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52-53	CROSS SECTIONS - FAIRWOOD HILLS DRIVE HIGHWAY STANDARDS

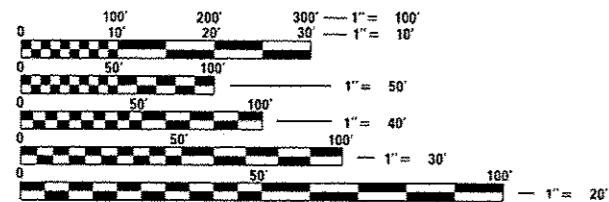
IDOT HIGHWAY STANDARDS

000001-06	602406-06	701901-04
001001-02	602601-03	720001-01
001006	602701-02	720006-04
280001-07	604001-04	720011-01
420001-08	604006-05	728001-01
424001-08	604011-05	729001-01
542301-03	604036-03	780001-05
542401-01	606001-06	782001
602301-04	606301-04	BLR 14-11
602306-03	701501-06	BLR 21-9
602401-03	701801-05	

DESIGN DESIGNATION

F.A.U. 9170 (SIMMONS RD.) - MAJOR COLLECTOR
2034 ADT = 9,019
DESIGN SPEED = 25 MPH
F.A.U. 9148 (MILBURN SCHOOL RD.) - MAJOR COLLECTOR
2034 ADT = 6,660
DESIGN SPEED = 25 MPH

**FOR SUMMARY OF QUANTITIES
SEE SHEET 3**



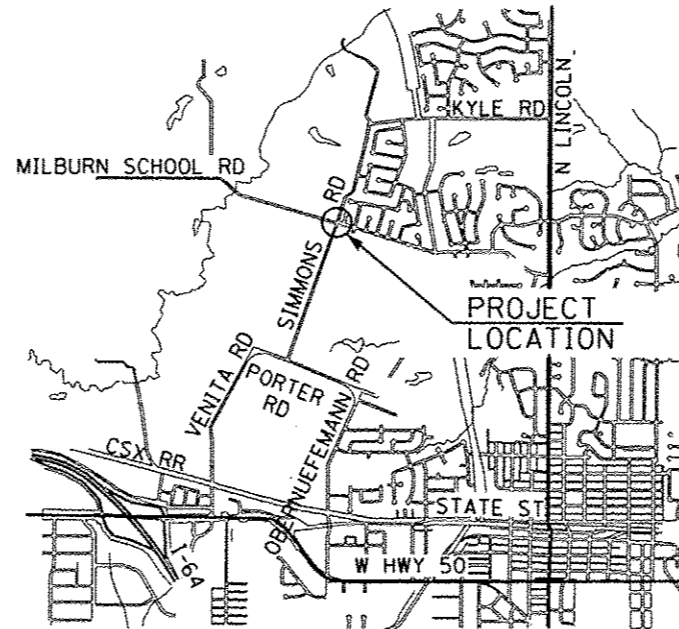
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
LOCAL AGENCY PROJECT**

FAU ROUTE 9170 (SIMMONS RD)
FAU ROUTE 9148 (MILBURN SCHOOL RD)
FAU 9299 (FAIRWOOD HILLS DRIVE)
SECTION 12-00059-04-PV
PROJECT NO. CMM-5011(378)
CITY OF O'FALLON, ILLINOIS
ST. CLAIR COUNTY
JOB NO. C-98-355-12



LOCATION MAP

GROSS LENGTH OF PROJECT = 654.42 FEET (0.124 MILES) - ALONG SIMMONS RD
GROSS LENGTH OF PROJECT = 174.21 FEET (0.033 MILES) - ALONG MILBURN SCHOOL RD
GROSS LENGTH OF PROJECT = 241.27 FEET (0.046 MILES) - ALONG FAIRWOOD HILLS RD
NET LENGTH OF PROJECT = 1,064.9 FEET (0.203 MILES)

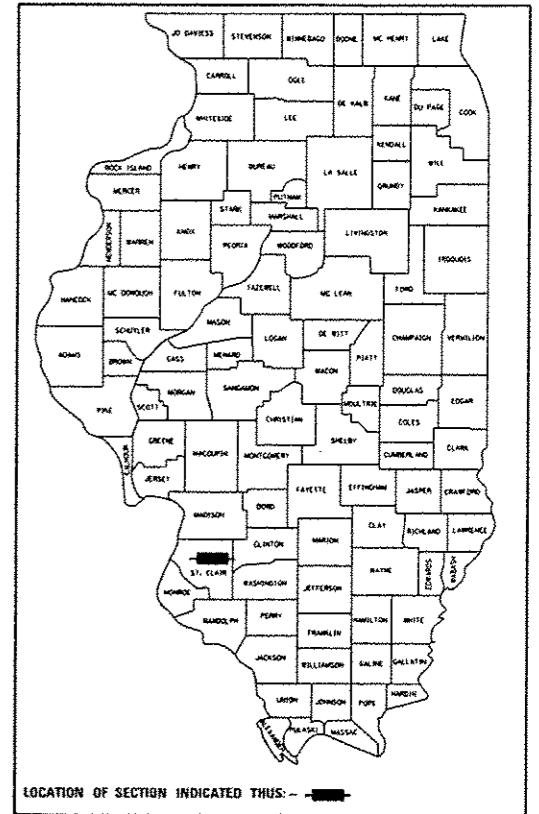
PLANS PREPARED BY



www.HornerShifrin.com

640 Pierce Boulevard Suite 200 • O'Fallon, Illinois 62269
Phone: (618) 622-3040 • Fax (618) 622-3070
Illinois Professional Design Firm No. 184-000435
License Expires 4/30/2015

CITY OF O'FALLON, ILLINOIS	
ROUNDABOUT AT SIMMONS RD & MILBURN SCHOOL RD 53	TOTAL SHEET NO. 1
SECTION 12-00059-04-PV	
CONTRACT 97601	
FEDERAL AID PROJECT	



City of O'Fallon, Illinois
255 South Lincoln
O'Fallon, Illinois 62269
Phone: (618) 624-4500
Fax: (618) 624-4508
www.ofallon.org

APPROVED: *Amy L. Decker* 20
10-07-2015
MAYOR, CITY OF O'FALLON, ILLINOIS

PASSED: *[Signature]* 20
11/10/15
DISTRICT 8 ENGINEER OF LOCAL ROAD & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW: *[Signature]* 20
11/10/15
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Professional Engineer Seal: BRIAN D. SCHMIDT, LICENSED PROFESSIONAL ENGINEER OF ILLINOIS, 062-056773

Brian D. Schmidt 10/5/2015
Brian D. Schmidt, P.E. Date
License Expires 11/30/2015

USER NAME : bschmidt
PLOT DATE : 10/27/2015
PLOT TIME : 10:27:24
PLOT SCALE : 0.848822 / 1"
PEN TABLE : 05-Hot-100
PLOT DRIVER : HPGL-PS-Plotter
FILE NAME : I:\225810-Simmons\Local\11-Plans\01-08-97601-St-Clair-Cover.dwg

GENERAL NOTES

1. EXISTING UNDERGROUND AND ABOVE-GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED UPON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATION OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY; AND TO PROTECT ALL SUCH EXISTING FEATURES (EXCEPT THOSE SPECIFICALLY NOTED FOR REMOVAL OR DEMOLITION) DURING CONSTRUCTION.

2. THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

3. FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT	2.016	TONS/CU. YD.
ALL AGGREGATE	2.05	TONS/CU. YD.
HOT-MIX ASPHALT MATERIALS:		
ON PAVEMENT	0.09	GAL./SQ. YD.
INTERMEDIATE LIFTS(FOG COAT)	0.04	GAL./SQ. YD.
ON AGGREGATE SURFACE	0.32	GAL./SQ. YD.
RIPRAP	1.50	TONS/CU. YD.

4. TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.

5. CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.

6. FORMS FOR COMBINATION CONCRETE CURB AND GUTTER AND CONCRETE GUTTER TYPE A SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

7. ALL PIPE CULVERTS DESIGNATED ON THE PLANS (R.C.C.P.) SHALL BE "REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE" CONFORMING TO THE REQUIREMENTS OF ARTICLE 1042.06.

8. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.

9. THE BOUNDARIES OF ALL CURB & GUTTER REMOVAL AND PAVEMENT REMOVAL WILL BE MADE USING A CONCRETE SAW. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB & GUTTER REMOVAL AND / OR PAVEMENT REMOVAL PER ART. 440.03.

10. THE CONTRACTOR SHALL NOTIFY IN WRITING THE FOLLOWING EMERGENCY SERVICES 14 DAYS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO TRAFFIC CHANGES:

BRENT SAUNDERS, FIRE CHIEF O'FALLON FIRE DEPARTMENT P.O. BOX 332 O'FALLON, IL 62269	JOHN BETTEN, DIRECTOR OF PUBLIC SAFETY 285 N. SEVEN HILLS ROAD O'FALLON, ILLINOIS 62269
--	--

11. THE REMOVAL AND RELOCATION OF EXISTING SIGNS ARE INCLUDED IN THE COST IN THE UNIT BID PRICES OF THE CONTRACT AND INCLUDES REMOVAL AND INSTALLATION AT THE LOCATION SHOWN ON THE PLANS. ANY DAMAGED SIGNS AND/OR POSTS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE PER ART. 107.25.

12. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MAKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- AMEREN JP
1050 WEST BOULEVARD
BELLEVILLE, IL 62221
- AT&T CORPORATION
203 GOETHE AVENUE
COLLINSVILLE, IL 62234
- CITY OF O'FALLON WATER
255 SOUTH LINCOLN
O'FALLON, IL 62269
- CHARTER COMMUNICATIONS, INC.
7645 MANGNA DRIVE
SUITE 100
BELLEVILLE, IL 62223

MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY A "*" NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

13. IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB.

STRUCTURAL PAVEMENT DESIGN INFORMATION	
SIMMONS ROAD & MILBURN SCHOOL ROAD / FAIRWOOD HILLS DRIVE	
STRUCTURAL DESIGN TRAFFIC (S.D.T.) : YEAR = 2034	
CURRENT ADT (2014): 6,696	
DESIGN YEAR (2034): 9,019	
CLASS II STREET	P.V.= 7,601 S.U.= 236 M.U.= 24
MINIMUM SOIL SUPPORT: IBR = 3 (ASSUMED FOR ENTIRE PROJECT)	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P.C.= 50	S.U.= 50 M.U.= 50 T.F. = 0.37

HOT-MIX ASPHALT MIXTURE DESIGNS		
MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE	HOT-MIX ASPHALT BINDER COURSE
AC/PG:	SBS PG 76-22	PG 64-22
RAP% (MAX): **	0%	10%
DESIGN AIR VOIDS:	4.0% @ Ndes=90	4.0% @ Ndes=90
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-12.5	IL 19.0
FRICTION AGGREGATE	MIXTURE "D"	N/A

** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE MATERIALS ENGINEER.

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		DATE -	REVISED -



GENERAL NOTES, ALIGNMENT TIES, & HMA MIXTURE DESIGNS

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS		53	2
SECTION 12-00059-04-PV			
CONTRACT 97601			

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE	
				80% STATE 20% CITY	
				ROADWAY	
				0004	NONE
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	10	10	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	48	48	
20200100	EARTH EXCAVATION	CU YD	2489	2489	
20800150	TRENCH BACKFILL	CU YD	549	549	
25000100	SEEDING, CLASS 1	ACRE	0.75	0.75	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	62	62	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	62	62	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	62	62	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1	1	
25100115	MULCH, METHOD 2	ACRE	0.75	0.75	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	68	68	
28000400	PERIMETER EROSION BARRIER	FOOT	226	226	
28000500	INLET AND PIPE PROTECTION	EACH	1	1	
28000510	INLET FILTERS	EACH	22	22	

LAST SAVED : 18/6/2015
 PEN TABLE : V8-HoIF.tbl
 PLOT DRIVER : pdfnolayerb.plt;fg

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		CHECKED -	REVISED -
		DATE -	REVISED -



SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET NO. 1 OF 5 SHEETS	STA.	TO STA.

F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS		53	3
SECTION 12-00059-04-PV			
CONTRACT 97601			

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE	
				80% STATE	20% CITY
				ROADWAY	
				0004	
				NONE	
				NONE	
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SO YD	535	535	
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SO YD	3887	3887	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	16960	16960	
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	1061	1061	
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	297	297	
42001300	PROTECTIVE COAT	SO YD	1828	1828	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	27	27	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	6815.5	6815.5	
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SO FT	273.5	273.5	
42400800	DETECTABLE WARNINGS	SO FT	320	320	
44000100	PAVEMENT REMOVAL	SO YD	3054	3054	
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	43	43	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1091	1091	
44000600	SIDEWALK REMOVAL	SO FT	3460	3460	

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		DATE -	REVISED -



SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET NO. 2 OF 5 SHEETS	STA.	TO STA.

F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
PORTER / SIMMONS ROADS		53	4
SECTION 12-00059-04-PV			
CONTRACT 97601			

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE	
				80% STATE	20% CITY
				ROADWAY	
				0004	
				NONE	
				NONE	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	252	252	
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	191	191	
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	216	216	
55100500	STORM SEWER REMOVAL 12"	FOOT	47	47	
55100700	STORM SEWER REMOVAL 15"	FOOT	551	551	
55100900	STORM SEWER REMOVAL 18"	FOOT	12	12	
55101200	STORM SEWER REMOVAL 24"	FOOT	127	127	
60219570	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	EACH	6	6	
60222270	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 3V FRAME AND GRATE	EACH	2	2	
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1	1	
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	3	3	
60500040	REMOVING MANHOLES	EACH	2	2	
60500060	REMOVING INLETS	EACH	11	11	
60600605	CONCRETE CURB, TYPE B	FOOT	99.5	99.5	

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SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET NO. 3 OF 5 SHEETS	STA.	TO STA.

F.A.U. 9170/9148 PORTER / SIMMONS ROADS		SECTION 12-00059-04-PV
CONTRACT 97601	TOTAL SHEETS: 53	SHEET NO.: 5

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE	
				80% STATE	20% CITY
				ROADWAY	
				0004	
				NONE	
				NONE	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1374.5	1374.5	
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	488.5	488.5	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	1321	1321	
67100100	MOBILIZATION	L SUM	1	1	
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1	
72000100	SIGN PANEL - TYPE 1	SO FT	211	211	
72000200	SIGN PANEL - TYPE 2	SO FT	60	60	
72900100	METAL POST - TYPE A	FOOT	51	51	
72900200	METAL POST - TYPE B	FOOT	442	442	
73000100	WOOD SIGN SUPPORT	FOOT	96	96	
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	60	60	
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2420	2420	
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	215	215	
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	290	290	

LAST SAVED : 18/6/2015
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		DATE -	REVISED -



SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET NO. 4 OF 5 SHEETS	STA.	TO STA.

F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
PORTER / SIMMONS ROADS		53	6
SECTION 12-00059-04-PV			
CONTRACT 97601			

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE	
				80% STATE	20% CITY
				ROADWAY	
				0004	
				NONE	
				NONE	
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	414	414	
Δ 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	98	98	
Δ 78200300	PRISMATIC CURB REFLECTOR	EACH	72	72	
Δ 81028390	UNDERGROUND CONDUIT, PVC. 4" DIA.	FOOT	342	342	
• X4200408	PORTLAND CEMENT CONCRETE PAVEMENT 8" (SPECIAL)	SQ YD	513	513	
• X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	2	2	
• X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	8	8	
• X6060062	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12 (SPECIAL)	FOOT	276.5	276.5	
• X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	526	526	
Δ • X7800200	PAINT PAVEMENT MARKING CURB	FOOT	526	526	
• Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
• Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	261	261	
• Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	114	114	

• SPECIAL PROVISION

Δ SPECIALTY ITEMS

LAST SAVED : 18/6/2015
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 PLOT DRIVER : pspnolaterShp.plt

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		DATE -	REVISED -



SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET NO. 5 OF 5 SHEETS	STA.	TO STA.

F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
PORTER / SIMMONS ROADS		53	7
SECTION 12-00059-04-PV			
CONTRACT 97601			

PAVING									
LOCATION	STATION TO	STATION	SIDE	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90	BITUMINOUS MATERIALS, PRIME COAT	SUBBASE GRANULAR MATERIAL, TYPE A		
				TON	TON		POUND	4"	12"
				TON	TON		POUND	SO YD	SO YD
SIMMONS (S)	16+63.09 TO	17+12.36	RT	8	28	440		17	
	16+63.09 TO	17+12.36	LT	8	27	440		16	
	17+12.36 TO	19+25.00	RT	37	133	2120		481	
	17+12.36 TO	19+25.00	LT	36	129	2060		468	
SIMMONS (N)	20+75.00 TO	23+17.51	RT	42	151	2420		571	
	20+75.00 TO	23+17.51	LT	40	142	2260		509	
MILBURN SCHOOL	1030+39.99 TO	1031+12.73	RT	12	43	680		187	
	1030+39.99 TO	1031+12.73	LT	12	44	720		208	
FAIRWOOD HILLS	30+75.00 TO	31+42.95	RT	16	55	880		238	
	30+75.00 TO	31+42.95	LT	13	47	760		178	
CENTER				73	262	4180	471	1014	
NE QUAD							30		
SE QUAD							34		
			TOTAL	297	1061	16960	535	3887	

CONCRETE CURB AND GUTTER									
ROADWAY	STATION TO	STATION	SIDE	COMBINATION CURB AND GUTTER				CONCRETE CURB TY B	PROTECTIVE COAT
				TY B-6.24	TY B SPECIAL	TY B-9.12 (SPECIAL)	TY M-2.12		
				FOOT	FOOT	FOOT	FOOT		
SIMMONS (S)	17+12.36 TO	19+24.49	RT	254.0					85
	17+12.36 TO	19+39.54	LT	232.5					78
	18+71.86 TO	18+95.00			54.0				24
	19+05.00 TO	19+23.19			57.5				29
SIMMONS (N)	20+46.59 TO	23+17.51	LT	280.5					94
	20+77.34 TO	20+95.00			59.0				26
	20+99.89 TO	23+17.51	RT	223.5					75
MILBURN SCHOOL	21+05.00 TO	21+24.00			46.0				18
	1030+14.46 TO	1030+82.49			146.0				73
	1030+39.99 TO	1031+45.67	LT	120.0					40
	1030+39.99 TO	1031+62.62	RT	141.0					47
FAIRWOOD HILLS	1030+92.51 TO	1031+10.34			60.0				27
	30+71.17 TO	31+42.62	LT	76.0					25
	30+77.53 TO	30+95.00			57.5				26
	30+97.54 TO	31+42.95	RT	47.0					16
	31+05.00 TO	31+24.00			46.0				20
CENTER ISLAND						276.5			69
NE QUADRANT							364.5		10
SE QUADRANT							62.5	51.0	6
								48.5	10
									5
TOTAL				1374.5	526.0	276.5	488.5	99.5	864

PCC SIDEWALK				
LOCATION	PCC SIDEWALK		DETECTABLE WARNINGS	PROTECTIVE COAT
	4"	8"		
	SO FT	SO FT	SO FT	SO FT
NORTHWEST QUADRANT	1464			163
SOUTHWEST QUADRANT	2196			244
NORTHEAST QUADRANT	2195			244
SOUTHEAST QUADRANT	962			107
SIMMONS (S)	18+95.00 TO 19+05.00	62		7
	18+95.64 23.55 RT		20	
	19+00.48 2.01 RT		20	
	19+00.65 2.26 LT		20	
SIMMONS (N)	18+96.14 23.01 LT		20	
	21+07.44 27.74 RT		20	
	20+99.94 3.20 RT		20	
	21+00.08 1.69 LT		20	
MILBURN SCHOOL	21+02.92 22.22 LT		20	
	20+95.00 TO 21+05.00	69		8
	1030+82.49 TO 1030+92.50	80		9
	1030+85.30 22.40 RT		20	
FAIRWOOD HILLS	1030+87.47 1.54 RT		20	
	1030+87.27 4.43 LT		20	
	1030+84.13 25.01 LT		20	
	31+07.90 30.01 RT		20	
	30+95.00 TO 31+05.00	63		7
	30+99.93 2.62 RT		20	
	30+99.98 1.67 LT		20	
	31+04.05 22.39 LT		20	
TOTAL	6815.5	273.5	320	789

CONCRETE MEDIAN SURFACE			
ROADWAY	LOCATION	CONCRETE MEDIAN SURFACE 4"	PROTECTIVE COAT
	STATION	SO FT	SO YD
SIMMONS (S)	18+72.44 TO 18+94.41	79	9
	19+05.58 TO 19+21.80	180	20
SIMMONS (N)	20+77.93 TO 20+94.42	191	21
	21+05.58 TO 21+23.42	70	8
MILBURN SCHOOL	1030+15.05 TO 1030+81.91	358	40
FAIRWOOD HILLS	1030+93.10 TO 1031+09.76	196	22
	30+78.11 TO 30+94.42	179	20
	31+05.58 TO 31+23.42	68	8
TOTAL		1321	148

COMBINATION CURB AND GUTTER REMOVAL				
LOCATION	STATION	SIDE	LENGTH FOOT	
MILBURN	1030+39.99 TO 30+59.56	LT	211	
	1030+39.99 TO 30+61.84	RT	234	
SIMMONS (N)	20+56.43 TO 23+17.51	LT	268	
	20+61.70 TO 23+17.51	RT	284	
FAIRWOOD	31+11.77 TO 31+42.77	LT	32	
	30+95.97 TO 31+41.64	RT	62	
TOTAL			1091	

PCC CONCRETE PAVEMENT 8" (SPECIAL)	
LOCATION	AREA SO YD
CENTER ISLAND	447
NE QUAD	31
SE QUAD	35
TOTAL	513

EARTH EXCAVATION				
LOCATION	CUT	CUT ADJ.	FILL	+ OR -
SIMMONS (S)	469	354	104	250
SIMMONS (N)	543	408	169	239
MILBURN SCHOOL / FAIRWOOD HILLS	1477	1110	716	394
TOTAL	2489	1872	989	883

PCC DRIVEWAY PAVEMENT				
STREET	LOCATION	STATION	6"	PROTECTIVE COAT
			SO YD	SO YD
	SIMMONS (S)	17+51.50	27	27
	TOTAL		27	27

PAVEMENT REMOVAL		
LOCATION	STATION	AREA SO YD
MILBURN SCHOOL ROAD	1030+12.99 TO 1031+88.73	1114
FAIRWOOD HILLS DRIVE	30+96.09 TO 31+42.95	265
SIMMONS ROAD	16+63.09 TO 23+17.51	1675
TOTAL		3054

SIDEWALK REMOVAL		
LOCATION	STATION	AREA SO FT
MILBURN SCHOOL ROAD	1030+39.99 TO 30+61.20	1267
SIMMONS ROAD (N)	20+68.86 TO 23+17.49	1805
FAIRWOOD HILLS DRIVE	30+98.77 TO 31+54.99	388
TOTAL		3460

SEEDING						
LOCATION	SEEDING, CLASS 1	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2
	ACRE	POUND	POUND	POUND	TON	ACRE
NW QUAD	0.16	14	14	14	0.32	0.16
SW QUAD	0.11	10	10	10	0.22	0.11
SE QUAD	0.15	14	14	14	0.30	0.15
NE QUAD	0.12	11	11	11	0.24	0.12
CENTER	0.14	13	13	13	0.28	0.14
TOTAL	0.68	62	62	62	1.36	0.68
PAY	0.75				1	0.75

TREE REMOVAL					
STREET	LOCATION	OFFSET	SIDE	6 TO 15 DIAMETER UNIT	OVER 15 DIAMETER UNIT
MILBURN SCHOOL	1031+43.18	43	LT	10	
	1031+70.05	41	LT		48
	TOTAL			10	48

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PAVEMENT MARKING										
LOCATION		THERMOPLASTIC				PAINT		PRISMATIC CURB REFLECTOR	PAINT PAVEMENT MARKING CURB	WOOD SIGN SUPPORT
		LINE			LETTERS/ SYMBOLS	LINE				
		4"	12"	24"		4"	12"			
STREET	STATION	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	EACH	FOOT	
SIMMONS (S)	16+63 TO 19+23.87	835	54							
	18+71 TO 18+95							7	54	
	19+00			70						
	19+05 TO 19+23							10	58	
SIMMONS (N)	ENTRY		14		15					
	ENTRY		15		15					
	20+77 TO 20+95							10	59	
	20+99			70						
MILBURN SCHOOL	21+05 TO 21+24							7	46	
	21+11 TO 23+17	841	65							
	1030+14 TO 1030+82							11	146	
	1030+39.99 TO 1031+11.44	142								
FAIRWOOD HILLS	1030+92 TO 1031+10							10	60	
	1030+88			60						
	ENTRY		16		15					
	ENTRY		15		15					
	30+77 TO 30+95							10	58	
	30+93 TO 31+42	231	36							
	30+99			90						
	31+05 TO 31+24							7	46	
	31+42.95 TO 32+41.27						123			
	31+42.95 TO 32+37.52						189			
31+42.95 TO 32+38.00						102				
CENTRAL ISLAND	31+42 TO 31+54								13	
	31+44 TO 32+10								59	
	31+45 TO 32+12								26	
		371								
TOTAL		2420	215	290	60	414	98	72	526	

SIGNING								
ROADWAY	LOCATION	SIGN DESCRIPTION	SIGN PANEL		POST TYPE		WOOD SIGN SUPPORT	
			TY 1	TY 2	A	B		
			SO FT	SO FT	FOOT	FOOT		
SIMMONS (S)	450' BEFORE YIELD	W2-6	6			14.5		
		W13-1	2					
	300' IN ADVANCE	DIAG ADVANCE		20			32	
		150' BEFORE YIELD	W3-2	6			14.5	
	18+74.75	0.5' LT	R4-7	5			13.5	
			W11-2A	6			14.5	
	18+87.93	23.05' RT	W16-7P	2				
			W11-2A	6			14.5	
	19+03.34	26.20' LT	W16-7P	2				
			W11-2A	6			14.5	
	19+11.11	29.27' RT	R1-2	4			13.6	
			DESTINATION	6			13.5	
19+18.19	3.46' LT	R6-1R	3			12.0		
		DESTINATION	6			13.5		
19+60.42	5.19' RT	R6-1R	3			12.0		
		DESTINATION	6			13.5		
20+39.60	5.03' LT	R6-1R	3			12.0		
		DESTINATION	6			13.5		
20+80.96	4.61' RT	R1-2	4			13.6		
		W11-2A	6			14.5		
20+88.15	27.34' LT	W16-7P	2					
		W11-2A	6			14.5		
20+99.56	31.64' RT	W16-7P	2					
		W11-2A	6			14.5		
21+10.71	22.38' LT	W16-7P	2					
		R4-7	5			13.5		
21+21.75	1.43' RT	W3-2	6			14.5		
		DIAG ADVANCE		20			32	
MILBURN SCHOOL	450' BEFORE YIELD	W2-6	6			14.5		
		W13-1	2					
	300' IN ADVANCE	DIAG ADVANCE		20			32	
		150' BEFORE YIELD	W3-2	6			14.5	
	1030+19.84	1.71' LT	R4-7	5			13.5	
			W11-2A	6			14.5	
	1030+77.39	24.34' RT	W16-7P	2				
			W11-2A	6			14.5	
	1030+91.46	27.59' LT	W16-7P	2				
			W11-2A	6			14.5	
	1031+00.23	28.99' RT	R1-2	4			13.6	
			DESTINATION	6			13.5	
1031+06.72	4.92' LT	R6-1R	3			12.0		
		DESTINATION	6			13.5		
1031+48.33	6.39' RT	R6-1R	3			12.0		
		DESTINATION	9		27.0	12.0		
30+39.63	5.15' LT	R1-2	4			13.6		
		W11-2A	6			14.5		
30+81.44	3.90' RT	W16-7P	2					
		W11-2A	6			14.5		
30+88.97	29.17' LT	W16-7P	2					
		W11-2A	6			14.5		
31+00.51	33.19' RT	W16-7P	2					
		W11-2A	6			14.5		
31+12.45	21.59' LT	W16-7P	2					
		R4-7	5			13.5		
31+22.05	1.03' RT	R7-1R	2		12.0			
		R7-1L	2		12.0			
31+53.16	28.90' RT	R3-17	5			13.0		
		R3-17B	3					
32+07.21	23.08' LT	W3-2	6			14.5		
		W2-6	3			14.5		
32+11.57	23.53' LT	W13-1	6					
TOTAL			211	60	51.0	442	96	

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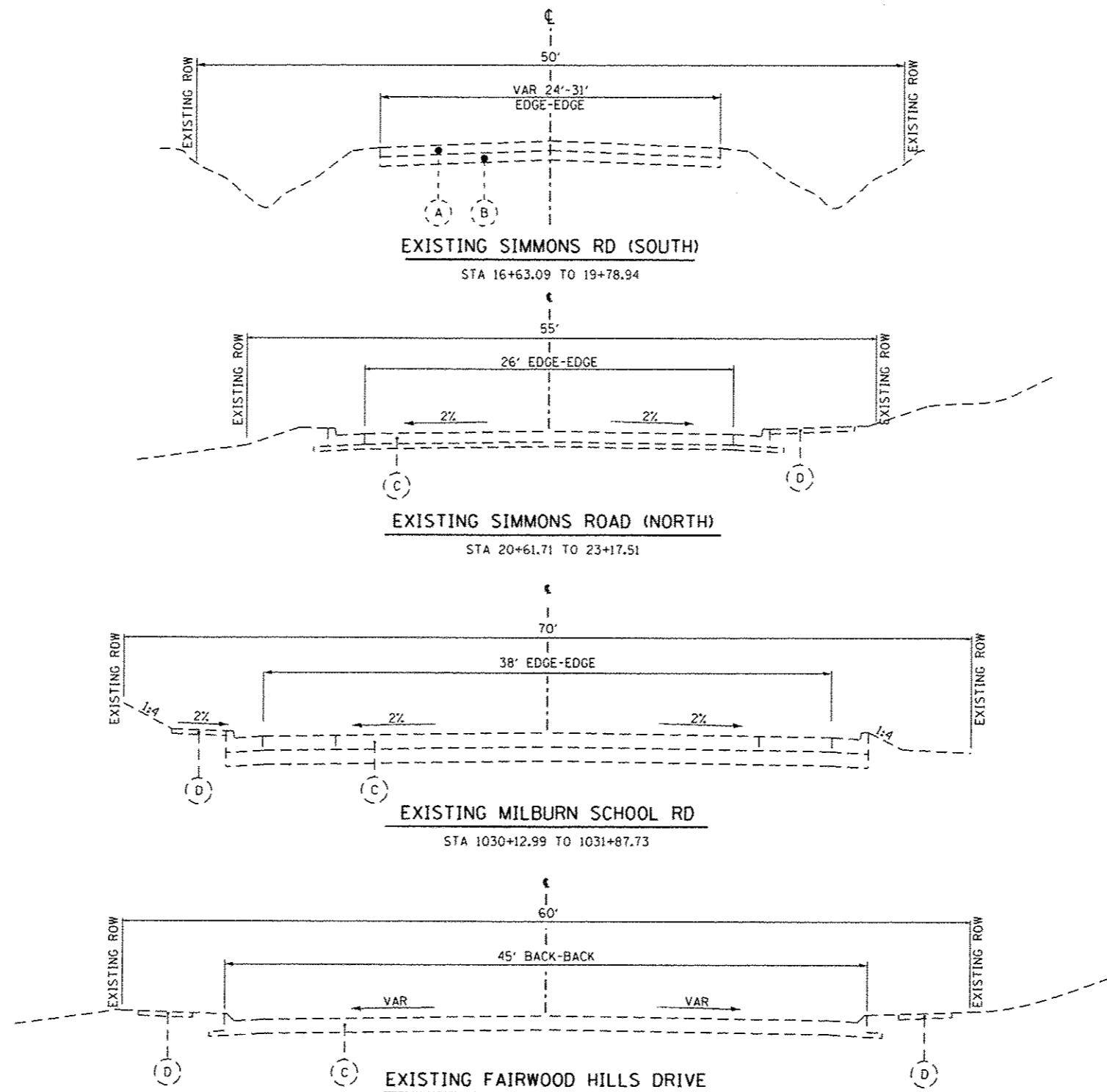
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SCHEDULES OF QUANTITIES

SCALE: NTS SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS	53	9
SECTION 12-00059-04-PV		
CONTRACT 97601		



EXISTING MATERIALS

- (A) EXISTING HOT-MIX ASPHALT OVERLAY (± 4")
- (B) EXISTING OIL & CHIP PAVEMENT (DEPTH VARIES)
- (C) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (D) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK

PROPOSED MATERIALS

- (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 (1 3/4")
- (2) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (6 1/4")
- (3) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
- (4) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (5) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.12
- (6) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT (SPECIAL) 8"
- (7) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.12, SPECIAL
- (8) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- (9) FUTURE PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4" (BY OTHERS)
- (10) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B (SPECIAL)
- (11) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 4"
- (12) PROPOSED PCC MEDIAN SURFACE, 4"

