

01-18-2019 LETTING ITEM 152

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 711	14-00127-00-RS	FAYETTE	26	1
FED. ROAD DIST. NO.		ILLINOIS CONTRACT NO. 95842		

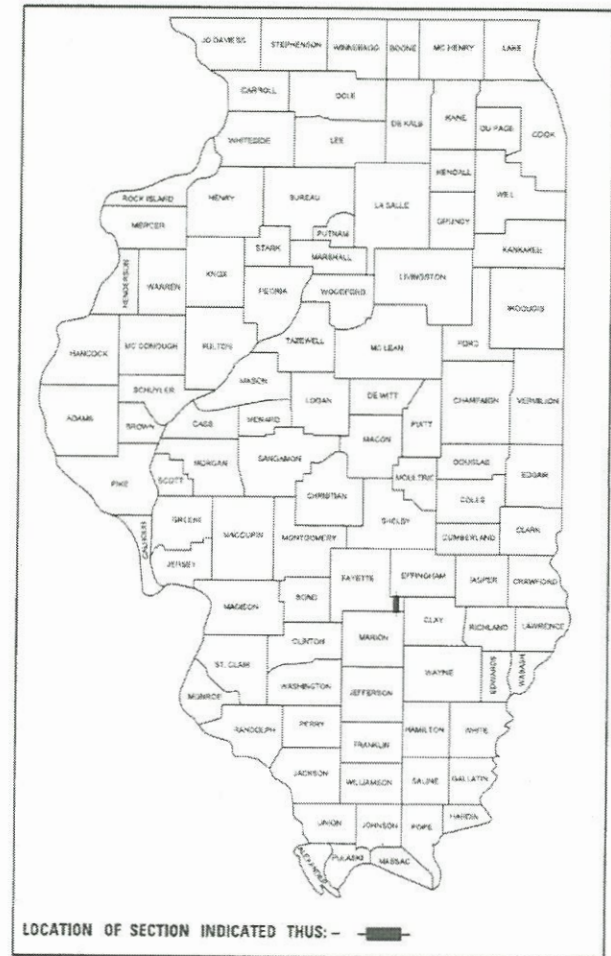
INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	HIGHWAY STANDARDS AND GENERAL NOTES
3.	SUMMARY OF QUANTITIES
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5.	TYPICAL CROSS SECTIONS
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10.	ENTRANCE DETAIL
11.	INTERSECTION DETAIL
12.	PLAN AND PROFILE
13-16.	CULVERT PLANS
17-26.	STATION CROSS SECTIONS

FOR HIGHWAY STANDARDS SEE SHT. 2

PLANS FOR PROPOSED
SURFACE TRANSPORTATION PROGRAM
RESURFACING PROJECT

FAYETTE COUNTY
F.A.S. 711 / C.H. 28 / ALTAMONT ROAD
SECTION 14-00127-00-RS
RESURFACING
PROJECT IZA4(317)
JOB C-97-019-19

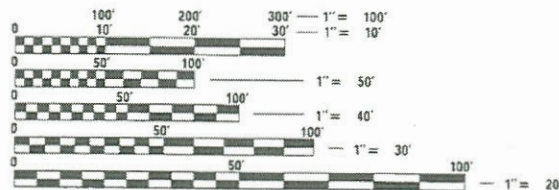


UTILITIES

SOUTHWESTERN ELECTRIC CO-OP
525 US ROUTE 40
GREENVILLE, IL 62246
ATTENTION ENGINEERING DEPARTMENT

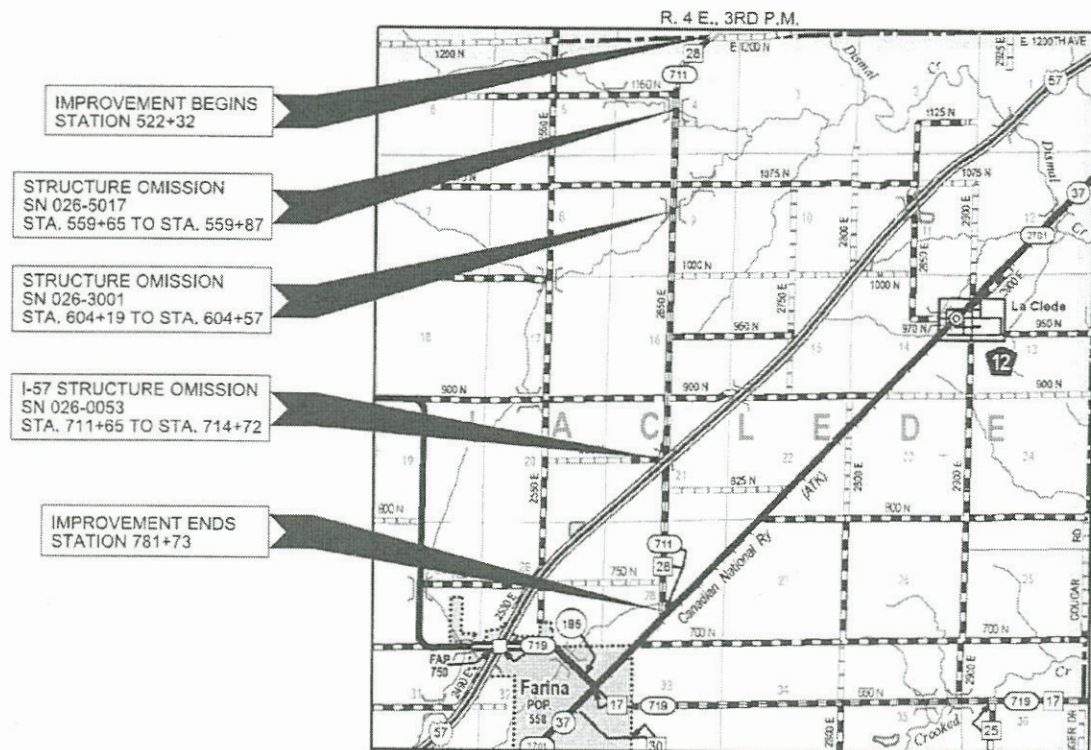
NORTHEAST MARION COUNTY WATER
5329 KINMUNDY ROAD
SALEM, IL 62881
ATTENTION WALLY COX.

FRONTIER COMMUNICATIONS
801 W. JACKSON STREET
ALTAMONT, IL 62411
ATTENTION ENGINEERING DEPARTMENT



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.

FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
DESIGN SPEED: 50 MPH
DESIGN TRAFFIC: 750 (2019)



LOCATION MAP

APPROXIMATE SCALE: 0 1 MILE
NET LENGTH OF SECTION = 25,574 FEET = 4.85 MILES
TOTAL LENGTH OF SECTION = 25,941 FEET = 4.91 MILES
OMISSIONS: 367 FEET = 0.07 MILES



WARNING

CALL 811
BEFORE YOU DIG
DIG NO: A1702716

ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED 11-19-18

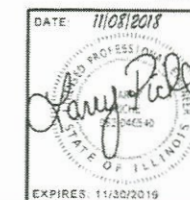
W. J. Smith
COUNTY ENGINEER

PASSED 11-20-18

Sophia
DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS

Revising For: 11-20-18
Limited Review: *Jeffrey M. Southy*
REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



HAMPTON, LENZINI AND RENWICK, INC.
CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
217.546.3400 www.hlrengineering.com

HIGHWAY STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-09 PAVEMENT JOINTS
- 420101-06 24' (7.2M) JOINTED PCC PAVEMENT
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
- 442201-03 CLASS C AND D PATCHES
- 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
- 701336-07 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
- 701901-08 TRAFFIC CONTROL DEVICES
- 725001-01 OBJECT AND TERMINAL MARKERS
- 780001-05 TYPICAL PAVEMENT MARKINGS
- BLR21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
- BLR24-2 MAILBOX TURNOUT FOR LOCAL ROADS

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED APRIL 1, 2016," THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
2. THE ROAD SHALL BE OPEN TO TRAFFIC AT ALL TIMES EXCEPT AS DISCUSSED IN THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING COSTRUCTION OF THE PROJECT.
3. THE ELEVATIONS SHOWN ON THE PLANS ARE AN ASSUMED DATUM AND ARE NOT U.S.G.S. DATUM.
4. THE LOCATION OF EXISTING GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT OR PROTECTION IS NECESSARY.
6. ALL EXCAVATED MATERIAL FROM THE PROJECT MAY BE USED IN THE PROPOSED EMBANKMENT AT THE APPROVAL OF THE ENGINEER.
7. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

STONE RIPRAP CLASS A4 (SPECIAL)	1.8 TON/CU.YD.
AGGREGATE SURFACE AND BASE COURSES	2.05 TON/CU.YD.
HOT-MIX ASPHALT	112 LBS/SQ.YD./INCH THICKNESS
AGGREGATE WEDGE SHOULDER, TYPE B	2.05 TON/CU.YD.
RAP	1.6 TON/CU.YD.

BITUMINOUS MATERIALS RATES

SURFACE TYPE	RESIDUAL RATE
MILLED HMA OR PCC (TACK COAT)	0.05 LB/SQ FT
EXISTING PAVEMENT (TACK COAT)	0.05 LB/SQ FT
BETWEEN LIFTS (TACK COAT)	0.025 LB/SQ FT

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	CONSTRUCTION CODE 0005	
		UNIT	TOTAL
20400800	FURNISHED EXCAVATION	CU YD	315
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	84
28000305	TEMPORARY DITCH CHECKS	FOOT	200
31101200	SUBBASE GRANULAR MATERIAL, TYPE B, 4"	SQ YD	905
^ 40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	41,846
^ 40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	4,399
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	122
40600990	TEMPORARY RAMP	SQ YD	124
^ 40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	5,207
^ 40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	99
^ 42000060	WELDED WIRE REINFORCEMENT	SQ YD	783
^ 42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	783
44000100	PAVEMENT REMOVAL	SQ YD	571
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	61,994
^ 44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	108
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3,691
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	201
48203033	HOT MIX ASPHALT SHOULDERS, 9"	SQ YD	50
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	190
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	6,310
54003000	CONCRETE BOX CULVERTS	CU YD	35.0
^ 54010906	PRECAST CONCRETE BOX CULVERTS 9' X 6'	FOOT	32
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4
63200310	GUARDRAIL REMOVAL	FOOT	200
^ 67100100	MOBILIZATION	LSUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6,360
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,120
* 72501000	TERMINAL MARKER- DIRECT APPLIED	EACH	4
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	65,204

^ SEE SPECIAL PROVISIONS

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	CONSTRUCTION CODE 0005	
		UNIT	TOTAL
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	28
^ X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	46
^ X2020110	GRADING AND SHAPING SHOULDERS	UNIT	2
^ X2070302	POROUS GRANULAR EMBANKMENT, SPECIAL	TON	380
^ X2090210	POROUS GRANULAR BACKFILL, SPECIAL	CU YD	25
^ X2140100	GRADING AND SHAPING DITCHES, SPECIAL	FOOT	490
^ X2501000	SEEDING CLASS 2 (SPECIAL)	ACRE	0.8
^ X2810208	STONE RIPRAP, CLASS A4 (SPECIAL)	TON	140
^ X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1
* ^ Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	25,361

^ SEE SPECIAL PROVISIONS

* SPECIALTY ITEMS

EARTHWORK SUMMARY						
LOCATION	INCIDENTAL EXCAVATION	SHRINKAGE FACTOR	% USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE(25%)	EMBANKMENT REQUIRED	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CUBIC YARD			CUBIC YARD	CUBIC YARD	CUBIC YARD
F.A.S. 711 / C.H. 28 / ALTAMONT ROAD						
STA. 774+77 TO STA. 776+46.25	8	25.00%	100.00%	6	171	-165
STA. 776+87.75 TO STA. 781+73.37	17	25.00%	100.00%	13	162	-149
TOTAL	25			19	333	-314
USE	25					315

FURNISHED EXCAVATION = 315 CU. YDS.

ASPHALT MIXTURE REQUIREMENTS						
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE	LEVELING BINDER	HMA SHOULDERS (TOP LIFT)	HMA SHOULDERS (BOTTOM LIFTS)	CLASS D PATCHES	INCIDENTAL HMA SURFACING
PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4% @ Ndes 70	4% @ Ndes 70	4% @ Ndes 70	4% @ Ndes 70	4% @ Ndes 70	4% @ Ndes 50
MIXTURE COMPOSITION: (MIXTURE GRADATION):	IL 9.5	IL 19.0	IL 9.5	IL 19.0	IL 19.0	IL 9.5
FRICTION AGGREGATE:	MIXTURE C	NONE	MIXTURE C	NONE	NONE	MIXTURE C
MIXTURE WEIGHTS:	112 LBS. / SQ. YD. / INCH	112 LBS. / SQ. YD. / INCH	112 LBS. / SQ. YD. / INCH	112 LBS. / SQ. YD. / INCH	112 LBS. / SQ. YD. / INCH	112 LBS. / SQ. YD. / INCH
QUALITY CONTROL PROGRAM:	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA

FILE NAME = 170549-shs-summary.dgn	USER NAME = rthosck	DESIGNED - L.L.P.	REVISED -	STATE OF ILLINOIS FAYETTE COUNTY HIGHWAY DEPARTMENT	SUMMARY OF QUANTITIES	C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 2045 S EVERSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE COMP. 184.00993	DRAWN - R.D.H.	REVISED -	28			14-00127-00-RS	FAYETTE	26	3	
PLOT SCALE = 8SCALES	CHECKED - S.W.M.	REVISED -	ALTAMONT ROAD			CONTRACT NO. 95842				
PLOT DATE = 11/08/18	DATE - 11/08/18	REVISED -	SCALE:			SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT IZ44(317)	

ROADWAY SCHEDULE

LOCATION	SUBBASE GRANULAR MATERIAL TYPE B, 4"	BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MACHINE METHOD) N70	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	HOT-MIX ASPHALT SURFACE COURSE MIX C N70	INCIDENTAL HOT-MIX ASPHALT SURFACING	WELDED WIRE REINF.	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL 1"	CLASS D PATCHES TY IV 9"	AGGREGATE SHOULDERS TYPE B	HOT-MIX ASPHALT SHOULDERS 6"	HOT-MIX ASPHALT SHOULDERS 9"	GRADING & SHAPING SHOULDERS	GRADING & SHAPING DITCHES SPECIAL	LONGITUDINAL JOINT SEALANT
FAS 711 / CH 28 / ALTAMONT ROAD	SQ YD	POUND	TON	SQ YD	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	SQ YD	SQ YD	UNIT	FOOT	FOOT
STA. 522+32 TO STA. 559+65		6159.5	647.5		12	766.5					9,125		530					3733
STA. 559+65 TO STA. 559+87 (SN 026-5017)					25													
STA. 559+87 TO STA. 604+19		7312.8	768.7			910.0					10,834		629					4432
STA. 604+19 TO STA. 604+57 (SN 026-3001)					25													
STA. 604+57 TO STA. 711+65		17668.2	1,857.2			2,198.7					26,175		1520					10708
STA. 711+65 TO STA. 714+72 (SN 026-0053)					25													
STA. 714+72 TO STA. 776+45		10185.5	1,070.7			1,267.5					15,090		905					6173
STA. 776+45 TO STA. 776+89 (BOX CULVERT)	69				25							108	16					
STA. 776+89 TO STA. 780+04		519.8	54.6		12	64.7					770		62		50		130	315
STA. 780+04 TO STA. 781+73	836							783	783	571				201		2	360	
ENTRANCES							22						28					
SIDE ROADS				122			77						1					
TOTAL	905	41846	4399	122	124	5207	99	783	783	571	61994	108	3691	201	50	2	490	25361

MAILBOX TURNOUTS		
LOCATION	LT. OR RT.	INCIDENTAL HMA SURFACE
STA. 634+20	RT.	3 TON
STA. 647+89	RT.	3 TON
STA. 726+43	LT.	3 TON
STA. 734+63	LT.	3 TON
STA. 759+12	LT.	3 TON
TOTAL		15 TON

PAVEMENT MARKING		
TYPE (PAINT)	SIZE & COLOR	LIN. FT.
EDGE LINE	4" WHITE	51,934
SKIP-DASH ζ	4" YELLOW	6,170
NO-PASS LINE	4" YELLOW	7,100
TOTAL		65,204

NOTE: NO-PASSING ZONES WILL BE ESTABLISHED IN THE FIELD BY THE ENGINEER.

