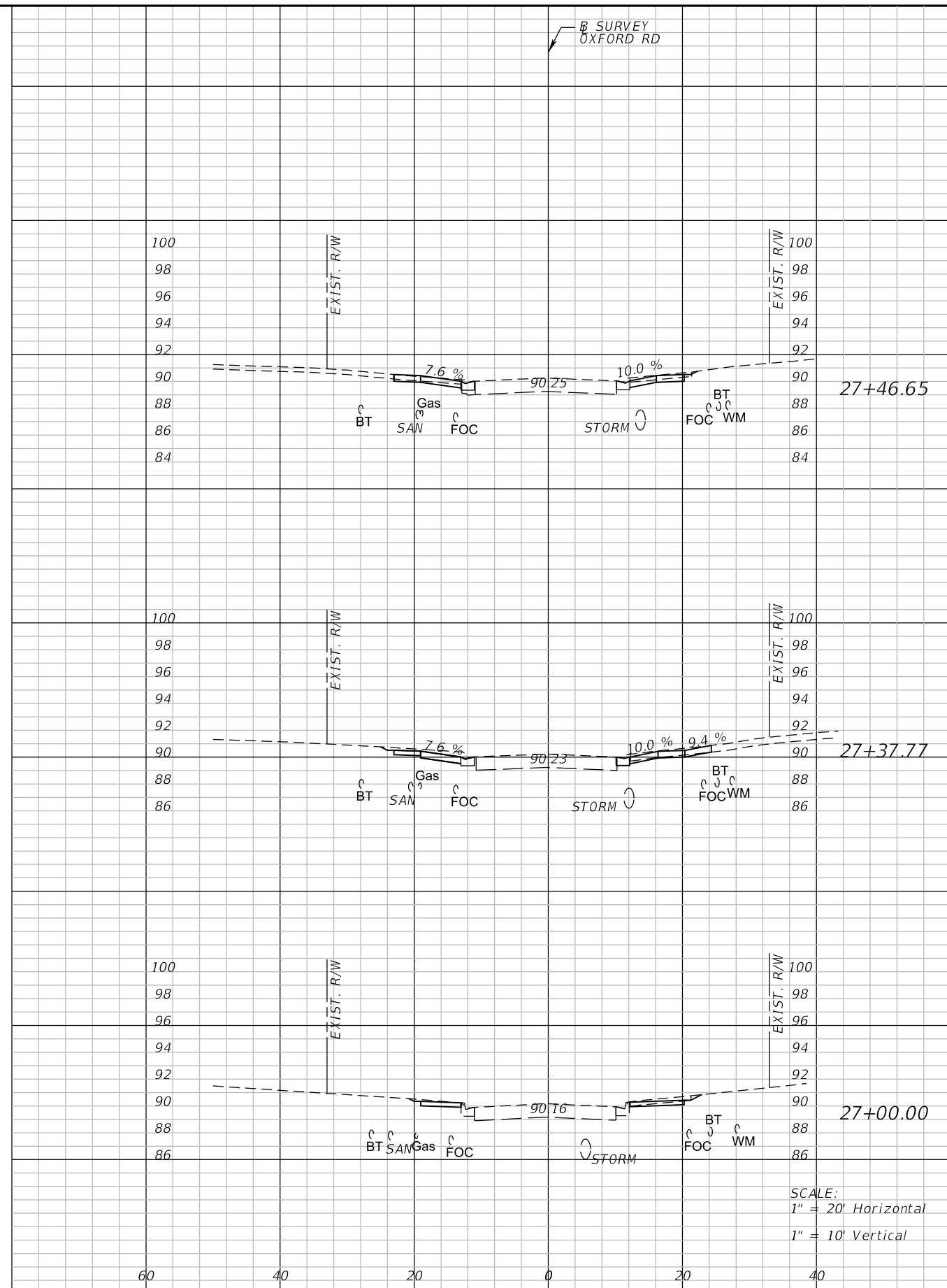
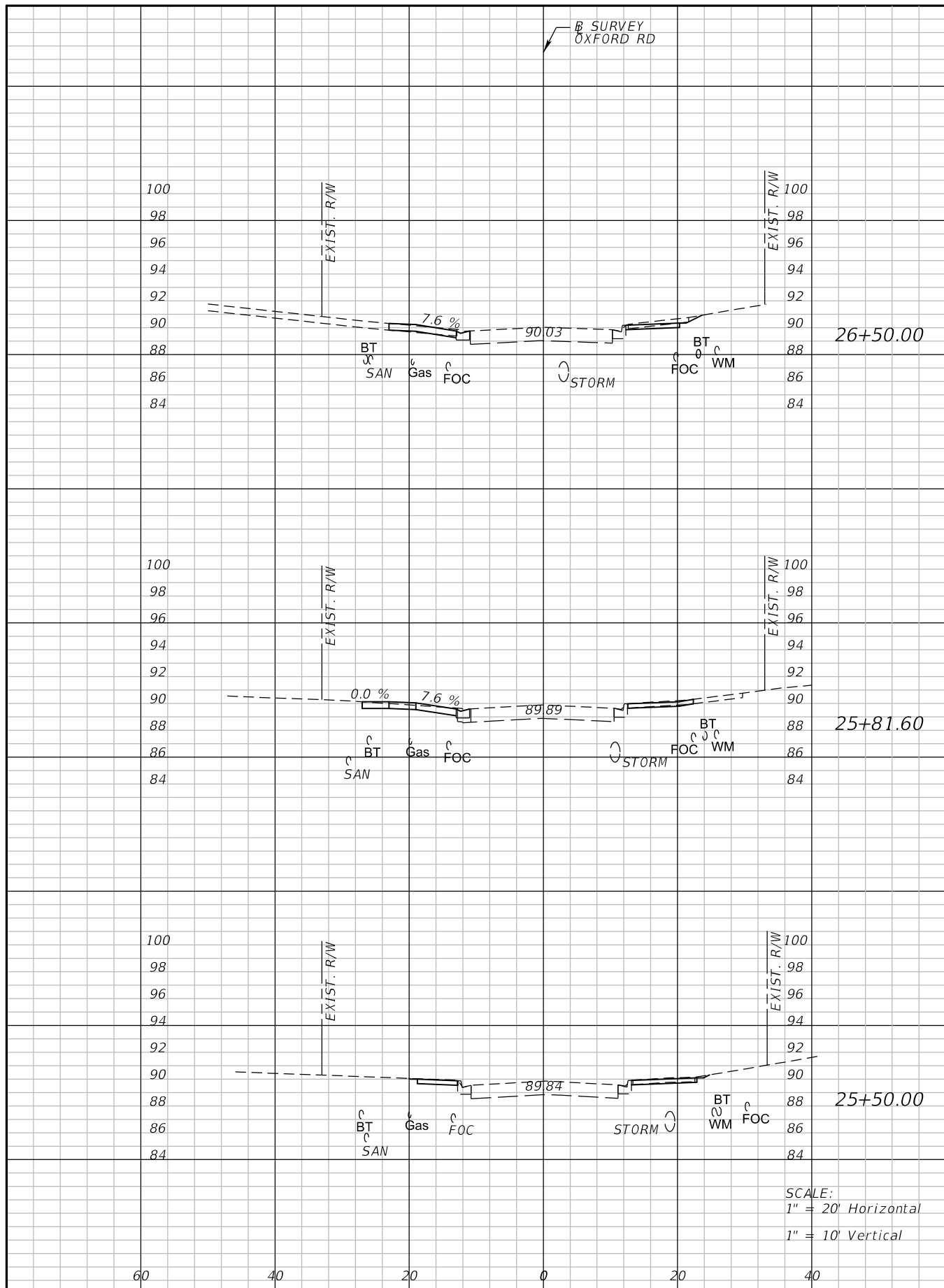
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ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

CROSS SECTIONS
OXFORD ROAD

SHEET NO.
46



SCALE:
1" = 20' Horizontal
1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

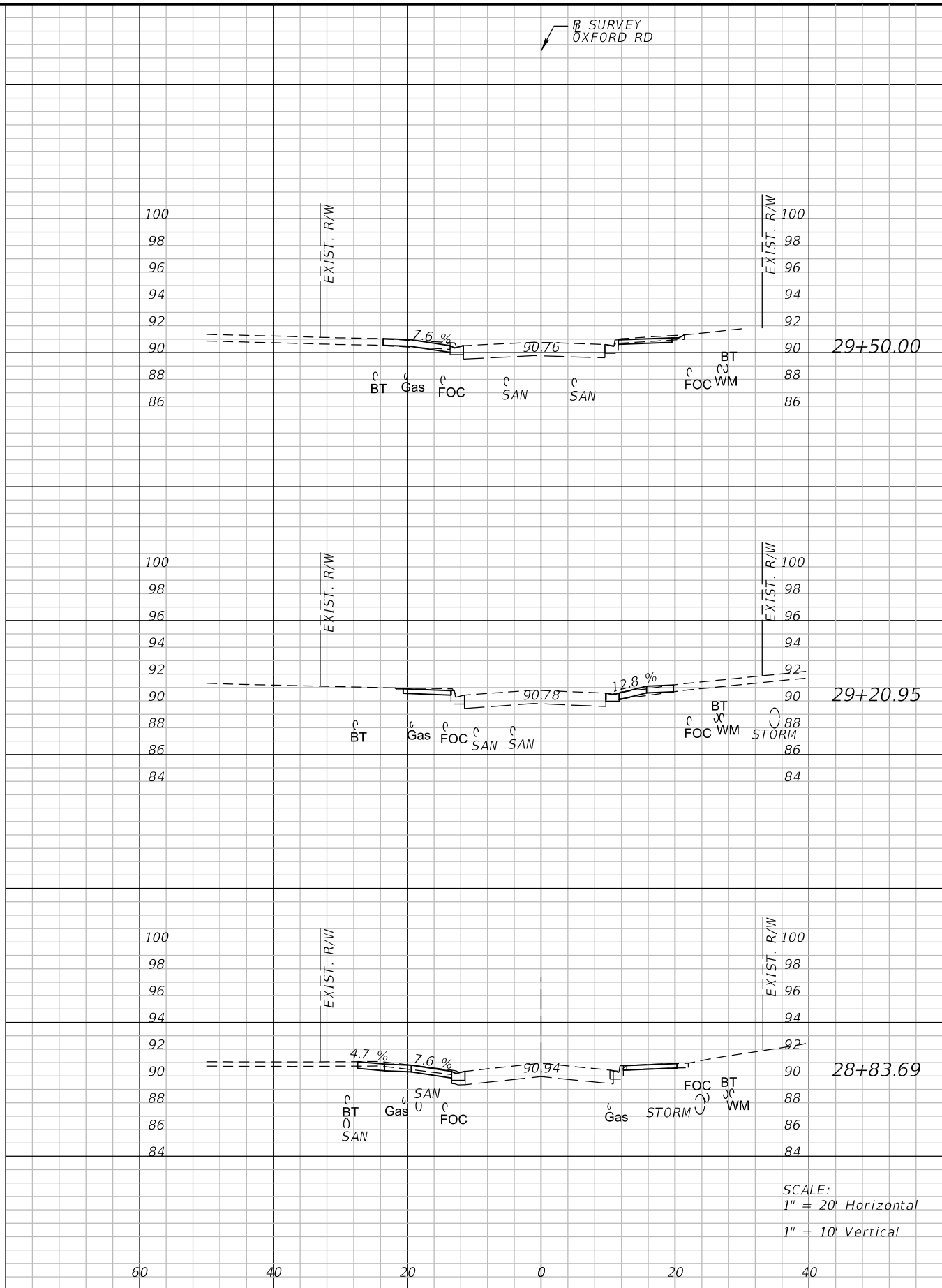
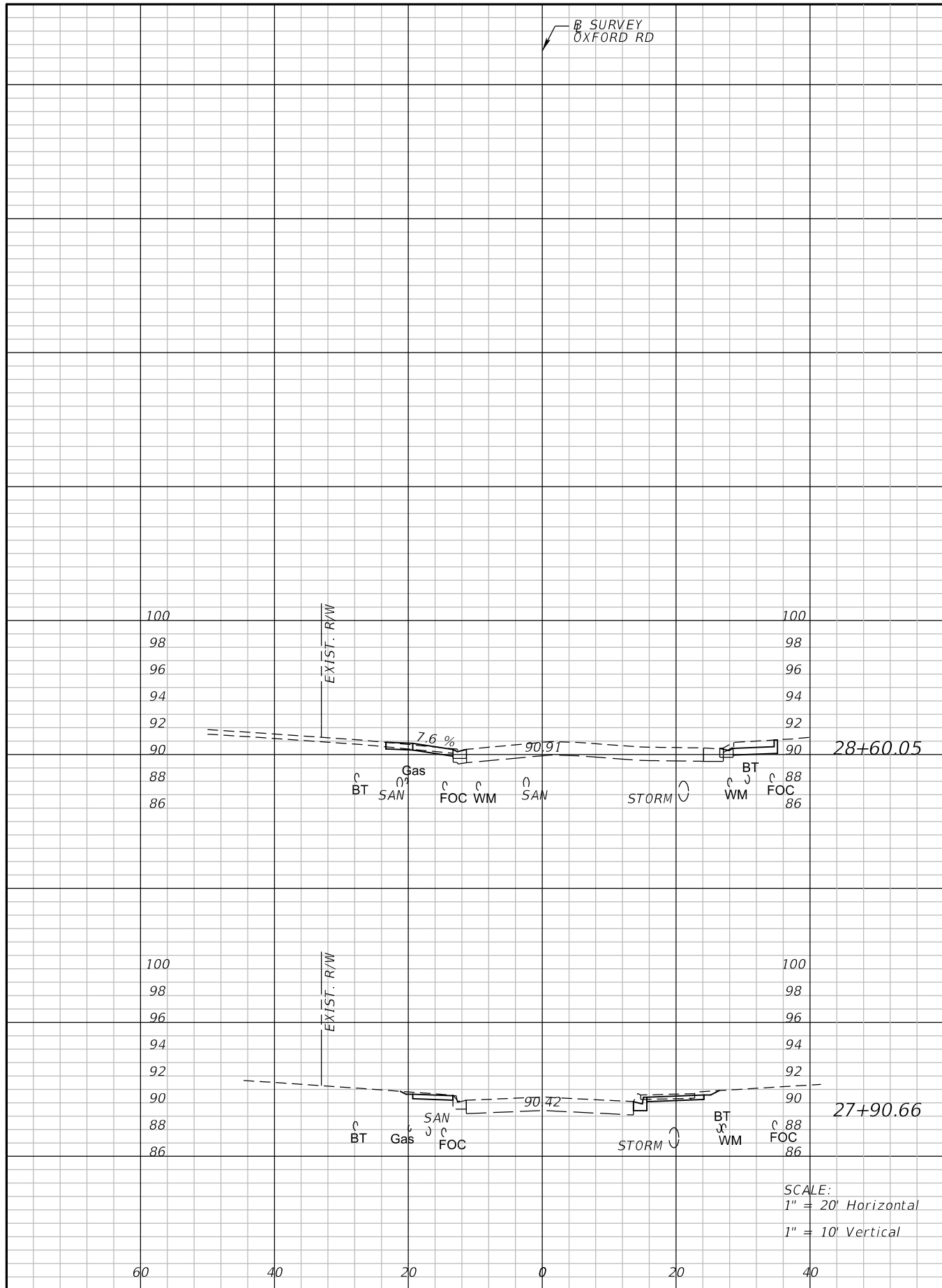
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ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

CROSS SECTIONS
OXFORD ROAD

SHEET NO.
47



SCALE:
1" = 20' Horizontal
1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

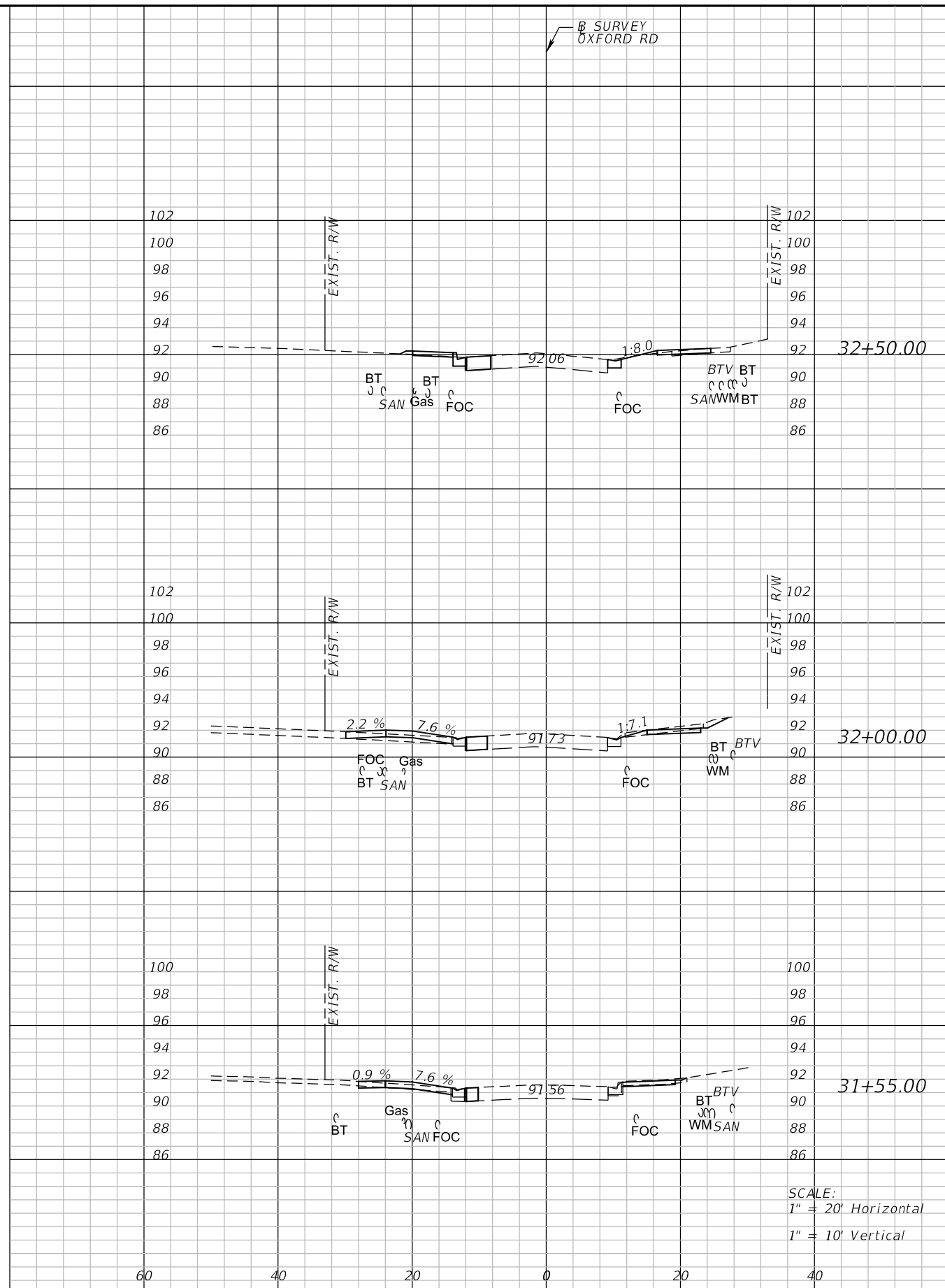
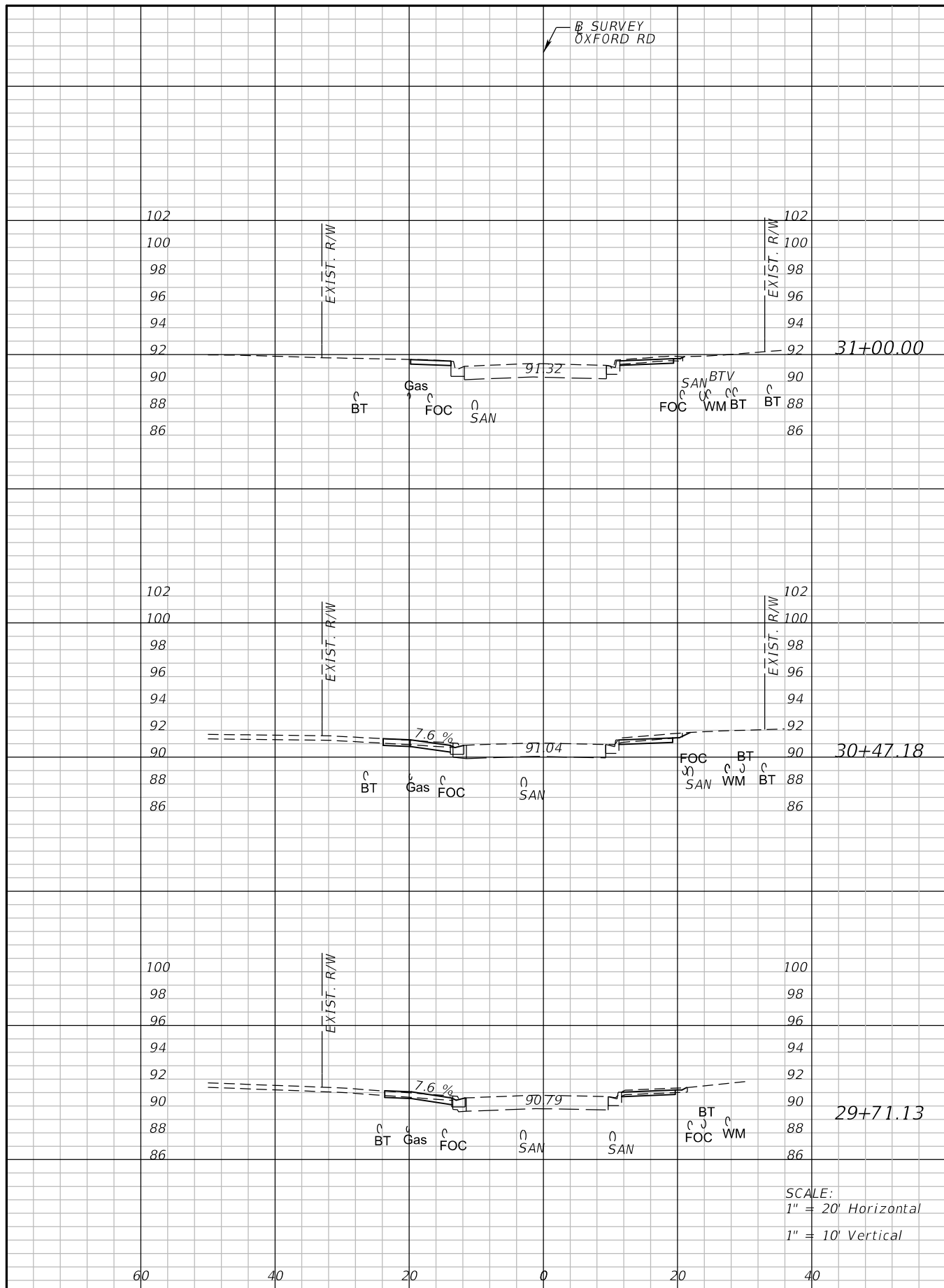
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ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