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TYPICAL SECTIONS

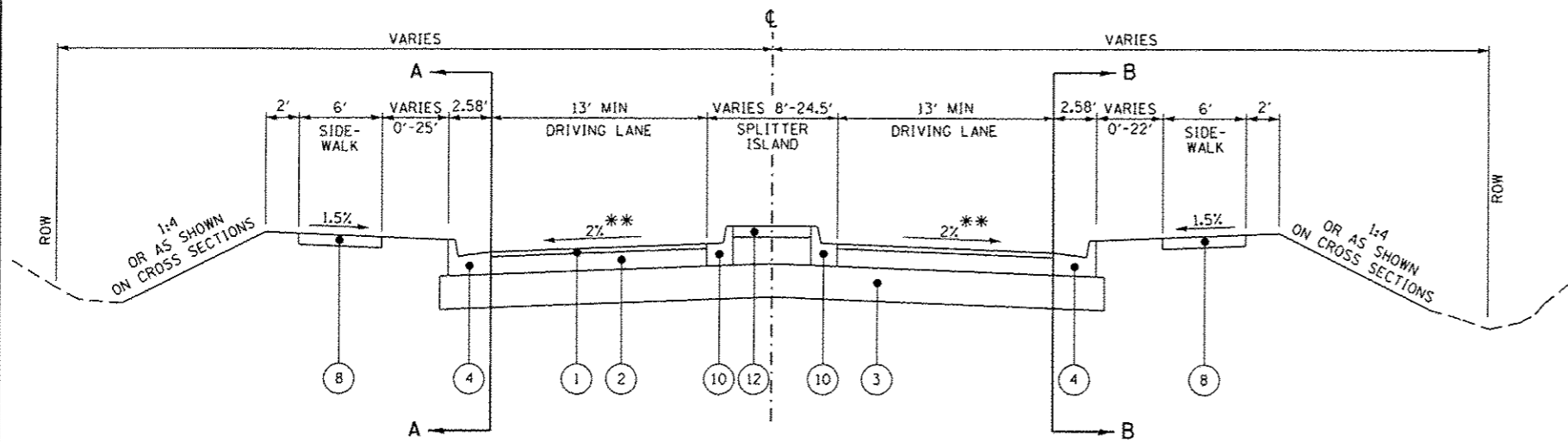
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F.A.U. 9170/9148
 SIMMONS / MILBURN SCHOOL ROADS

TOTAL SHEETS	SHEET NO.
53	11

SECTION 12-00059-04-PV

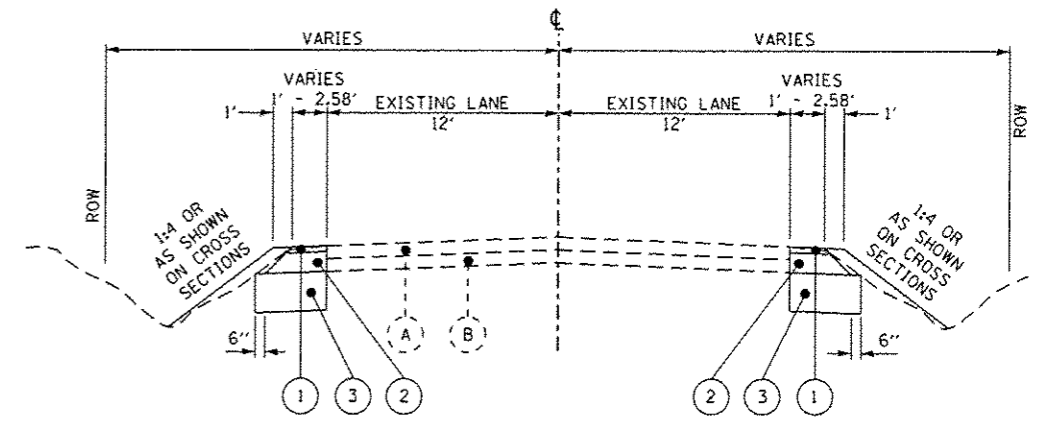
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TYPICAL SECTION THROUGH SPLITTER ISLAND

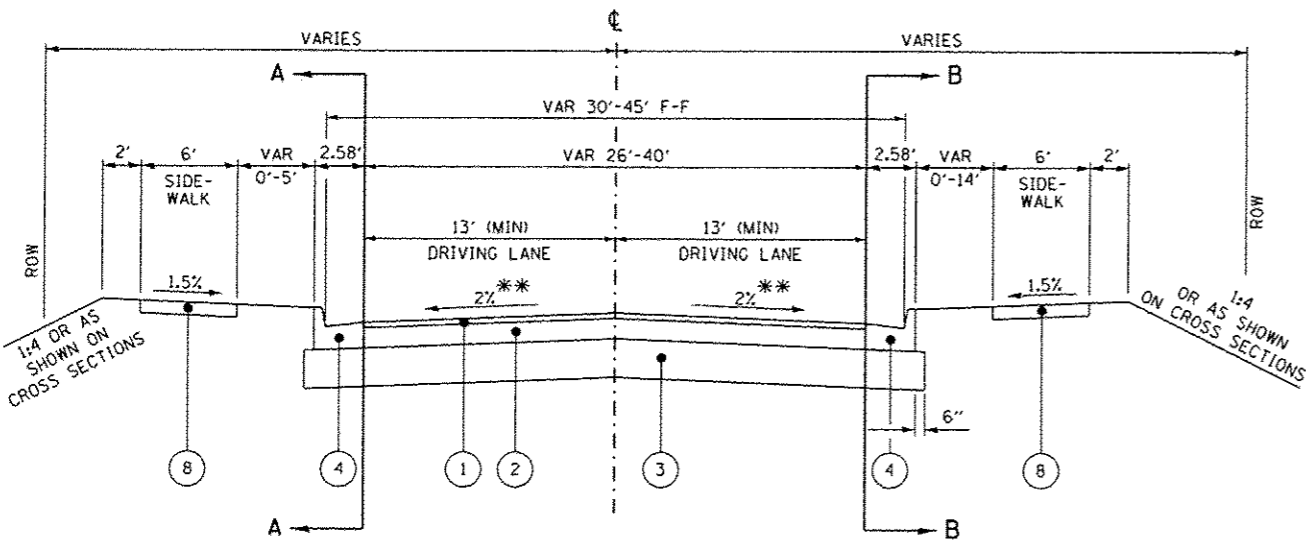
SIMMONS RD (SOUTH) STA 18+69.86 TO STA 19+25.00
 SIMMONS RD (NORTH) STA 20+75.00 TO STA 21+25.00
 MILBURN SCHOOL ROAD STA 1030+12.99 TO STA 1031+12.73 ***
 FAIRWOOD HILLS RD ST 30+75.00 TO 31+25.00

ISLAND ONLY FROM
 *** STA 1030+12.99 TO 1030+39.99



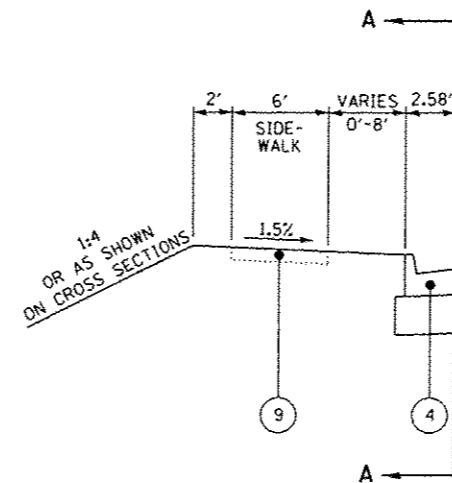
TRANSITION TYPICAL SECTION

SIMMONS RD (SOUTH) STA 16+63.09 TO STA 17+12.36



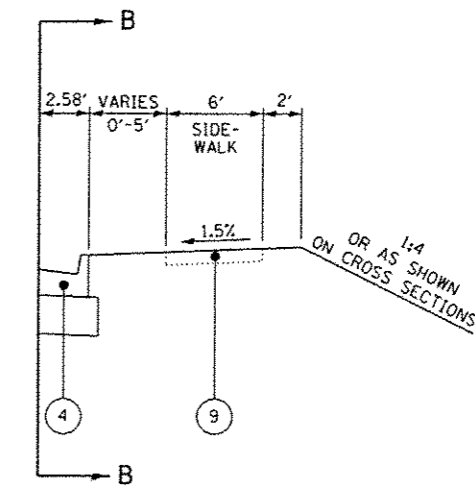
APPROACH TYPICAL SECTION

SIMMONS RD (SOUTH) STA 17+12.36 TO STA 18+69.86
 SIMMONS RD (NORTH) STA 21+25.00 TO STA 23+17.51
 FAIRWOOD HILLS ROAD STA 31+25.00 TO STA 31+42.95



SECTION A-A

SIMMONS RD (NORTH) STA 21+09.16 TO STA 23+17.51



SECTION B-B

SIMMONS RD (SOUTH) STA 17+12.36 TO STA 18+89.54
 MILBURN RD STA 1030+40.21 TO STA 1030+79.55

** SLOPE VARIES NEAR ROUNDABOUT - SEE GEOMETRIC DETAILS

SEE STANDARDS BLR 10 & BLR 14
 PAVEMENT DETAILS

EXISTING MATERIALS

- (A) EXISTING HOT-MIX ASPHALT OVERLAY (± 4")
- (B) EXISTING OIL & CHIP PAVEMENT (DEPTH VARIES)
- (C) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (D) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK

PROPOSED MATERIALS

- (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 (1 3/4")
- (2) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (6 1/4")
- (3) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
- (4) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (5) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.12
- (6) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT (SPECIAL) 8"
- (7) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.12, SPECIAL
- (8) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- (9) FUTURE PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4" (BY OTHERS)
- (10) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B (SPECIAL)
- (11) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 4"
- (12) PROPOSED PCC MEDIAN SURFACE, 4"

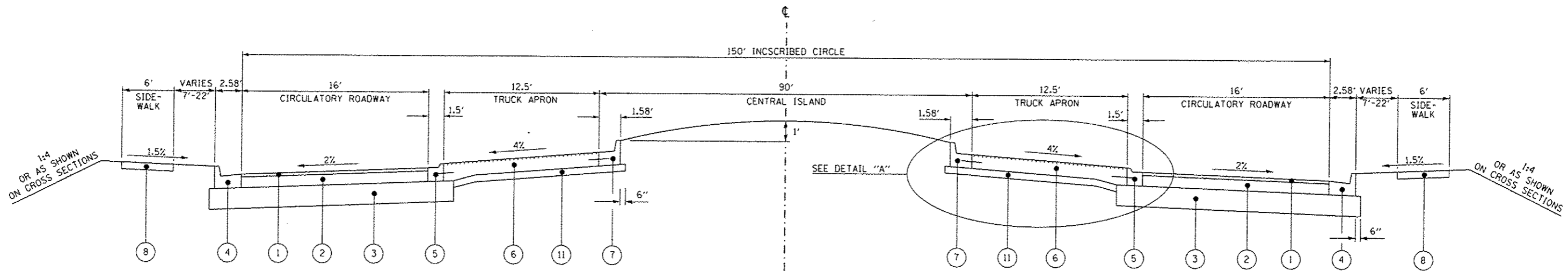
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TYPICAL SECTIONS			
SCALE: NTS	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.

F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS		53	12
SECTION 12-00059-04-PV			
CONTRACT 97601			

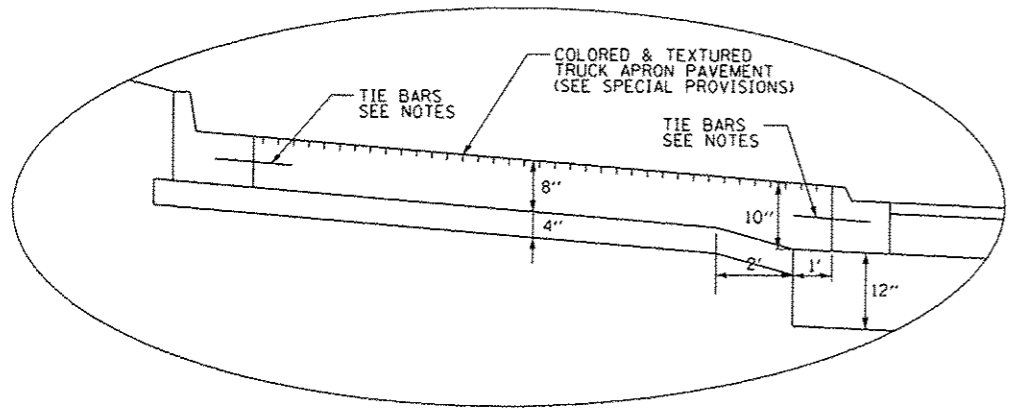


TYPICAL SECTION THROUGH ROUNDABOUT

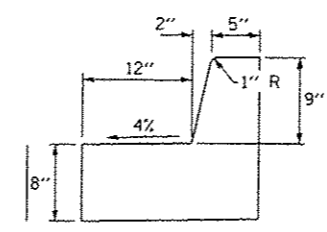
SIMMONS RD STA 19+25.00 TO STA 20+75.00
 MILBURN SCHOOL RD STA 1031+12.73 TO STA 1031+87.73
 FAIRWOOD HILLS RD STA 30+00.00 TO STA 30+75.00

NOTES

- TIE BARS IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT AS SHOWN ON STANDARD 420001. COST OF TIE BARS INCLUDED IN THE COST OF PCC PAVEMENT.

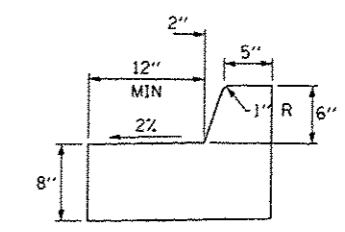


DETAIL "A"



COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.12, SPECIAL

GUTTER FLAG WIDTH VARIES THROUGHOUT THE SPLITTER ISLAND. SEE GEOMETRIC DETAILS FOR FURTHER INFORMATION.



COMBINATION CONCRETE CURB & GUTTER, TYPE B (SPECIAL)

EXISTING MATERIALS

PROPOSED MATERIALS

- | | | | |
|---|--|---|--|
| (A) EXISTING HOT-MIX ASPHALT OVERLAY (± 4") | (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 (1 3/4") | (6) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT (SPECIAL) 8" | (11) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 4" |
| (B) EXISTING OIL & CHIP PAVEMENT (DEPTH VARIES) | (2) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (6 1/4") | (7) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.12, SPECIAL | (12) PROPOSED PCC MEDIAN SURFACE, 4" |
| (C) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT | (3) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 12" | (8) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4" | |
| (D) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK | (4) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | (9) FUTURE PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4" (BY OTHERS) | |
| | (5) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.12 | (10) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B (SPECIAL) | |

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TYPICAL SECTIONS		F.A.U. 9170/9148		TOTAL SHEETS
SCALE: NTS		SIMMONS / MILBURN SCHOOL ROADS		53
SHEET NO. 3 OF 3 SHEETS		SECTION 12-00059-04-PV		SHEET NO. 13
STA. TO STA.		CONTRACT 97601		

BENCHMARK #2 ELEVATION = 568.97
 TOP OF SOUTHEAST FLANGE BOLT ON CLOW
 FIRE HYDRANT AT NORTHEAST CORNER OF
 MILBURN SCHOOL ROAD & RED HAWK RIDGE LANE

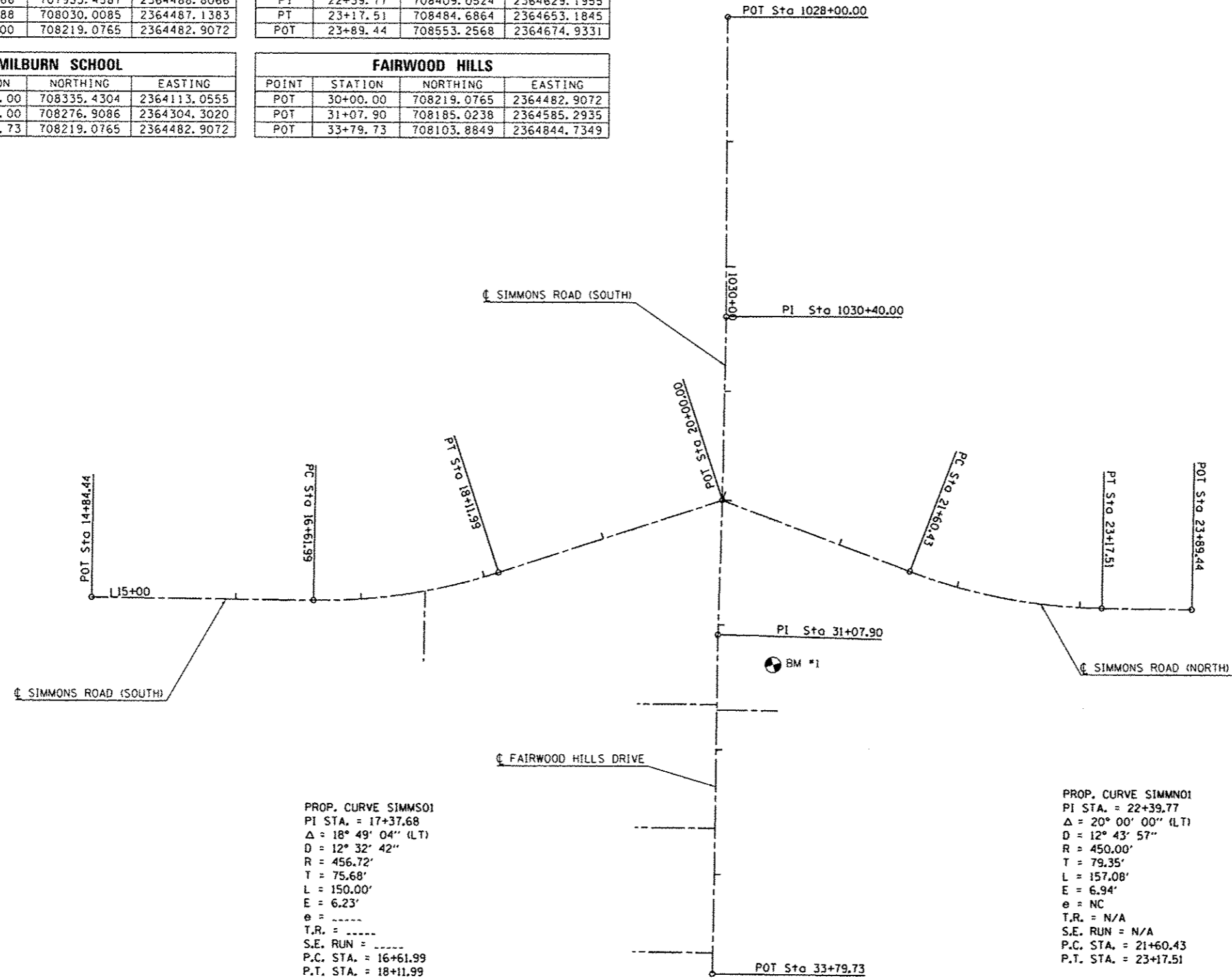
BM #2

SIMMONS (SOUTH)			
POINT	STATION	NORTHING	EASTING
POT	14+84.42	707713.9911	2364412.5067
PC	16+63.09	707884.3555	2364466.3391
PI	17+37.66	707955.4587	2364488.8066
PT	18+10.88	708030.0085	2364487.1383
POT	20+00.00	708219.0765	2364482.9072

SIMMONS (NORTH)			
POINT	STATION	NORTHING	EASTING
POT	20+00.00	708219.0765	2364482.9072
PC	21+60.43	708346.1845	2364580.7849
PI	22+39.77	708409.0524	2364629.1955
PT	23+17.51	708484.6864	2364653.1845
POT	23+89.44	708553.2568	2364674.9331

MILBURN SCHOOL			
POINT	STATION	NORTHING	EASTING
POT	1028+00.00	708335.4304	2364113.0555
POT	1030+00.00	708276.9086	2364304.3020
POT	1031+87.73	708219.0765	2364482.9072

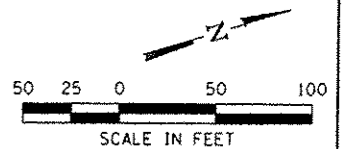
FAIRWOOD HILLS			
POINT	STATION	NORTHING	EASTING
POT	30+00.00	708219.0765	2364482.9072
POT	31+07.90	708185.0238	2364585.2935
POT	33+79.73	708103.8849	2364844.7349



PROP. CURVE SIMMS01
 PI STA. = 17+37.66
 $\Delta = 18^\circ 49' 04''$ (LT)
 $D = 12^\circ 32' 42''$
 $R = 456.72'$
 $T = 75.68'$
 $L = 150.00'$
 $E = 6.23'$
 $\theta = \dots$
 $T.R. = \dots$
 $S.E. RUN = \dots$
 $P.C. STA. = 16+61.99$
 $P.T. STA. = 18+11.99$

PROP. CURVE SIMM01
 PI STA. = 22+39.77
 $\Delta = 20^\circ 00' 00''$ (LT)
 $D = 12^\circ 43' 57''$
 $R = 450.00'$
 $T = 79.35'$
 $L = 157.08'$
 $E = 6.94'$
 $\theta = NC$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 21+60.43$
 $P.T. STA. = 23+17.51$

BENCHMARK #1 ELEVATION = 569.44
 MARKER ON TOP OF MOST SOUTHERN CORNER
 OF BRICK BASE OF CLARY'S SUBDIVISION SIGN
 @ NORTHEAST CORNER OF SIMMONS ROAD
 AND FAIRWOOD HILLS DRIVE



LAST SAVED = 10/2/2015
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 PLOT DRIVER = pdfplotlayerbwp1c1g

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		CHECKED -	REVISED -
		DATE -	REVISED -

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ALIGNMENT & BENCHMARKS
 SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. 9170/9148
 SIMMONS / MILBURN SCHOOL ROADS
 SECTION 12-00059-04-PV
 CONTRACT 97601

EXISTING POWER POLES AND TELEPHONE PEDESTALS TO BE MOVED BY UTILITY OWNER

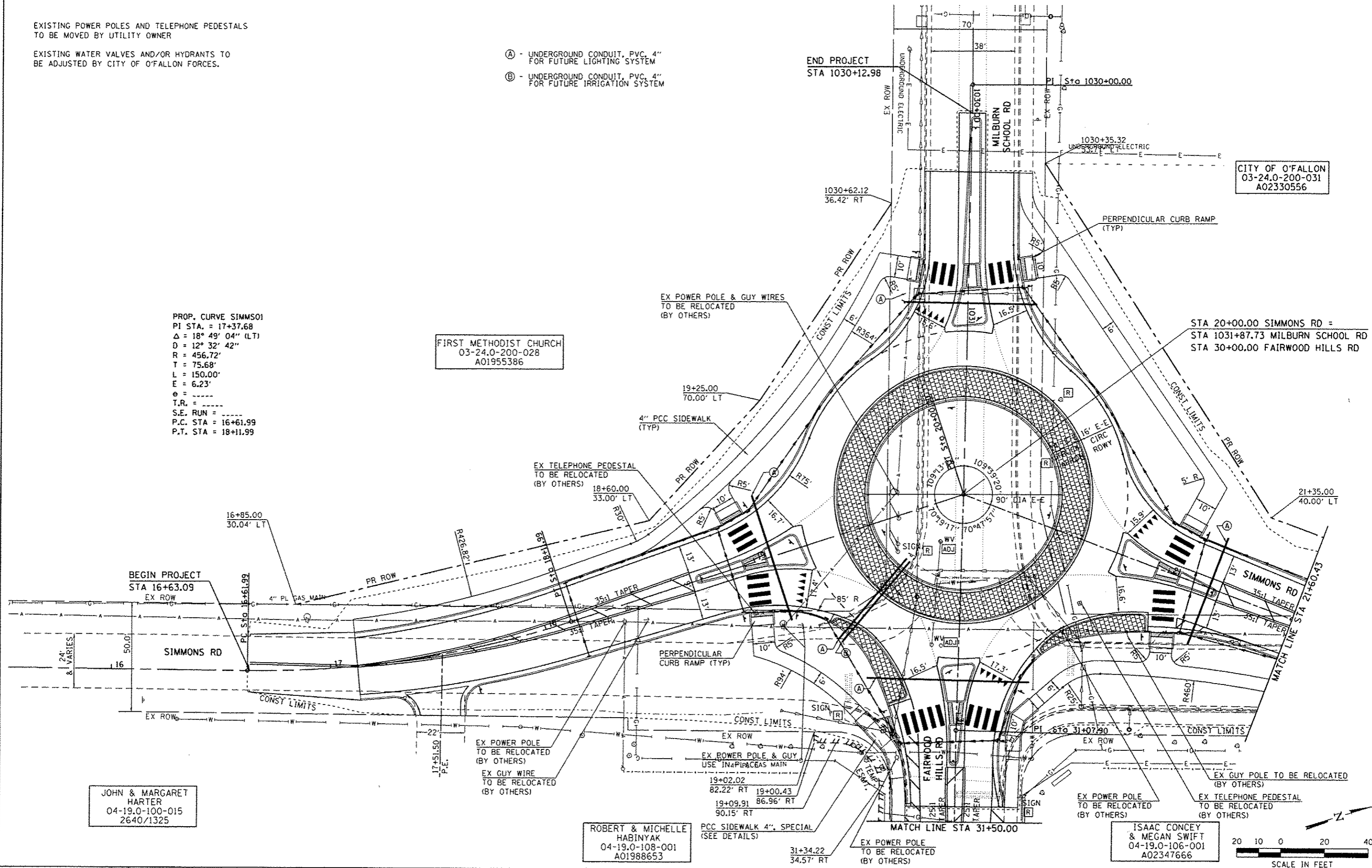
EXISTING WATER VALVES AND/OR HYDRANTS TO BE ADJUSTED BY CITY OF O'FALLON FORCES.

- (A) - UNDERGROUND CONDUIT, PVC, 4" FOR FUTURE LIGHTING SYSTEM
- (B) - UNDERGROUND CONDUIT, PVC, 4" FOR FUTURE IRRIGATION SYSTEM

PROP. CURVE SIMMS01
 PI STA. = 17+37.68
 $\Delta = 18^\circ 49' 04''$ (LT)
 $D = 12^\circ 32' 42''$
 $R = 456.72'$
 $T = 75.68'$
 $L = 150.00'$
 $E = 6.23'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA = 16+61.99$
 $P.T. STA = 18+11.99$

FIRST METHODIST CHURCH
 03-24.0-200-028
 A01955386

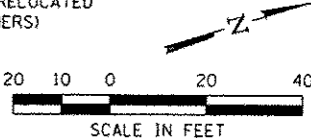
CITY OF O'FALLON
 03-24.0-200-031
 A02330556



JOHN & MARGARET
 HARTER
 04-19.0-100-015
 2640/1325

ROBERT & MICHELLE
 HABINYAK
 04-19.0-108-001
 A01988653

ISAAC CONCEY
 & MEGAN SWIFT
 04-19.0-106-001
 A02347666



LAST SAVED : 10/27/2015
 PER TABLE : W:\MATERIALS
 PLOT DRIVER : P:\PLOTTERS\HPGL2.PLOT

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		DRAWN :	REVISED :
		-	-
		CHECKED :	REVISED :
		-	-
		DATE :	REVISED :
		-	-

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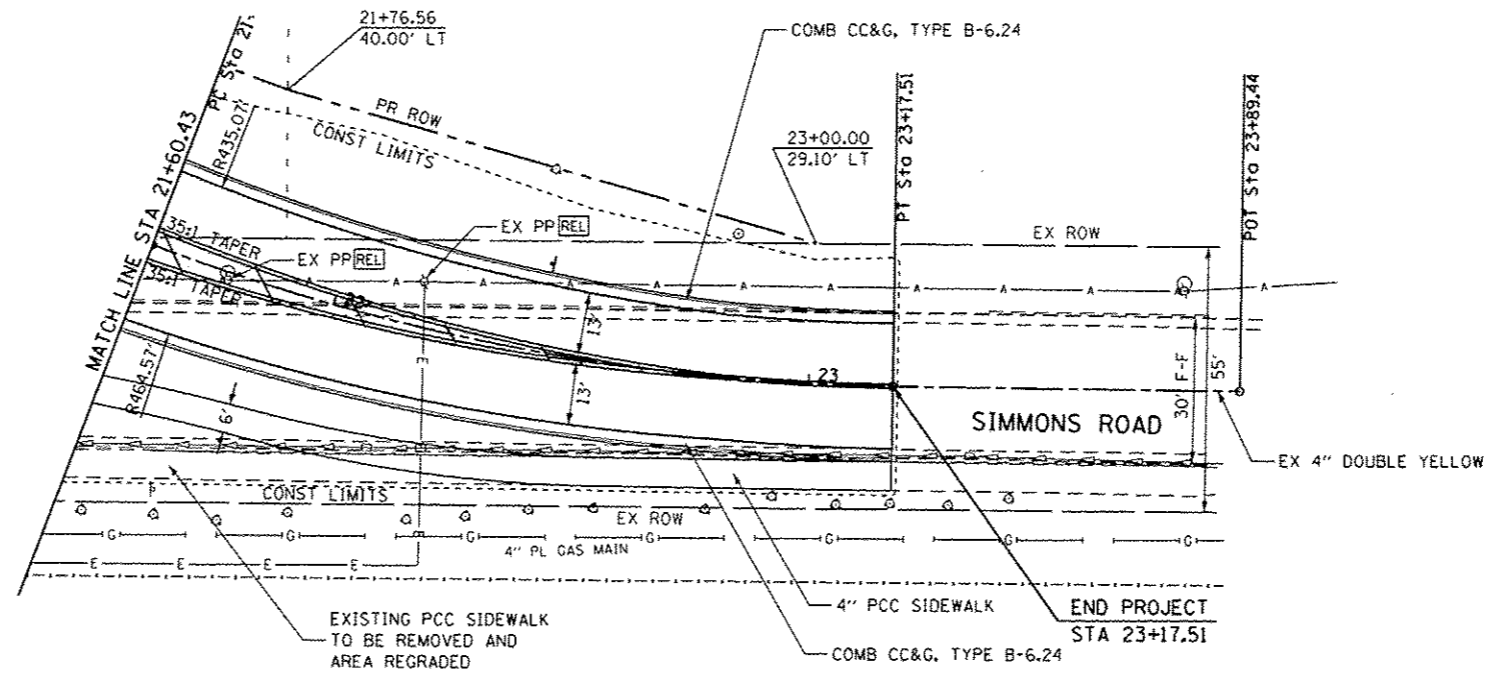
PLAN
 SCALE: 1"=20'
 SHEET NO. 1 OF 2 SHEETS
 STA. TO STA.

F.A.U. 9170/9148
 SIMMONS / MILBURN SCHOOL ROADS
 SECTION 12-00059-04-PV
 CONTRACT 97601

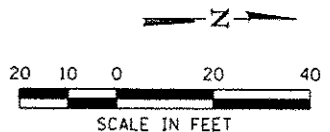
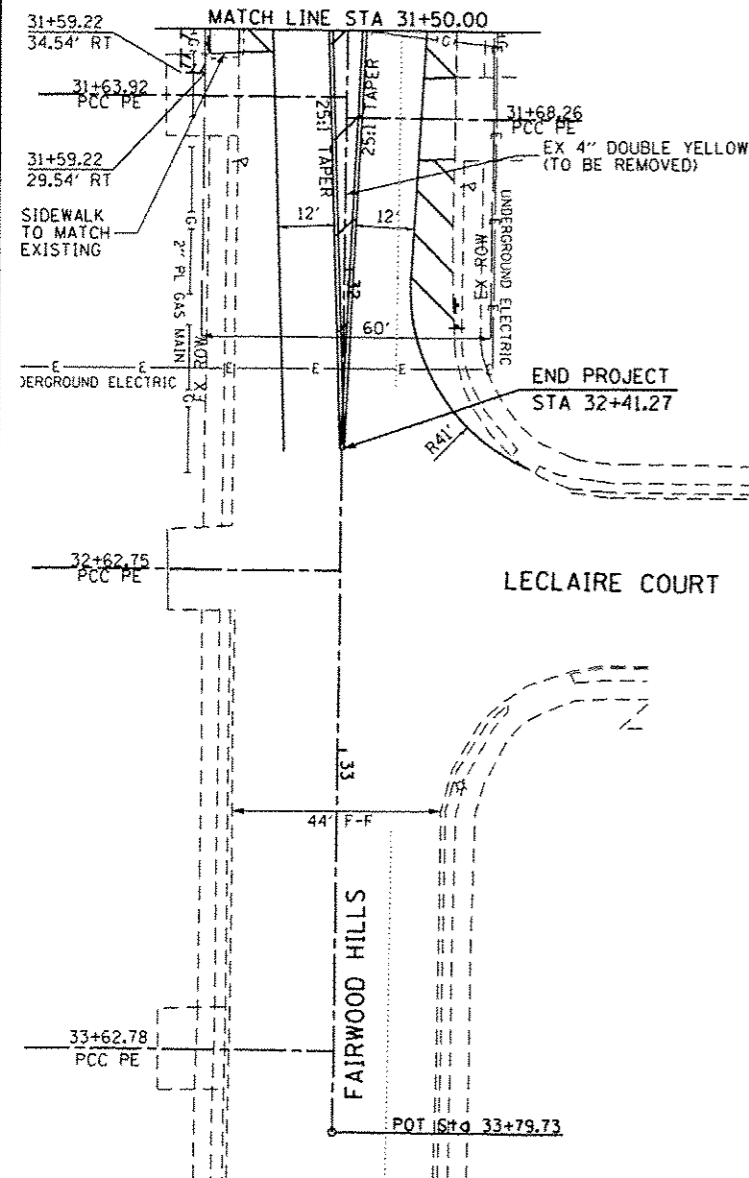
TOTAL SHEETS	SHEET NO.
53	15

EXISTING POWER POLES AND TELEPHONE PEDESTAL
TO BE MOVED BY UTILITY OWNER

EXISTING WATER VALVES AND HYDRANT TO
BE ADJUSTED BY CITY OF O'FALLON FORCES.