SIDE ROAD SCHEDULE		
LOCATION	TYPE	MATERIAL
LT. STA. 522+32	T.R.	HMA
RT. STA. 552+55	T.R.	HMA
LT. STA. 565+72	T.R.	HMA
LT. RT. STA. 592+53	T.R.	HMA
LT. STA. 632+72	T.R.	AGG.
LT. STA. 659.56	T.R.	HMA
LT. RT. STA. 686+39	T.R.	HMA
RT. STA. 706+11	T.R.	HMA
LT. STA. 726+75	T.R.	HMA
RT. STA. 766+89	T.R.	HMA

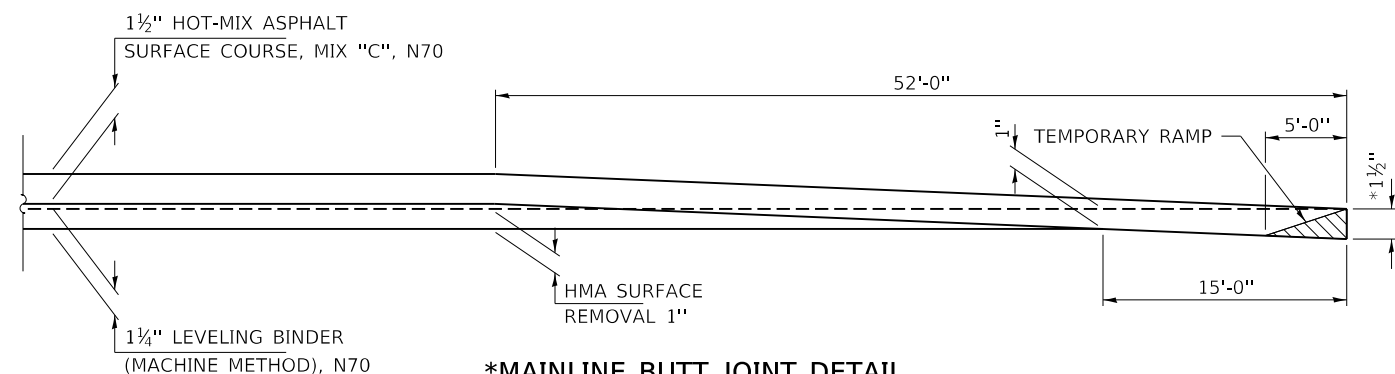
ENTRANCE SCHEDULE		
LOCATION	TYPE	MATERIAL
LT. STA. 522+69	F.E.	AGG.
RT. STA. 522+71	F.E.	AGG.
LT. STA. 538+14	F.E.	AGG.
RT. STA. 538+67	F.E.	AGG.
RT. STA. 545+41	F.E.	AGG.
LT. STA. 552+51	F.E.	AGG.
RT. STA. 561+50	F.E.	AGG.
RT. STA. 579+09	F.E.	AGG.
LT. STA. 579+14	F.E.	AGG.
RT. STA. 595+65	F.E.	AGG.
RT. STA. 607+19	F.E.	AGG.
LT. STA. 608+55	F.E.	AGG.
RT. STA. 632+83	P.E.	HMA
RT. STA. 634+04	P.E.	HMA
LT. STA. 645+69	F.E.	AGG.
RT. STA. 647+67	P.E.	HMA
RT. STA. 659+42	F.E.	AGG.
RT. STA. 666+23	F.E.	AGG.
RT. STA. 697+51	F.E.	AGG.
LT. STA. 699+97	F.E.	AGG.
LT. STA. 722+60	F.E.	AGG.
RT. STA. 723+47	F.E.	AGG.
RT. STA. 726+01	P.E.	HMA
RT. STA. 726+70	P.E.	HMA
RT. STA. 733+69	F.E.	AGG.
LT. STA. 734+81	P.E.	HMA
RT. STA. 734+87	F.E.	AGG.
LT. STA. 738+45	F.E.	AGG.
RT. STA. 740+30	F.E.	AGG.
LT. STA. 750+45	F.E.	AGG.
RT. STA. 751+17	F.E.	AGG.
LT. STA. 759+37	P.E.	HMA
LT. STA. 767+22	F.E.	AGG.
LT. STA. 777+12	F.E.	AGG.
RT. STA. 780+29	F.E.	AGG.

QUANTITIES ALLOWED FOR SIDE ROADS

INCIDENTAL HMA SURFACE	77 TON
AGG. SHOULDERS TYPE B	1 TON
HMA SURFACE REMOVAL - BUTT JOINT	122 SQ YD

QUANTITIES ALLOWED FOR ENTRANCES

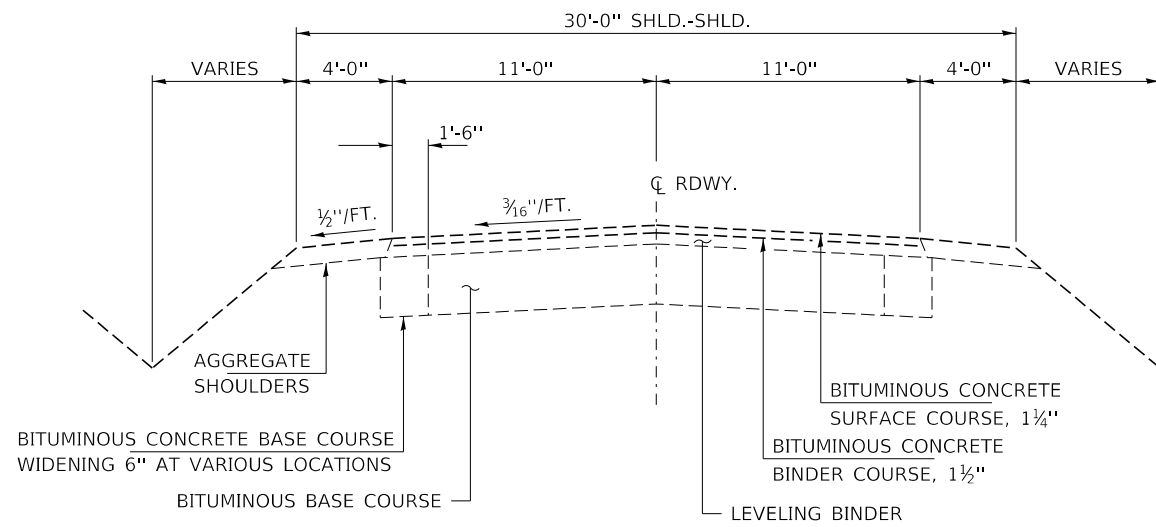
INCIDENTAL HMA SURFACE	7 TON
AGG. SHOULDERS TYPE B	28 TON



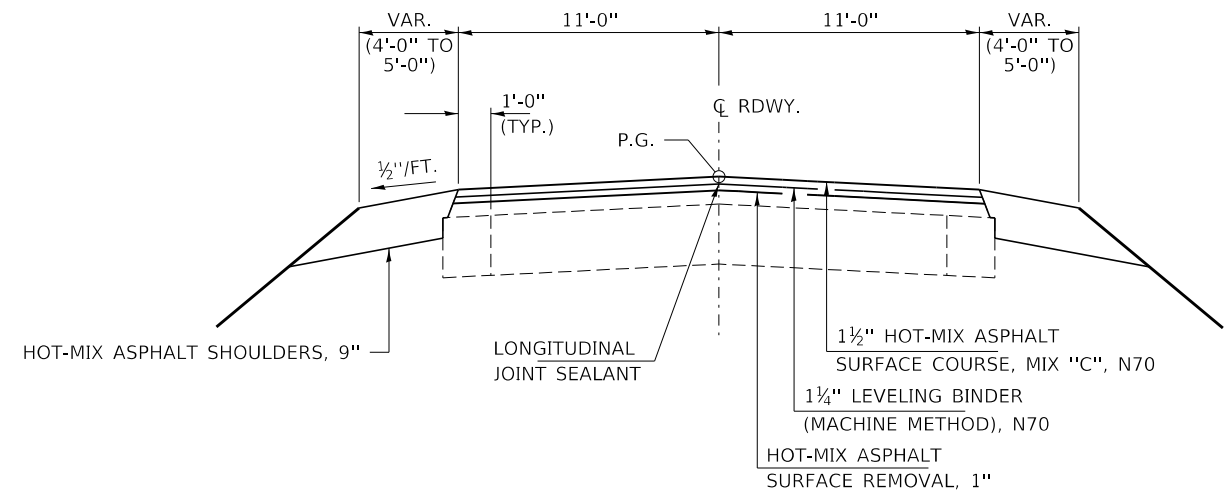
***MAINLINE BUTT JOINT DETAIL**

STA. 521+80 TO STA. 522+32 BEGIN PROJECT
 STA. 711+13 TO STA. 711+65 SN 026-0053
 STA. 714+72 TO STA. 715+24 SN 026-0053
 STA. 603+67 TO 604+19 SN 026-3001
 STA. 604+57 TO 605+09 SN 026-3001
 STA. 559+13 TO 559+65 SN 026-5017
 STA. 559+87 TO 560+39 SN 026-5017

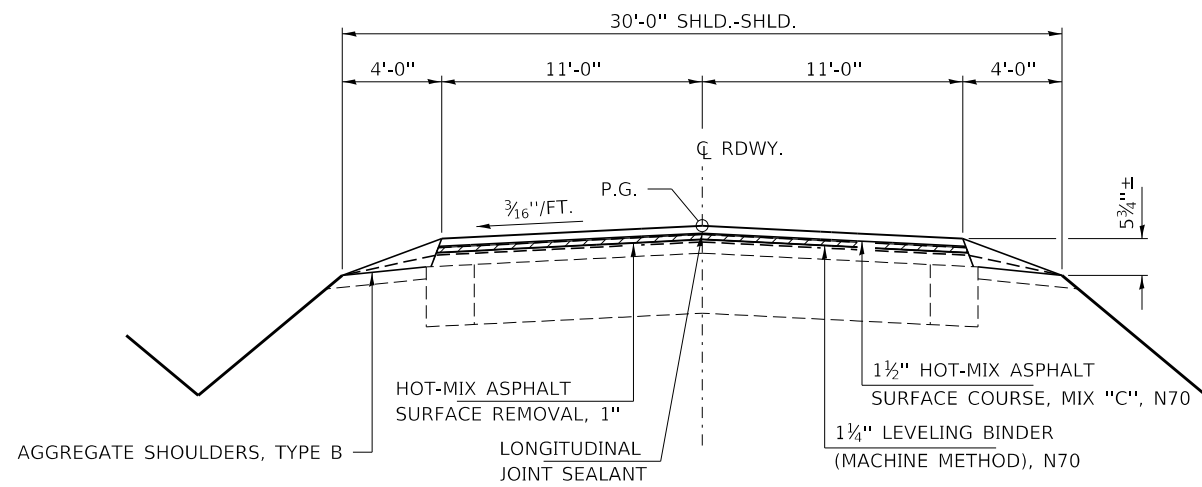
*PAID AS HMA - SURFACE REMOVAL 1" (SEE SPECIAL PROVISION)



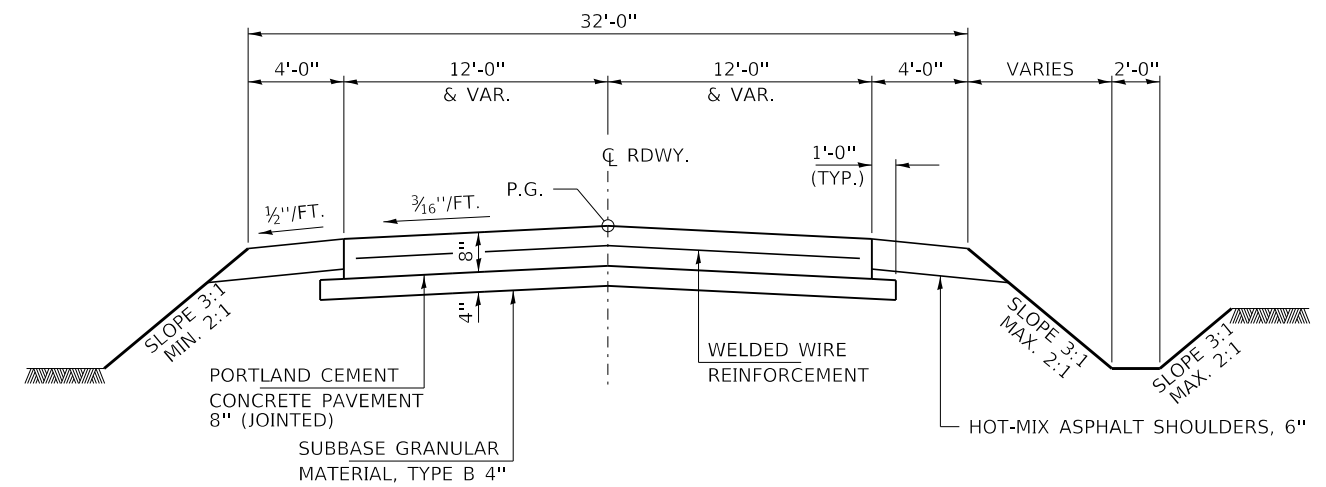
EXISTING TYPICAL CROSS SECTION
STA. 522+32 TO STA. 781+73



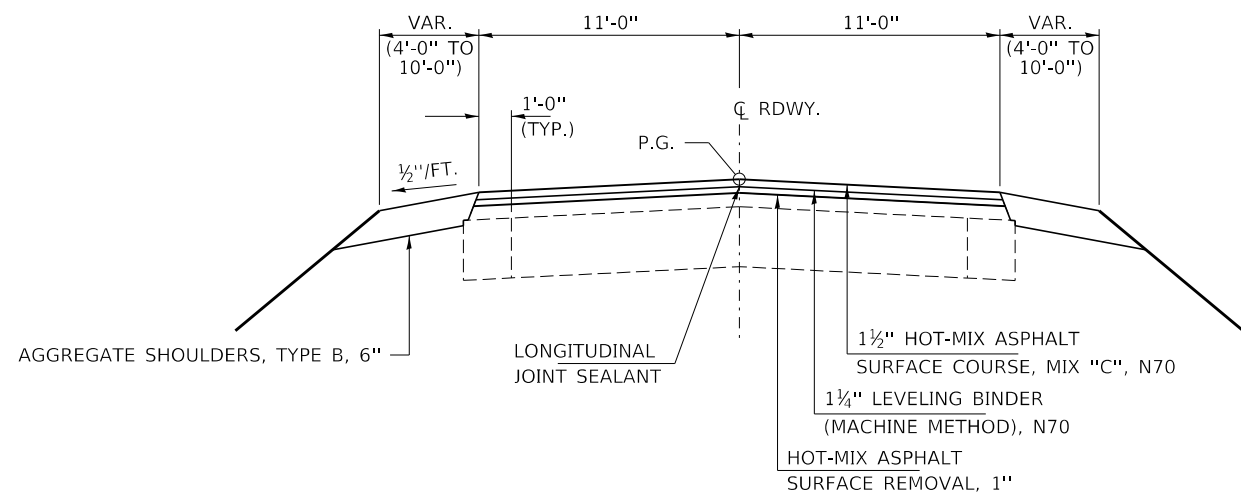
PROPOSED TYPICAL CROSS SECTION
STA. 779+54 TO STA. 780+04