CROSS SECTIONS
OXFORD ROAD

SHEET NO.
48



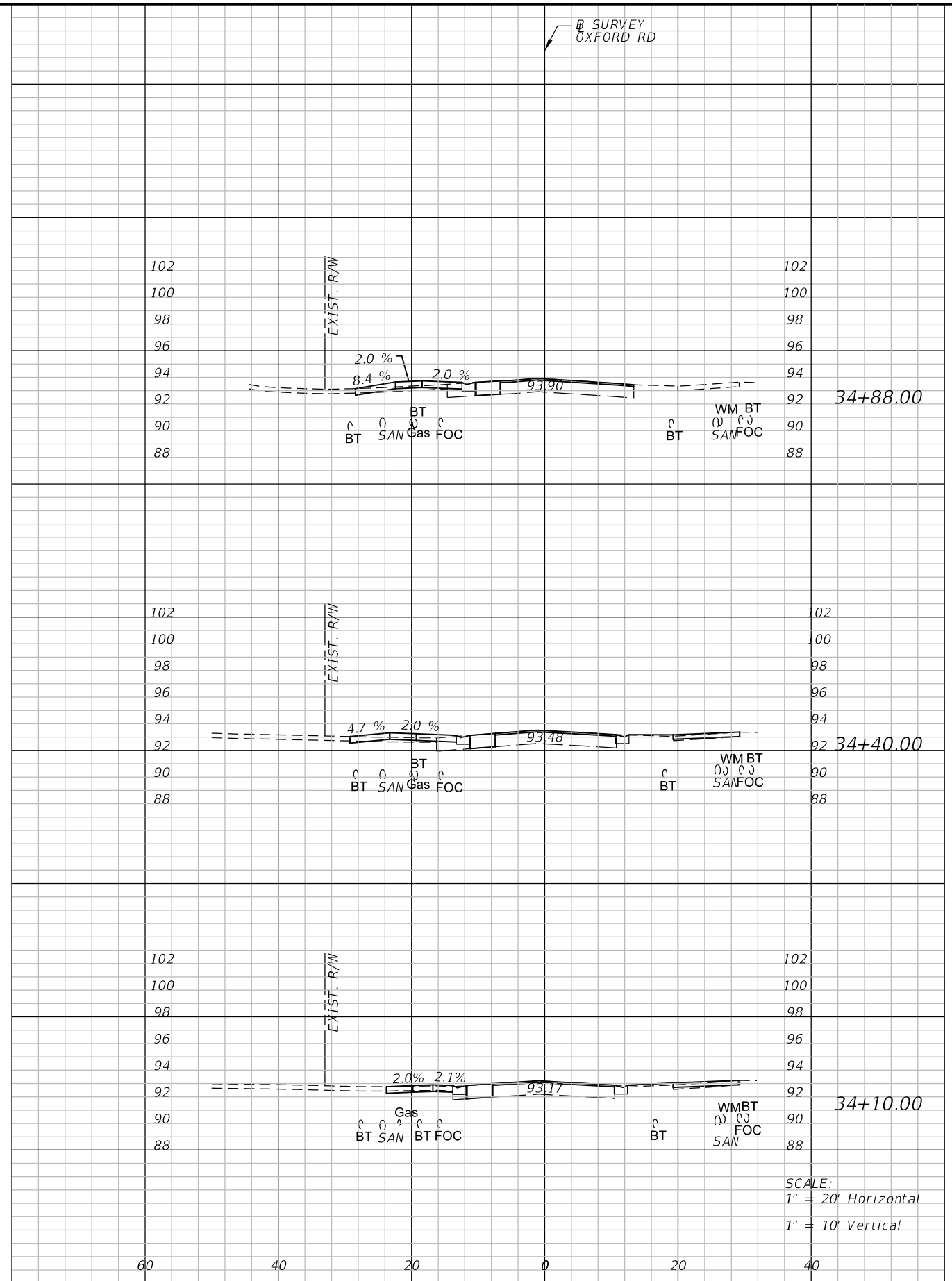
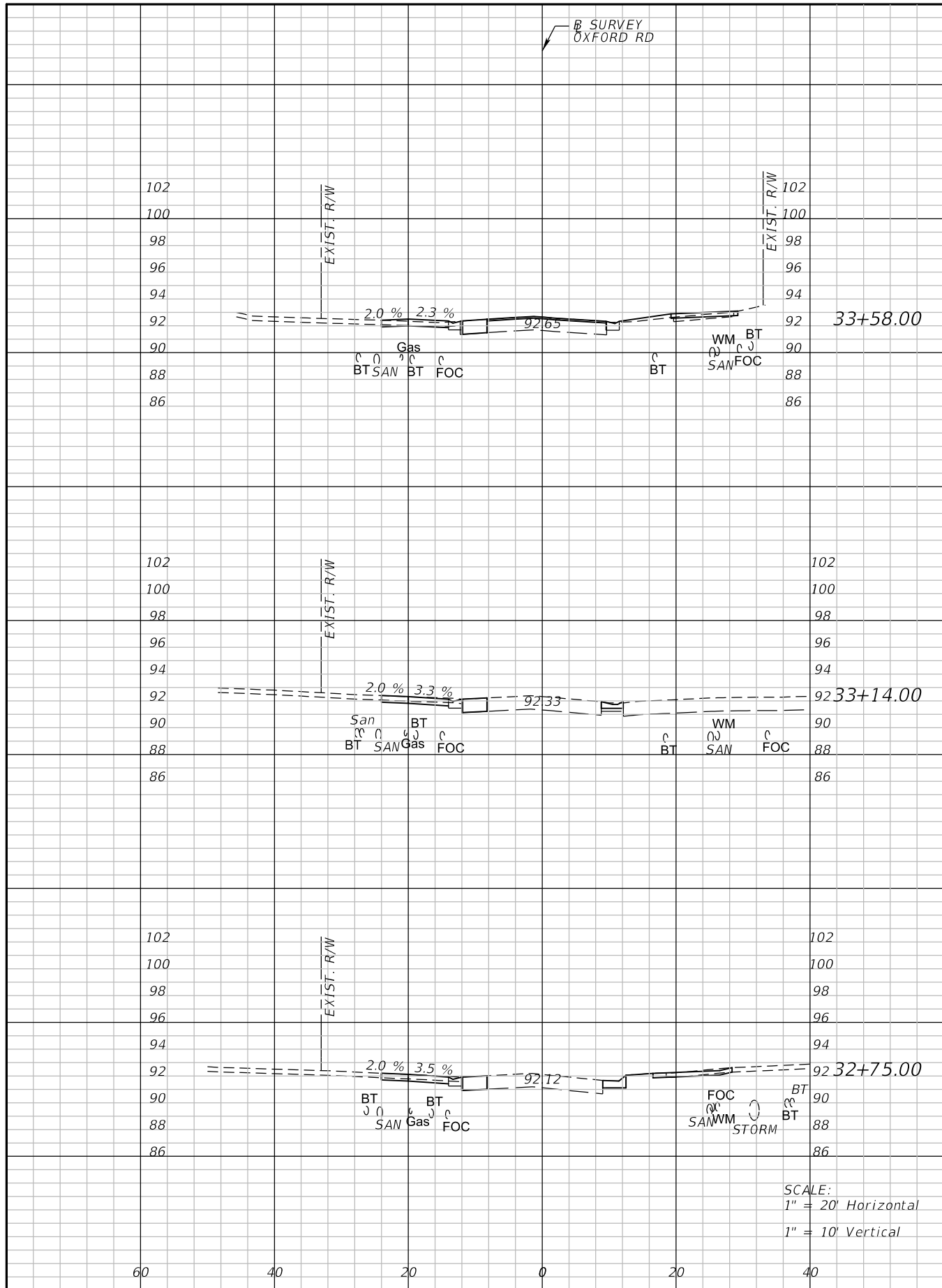
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS 02107094

CROSS SECTIONS
OXFORD ROAD

SHEET NO.
 49



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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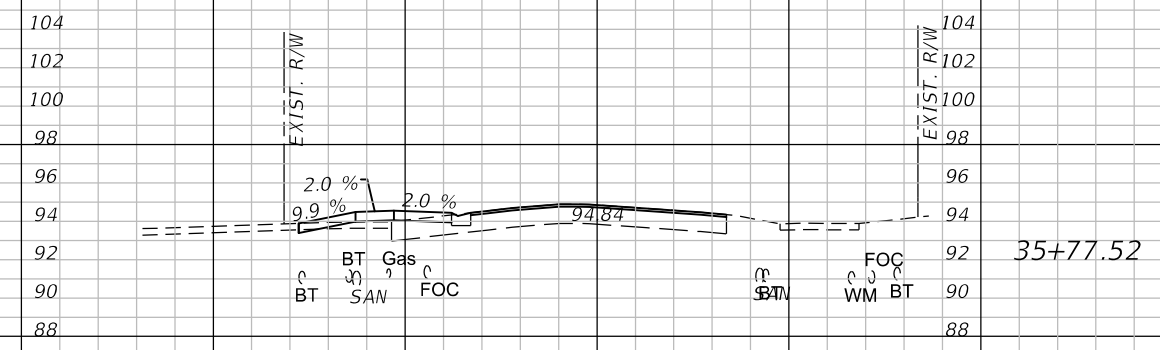
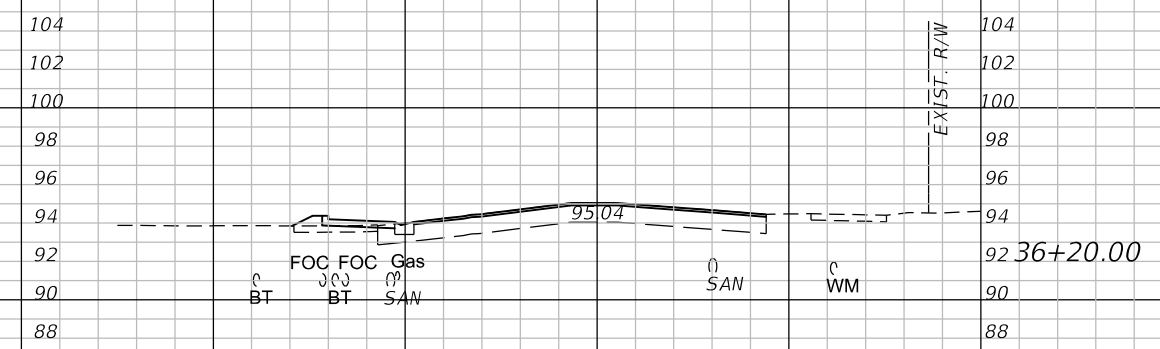
ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**CROSS SECTIONS
 OXFORD ROAD**

SHEET NO.
50

B SURVEY
OXFORD RD

END PROJECT
STA. 36+40.00



SCALE:
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

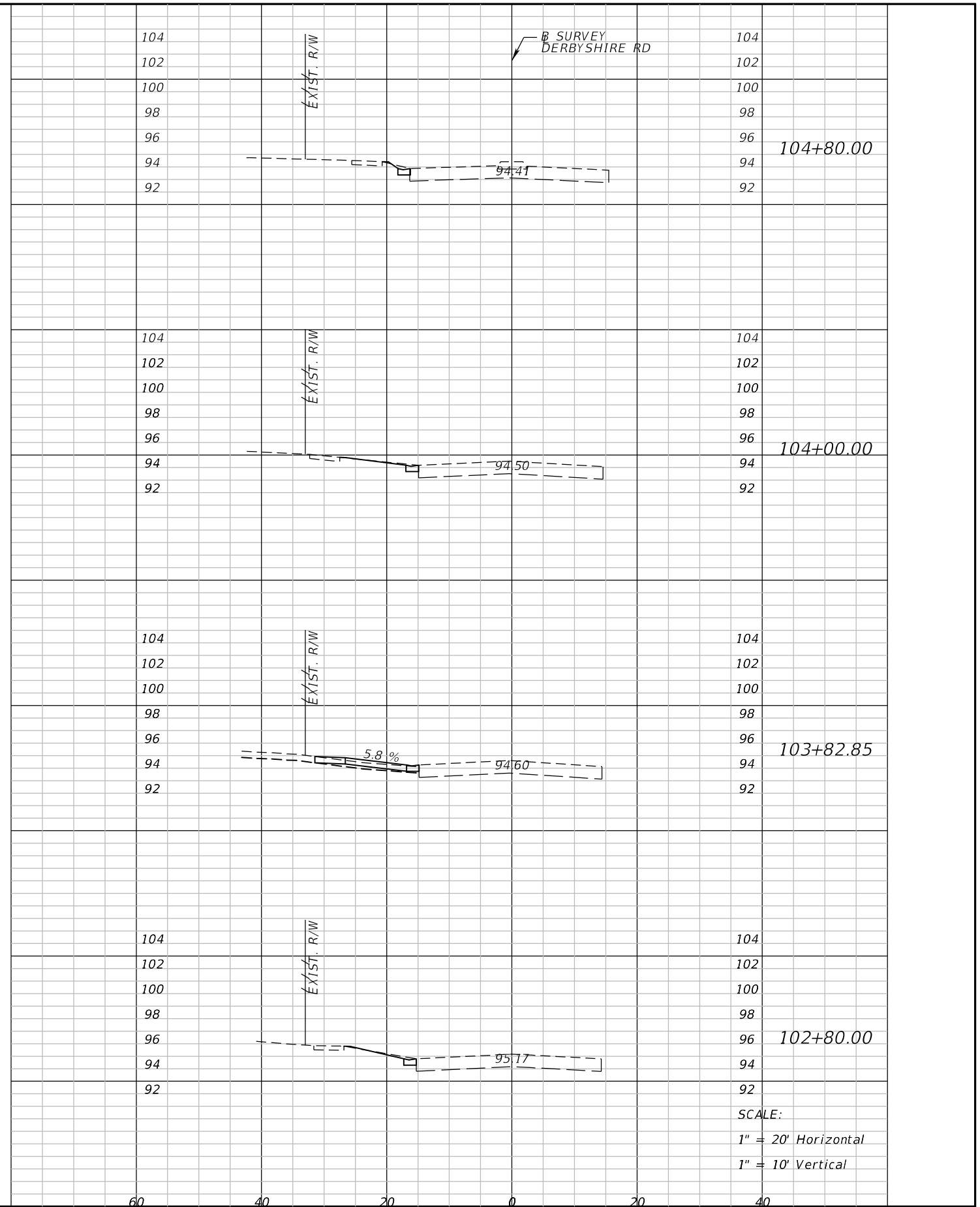
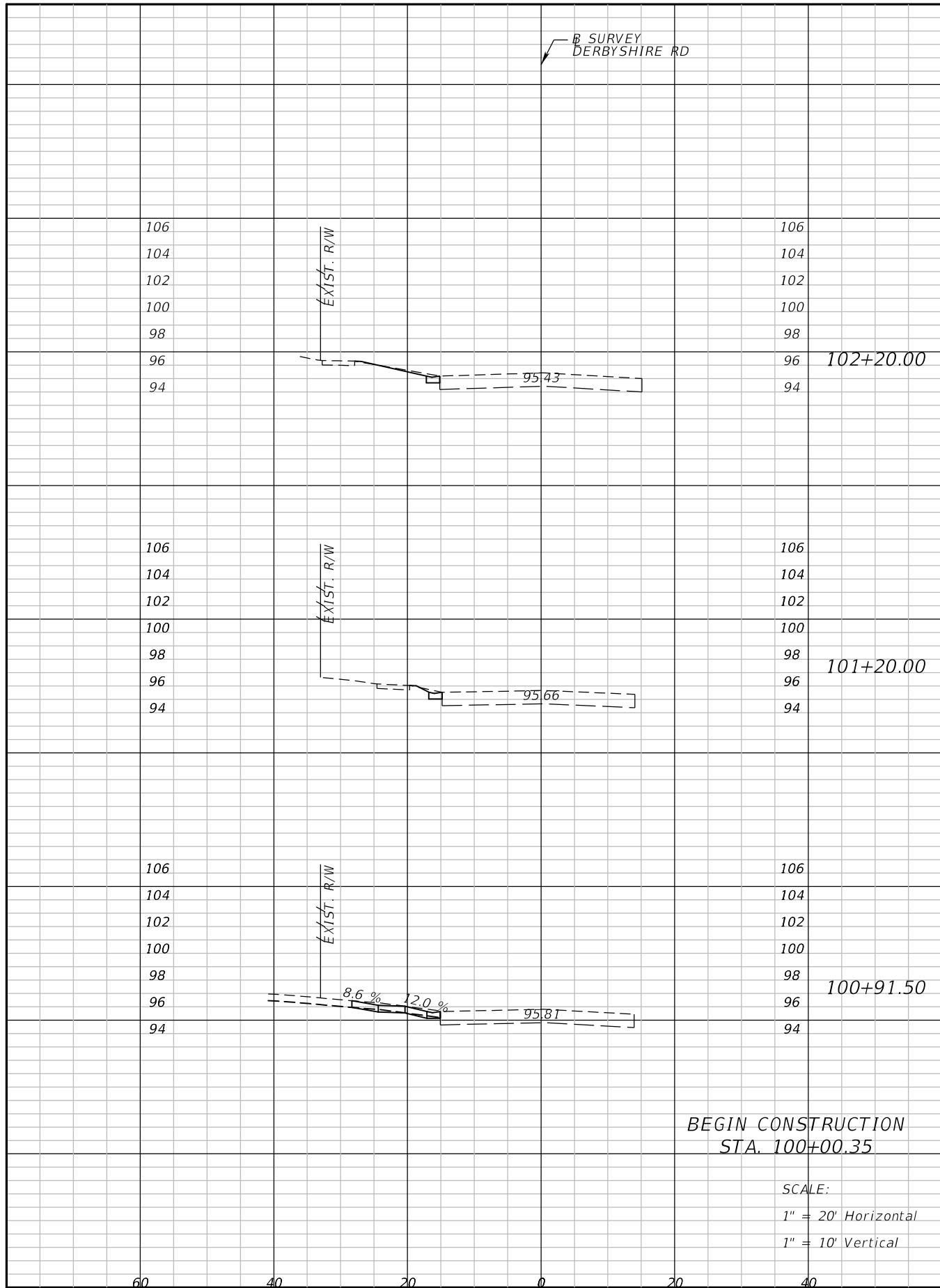
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ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