PROP. CURVE SIMMNOI
 PI STA. = 22+39.77
 $\Delta = 20^\circ 00' 00''$ (LT)
 $D = 12^\circ 43' 57''$
 $R = 450.00'$
 $T = 79.35'$
 $L = 157.08'$
 $E = 6.94'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA = 21+60.43$
 $P.T. STA = 23+17.51$



LAST SAVED : 10/3/2015 10:40:15 AM
 PEN TABLE : PEN
 PLOT DRIVER : PLOTDRIVER=plotter.g

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		DRAWN : -	REVISED : -
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		DATE : -	REVISED : -
PLOT SCALE : 48.0000' / in.		PLOT DATE : 10/5/2015 11:47:30 AM	

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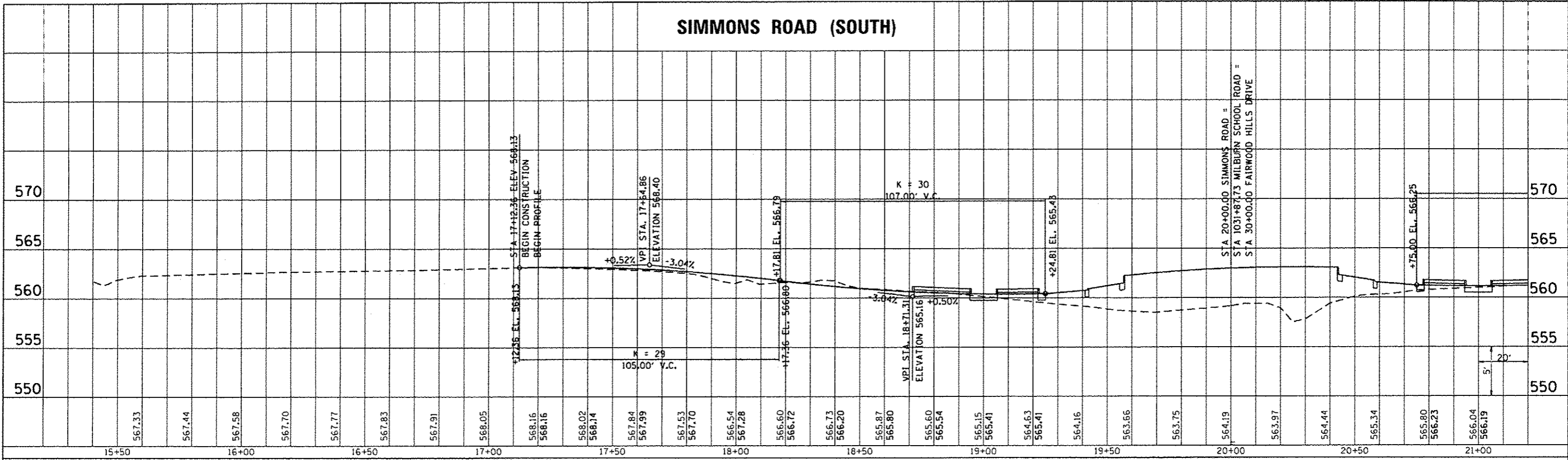
O'Fallon
 ILLINOIS

PLAN
 SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

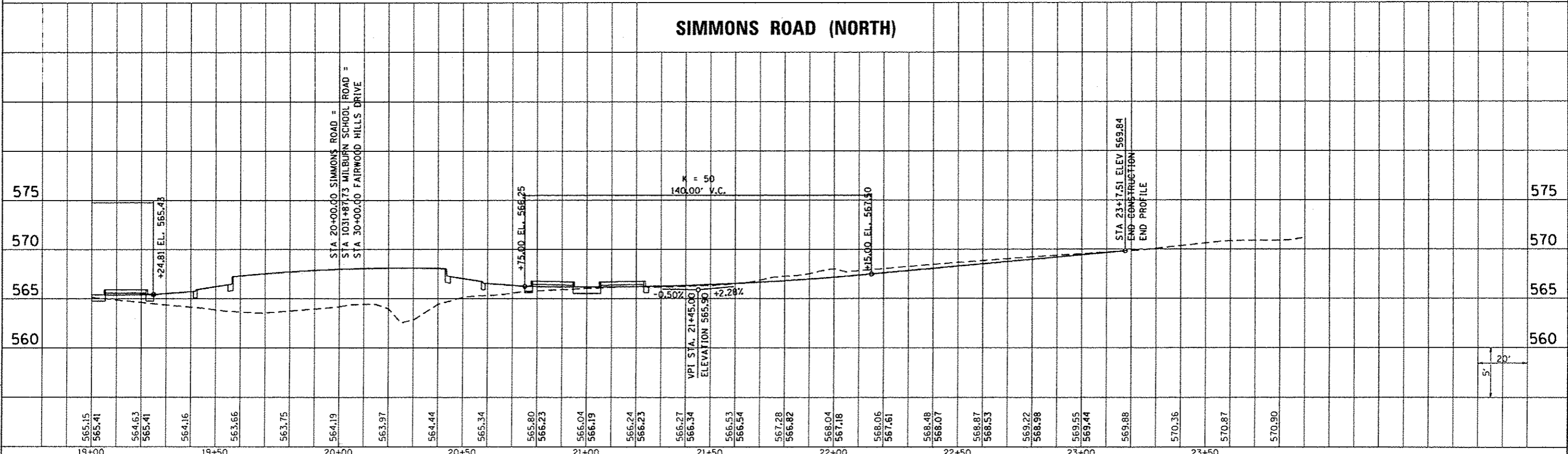
F.A.U. 9170/9148
 SIMMONS / MILBURN SCHOOL ROADS
 SECTION 12-00059-04-PV
 CONTRACT 97601

TOTAL SHEETS	SHEET NO.
53	16

PLAN	SAVED	BY	DATE
NOTE BOOK	PLotted		
NO.	NO.		
	FILE NAME		



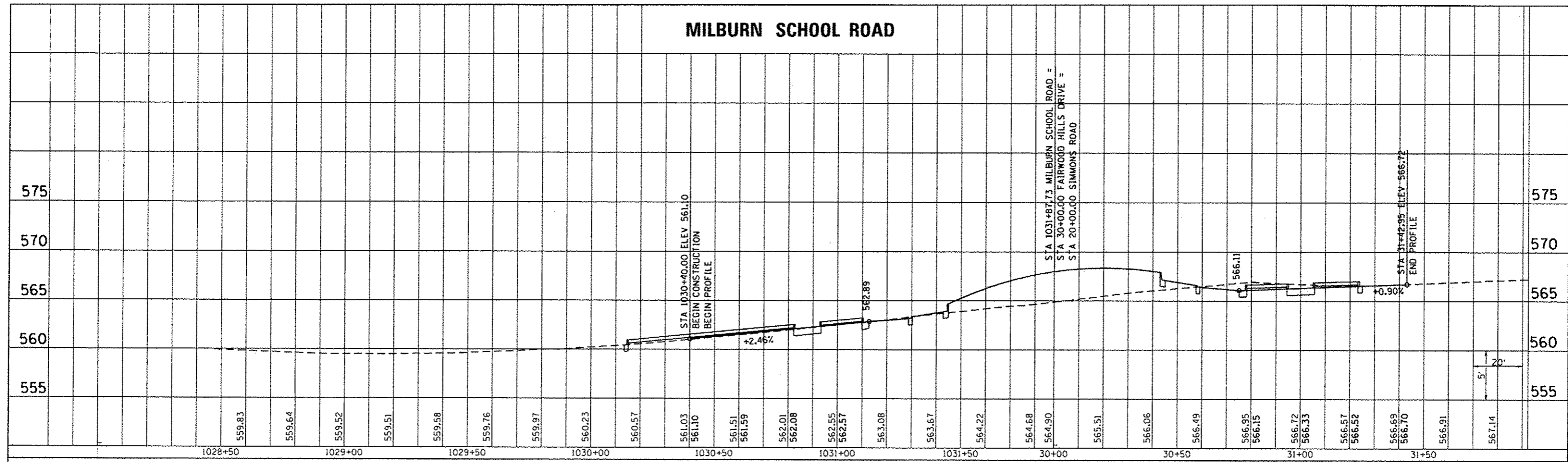
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NOTE BOOK	PLotted		
NO.	NO.		
	FILE NAME		



LAST SAVED : 10/2/2015
 PEN TABLE : 10/14/2015
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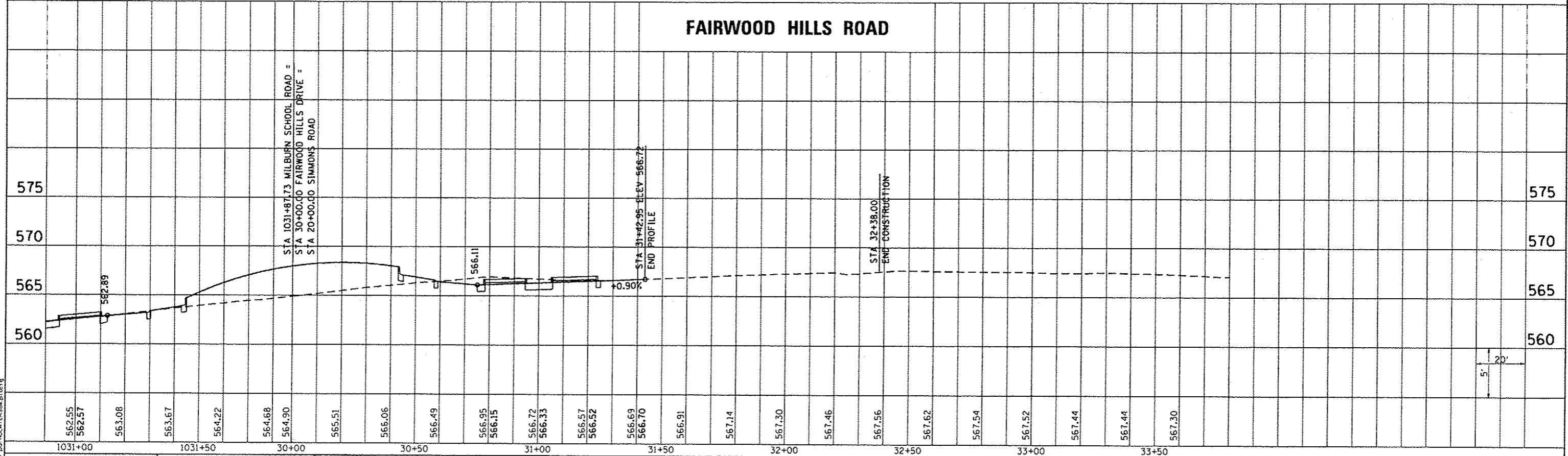
PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	DATE	
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	

MILBURN SCHOOL ROAD



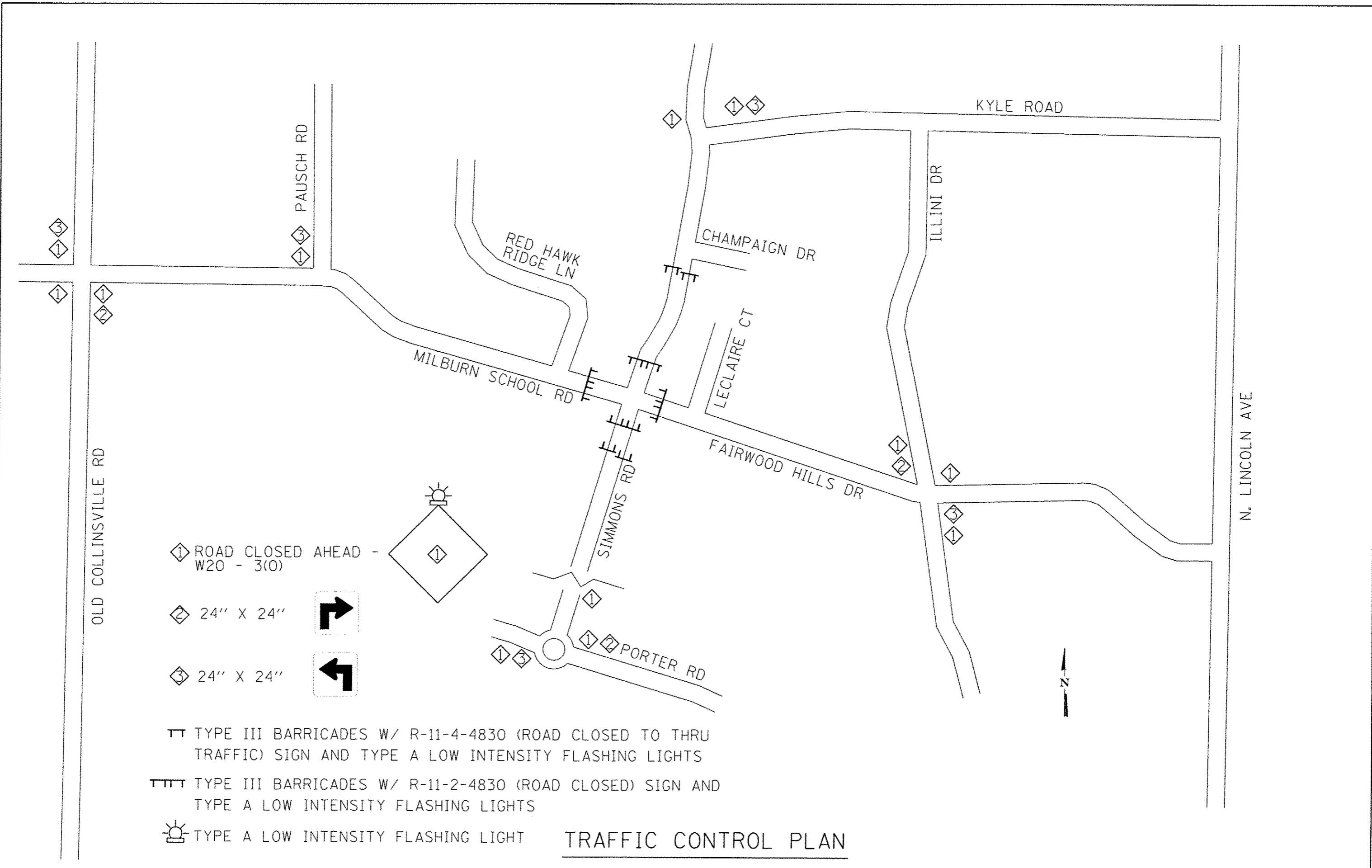
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	DATE	
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	

FAIRWOOD HILLS ROAD





LAST SAVED = 10/7/2015
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 PLOT DRIVER = pdfnolayersb.plt

FILE NAME = I:\1223810-Simmons\Cad\17\Plans\10.0897601	USER NAME = bschmidt	DESIGNED -	REVISED -			PROFILES		F.A.U. 9170/9148 SIMMONS / MILBURN SCHOOL ROADS SECTION 12-00059-04-PV CONTRACT 97601	TOTAL SHEETS	SHEET NO.
	Shr-Profile2.dgn	CHECKED -	REVISED -			53	18			
	PLOT SCALE = 48.0000' / 1"	DRAWN -	REVISED -							
	PLOT DATE = 10/5/2015 11:47:32 AM	CHECKED -	REVISED -							
				SCALE: SEE SHT		SHEET NO. 2 OF 2 SHEETS		STA. TO STA.		



① ROAD CLOSED AHEAD - W20 - 3(O)

② 24" X 24" 

③ 24" X 24" 

TT TYPE III BARRICADES W/ R-11-4-4830 (ROAD CLOSED TO THRU TRAFFIC) SIGN AND TYPE A LOW INTENSITY FLASHING LIGHTS

TTTT TYPE III BARRICADES W/ R-11-2-4830 (ROAD CLOSED) SIGN AND TYPE A LOW INTENSITY FLASHING LIGHTS

 TYPE A LOW INTENSITY FLASHING LIGHT

TRAFFIC CONTROL PLAN

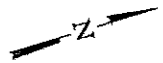
LAST SAVED : 10/3/2015
 PEN TABLE : 981-halt.tbl
 PLOT DRIVER : adfmlayersbwplc19

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		CHECKED -	REVISED -
		DATE -	REVISED -



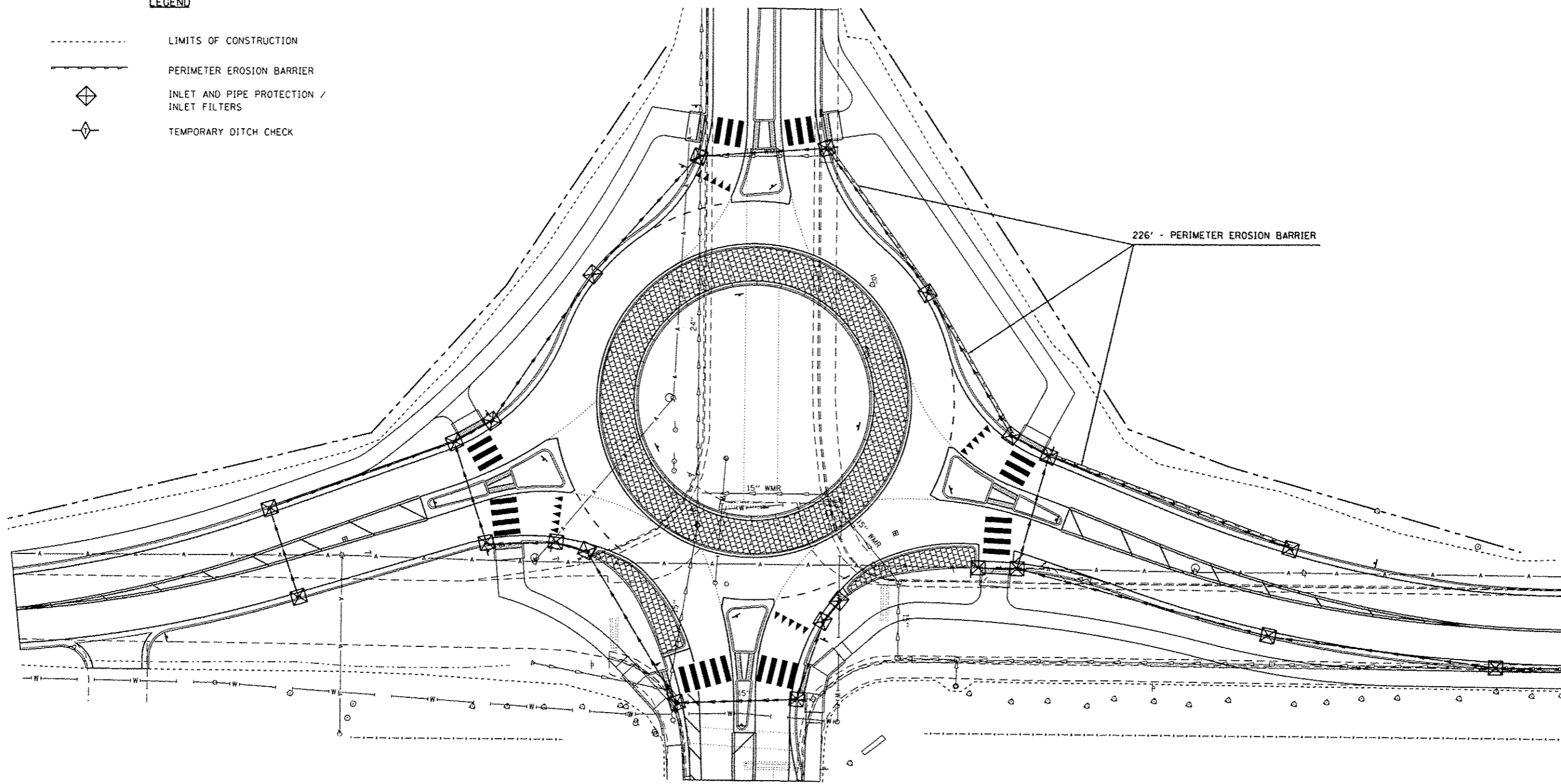
TRAFFIC CONTROL PLAN			
SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS	53	19
SECTION 12-00059-04-PV		
CONTRACT 97601		

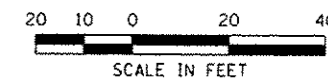


LEGEND

- LIMITS OF CONSTRUCTION
- ===== PERIMETER EROSION BARRIER
- ◇ INLET AND PIPE PROTECTION / INLET FILTERS
- ◇ TEMPORARY DITCH CHECK



226' - PERIMETER EROSION BARRIER



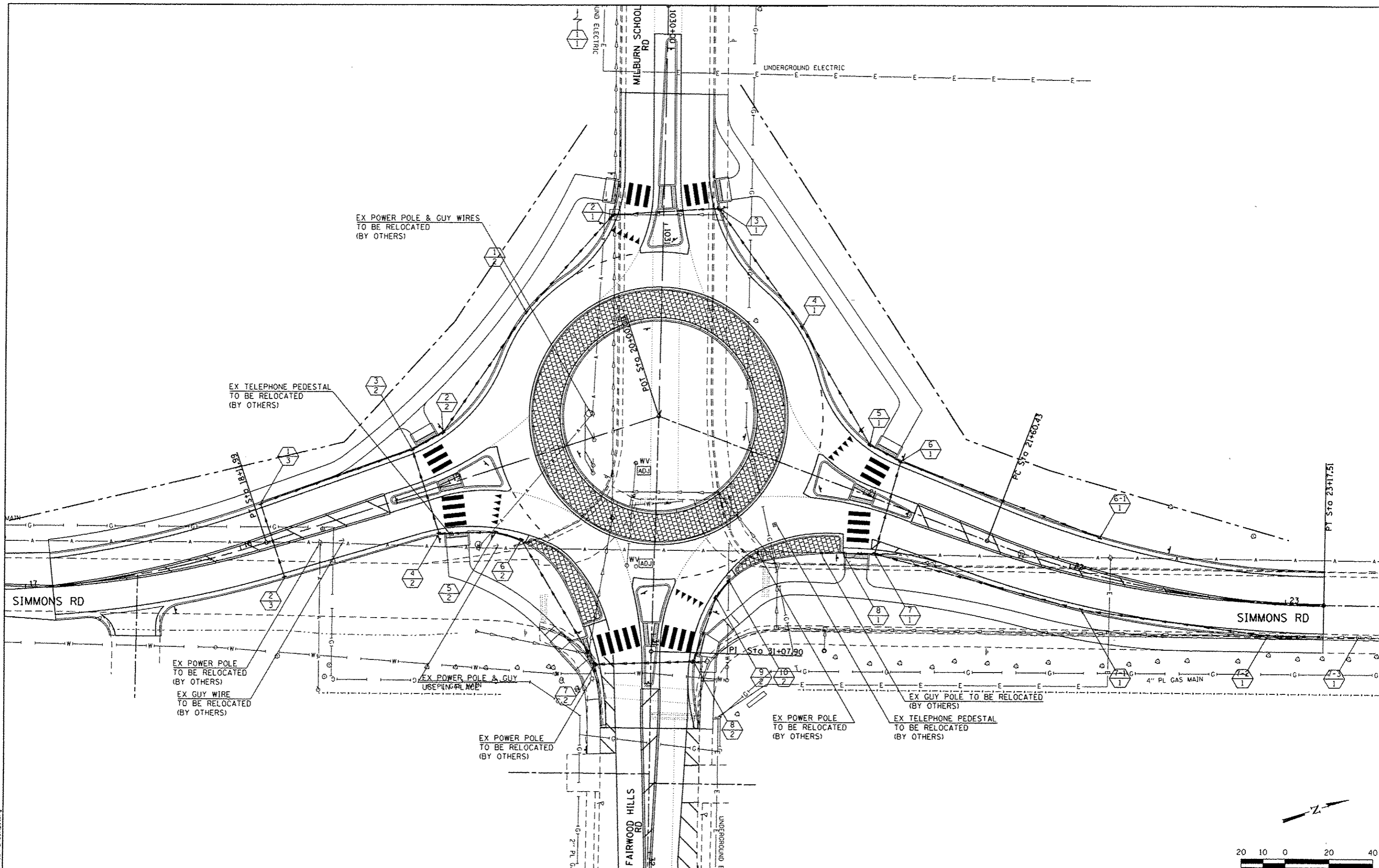
LAST SAVED : 10/3/2015
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PLOT SCALE : 48.0000' / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE : 10/5/2015 11:47:33 AM	DATE -	REVISED -	REVISED -



EROSION CONTROL PLAN			
SCALE: 1"=20'	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS	53	20
SECTION 12-00059-04-PV		
CONTRACT 97601		



LAST SAVED : 10/23/2015
 PEN TABLE : 181-HSLF.tbl
 PLOT DRIVER : pdfplotlayersbwp1c19

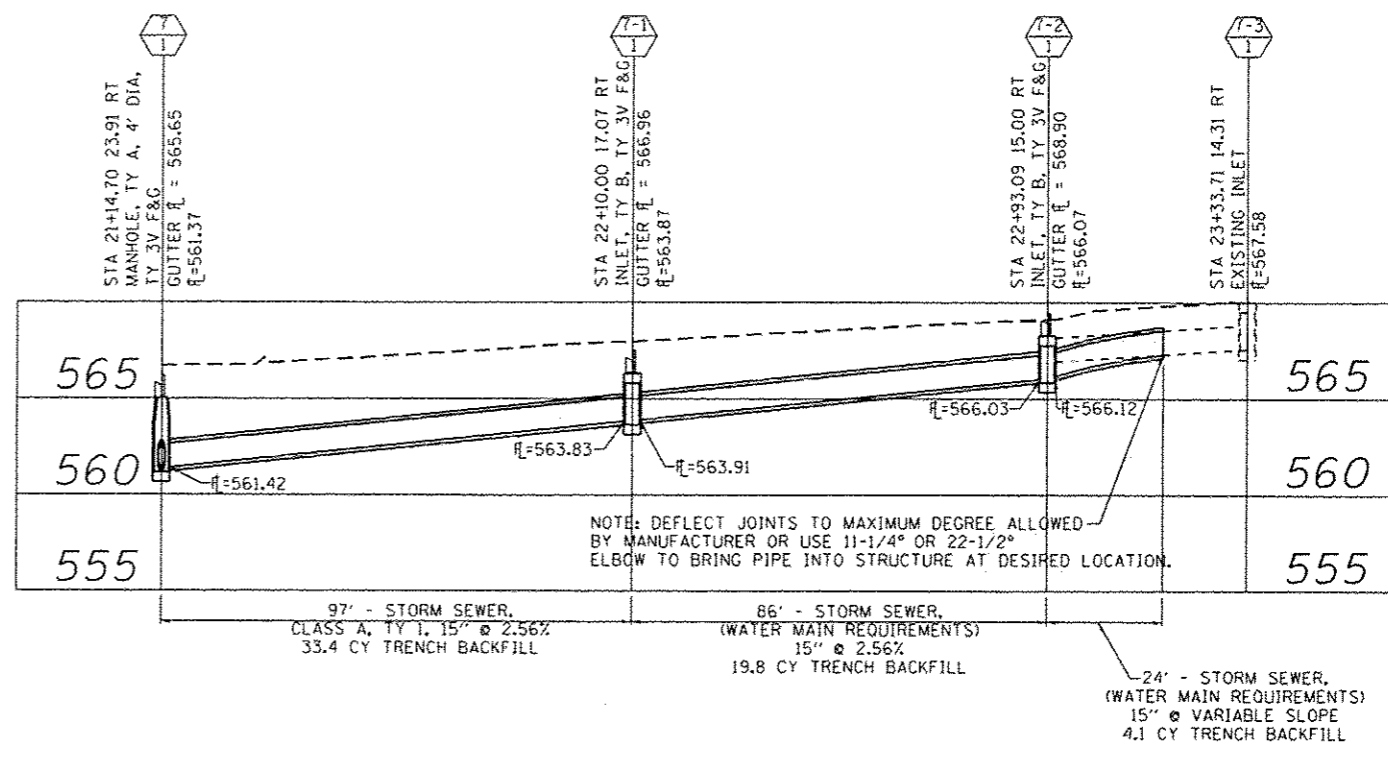
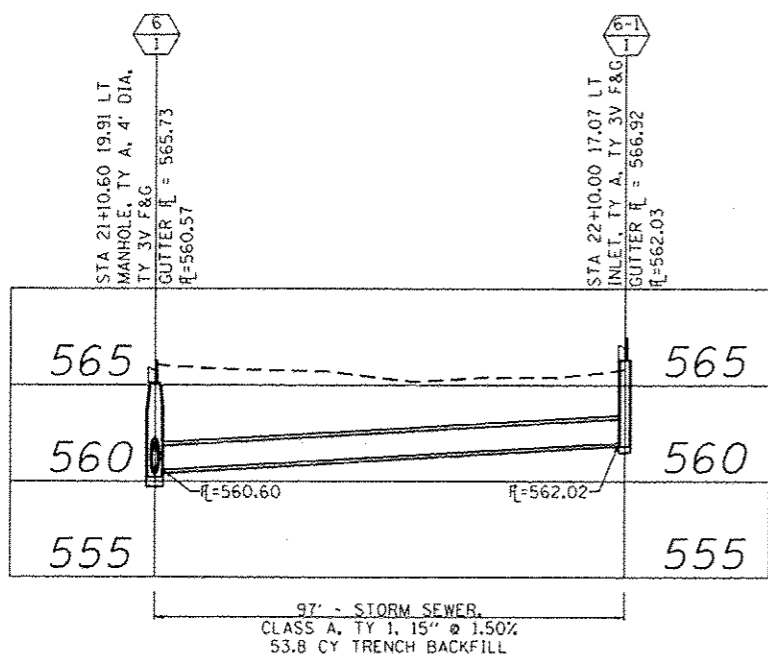
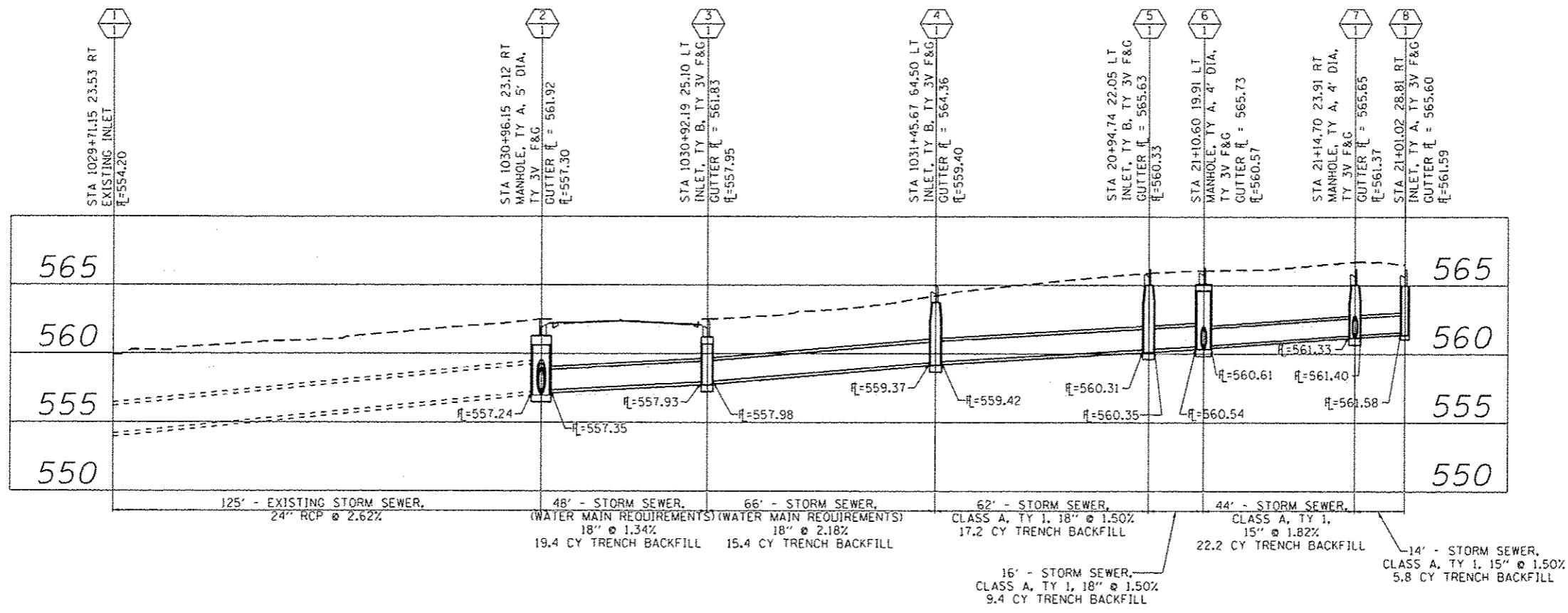
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PLOT SCALE :	CHECKED :	DATE :	REVISED :
48.0000' / in.	-	-	-
PLOT DATE :	DATE :	REVISED :	REVISED :
10/5/2015 11:47:34 AM	-	-	-

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DRAINAGE & UTILITIES PLAN	
SCALE: 1"=20'	SHEET NO. 1 OF 1 SHEETS
STA. _____	TO STA. _____

F.A.U. 9170/9148	
SIMMONS / MILBURN SCHOOL ROADS	
SECTION 12-00059-04-PV	
CONTRACT 97601	
TOTAL SHEETS: 53	SHEET NO.: 21



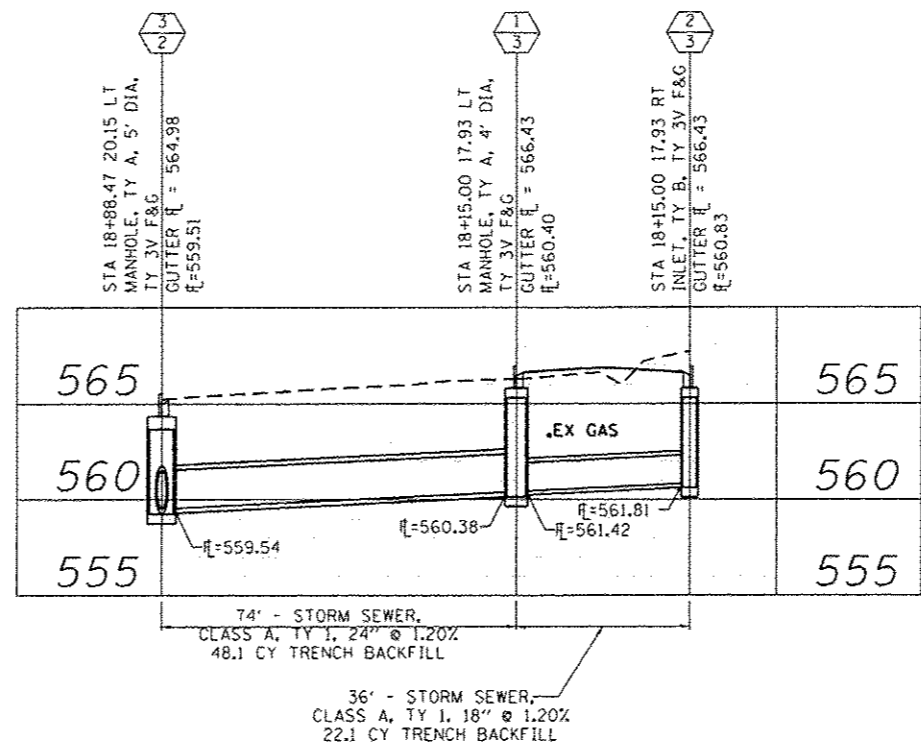
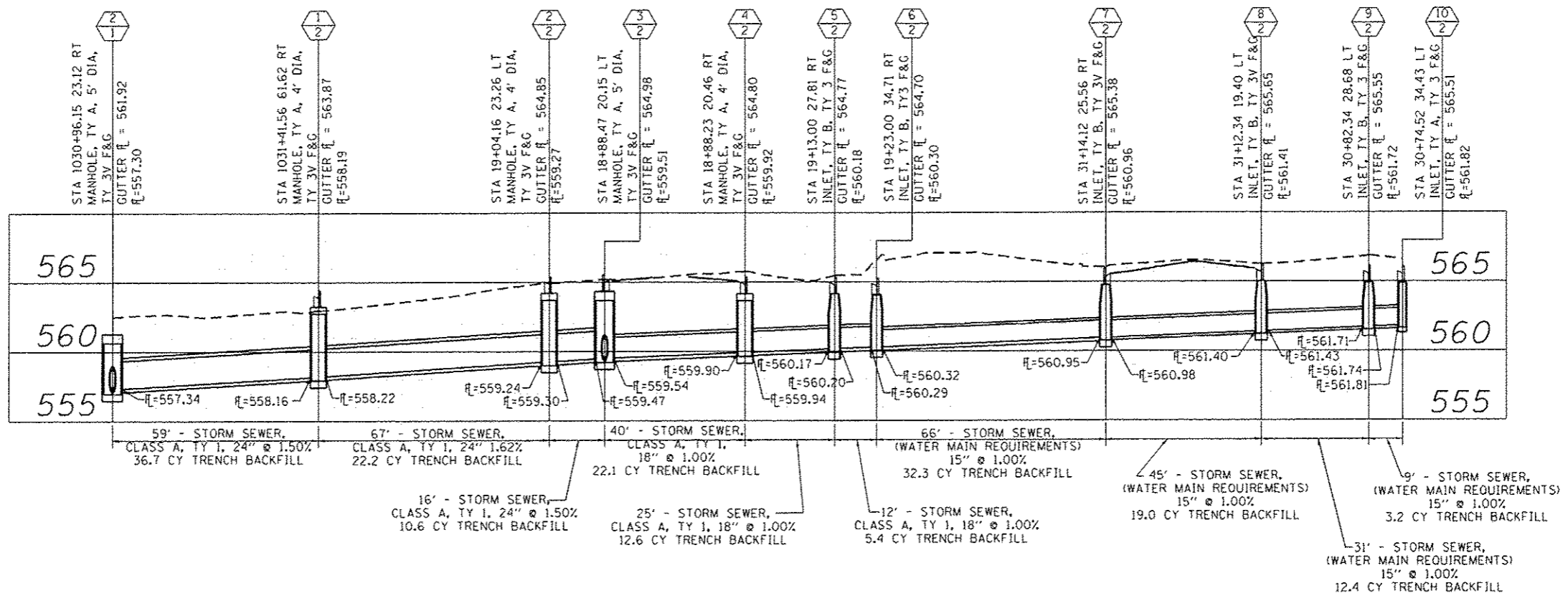
LAST SAVED : 10/3/2015
 PART NAME : 10-3-2015.dwg
 PLOT DRIVER : C:\Program Files\Autodesk\AutoCAD 2015\Plot\Plotter1.ctb
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FILE NAME :	USER NAME :	DESIGNED :	REVISED :
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PLOT SCALE :	CHECKED :	REVISED :	
1/8" = 1' / in.			
PLOT DATE :	DATE :	REVISED :	
10/5/2015 11:47:35 AM			



STORM SEWER PROFILES	
SCALE: 1"=20'	SHEET NO. 1 OF 2 SHEETS
STA.	TO STA.