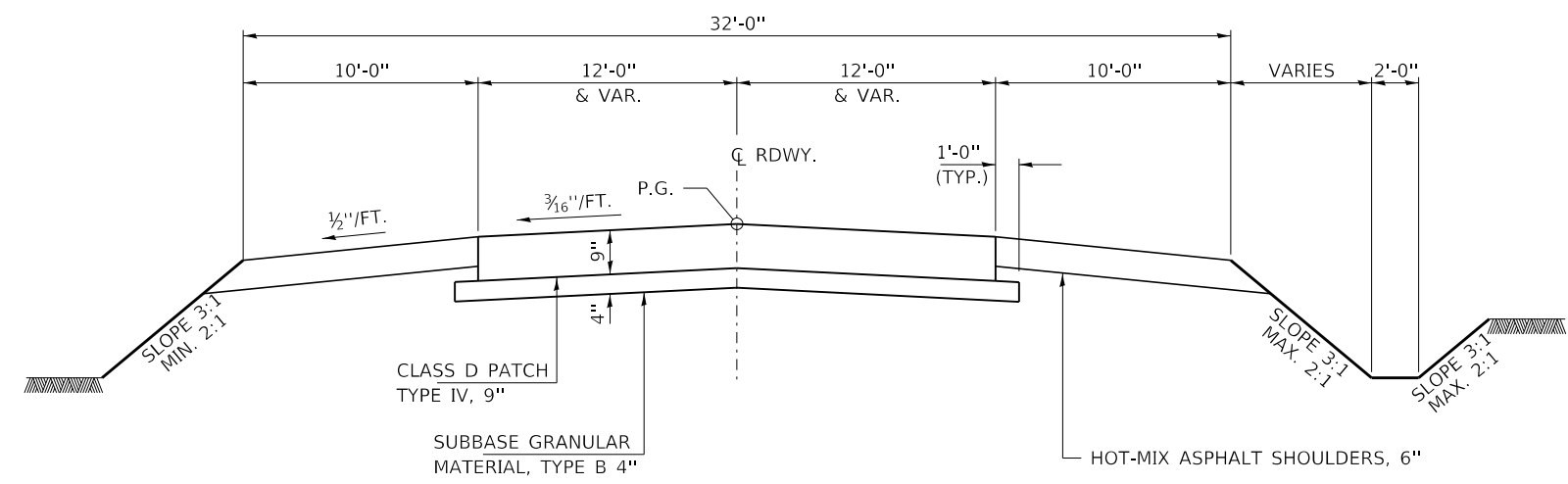
PROPOSED TYPICAL CROSS SECTION
STA. 522+32 TO STA. 774+77



PROPOSED TYPICAL CROSS SECTION
STA. 780+04 TO STA. 781+73



PROPOSED TYPICAL CROSS SECTION
STA. 774+77 TO STA. 776+45 AND
STA. 776+89 TO 779+54



PROPOSED TYPICAL CROSS SECTION
STA. 776+45 TO STA. 776+89

FILE NAME = 170549-shit-typsections.dgn	USER NAME = rhosick	DESIGNED - L.L.P.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S./P.E./S.E. CORP. 184.000959	PLOT SCALE = \$SCALE\$	DRAWN - R.D.H.	REVISED -
PLOT DATE = 11/9/2018		CHECKED - S.W.M.	REVISED -
		DATE - 11/08/18	REVISED -

**STATE OF ILLINOIS
FAYETTE COUNTY HIGHWAY DEPARTMENT**

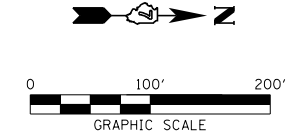
TYPICAL CROSS SECTIONS

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

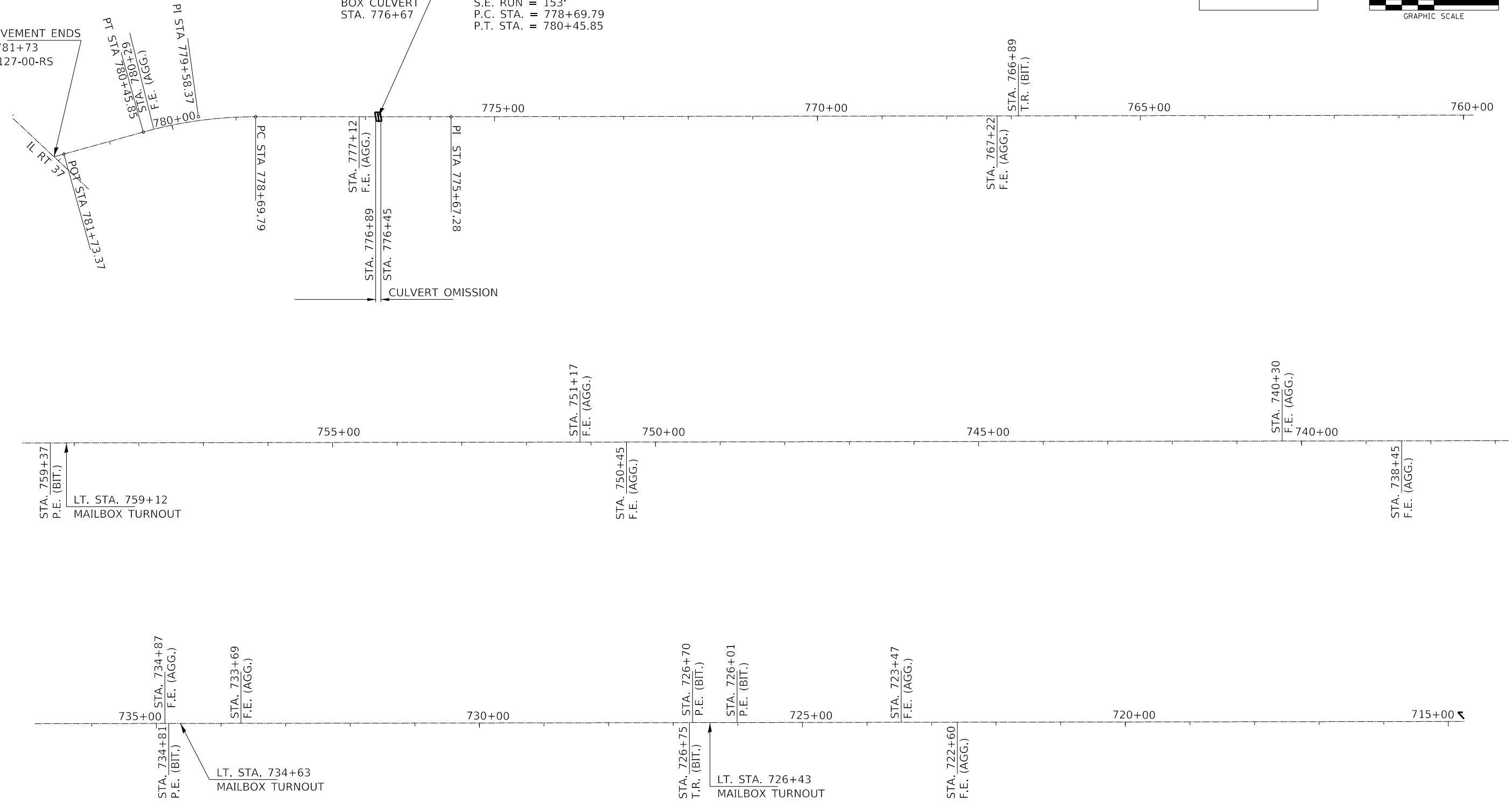
F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	14-00127-00-RS	FAYETTE	26	5
ALTAMONT ROAD		CONTRACT NO. 95842		
ILLINOIS		FED. AID PROJECT I244(317)		

EXIST. CURVE EXCL 10
 PI STA. = 779+58.37
 $\Delta = 15^\circ 31' 09''$ (LT)
 $D = 8^\circ 48' 53''$
 $R = 650.00'$
 $T = 88.57'$
 $L = 176.06'$
 $E = 6.01'$
 $e = 2.5\%$
 $T.R. = 60'$
 $S.E. RUN = 153'$
 $P.C. STA. = 778+69.79$
 $P.T. STA. = 780+45.85$

STATIONS INCREASE



IMPROVEMENT ENDS
 STA. 781+73
 14-00127-00-RS



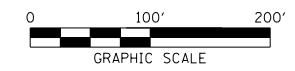
FILE NAME = 170549-shi-illgr.dgn	USER NAME = rmosck	DESIGNED - L.L.P.	REVISED -
 HAMPTON, LENZINI AND RENWICK, INC. <small>3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959</small>	PLOT SCALE = \$SCALES	DRAWN - R.D.H.	REVISED -
	PLOT DATE = 11/9/2018	CHECKED - S.W.M.	REVISED -
		DATE - 11/08/18	REVISED -

**STATE OF ILLINOIS
 FAYETTE COUNTY HIGHWAY DEPARTMENT**

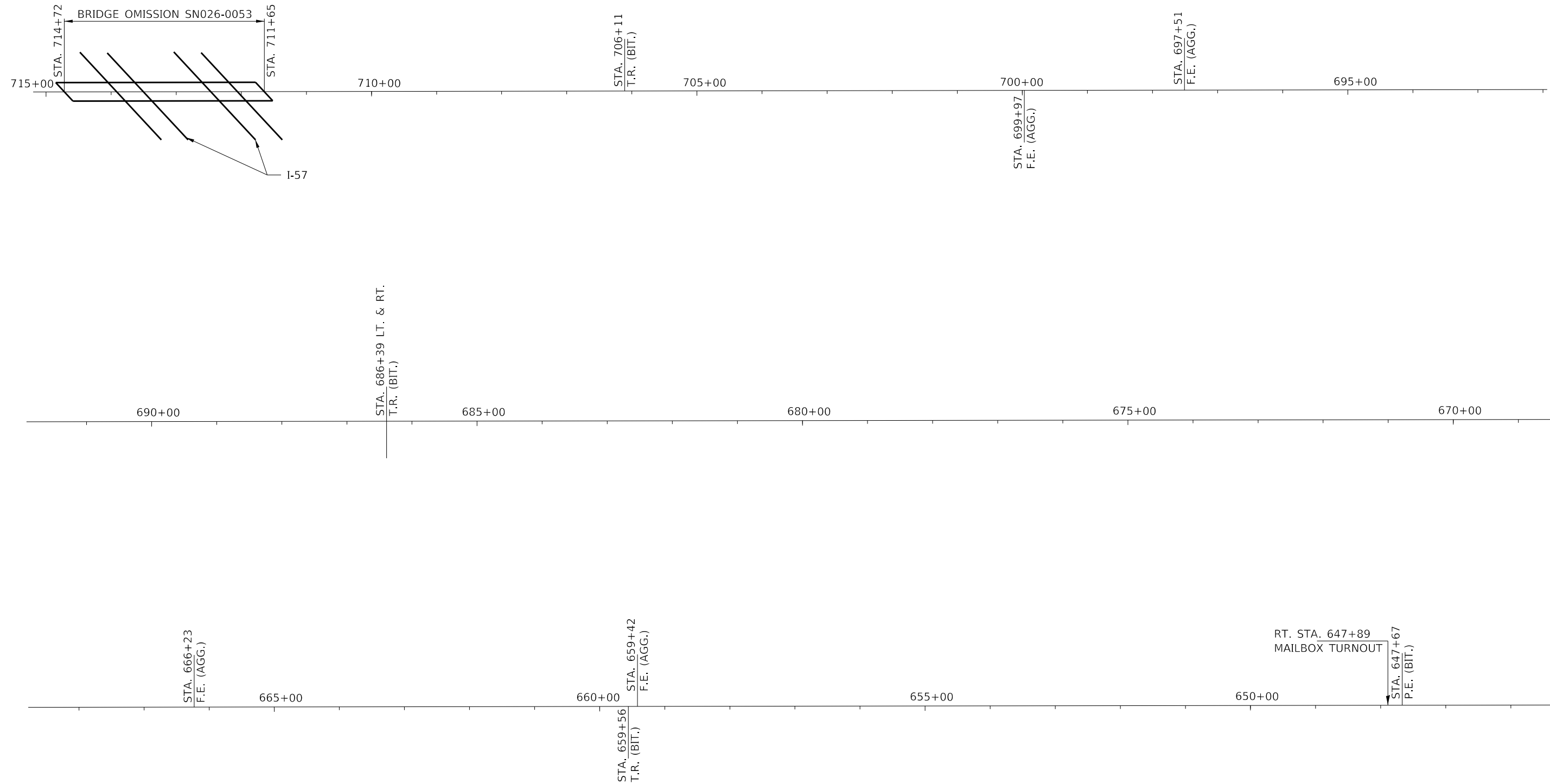
**SINGLE LINE DIAGRAM
 PLAN VIEW**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. 715+00 TO STA. 781+73

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	14-00127-00-RS	FAYETTE	26	6
ALTAMONT ROAD		CONTRACT NO. 95842		
ILLINOIS FED. AID PROJECT I244(317)				

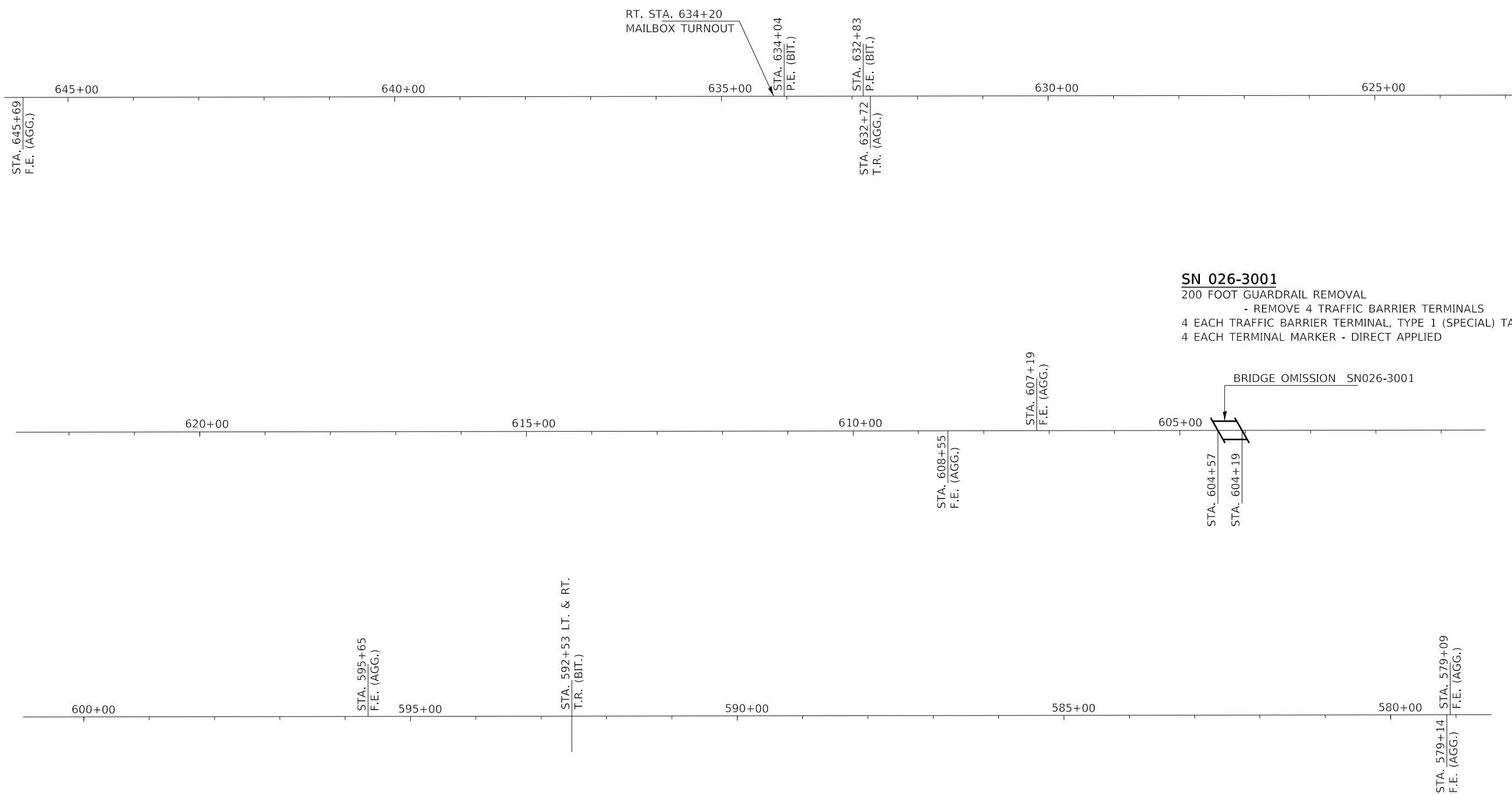
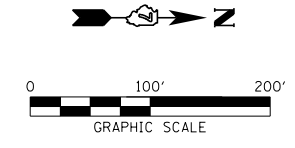