CROSS SECTIONS
OXFORD ROAD

SHEET NO.
51



BEGIN CONSTRUCTION
STA. 100+00.35

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS	
DATE	DESCRIPTION

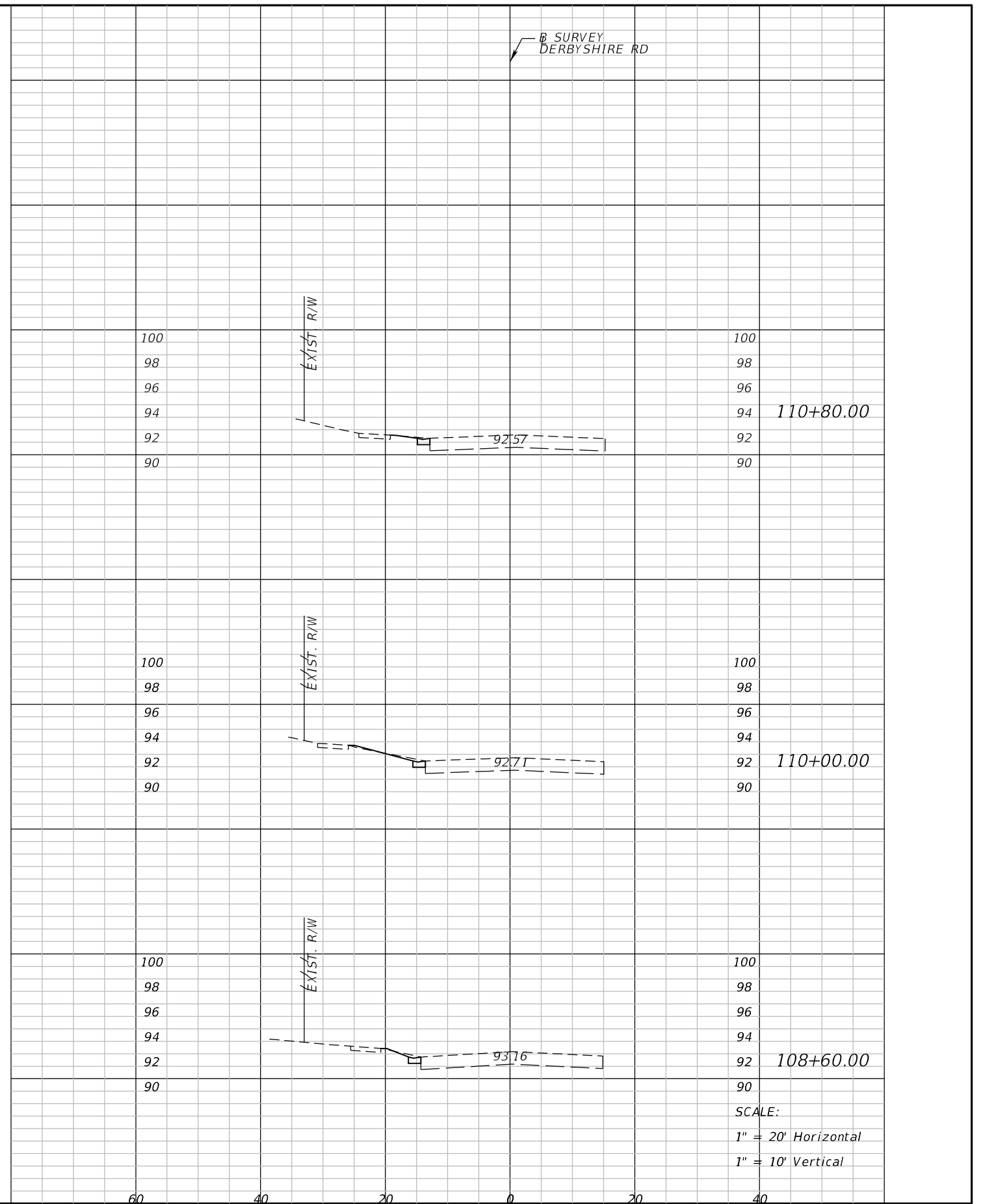
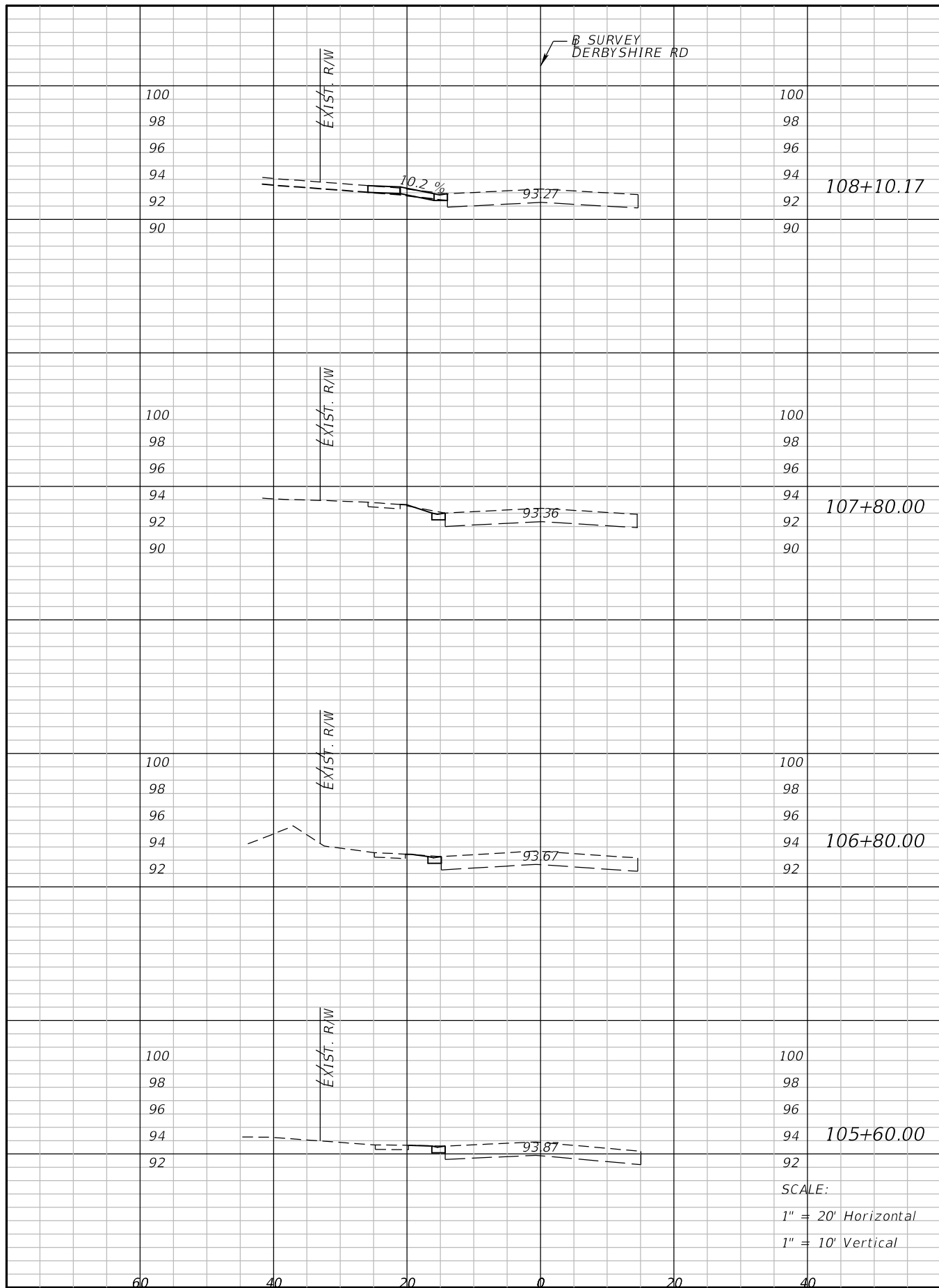
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SEMINOLE COUNTY
ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

CROSS SECTIONS
DERBYSHIRE ROAD

SHEET NO.
52



SCALE:
 1" = 20' Horizontal
 1" = 10' Vertical

SCALE:
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

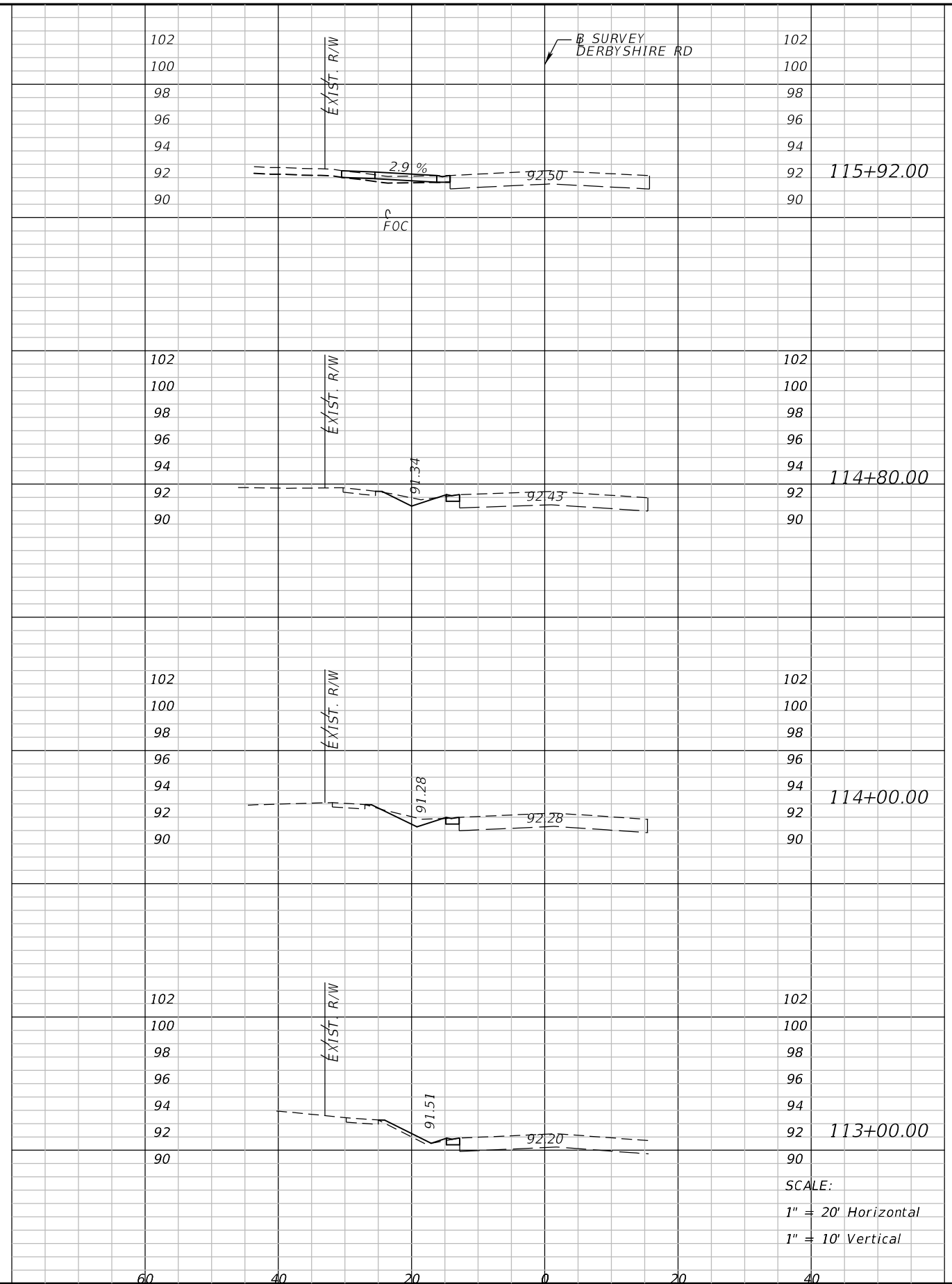
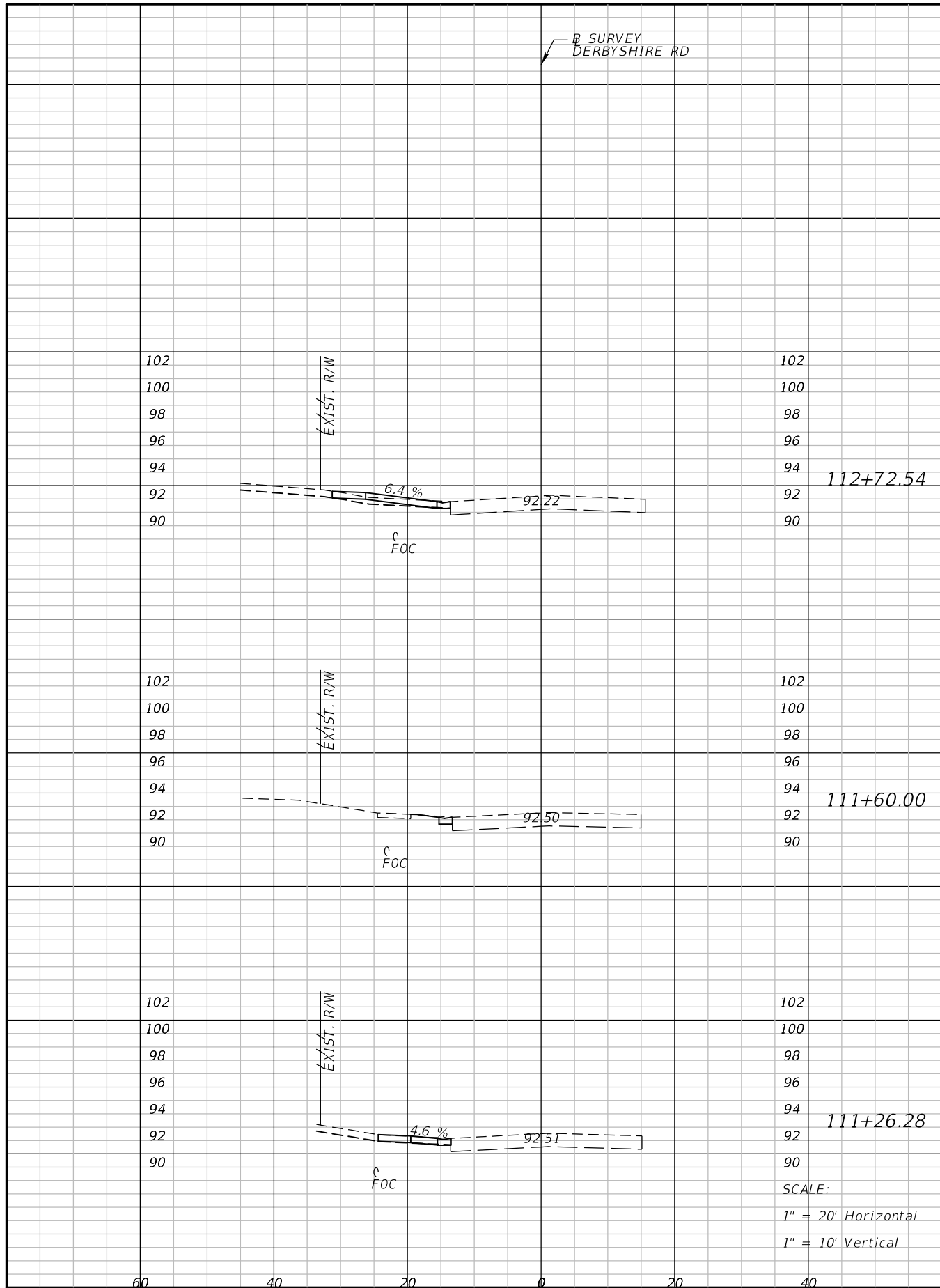
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SEMINOLE COUNTY
 ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**CROSS SECTIONS
 DERBYSHIRE ROAD**

SHEET NO.
 53



SCALE:
 1" = 20' Horizontal
 1" = 10' Vertical

SCALE:
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS	
DATE	DESCRIPTION

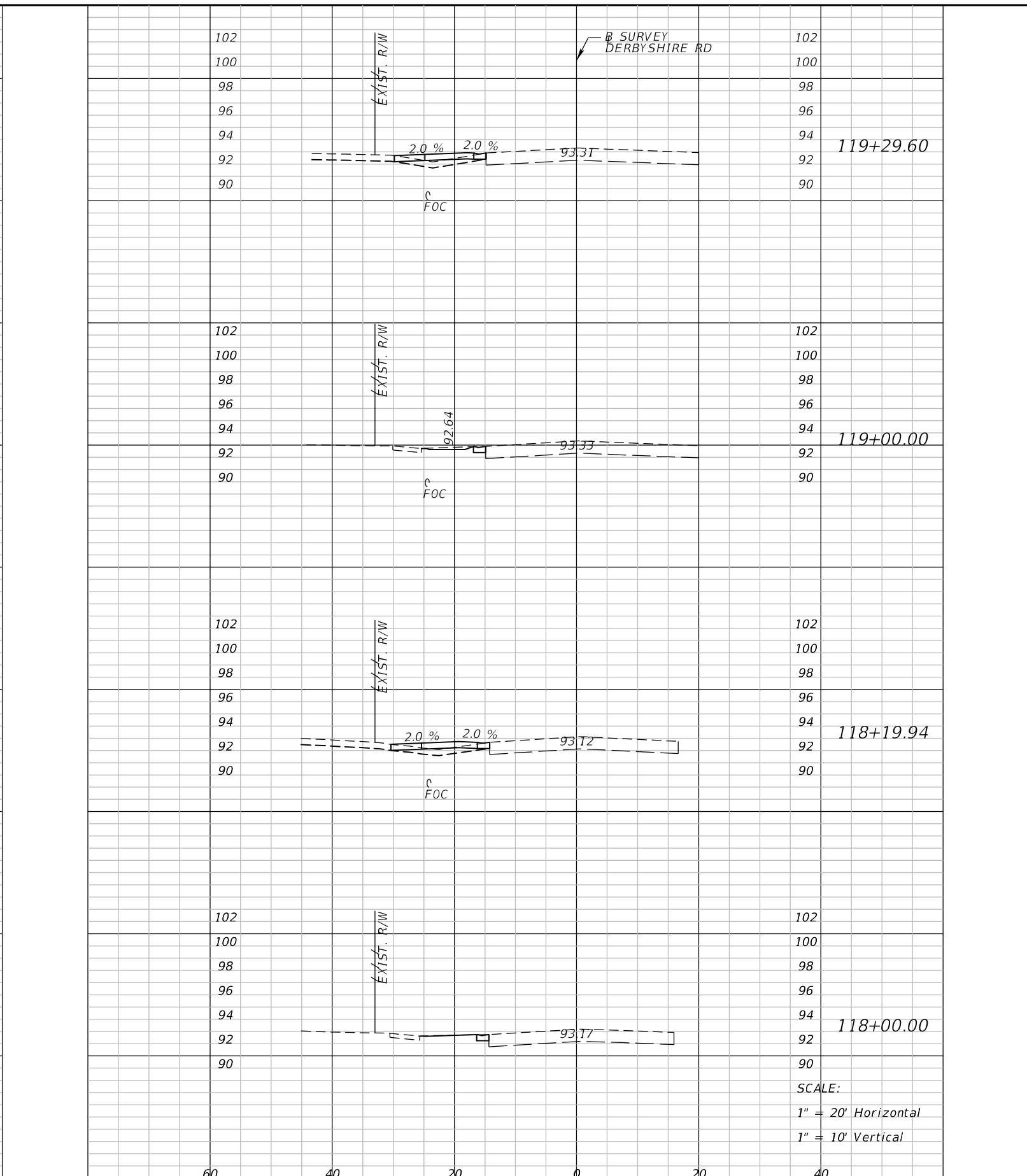
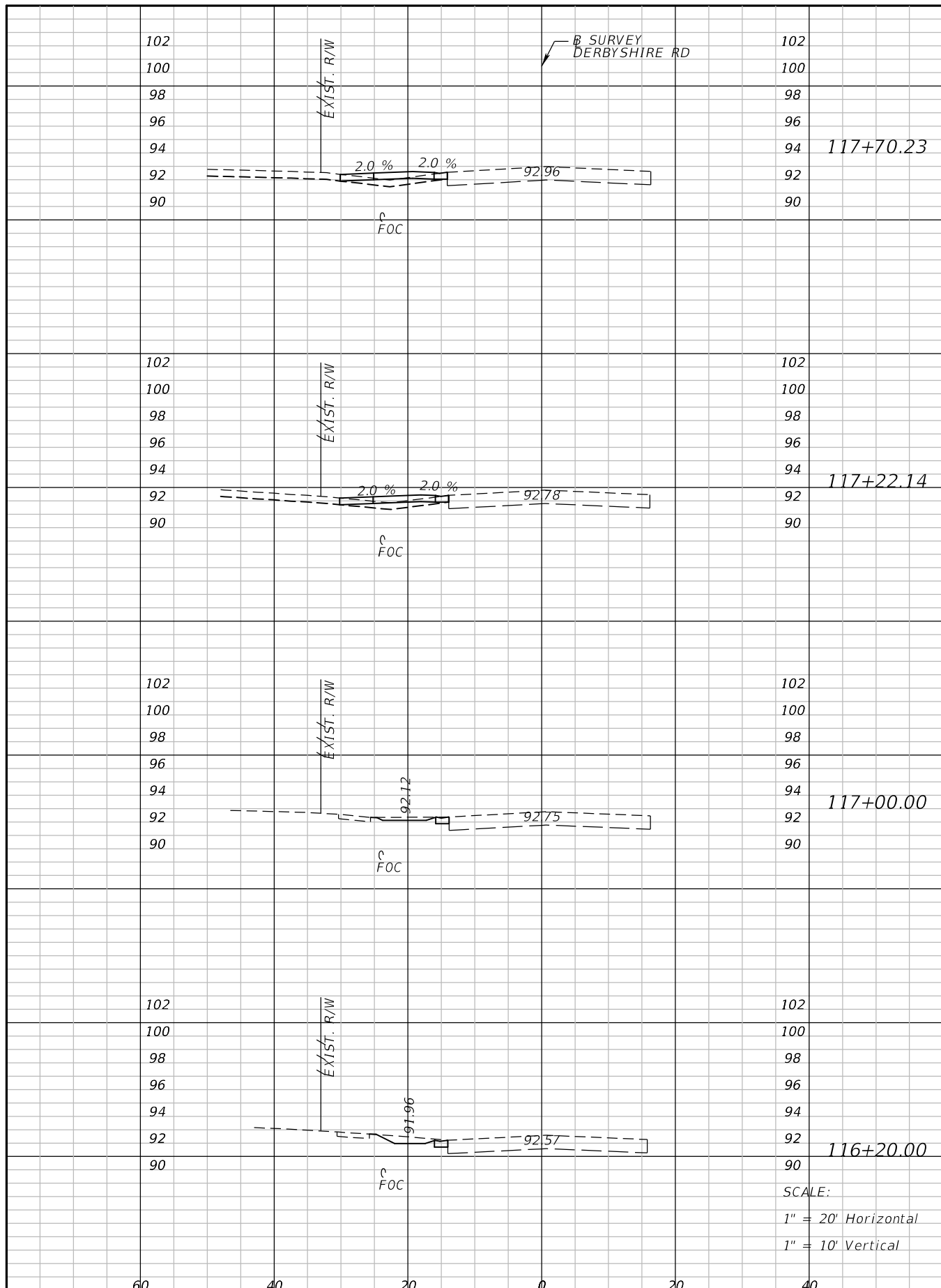
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 ENGINEERING DIVISION**

