

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.U. ROUTE NO.	SECTION	ILLINOIS PROJECT	CONTRACT NO.	COUNTY	TOTAL SHEETS	SHEET NUMBER
6054	17-00169-00-PV		87777	LASALLE	29	1

INDEX OF SHEETS

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2	GENERAL NOTES & LEGEND
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS & CONSTRUCTION DETAILS
5	SCHEDULE OF QUANTITIES
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29	CROSS SECTION SHEET - TEMPORARY ACCESS ROAD

**PROPOSED LOCAL AGENCY IMPROVEMENT
SURFACE TRANSPORTATION PROGRAM – URBAN**

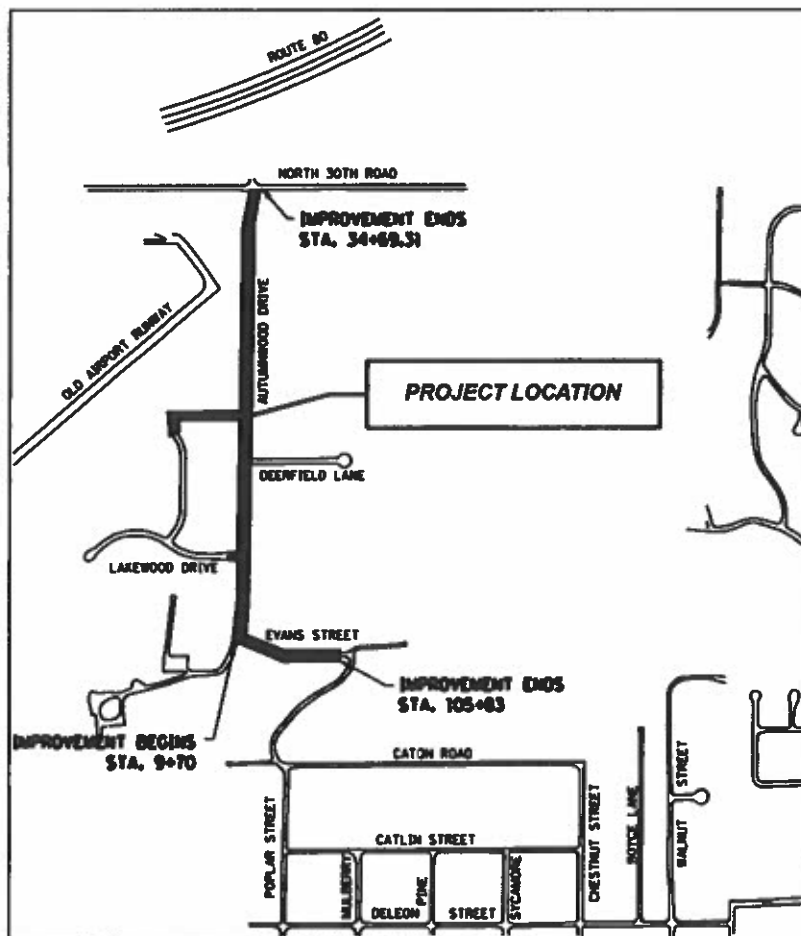
CITY OF OTTAWA - AUTUMNWOOD DR. & EVANS ST.
NORTH 30TH RD. TO BLUFF ST.
LASALLE COUNTY

F.A.U. ROUTE 6054 SECTION 17-00169-00-PV
PAVEMENT RECONSTRUCTION

PROJECT GDJB(061)
JOB NO. C-93-012-22

HIGHWAY STANDARDS

NO.	DESCRIPTION
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-07	PRECAST MANHOLE TYPE A 4' DIAMETER
602402-03	PRECAST MANHOLE TYPE A 5' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
606001-08	CONC CURB & GUTTER TY B AND COMB CONC CURB & GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W 15" TO 24" FROM PAVEMENT EDGE
701501-08	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-08	TRAFFIC CONTROL DEVICES
B.L.R. 10-8	PCC PAVEMENT SPECIAL (NONREINFORCED)

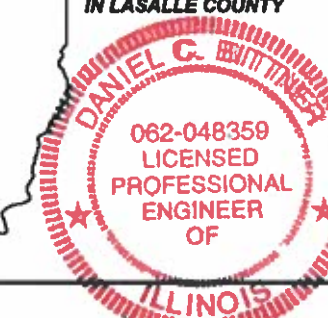
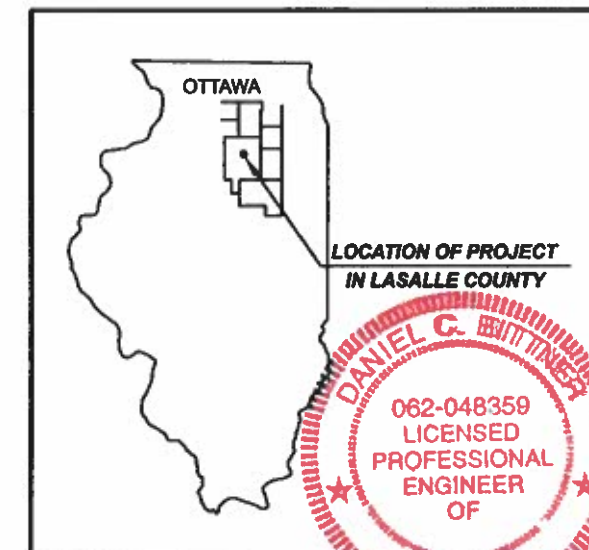


TOWNSHIP 33 NORTH, RANGE 3 EAST OF 3RD P.M.

LOCATION MAP
NOT TO SCALE

AUTUMNWOOD DRIVE
FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR
ADT (2020) 950
SDT (2032) - 1,200
DESIGN SPEED (AUTUMNWOOD DRIVE) 30 MPH
DESIGN SPEED (EVANS STREET) 20 MPH

GROSS & NET LENGTH = 3,070.0 FT. = 0.581 MILES



PREPARED BY:

Daniel C. Bittner
DANIEL C. BITTNER
I.R.P.E. NO. 062-048359
EXPIRES NOVEMBER 30, 2023
DATE: 2/14/22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 2-14 2022
HA
CITY ENGINEER

2-22 2022
John
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

2-22 2022
Paul
REGION 2 ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

CONTRACT NO. 87777

**AUTUMNWOOD DR. & EVANS ST.
RECONSTRUCTION
CITY OF OTTAWA, ILLINOIS**

Renwick & Associates, Inc. - Consulting Engineers
Professional Engineers
Land Surveyors
1304 Gemini Circle, Suite 4
Ottawa, Illinois 61350-2823
Phone 815-434-3200
Fax 815-434-3968

PROFESSIONAL DESIGN
FIRM # 184-00771
DATE PLOTTED:
FEBRUARY 14, 2022
DRAWN BY:
CHECKED BY:
PROJECT NUMBER:
20.2.3
DRAWING FILE:
R20.2.3 COVER.DGN

**SHEET NO.
1 OF 29**

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE: 0004

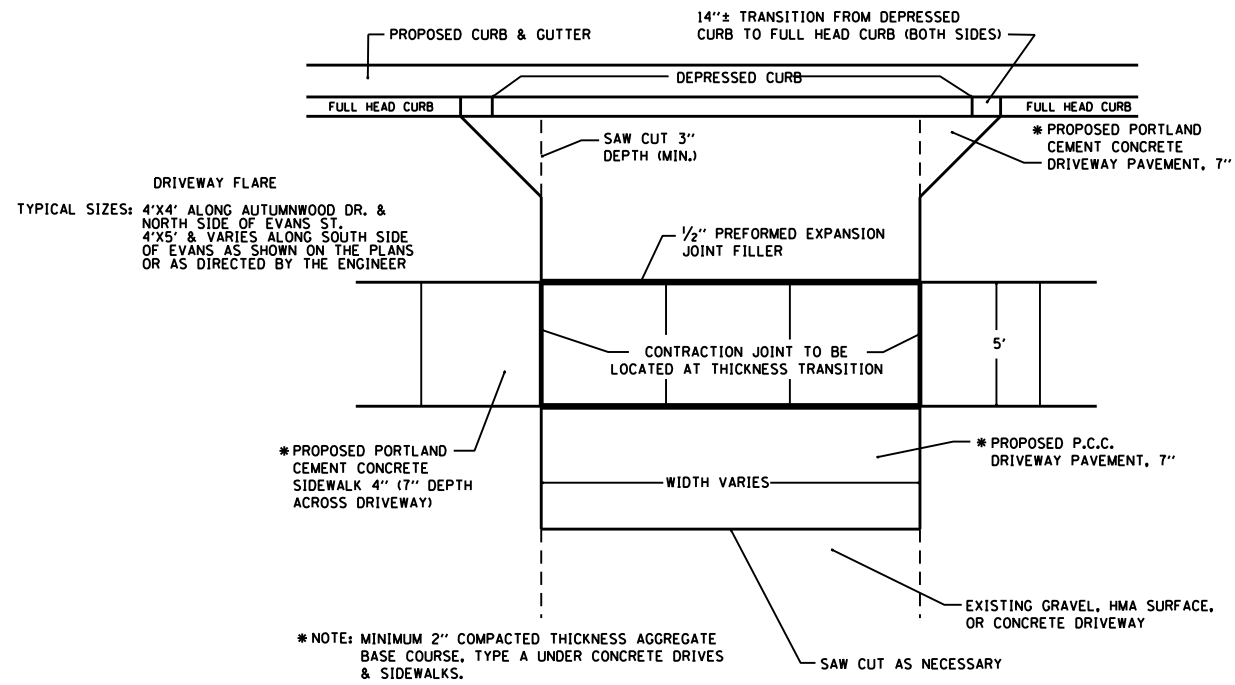
CODE NUMBER	CODED PAY ITEM DESCRIPTION	UNIT	QUANTITY
* 20200100	EARTH EXCAVATION	CU YD	5,346
* 20800150	TRENCH BACKFILL	CU YD	301
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	5,630
25000100	SEEDING, CLASS 1	ACRE	1.16
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	104
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	104
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	104
25100630	EROSION CONTROL BLANKET	SQ YD	5,630
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	250
28000305	TEMPORARY DITCH CHECKS	FOOT	18
28000400	PERIMETER EROSION BARRIER	FOOT	1,860
28000500	INLET AND PIPE PROTECTION	EACH	45
35100100	AGGREGATE BASE COURSE, TYPE A	TON	4,139
* 40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	120
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	26
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	883
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	11,918
* 42400800	DETECTABLE WARNINGS	SQ FT	60
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	153
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	115
* 44000100	PAVEMENT REMOVAL	SQ YD	7,732
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	633
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	98
44000600	SIDEWALK REMOVAL	SQ FT	521
50105220	PIPE CULVERT REMOVAL	FOOT	1,117
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1,705
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	314
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	247

* SEE SPECIAL PROVISIONS
 △ SPECIALTY ITEMS

CODE NUMBER	CODED PAY ITEM DESCRIPTION	UNIT	QUANTITY
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	372
* 550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	125
* 550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	329
55100500	STORM SEWER REMOVAL 12"	FOOT	89
55100700	STORM SEWER REMOVAL 15"	FOOT	38
* 56106300	ADJUSTING WATER MAIN 6"	FOOT	30
* 60100905	PIPE DRAINS 4"	FOOT	257
* 60100945	PIPE DRAINS 12"	FOOT	16
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	12
* 60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	10
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	12
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	16
* 60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	4
60255500	MANHOLES TO BE ADJUSTED	EACH	3
60266600	VALVE BOXES TO BE ADJUSTED	EACH	5
60500060	REMOVING INLETS	EACH	4
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	5,989
* 66300105	CALCIUM CHLORIDE APPLIED	TON	1
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
△ 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	820
△ 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	231
△ 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	48
* X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	2
* X0327301	RELOCATE EXISTING MAILBOX	EACH	27
* X4200530	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 7" (SPECIAL)	SQ YD	8,612
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
* X7240500	RELOCATE EXISTING SIGNS	EACH	4

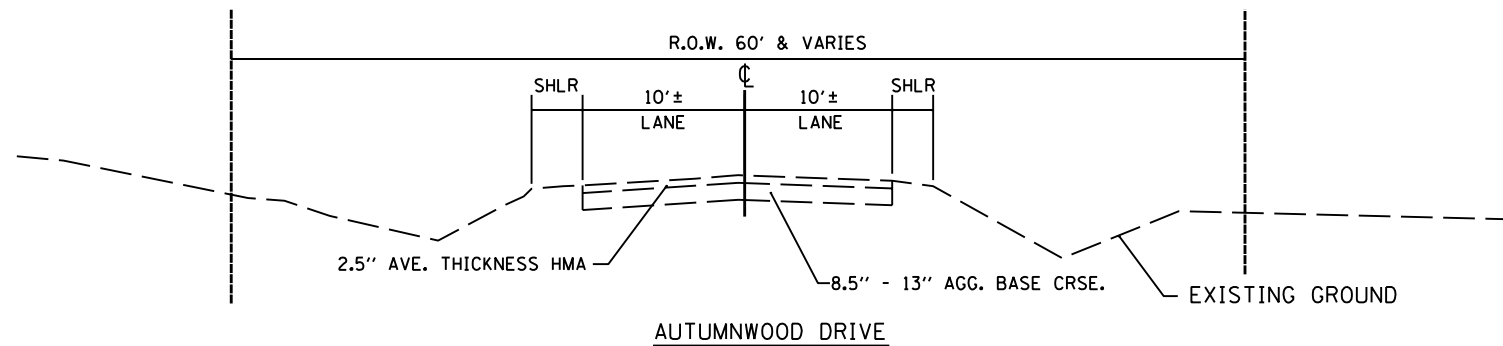
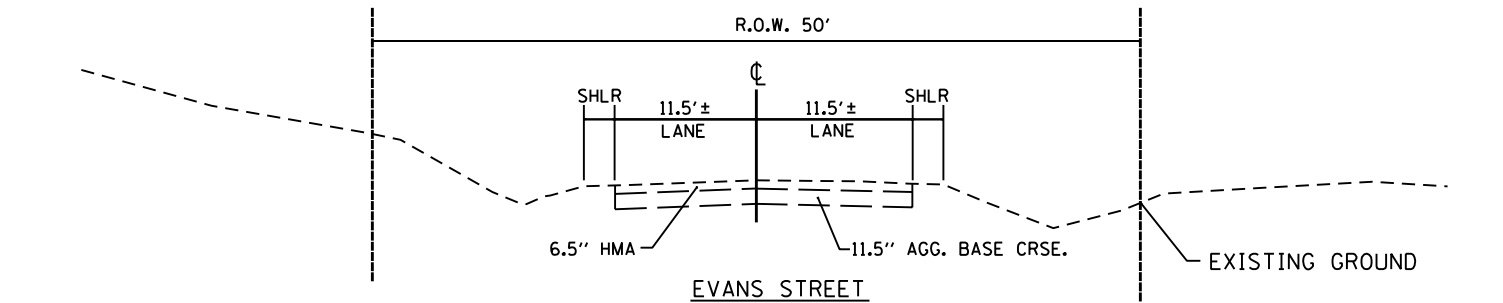
* SEE SPECIAL PROVISIONS
 △ SPECIALTY ITEMS