F.A.U. 9170/9148		TOTAL SHEETS:	SHEET NO.:
SIMMONS / MILBURN SCHOOL ROADS		53	22
SECTION 12-00059-04-PV			
CONTRACT 97601			



LAST SAVED : 10/17/2015
 PART NUMBER : 1012223618
 PART DRIVER : 281001223618
 PLOT DRIVER : 1012223618






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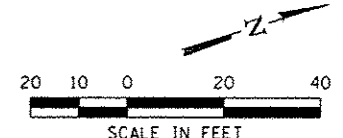
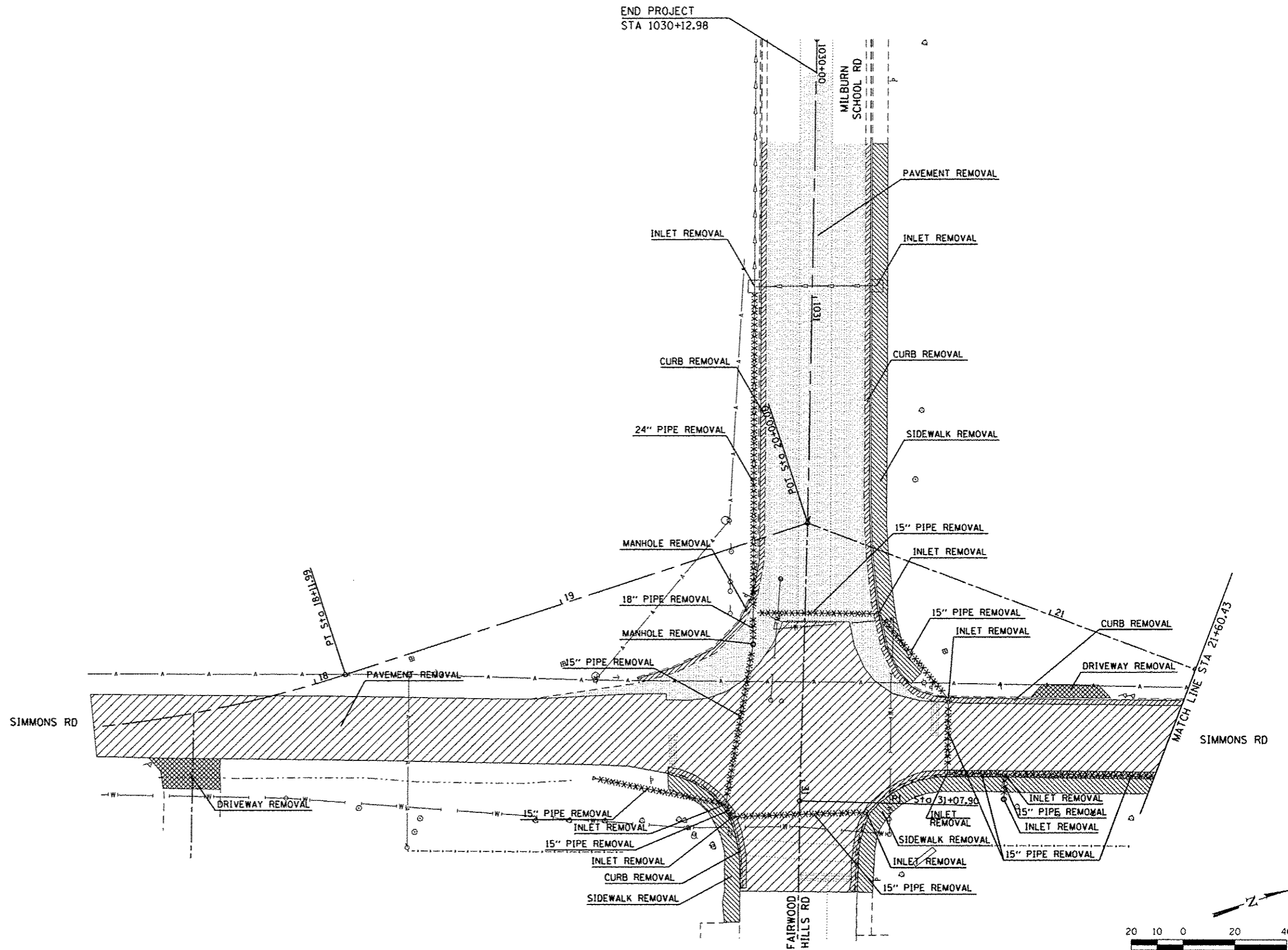


STORM SEWER PROFILES	
SCALE: 1"=20'	SHEET NO. 2 OF 2 SHEETS
STA.	TO STA.

F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS	53	23
SECTION 12-00059-04-PV		
CONTRACT 97601		

LEGEND

-  PCC PAVEMENT REMOVAL
-  HMA PAVEMENT REMOVAL
-  CURB/GUTTER REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
- XXXXXXXX STORM SEWER REMOVAL



LAST SAVED : 10/27/2015
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 PLOT DRIVER : pdfplotdrvshw.plt






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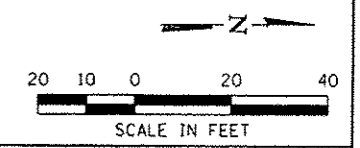
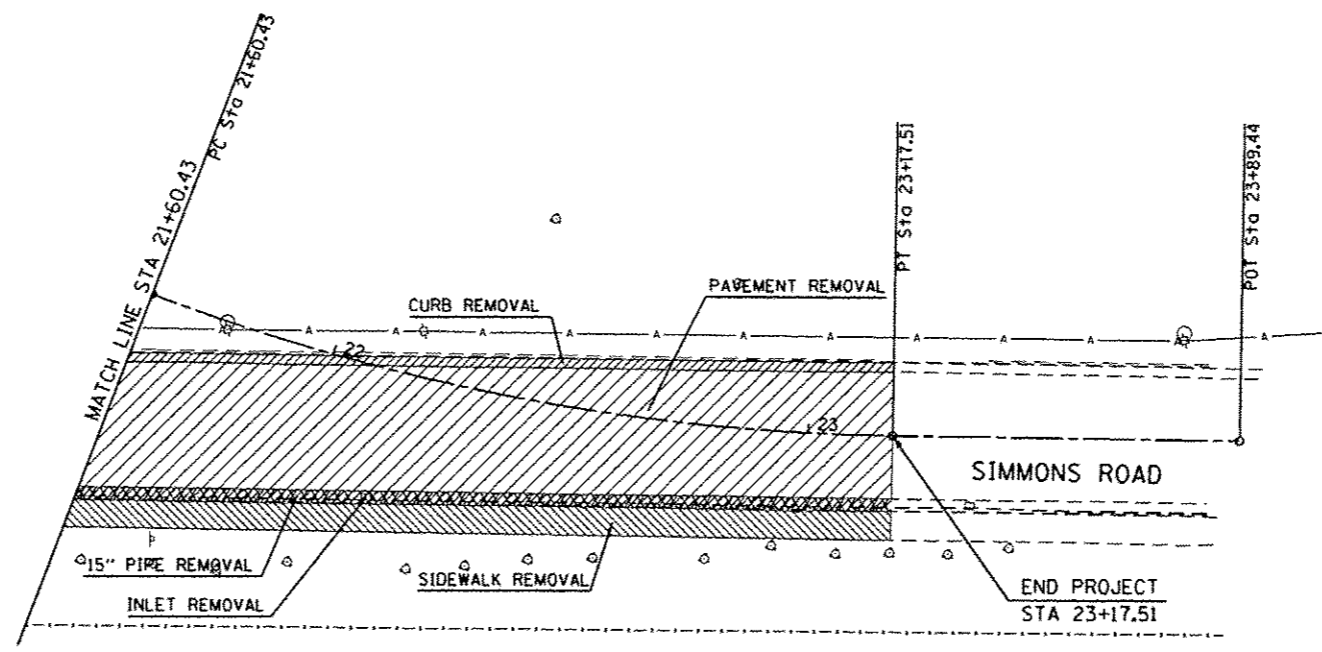


REMOVAL PLAN	
SCALE: 1"=20'	SHEET NO. 1 OF 2 SHEETS
STA.	TO STA.

F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS	53	24
SECTION 12-00059-04-PV		
CONTRACT 97601		

LEGEND

-  PCC PAVEMENT REMOVAL
-  HMA PAVEMENT REMOVAL
-  CURB/GUTTER REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
- XXXXXXXX STORM SEWER REMOVAL



LAST SAVED : 10/3/2015
 PEN TABLE : 18-in-Half.dwg
 PLOT DRIVER : plotnlayersb-plotter.g

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PLOT SCALE : 48.0000' / in.		CHECKED -	REVISED -
PLOT DATE : 10/5/2015 11:47:37 AM		DATE -	REVISED -



REMOVAL PLAN	
SCALE: 1"=20'	SHEET NO. 2 OF 2 SHEETS
STA.	TO STA.

F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS		53	25
SECTION 12-00059-04-PV			
CONTRACT 97601			

WESTBOUND ENTRY "A"		
POINT NUMBER	NORTHING	EASTING
A1	708,241.95	2,364,352.61
A2	708,239.02	2,364,362.17
A3	708,236.07	2,364,371.72
A4	708,232.35	2,364,380.99
A5	708,227.14	2,364,389.52
A6	708,220.59	2,364,397.06
A7	708,212.88	2,364,403.41
A8	708,204.23	2,364,408.39
A9	708,196.66	2,364,411.34

SOUTHBOUND EXIT "B"		
POINT NUMBER	NORTHING	EASTING
B1	708,159.16	2,364,437.79
B2	708,152.63	2,364,445.36
B3	708,145.16	2,364,451.99
B4	708,136.86	2,364,457.57
B5	708,127.90	2,364,461.99
B6	708,118.44	2,364,465.19
B7	708,108.63	2,364,467.09
B8	708,103.07	2,364,467.58

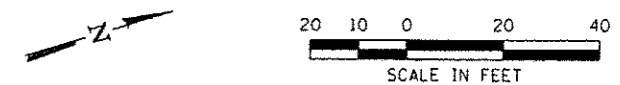
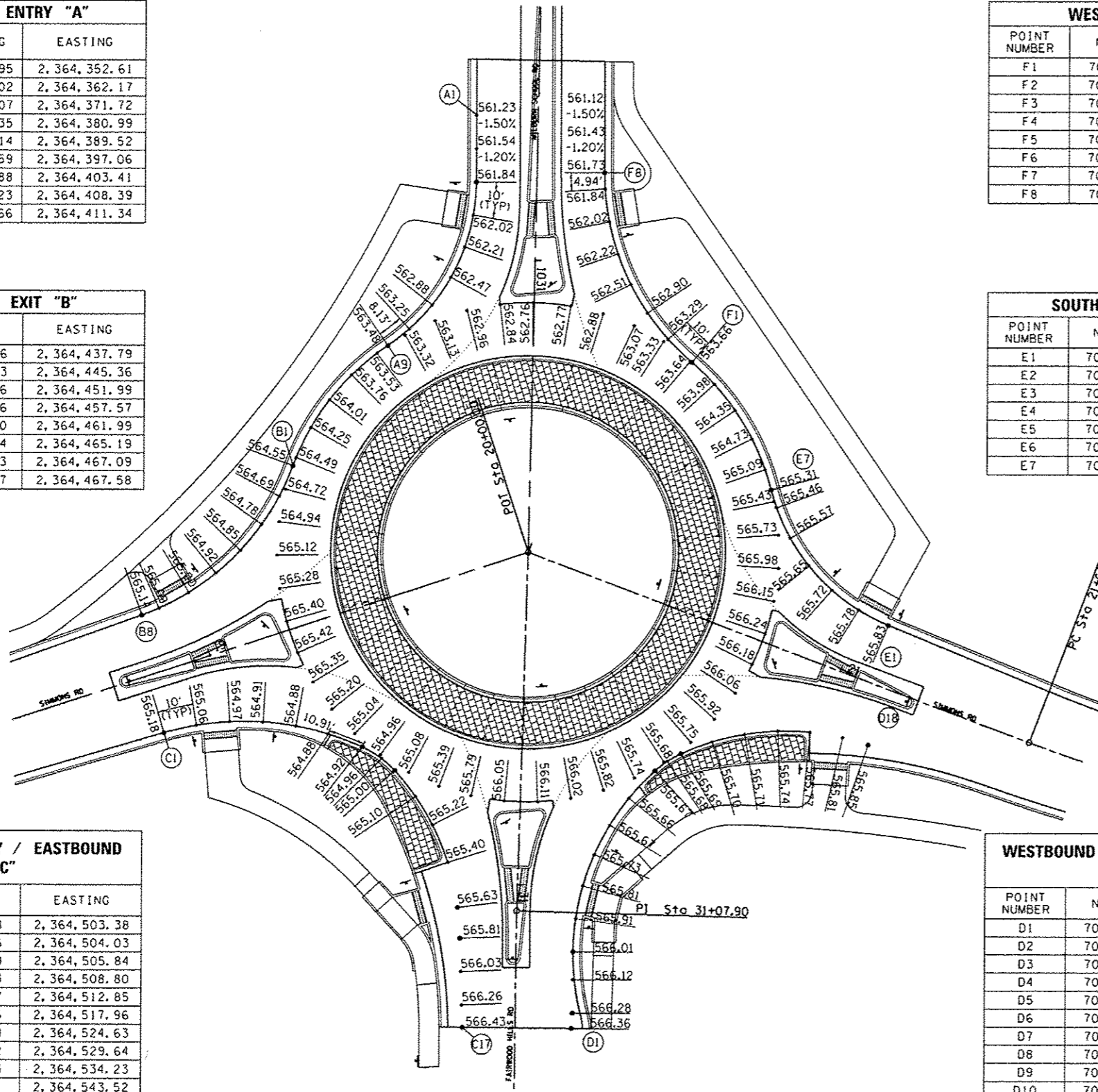
NORTHBOUND ENTRY / EASTBOUND EXIT "C"		
POINT NUMBER	NORTHING	EASTING
C1	708,099.28	2,364,503.38
C2	708,109.26	2,364,504.03
C3	708,119.09	2,364,505.84
C4	708,128.63	2,364,508.80
C5	708,137.77	2,364,512.85
C6	708,146.36	2,364,517.96
C7	708,154.99	2,364,524.63
C8	708,159.52	2,364,529.64
C9	708,162.23	2,364,534.23
C10	708,165.91	2,364,543.52
C11	708,168.33	2,364,553.21
C12	708,169.51	2,364,565.40
C13	708,168.43	2,364,579.18
C14	708,166.43	2,364,588.26
C15	708,163.83	2,364,597.91
C16	708,161.23	2,364,607.57
C17	708,159.49	2,364,614.03

WESTBOUND EXIT "F"		
POINT NUMBER	NORTHING	EASTING
F1	708,282.21	2,364,442.43
F2	708,277.39	2,364,433.67
F3	708,273.78	2,364,424.36
F4	708,271.43	2,364,414.64
F5	708,270.40	2,364,404.70
F6	708,270.70	2,364,394.72
F7	708,272.88	2,364,384.77
F8	708,273.61	2,364,380.08

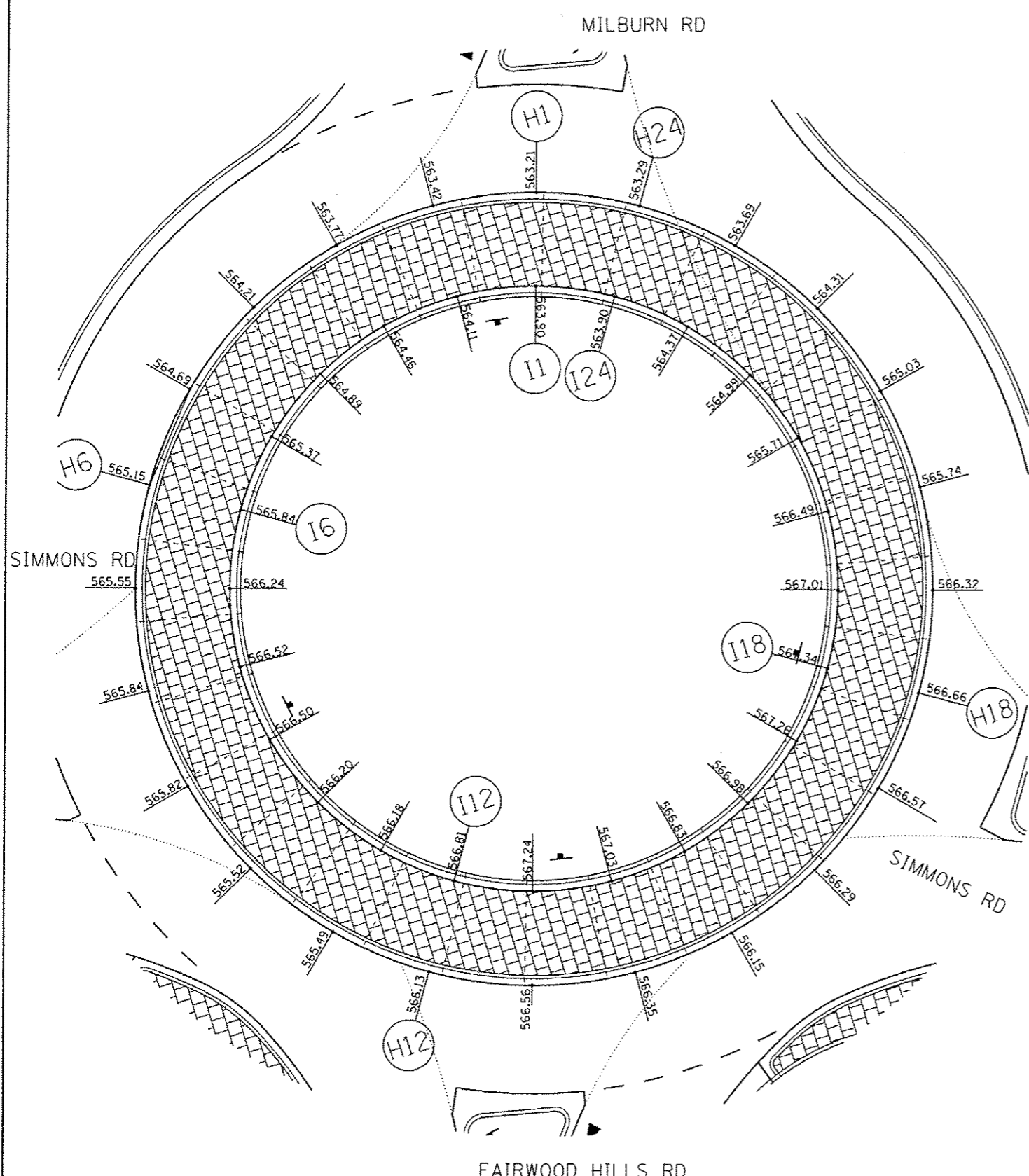
SOUTHBOUND ENTRY "E"		
POINT NUMBER	NORTHING	EASTING
E1	708,316.02	2,364,534.87
E2	708,308.83	2,364,527.93
E3	708,302.90	2,364,519.90
E4	708,298.38	2,364,510.99
E5	708,295.40	2,364,501.45
E6	708,294.05	2,364,491.56
E7	708,294.01	2,364,485.96

WESTBOUND ENTRY / NORTHBOUND EXIT "D"		
POINT NUMBER	NORTHING	EASTING
D1	708,190.57	2,364,623.75
D2	708,192.16	2,364,619.44
D3	708,195.14	2,364,609.89
D4	708,197.65	2,364,601.89
D5	708,201.26	2,364,592.57
D6	708,206.08	2,364,583.82
D7	708,212.01	2,364,575.78
D8	708,218.97	2,364,568.61
D9	708,226.82	2,364,562.42
D10	708,236.62	2,364,556.73
D11	708,240.96	2,364,555.04
D12	708,245.50	2,364,554.04
D13	708,255.47	2,364,553.32
D14	708,265.44	2,364,553.92
D15	708,275.24	2,364,555.85
D16	708,284.35	2,364,558.91
D17	708,293.32	2,364,563.31
D18	708,299.96	2,364,567.61

RT EOP ROUNDABOUT "G"		
POINT NUMBER	NORTHING	EASTING
G1	708,241.98	2,364,411.49
G2	708,232.28	2,364,409.08
G3	708,222.35	2,364,407.98
G4	708,212.36	2,364,408.21
G5	708,202.49	2,364,409.76
G6	708,192.91	2,364,412.62
G7	708,183.80	2,364,416.72
G8	708,175.32	2,364,422.00
G9	708,167.61	2,364,428.36
G10	708,160.81	2,364,435.68
G11	708,155.05	2,364,443.85
G12	708,150.43	2,364,452.71
G13	708,147.02	2,364,462.10
G14	708,144.89	2,364,471.86
G15	708,144.08	2,364,481.82
G16	708,144.61	2,364,491.80
G17	708,146.45	2,364,501.62
G18	708,149.58	2,364,511.11
G19	708,153.95	2,364,520.10
G20	708,159.47	2,364,528.43
G21	708,166.05	2,364,535.95
G22	708,173.57	2,364,542.53
G23	708,181.90	2,364,548.05
G24	708,190.89	2,364,552.41
G25	708,200.38	2,364,555.54
G26	708,210.20	2,364,557.38
G27	708,220.18	2,364,557.90
G28	708,230.14	2,364,557.09
G29	708,239.43	2,364,554.82
G30	708,249.30	2,364,551.55
G31	708,258.16	2,364,546.92
G32	708,266.32	2,364,541.16
G33	708,273.64	2,364,534.36
G34	708,280.00	2,364,526.65
G35	708,285.27	2,364,518.16
G36	708,289.37	2,364,509.05
G37	708,292.22	2,364,499.47
G38	708,293.78	2,364,489.60
G39	708,294.00	2,364,479.61
G40	708,292.90	2,364,469.68
G41	708,290.49	2,364,459.98
G42	708,286.81	2,364,450.69
G43	708,281.92	2,364,441.98
G44	708,275.92	2,364,433.98
G45	708,268.92	2,364,426.86
G46	708,261.02	2,364,420.73
G47	708,252.38	2,364,415.71

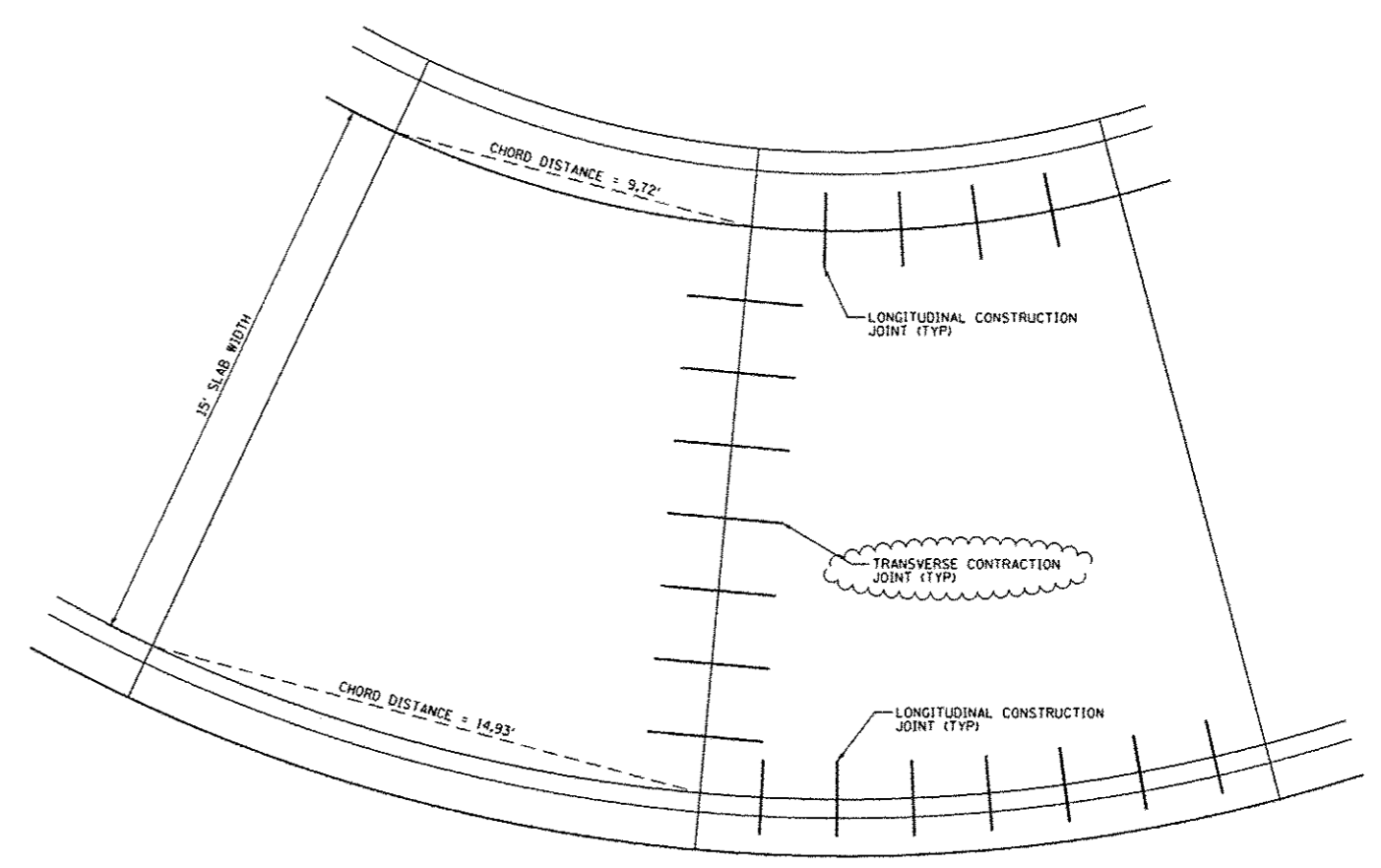


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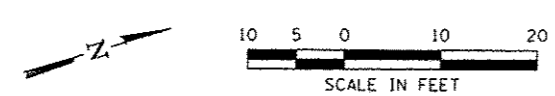


LT EOP ROUNDABOUT "H"		
POINT NUMBER	NORTHING	EASTING
H1	708,236.23	2,364,426.45
H2	708,221.03	2,364,423.94
H3	708,205.70	2,364,425.44
H4	708,191.28	2,364,430.86
H5	708,178.76	2,364,439.83
H6	708,168.99	2,364,451.73
H7	708,162.62	2,364,465.76
H8	708,160.11	2,364,480.95
H9	708,161.61	2,364,496.28
H10	708,167.03	2,364,510.70
H11	708,176.00	2,364,523.22
H12	708,187.90	2,364,533.00
H13	708,201.93	2,364,539.36
H14	708,217.12	2,364,541.87
H15	708,232.45	2,364,540.37
H16	708,246.87	2,364,534.95
H17	708,259.39	2,364,525.99
H18	708,269.17	2,364,514.08
H19	708,275.53	2,364,500.06
H20	708,278.04	2,364,484.86
H21	708,276.54	2,364,469.53
H22	708,271.12	2,364,455.12
H23	708,262.15	2,364,442.59
H24	708,250.25	2,364,432.82

TRUCK APRON "I"		
POINT NUMBER	NORTHING	EASTING
I1	708,232.15	2,364,439.85
I2	708,220.56	2,364,437.94
I3	708,208.87	2,364,439.08
I4	708,197.88	2,364,443.22
I5	708,188.33	2,364,450.06
I6	708,180.87	2,364,459.14
I7	708,176.02	2,364,469.83
I8	708,174.11	2,364,481.42
I9	708,175.25	2,364,493.11
I10	708,179.39	2,364,504.11
I11	708,186.23	2,364,513.66
I12	708,195.30	2,364,521.11
I13	708,206.00	2,364,525.96
I14	708,217.59	2,364,527.88
I15	708,229.28	2,364,526.73
I16	708,240.28	2,364,522.60
I17	708,249.82	2,364,515.76
I18	708,257.28	2,364,506.68
I19	708,262.13	2,364,495.98
I20	708,264.05	2,364,484.39
I21	708,262.90	2,364,472.70
I22	708,258.76	2,364,461.71
I23	708,251.93	2,364,452.16
I24	708,242.85	2,364,444.70



JOINT CONSTRUCTION WILL NOT BE PAID FOR SEPARATELY, BUT IS INCLUDED IN THE COST OF THE PAVEMENT OR CURB AND GUTTER BEING CONSTRUCTED. SEE STANDARD 420001 FOR JOINT DETAILS.