STATIONS INCREASE
←



FILE NAME = 170549-shi-llgr.dgn	USER NAME = rmosck	DESIGNED - L.L.P.	REVISED -	STATE OF ILLINOIS FAYETTE COUNTY HIGHWAY DEPARTMENT	SINGLE LINE DIAGRAM PLAN VIEW		F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. <small>3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959</small>		DRAWN - R.D.H.	REVISED -		711	14-00127-00-RS	FAYETTE	26	7		
PLOT SCALE = \$SCALES		CHECKED - S.W.M.	REVISED -		ALTAMONT ROAD		CONTRACT NO. 95842				
PLOT DATE = 11/9/2018		DATE - 11/08/18	REVISED -		SCALE:	SHEET NO. 2 OF 4 SHEETS	STA. 646+00	TO STA. 715+00	ILLINOIS FED. AID PROJECT IZ44(317)		

STATIONS INCREASE
←



SN 026-3001
 200 FOOT GUARDRAIL REMOVAL
 - REMOVE 4 TRAFFIC BARRIER TERMINALS
 4 EACH TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 4 EACH TERMINAL MARKER - DIRECT APPLIED

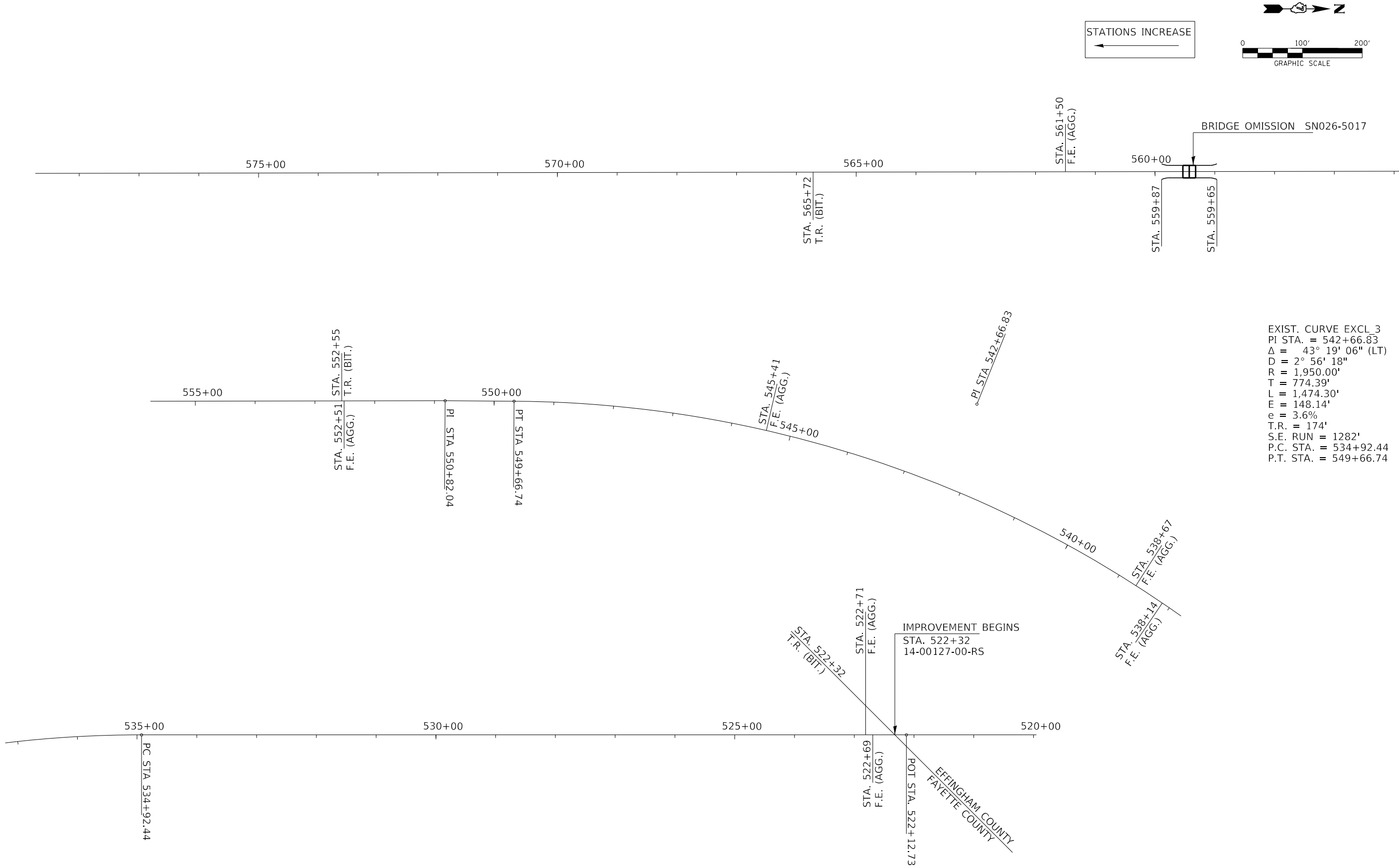
BRIDGE OMISSION SN026-3001

FILE NAME = 170549-shi-illgr.dgn	USER NAME = rmosck	DESIGNED - L.L.P.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959		DRAWN - R.D.H.	REVISED -
PLOT SCALE = \$SCALE\$		CHECKED - S.W.M.	REVISED -
PLOT DATE = 11/9/2018		DATE - 11/08/18	REVISED -

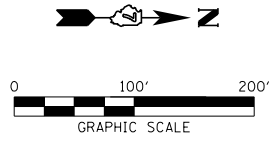
**STATE OF ILLINOIS
 FAYETTE COUNTY HIGHWAY DEPARTMENT**

SINGLE LINE DIAGRAM PLAN VIEW			
SCALE:	SHEET NO. 3 OF 4 SHEETS	STA. 581+00	TO STA. 645+00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	14-00127-00-RS	FAYETTE	26	8
ALTAMONT ROAD		CONTRACT NO. 95842		
ILLINOIS FED. AID PROJECT IZ44(317)				



STATIONS INCREASE
←



EXIST. CURVE EXCL. 3
 PI STA. = 542+66.83
 $\Delta = 43^\circ 19' 06''$ (LT)
 $D = 2^\circ 56' 18''$
 $R = 1,950.00'$
 $T = 774.39'$
 $L = 1,474.30'$
 $E = 148.14'$
 $e = 3.6\%$
 $T.R. = 174'$
 $S.E. RUN = 1282'$
 $P.C. STA. = 534+92.44$
 $P.T. STA. = 549+66.74$

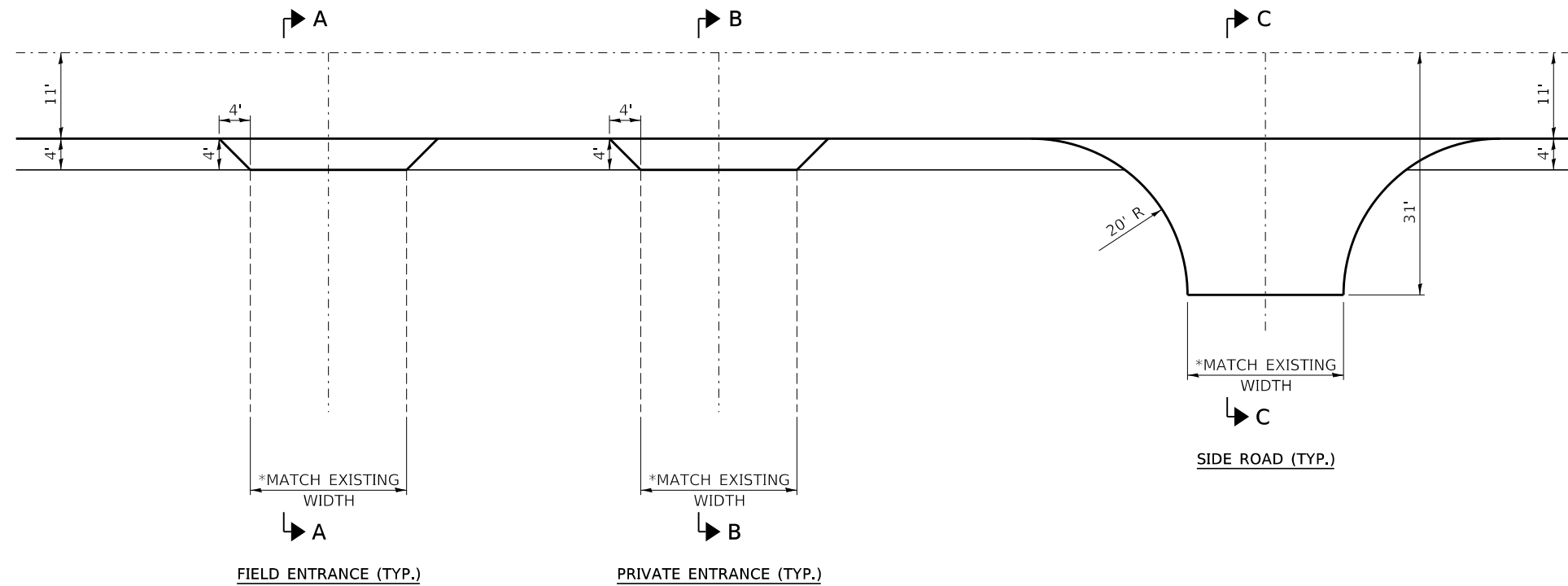
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HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT SCALE = \$SCALE\$	DRAWN - R.D.H.	REVISED -
PLOT DATE = 11/9/2018	DATE = 11/08/18	CHECKED - S.W.M.	REVISED -
		DATE = 11/08/18	REVISED -

**STATE OF ILLINOIS
FAYETTE COUNTY HIGHWAY DEPARTMENT**

**SINGLE LINE DIAGRAM
PLAN VIEW**

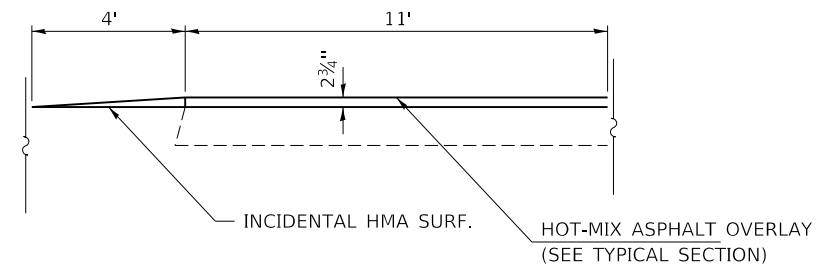
SCALE: SHEET NO. 4 OF 4 SHEETS STA. 520+00 TO STA. 578+00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	14-00127-00-RS	FAYETTE	26	9
ALTAMONT ROAD		CONTRACT NO. 95842		
ILLINOIS FED. AID PROJECT I244(317)				