FILE NAME:	DESIGNED -	REVISED -	Renwick & Associates, Inc. – Consulting Engineers 1304 Gemini Circle, Suite 4 Phone 815-434-3200 Professional Engineers Ottawa, Illinois 61350-2823 Fax 815-434-3968 Land Surveyors	AUTUMNWOOD DRIVE ROADWAY RECONSTRUCTION		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT DATE = FEBRUARY 14, 2022	DRAWN -	REVISED -		OTTAWA, IL.		6054	17-00169-00-PV	LASALLE	29	3
PLOT SCALE = 1"=50'	CHECKED -	REVISED -				CONTRACT NO. 07777 ILLINOIS				
	DATE -	REVISED -								

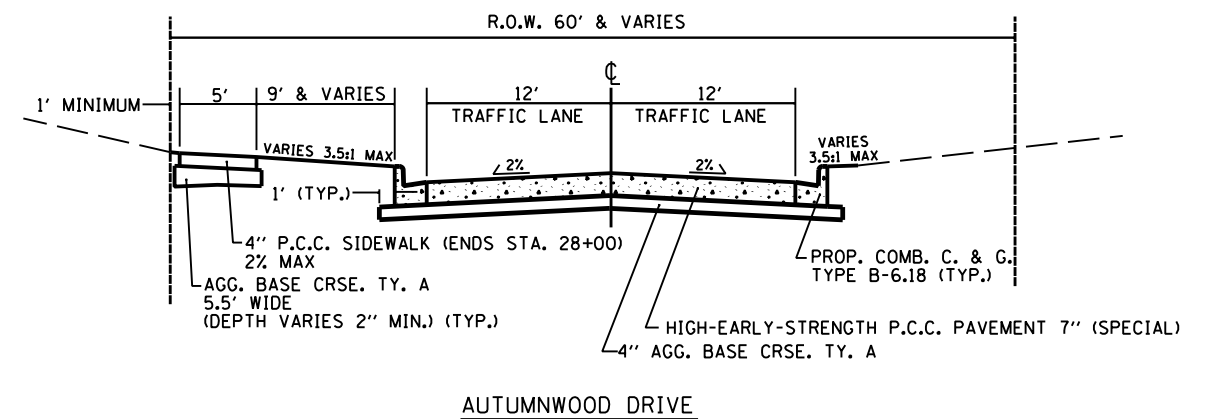
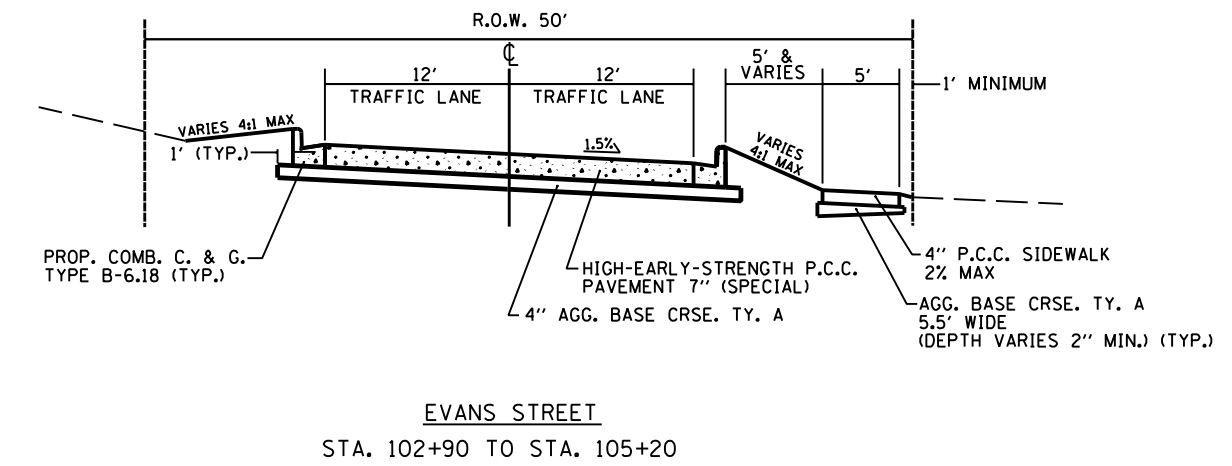
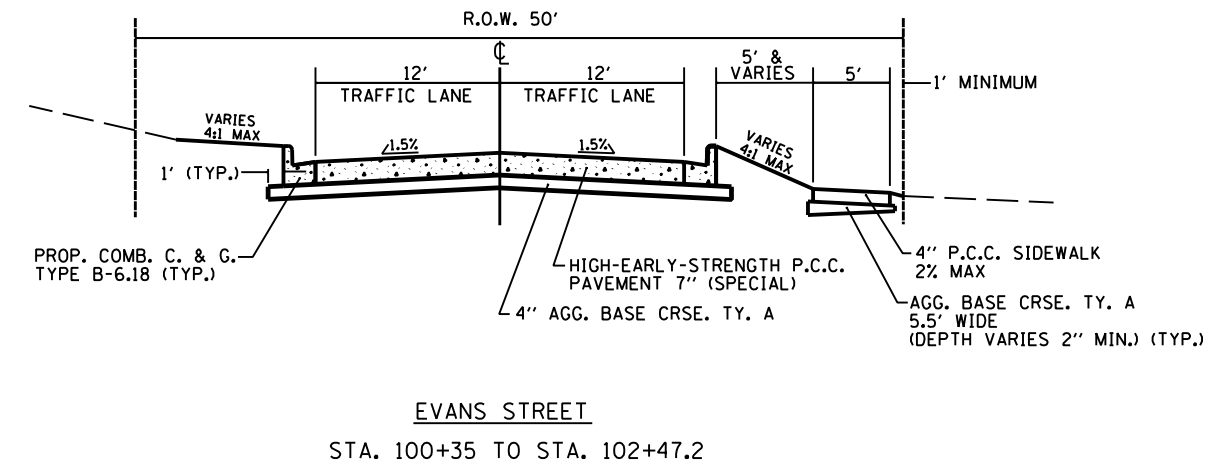


TYPICAL DRIVEWAY DETAIL (SIDEWALK SIDE)
NOT TO SCALE

EXISTING TYPICAL SECTIONS



PROPOSED TYPICAL SECTIONS



FILE NAME:	DESIGNED -	REVISED -	Renwick & Associates, Inc. - Consulting Engineers 1304 Gemini Circle, Suite 4 Phone 815-434-3200 Professional Engineers Ottawa, Illinois 61350-2823 Fax 815-434-3968 Land Surveyors	AUTUMNWOOD DRIVE ROADWAY RECONSTRUCTION OTTAWA, IL.		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT DATE = FEBRUARY 14, 2022	DRAWN -	REVISED -				6054	17-00169-00-PV	LASALLE	29	4
PLOT SCALE = 1"=50'	CHECKED -	REVISED -				CONTRACT NO. 8777		ILLINOIS		
	DATE -	REVISED -								

STORM SEWER		STORM SEWERS CL.A, TY.1 12"	STORM SEWERS CL.A, TY.1 15"	STORM SEWERS CL.A, TY.2 12"	STORM SEWERS CL.A, TY.2 15"	STORM SEWERS CL.B, TY.1 12"	STORM SEWERS CL.B, TY.1 15"	PIPE DRAINS, 4"	PIPE DRAINS, 12"	STORM SEWER REMOVAL, 12"	STORM SEWER REMOVAL, 15"	PIPE CULVERT REMOVAL	TRENCH BACKFILL	
STA. TO STA.	LT./RT.	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD	
10+19	100+20	LT./RT.	32										6.5	
100+20	11+00	RT.				75							8.3	
10+20	10+80	LT.										57	3.1	
11+00		LT.	4										0.3	
11+00		LT./RT.	26										5.0	
11+00		RT.	4										0.6	
11+00	11+85	RT.	85										4.1	
11+45	11+75	RT.										30		
11+50	12+00	LT.										48	1.0	
12+35	12+60	LT.										26	1.6	
13+32		LT./RT.	37										2.8	
13+32	14+05	RT.			70								3.9	
13+60	16+80	RT.										320		
14+05		LT./RT.	26										3.0	
14+05		RT.	5										0.7	
14+05	14+66	RT.			56									
14+66		LT./RT.				36							24.5	
14+66	15+37	RT.				68							15.6	
15+37		LT./RT.	26										3.0	
15+37		RT.	5										1.0	
15+37	17+86	RT.			247								11.7	
16+60	17+00	LT.										35	2.2	
17+15	17+40	LT.										28		
17+55	17+85	RT.										30	0.7	
17+70	17+86	LT.	17										0.3	
17+86		LT./RT.	26										4.1	
17+86	20+40	RT.				248							9.5	
18+45	18+75	LT.										26	1.9	
19+30	19+60	LT.										29	2.0	
19+70	20+15	RT.										41	1.3	
20+30	20+50	LT.										20	1.7	
20+40		RT.	6										0.5	
20+40	20+58	LT./RT.	31										5.4	
20+40	21+50	RT.		106										
20+58	20+65	LT.	7										0.2	
20+80	21+10	LT.										28	0.4	
21+50		LT./RT.	37										3.4	
21+50	22+45	RT.		91										
22+05	22+30	LT.										26	1.4	
22+45		LT./RT.	37										4.2	
22+45	23+50	RT.		101										
22+60	22+90	LT.										27	1.9	
23+50		LT.					8						0.5	
23+50		LT./RT.	26										4.1	
23+50		RT.	5										0.5	
23+50	23+65	LT.	13										1.8	
23+50	23+65	RT.	13										1.8	
23+50	26+16	RT.	262											
26+16		LT.	9					213	16				17.8	
26+16		LT./RT.	26										4.7	
26+16		RT.	5										0.6	
26+16	29+08	RT.	288											
28+55	29+15	LT.										61	3.2	
28+87	29+08	LT.	27										0.2	
29+08		LT./RT.	38										5.7	
29+08		RT.	5										0.5	
29+08	32+15	RT.	303										6.4	
31+75	32+05	RT.										30		
32+15		LT./RT.	26										3.0	
32+15		RT.	5										0.5	
100+20	101+51	RT.			121								19.6	
101+10	101+50	RT.										37	3.1	
101+48		LT.				4							0.6	
101+50	101+50	LT./RT.	21								38		3.3	
101+50	101+97	LT.							45				5.1	
100+51		RT.		16									2.1	
100+51	101+73	RT.					18						4.6	
101+73		LT.				15							2.2	
101+73		RT.				5							1.0	
101+73	102+39	RT.					63						11.5	
101+97	102+50	LT.						44					1.0	
101+50	102+15	RT.									71		5.6	
102+39	102+48	LT./RT.				21							2.5	
102+39	103+60	LT./RT.	118										22.3	
102+48	102+87	LT.	37										2.0	
102+50	102+85	LT.										37	5.0	
102+87		LT.						22					1.7	
102+95	103+50	LT.										55	6.3	
103+60		LT./RT.	16										2.0	
103+60		LT.	6										0.9	
103+60		LT.				5							0.3	
103+60	104+07	LT.	45										1.2	
103+75	104+05	LT.										30	3.4	
104+07		LT.											1.1	
105+00	105+25	LT.						14					3.5	
TOTALS			1,705	314	247	351	125	329	257	16	89	38	1,117	301.0

STORM STRUCTURES		MANHOLES TY. A, 4' DIA. w/ TY.1 FR. & C.L.	MANHOLES TY. A, 4' DIA. w/ TY.8 GR.	MANHOLES TY. A, 5' DIA. w/ TY.1 FR. & C.L.	INLETS TY. A w/ TY. 3 FR. & GR.	INLETS TY. A w/ TY. 8 GR.	INLETS TY. B w/ TY. 3 FR. & GR.	INLETS TY. B w/ TY. 8 GR.	REMOVING INLETS	CONNECT PROPOSED STORM SEWER TO EXISTING STORM STRUCTUR
STA. TO STA.	LT./RT.	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
10+19	LT.				1					
100+20	RT.	1								
11+00	LT./RT.	1				1	2			
11+85	RT.					1				
13+32	LT./RT.					1		1		
14+05	LT./RT.	1			1					
14+66	RT.	1								1
15+37	LT./RT.	1			1					
17+70	LT.					1				
17+88	LT./RT.		1							
20+40	RT.		1							
20+58	LT.						1			
20+65	LT.						1			
21+50	LT./RT.	1				1				
22+45	LT./RT.	1				1				
23+50	LT./RT.	1				1	2			
23+65	LT./RT.				2					
26+16	LT./RT.	1				1	2			
28+87	LT.				1					
29+08	LT./RT.	1					1	1		
32+15	LT./RT.	1			1					
101+48	LT.					1	1		1	
101+51	RT.			1						
101+53	RT.									1
101+73	LT./RT.			1	2					
101+97	LT.								1	
102+39	RT.			1						
102+48	LT.							1	1	
102+87	LT.					1				
103+60	LT./RT.	1			1		1	1		
104+07	LT.						1			
105+56	RT.								1	
TOTALS		12	2	3	10	12	16	4	4	2

CURB AND GUTTER		COMB. CONC. C&G, TYPE B-6.18	COMB. C&G REMOVAL
STA. TO STA.	LT./RT.	FOOT	FOOT
10+00	14+56	LT.	458.8
10+73	14+56	RT.	386.4
14+28	14+57	LT.	
14+56	19+78	RT.	540.9
15+07	15+35	RT.	
15+07	19+78	LT.	477.6
19+75		RT.	
19+78	28+28	LT.	875.0
20+06		RT.	
20+06	28+28	RT.	840.3
28+28	34+60	RT.	649.8
28+89	34+60	LT.	614.4
100+12	105+71	RT.	576.0
100+12	105+71	LT.	570.2
105+70		RT.	
105+73		LT.	
TOTALS			5,989.4

TEMPORARY EROSION & SEDIMENT CONTROL		TEMP. DITCH CHECK	PERIMETER EROSION BARRIER	INLET & PIPE PROTECTION
STA. TO STA.	LT./RT.	FOOT	FOOT	EACH
10+05	LT.	9		
10+05	RT.	9		
10+19	LT.			1
10+60	11+50	RT.	90	
11+00	LT./RT.			3
11+73	13+83	RT.	211	
11+85	RT.			1
13+32	LT./RT.			2
14+05	LT./RT.			2
15+37	LT./RT.			2
15+79	17+62	RT.	184	
17+70	LT.			1
17+88	LT./RT.			3
20+40	RT.			2
20+58	LT.			1
20+65	LT.			1
21+50	LT.			1
21+55	30+30	RT.	875	
22+45	LT.			1
23+50	LT./RT.			3
23+65	LT./RT.			2
26+16	LT./RT.			3
28+87	LT./RT.			1
29+08				2
32+15	LT./RT.			2
32+60	34+46	RT.	203	
34+20	34+47	LT.	42	
100+20	101+05	RT.	80	
101+48	101+51	LT./RT.		3
101+73	LT./RT.			2
102+48	LT.			1
102+87	LT.			1
103+00	103+75	RT.	75	
103+60	LT./RT.			3
104+07	LT.			1
104+45	104+80	RT.	35	
105+20	105+85		65	
TOTALS		18	1,860	45