LAST SAVED : 10/3/2015
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 PLOT DRIVER : pdfplotter15bwticfg

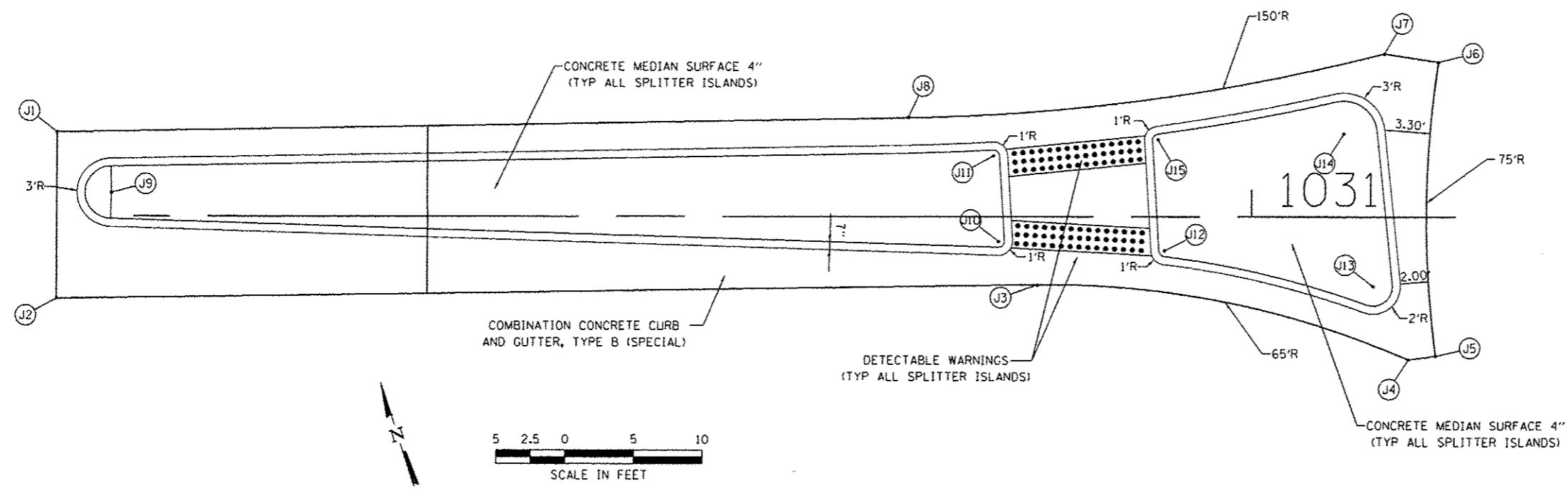
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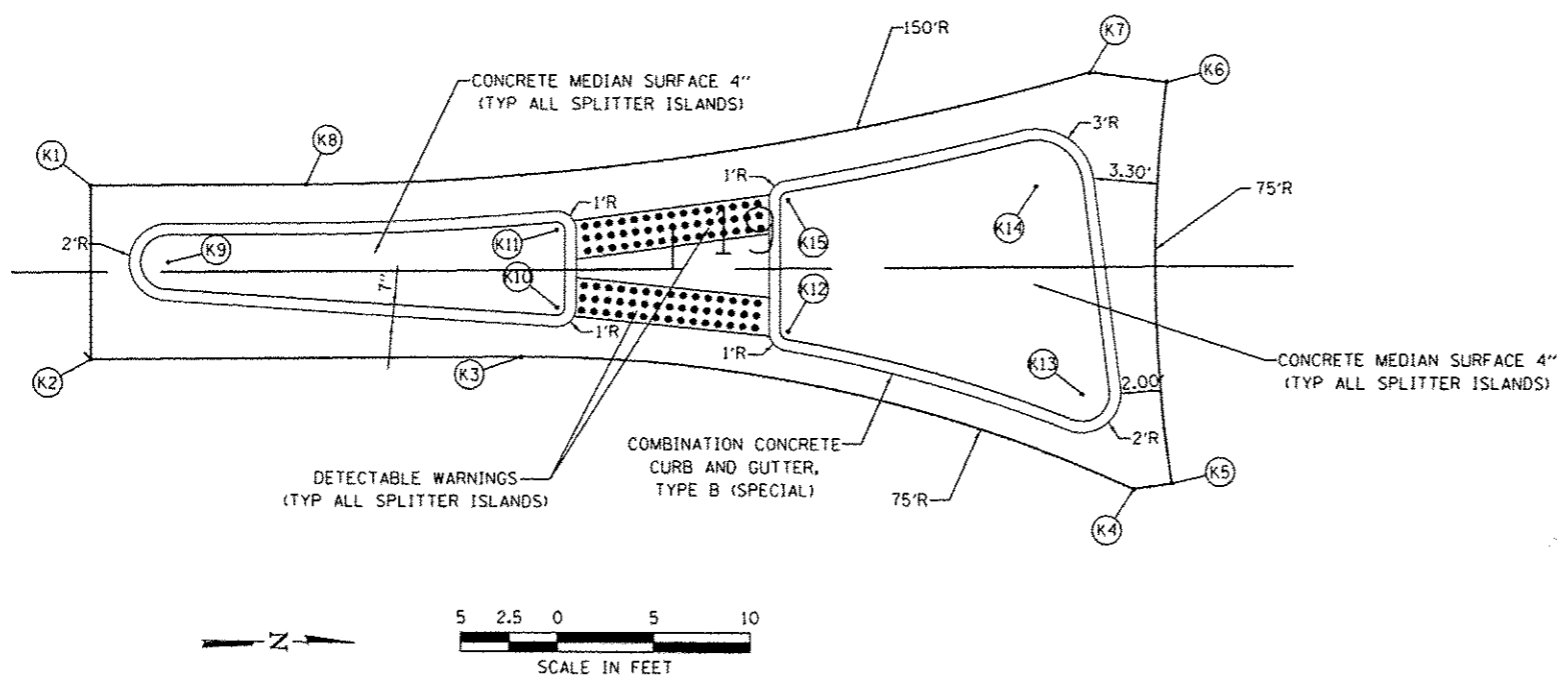
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TRUCK APRON SLAB DETAILS		
SCALE: NONE	SHEET NO. 2 OF 6 SHEETS	STA. TO STA.

F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS		53	27
SECTION 12-00059-04-PV		CONTRACT 97601	

MILBURN SPLITTER ISLAND "J"		
POINT NUMBER	NORTHING	EASTING
J1	708,278.76	2,364,318.56
J2	708,267.18	2,364,314.81
J3	708,246.18	2,364,383.07
J4	708,232.66	2,364,407.11
J5	708,232.31	2,364,409.08
J6	708,252.68	2,364,415.86
J7	708,254.47	2,364,412.28
J8	708,260.69	2,364,377.86
J9	708,272.85	2,364,320.83
J10	708,248.89	2,364,381.08
J11	708,256.14	2,364,382.95
J12	708,244.72	2,364,392.39
J13	708,237.45	2,364,406.06
J14	708,249.81	2,364,407.69
J15	708,253.57	2,364,394.68



SIMMONS (SOUTH) SPLITTER ISLAND "K"		
POINT NUMBER	NORTHING	EASTING
K1	708,088.87	2,364,481.32
K2	708,089.07	2,364,490.32
K3	708,111.34	2,364,489.82
K4	708,143.22	2,364,496.15
K5	708,145.19	2,364,495.81
K6	708,144.50	2,364,474.98
K7	708,140.52	2,364,474.56
K8	708,100.03	2,364,481.07
K9	708,092.96	2,364,485.23
K10	708,113.15	2,364,487.22
K11	708,113.06	2,364,483.23
K12	708,125.17	2,364,488.26
K13	708,140.45	2,364,491.25
K14	708,137.85	2,364,480.54
K15	708,125.02	2,364,481.46



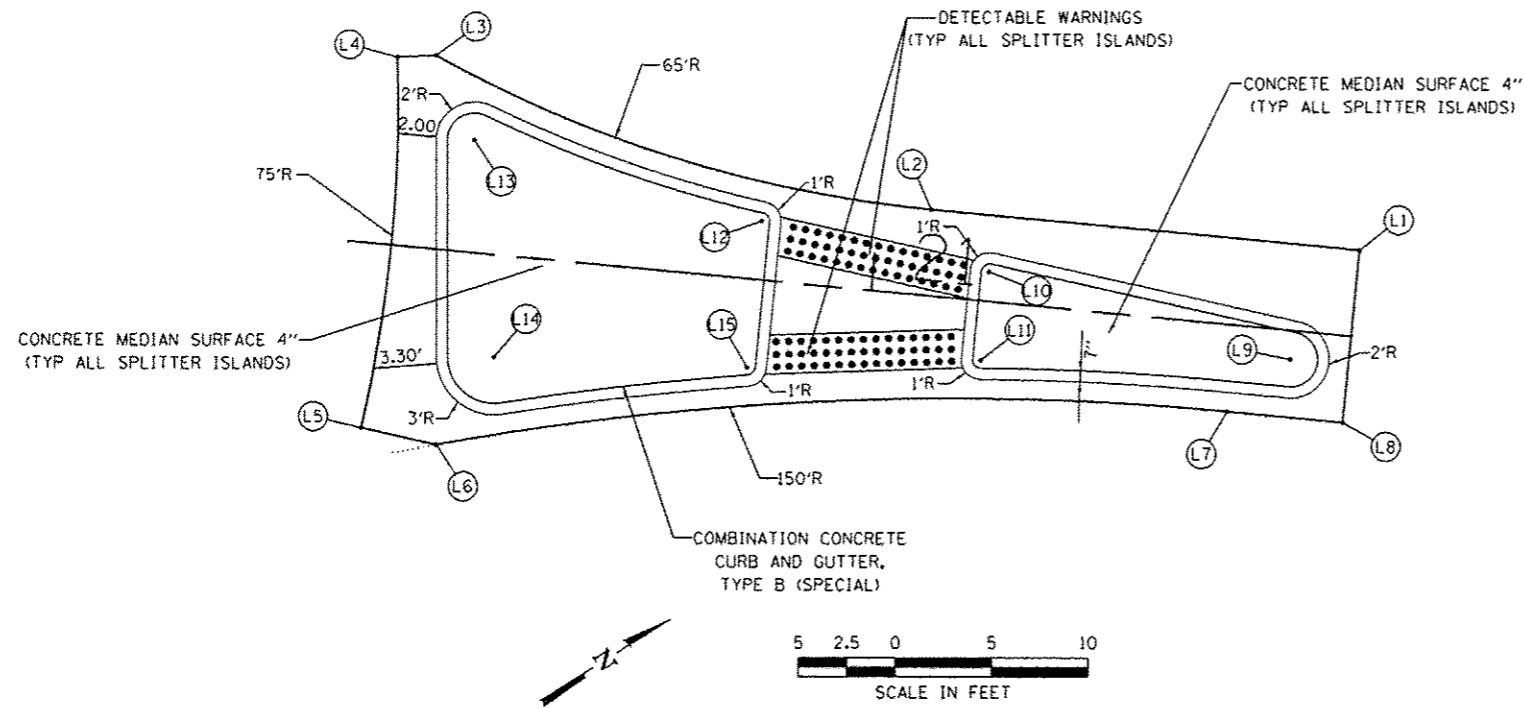
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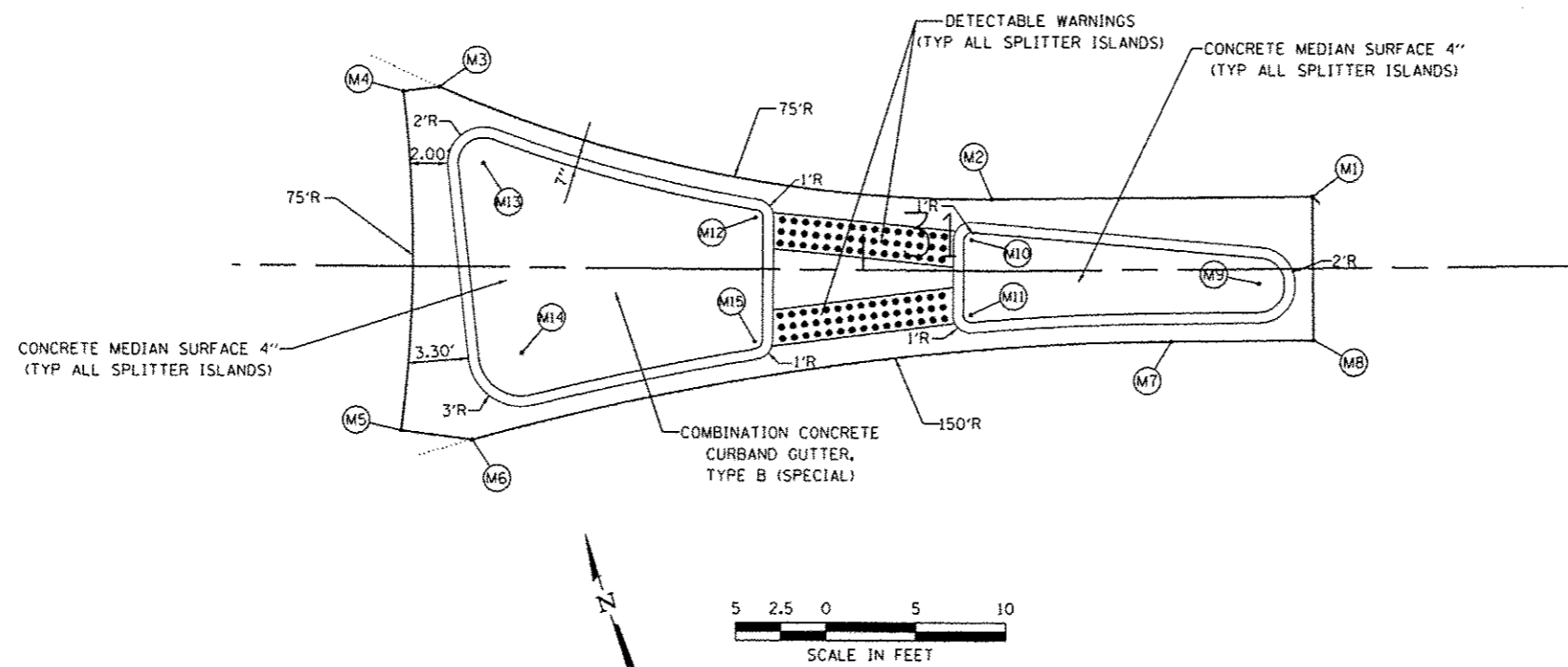
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SPLITTER ISLANDS			
SCALE: 1"=5'	SHEET NO. 3 OF 6 SHEETS	STA.	TO STA.

F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS	53	28
SECTION 12-00059-04-PV		
CONTRACT 97601		



SIMMONS (NORTH) SPLITTER ISLAND "L"



POINT NUMBER	NORTHING	EASTING
L1	708,320.86	2,364,555.61
L2	708,303.19	2,364,542.00
L3	708,285.71	2,364,521.49
L4	708,283.98	2,364,520.49
L5	708,272.16	2,364,535.89
L6	708,274.99	2,364,538.72
L7	708,310.60	2,364,559.06
L8	708,315.37	2,364,562.74
L9	708,314.82	2,364,558.53
L10	708,304.00	2,364,546.36
L11	708,301.20	2,364,550.00
L12	708,295.43	2,364,537.83
L13	708,285.05	2,364,526.33
L14	708,279.94	2,364,536.44
L15	708,290.77	2,364,543.88



FAIRWOOD HILLS SPLITTER ISLAND "M"

POINT NUMBER	NORTHING	EASTING
M1	708,183.74	2,364,602.81
M2	708,189.05	2,364,585.81
M3	708,204.46	2,364,558.51
M4	708,204.84	2,364,556.54
M5	708,186.89	2,364,550.65
M6	708,185.17	2,364,554.26
M7	708,178.46	2,364,592.88
M8	708,176.10	2,364,600.42
M9	708,180.04	2,364,598.51
M10	708,187.25	2,364,584.03
M11	708,183.31	2,364,582.72
M12	708,192.14	2,364,573.01
M13	708,199.65	2,364,559.56
M14	708,188.96	2,364,558.36
M15	708,185.59	2,364,570.83

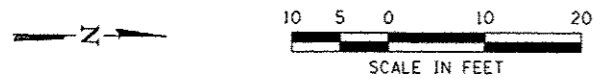
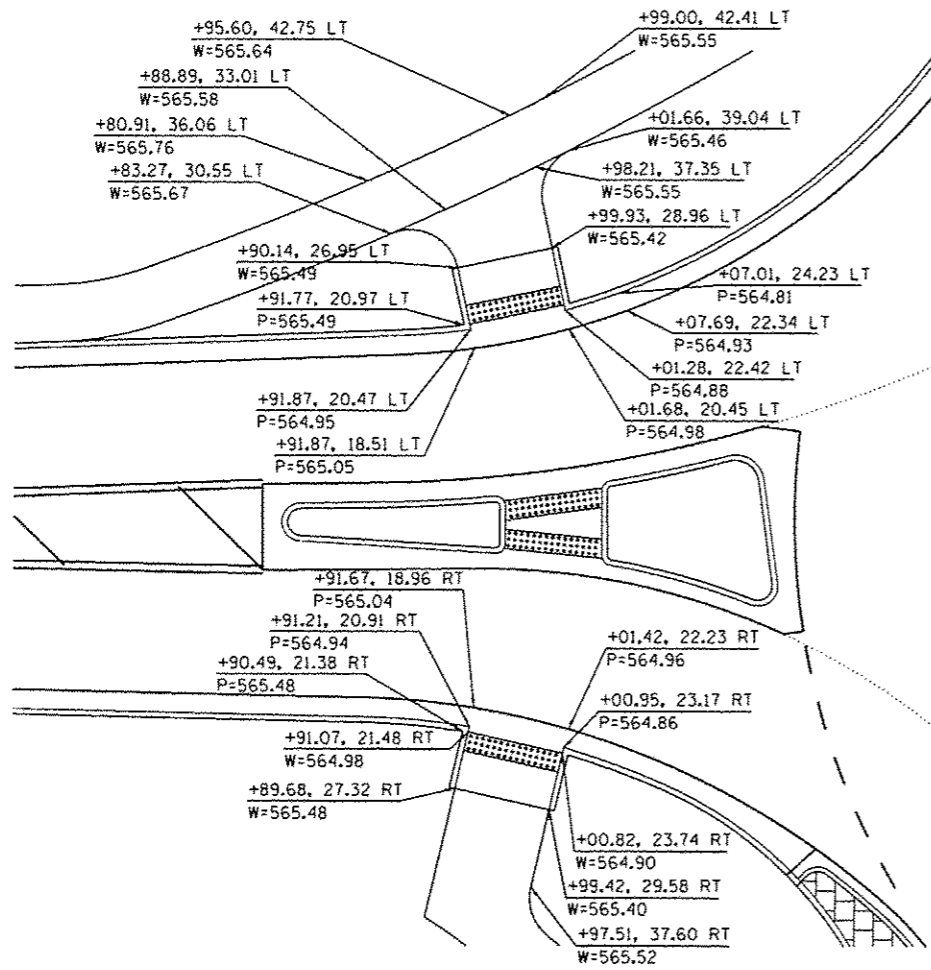
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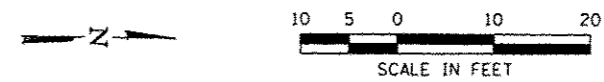
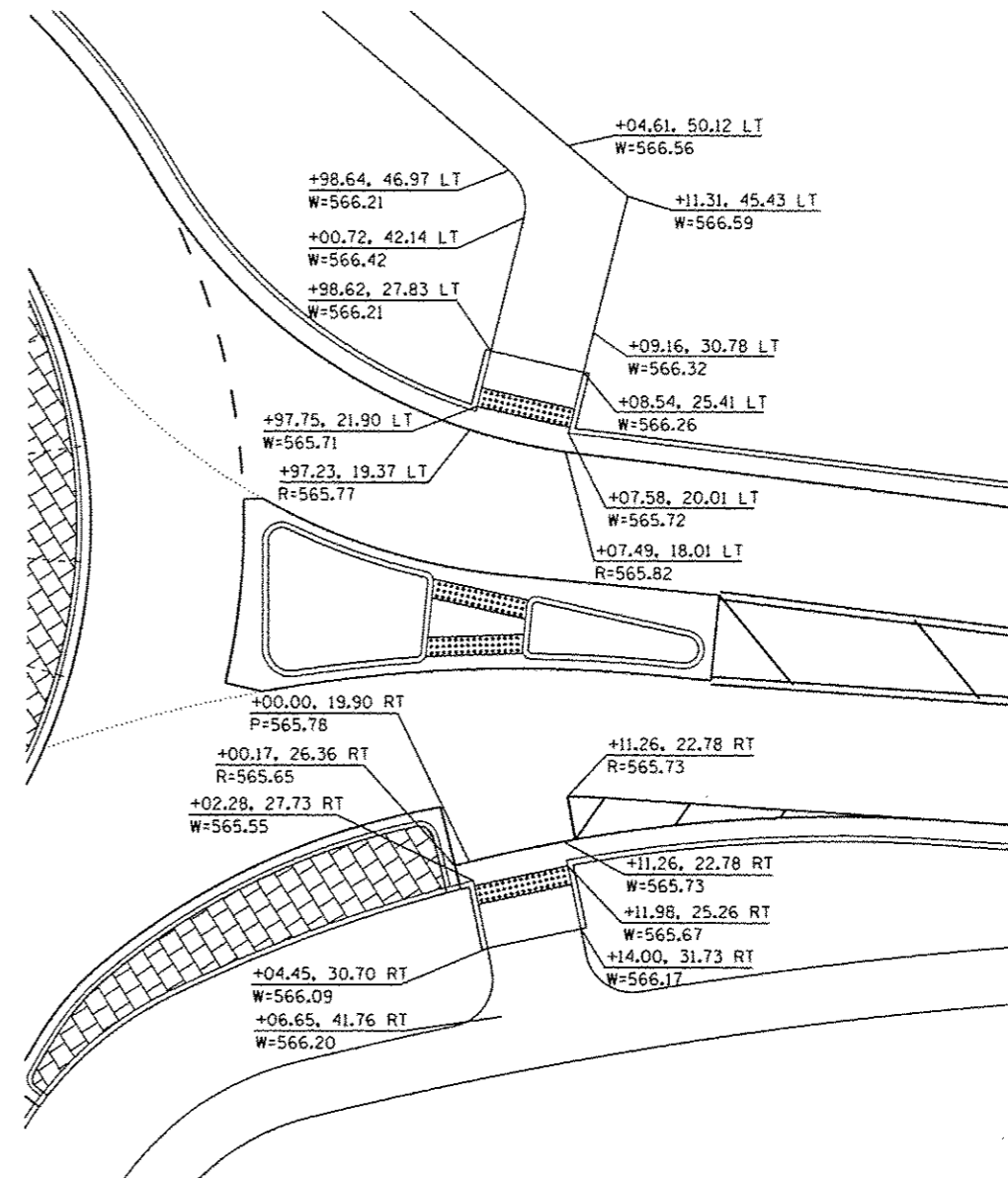
INTERSECTION DETAILS
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 SCALE: 1"=5' SHEET NO. 4 OF 6 SHEETS STA. TO STA.

F.A.U. 9170/9148
 SIMMONS / MILBURN SCHOOL ROADS
 SECTION 12-00059-04-PV
 CONTRACT 97601
 TOTAL SHEETS: 63 SHEET NO.: 29

SIMMONS ROAD SOUTH



SIMMONS ROAD NORTH



LAST SAVED : 10/21/2015
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PLOT SCALE : 20.0000' / in.		DATE -	REVISED -
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 ENGINEERS
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O'Fallon
 ILLINOIS

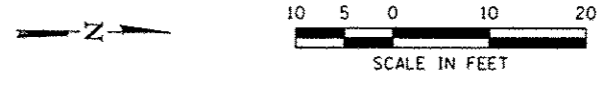
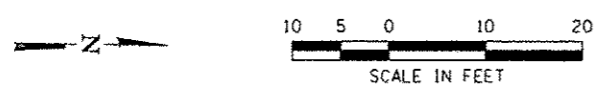
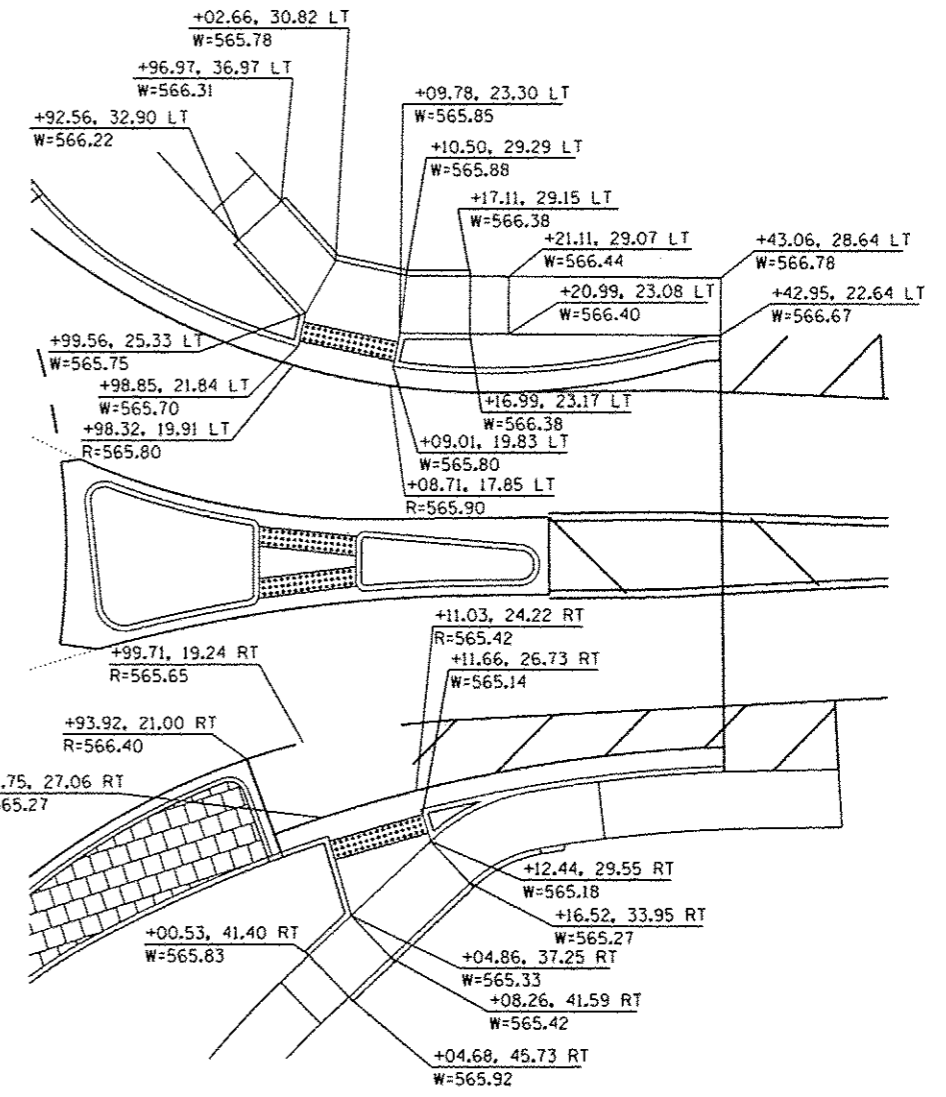
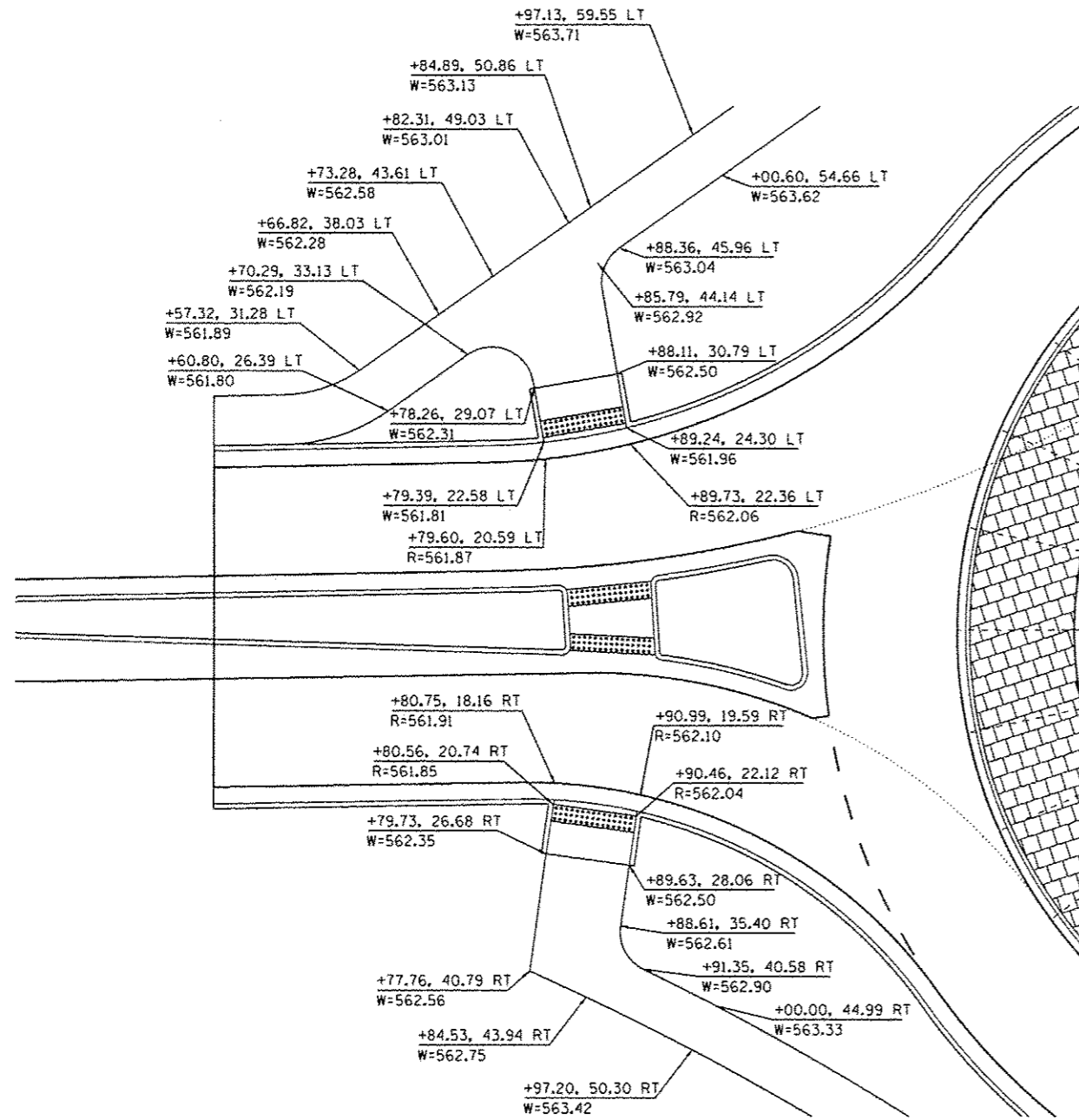
INTERSECTION DETAILS
 CURB RAMP DETAILS

SCALE: NONE SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS	53	30
SECTION 12-00059-04-PV		
CONTRACT 97601		

MILBURN ROAD

FAIRWOOD HILLS ROAD



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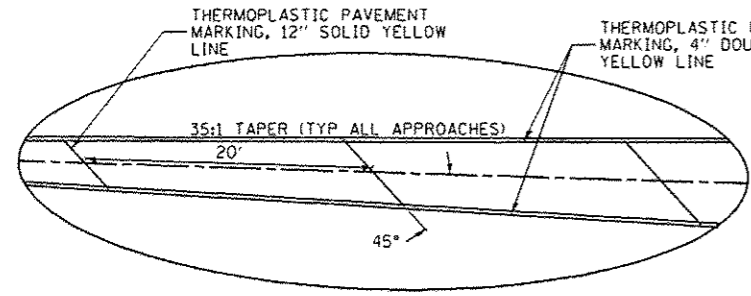
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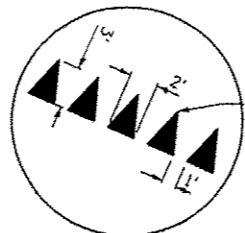
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CURB RAMP DETAILS	
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STA.	TO STA.