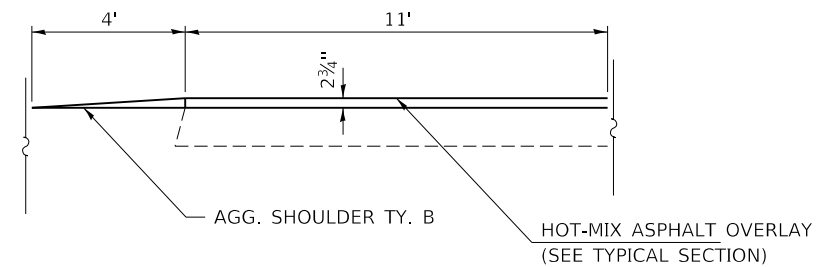


PLAN

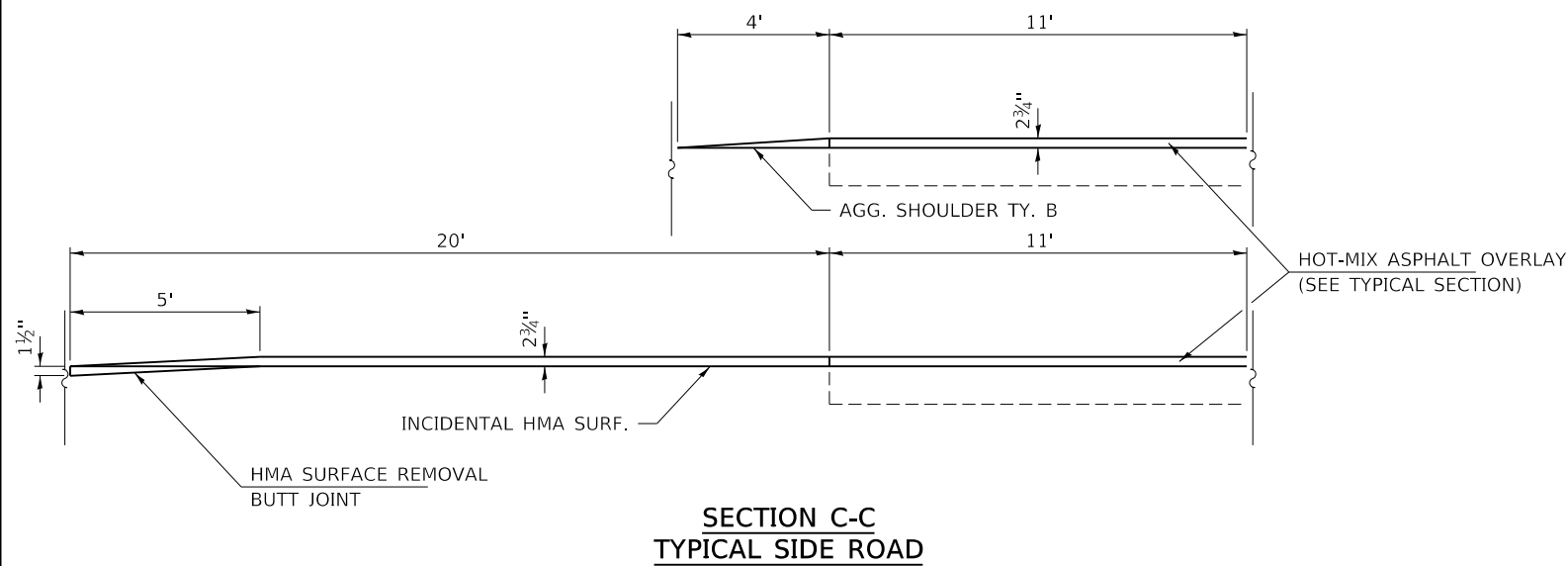
* AS DETERMINED BY THE ENGINEER



**SECTION A-A
TYPICAL PRIVATE ENTRANCE**



**SECTION B-B
TYPICAL FIELD ENTRANCE**



**SECTION C-C
TYPICAL SIDE ROAD**

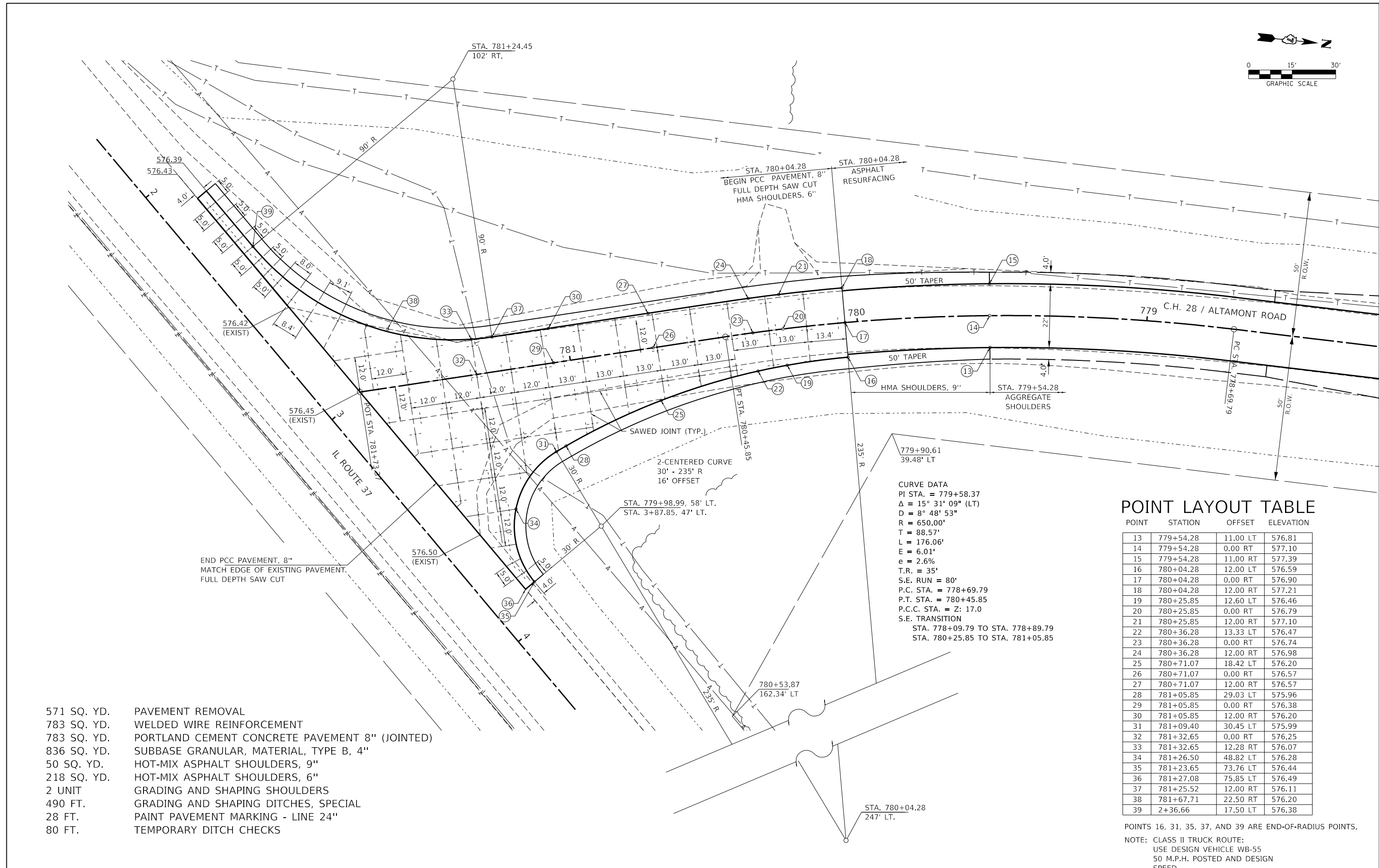
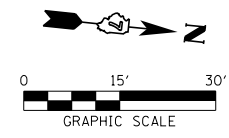
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PLOT DATE = 11/9/2018	DATE = 11/08/18	CHECKED - S.W.M.	REVISED -
		DATE = 11/08/18	REVISED -

**STATE OF ILLINOIS
FAYETTE COUNTY HIGHWAY DEPARTMENT**

ENTRANCE AND SIDE ROAD DETAILS

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

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	14-00127-00-RS	FAYETTE	26	10
ALTAMONT ROAD		CONTRACT NO. 95842		
		ILLINOIS	FED. AID PROJECT IZA4(317)	



CURVE DATA
 PI STA. = 779+58.37
 $\Delta = 15^\circ 31' 09''$ (LT)
 $D = 8^\circ 48' 53''$
 $R = 650.00'$
 $T = 88.57'$
 $L = 176.06'$
 $E = 6.01'$
 $e = 2.6\%$
 $T.R. = 35'$
 $S.E. RUN = 80'$
 P.C. STA. = 778+69.79
 P.T. STA. = 780+45.85
 P.C.C. STA. = Z: 17.0
S.E. TRANSITION
 STA. 778+09.79 TO STA. 778+89.79
 STA. 780+25.85 TO STA. 781+05.85

POINT LAYOUT TABLE

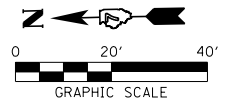
POINT	STATION	OFFSET	ELEVATION
13	779+54.28	11.00 LT	576.81
14	779+54.28	0.00 RT	577.10
15	779+54.28	11.00 RT	577.39
16	780+04.28	12.00 LT	576.59
17	780+04.28	0.00 RT	576.90
18	780+04.28	12.00 RT	577.21
19	780+25.85	12.60 LT	576.46
20	780+25.85	0.00 RT	576.79
21	780+25.85	12.00 RT	577.10
22	780+36.28	13.33 LT	576.47
23	780+36.28	0.00 RT	576.74
24	780+36.28	12.00 RT	576.98
25	780+71.07	18.42 LT	576.20
26	780+71.07	0.00 RT	576.57
27	780+71.07	12.00 RT	576.57
28	781+05.85	29.03 LT	575.96
29	781+05.85	0.00 RT	576.38
30	781+05.85	12.00 RT	576.20
31	781+09.40	30.45 LT	575.99
32	781+32.65	0.00 RT	576.25
33	781+32.65	12.28 RT	576.07
34	781+26.50	48.82 LT	576.28
35	781+23.65	73.76 LT	576.44
36	781+27.08	75.85 LT	576.49
37	781+25.52	12.00 RT	576.11
38	781+67.71	22.50 RT	576.20
39	2+36.66	17.50 LT	576.38

POINTS 16, 31, 35, 37, AND 39 ARE END-OF-RADIUS POINTS.
 NOTE: CLASS II TRUCK ROUTE:
 USE DESIGN VEHICLE WB-55
 50 M.P.H. POSTED AND DESIGN SPEED

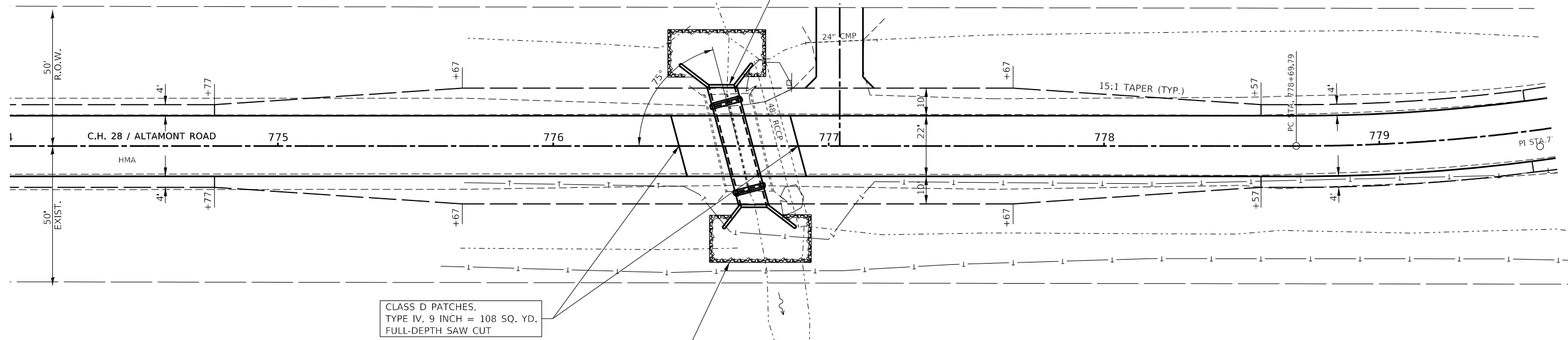
- 571 SQ. YD. PAVEMENT REMOVAL
- 783 SQ. YD. WELDED WIRE REINFORCEMENT
- 783 SQ. YD. PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- 836 SQ. YD. SUBBASE GRANULAR, MATERIAL, TYPE B, 4"
- 50 SQ. YD. HOT-MIX ASPHALT SHOULDERS, 9"
- 218 SQ. YD. HOT-MIX ASPHALT SHOULDERS, 6"
- 2 UNIT GRADING AND SHAPING SHOULDERS
- 490 FT. GRADING AND SHAPING DITCHES, SPECIAL
- 28 FT. PAINT PAVEMENT MARKING - LINE 24"
- 80 FT. TEMPORARY DITCH CHECKS

PLAN	REVIEWED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	ADD FILE NAME		

PROFILE	REVIEWED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	ADD FILE NAME		



STATION 776+67
 PRECAST CONCRETE BOX CULVERT (32'-0") WITH CAST IN PLACE HEADWALLS, 9' SPAN X 6' RISE X 14' LENGTH
 TOTAL LENGTH = 46'-0"; SKEW = 15°



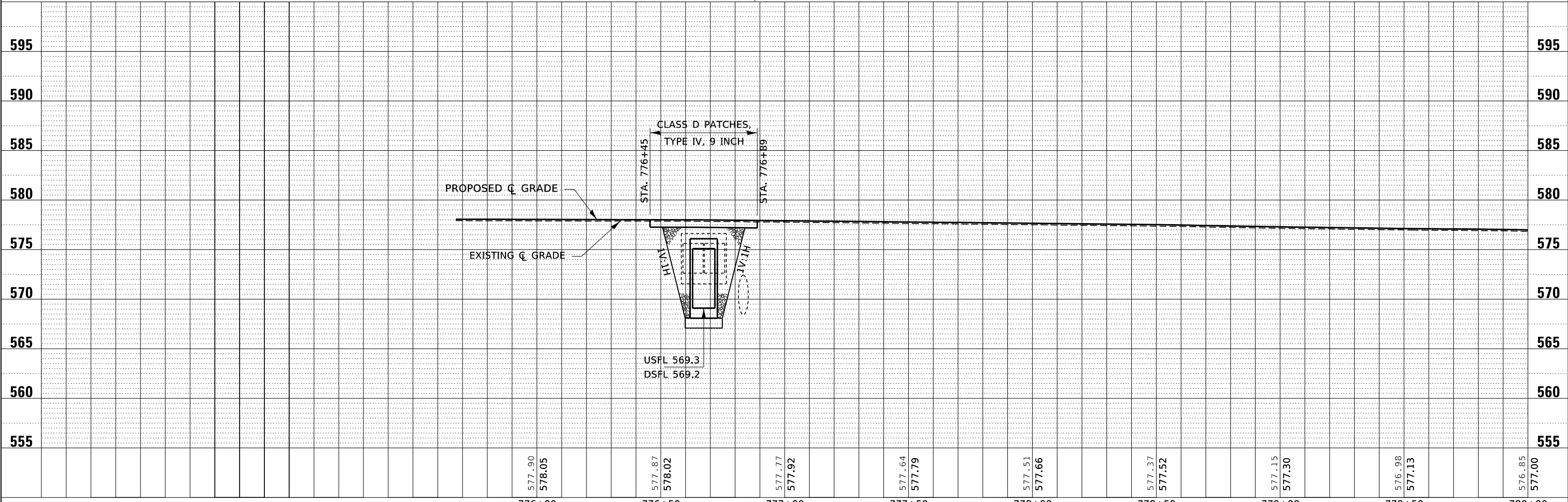
CLASS D PATCHES,
 TYPE IV, 9 INCH = 108 SQ. YD.
 FULL-DEPTH SAW CUT

STONE RIPRAP, CLASS A4 (SPL.) = 115 TON

120 FT. TEMPORARY DITCH CHECKS

NOTE: REMOVAL OF EXISTING CONCRETE BOX CULVERT AND RCCP PIPE IS INCLUDED IN ITEM REMOVAL OF EXISTING STRUCTURES. SEE SHEETS 13 - 16 OF 26 FOR CULVERT DETAILS.