ROADWAY EXCAVATION, PAVEMENT REMOVAL, P.C.C. PAVEMENT AND INCIDENTAL HMA		EARTH EXCAVATION	PAVEMENT REMOVAL	AGG. BASE TYPE A	HIGH-EARLY P.C. CONC. PAVEMENT, 7" (SPECIAL)	HMA SURFACE REMOVAL 1 1/2"	HMA SURFACE REMOVAL 2"	INCIDENTAL HMA SURFACING
STATION	DESCRIPTION	CU. YD.	SQ. YD.	TON	SQ. YD.	SQ. YD.	SQ. YD.	TON
9+70 TO 10+00	Transition south end					80.9		6.8
10+00 TO 34+59	Mainline Roadway	3,638.5	5,858.2	1,940.1	6,558.7			
14+69	Lakewood transition					28.5		2.4
14+83	Lakewood approach	55.1	145.6	34.3	134.6			
14+95	Lakewood transition					43.7		3.7
19+91	Deerfield approach	65.8	148.2	37.2	140.1			
28+58	Temp. access road	642.8		920.9				
27+71	Temp. access approach	84.3		57.6	223.3			
34+50	N. 30th Rd. returns	23.2	66.6	23.8	65.7			
34+59 TO 34+69	N. 30th Rd. transition						115.0	12.9
100+12 TO 105+71	Mainline Roadway	324.2	1,479.3	489.5	1,489.9			
100+20	Evans St. returns	10.2	34.1	11.2				
TOTALS		4,844.1	7,732.0	3,514.6	8,612.3	153.1	115.0	25.8

ADJUSTMENTS		MANHOLES TO BE ADJUSTED	VALVE BOXES TO BE ADJUSTED	ADJUST WATERMAIN 6"	RELOCATE EXISTING MAILBOXES	RELOCATE EXISTING SIGNS
STATION	LT./RT.	EACH	EACH	FOOT	EACH	EACH
10+05	RT.					1
10+30	LT.				1	
10+50	RT.					1
10+90	LT.				1	
11+40	RT.				1	
11+45	LT.				1	
12+00	LT.				2	
12+65	LT.				1	
12+75	RT.					1
12+90	LT.				1	
14+50	LT.		1			
14+66	LT.	1				
14+70	RT.				1	
15+40	RT.				1	
16+60	LT.				1	
17+10	LT.				1	
17+55	RT.				1	
18+75	LT.				1	
19+30	LT.				1	
19+60	RT.			30		
20+30	LT.				1	
21+15	LT.				1	
22+00	LT.				1	
22+80	RT.					1
22+95	LT.				1	
24+36	LT.		1			
26+44	LT.		2			
28+20	LT.		1			
100+25	RT.	1				
100+95	RT.				1	
101+80	RT.				1	
102+55	RT.	1				
102+85	LT.				1	
103+45	LT.				1	
104+60	RT.				3	
105+30	LT.				1	
TOTALS		3	5	30	27	4

DRIVEWAYS		EARTH EXCAVATION	DRIVEWAY PAVEMENT REMOVAL	P.C.C. DRIVEWAY PAVEMENT, 7"	DRIVEWAY THROAT WIDTH	AGG. BASE TYPE A
STATION	LT./RT.	CU. YD.	SQ. YD.	SQ. YD.	FEET	TON
10+43 & 10+66	LT	17.3		74.1	43.6	8.4
11+70	RT	21.9	70.9	65.6	23.6	7.5
11+85	LT	13.8		69.0	43.1	7.9
12+45	LT	4.8		29.0	21.6	3.3
13+10	LT	9.2		34.4	21.6	3.9
13+90	RT	6.2	28.2	20.5	14.0	2.3
14+90	RT	4.9	28.7	21.1	13.9	2.4
15+65	RT	6.1	37.8	30.4	17.9	3.5
16+85	LT	7.1	78.5	42.4	35.0	4.8
17+25	LT	5.9		22.3	17.8	2.5
17+70	RT	11.4	26.5	28.4	14.5	3.2
18+60	LT	6.3		23.6	21.9	2.7
19+46	LT	8.7	65.4	43.5	23.2	5.0
20+40	LT	10.4		39.0	17.9	4.4
21+00	LT	10.3		34.4	21.9	3.9
22+16	LT	15.2		50.6	22.0	5.8
22+75	LT	7.5	52.0	32.1	24.0	3.7
31+90	RT	3.8		10.4	20.1	1.2
101+20	RT	8.9	26.1	29.8	16.5	3.4
102+00	RT	11.2	60.6	42.1	37.0	4.8
102+70	LT	4.1	23.9	24.6	18.8	2.8
103+25	LT	7.0	33.0	34.8	39.4	4.0
103+90	LT	3.0	13.4	15.1	13.8	1.7
104+35	RT	1.4	16.1	10.2	10.3	1.2
104+90	RT	6.2	54.0	37.2	23.8	4.2
105+15	LT	2.5	17.9	18.7	16.9	2.1
TOTALS		215.0	633.0	883.3		100.6

HMA MIXTURE REQUIREMENT TABLE	
LOCATIONS:	ENTIRE PROJECT
MIXTURE USE(S):	HMA INCIDENTAL
BINDER GRADE (PG):	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION):	IL 9.5
FRICTION AGGREGATE:	MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA
SUBLOT SIZE:	N/A
DENSITY TEST METHOD:	SATISFACTION OF ENGINEER
MATERIAL TRANSFER DEVICE (REQUIRED):	NO

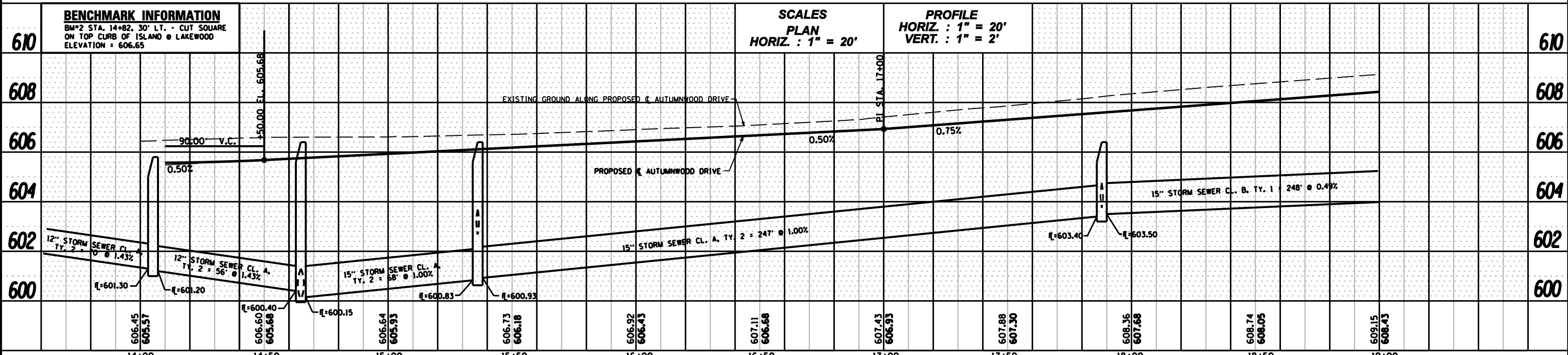
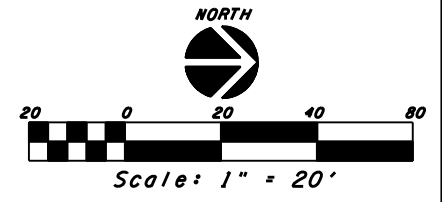
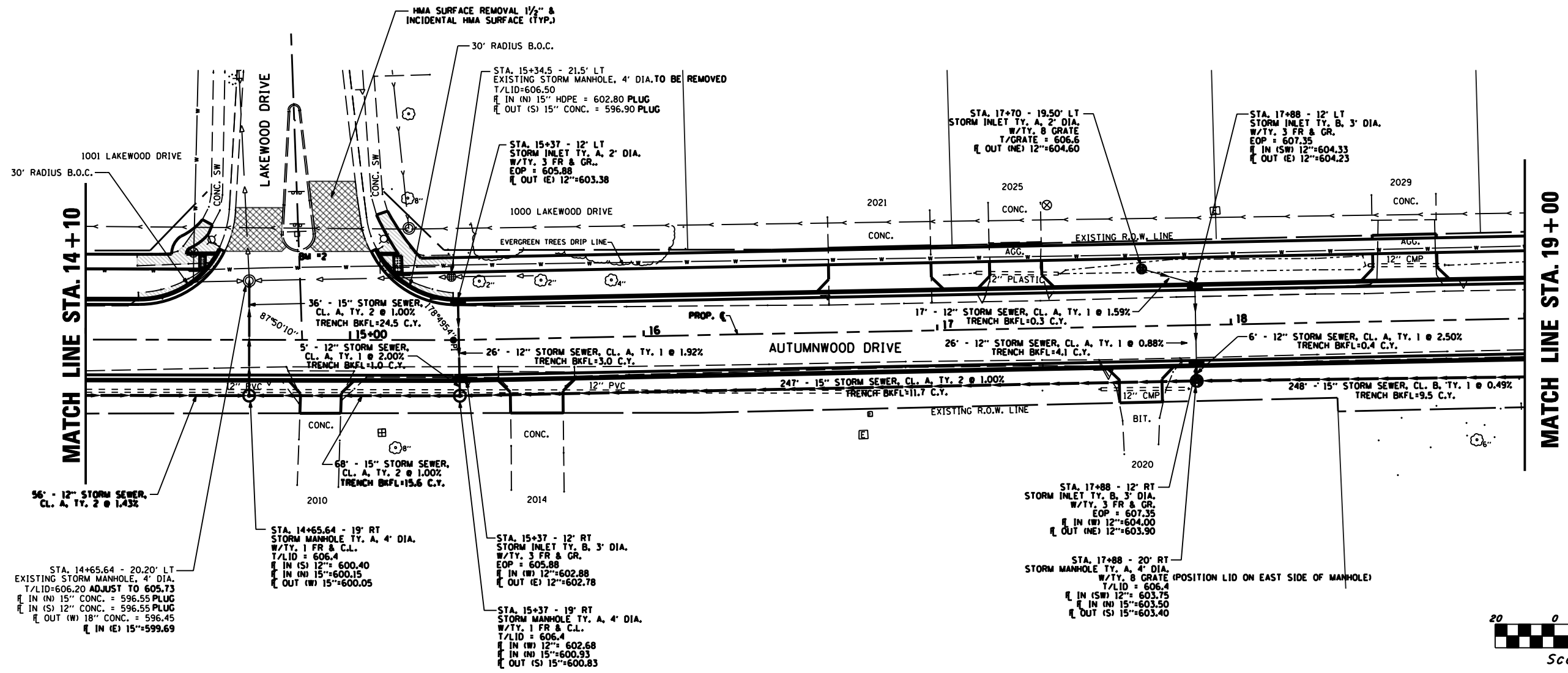
PAVEMENT DESIGN DATA
NON-REINFORCED JOINTED RIGID PAVEMENT WITH A 80,000 LB. LOAD LIMIT

CLASS III ROAD
ADT (2020) 950
DESIGN PERIOD - 20 YEARS
SDT (2032) - 1,200
PERCENT OF SDT PV = 96.0% SU = 3% MU = 1%
PV = 1,152 SU = 36 MU = 12
TRAFFIC FACTOR = 0.12 (BLRS MANUAL FIGURE 44-2A)
MINIMUM TRAFFIC FACTOR = 0.5
PRE-ADJUSTED RIGID PAVEMENT THICKNESS: 7.4 INCHES
ADJUSTMENT:
12 FT LANE WIDTH -0.25 INCH
PAVEMENT THICKNESS REQUIRED 6.75 INCHES
PAVEMENT THICKNESS TO BE CONSTRUCTED 7.0 INCHES
WITH 6"X6" WELDED WIRE PAVEMENT
FABRIC (58# PER 100 SQ. FT.)
A 4" AGGREGATE BASE COURSE, TY, A SUBBASE
WILL BE PLACED TO SERVE AS A WORKING PLATFORM

SIDEWALK		EARTH EXCAVATION	AGG. BASE TYPE A	P.C.C. SIDEWALK, 4"	SIDEWALK REMOVAL	DETECTABLE WARNINGS
STA. TO STA.	LT./RT.	CU. YD.	TON	SQ. FT.	SQ. FT.	SQ. FT.
10+10	14+50	LT.	58.1	89.9	2,306.9	
10+10		LT.				10
14+27	14+50	LT.			180.4	
14+50		LT.				10
15+10	15+35	LT.			186.9	
15+14		LT.				10
15+10	28+00	LT.	167.0	330.1	6,586.0	
19+70		LT.				10
19+70		RT.	2.3	1.3	143.8	62.2
100+14	105+83	RT.	59.1	102.1	2,866.6	
100+18		RT.				10
105+14		RT.		14.5		18.7
105+69	105+83	RT.				73.1
TOTALS		286.5	523.4	11,917.8	521.3	60

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	CHECKED
	DATE
	NO.
	FILE NAME

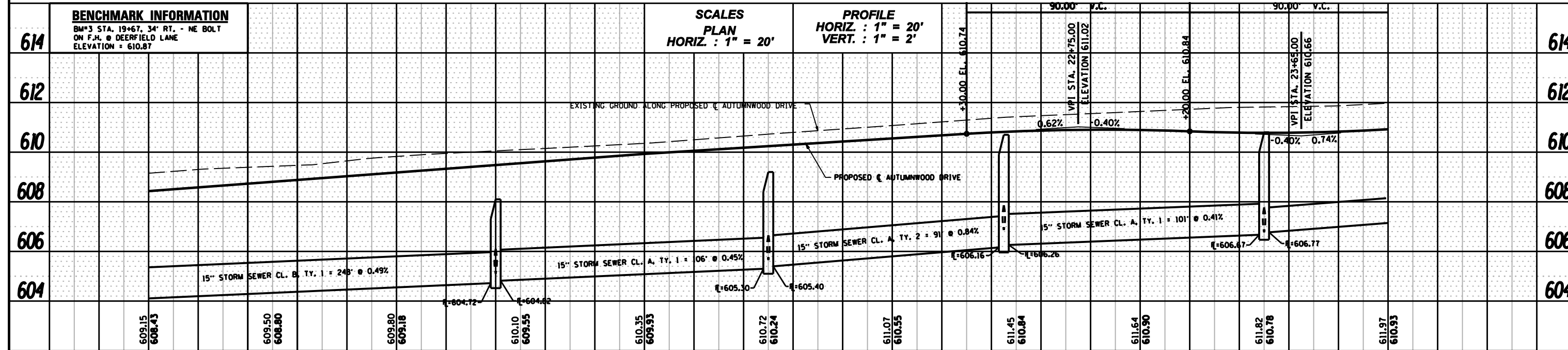
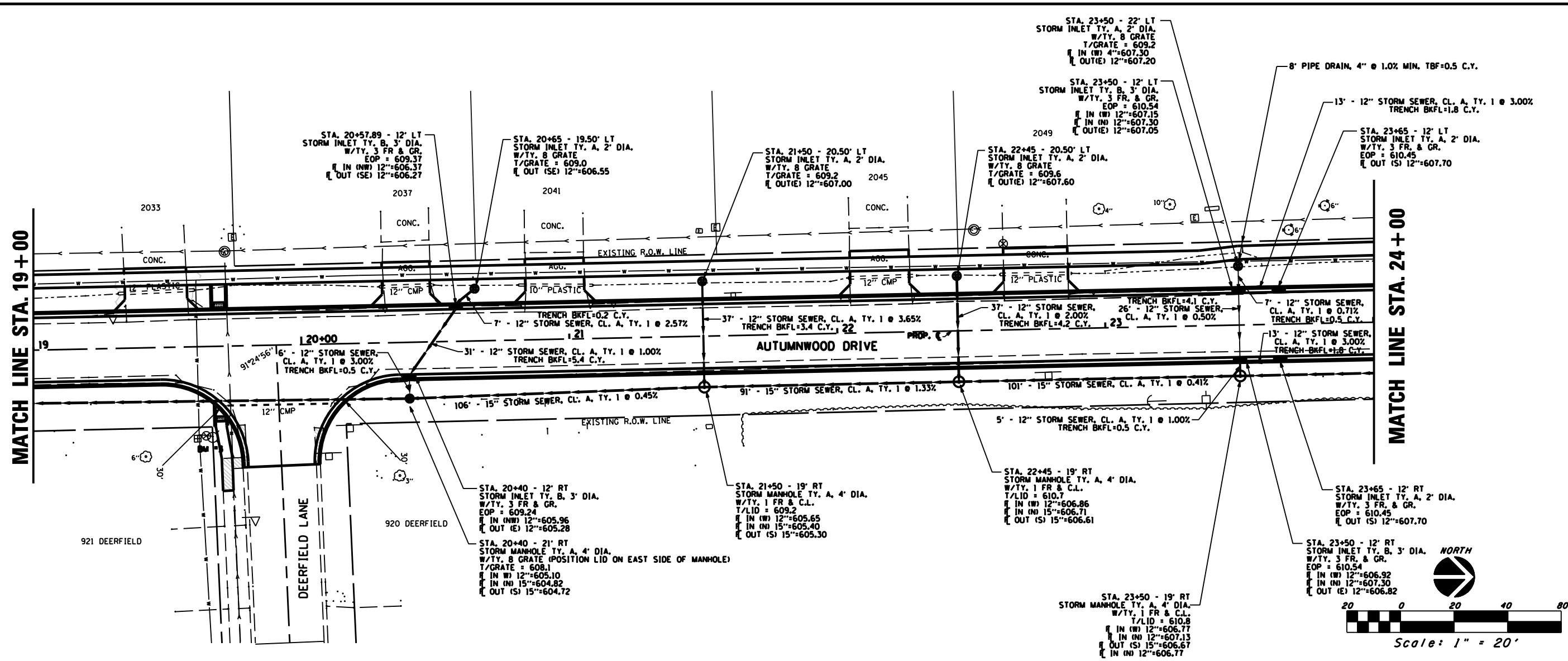
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BY	
PROFILE	SURVEYED
	PLOTTED
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	DATE
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	NOTATION