F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS		53	31
SECTION 12-00059-04-PV			
CONTRACT 97601			

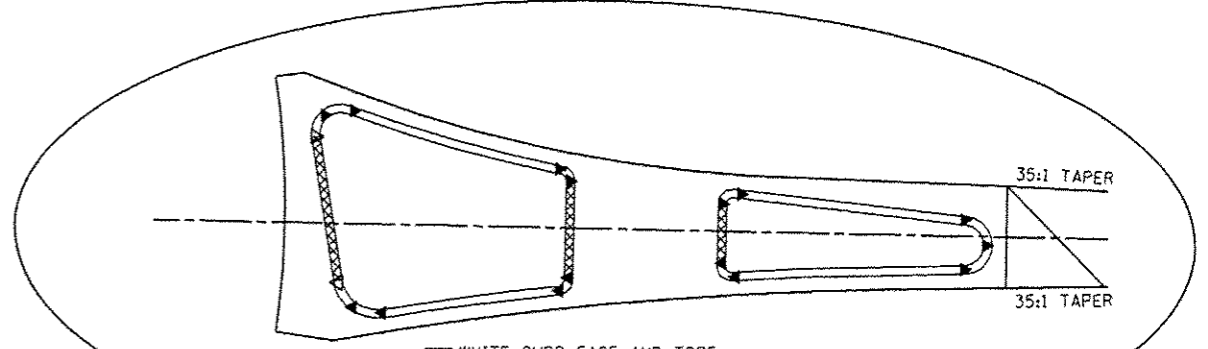
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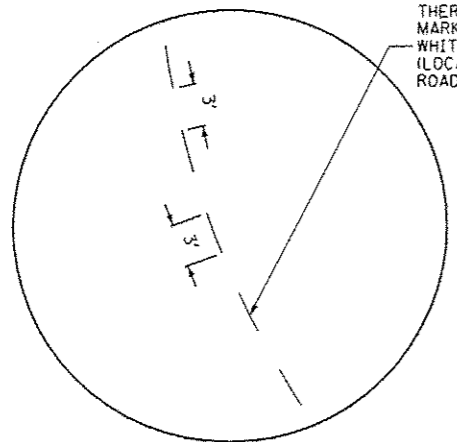
DETAIL 'A'



DETAIL 'B'

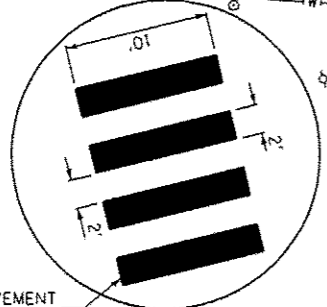
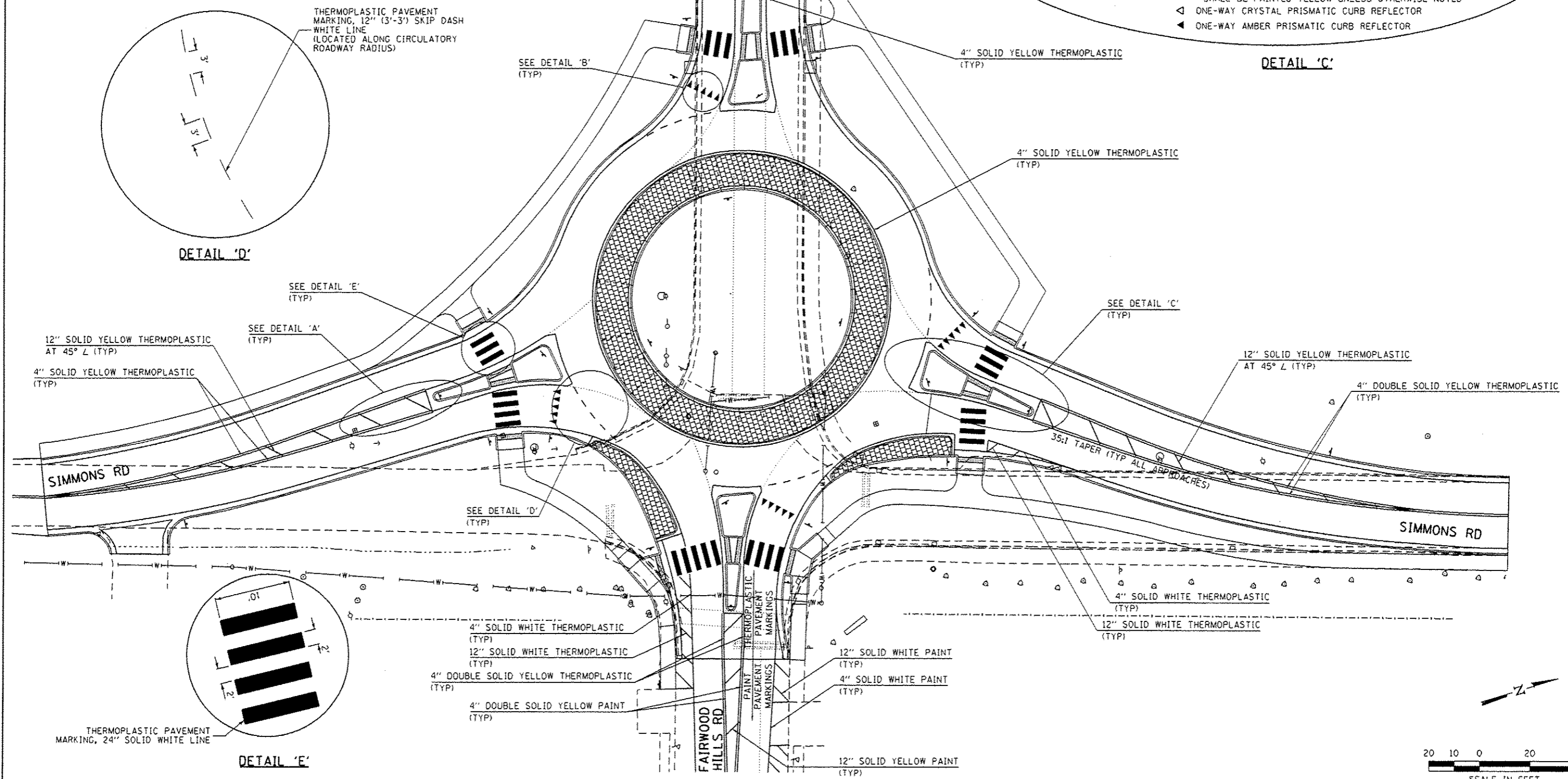


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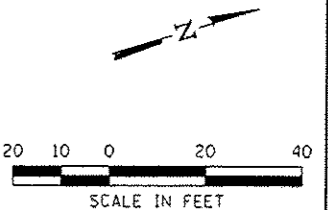


DETAIL 'D'

- ☐ WHITE CURB FACE AND TOPS
ALL OTHER CURB FACE AND TOPS ON SPLITTER ISLAND
SHALL BE PAINTED YELLOW UNLESS OTHERWISE NOTED
- ◁ ONE-WAY CRYSTAL PRISMATIC CURB REFLECTOR
- ◀ ONE-WAY AMBER PRISMATIC CURB REFLECTOR



DETAIL 'E'

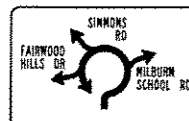


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SSUBDATES	PLOT DATE : 11/5/2015 7:35:23 AM	CHECKED -	REVISED -							SECTION 12-00059-04-PV	
		DATE -	REVISED -							CONTRACT 9T601	

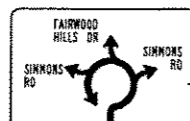
DIAGRAMMATIC ADVANCE SIGNING

TO BE PLACED 300' IN ADVANCE OF YIELD SIGN (SIMMONS RD SOUTHBOUND)



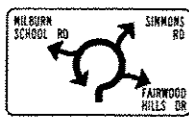
DIAGRAMMATIC ADVANCE DESTINATION GUIDE SIGN
SIZE: 60"W X 48"H
TEXT: 4" B SERIES (WHITE)
BACKGROUND: GREEN

TO BE PLACED 300' IN ADVANCE OF YIELD SIGN (MILBURN SCHOOL RD EASTBOUND)



DIAGRAMMATIC ADVANCE DESTINATION GUIDE SIGN
SIZE: 60"W X 48"H
TEXT: 4" B SERIES (WHITE)
BACKGROUND: GREEN

TO BE PLACED 300' IN ADVANCE OF YIELD SIGN (SIMMONS RD NORTHBOUND)



DIAGRAMMATIC ADVANCE DESTINATION GUIDE SIGN
SIZE: 60"W X 48"H
TEXT: 4" B SERIES (WHITE)
BACKGROUND: GREEN

NOTE: AN ADVANCE DIAGRAMMATIC SIGN HAS NOT BEEN SHOWN FOR FAIRWOOD HILLS DRIVE DUE TO THE RESIDENTIAL NATURE OF THIS AREA. LIMITED SPACE FOR THIS SIGN AND DRIVER FAMILIARITY ALONG THIS ROUTE IS VERY HIGH

ADVANCE SIGNING

TO BE PLACED 150' IN ADVANCE OF YIELD SIGN (TYPICAL EACH LEG)



YIELD AHEAD SIGN (W3-2) (30" x 30")

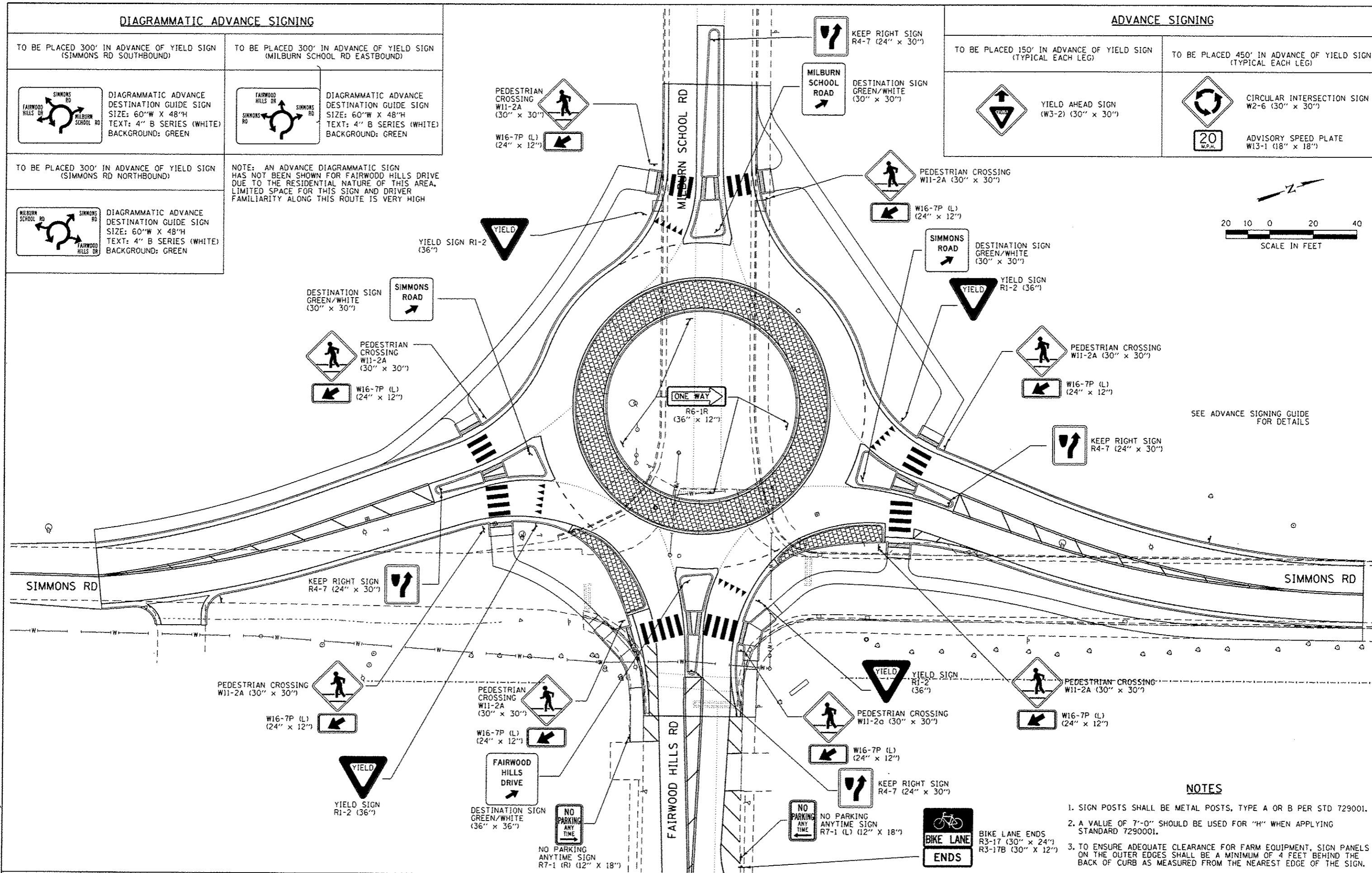
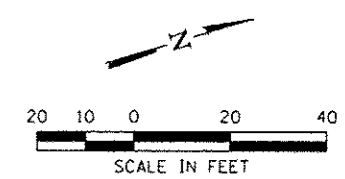
TO BE PLACED 450' IN ADVANCE OF YIELD SIGN (TYPICAL EACH LEG)



CIRCULAR INTERSECTION SIGN W2-6 (30" x 30")



ADVISORY SPEED PLATE W13-1 (18" x 18")



SEE ADVANCE SIGNING GUIDE FOR DETAILS

NOTES

- SIGN POSTS SHALL BE METAL POSTS, TYPE A OR B PER STD 729001.
- A VALUE OF 7'-0" SHOULD BE USED FOR "H" WHEN APPLYING STANDARD 729001.
- TO ENSURE ADEQUATE CLEARANCE FOR FARM EQUIPMENT, SIGN PANELS ON THE OUTER EDGES SHALL BE A MINIMUM OF 4 FEET BEHIND THE BACK OF CURB AS MEASURED FROM THE NEAREST EDGE OF THE SIGN.

LAST SAVED : 10/27/2015
 PEN TABLE : 09-Hof-Job
 PLOT DRIVER : pdfplotdriver.exe

FILE NAME : I:\223610-Simmons\Cad\T\Plans\22_08976\01-Sht-Sign-01.dgn	USER NAME : bachmidt	DESIGNED : -	REVISED : -
PLOT SCALE : 40.0000' / 1"	CHECKED : -	REVISOR : -	REVISOR : -
PLOT DATE : 10/5/2015 11:47:43 AM	DATE : -	REVISOR : -	REVISOR : -



SIGNING DETAILS	
SCALE: 1"=20'	SHEET NO. 1 OF 4 SHEETS
STA. _____	TO STA. _____

F.A.U. 9170/9148	
SIMMONS / MILBURN SCHOOL ROADS	
SECTION 12-00059-04-PV	
CONTRACT 97601	
TOTAL SHEETS: 53	SHEET NO.: 33

SIGN DETAIL

BORDER
R=2.25"
TH=0.5"



SIGN NUMBER	name
WIDTH x HGHT.	2'-6" x 2'-6"
BORDER WIDTH	0.5"
CORNER RADIUS	2.25"
MOUNTING	Ground
SIGN AREA	6.3 Sq.Ft.
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	10.9	4.4	6	9

LETTER POSITIONS (X)								LENGTH SERIES/SIZE									
S	I	M	M	O	N	S											D 2000
3.6	7	8.6	12.6	16.6	20.4	23.8											22.9
R	O	A	D														D 2000
8.3	11.6	15	19														13.4

Dimensions are in inches.tenths

Letter locations are paneledge to lower left corner

LAST SAVED : 10/3/2015
PEN TABLE : v9i-hs17.tbl
PLOT DRIVER : adfENLDRIVERSb.pclr19

SIGN DETAIL

BORDER
R=2.25"
TH=0.5"



SIGN NUMBER	name
WIDTH x HGHT.	2'-6" x 3'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	2.25"
MOUNTING	Overhead
SIGN AREA	7.5 Sq.Ft.
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	10.9	2.4	6	9

LETTER POSITIONS (X)							LENGTH SERIES/SIZE				
M	I	L	B	U	R	N					D 2000
4	8.1	9.7	12.8	16.2	19.9	23.3					22
S	C	H	O	O	L						D 2000
4.8	8.2	11.8	15.4	19	22.7						20.4
R	O	A	D								D 2000
8.3	11.6	15	19								13.4

Dimensions are in inches, tenths Letter locations are paneledge to lower left corner

LAST SAVED : 10/3/2015
 PEN TABLE : 18-Half.tbl
 PLOT DRIVER : pdfplotter.exe

FILE NAME : h:\223610-Simmons\Cad\T1_Plan\23_089701-Sht-Sign-R2.dgn	USER NAME : bschmidt	DESIGNED -	REVISED -
PLOT SCALE : 1.0000 / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE : 10/5/2015 11:47:44 AM	DATE -	REVISED -	REVISED -



SIGNING DETAILS			
SCALE: NTS	SHEET NO. 2 OF 6 SHEETS	STA.	TO STA.

F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS	53	35
SECTION 12-00059-04-PV		
CONTRACT 97601		

SIGN DETAIL

BORDER
R=2.75"
TH=0.5"



SIGN NUMBER	name
WIDTH x HGHT.	3'-0" x 3'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	2.75"
MOUNTING	Overhead
SIGN AREA	9.0 Sq.Ft.
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	13.6	2.4	6	9

LETTER POSITIONS (X)										LENGTH SERIES/SIZE										
F	A	I	R	W	O	O	D													D 2000
5.3	8	12	13.6	16.6	20.7	24.3	28.1													25.5
H	I	L	L	S																D 2000
11.1	14.8	16.4	19.4	22.2																13.9
D	R	I	V	E																D 2000
10.6	14.2	17.6	18.8	22.5																14.4

Dimensions are in inches.tenths

Letter locations are paneledge to lower left corner

LAST SAVED : 10/7/2010
 PEN TABLE : 10/4/2010
 PLOT DRIVER : pspicplottersby...

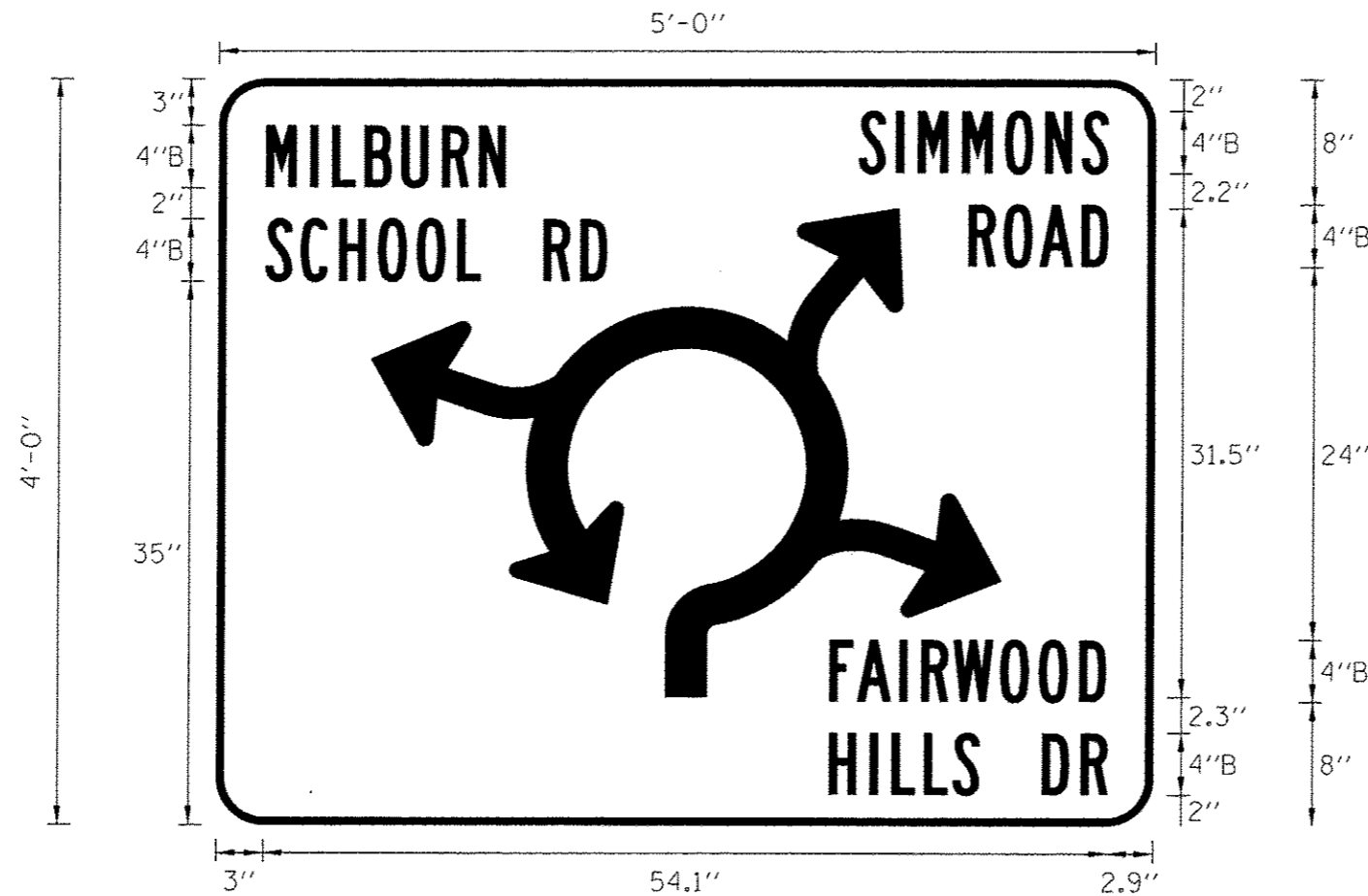
FILE NAME :	USER NAME : bachmidt	DESIGNED -	REVISED -
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PLOT SCALE : 1:10000 ' / in.		CHECKED -	REVISED -
PLOT DATE : 10/5/2010 11:47:44 AM		DATE -	REVISED -



SIGNING DETAILS			
SCALE: NTS	SHEET NO. 3 OF 6 SHEETS	STA.	TO STA.

F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS	53	36
SECTION 12-00059-04-PV		
CONTRACT 97601		

SIGN DETAIL
 BORDER
 R=3"
 TH=0.5"



SIGN NUMBER	name
WIDTH x HGHT.	5'-0" x 4'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	3"
MOUNTING	Overhead
SIGN AREA	20.0 Sq.Ft.
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	X	Y	WID	HT
simmons NB	9.8	8.3	31.5	40.4

LETTER POSITIONS (X)										LENGTH SERIES/SIZE		
M	I	L	B	U	R	N						B 2000
3	5.8	7.2	9.3	11.7	14.3	16.6						15.4
S	I	M	M	O	N	S						B 2000
41	43.4	44.8	47.6	50.3	52.9	55.3						16
S	C	H	O	O	L	R	D					B 2000
3	5.2	7.7	10.2	12.7	15.3	16.8	20.8	23.2				21.9
R	O	A	D									B 2000
48.1	50.3	52.6	55.3									9
F	A	I	R	W	O	O	D					B 2000
39.3	41	43.8	45.2	47.2	50.2	52.7	55.3					17.7
H	I	L	L	S		D	R					B 2000
39.3	41.9	43.3	45.4	47.2	48.9	52.9	55.4					17.8

Dimensions are in inches.tenths

Letter locations are paneledge to lower left corner

LAST SAVED : 10/2/2015
 PEN TABLE : NA-HAIF-451
 PLOT DRIVER : pdfplotter32-bit.ctb

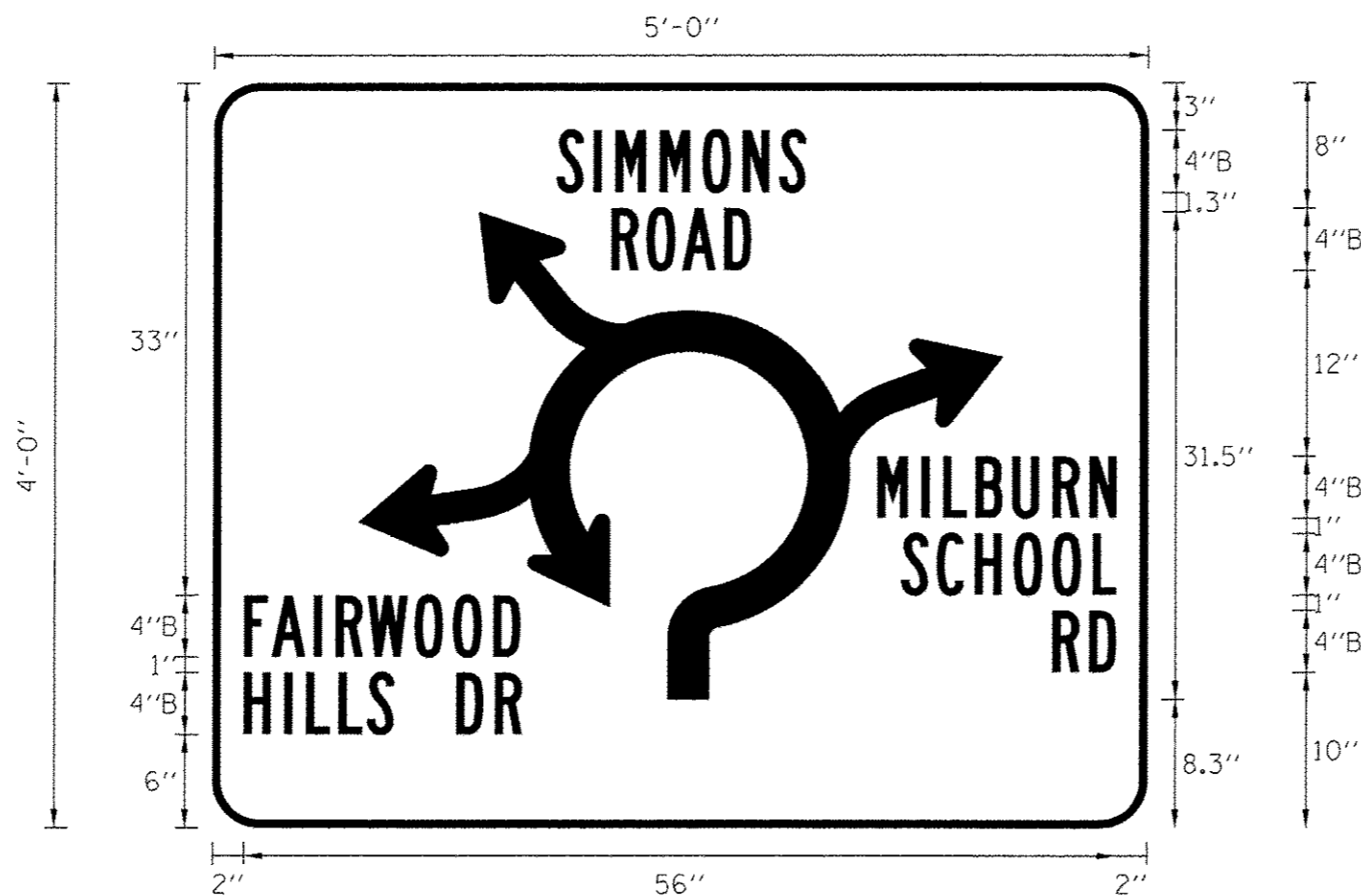
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PLOT SCALE : 1.0000 ' / in.		CHECKED -	REVISED -
PLOT DATE : 10/5/2015 11:47:45 AM		DATE -	REVISED -



SIGNING DETAILS			
SCALE: NTS	SHEET NO. 4 OF 6 SHEETS	STA.	TO STA.

F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS		53	37
SECTION 12-00059-04-PV			
CONTRACT 97601			

SIGN DETAIL
 BORDER
 R=3"
 TH=0.5"



SIGN NUMBER	name
WIDTH x HGHT.	5'-0" x 4'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	3"
MOUNTING	Overhead
SIGN AREA	20.0 Sq.Ft.
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	X	Y	WID	HT
simmons SB	9.3	8.3	31.5	41.3

LETTER POSITIONS (X)														LENGTH SERIES/SIZE			
S	I	M	M	O	N	S											B 2000
22	24.4	25.8	28.6	31.3	33.9	36.3											16
R	O	A	D														B 2000
25.5	27.8	30.1	32.8														9
M	I	L	B	U	R	N											B 2000
42.7	45.5	46.9	49	51.3	53.9	56.3											15.4
S	C	H	O	O	L												B 2000
44.2	46.5	48.9	51.4	53.9	56.5												13.8
F	A	I	R	W	O	O	D										B 2000
2	3.8	6.5	7.9	9.9	12.9	15.4	18										17.7
R	D																B 2000
53.9	56.3																4.1
H	I	L	L	S		D	R										B 2000
2	4.6	6	8.1	9.9	11.6	15.6	18.1										17.9

Dimensions are in inches,tenths

Letter locations are paneledge to lower left corner

LAST SAVED : 10/21/2015
 PLOT FILE : 10-14-15.rsl
 PLOT USER : bpschmidt

FILE NAME : D:\1223610-Simmons\Cad\TA_Plans\23.0897801-Sht-Sign-02.dgn	USER NAME : bpschmidt	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

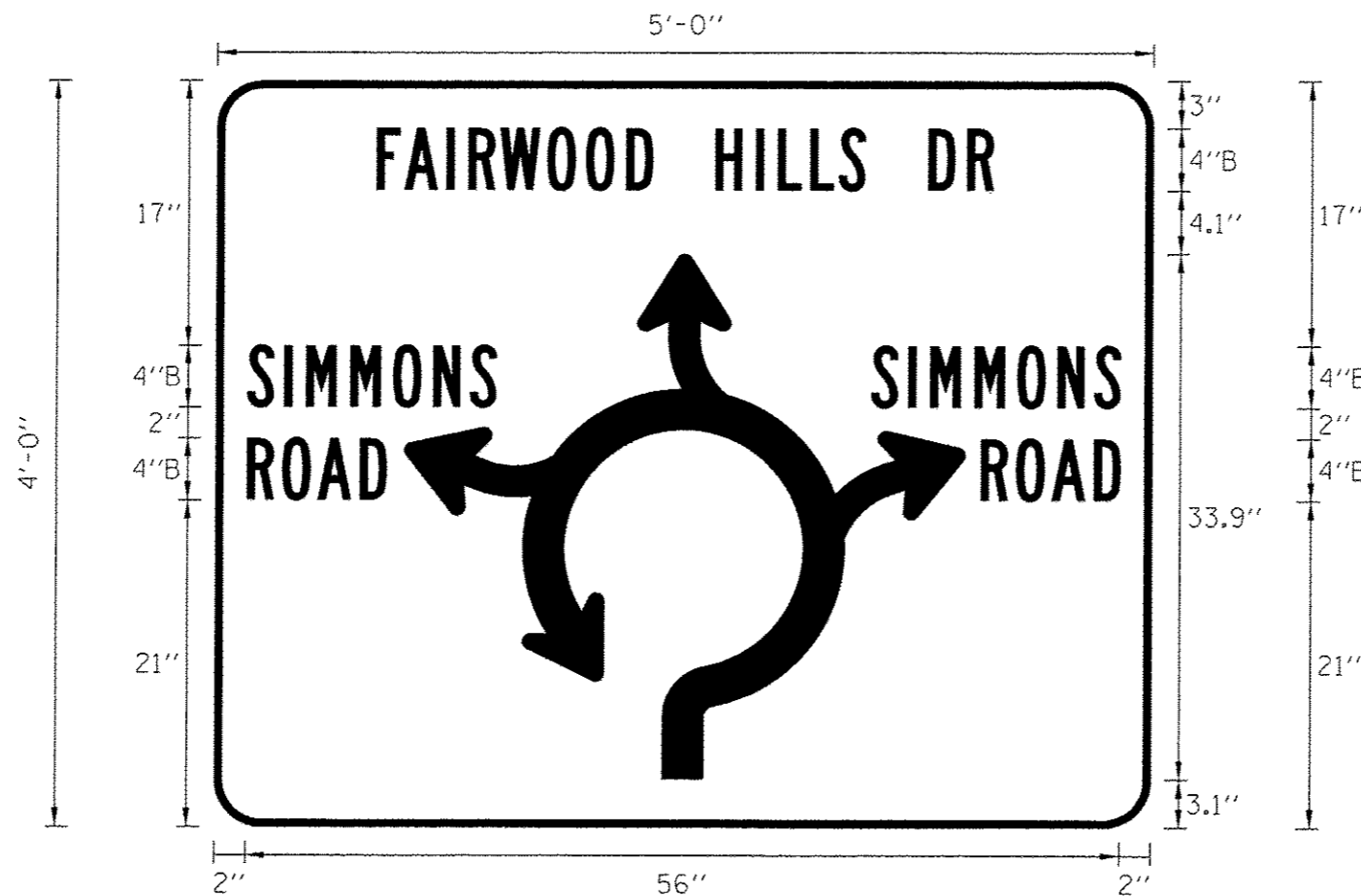
HORNER & SHIFRIN, INC
 ENGINEERS
 www.HornerShifrin.com

Fallon
 ILLINOIS

SIGNING DETAILS			
SCALE: NTS	SHEET NO. 5 OF 6 SHEETS	STA.	TO STA.

F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS	53	38
SECTION 12-00059-04-PV		
CONTRACT 97601		

SIGN DETAIL
 BORDER
 R=3"
 TH=0.5"



SIGN NUMBER	name
WIDTH x HGT.	5'-0" x 4'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	3"
MOUNTING	Overhead
SIGN AREA	20.0 Sq.Ft.
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	X	Y	WID	HT
Porter EB	12.1	3.1	33.9	36

LETTER POSITIONS (X)																LENGTH SERIES/SIZE				
F	A	I	R	W	O	O	D		H	I	L	L	S		D	R				B 2000
10.2	12	14.7	16.1	18.2	21.2	23.6	26.2	28	32	34.6	36	38	39.9	41.6	45.6	48.1				39.6
S	I	M	M	O	N	S														B 2000
2	4.4	5.8	8.6	11.3	13.9	16.3														16
S	I	M	M	O	N	S														B 2000
42	44.4	45.8	48.6	51.3	53.9	56.3														16
R	O	A	D																	B 2000
2	4.2	6.5	9.2																	9
R	O	A	D																	B 2000
49.1	51.3	53.6	56.3																	9

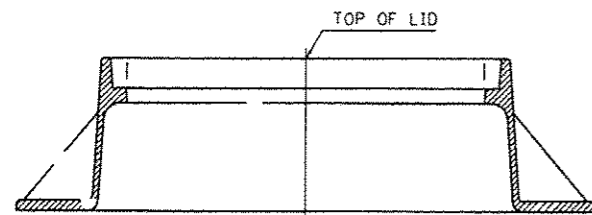
LAST SAVED : 10/2/2015
 PEN TABLE : WPA-HATE-A1
 PLOT DRIVER : pdfENCL01VERS5b.ctb

FILE NAME :	USER NAME : lschmidt	DESIGNED :	REVISED :
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PLOT SCALE : 1.0000' / 1"		CHECKED :	REVISED :
PLOT DATE : 10/5/2015 11:47:45 AM		DATE :	REVISED :

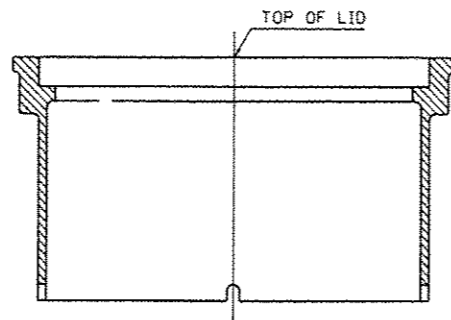


SIGNING DETAILS			
SCALE: NTS	SHEET NO. 6 OF 6 SHEETS	STA.	TO STA.