EXISTING STRUCTURE
 STATION 776+67 - DOUBLE 8' SPAN x 3' RISE CONCRETE BOX CULVERT, LENGTH = 36 FOOT
 48" RCCP, LENGTH = 63 FOOT

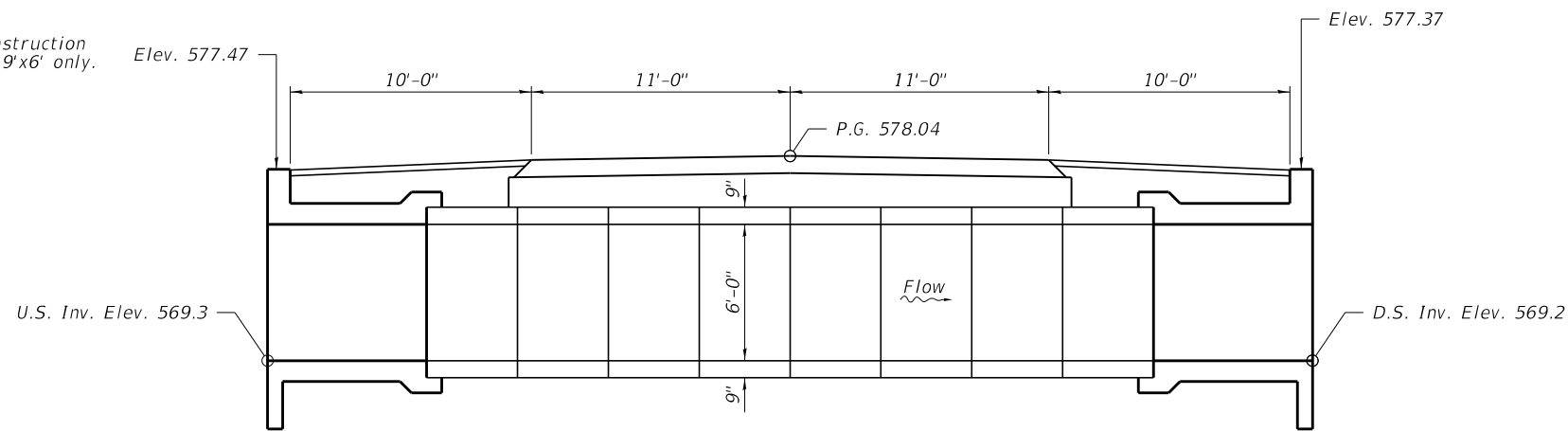


FILE NAME = 170549-sht-plnprf.dgn	USER NAME = rmosick	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS FAYETTE COUNTY HIGHWAY DEPARTMENT	PLAN & PROFILE ALTAMONT ROAD				F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. <small>3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62765 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959</small>	SCALE = \$\$\$\$	DRAWN - T.W.K.	REVISED -		711	14-00127-00-RS	FAYETTE	26	12				
PLOT SCALE = \$\$\$\$	CHECKED - S.W.M.	REVISED -	SCALE: 20H:5V		SHEET NO. 1	OF 1 SHEETS	STA. 774+00.00	TO STA. 779+50.00	CONTRACT NO. 95842				
PLOT DATE = 11/9/2018	DATE = 11/08/18	REVISED -						ILLINOIS FED. AID PROJECT IZ4A(317)					

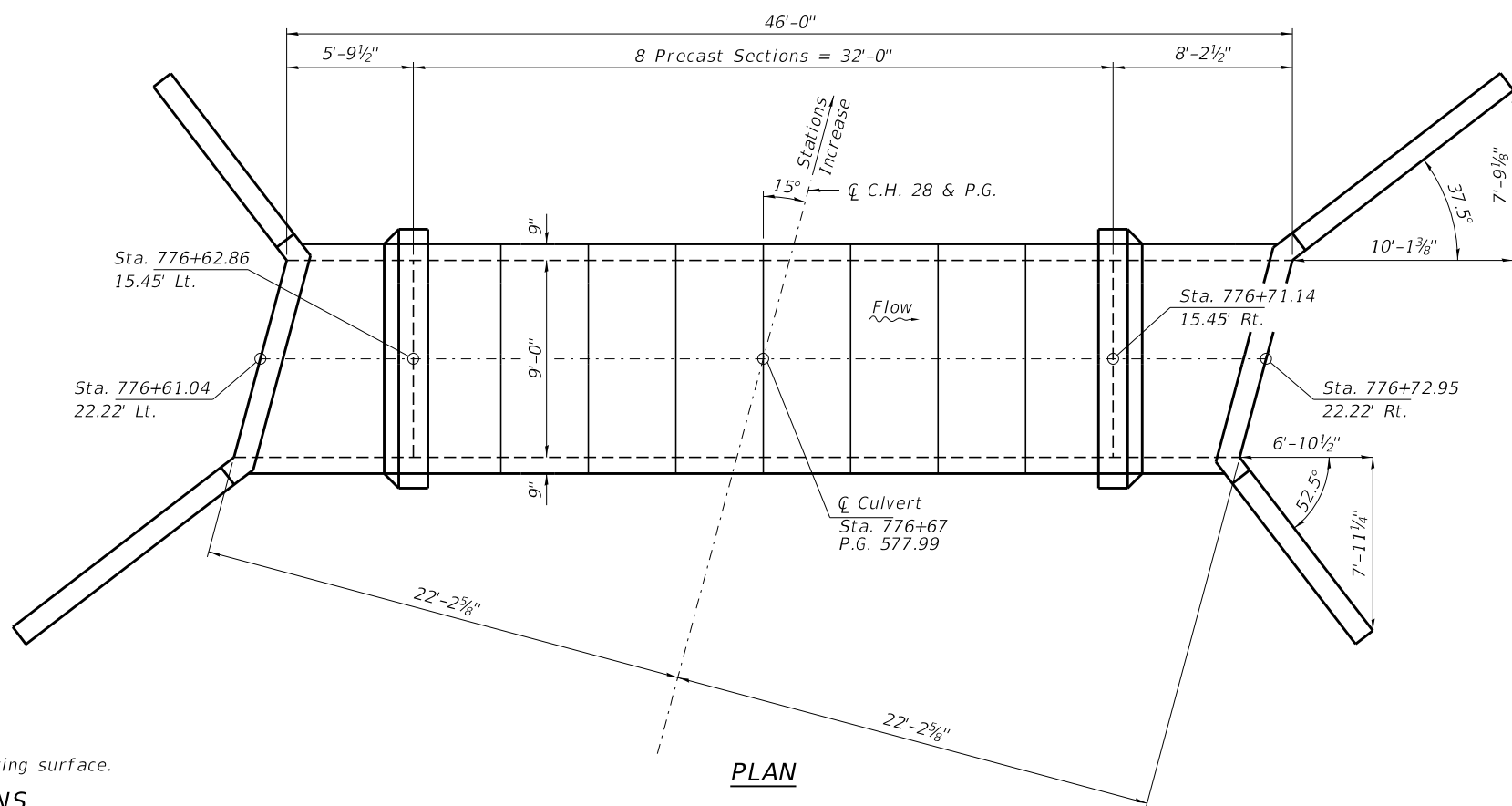
EXISTING STRUCTURE: Sta. 776+67 - Double 8' span x 3' rise concrete box culvert. Length = 36 foot.
48" RCCP, Length = 63 foot..

Road closed to traffic during construction of precast concrete box culverts 9'x6' only.

No Salvage



ELEVATION



PLAN

GENERAL NOTES

Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
Precast Box Sections shall conform to the requirements of AASHTO M259.

INDEX OF STRUCTURE SHEETS

- 1. General Plan & Elevation
- 2-4. Culvert Details

LOADING HL-93

Allow 50#/Sq. Ft. for future wearing surface.

DESIGN SPECIFICATIONS

2017 AASHTO LRFD Bridge Design Specifications, 8th Edition with all interims.

DESIGN STRESSES

PRECAST UNITS

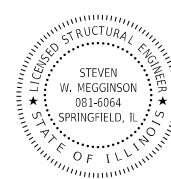
$f'_c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Fabric)

FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current "AASHTO LRFD Specifications."

Steven W. Megginson 11/08/2018
ILLINOIS STRUCTURAL ENGINEER NO. 081-6064



Expires 11-30-2020

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Geotechnical Fabric for Ground Stabilization	Sq. Yd.			84
Removal of Existing Structures	Each			1
Structure Excavation	Cu. Yd.			190
Reinforcement Bars, Epoxy Coated	Pounds			6,310
Concrete Box Culverts	Cu. Yd.			35.0
Precast Concrete Box Culverts 9'x6'	Foot			32
Membrane Waterproofing System for Buried Struct.	Sq. Yd.			46
Porous Granular Embankment, Special	Ton			380
Porous Granular Backfill, Special	Cu. Yd.			25
Stone Riprap, Class A4 (Special)	Ton			140

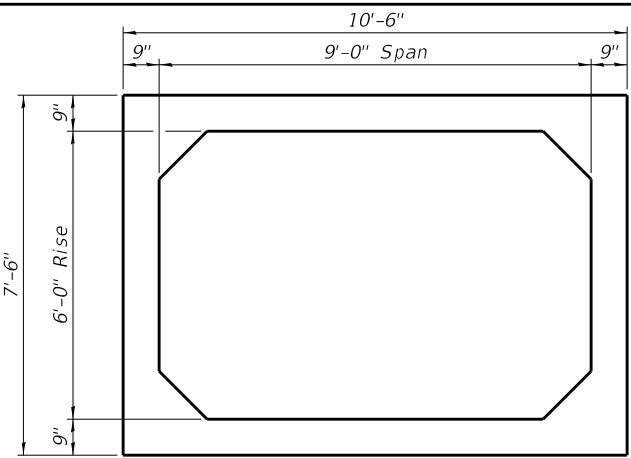
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HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT SCALE =	CHECKED - S.W.M.	REVISED -
PLOT DATE = 11/9/2018		DRAWN - R.D.H.	REVISED -
		CHECKED - S.W.M.	REVISED -

STATE OF ILLINOIS
FAYETTE COUNTY HIGHWAY DEPARTMENT

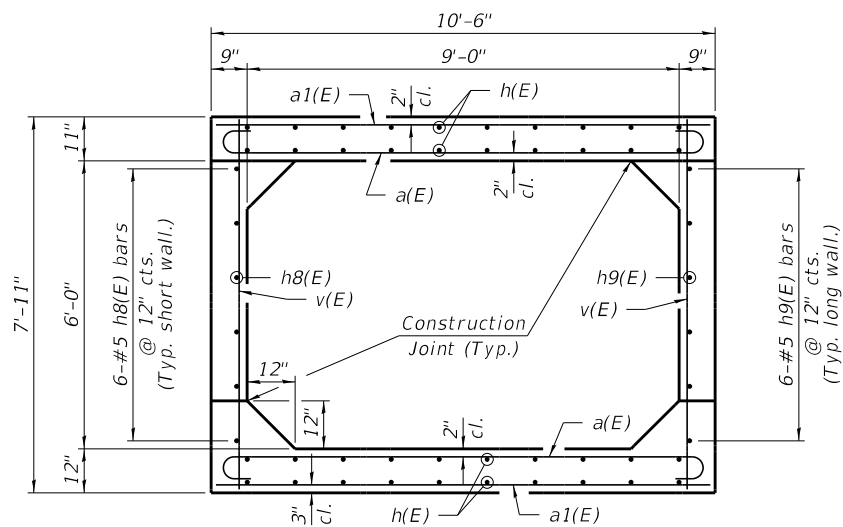
GENERAL PLAN & ELEVATION
ALTAMONT ROAD

SHEET NO. 1 OF 4 SHEETS

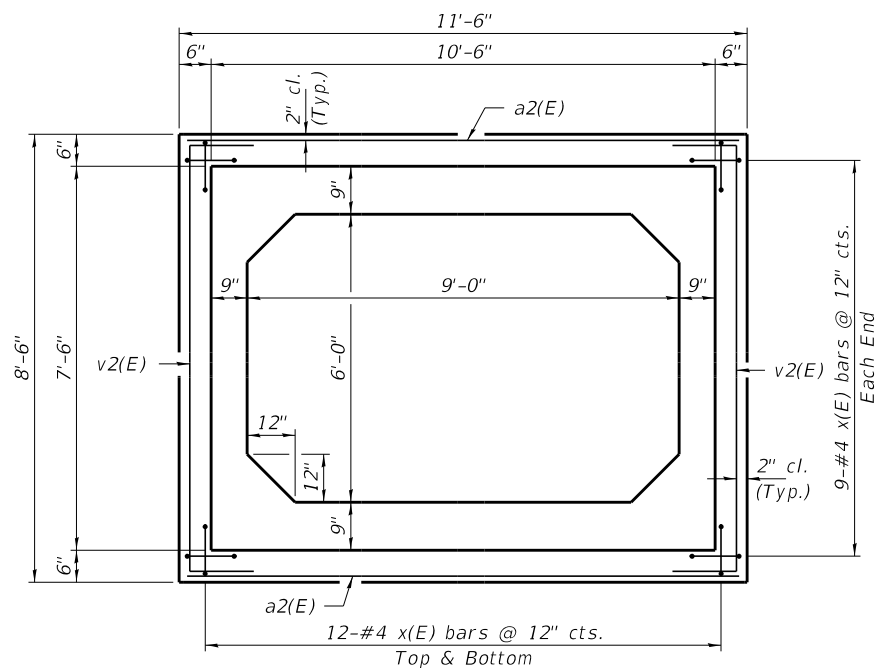
F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	14-00127-00-RS	FAYETTE	26	13
ALTAMONT ROAD			CONTRACT NO. 95842	
ILLINOIS		FED. AID PROJECT I2A4(317)		



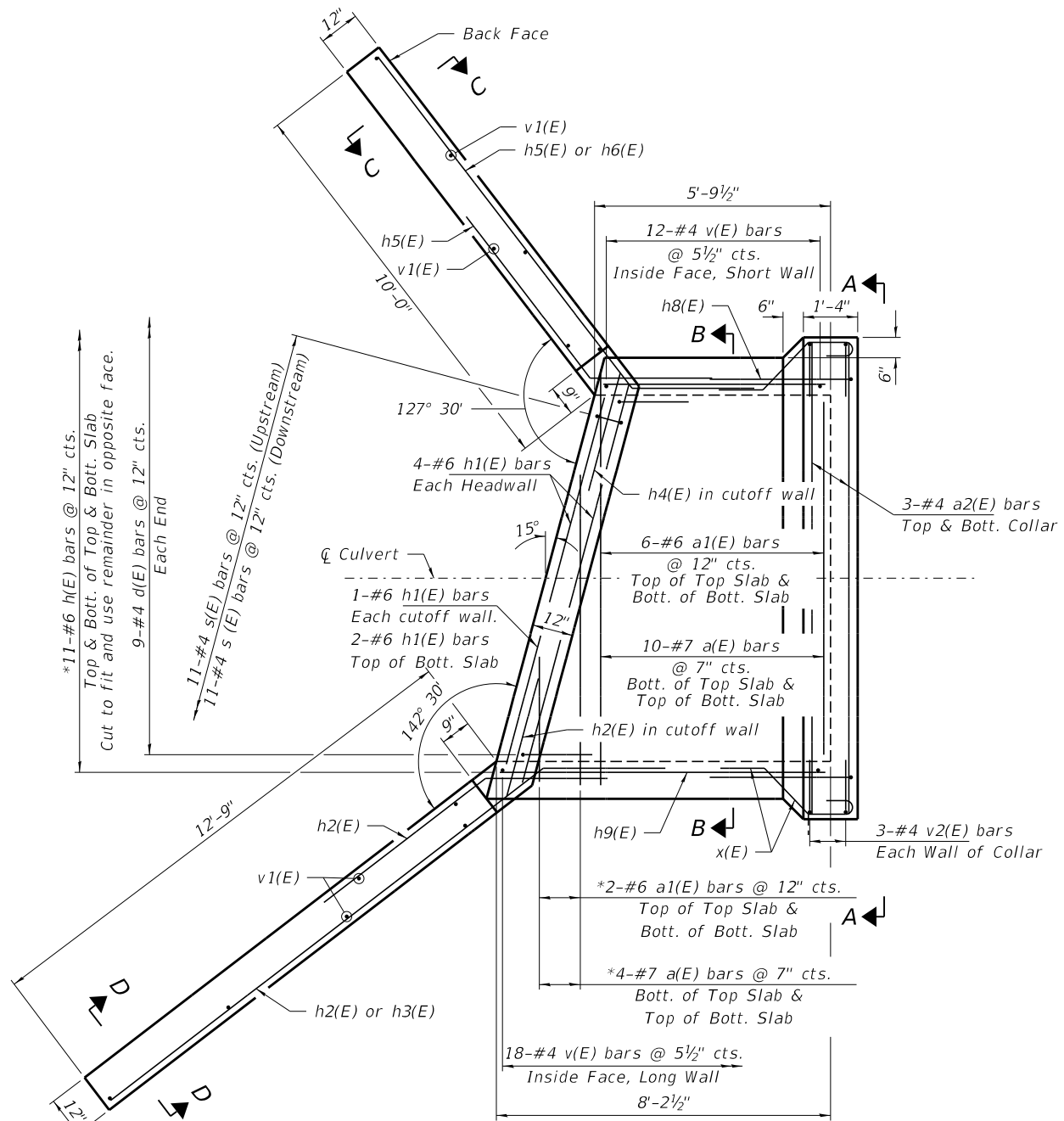
SECTION THRU PRECAST BOX (ASTM C1577)



SECTION B-B



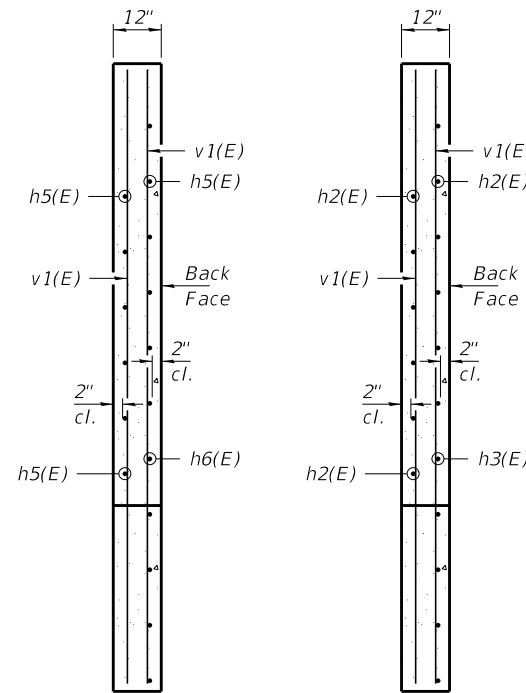
SECTION A-A



PLAN

Showing Reinforcement Typical each headwall.