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**CROSS SECTIONS
 DERBYSHIRE ROAD**

SHEET NO.
 54



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

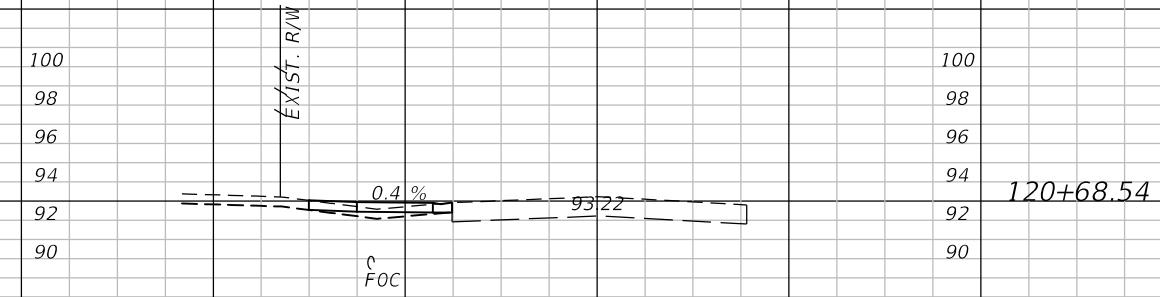
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 ENGINEERING DIVISION
 ROAD COUNTY CIP No.
 OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS 02107094

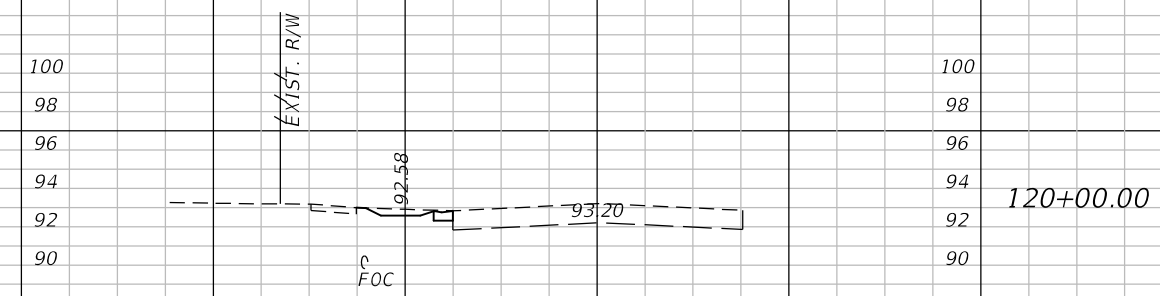
**CROSS SECTIONS
 DERBYSHIRE ROAD**

SHEET NO.
 55

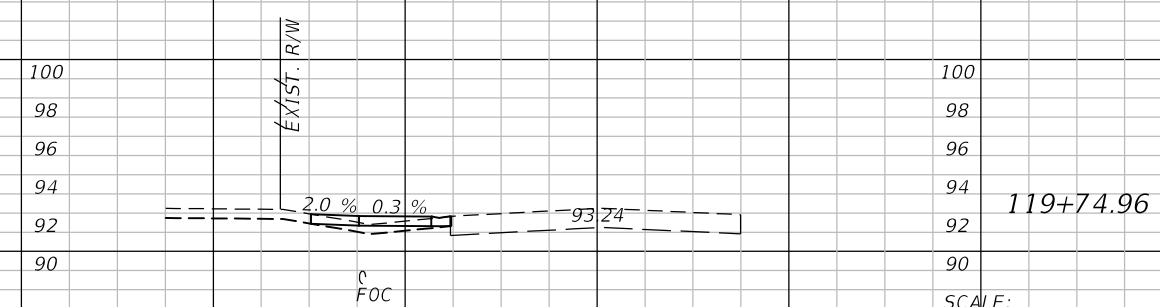
B SURVEY
DERBYSHIRE RD



120+68.54



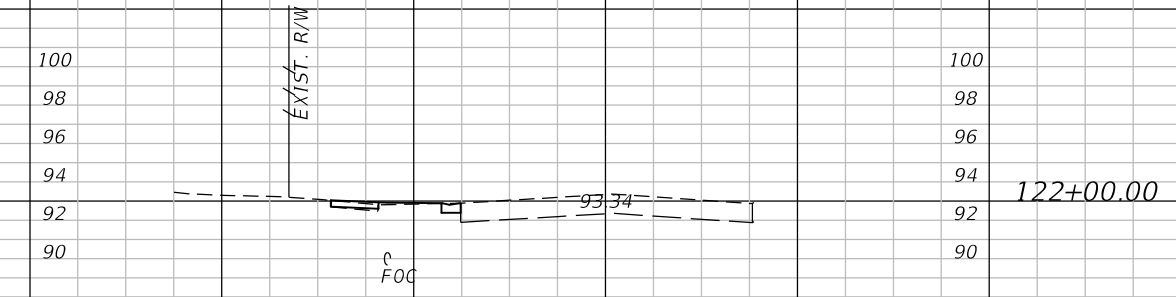
120+00.00



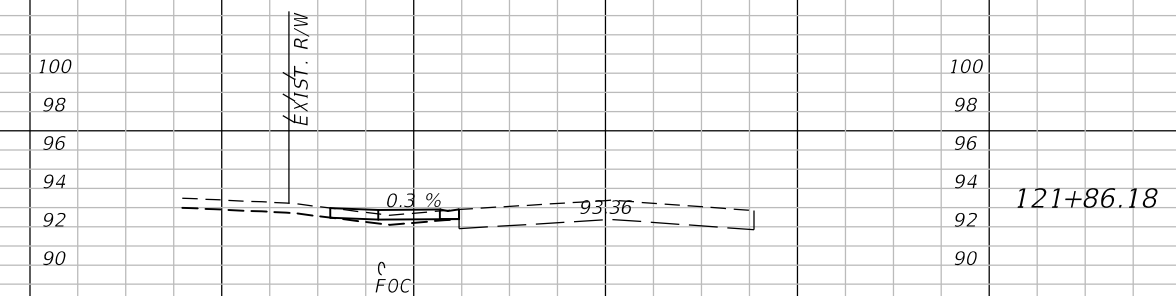
119+74.96

SCALE:
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1" = 10' Vertical

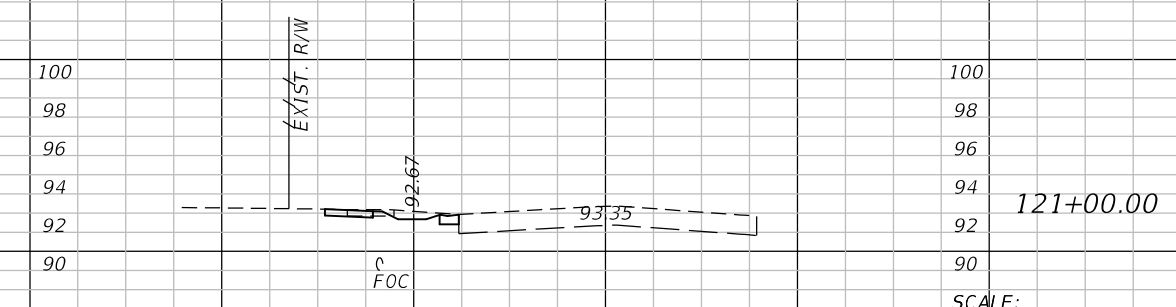
B SURVEY
DERBYSHIRE RD



122+00.00



121+86.18



121+00.00

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

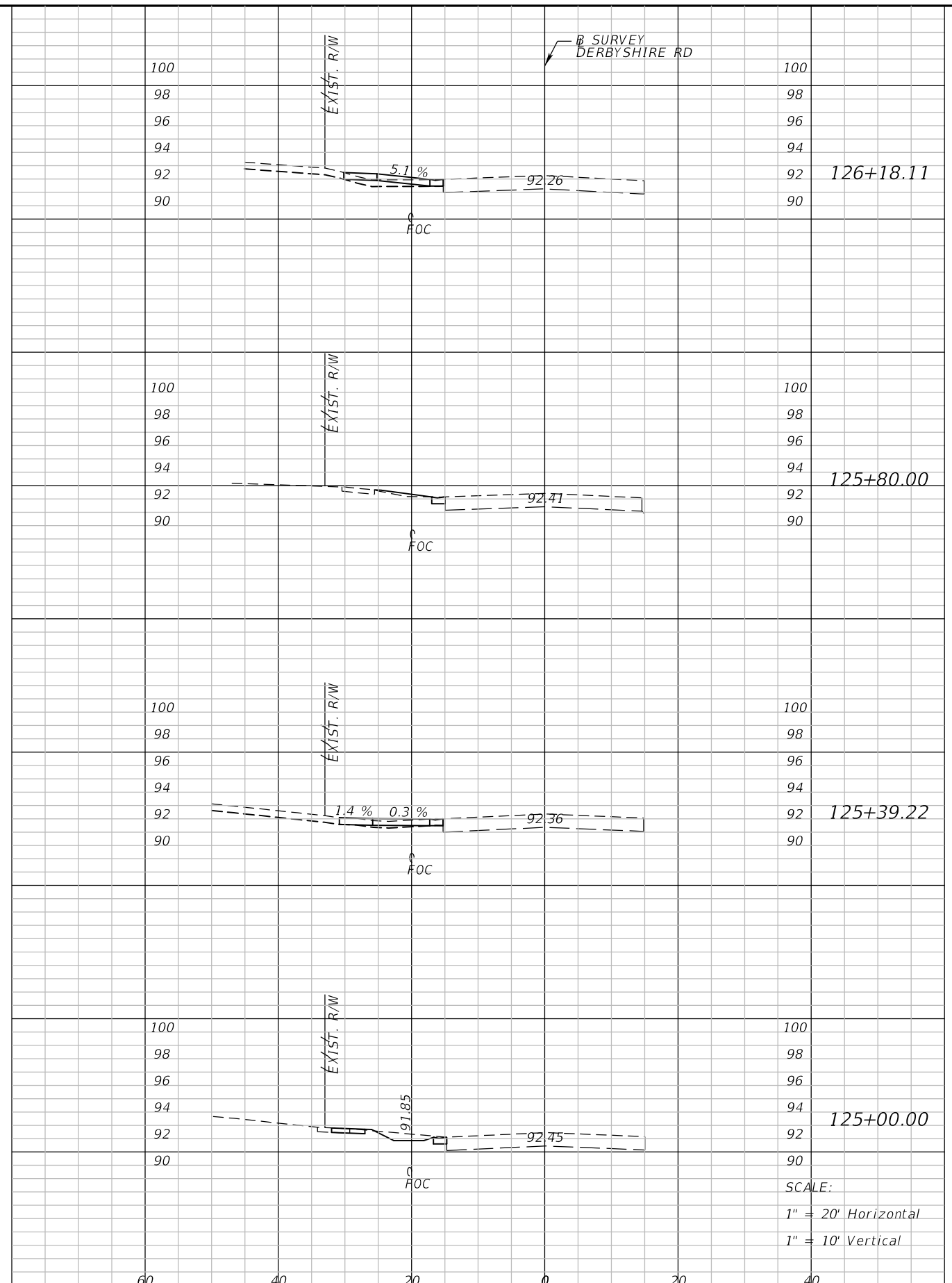
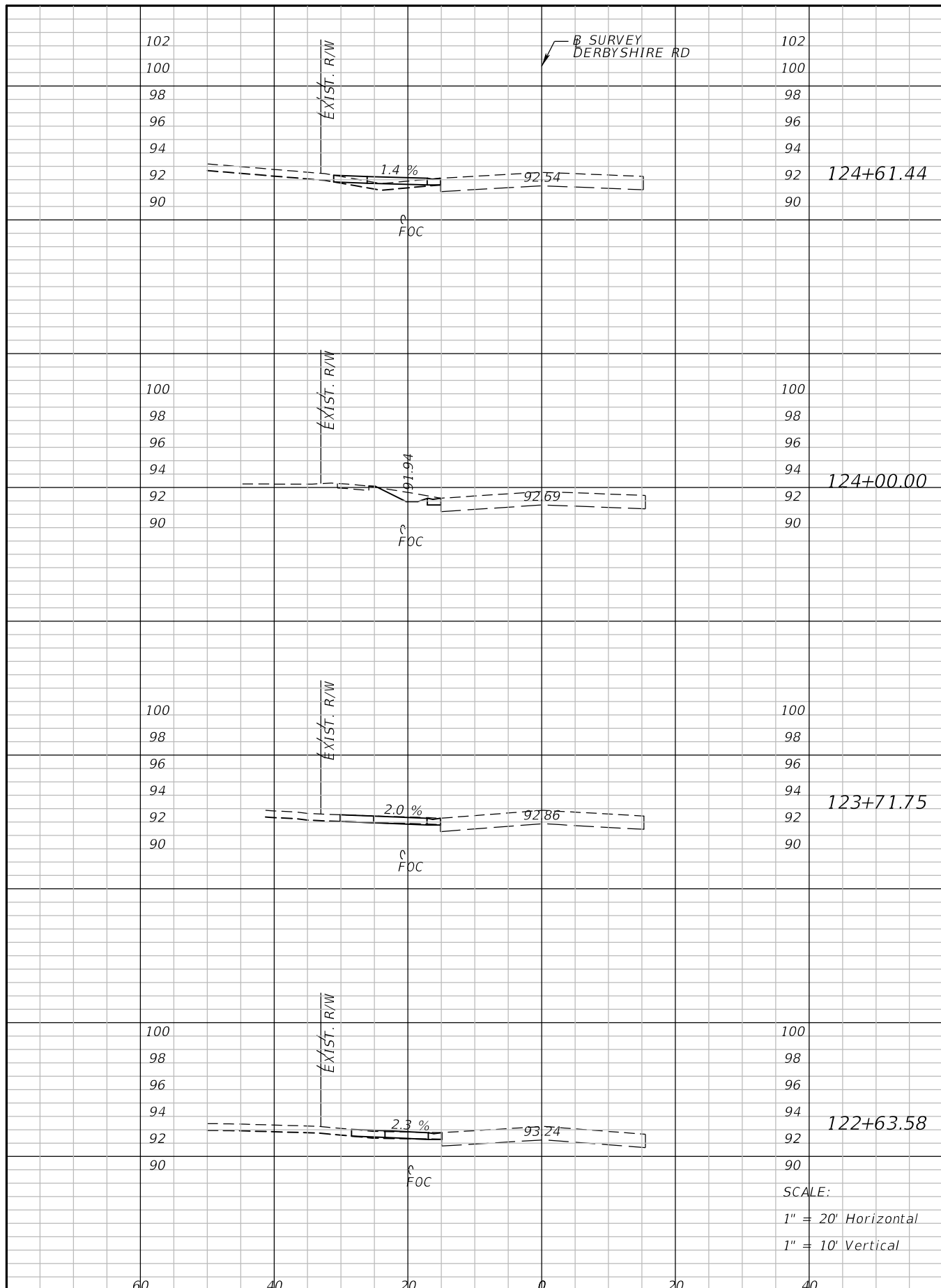
REVISIONS	
DATE	DESCRIPTION

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ROAD COUNTY CIP No.
OXFORD ROAD SIDEWALK AND
DRAINAGE IMPROVEMENTS 02107094