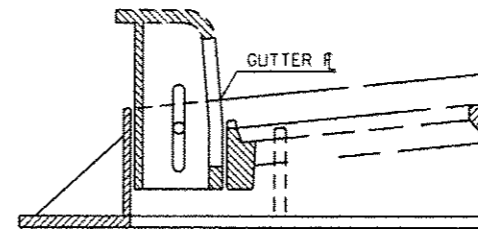
F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS	53	39
SECTION 12-00059-04-PV		
CONTRACT 97601		



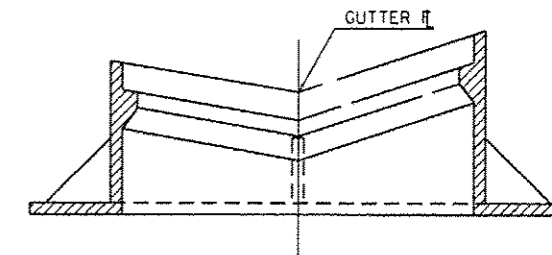
FRAME & LID
(TYPE 1)



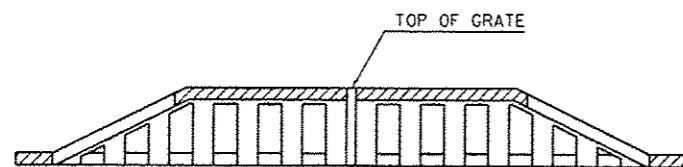
BASE, FRAME & LID
(TYPE 5)



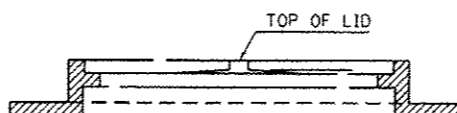
FRAME & GRATE
(TYPE 3, 3V, 4, 6, 11,
11V, 12, 20, 21, 22, 24)



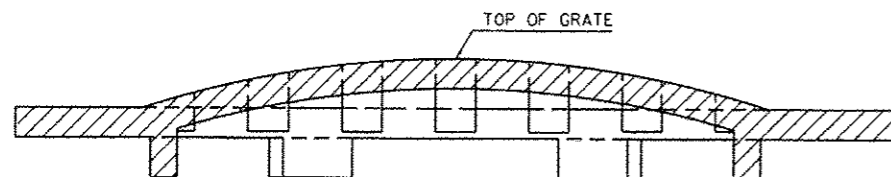
FRAME & GRATE
(TYPE 9 & 10)



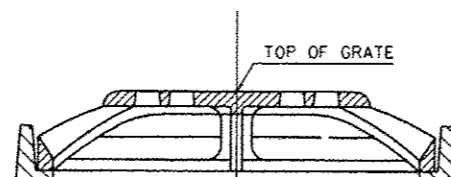
GRATE
(TYPE 7)



FRAME & LID
(TYPE 15)



GRATE
(TYPE 8)



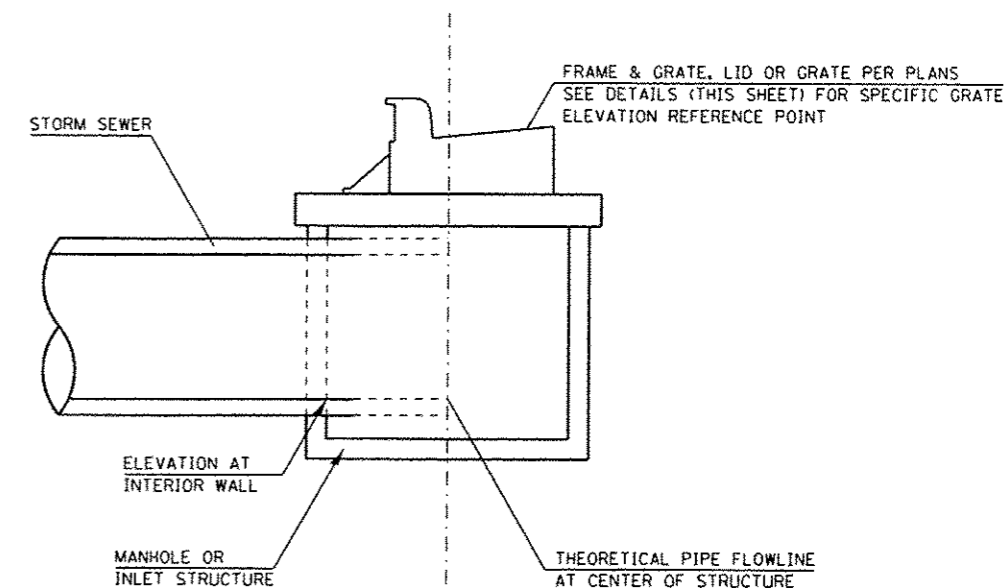
MEDIAN INLET
(TYPE 604101 & 604106)

NOTE:

INLET FLOW LINES SHOWN ON PLANS ARE THE THEORETICAL INTERSECTION POINT BETWEEN FLOW LINES OF THE INCOMING PIPES. CARE SHOULD BE TAKEN TO ENSURE THAT THE STRUCTURE IS INSTALLED/CONSTRUCTED CORRECTLY TO ALLOW FOR PIPE THICKNESS.

INLET OFFSET IS MEASURED TO THE FLOWLINE OF THE GUTTER.

PIPE LENGTHS & GRADES LISTED ARE FROM C-C OF STRUCTURES.



INLET / MANHOLE DETAIL

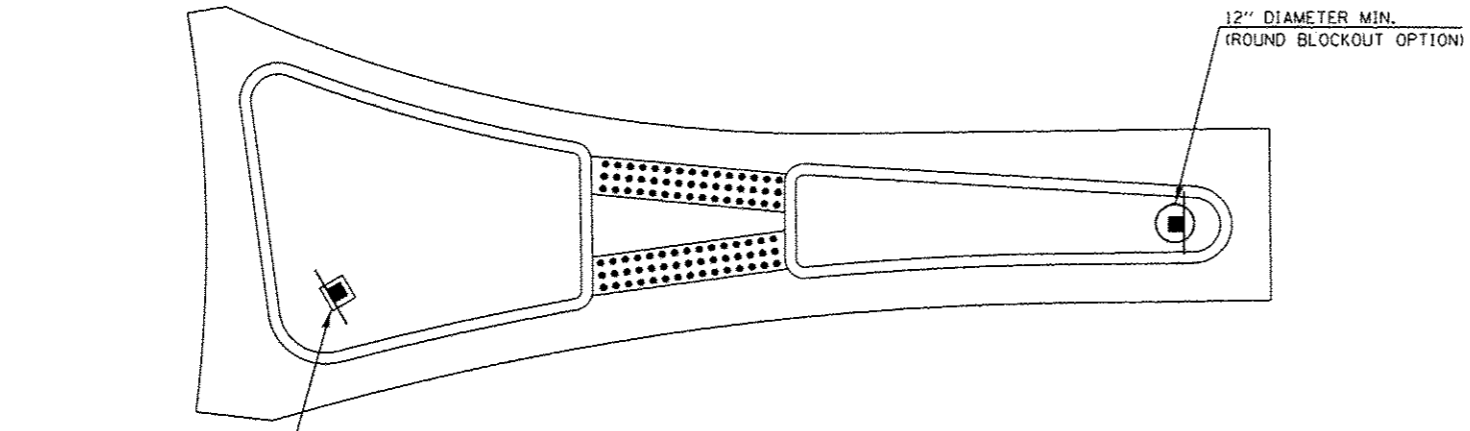
LAST SAVED : 10/2/2015 11:47:46 AM
 PLOT DRIVER : PLOTDRIVER.bat

FILE NAME =	USER NAME = bachmidt	DESIGNED =	REVISED =
I:\2223618-Simmons\Cad\TV_Plane\24_0897801-Shr-Detail.dgn		DRAWN =	REVISED =
		CHECKED =	REVISED =
		DATE =	REVISED =

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 ENGINEERS
 www.HornerShifrin.com

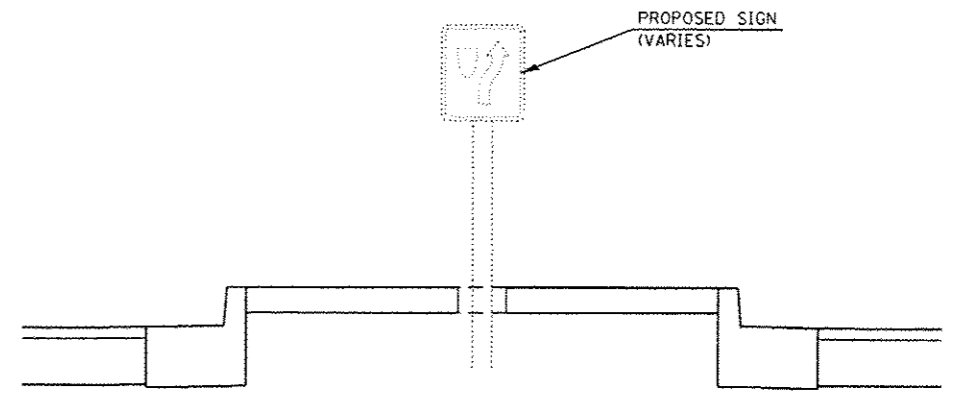
Fallon
 ILLINOIS

DETAILS		F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
SCALE: 1"=20'		SIMMONS / MILBURN SCHOOL ROADS		53	40
SHEET NO. 1 OF 3 SHEETS		SECTION 12-00059-04-PV			
STA. TO STA.		CONTRACT 97601			



18" X 18" MINIMUM
(SQUARE BLOCKOUT OPTION)

**SIGN POST BLOCKOUT
(SPLITTER ISLAND)**
NTS



PROFILE VIEW
NTS

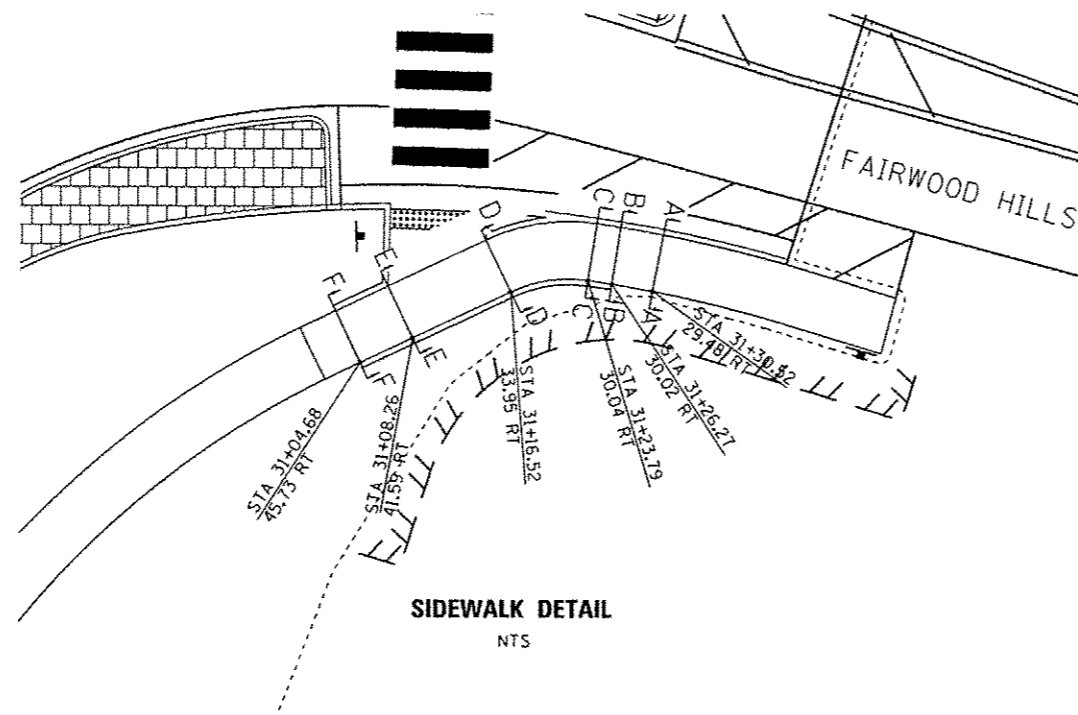
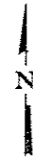
LAST SAVED : 10/3/2015
 PEN TABLE : 98-Hall.tbl
 PLOT DRIVER : pdmplotersbvwletc1g

FILE NAME :	USER NAME : bschmidt	DESIGNED -	REVISED -
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PLOT SCALE : 40.0000' / 1in.		CHECKED -	REVISED -
PLOT DATE : 10/5/2015 11:47:46 AM		DATE -	REVISED -

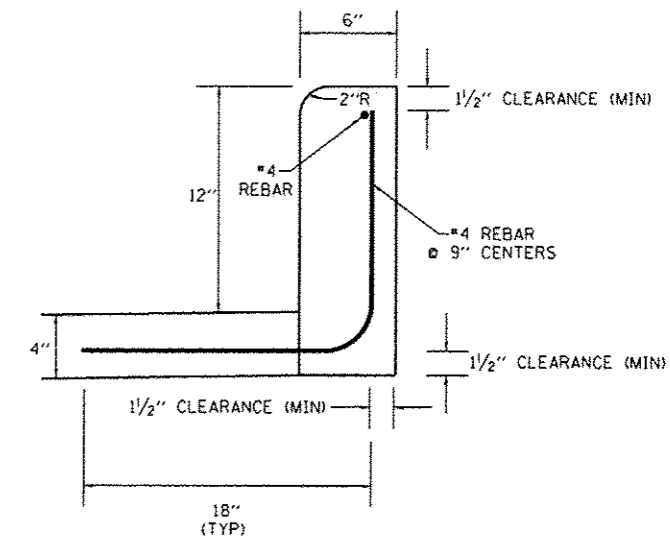


DETAILS			
SCALE: 1"=20'	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.

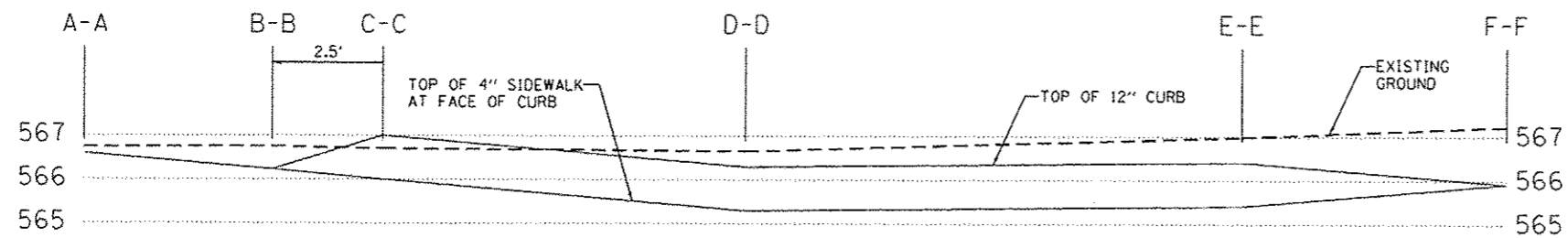
F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS	53	41
SECTION 12-00059-04-PV		
CONTRACT 97601		



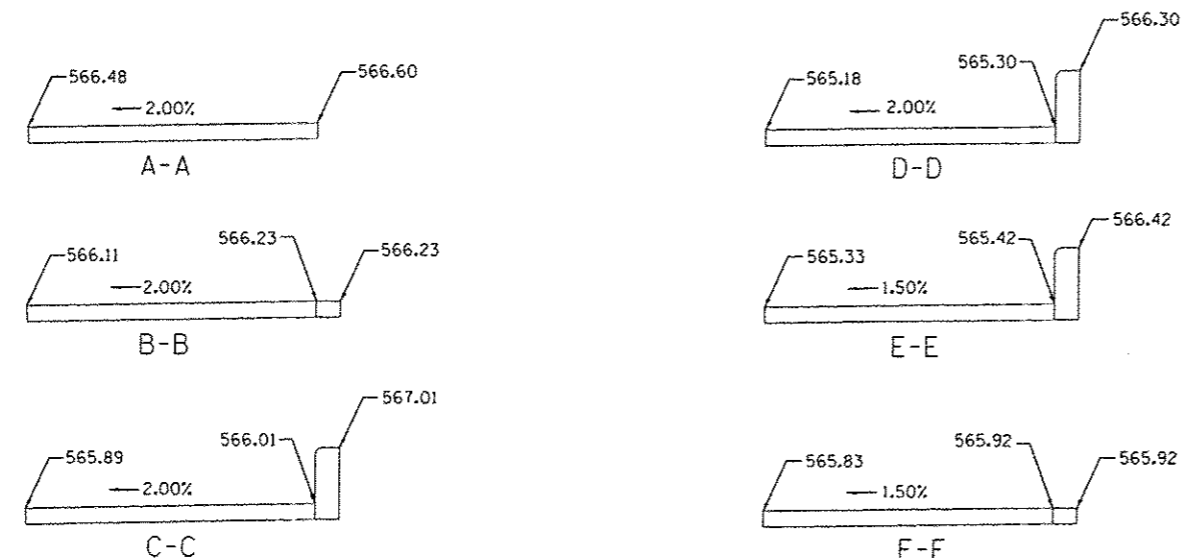
SIDWALK DETAIL
NTS



REINFORCING DETAIL
NTS



SIDWALK PROFILE VIEW
NTS



SIDWALK SECTION VIEW
NTS

LAST SAVED : 10/9/2015 10:47:17 AM
 PLOT DATE : 10/9/2015 11:47:17 AM
 PLOT DRIVER : PLOTDRIVER\$=alter.fg

FILE NAME : J:\2223610-Simmons\Cad\1\Plans\24_089701-Sht-Details.dgn	USER NAME : bachmidt	DESIGNED -	REVISED -
PLOT SCALE : 40.0000' / 1" =	DATE : 10/9/2015 11:47:17 AM	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -



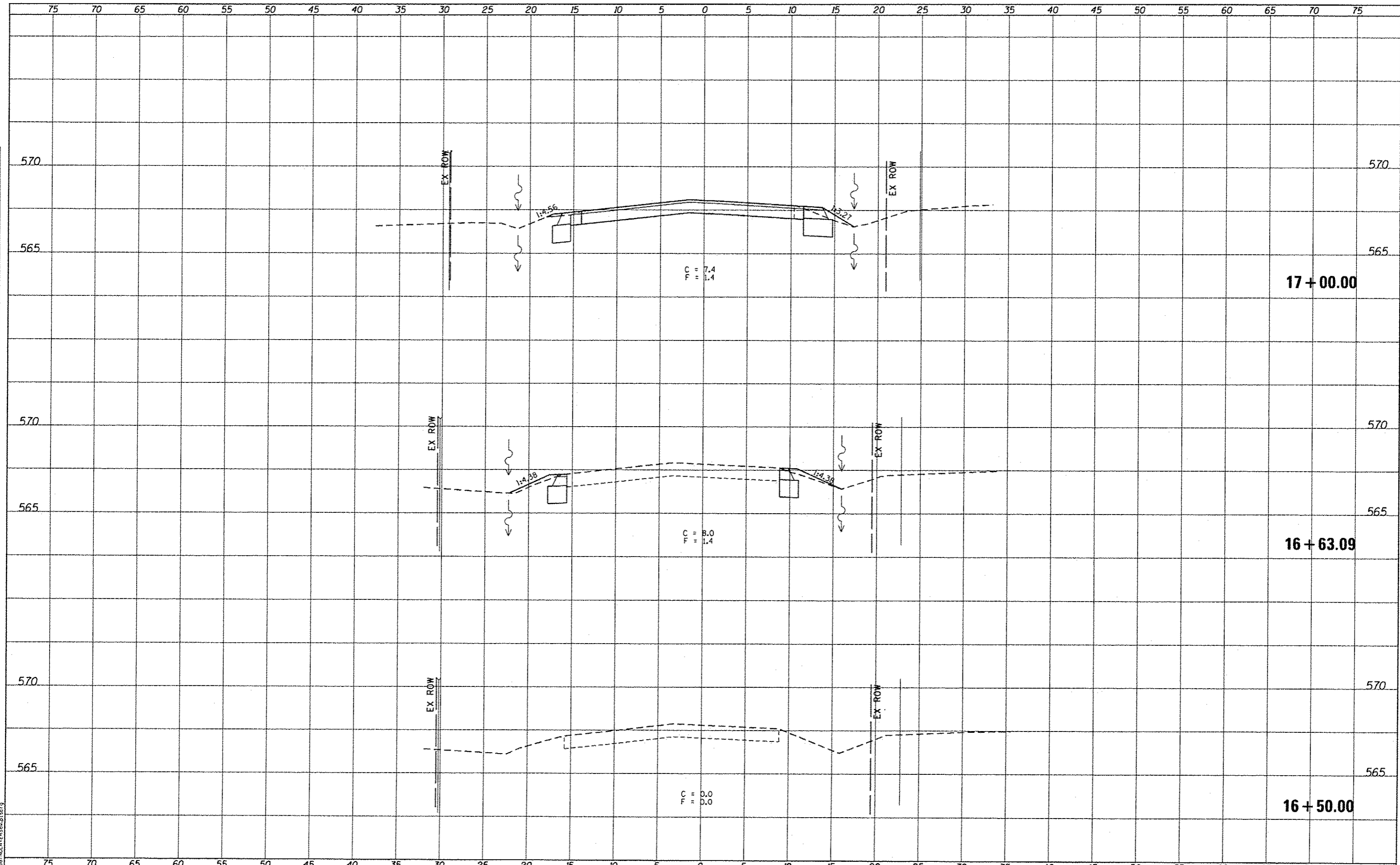
DETAILS	
SCALE: 1"=20'	SHEET NO. 3 OF 3 SHEETS
STA.	TO STA.

F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS	53	42
SECTION 12-00059-04-PV		
CONTRACT 97601		

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

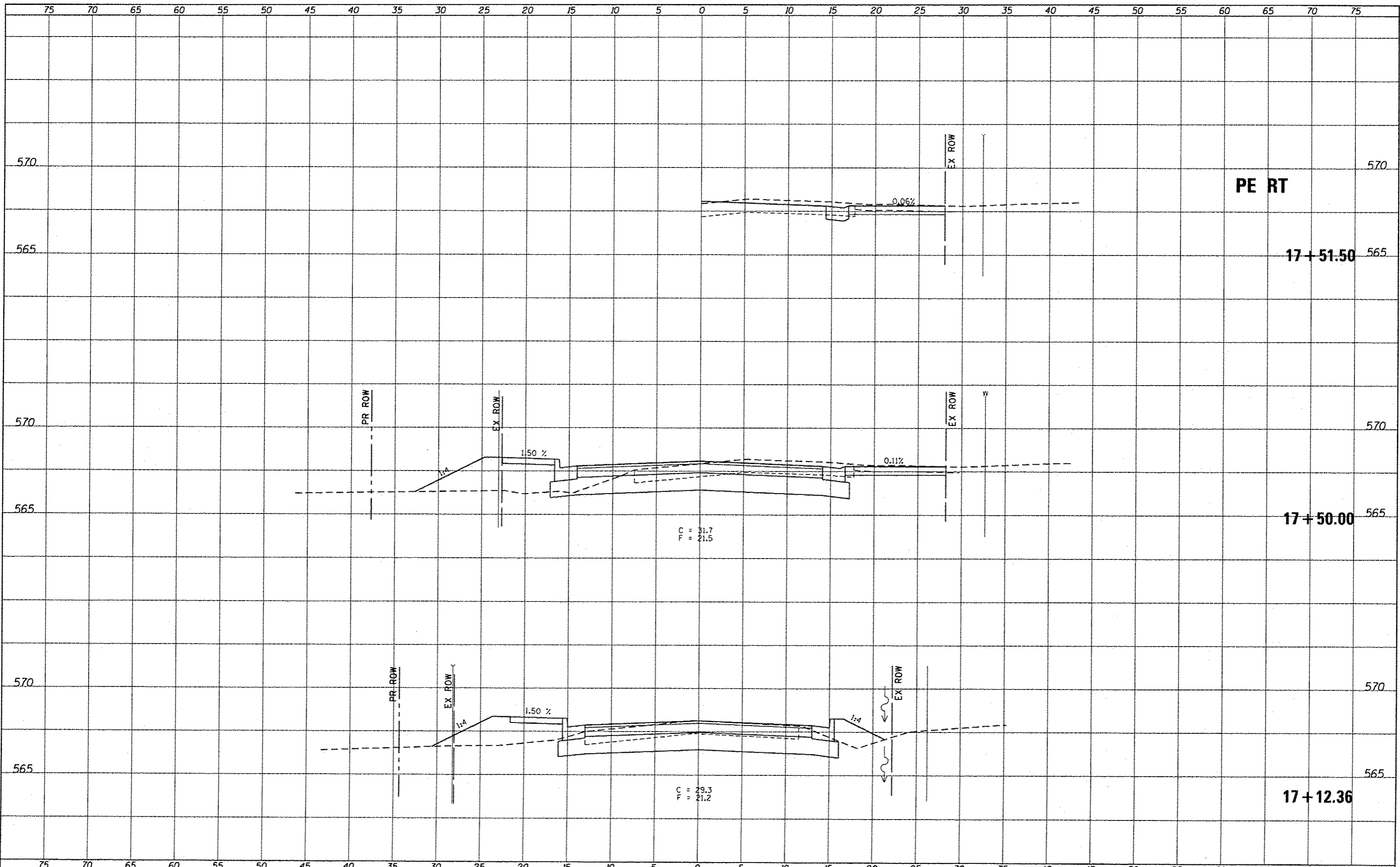
LAST SAVED = 10/23/2015
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 PLOT DRIVER = pdfnolayersbop.tbl



FILE NAME = I:\223610-Simmons\Cad\11_Plans\25_D897601-Sht-15-Simmons-S.dgn	USER NAME = bachmidt	DESIGNED -	REVISED -			CROSS SECTIONS SIMMONS ROAD (SOUTH)		F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -	SIMMONS / MILBURN SCHOOL ROADS					53	43		
PLOT DATE = 10/25/2015 11:47:47 AM	DRAWN -	REVISED -	SECTION 12-00059-04-PV								
	CHECKED -	REVISED -	CONTRACT 97601								
SCALE:						SHEET NO. 1 OF 3 SHEETS		STA. 16+50.00 TO STA. 17+00.00			

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	



PE RT

17 + 51.50

17 + 50.00

17 + 12.36

PC = 31.7
PI = 21.5

C = 29.3
PI = 21.2

LAST SAVED = 10/3/2015 10:16:17 AM
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PLOT DRIVER = pdmplotrvb.plt

FILE NAME =	I:\223610-Simmons\Cad\T\Plans\25.0897601-Sht-5-Simmons-5.dgn
USER NAME =	bschmidt
DESIGNED -	REVISD -
CHECKED -	REVISD -
DRAWN -	REVISD -
PLT DATE = 10/5/2015 11:47:40 AM	CHECKED -
	REVISD -

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

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CHECKED -	REVISD -
DRAWN -	REVISD -
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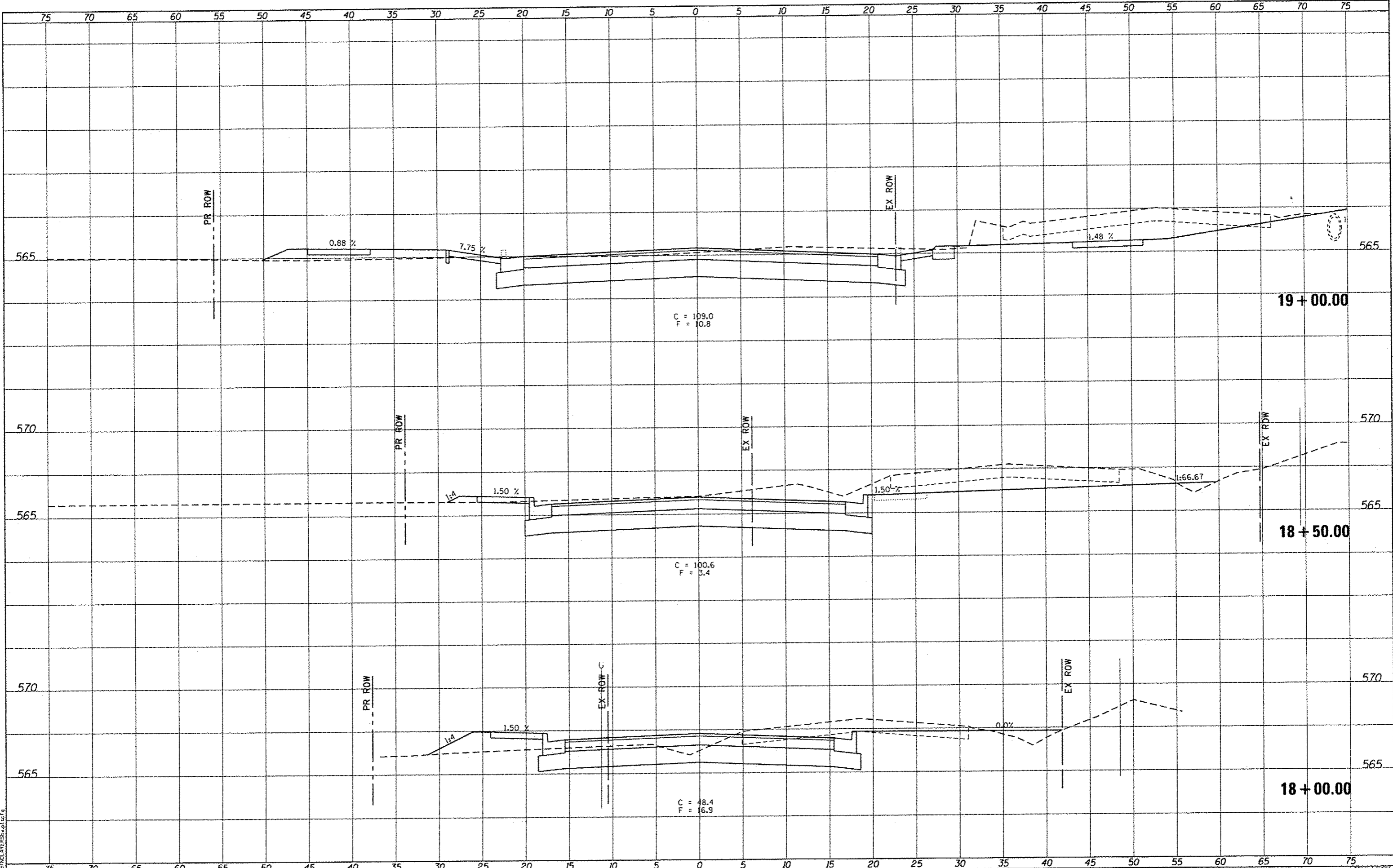
DESIGNED -	REVISD -
CHECKED -	REVISD -
DRAWN -	REVISD -
PLT DATE = 10/5/2015 11:47:40 AM	CHECKED -
	REVISD -

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CROSS SECTIONS			
SIMMONS / MILBURN SCHOOL ROADS (SOUTH)			
SCALE:	SHEET NO. 2 OF 3 SHEETS	STA. 17+12.36	TO STA. 17+51.50

F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS		53	44
SECTION 12-00059-04-PV			
CONTRACT 97601			



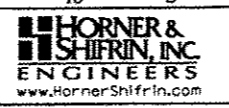
DATE	
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SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL	
SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

LAST SAVED : 10/27/2015 11:47:18 AM
 PLOT DRIVER : p:\plotters\p12g

FILE NAME : I:\223610-Simmons\Cad\TA_Plane\25_0897681-Sh1-Simmons-S.dgn
 PLOT SCALE : 10.0000 / in.
 PLOT DATE : 10/25/2015 11:47:18 AM

USER NAME : bschmidt	DESIGNED -	REVISED -
45-Simmons-S.dgn	CHECKED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -

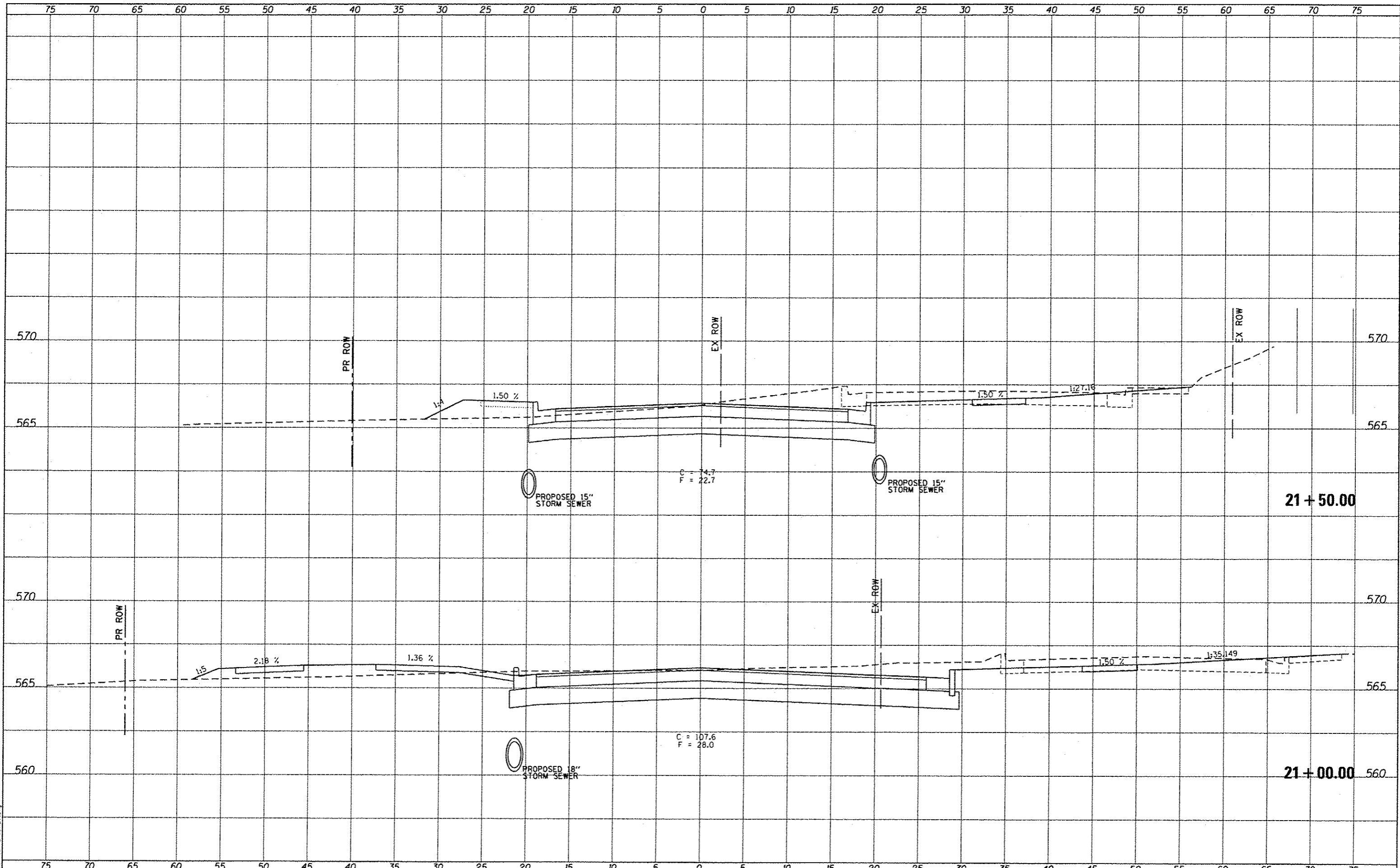


CROSS SECTIONS	
SIMMONS ROAD (SOUTH)	
SCALE:	SHEET NO. 3 OF 3 SHEETS
STA. 18+00.00 TO STA. 19+00.00	

F.A.U. 9170/9148	
SIMMONS / MILBURN SCHOOL ROADS	
SECTION 12-00059-04-PV	
CONTRACT 97601	
TOTAL SHEETS	NO.
53	45

DATE	
BY	
SAVED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SAVED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