*Cut a(E), a1(E) and h(E) bars to fit; use remainder in bottom slab.

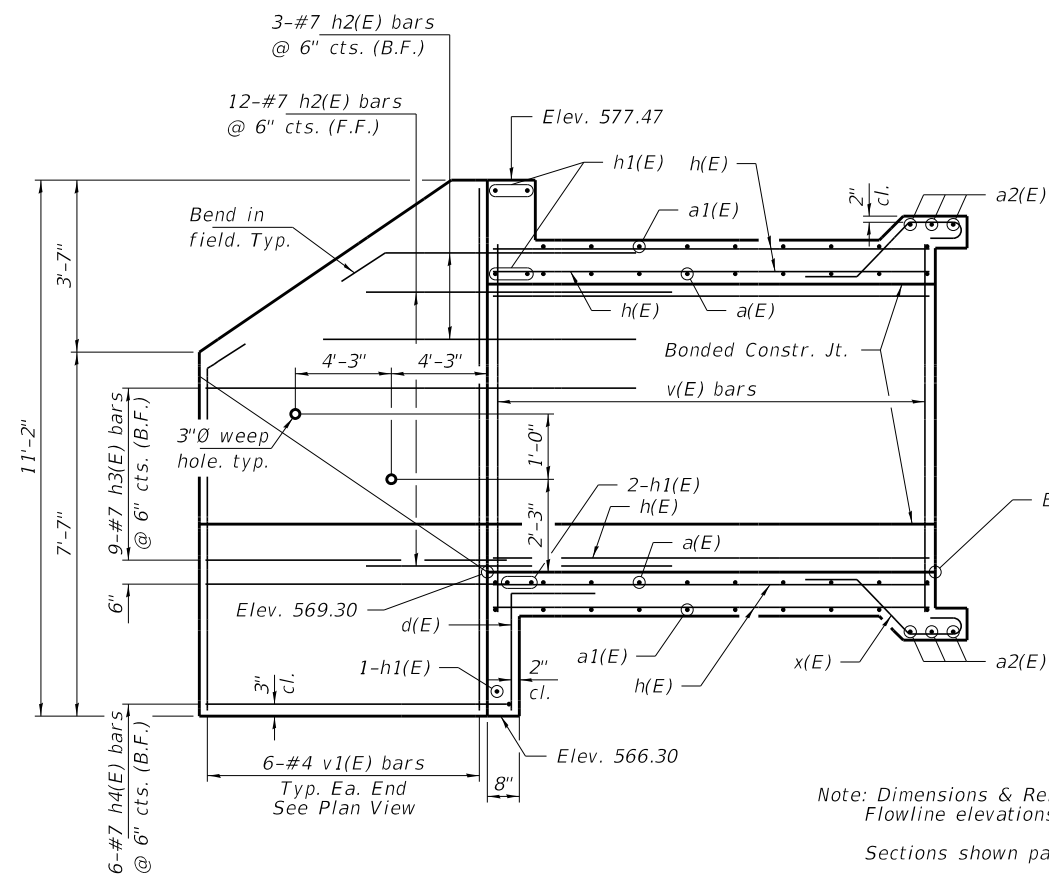


SECTION C-C

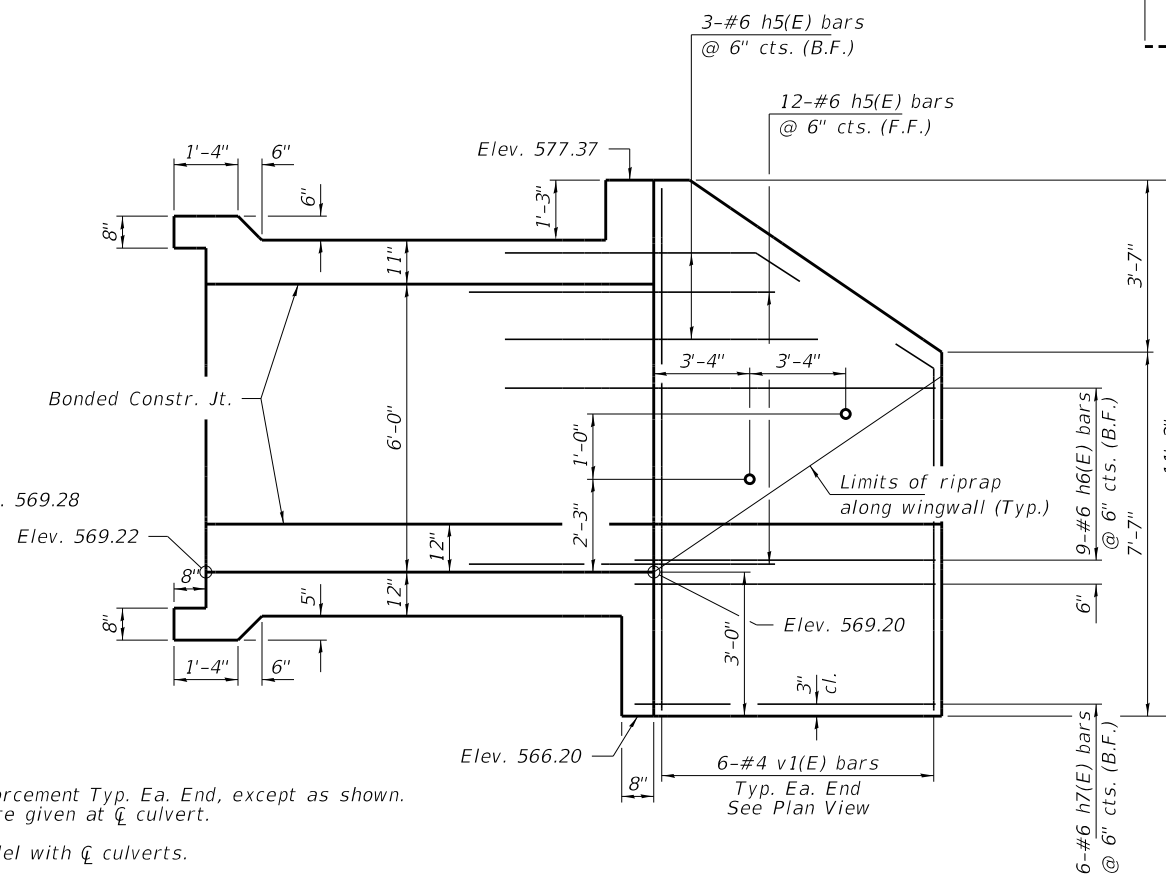
SECTION D-D

BILL OF MATERIAL - 2 HDWLS.

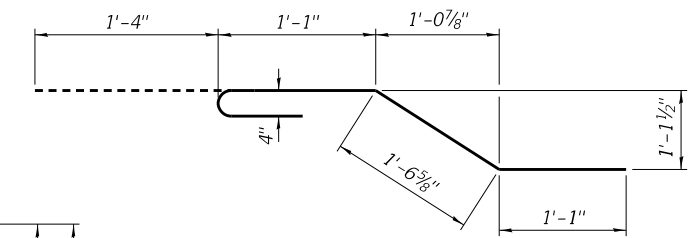
Bar	No.	Size	Length	Shape
a(E)	48	#7	11'-10"	
a1(E)	32	#6	10'-2"	—
a2(E)	12	#4	11'-2"	—
d(E)	18	#4	4'-5"	
h(E)	44	#6	13'-2"	—
h1(E)	14	#6	10'-0"	—
h2(E)	30	#7	8'-0"	
h3(E)	18	#7	16'-4"	
h4(E)	12	#7	15'-3"	
h5(E)	30	#6	8'-0"	—
h6(E)	18	#6	13'-3"	
h7(E)	12	#6	12'-9"	
h8(E)	12	#5	5'-4"	—
h9(E)	12	#5	7'-9"	—
s(E)	22	#4	6'-1"	
s1(E)	22	#4	5'-6"	
v(E)	60	#4	7'-6"	—
v1(E)	24	#4	10'-10"	—
v2(E)	12	#4	12'-2"	
x(E)	84	#4	5'-1"	
Reinf. Bars, Epoxy Coated			Pounds	6,310
Concrete Box Culverts			Cu. Yd.	35.0



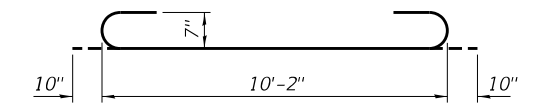
NORTHWEST AND SOUTHEAST WINGWALL ELEV. - (LONG WING)



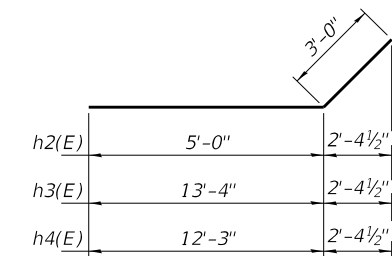
NORTHEAST AND SOUTHWEST WINGWALL ELEV. - (SHORT WING)



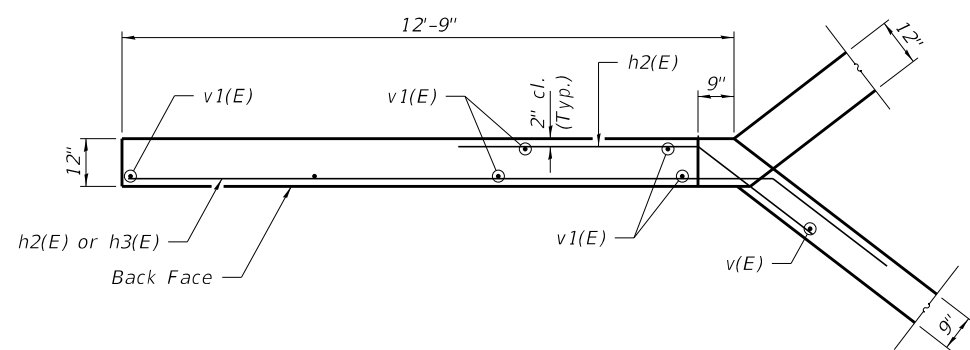
BAR x(E)



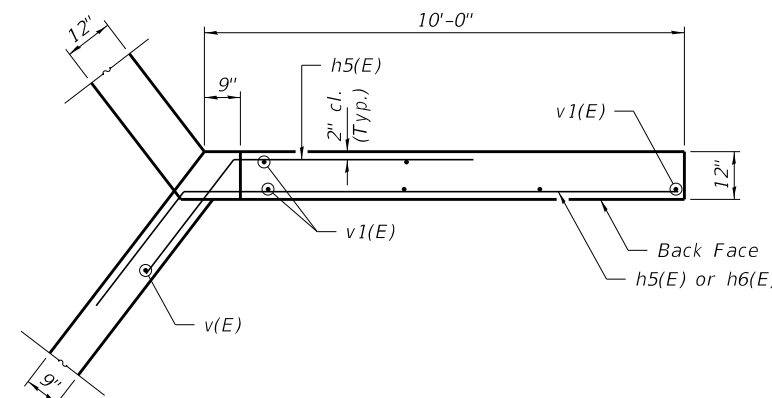
BAR a(E)



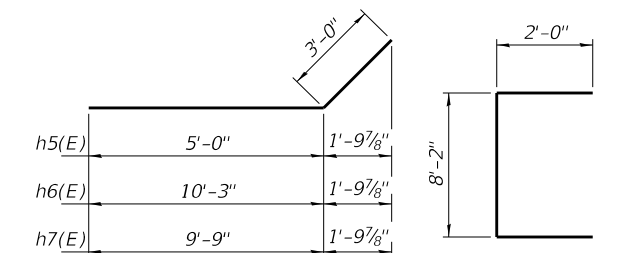
BARS h2(E), h3(E) & h4(E)



NORTHWEST AND SOUTHEAST WINGWALL UPPER PLAN - (LONG WING)

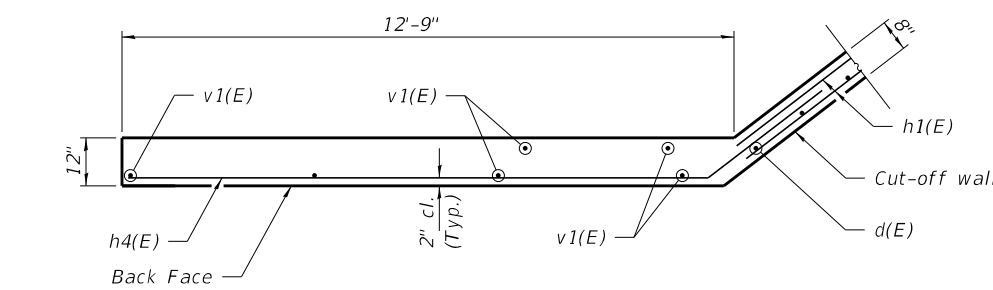


NORTHEAST AND SOUTHWEST WINGWALL UPPER PLAN - (SHORT WING)

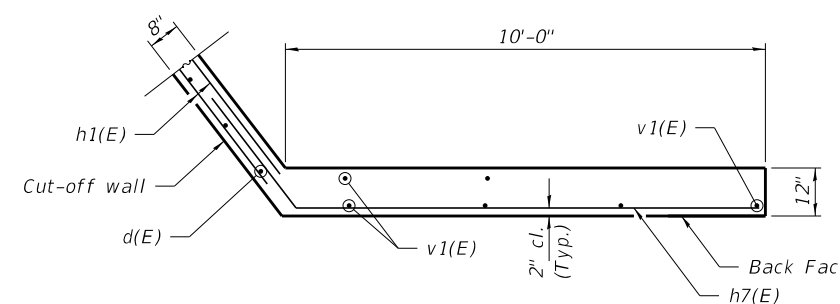


BARS h5(E), h6(E) & h7(E)

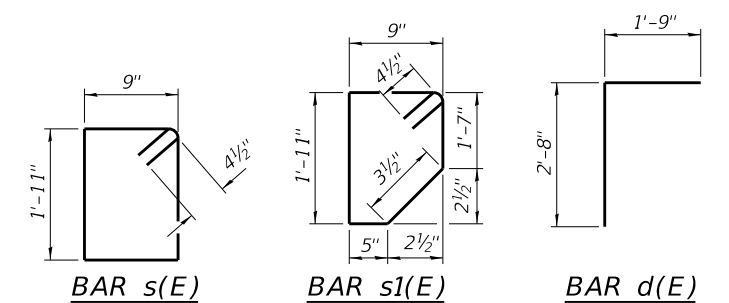
BAR v2(E)



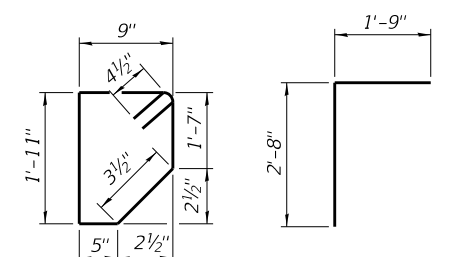
NORTHWEST AND SOUTHEAST WINGWALL LOWER PLAN - (LONG WING)



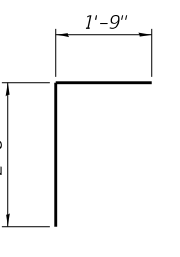
NORTHEAST AND SOUTHWEST WINGWALL LOWER PLAN - (SHORT WING)



BAR s(E)



BAR s1(E)



BAR d(E)

NOTES

1. For Bill of Material and reinforcement bars summary see sheet 1 of 4.
2. B.F. denotes Back Face and F. F. denotes Front Face.