FILE NAME:	DESIGNED -	REVISED -	Renwick & Associates, Inc. - Consulting Engineers 1304 Gemini Circle, Suite 4 Ottawa, Illinois 61350-2823 Phone 815-434-3200 Fax 815-434-3968 Professional Engineers Land Surveyors	AUTUMWOOD DRIVE ROADWAY RECONSTRUCTION OTTAWA, IL.		F.A.U. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT DATE = FEBRUARY 14, 2022	DRAWN -	REVISED -		6054	17-00169-00-PV	LASALLE	29	8		
PLOT SCALE = 1"=20'	CHECKED -	REVISED -		SCALE: 1" = 20'		SHEET NO. 8 OF 29 SHEETS	STA. 14+10 TO STA. 19+00	CONTRACT NO. 87777 (ILLINOIS)		
	DATE -	REVISED -								

DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	

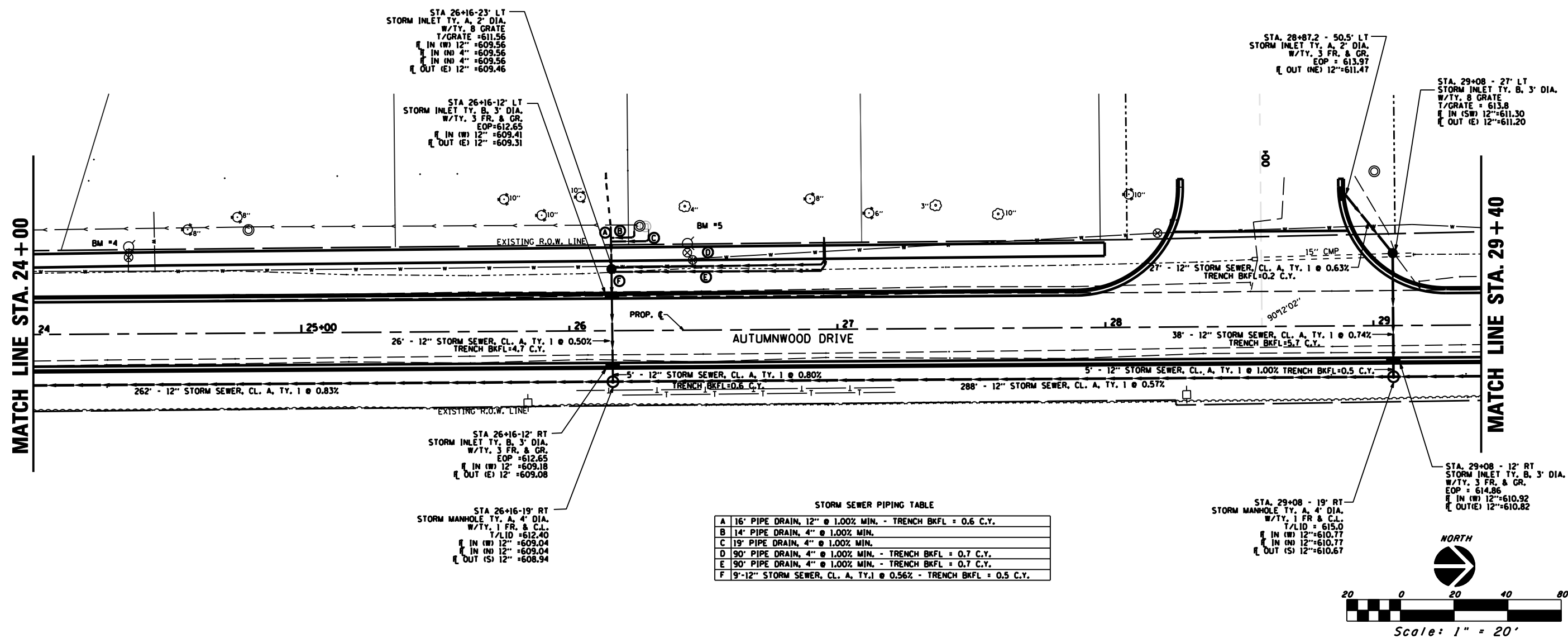
DATE	
BY	
PROFILE	
NO.	



FILE NAME:	DESIGNED -	REVISED -	Renwick & Associates, Inc. - Consulting Engineers 1304 Gemini Circle, Suite 4 Ottawa, Illinois 61350-2823 Phone 815-434-3200 Fax 815-434-3968 Professional Engineers Land Surveyors	AUTUMWOOD DRIVE ROADWAY RECONSTRUCTION OTTAWA, IL.		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT DATE = FEBRUARY 14, 2022	DRAWN -	REVISED -		6054	17-00169-00-PV	LASALLE	29	9		
PLOT SCALE = 1"=20'	CHECKED -	REVISED -		SCALE: 1" = 20'		SHEET NO. 9 OF 29 SHEETS	STA. 19+00 TO STA. 24+00		CONTRACT NO. 87777 (ILLINOIS)	
	DATE -	REVISED -								

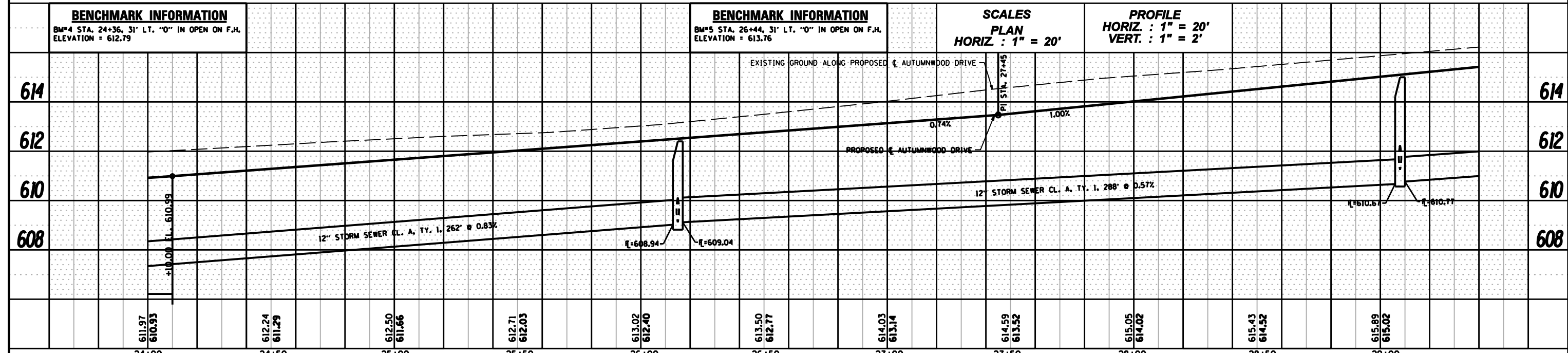
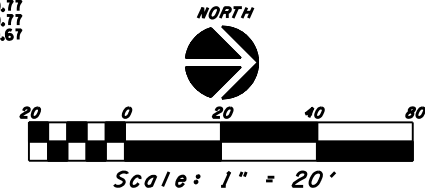
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	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	CADD FILE NAME	



STORM SEWER PIPING TABLE

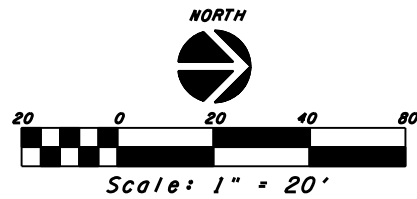
A	16' PIPE DRAIN, 12" @ 1.00% MIN. - TRENCH BKFL = 0.6 C.Y.
B	14' PIPE DRAIN, 4" @ 1.00% MIN.
C	19' PIPE DRAIN, 4" @ 1.00% MIN.
D	90' PIPE DRAIN, 4" @ 1.00% MIN. - TRENCH BKFL = 0.7 C.Y.
E	90' PIPE DRAIN, 4" @ 1.00% MIN. - TRENCH BKFL = 0.7 C.Y.
F	9'-12" STORM SEWER, CL. A, TY. I @ 0.56% - TRENCH BKFL = 0.5 C.Y.



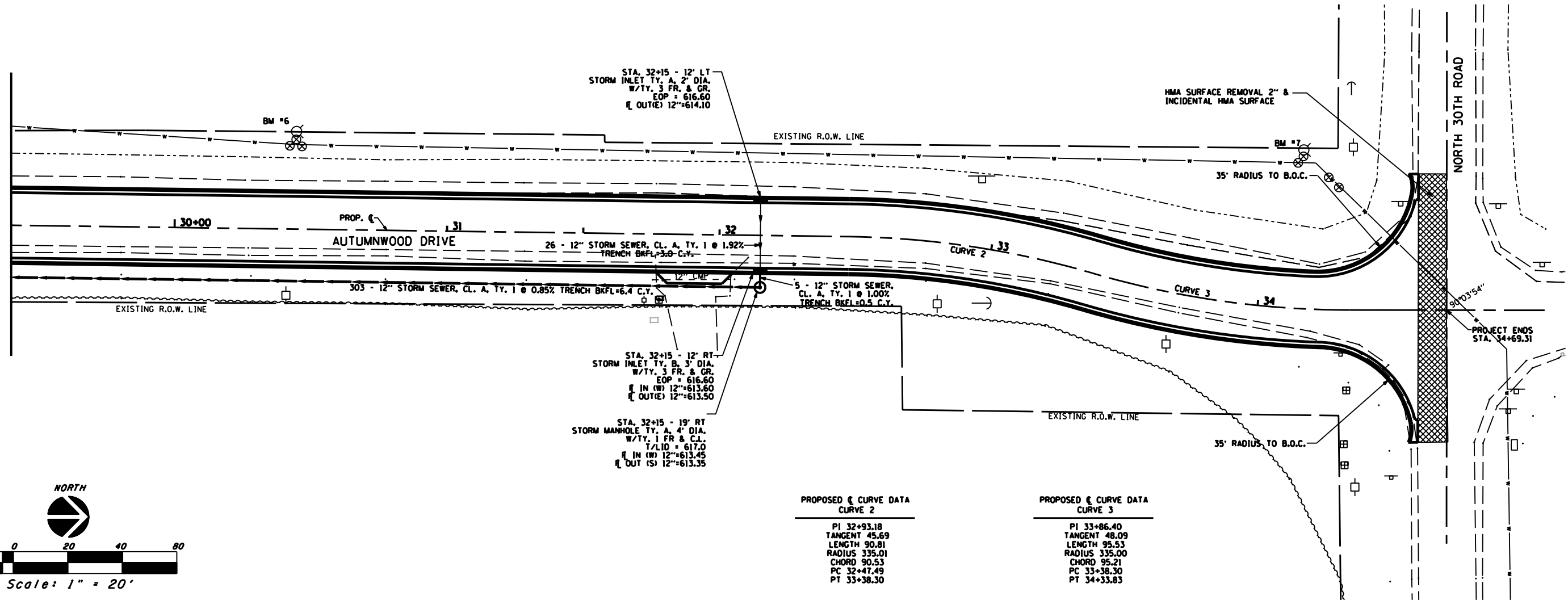
FILE NAME:	DESIGNED -	REVISED -	Renwick & Associates, Inc. - Consulting Engineers 1304 Gemini Circle, Suite 4 Ottawa, Illinois 61350-2823 Phone 815-434-3200 Fax 815-434-3968 Professional Engineers Land Surveyors	AUTUMWOOD DRIVE ROADWAY RECONSTRUCTION OTTAWA, IL.		F.A.U. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT DATE = FEBRUARY 14, 2022	DRAWN -	REVISED -				6054	17-00169-00-PV	LASALLE	29	10	
PLOT SCALE = 1"=20'	CHECKED -	REVISED -				SCALE: 1" = 20'		SHEET NO. 10 OF 29 SHEETS	STA. 24+00 TO STA. 29+00	CONTRACT NO. 87777 (ILLINOIS)	
	DATE -	REVISED -									

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	PROJECT	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	PROJECT	
	NO.	
	NOTATION	