**CROSS SECTIONS
DERBYSHIRE ROAD**

SHEET
NO.
56



REVISIONS	
DATE	DESCRIPTION

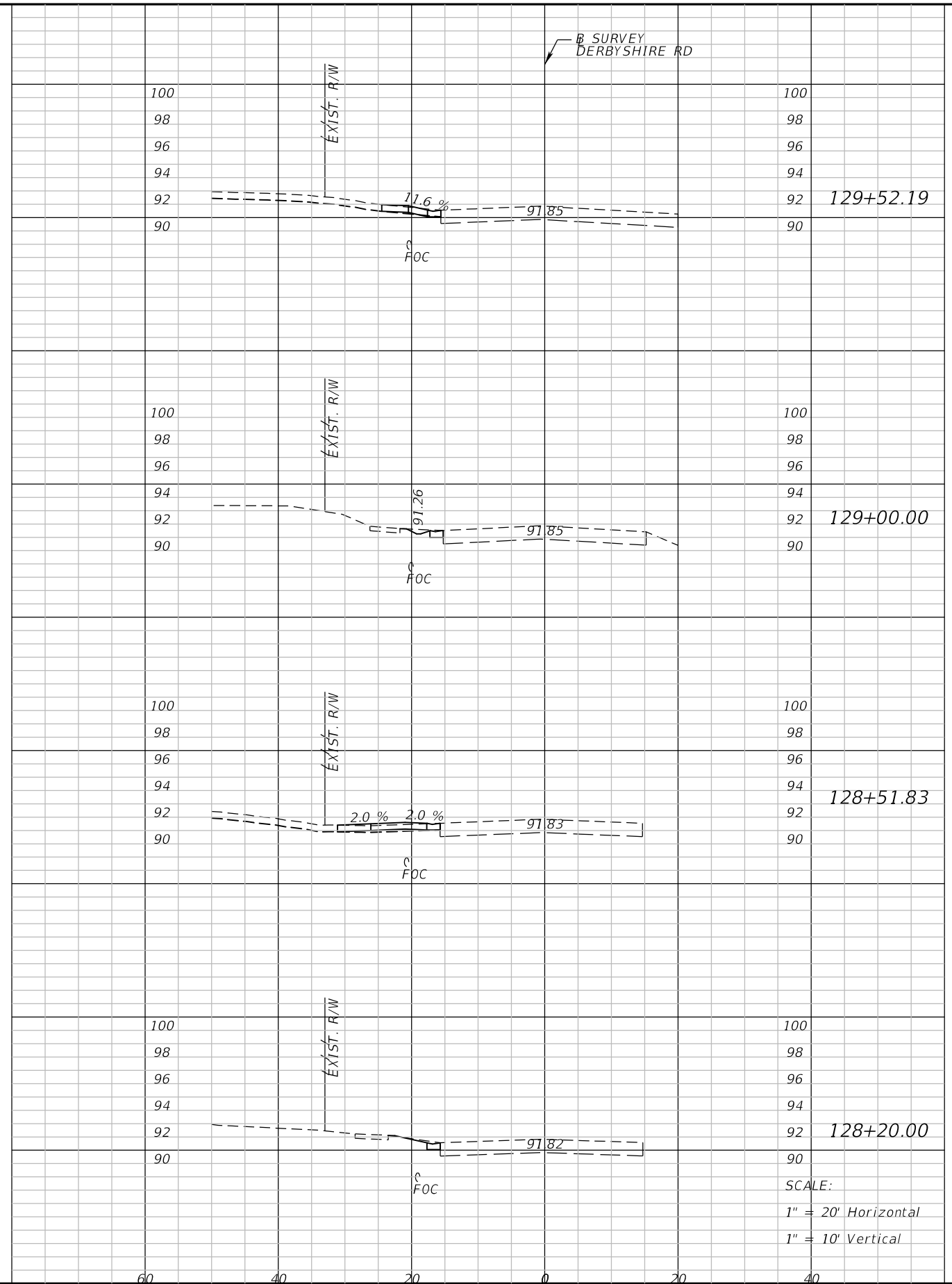
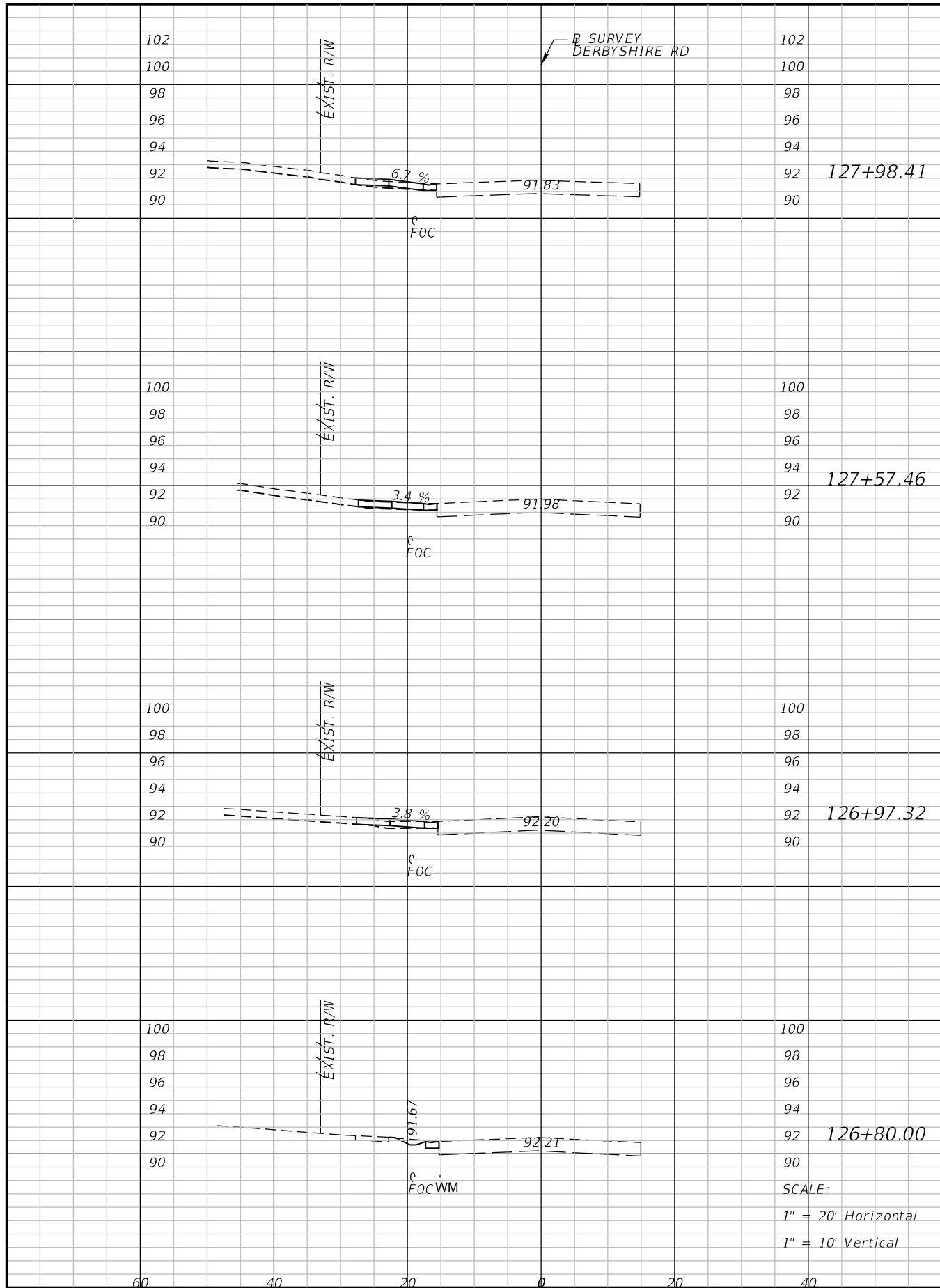
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SEMINOLE COUNTY
 ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**CROSS SECTIONS
 DERBYSHIRE ROAD**

SHEET NO.
 57



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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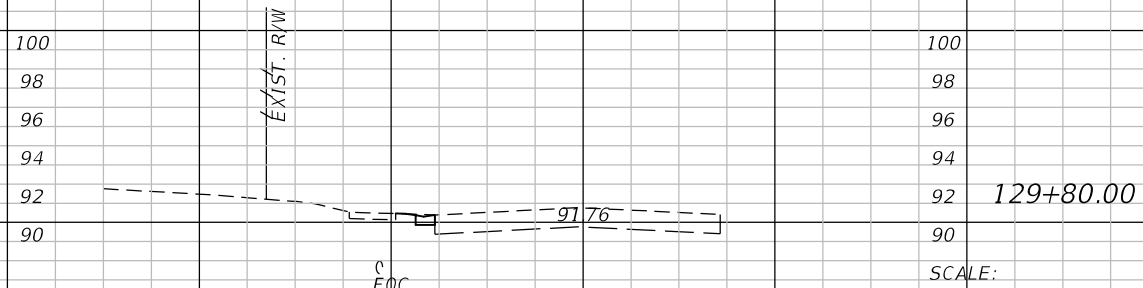
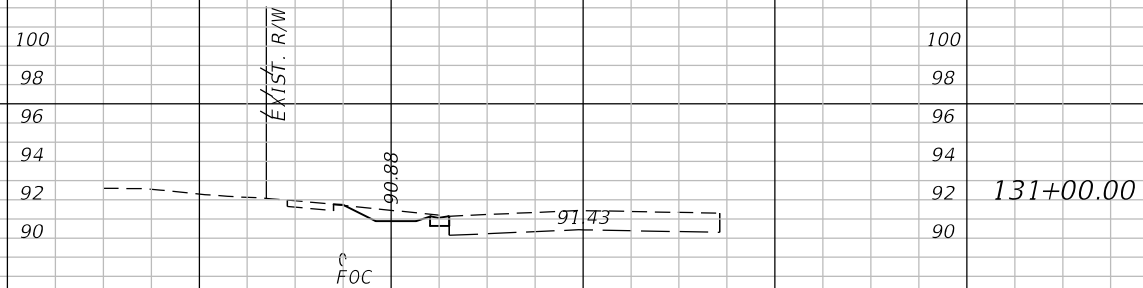
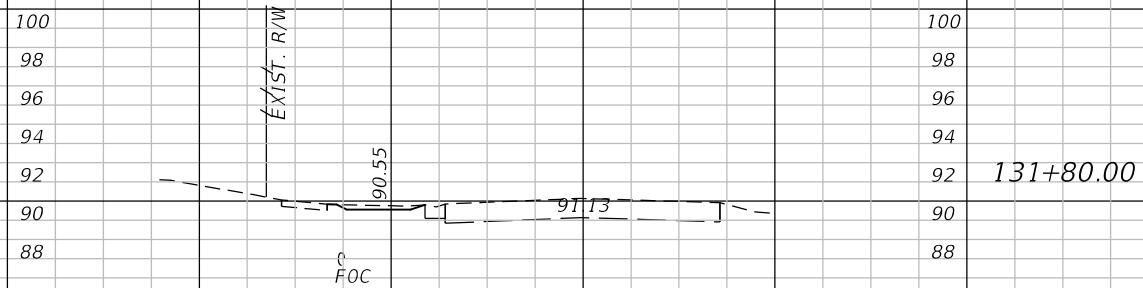
SEMINOLE COUNTY
 ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**CROSS SECTIONS
 DERBYSHIRE ROAD**

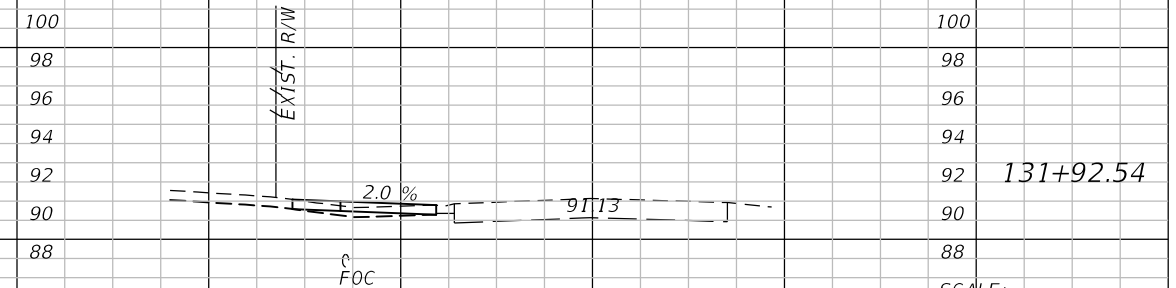
SHEET NO.
 58

B SURVEY
DERBYSHIRE RD



SCALE:
1" = 20' Horizontal
1" = 10' Vertical

B SURVEY
DERBYSHIRE RD



SCALE:
1" = 20' Horizontal
1" = 10' Vertical

END CONSTRUCTION
STA. 132+03.86

REVISIONS	
DATE	DESCRIPTION

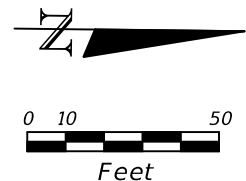
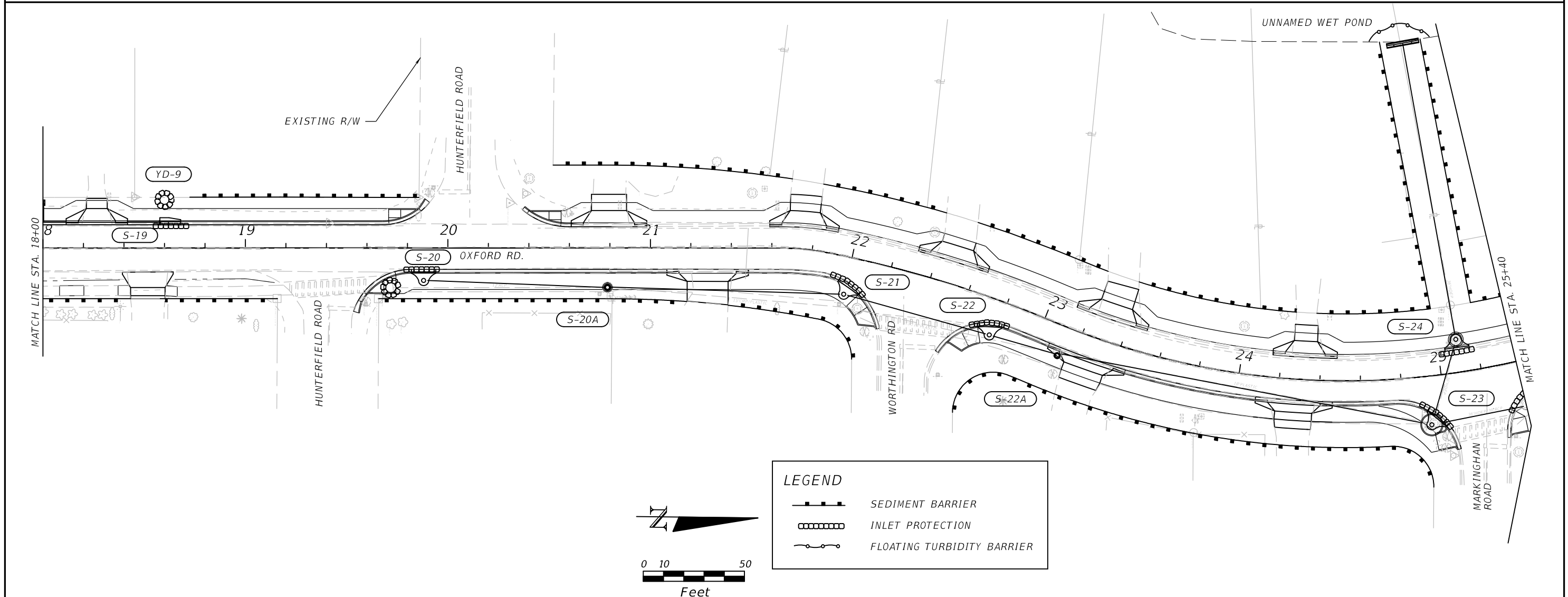
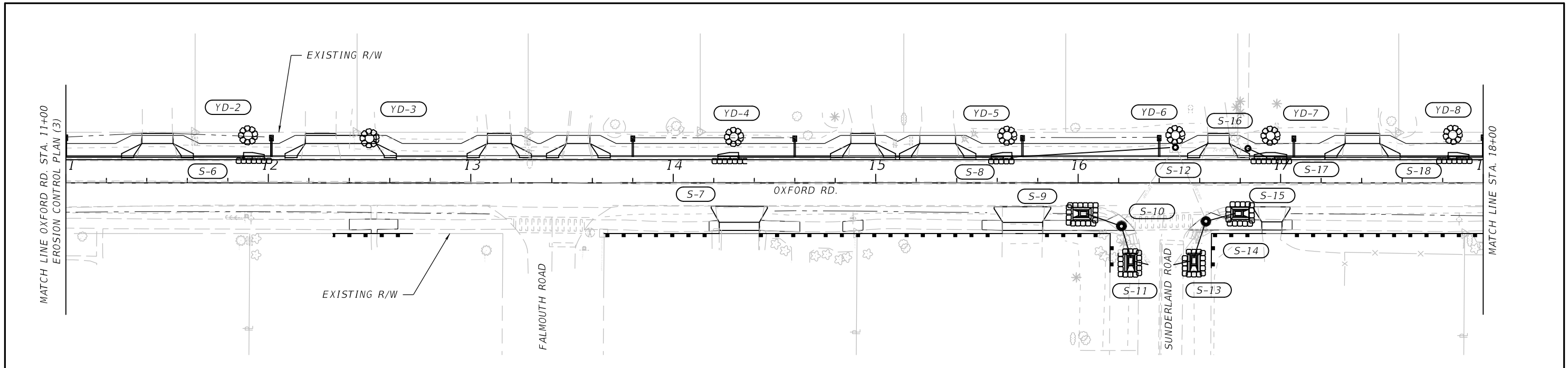
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ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**CROSS SECTIONS
DERBYSHIRE ROAD**

SHEET NO.
59



LEGEND	
	SEDIMENT BARRIER
	INLET PROTECTION
	FLOATING TURBIDITY BARRIER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

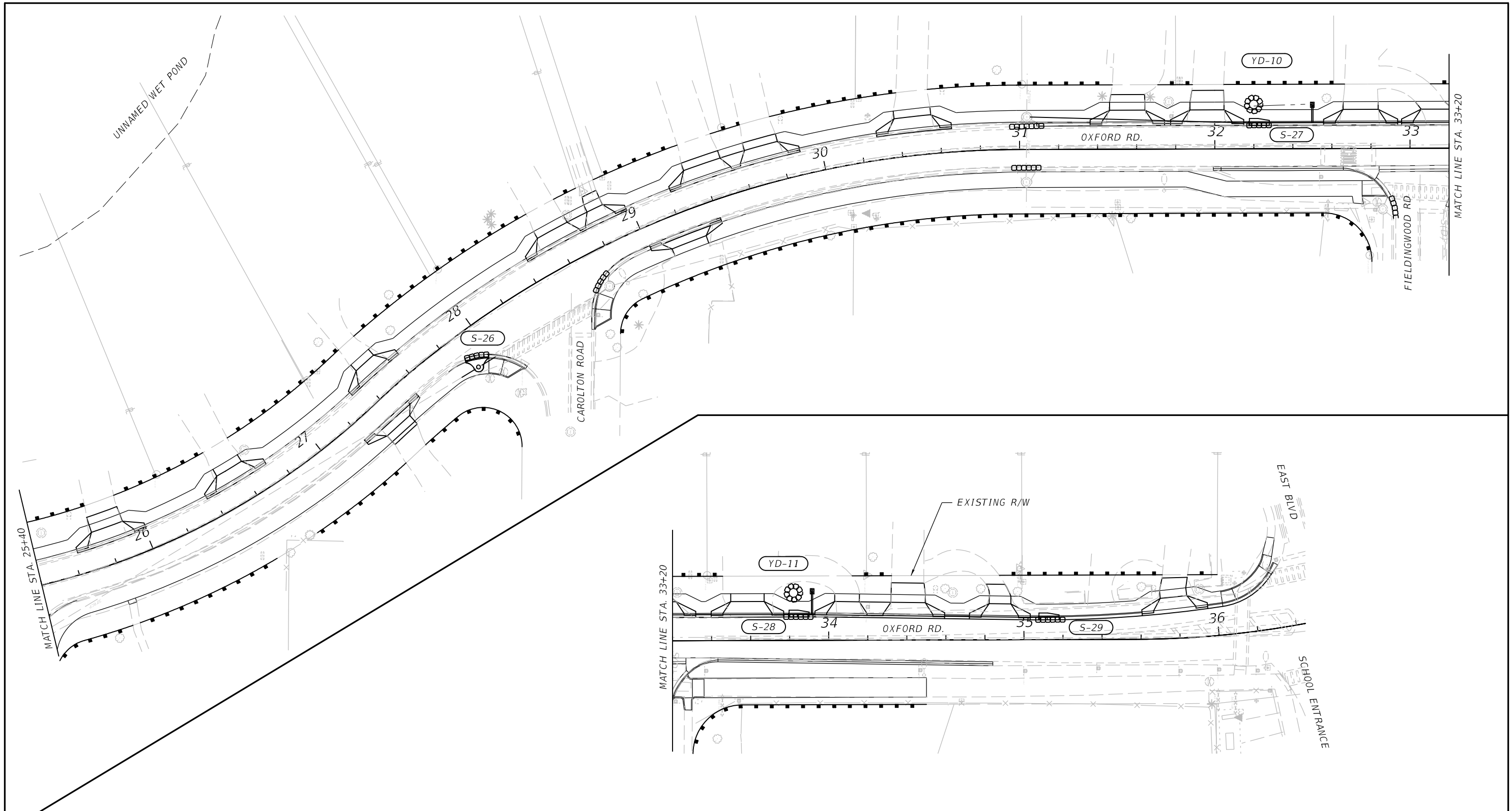
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ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