LAST SAVED = 10/3/2015
 PEN TABLE = VBI-Half.tbl
 PLOT DRIVER = pdfplotterbplc19

FILE NAME = J:\223618-Simmons\Cad\TX_Plans\26_0897601-SN-
 USER NAME = bschmidt

DESIGNED -	REVISED -
CHECKED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
PLOT SCALE = 1/8" = 1' / 1"	
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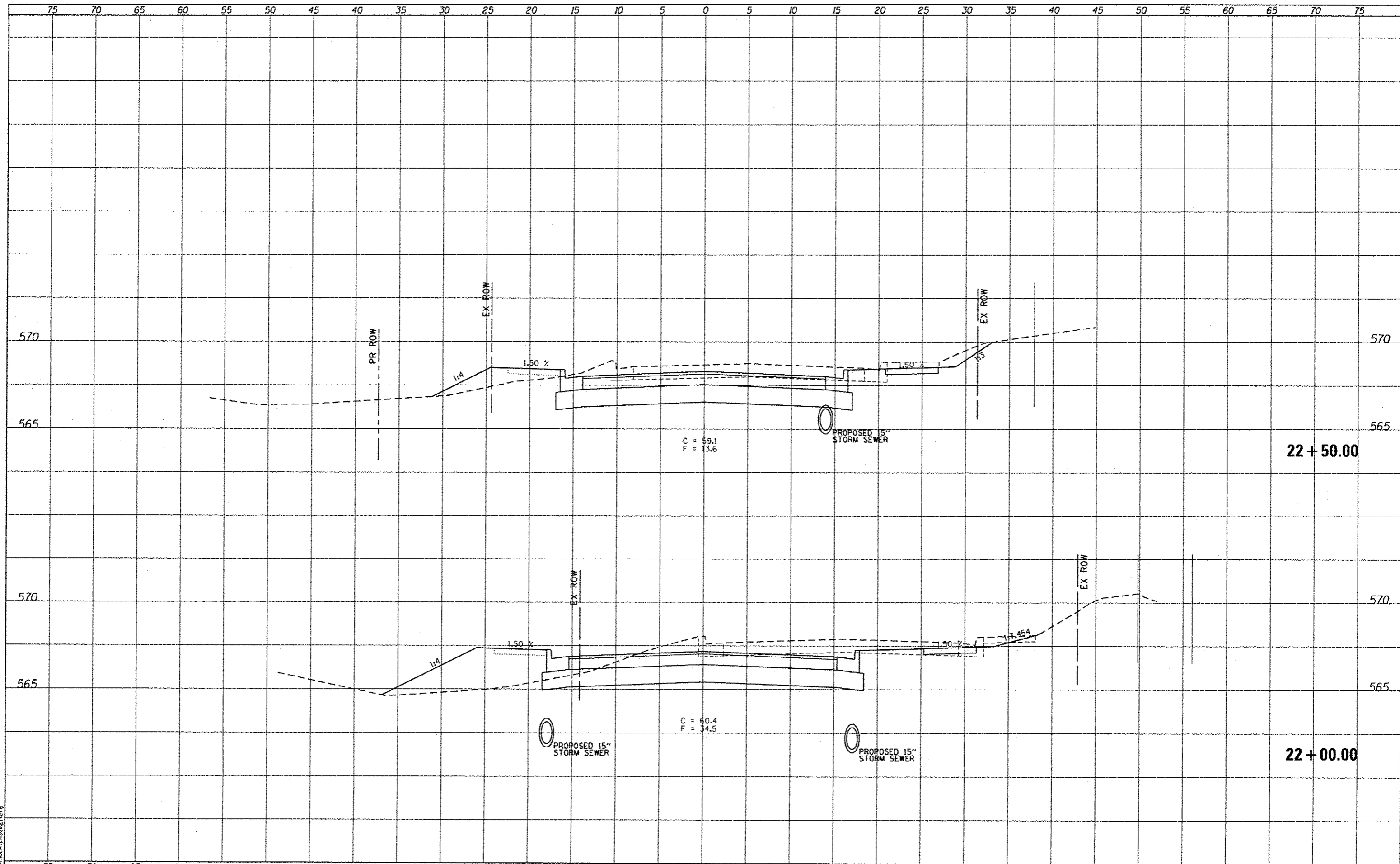


CROSS SECTIONS
 SIMMONS ROAD (NORTH)
 SCALE: SHEET NO. 1 OF 4 SHEETS STA. 21+00.00 TO STA. 21+50.00

F.A.U. 9170/9148
 SIMMONS / MILBURN SCHOOL ROADS 53 | 46
 SECTION 12-00059-04-PV
 CONTRACT 97601

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	



LAST SAVED : 10/23/2015
 PEN TABLE : V8-H01E-H01
 PLOT DRIVER : pdm21.plt

FILE NAME :	11\223610-Simmons\Cad\T.V.Plans\26.0897601-Sh1
USER NAME :	bschmidt
DESIGNED :	-
CHECKED :	-
DRAWN :	-
PLotted DATE :	10/23/2015 11:47:49 AM

USER NAME :	bschmidt
DESIGNED :	-
CHECKED :	-
DRAWN :	-
PLotted DATE :	10/23/2015 11:47:49 AM

DESIGNED :	-
CHECKED :	-
DRAWN :	-
PLotted DATE :	10/23/2015 11:47:49 AM

REVISIED :	-
REVISIED :	-
REVISIED :	-
REVISIED :	-



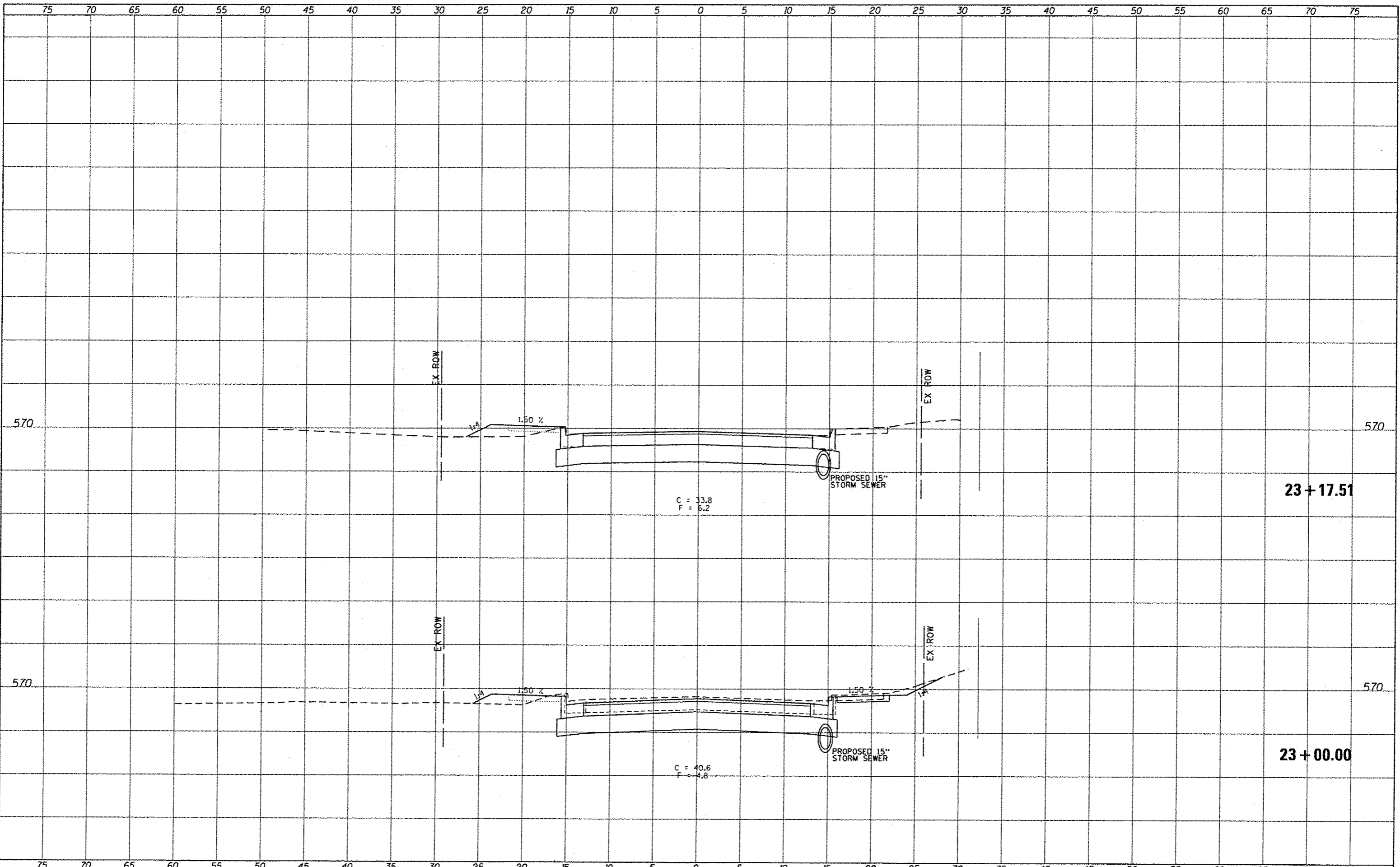
CROSS SECTIONS
 SIMMONS ROAD (NORTH)

SCALE: SHEET NO. 2 OF 4 SHEETS STA. 22+00.00 TO STA. 22+50.00

F.A.U. 9170/9148		TOTAL SHEETS	53	SHEET NO.	47
SIMMONS / MILBURN SCHOOL ROADS		SECTION 12-00059-04-PV			
CONTRACT 97601					

DATE	
BY	
SURVEY	
PLotted	
TEMP. A/E	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL	
SURVEY	
PLotted	
TEMP. A/E	
AREAS	
CHECKED	
NO.	



LAST REVISED: 10/3/2015
 DESIGNED BY: [Name]
 PLOT DATE: 10/5/2015 11:47:49 AM

FILE NAME	1:\223618-Simmons\Cad\1\Plane\25.D897681-Sh...
USER NAME	bachmidt
DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

USER NAME	bachmidt
DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

DESIGNED	-
CHECKED	-
DRAWN	-
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DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

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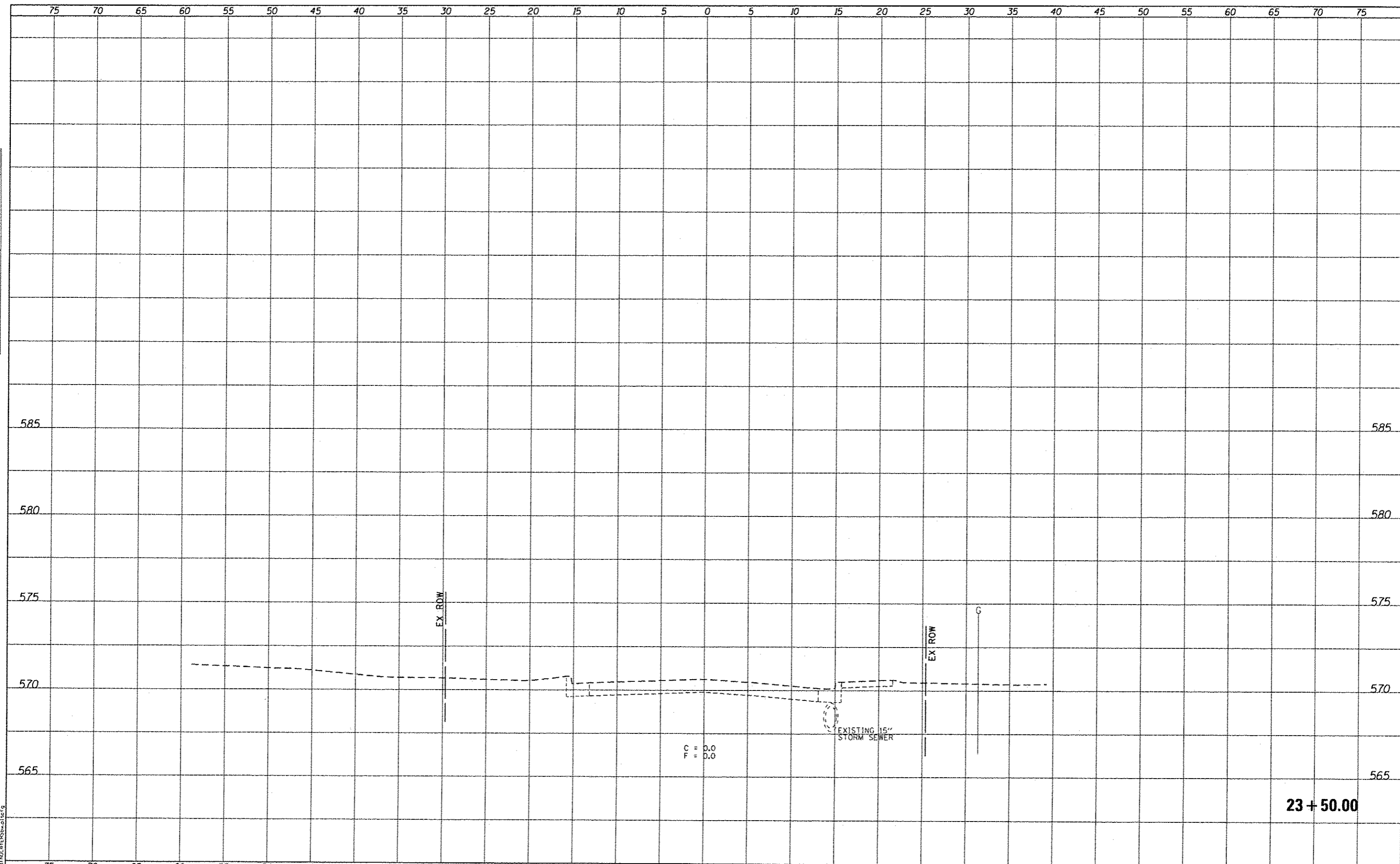


CROSS SECTIONS		
SIMMONS ROAD (NORTH)		
SCALE:	SHEET NO. 3 OF 4 SHEETS	STA. 23+00.00 TO STA. 23+17.51

F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS		53	48
SECTION 12-00059-04-PV			
CONTRACT 97601			

DATE	
BY	
ORIGINAL SURVEY	
SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEY	
NOTE BOOK	
NO.	



C = 0.0
F = 0.0

23 + 50.00

LAST SAVED : 10/2/2015 11:47:50 AM
PEN TABLE : PEN TABLE
PLOT DRIVER : PLOT DRIVER

FILE NAME : J:\1223610-Simmons\Cad\1\Plans\26.D897601-Sh...	USER NAME : bschmidt	DESIGNED -	REVISED -
	KS-Simmons-N.dgn	CHECKED -	REVISED -
	PLOT SCALE : 10.0000 / 1"	DRAWN -	REVISED -
	PLOT DATE : 10/5/2015 11:47:50 AM	CHECKED -	REVISED -



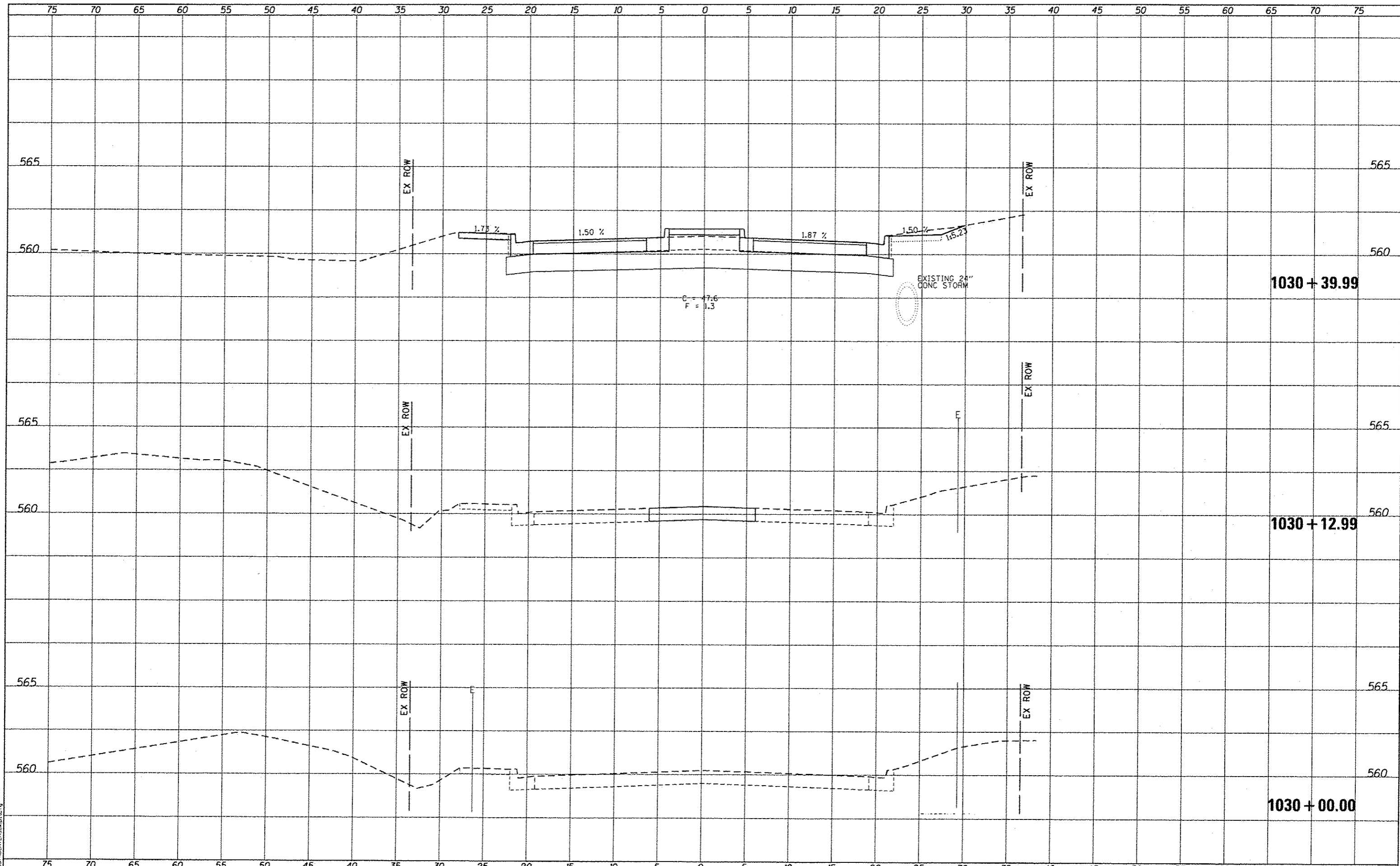
CROSS SECTIONS		
SIMMONS ROAD (NORTH)		
SCALE:	SHEET NO. 4 OF 4 SHEETS	STA. 23+50.00 TO STA. 23+50.00

F.A.U. 9170/9148		TOTAL SHEETS	SHEET NO.
SIMMONS / MILBURN SCHOOL ROADS		53	49
SECTION 12-00059-04-PV			
CONTRACT 97601			

DATE	
BY	
SURVEYED	
PROTOTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
BY	
SURVEYED	
PROTOTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

LAST SAVED : 10/3/2015
 PEN TABLE : 10-10-11-11
 PLOT DRIVER : pdfnolayers.plt/19



FILE NAME :
 USER NAME : bschmidt
 DESIGNED -
 CHECKED -
 DRAWN -
 CHECKED -
 PLOT DATE : 10/5/2015 11:47:50 AM

DESIGNED -	REVISED -
CHECKED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -

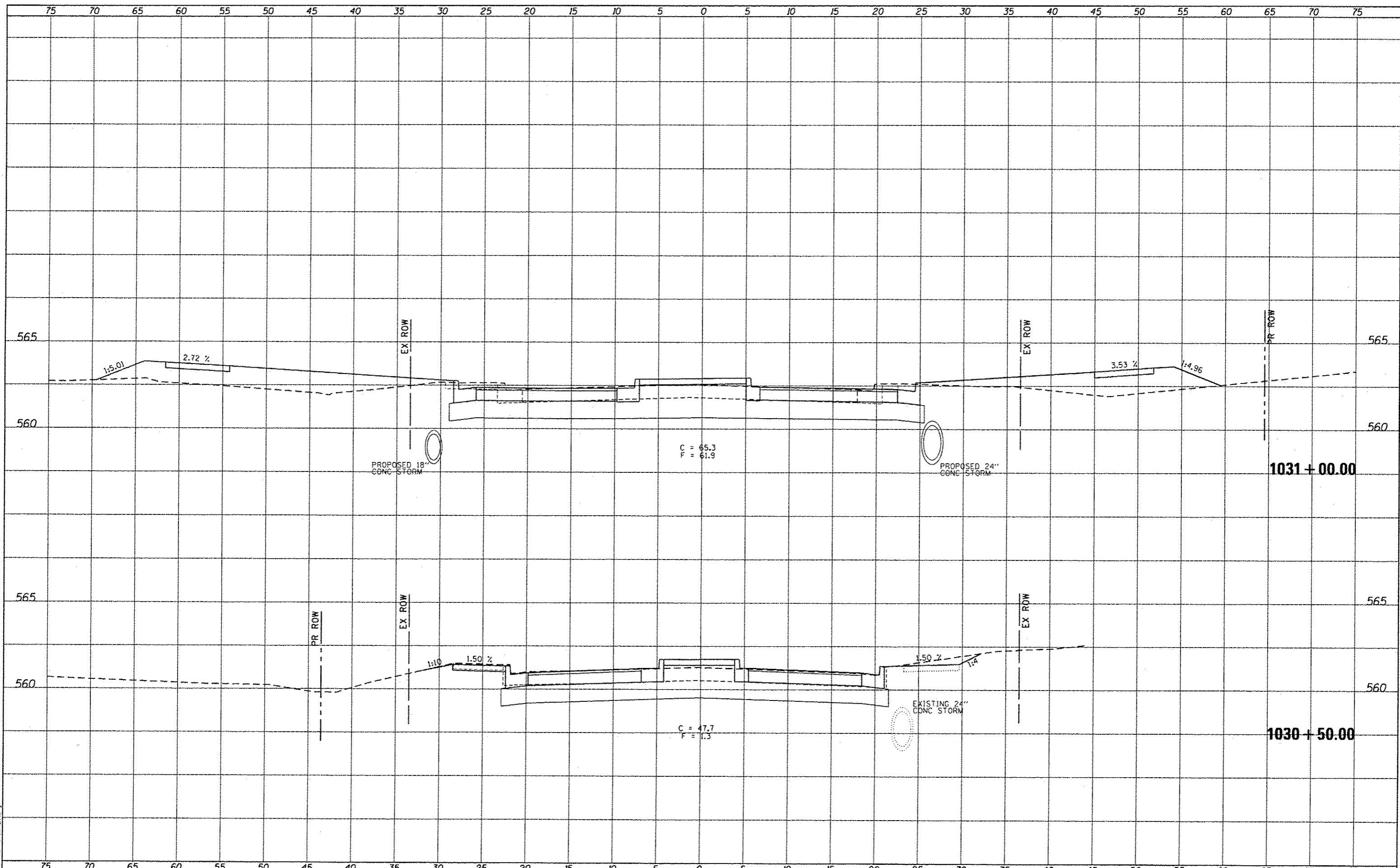


CROSS SECTIONS
 MILBURN SCHOOL ROADS
 SCALE: SHEET NO. 1 OF 2 SHEETS STA. 1030+00.00 TO STA. 1030+39.99

F.A.U. 9170/9148
 SIMMONS / MILBURN SCHOOL ROADS
 SECTION 12-00059-04-PV
 CONTRACT 97601

DATE	
BY	
SURVEYED	
PLOTTED	
REPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
REPLATE	
NOTE BOOK	
AREAS CHECKED	



LAST SAVED = 10/23/2015
 PEN TABLE = VB-Hot1.rvt
 PLOT DRIVER = pdfplotlayerbop1.rtg

FILE NAME = J:\1223618-Simmons\Cad\1_Plane\27_0897601-Sht-
 USER NAME = bschmidt
 K5-Milburn.dgn
 PLOT SCALE = 1/8" = 1'-0"
 PLOT DATE = 10/5/2015 11:47:51 AM

DESIGNED -	REVISED -
CHECKED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -



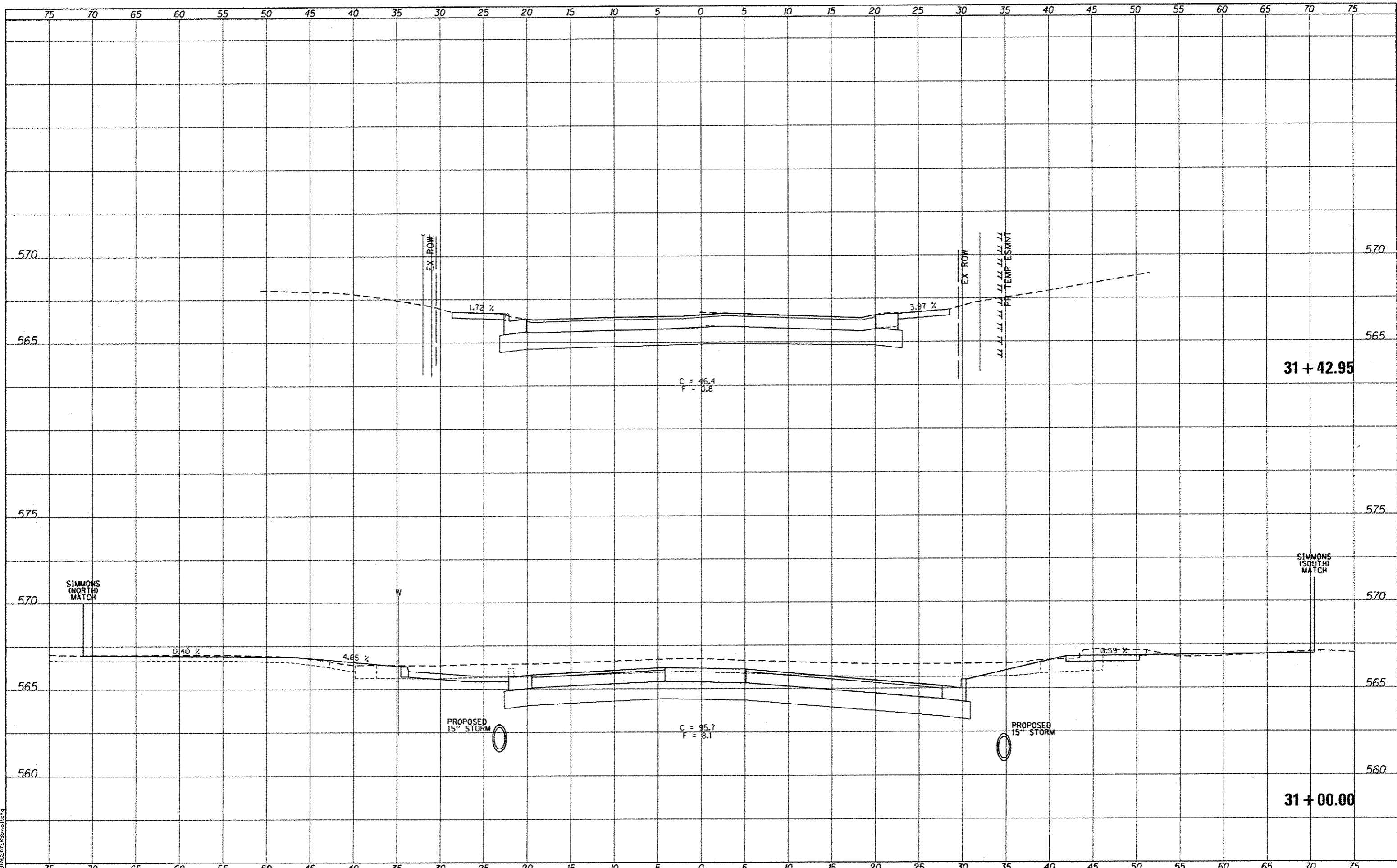
CROSS SECTIONS
 MILBURN SCHOOL ROAD
 SCALE: SHEET NO. 1 OF 2 SHEETS STA. 1030+50.00 TO STA. 1031+00.00

F.A.U. 9170/9148
 SIMMONS / MILBURN SCHOOL ROADS
 SECTION 12-00059-04-PV
 CONTRACT 97601
 TOTAL SHEETS 53 SHEET NO. 51

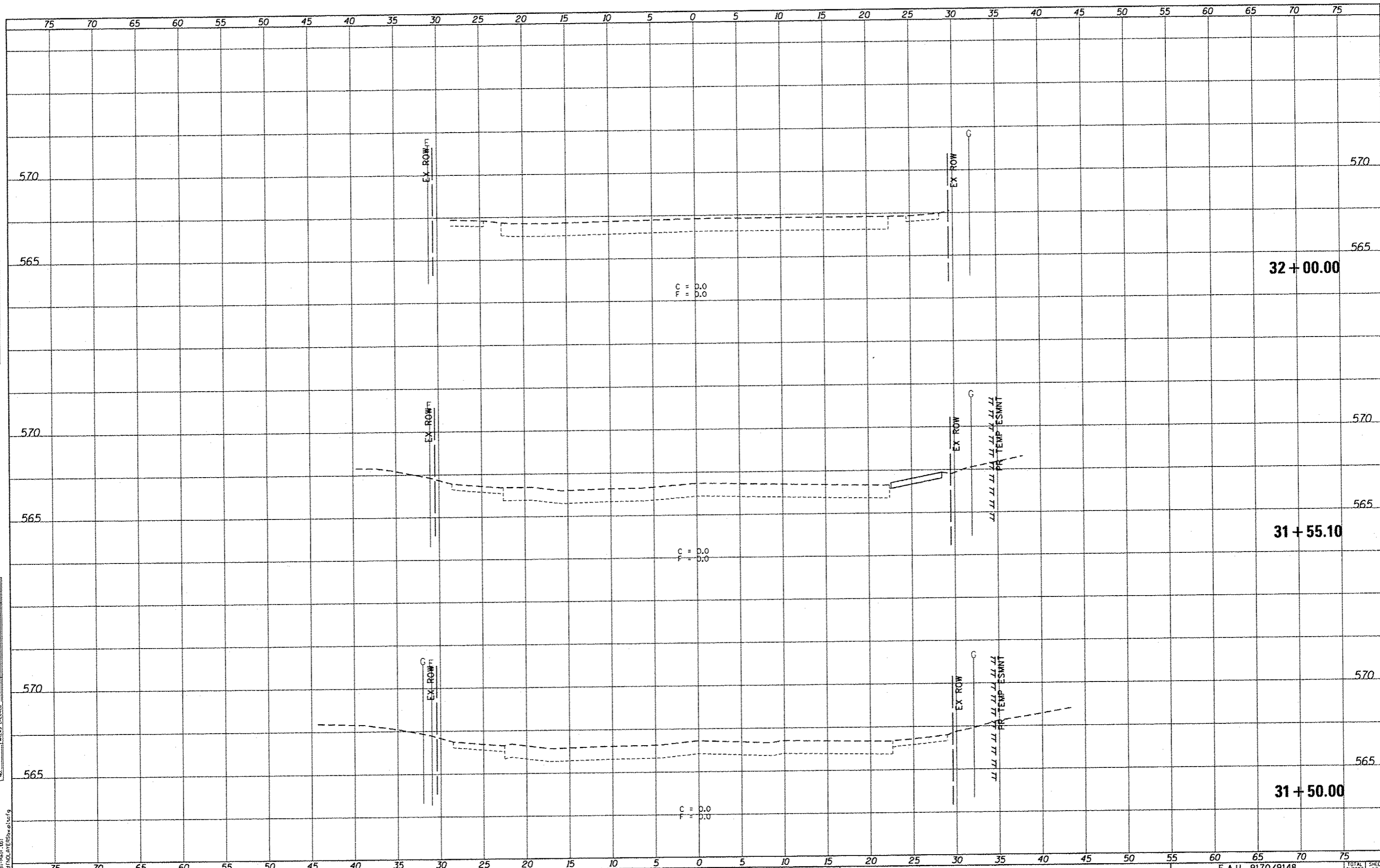
DATE	
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DESIGNED	
CHECKED	
DRAWN	
PLotted	
REVISIONS	
NO.	

DATE	
BY	
DESIGNED	
CHECKED	
DRAWN	
PLotted	
REVISIONS	
NO.	

LAST SAVED : 10/22/2015
 PEN TABLE : W:\H\HIT\AN
 PLOT DRIVER : papplotlayers=plot.ctb



FILE NAME : H:\223610-Simmons\Cad\T\Plans\28.D097601-Sht-15-Fairwood.dgn	USER NAME : bschmidt	DESIGNED -	REVISED -			CROSS SECTIONS		F.A.U. 9170/9148	TOTAL SHEETS	SHEET NO.
PLLOT SCALE : 18.0000' / 1" =	PLLOT DATE : 10/5/2015 11:47:51 AM	CHECKED -	REVISED -			FAIRWOOD HILLS DRIVE	SIMMONS / MILBURN SCHOOL ROADS	53	52	
		DRAWN -	REVISED -			SCALE:	SECTION 12-00059-04-PV			
		CHECKED -	REVISED -			SHEET NO. 1 OF 2 SHEETS	CONTRACT 97601			



DATE	
BY	
FINAL SURVEY	
NOTED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

LAST SAVED : 10/12/2015
 PEN TABLE : vb-hout.tbl
 PLOT DRIVER : pdfplotter.exe

FILE NAME :	J:\1223610-Simmons\Cad\T\Plans\28_0897601-Sht
USER NAME :	bachmidt
DESIGNED :	
CHECKED :	
DRAWN :	
REVISIONS :	
PLOT SCALE :	1/8"=1'-0"
PLOT DATE :	10/15/2015

DESIGNED :	
CHECKED :	
DRAWN :	
REVISIONS :	

DESIGNED :	
CHECKED :	
DRAWN :	
REVISIONS :	

DESIGNED :	
CHECKED :	
DRAWN :	
REVISIONS :	

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CROSS SECTIONS
 FAIRWOOD HILLS DRIVE
 SCALE: SHEET NO. 2 OF 2 SHEETS STA. 31+50.00 TO STA. 32+00.00

F.A.U. 9170/9148	TOTAL SHEETS	53	SHEET NO.	53
SIMMONS / MILBURN SCHOOL ROADS	SECTION 12-00059-04-PV			
CONTRACT 97601				