MATCH LINE STA. 29+40

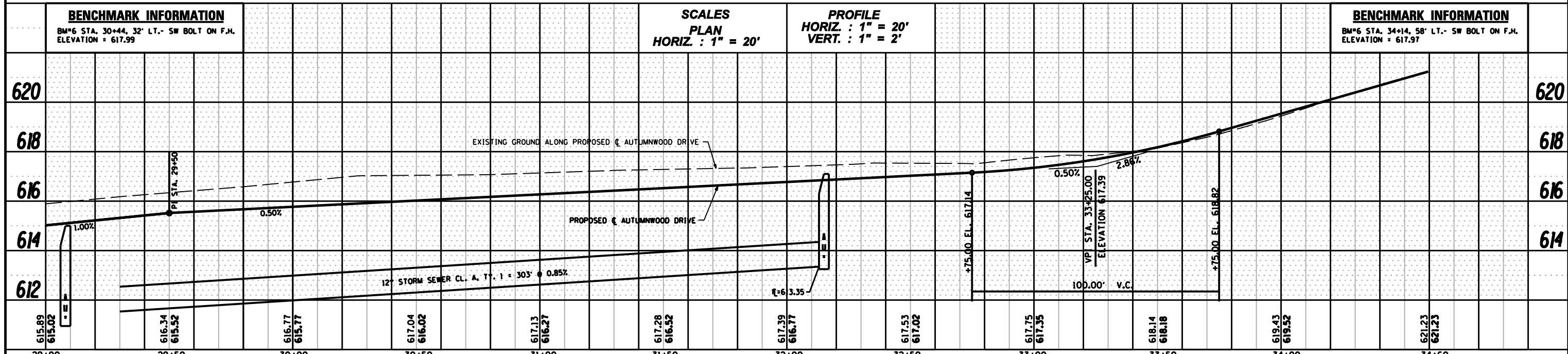


PROPOSED CURVE DATA
CURVE 2

PI	32+93.18
TANGENT	45.69
LENGTH	90.81
RADIUS	335.01
CHORD	90.53
PC	32+47.49
PT	33+38.30

PROPOSED CURVE DATA
CURVE 3

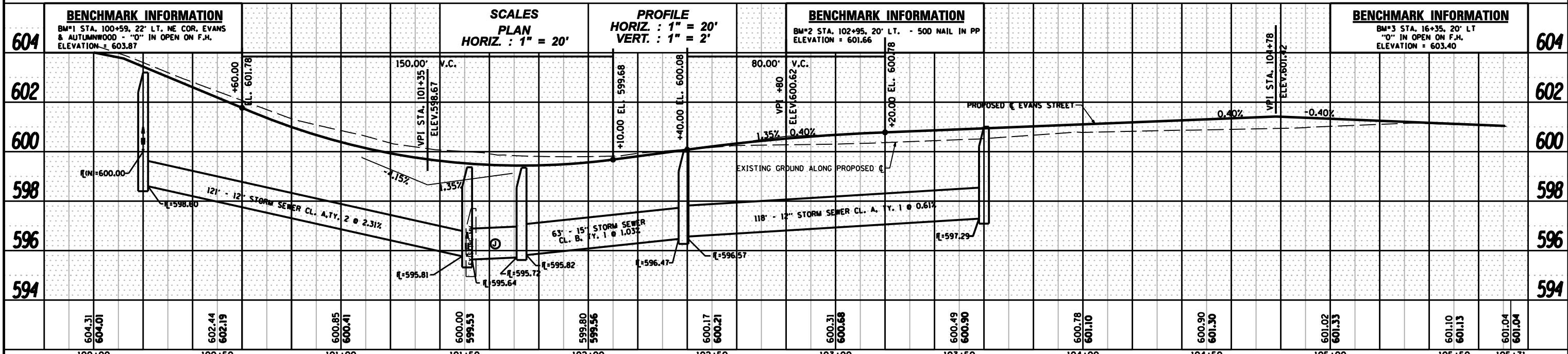
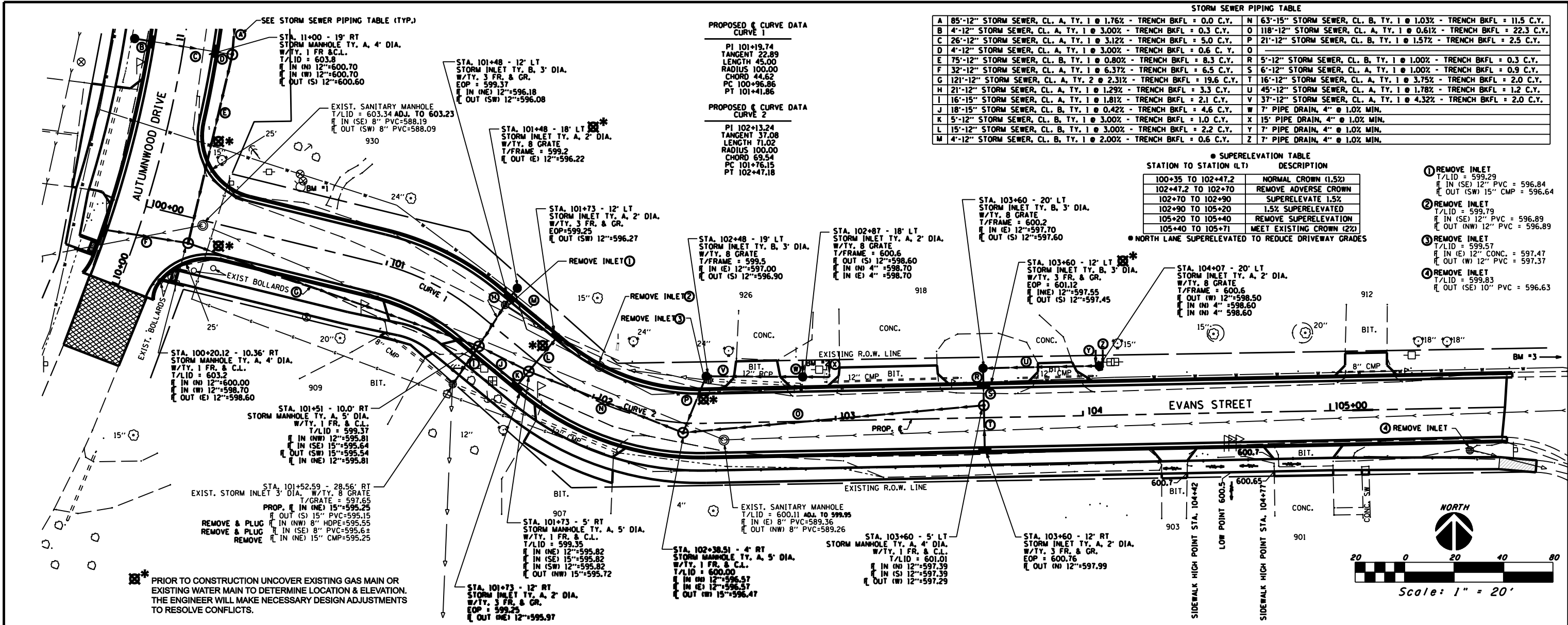
PI	33+86.40
TANGENT	48.09
LENGTH	95.53
RADIUS	335.00
CHORD	95.21
PC	33+38.30
PT	34+33.83

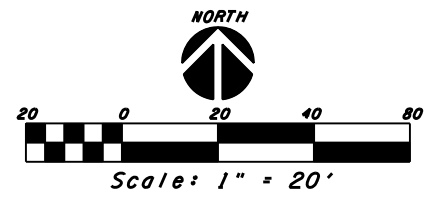
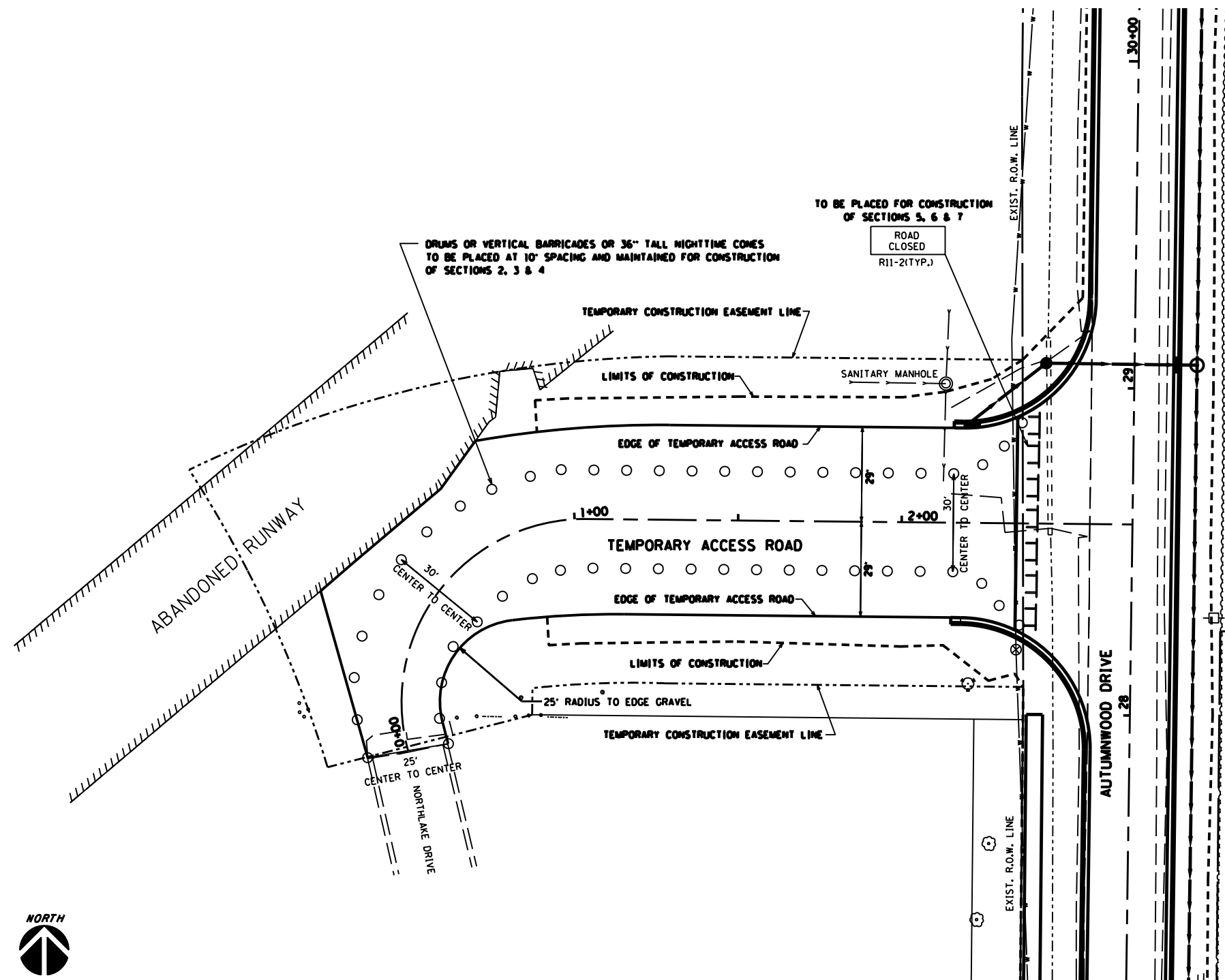


FILE NAME:	DESIGNED -	REVISED -	Renwick & Associates, Inc. - Consulting Engineers 1304 Gemini Circle, Suite 4 Phone 815-434-3200 Professional Engineers Ottawa, Illinois 61350-2823 Fax 815-434-3968 Land Surveyors	AUTUMWOOD DRIVE ROADWAY RECONSTRUCTION		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT DATE = FEBRUARY 14, 2022	DRAWN -	REVISED -		6054	17-00169-00-PV	LASALLE	29	11		
PLOT SCALE = 1"=20'	CHECKED -	REVISED -		SCALE: 1" = 20' SHEET NO. 11 OF 29 SHEETS STA. 29+00 TO STA. 34+60		CONTRACT NO. 87777		ILLINOIS		
	DATE -	REVISED -								

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS OK'D
	NO. _____

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
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	NO. _____



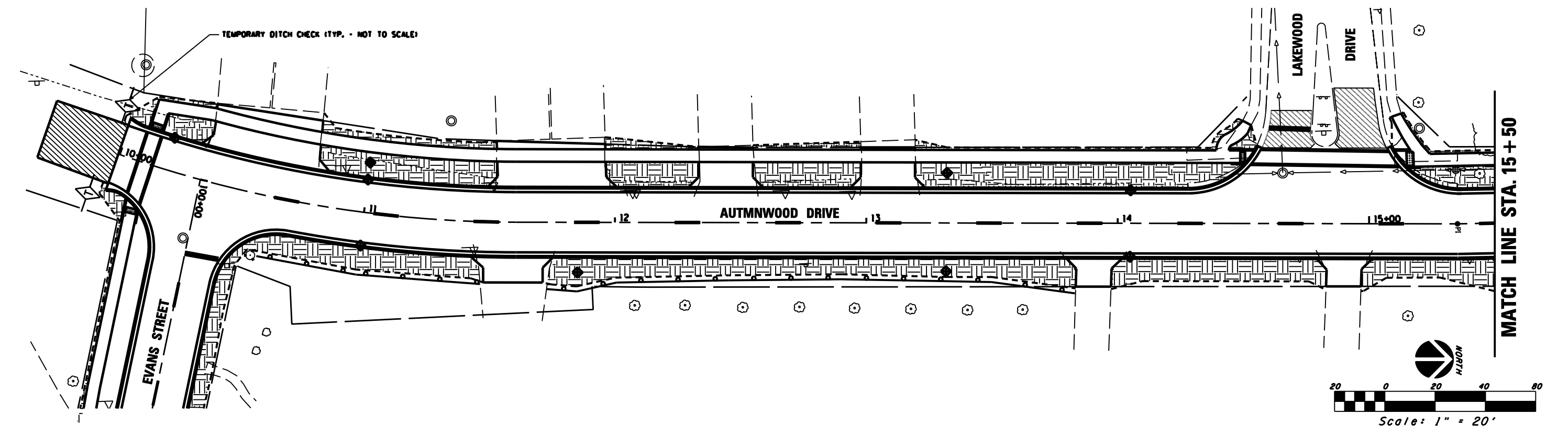
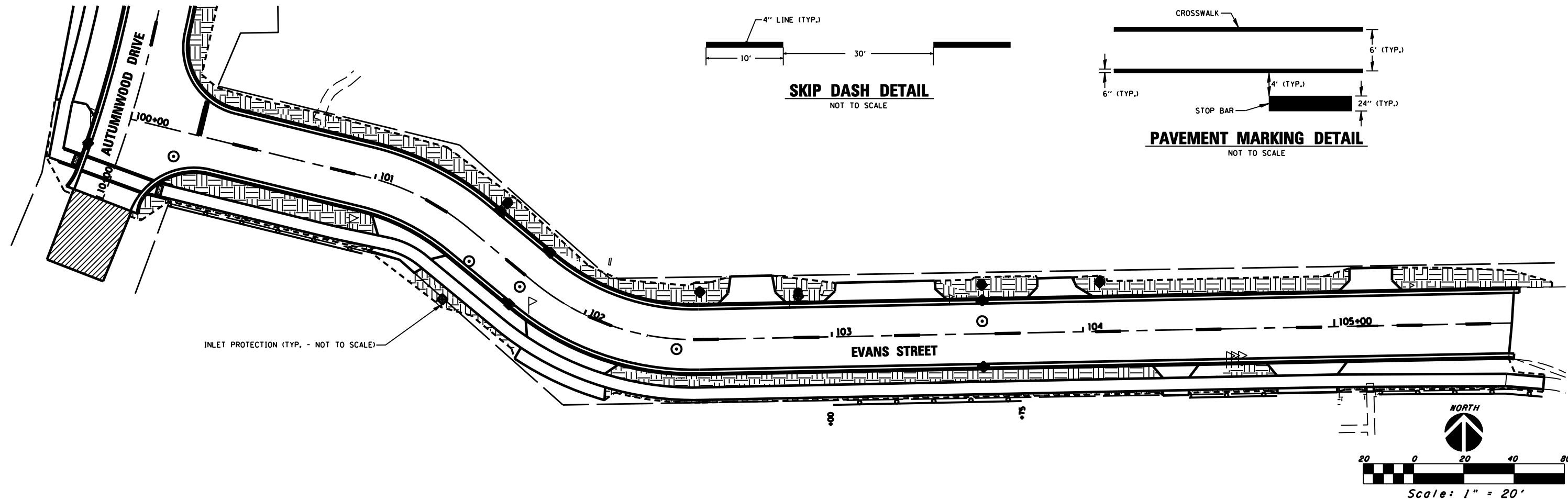