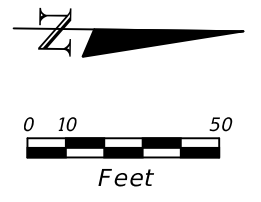
EROSION CONTROL PLAN (1)
OXFORD ROAD

SHEET
NO.
61



LEGEND

	SEDIMENT BARRIER
	INLET PROTECTION
	FLOATING TURBIDITY BARRIER



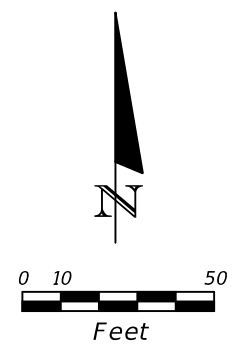
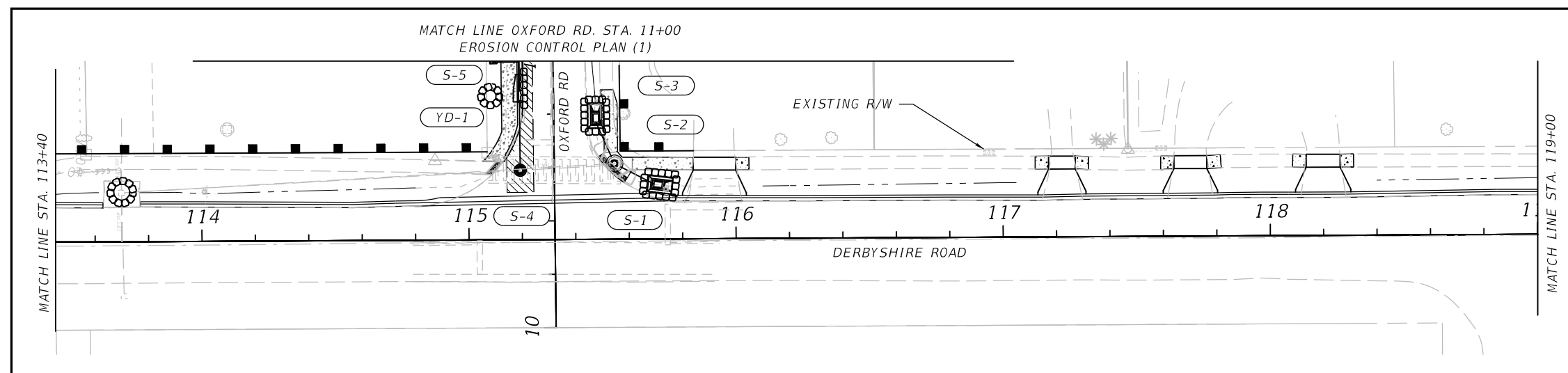
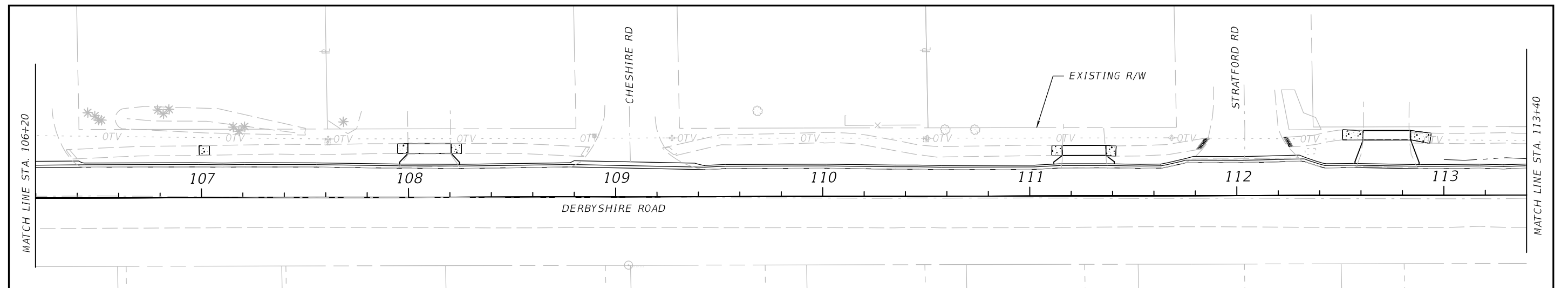
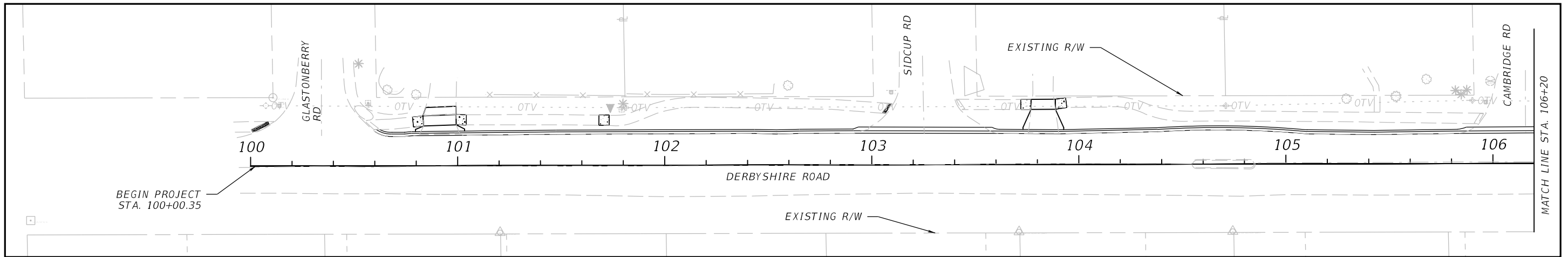
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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SEMINOLE COUNTY ENGINEERING DIVISION	
ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

EROSION CONTROL PLAN (2)
OXFORD ROAD

SHEET
NO.
62



LEGEND	
	SEDIMENT BARRIER
	INLET PROTECTION
	FLOATING TURBIDITY BARRIER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS

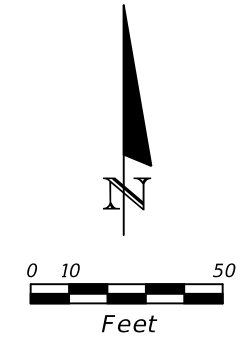
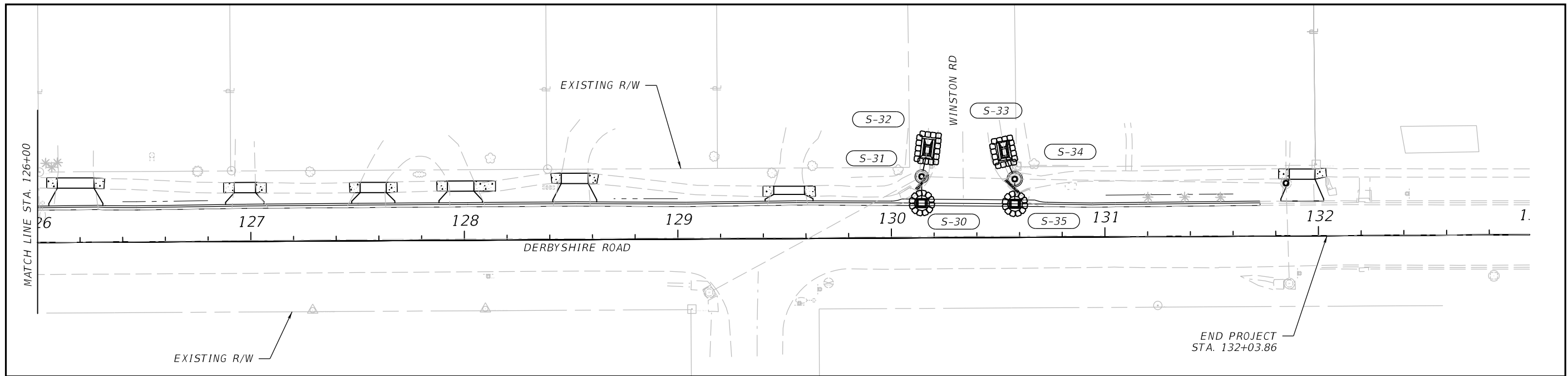
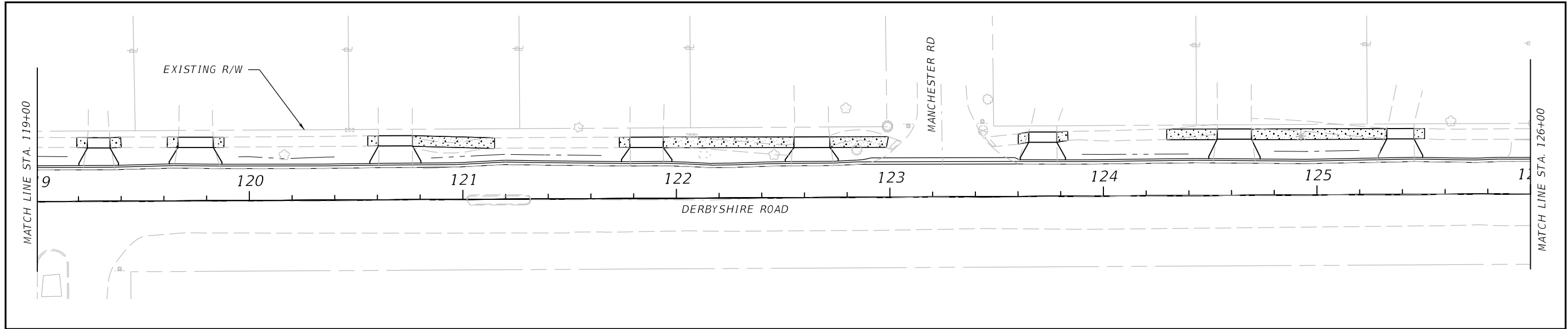
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SEMINOLE COUNTY
ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

EROSION CONTROL PLAN (3)
DERBYSHIRE ROAD

SHEET NO.
63



LEGEND	
	SEDIMENT BARRIER
	INLET PROTECTION
	FLOATING TURBIDITY BARRIER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS

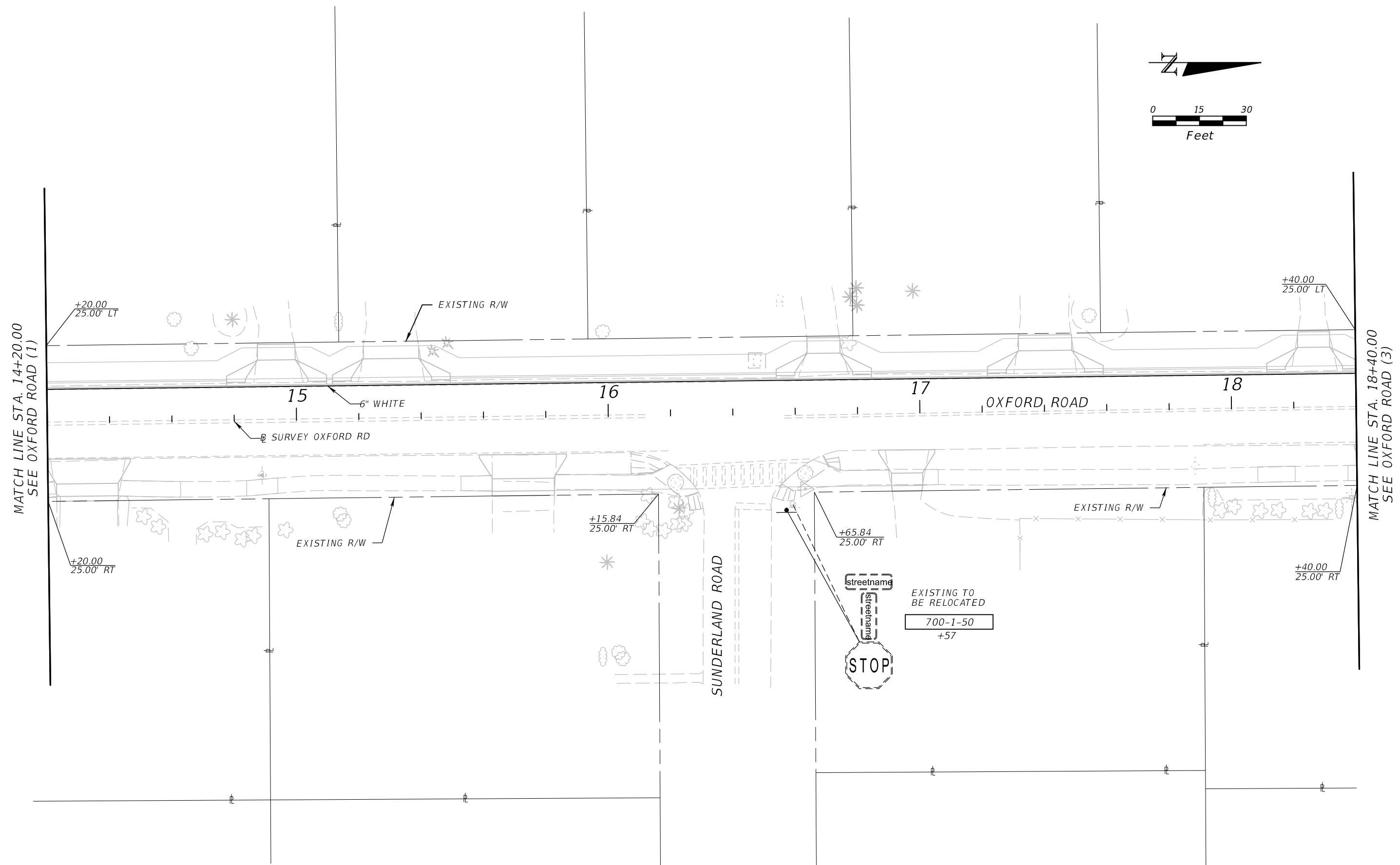
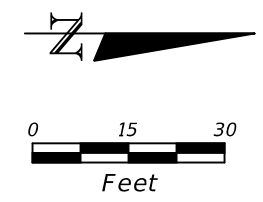
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ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

EROSION CONTROL PLAN (2)
DERBYSHIRE ROAD

SHEET
NO.

64



MATCH LINE STA. 14+20.00
SEE OXFORD ROAD (1)

MATCH LINE STA. 18+40.00
SEE OXFORD ROAD (3)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS

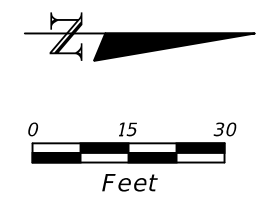
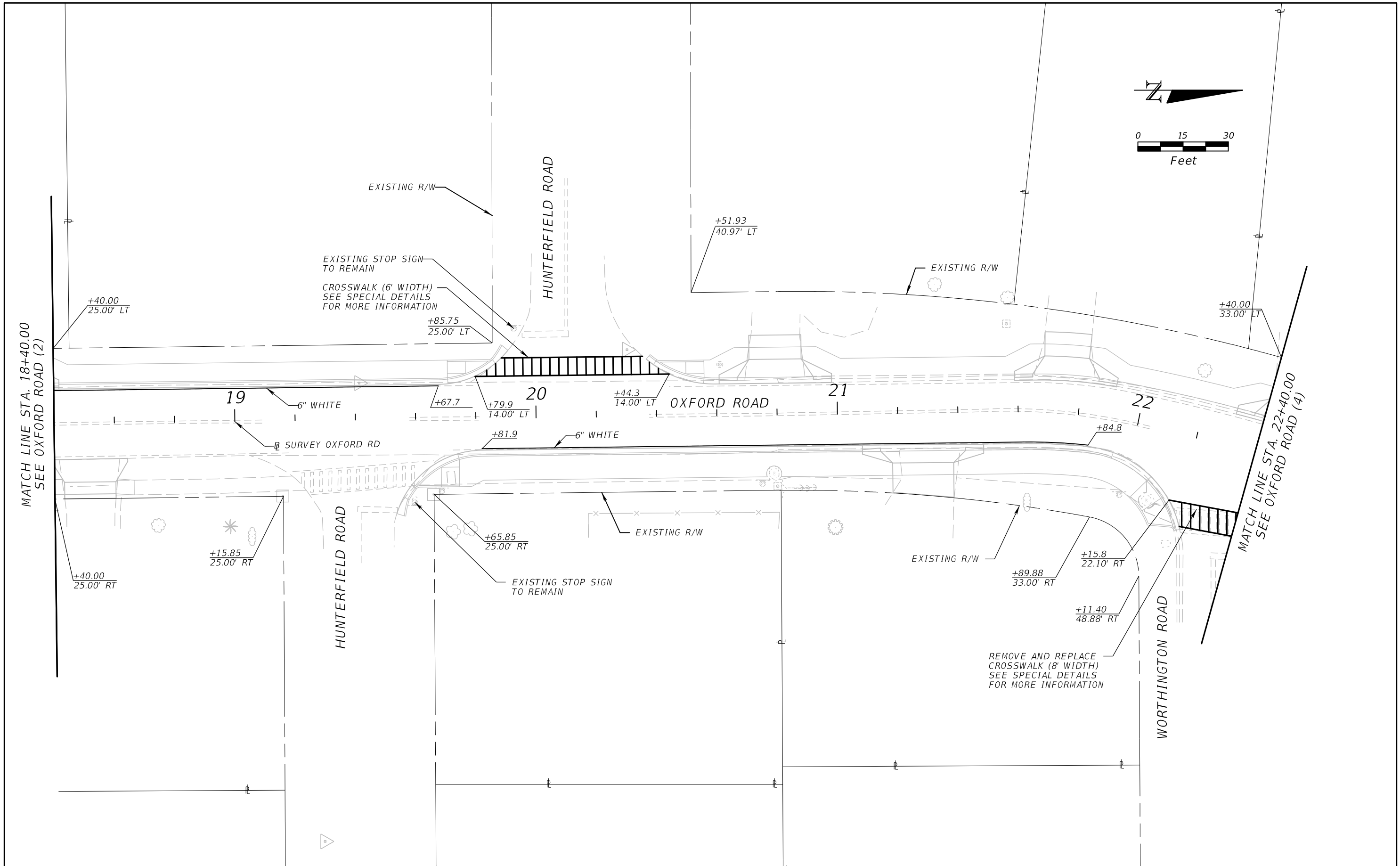
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ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**SIGNING AND PAVEMENT
MARKINGS - OXFORD ROAD (2)**

SHEET
NO.

66



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS

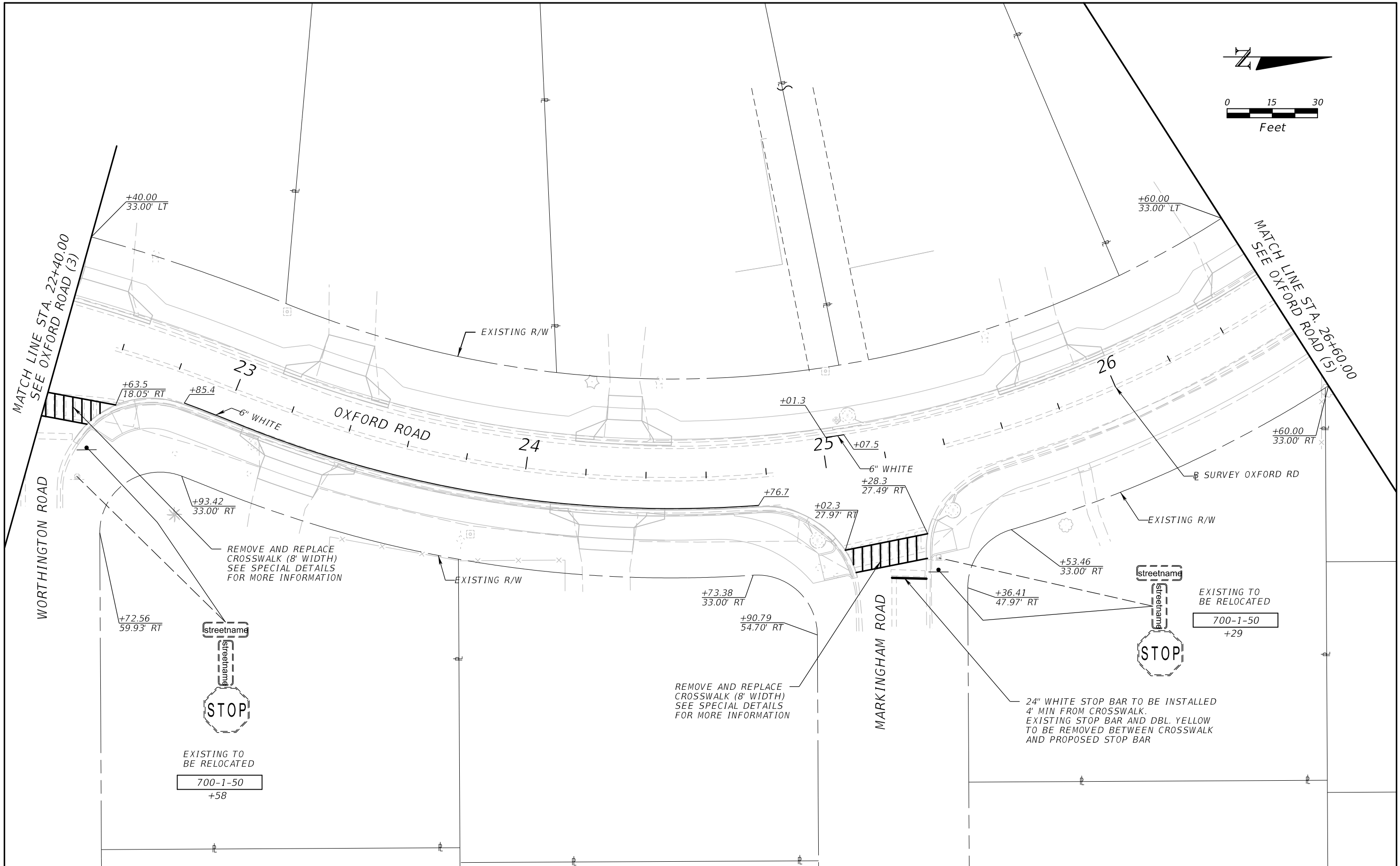
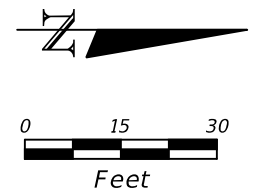
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SEMINOLE COUNTY
ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**SIGNING AND PAVEMENT
MARKINGS - OXFORD ROAD (3)**