TEMPORARY ACCESS ROAD PLAN

FILE NAME:	DESIGNED -	REVISED -	Renwick & Associates, Inc. – Consulting Engineers 1304 Gemini Circle, Suite 4 Phone 615-434-3200 Professional Engineers Ottawa, Illinois 61350-2823 Fax 615-434-3968 Land Surveyors	AUTUMNWOOD DRIVE ROADWAY RECONSTRUCTION OTTAWA, IL.		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT DATE = FEBRUARY 14, 2022	DRAWN -	REVISED -				6054	17-00169-00-PV	LASALLE	29	14
PLOT SCALE = 1"=40'	CHECKED -	REVISED -		CONTRACT NO. 8777		ILLINOIS				
	DATE -	REVISED -								

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	



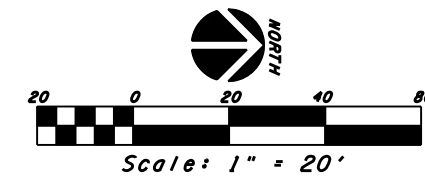
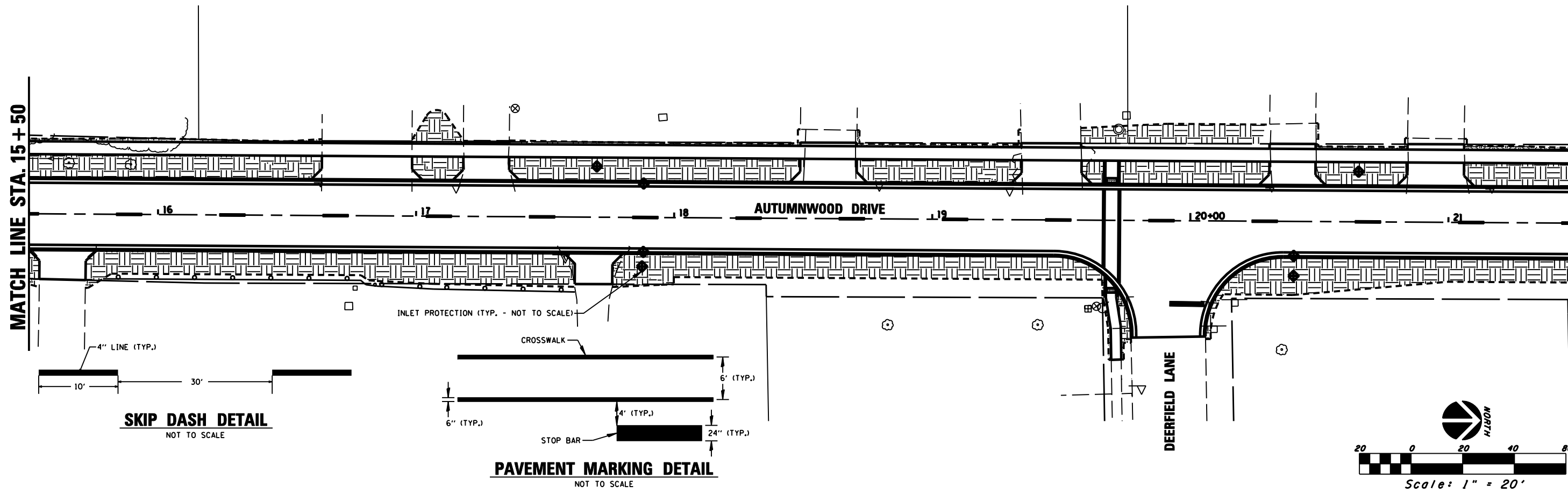
EROSION & SEDIMENT CONTROL AND PAVEMENT MARKING DETAILS

FILE NAME:	DESIGNED -	REVISED -	Renwick & Associates, Inc. - Consulting Engineers 1304 Gemini Circle, Suite 4 Phone 815-434-3200 Professional Engineers Ottawa, Illinois 61350-2823 Fax 815-434-3968 Land Surveyors	AUTUMNWOOD DRIVE ROADWAY RECONSTRUCTION		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT DATE = FEBRUARY 14, 2022	DRAWN -	REVISED -		SCALE: 1" = 20'	STA. 100+00 TO STA. 105+70	STA. 10+00 TO STA. 15+50	6054	17-00169-00-PV	LASALLE	29	15
PLOT SCALE = 1" = 20'	CHECKED -	REVISED -				CONTRACT NO. 87777		ILLINOIS			
	DATE -	REVISED -									

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

MATCH LINE STA. 15+50

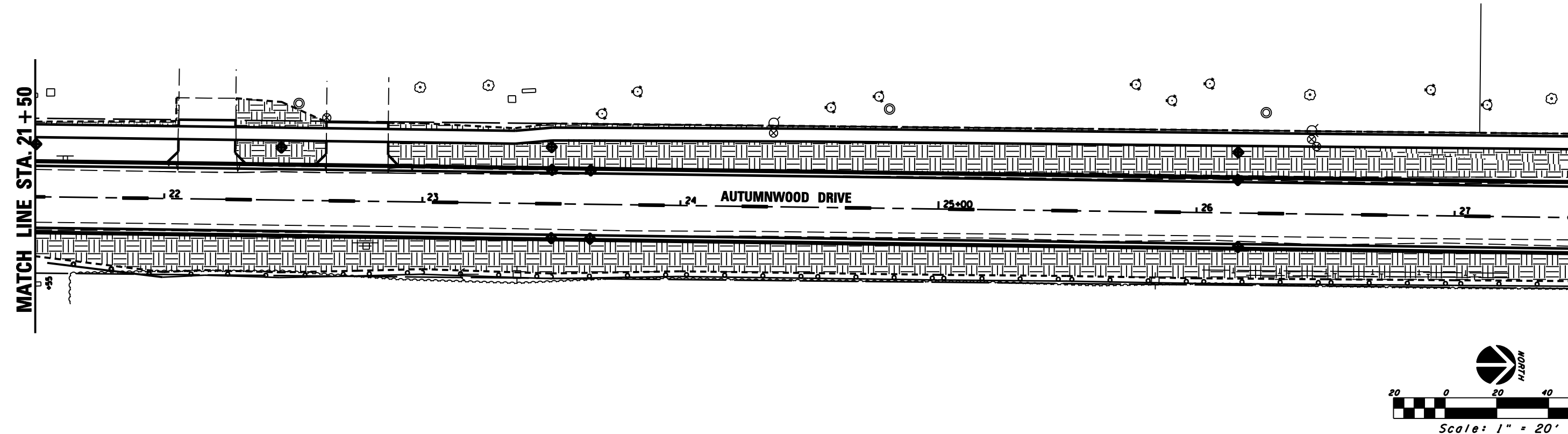
MATCH LINE STA. 21+50



PROFILE	SURVEYED	DATE
	PLOTTED	
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	BY	
	NO.	
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MATCH LINE STA. 21+50

MATCH LINE STA. 27+50

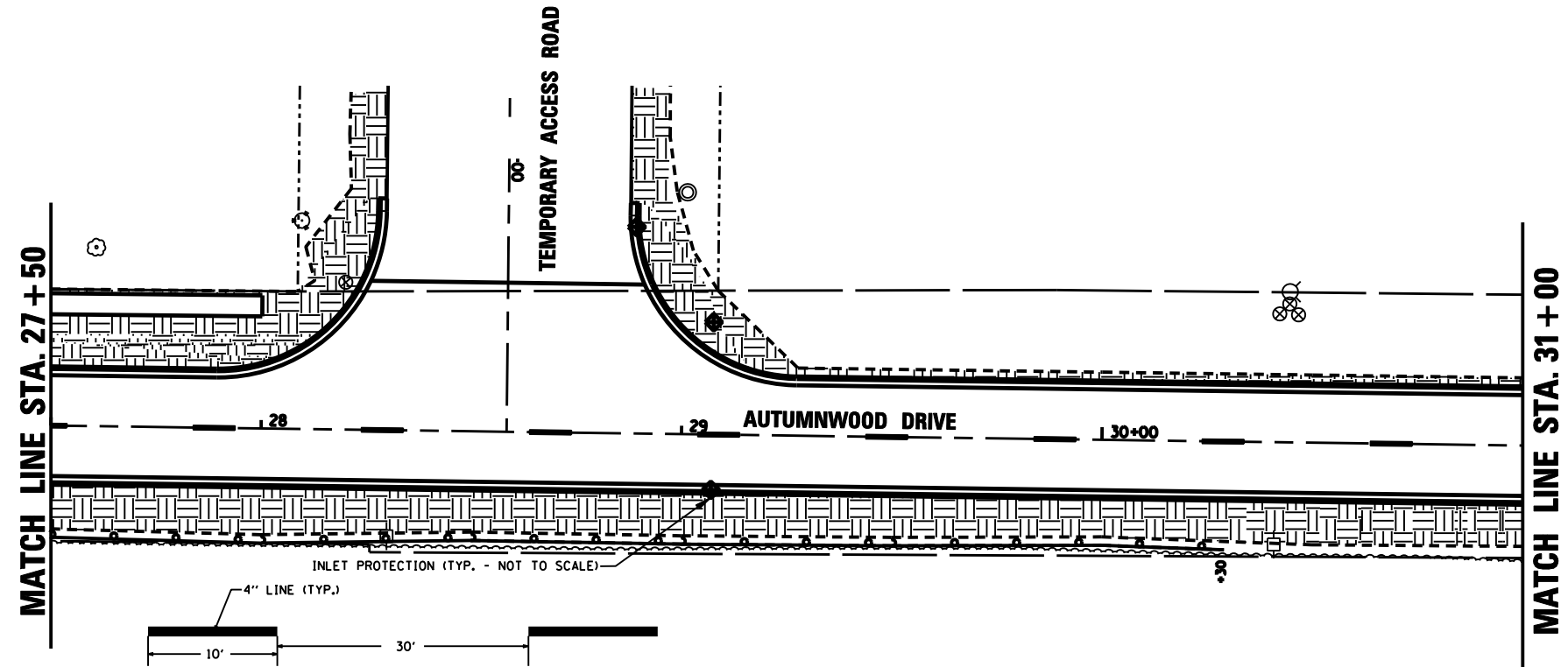
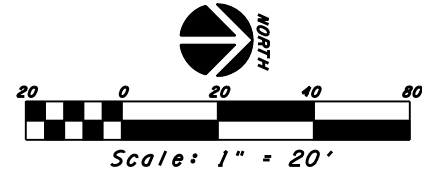


EROSION & SEDIMENT CONTROL AND PAVEMENT MARKING DETAILS

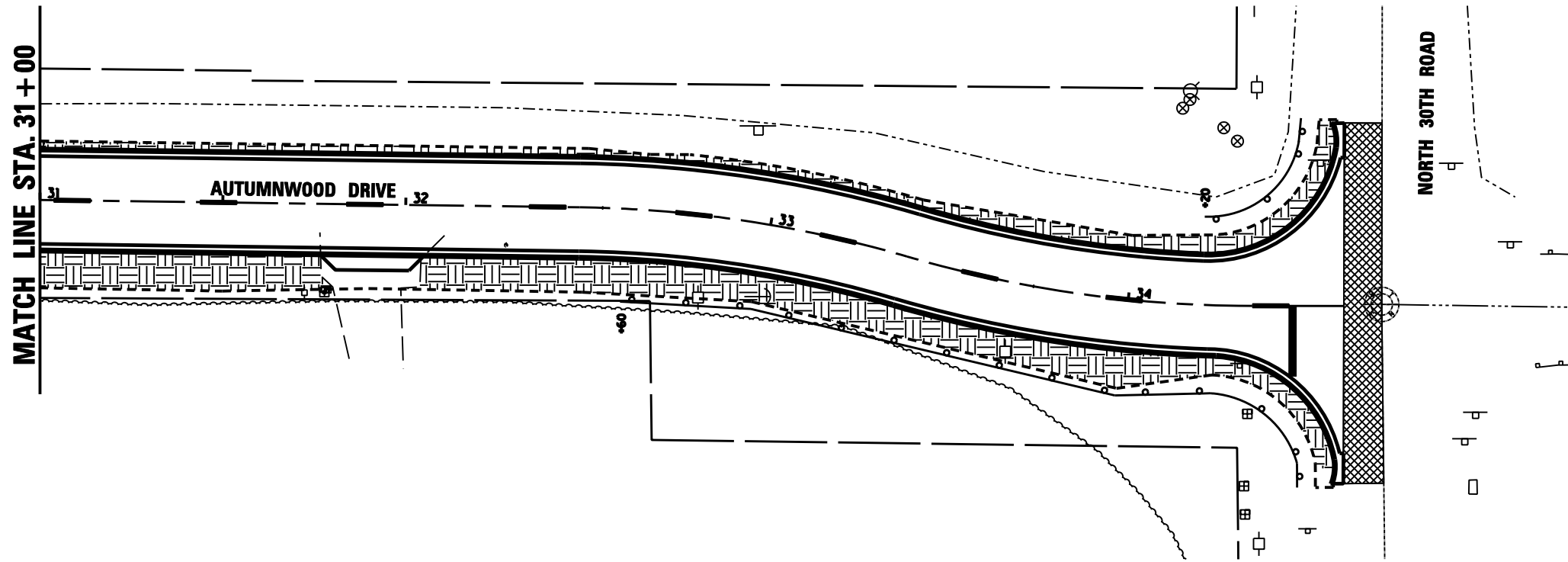
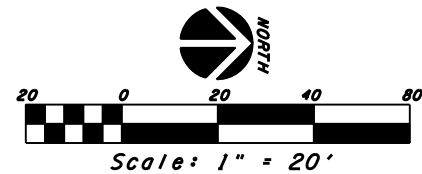
FILE NAME:	DESIGNED -	REVISED -	Renwick & Associates, Inc. – Consulting Engineers 1304 Gemini Circle, Suite 4 Phone 815-434-3200 Professional Engineers Ottawa, Illinois 61350-2823 Fax 815-434-3968 Land Surveyors	AUTUMNWOOD DRIVE ROADWAY RECONSTRUCTION		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT DATE = FEBRUARY 14, 2022	DRAWN -	REVISED -		SCALE: 1" = 20'	OTTAWA, IL.		6054	17-00169-00-PV	LASALLE	29	16
PLOT SCALE = 1"=20'	CHECKED -	REVISED -		STA. 15+50 TO STA. 27+50		CONTRACT NO. 87777		ILLINOIS			
	DATE -	REVISED -									

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	BY	



SKIP DASH DETAIL
NOT TO SCALE

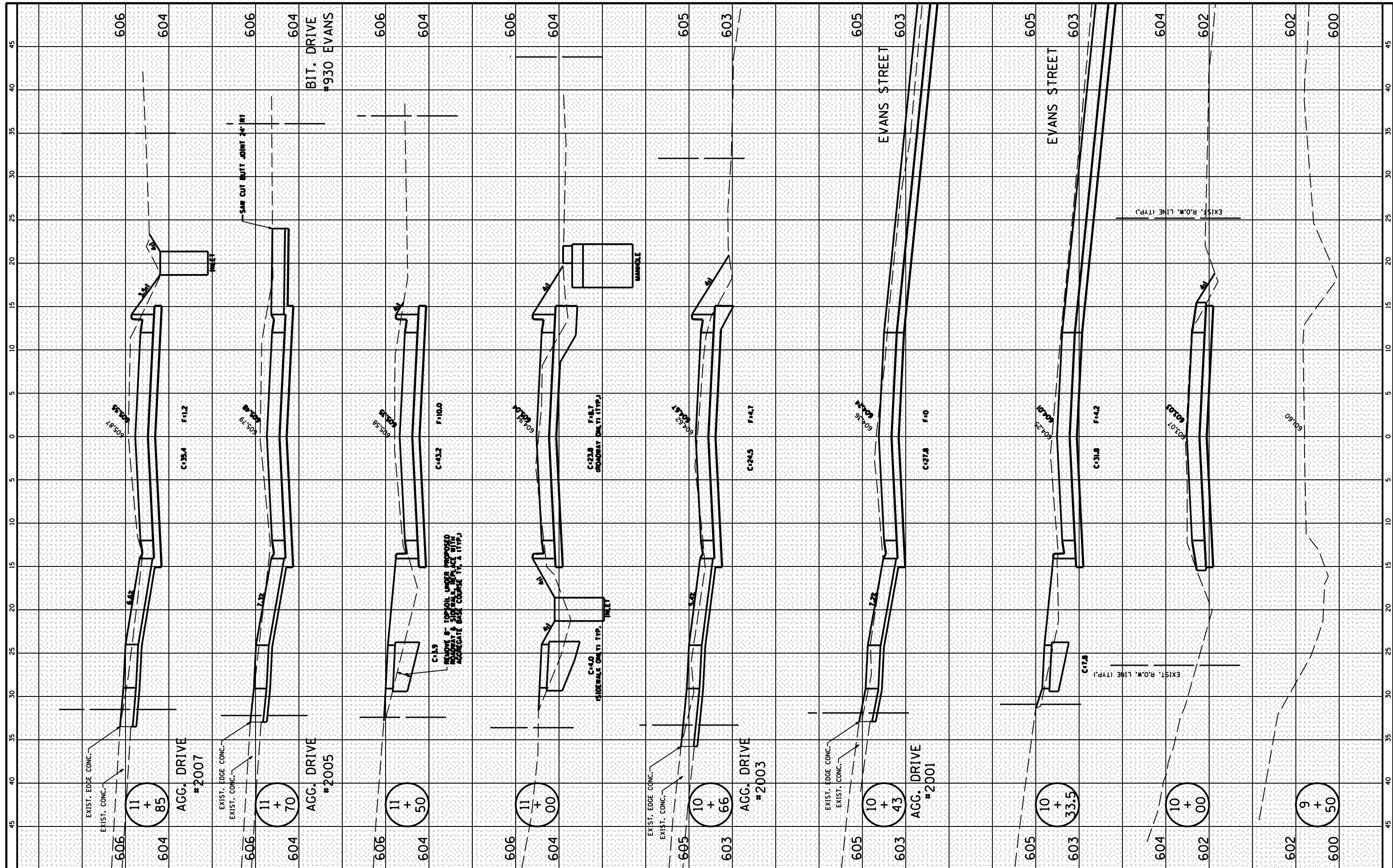


EROSION & SEDIMENT CONTROL AND PAVEMENT MARKING DETAILS

FILE NAME:	DESIGNED -	REVISED -	Renwick & Associates, Inc. – Consulting Engineers 1304 Gemini Circle, Suite 4 Phone 815-434-3200 Professional Engineers Ottawa, Illinois 61350-2823 Fax 815-434-3968 Land Surveyors	AUTUMNWOOD DRIVE ROADWAY RECONSTRUCTION		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT DATE = FEBRUARY 14, 2022	DRAWN -	REVISED -		SCALE: 1" = 20'	OTAWA, IL.	6054	17-00169-00-PV	LASALLE	29	17
PLOT SCALE = 1"=20'	CHECKED -	REVISED -		STA. 27+50 TO STA. 34+60	CONTRACT NO. 87777	ILLINOIS				
	DATE -	REVISED -								

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		



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USER NAME = RCT
 PLOT SCALE = 5
 PLOT DATE = 2-14-2022

DESIGNED	-	REVISD	-
DRAWN	-	REVISD	-
CHECKED	-	REVISD	-
DATE	-	REVISD	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

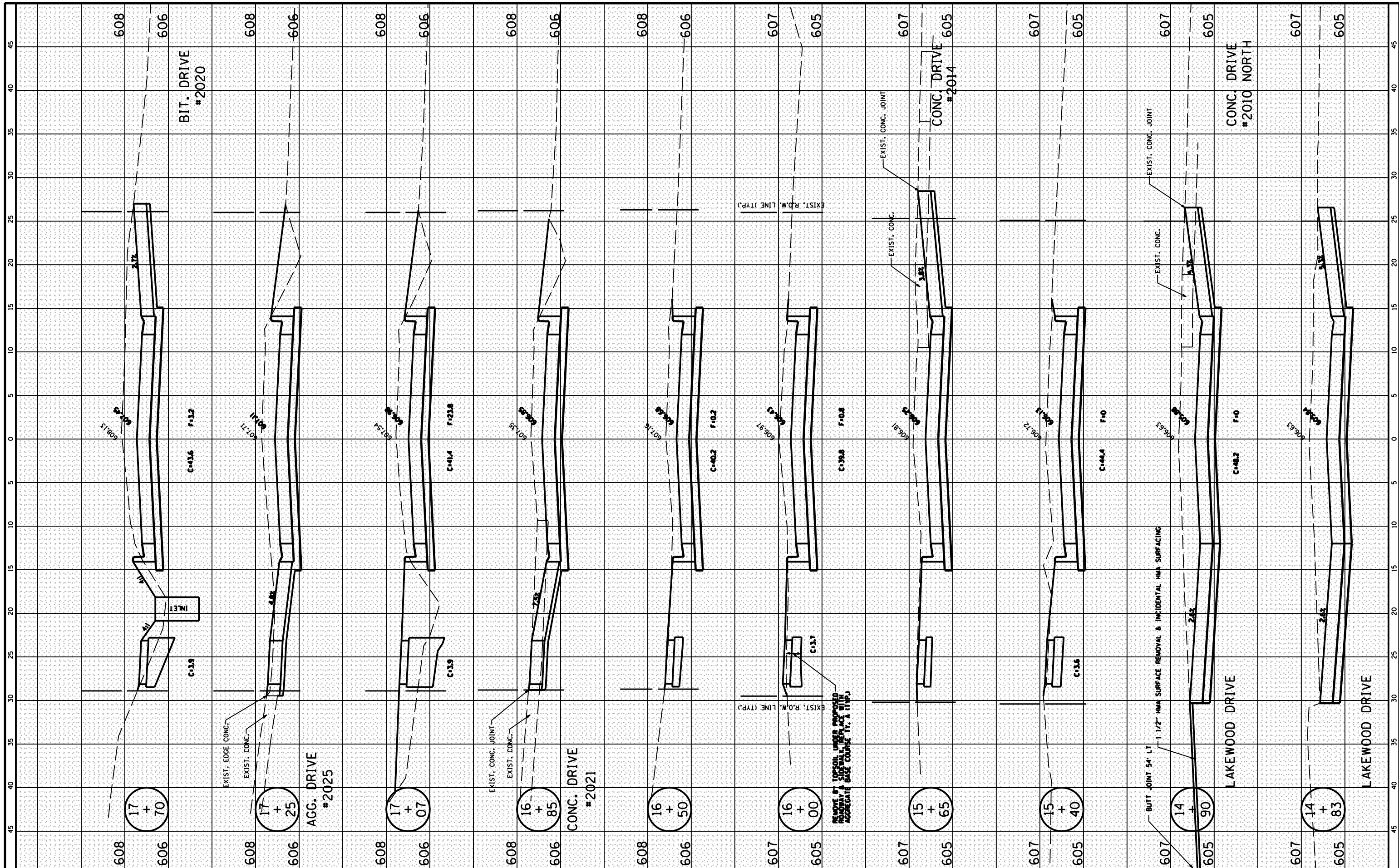
**AUTUMNWOOD DRIVE RECONSTRUCTION
OTTAWA, IL.**

SCALE: 1" = 5' SHEET 20 OF 29 SHEETS STA. 9+50 TO STA. 11+85

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6054	17-00169-00-PV	LASALLE	29	20
Contract NO. 87777				
ILLINOIS				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

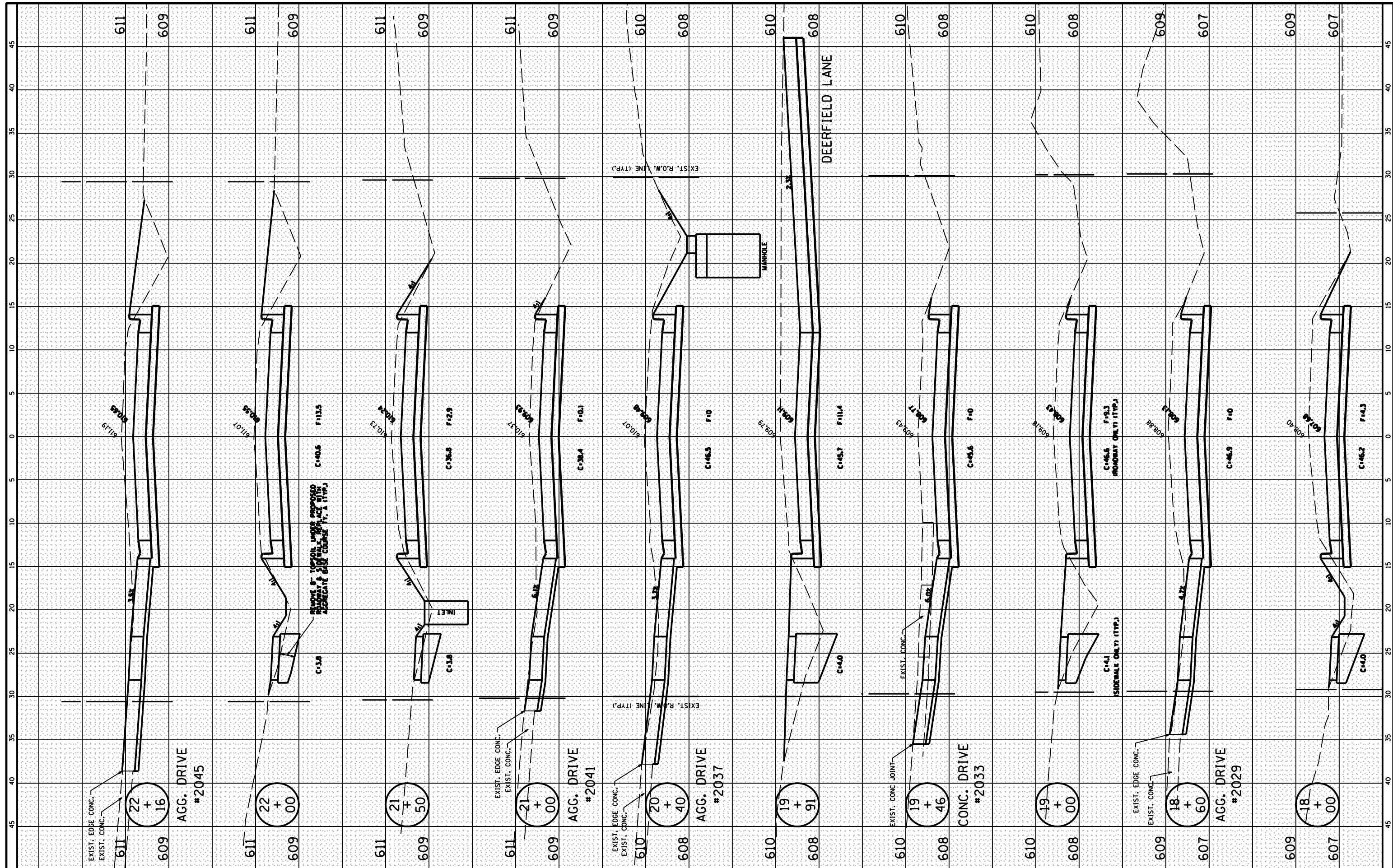
**AUTUMNWOOD DRIVE RECONSTRUCTION
OTTAWA, IL.**

SCALE: 1" = 5' SHEET 22 OF 29 SHEETS STA. 14+83 TO STA. 17+70

F.A. RTE. 6054	SECTION 17-00169-00-PV	COUNTY LASALLE	TOTAL SHEETS 29	SHEET NO. 22
Contract NO. 87777				
ILLINOIS				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS	
	CHECKED	



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PLOT SCALE = 5	DRAWN -	REVISD -
PLOT DATE = 2-14-2022	CHECKED -	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

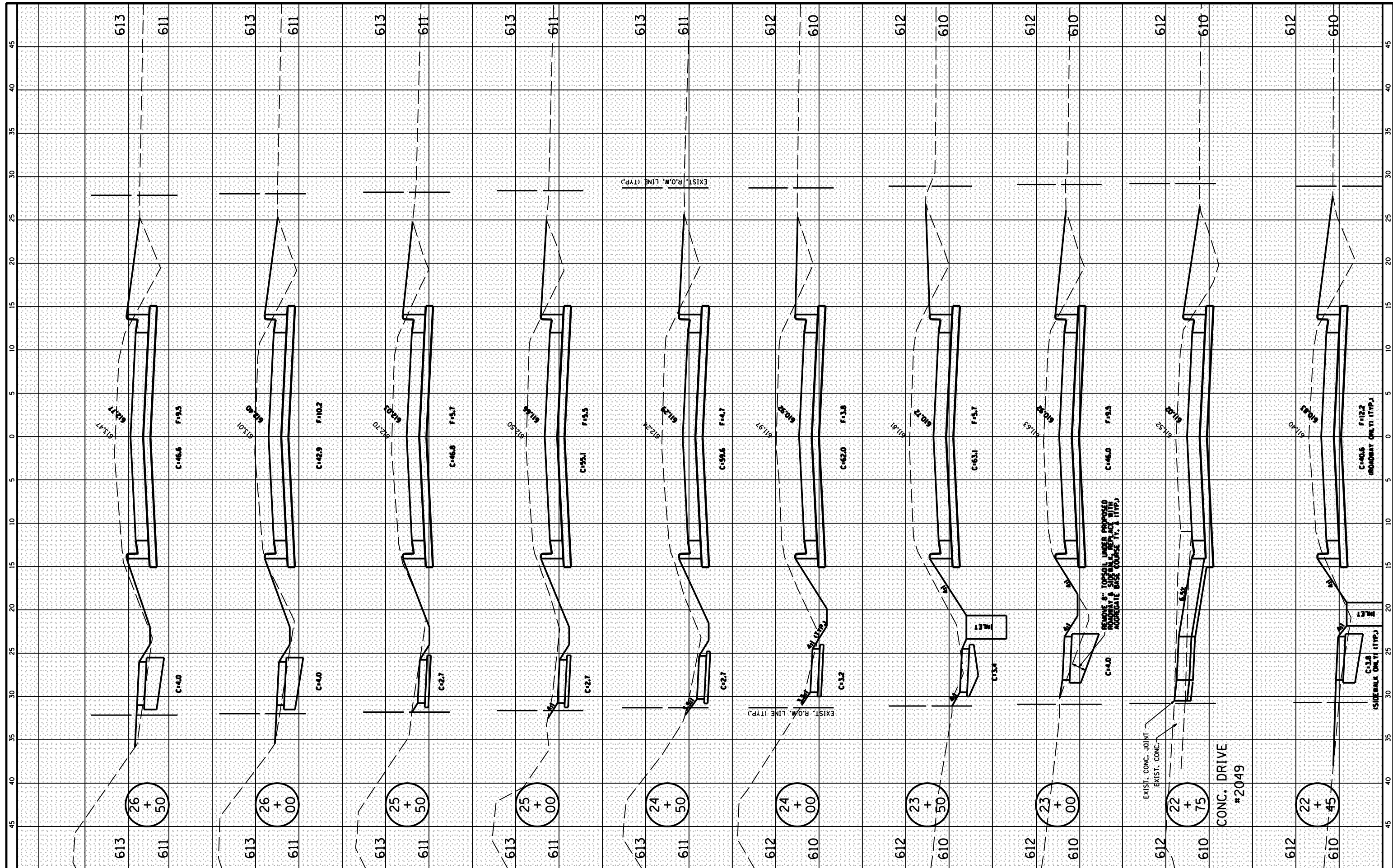
**AUTUMNWOOD DRIVE RECONSTRUCTION
OTTAWA, IL.**