SHEET NO.
67



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

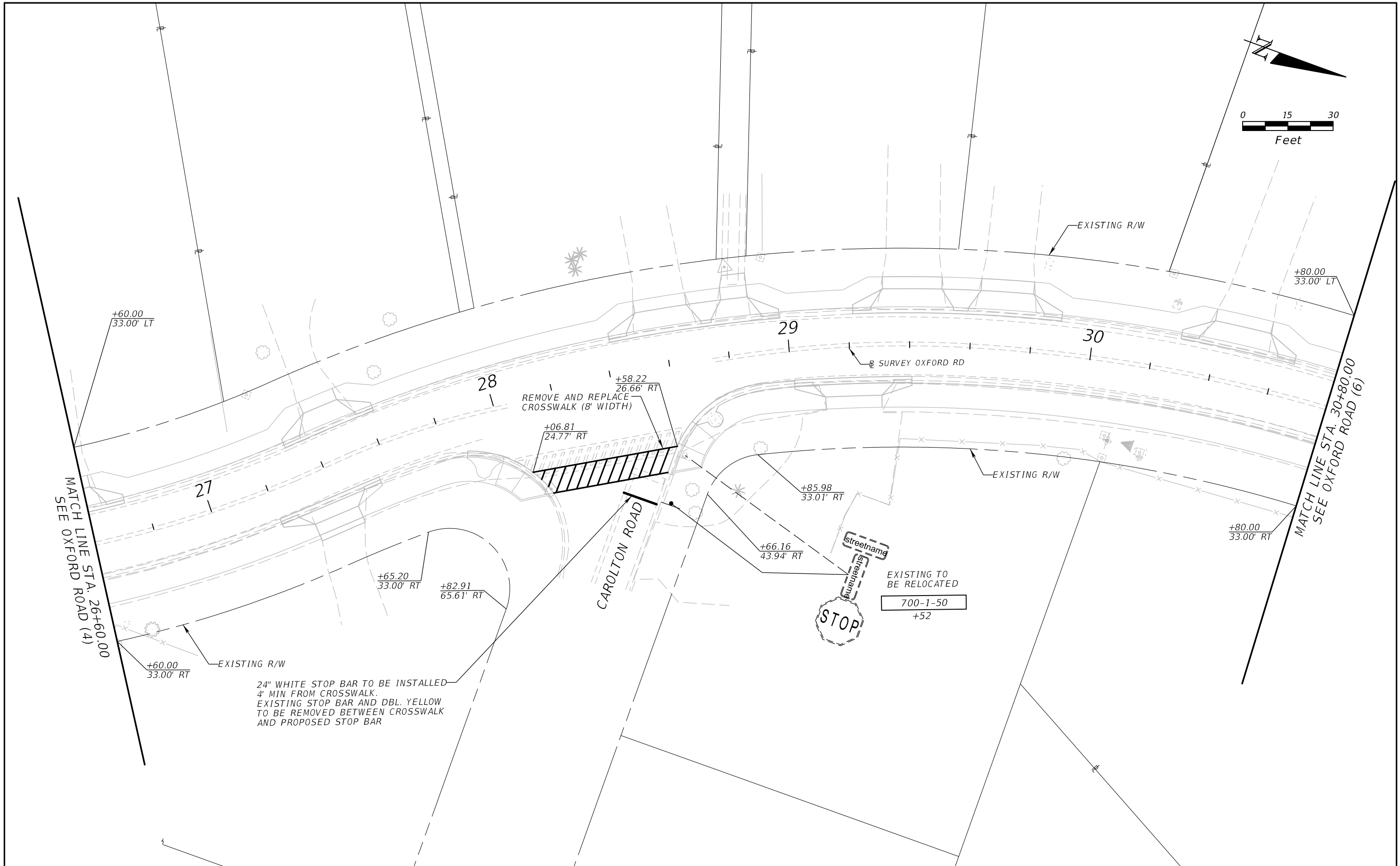
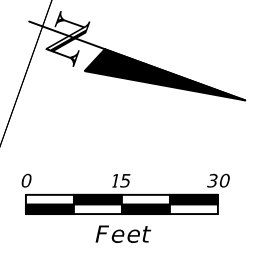
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SEMINOLE COUNTY
 ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

SIGNING AND PAVEMENT MARKINGS - OXFORD ROAD (4)

SHEET NO.
 68



24" WHITE STOP BAR TO BE INSTALLED
 4' MIN FROM CROSSWALK.
 EXISTING STOP BAR AND DBL. YELLOW
 TO BE REMOVED BETWEEN CROSSWALK
 AND PROPOSED STOP BAR

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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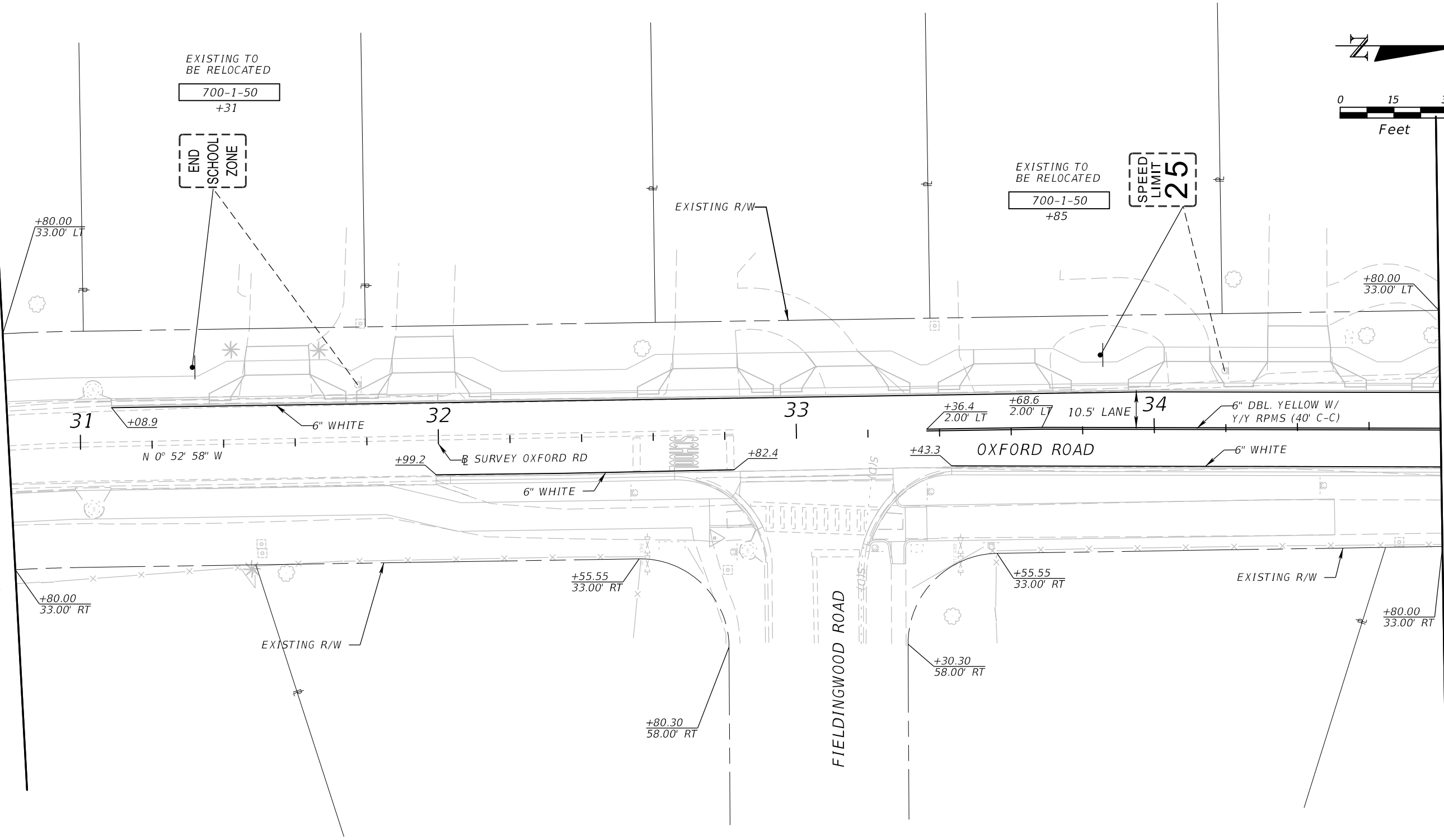
SEMINOLE COUNTY
 ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**SIGNING AND PAVEMENT
 MARKINGS - OXFORD ROAD (5)**

SHEET NO.
 69

MATCH LINE STA. 30+80.00
SEE OXFORD ROAD (5)

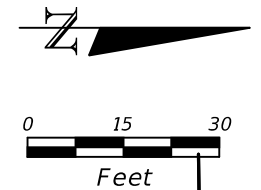


EXISTING TO BE RELOCATED
700-1-50
+31

END SCHOOL ZONE

EXISTING TO BE RELOCATED
700-1-50
+85

SPEED LIMIT
25



MATCH LINE STA. 34+80.00
SEE OXFORD ROAD (7)

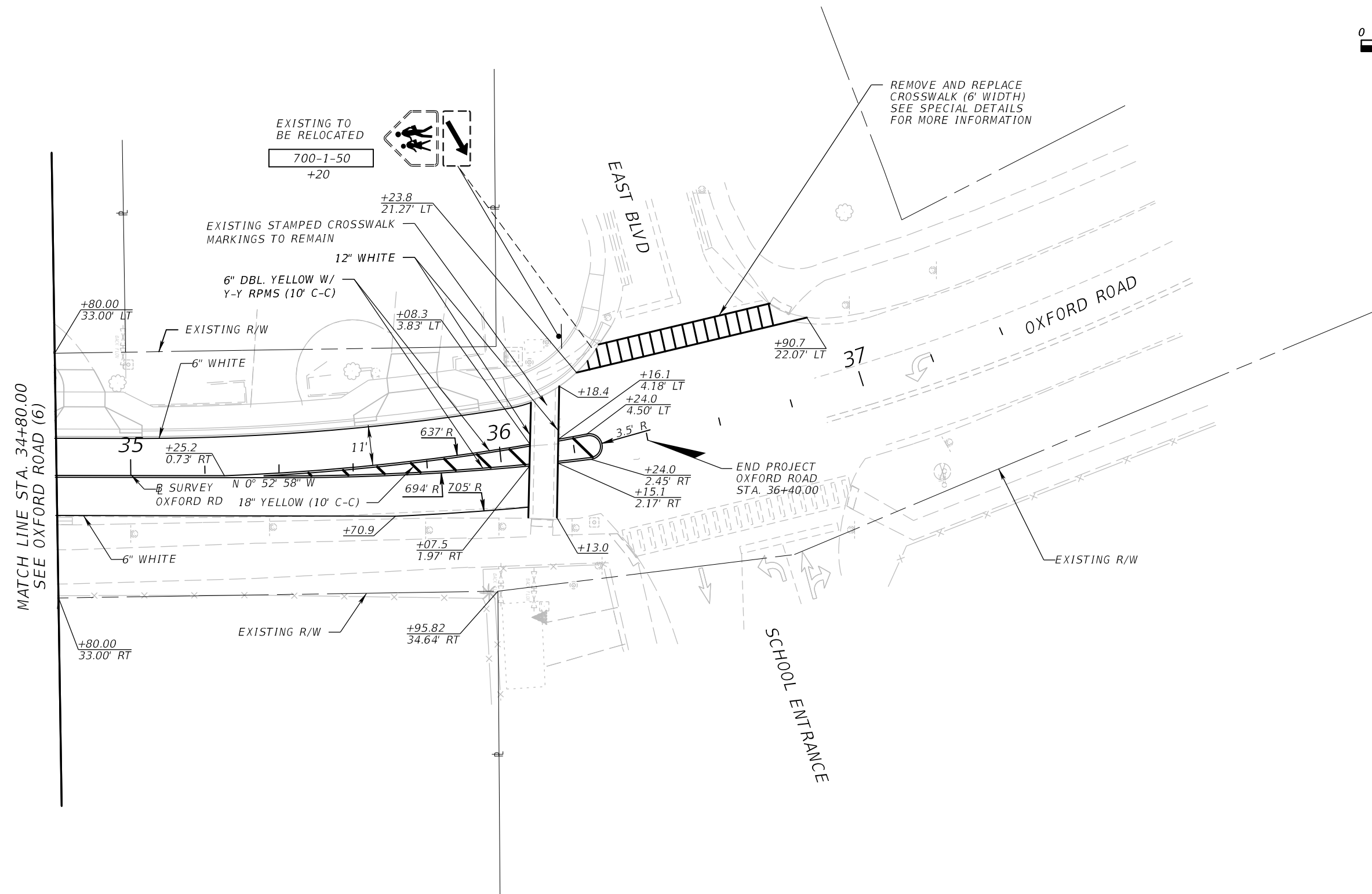
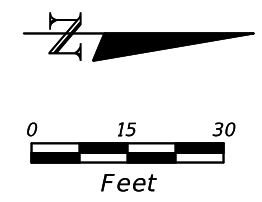
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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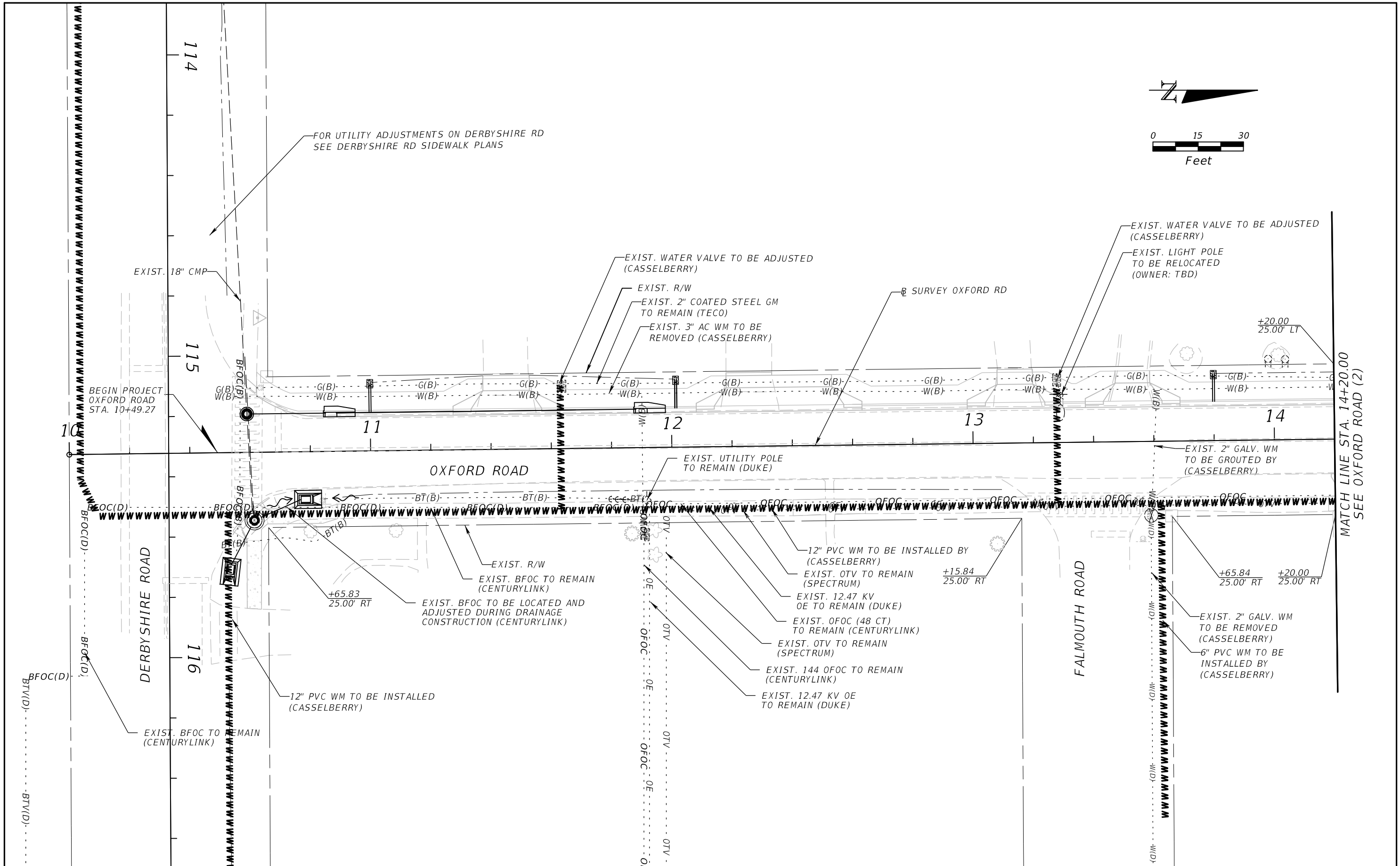
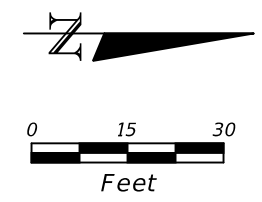
SEMINOLE COUNTY ENGINEERING DIVISION	
ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

**SIGNING AND PAVEMENT
MARKINGS - OXFORD ROAD (6)**

SHEET NO.
70



REVISIONS				ATKINS <small>Matthew A. Taylor, P.E. P.E.# 56985 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24</small>	SEMINOLE COUNTY ENGINEERING DIVISION		SIGNING AND PAVEMENT MARKINGS - OXFORD ROAD (7)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		71
					OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094		



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS

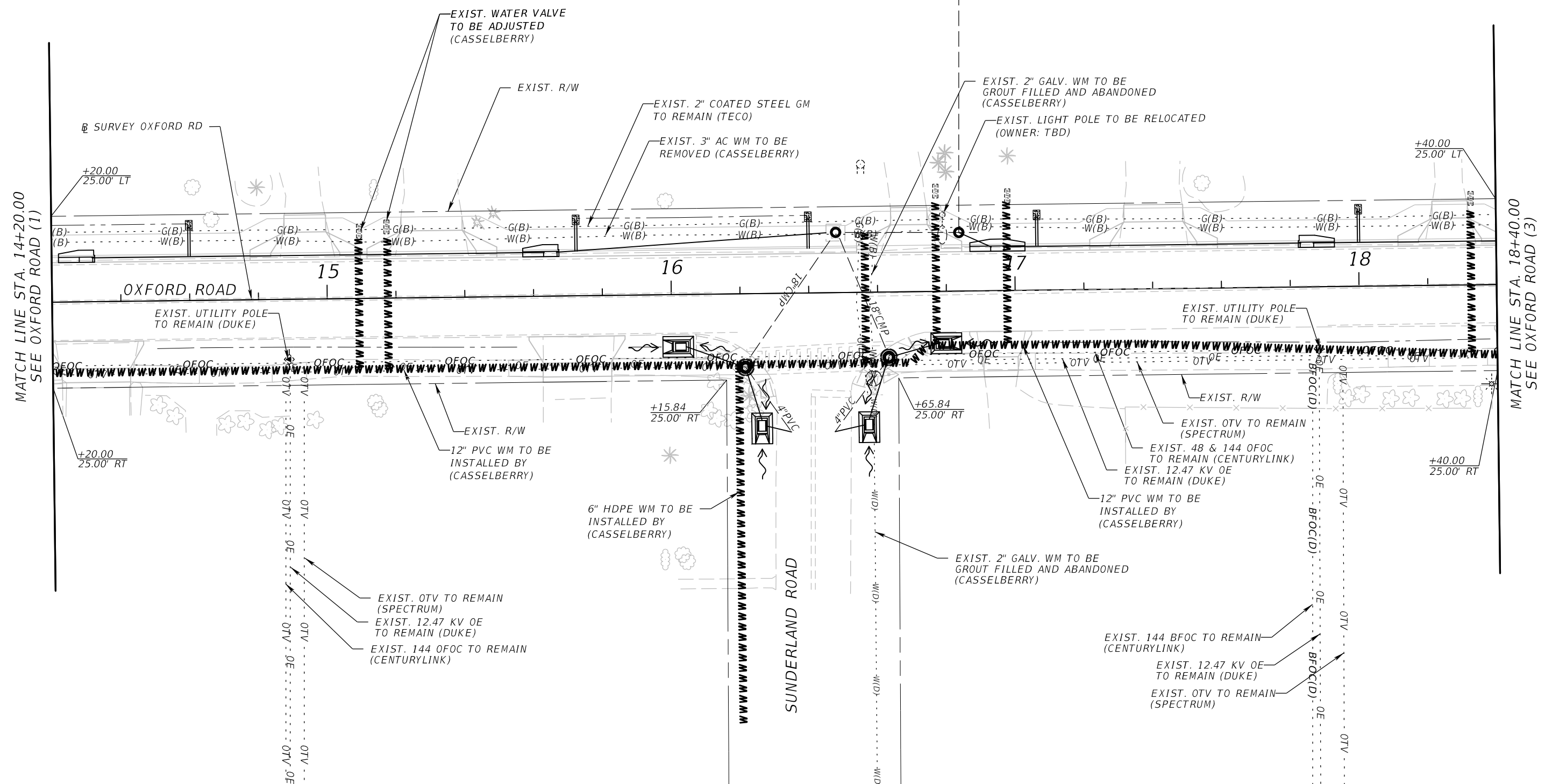
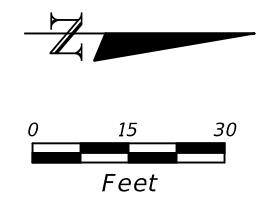
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SEMINOLE COUNTY
ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

UTILITY ADJUSTMENTS
OXFORD RD (1)

SHEET NO.
72



MATCH LINE STA. 14+20.00
SEE OXFORD ROAD (1)

MATCH LINE STA. 18+40.00
SEE OXFORD ROAD (3)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS

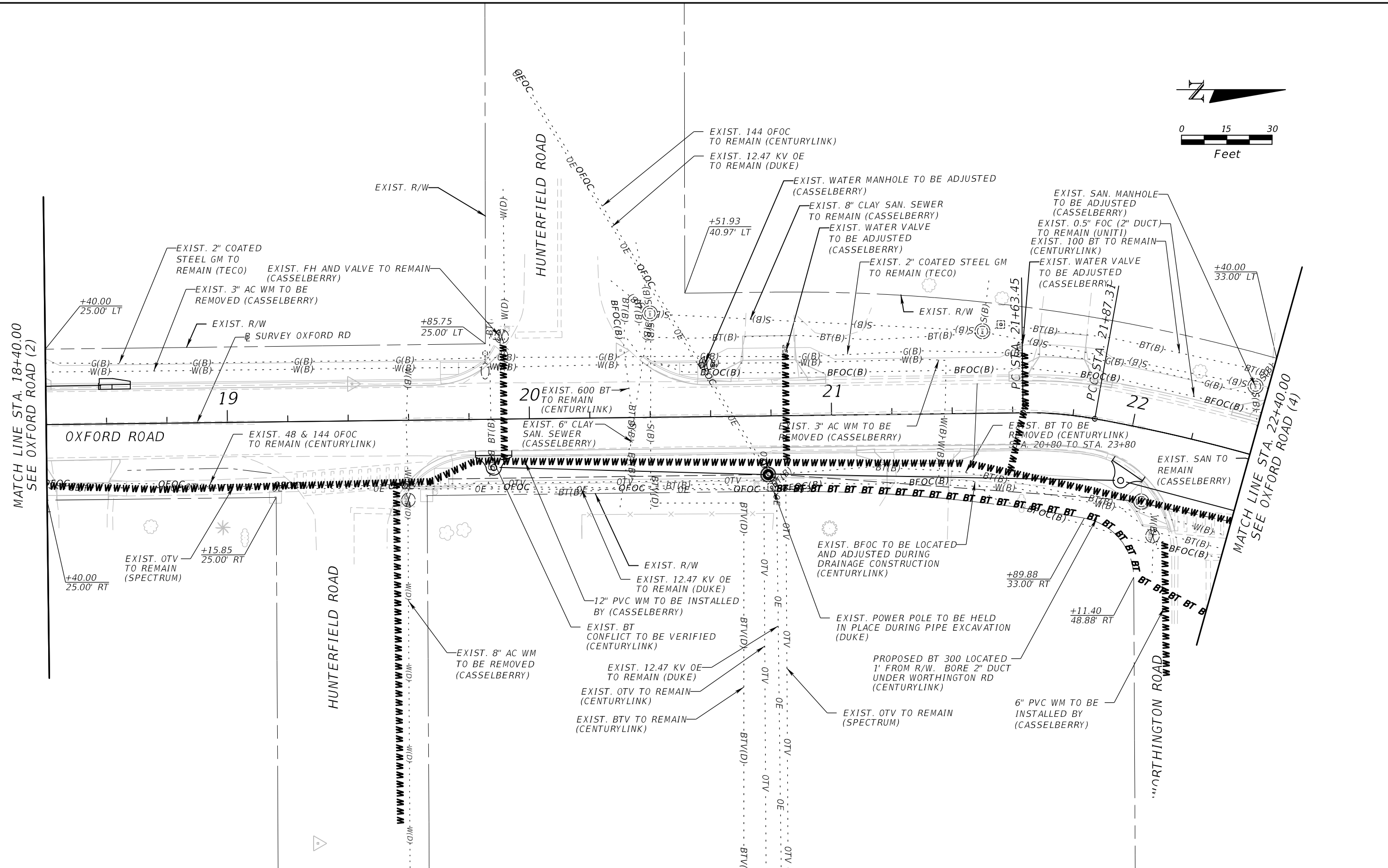
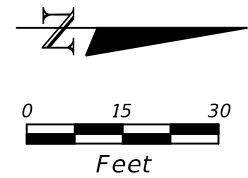
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ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

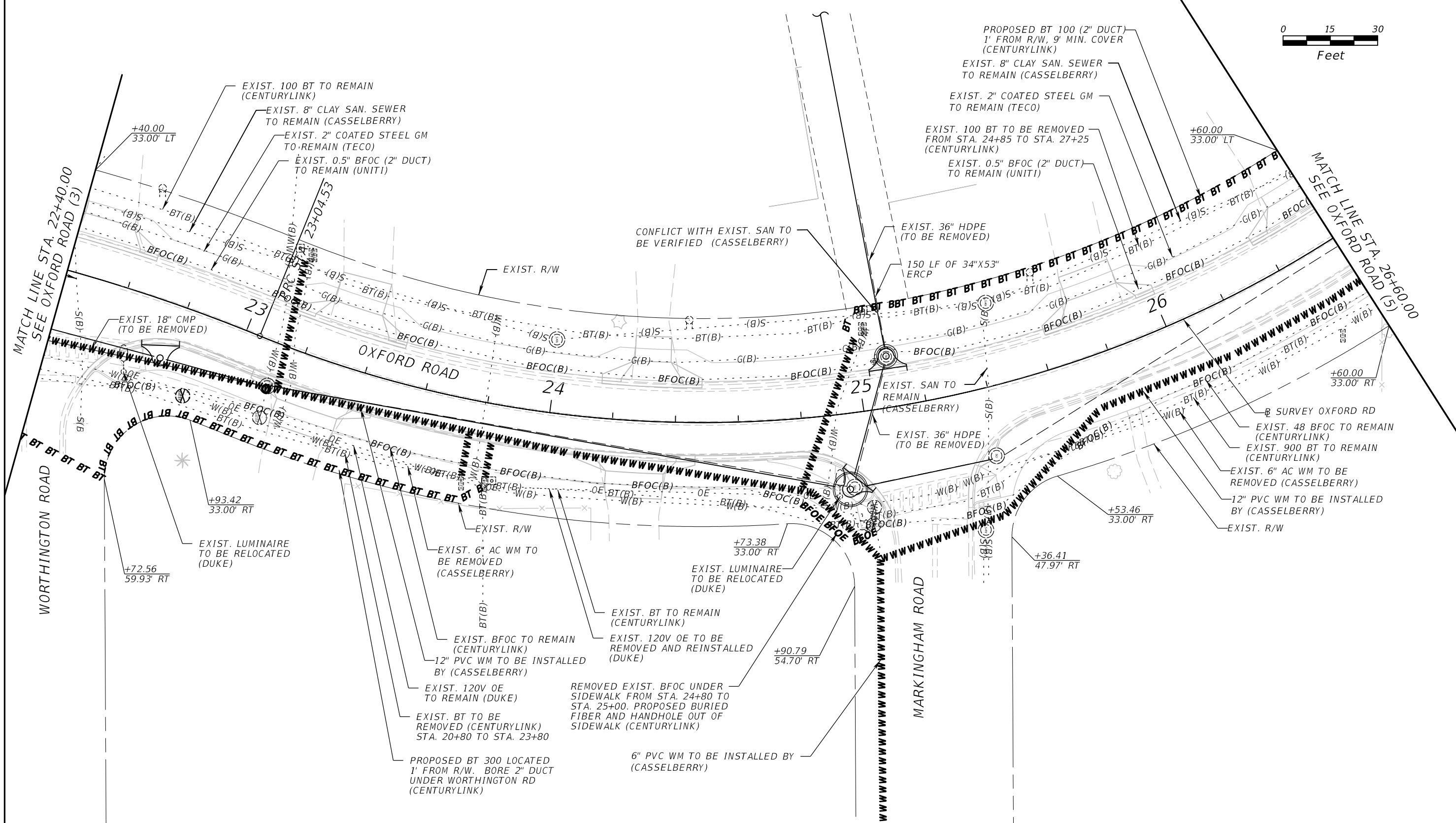
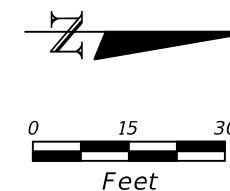
UTILITY ADJUSTMENTS
OXFORD ROAD (2)

SHEET NO.
73



REVISIONS				ATKINS <small>Matthew A. Taylor, P.E. P.E.# 56985 482 South Keller Road Orlando, FL 32810 (407) 647-7275 www.atkinsglobal.com Certificate of Authorization No. 24</small>	SEMINOLE COUNTY ENGINEERING DIVISION		UTILITY ADJUSTMENTS OXFORD ROAD (3)	SHEET NO. 74
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
				OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094			

SEE DRAINAGE DETAILS SHEET FOR CONTINUATION OF 34"X53" PIPE



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

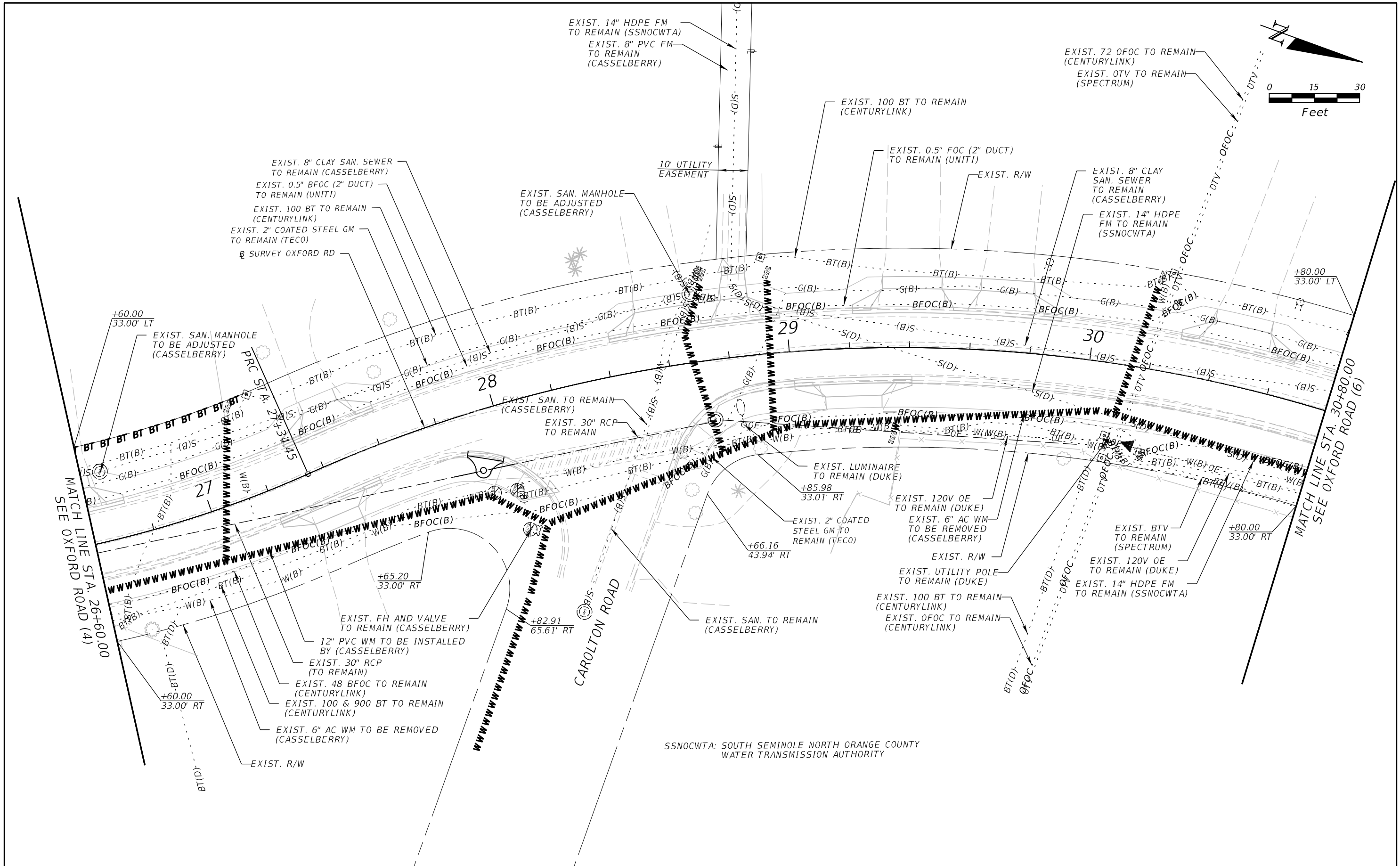
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ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

UTILITY ADJUSTMENTS
OXFORD ROAD (4)

SHEET NO.
75



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ATKINS

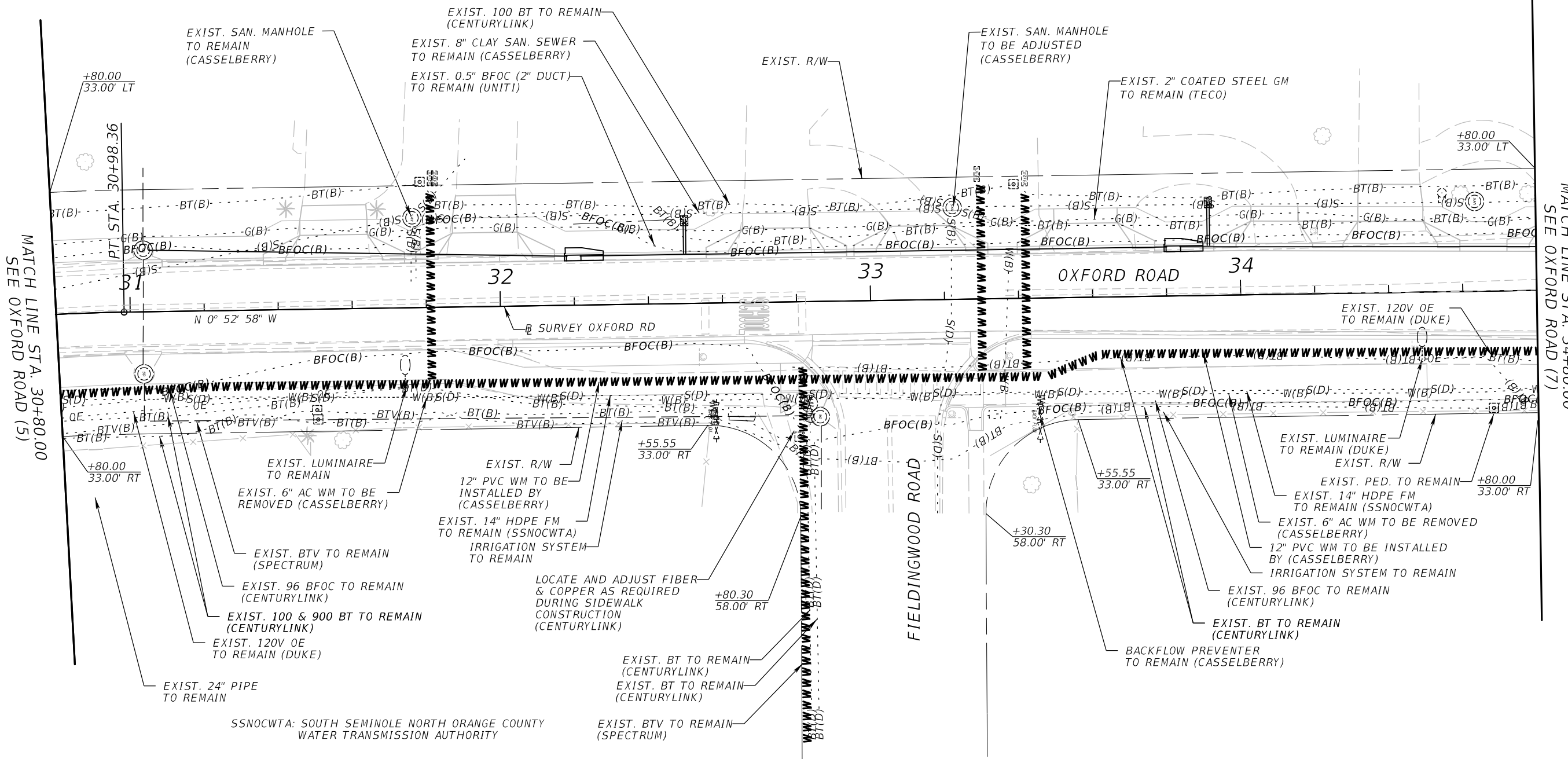
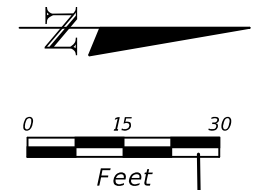
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SEMINOLE COUNTY
 ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

UTILITY ADJUSTMENTS
 OXFORD ROAD (5)

SHEET NO.
 76



SSNOCWTA: SOUTH SEMINOLE NORTH ORANGE COUNTY WATER TRANSMISSION AUTHORITY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

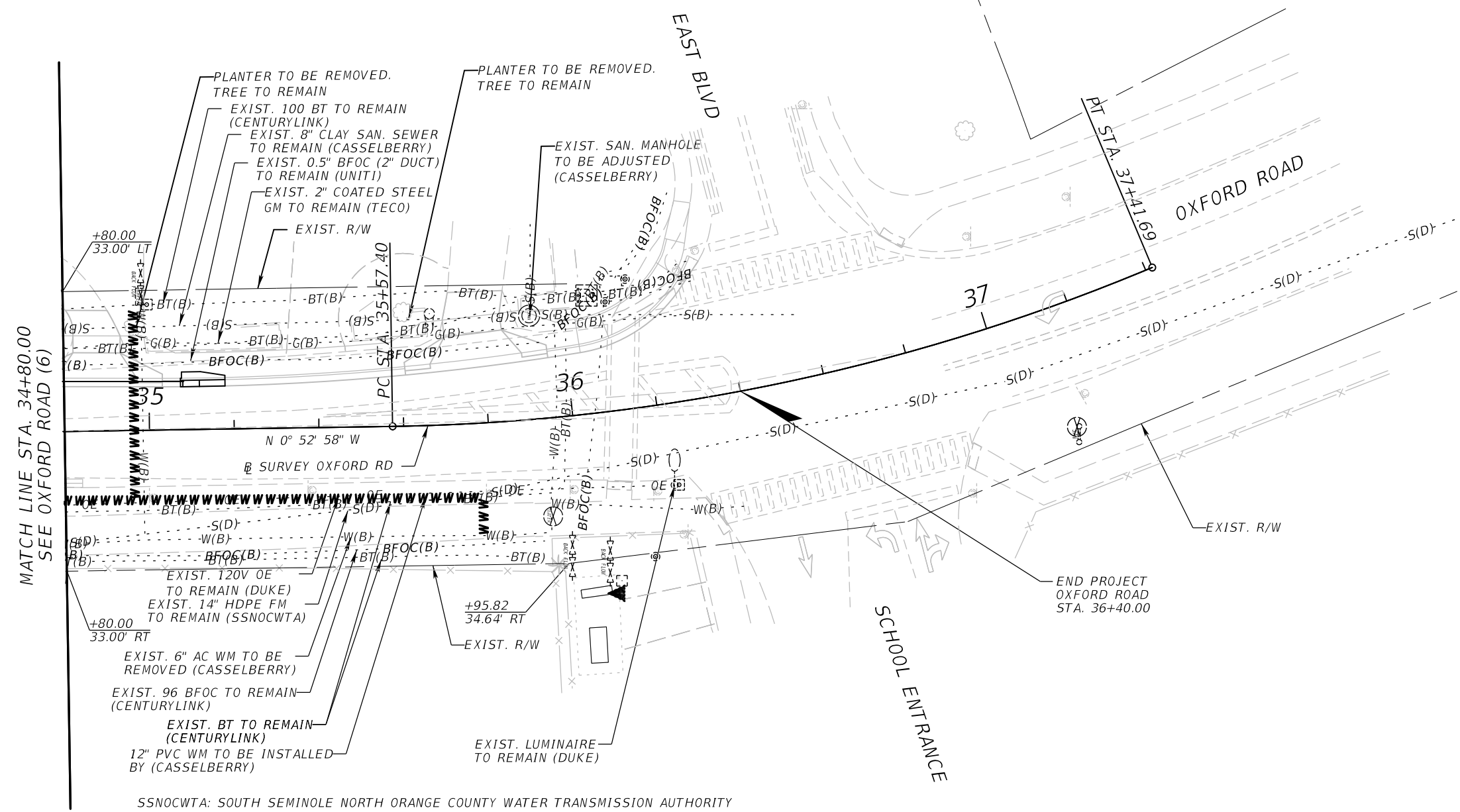
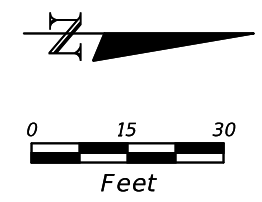
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SEMINOLE COUNTY ENGINEERING DIVISION	
ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

UTILITY ADJUSTMENTS
OXFORD ROAD (6)

SHEET NO.
77



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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SEMINOLE COUNTY
ENGINEERING DIVISION

ROAD	COUNTY CIP No.
OXFORD ROAD SIDEWALK AND DRAINAGE IMPROVEMENTS	02107094

UTILITY ADJUSTMENTS
OXFORD ROAD (7)

SHEET NO.
78