SCALE: 1" = 5' SHEET 23 OF 29 SHEETS STA. 18+00 TO STA. 22+16

F.A. RTE. 6054	SECTION 17-00169-00-PV	COUNTY LASALLE	TOTAL SHEETS 29	SHEET NO. 23
Contract NO. 87777				
ILLINOIS				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = R:\16.2.4.XSECTION_SHEETS.dgn
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	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

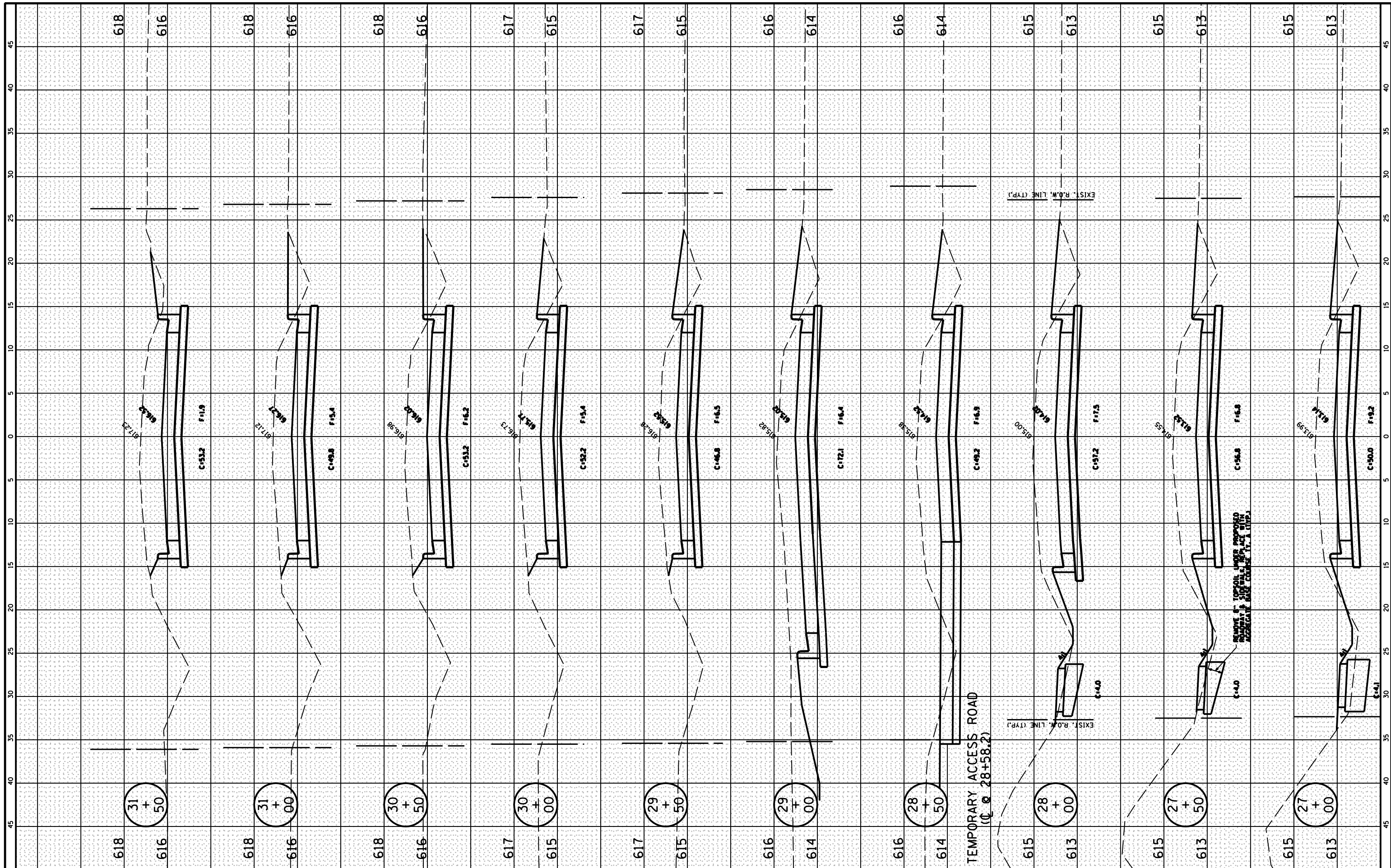
**AUTUMNWOOD DRIVE RECONSTRUCTION
OTTAWA, IL.**

SCALE: 1" = 5' SHEET 24 OF 29 SHEETS STA. 22+45 TO STA. 26+45

F.A. RTE. 6054	SECTION 17-00169-00-PV	COUNTY LASALLE	TOTAL SHEETS 29	SHEET NO. 24
Contract NO. 87777				
ILLINOIS				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
AREAS CHECKED	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
AREAS CHECKED	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	



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	DRAWN -	REVISOR -
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PLOT DATE = 2-14-2022	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

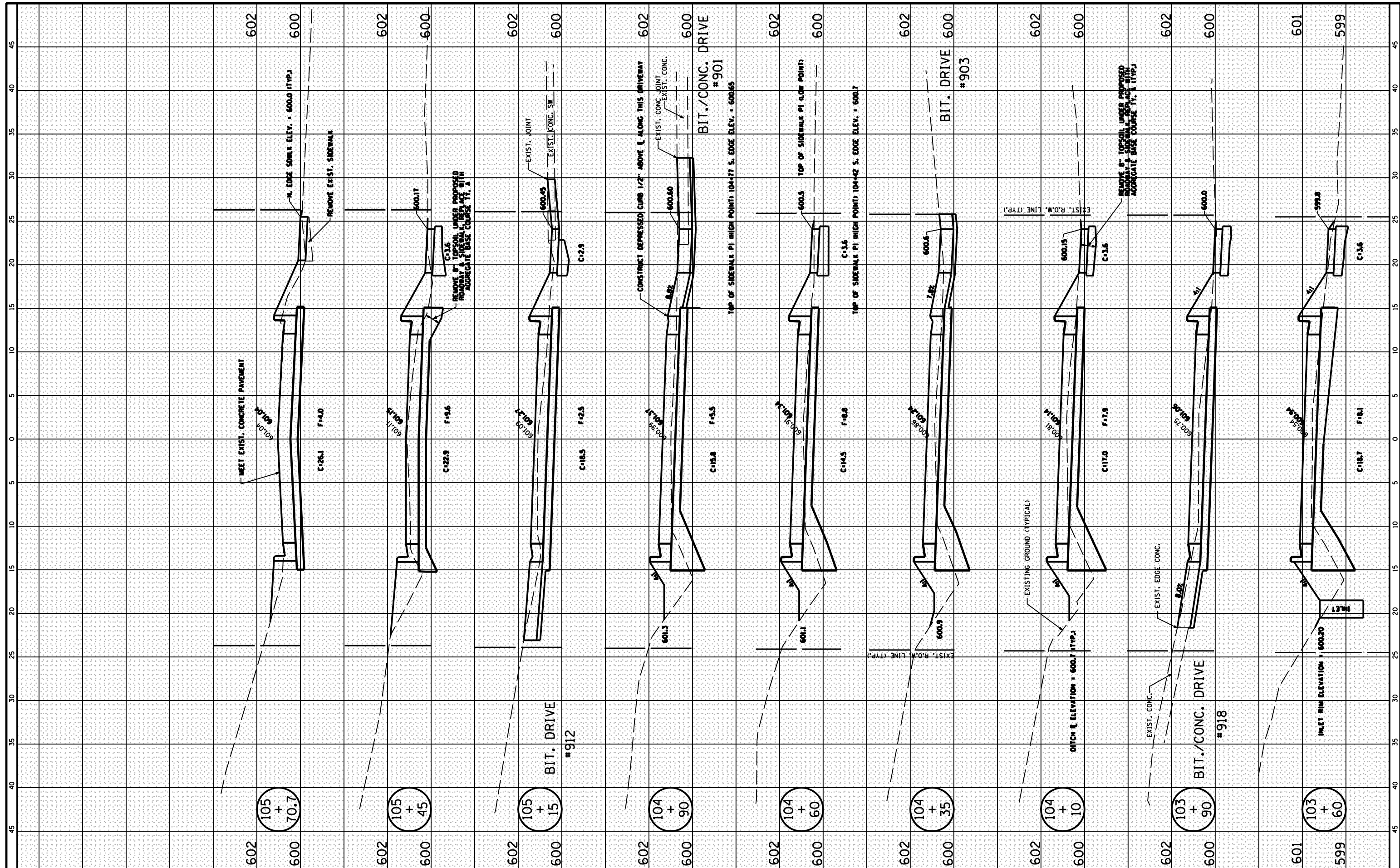
**AUTUMNWOOD ROAD RECONSTRUCTION
OTTAWA, IL.**

SCALE: 1" = 5' SHEET 25 OF 29 SHEETS STA. 27+00 TO STA. 31+50

F.A. RTE. 6054	SECTION 17-00169-00-PV	COUNTY LASALLE	TOTAL SHEETS 29	SHEET NO. 25
Contract NO. 87777				
ILLINOIS				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = R:\16.2.4.XSECTION.SHEETS.dgn
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	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

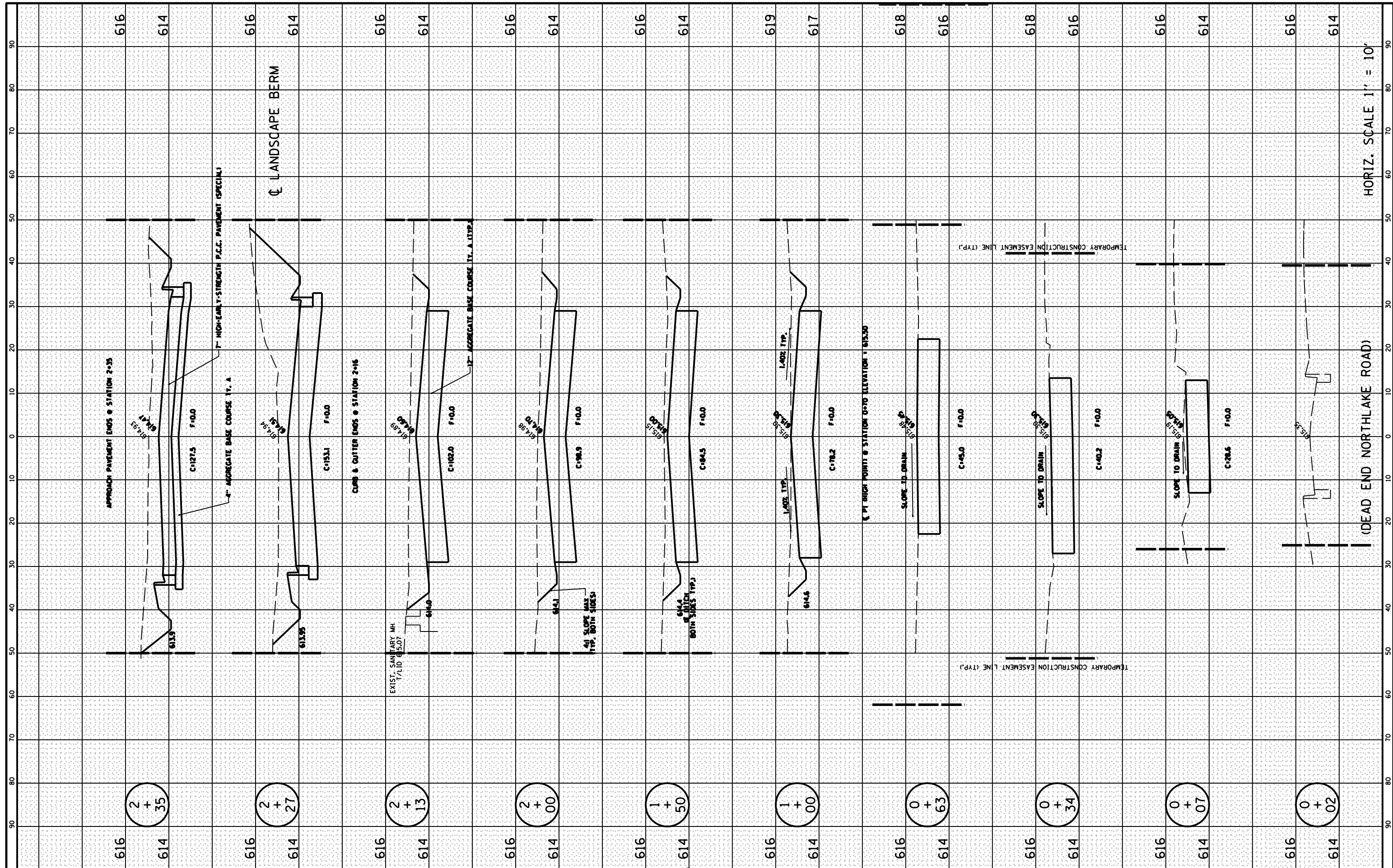
**EVANS STREET RECONSTRUCTION
OTTAWA, IL.**

SCALE: 1" = 5' SHEET 28 OF 29 SHEETS STA. 103+60 TO STA. 105+71

F.A. RTE. 6054	SECTION 17-00169-00-PV	COUNTY LASALLE	TOTAL SHEETS 29	SHEET NO. 28
Contract NO. 87777				
ILLINOIS				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		



FILE NAME = R:\16.2.4.XSECTION.SHEETS.dgn
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USER NAME = RCT	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 5	CHECKED -	REVISD -
PLOT DATE = 2-14-2022	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY ACCESS ROAD CONSTRUCTION
OTTAWA, IL.**

SCALE: 1" = 5' SHEET 29 OF 29 SHEETS STA. 0+02 TO STA. 2+35

F.A. RTE. 6054	SECTION 17-00169-00-PV	COUNTY LASALLE	TOTAL SHEETS 29	SHEET NO. 29
Contract NO. 87777				
ILLINOIS				