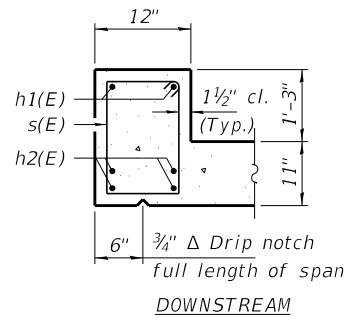
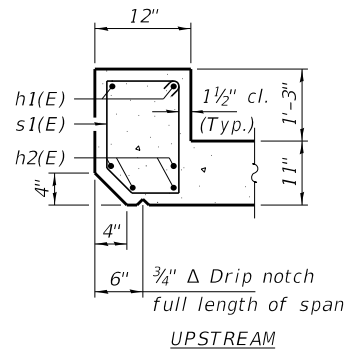
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HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT SCALE =	CHECKED - S.W.M.	REVISED -
	PLOT DATE = 11/9/2018	DRAWN - R.D.H.	REVISED -
		CHECKED - S.W.M.	REVISED -

**STATE OF ILLINOIS
FAYETTE COUNTY HIGHWAY DEPARTMENT**

**CULVERT DETAILS
ALTAMONT ROAD**

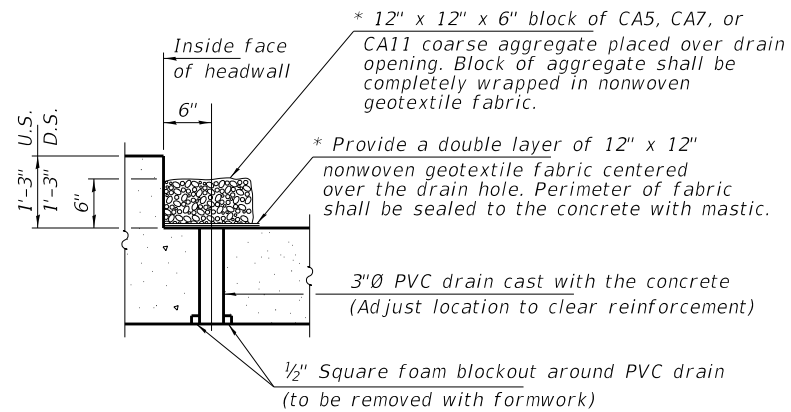
SHEET NO. 3 OF 4 SHEETS

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	14-00127-00-RS	FAYETTE	26	15
ALTAMONT ROAD		CONTRACT NO. 95842		
ILLINOIS		FED. AID PROJECT I244(317)		



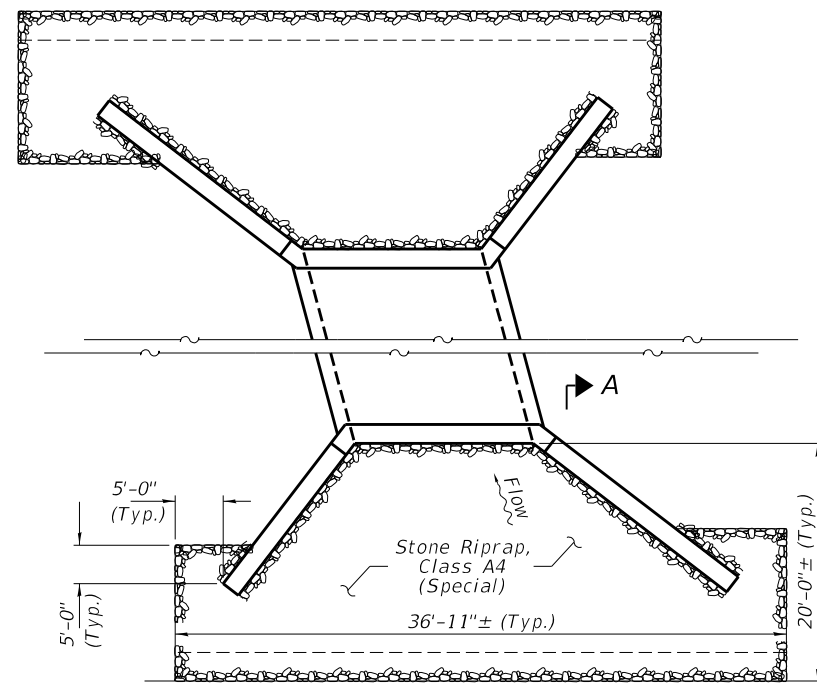
SECTION THRU HEADWALL

* Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

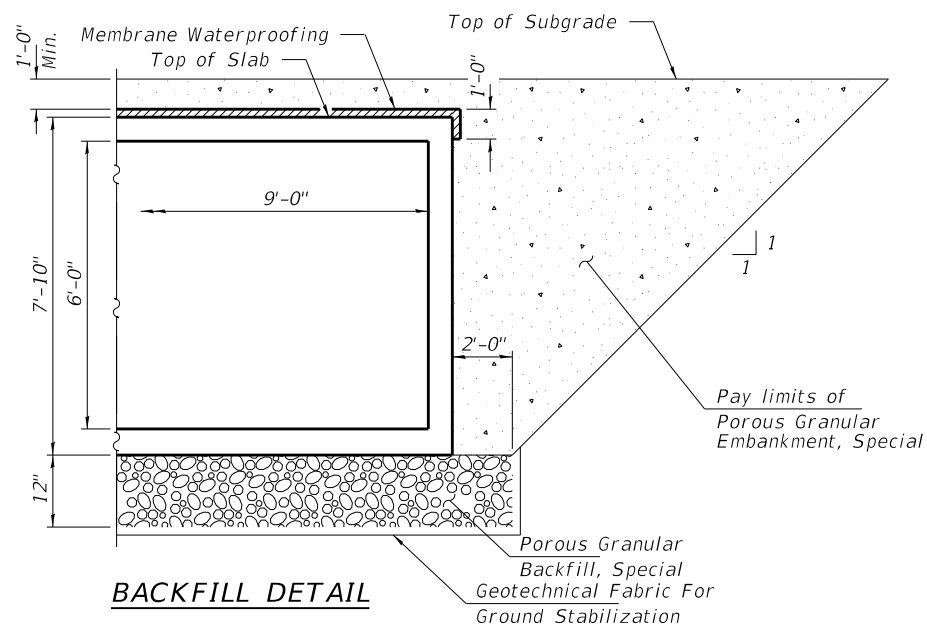


DRAIN DETAIL

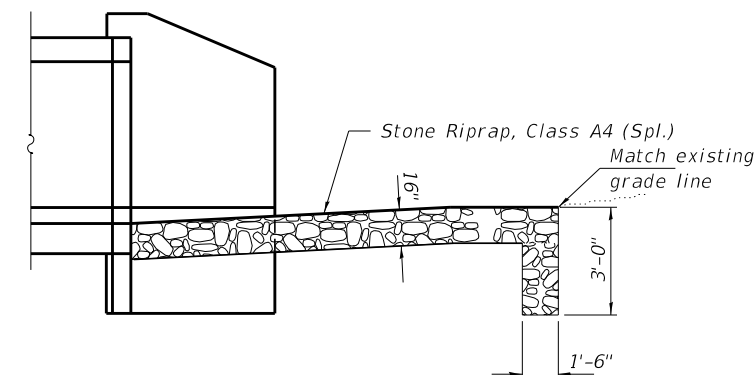
(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for Concrete Box Culverts.)



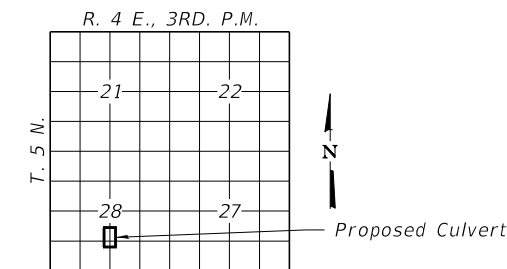
RIPRAP LAYOUT



BACKFILL DETAIL



SECTION A-A



LOCATION SKETCH

FILE NAME = 170549-shl-culvert.dgn	USER NAME = rmosck	DESIGNED - R.D.H.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S./P.E./S.E. CORP. 184.000959		CHECKED - S.W.M.	REVISED -
	PLOT SCALE =	DRAWN - R.D.H.	REVISED -
	PLOT DATE = 11/9/2018	CHECKED - S.W.M.	REVISED -

STATE OF ILLINOIS
FAYETTE COUNTY HIGHWAY DEPARTMENT

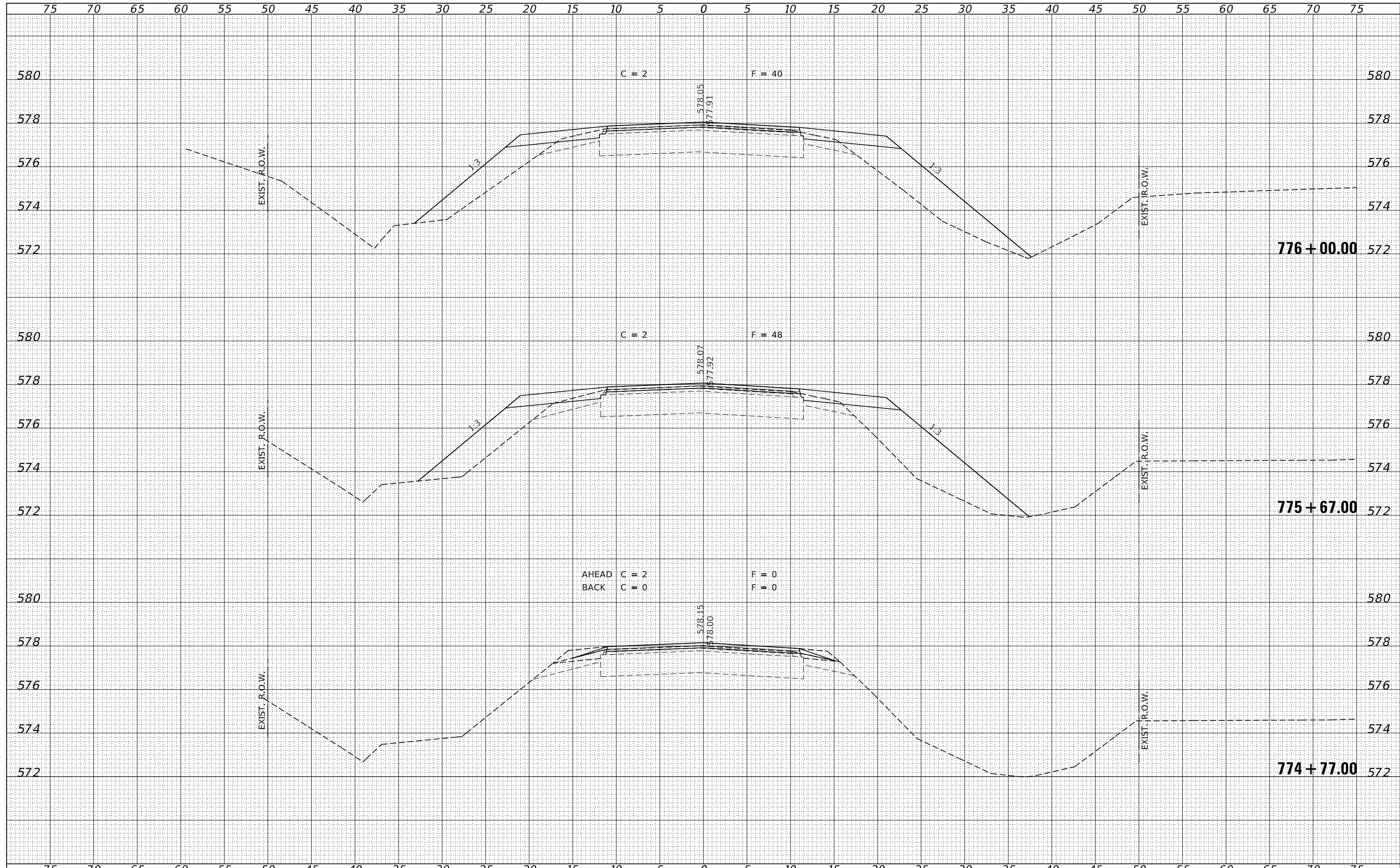
CULVERT DETAILS
ALTAMONT ROAD

SHEET NO. 4 OF 4 SHEETS

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	14-00127-00-RS	FAYETTE	26	16
ALTAMONT ROAD		CONTRACT NO. 95842		
		ILLINOIS	FED. AID PROJECT I2A4(317)	

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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

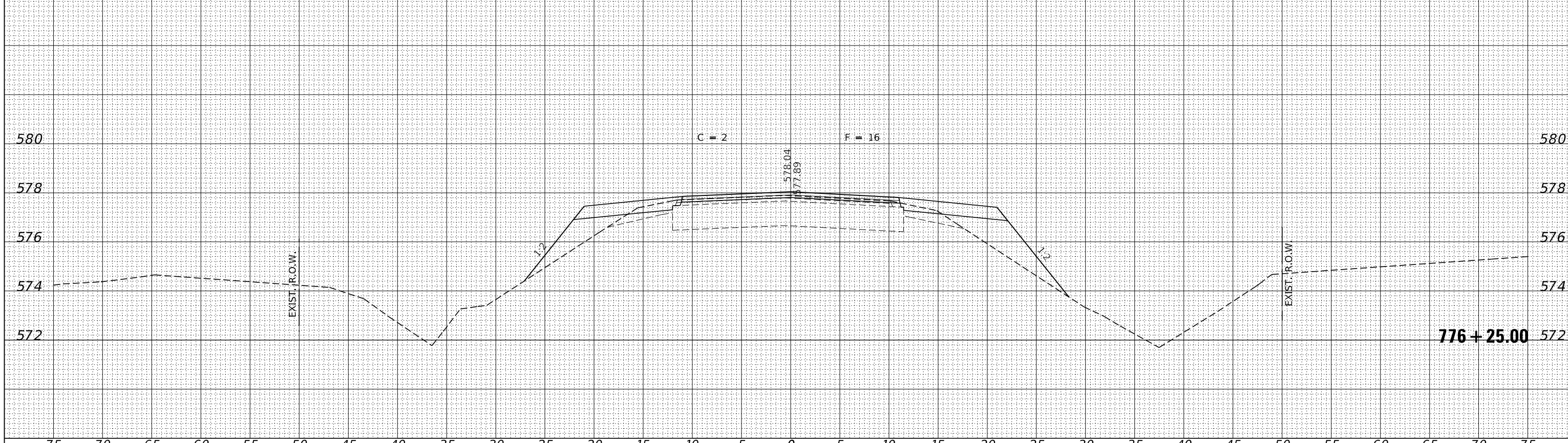
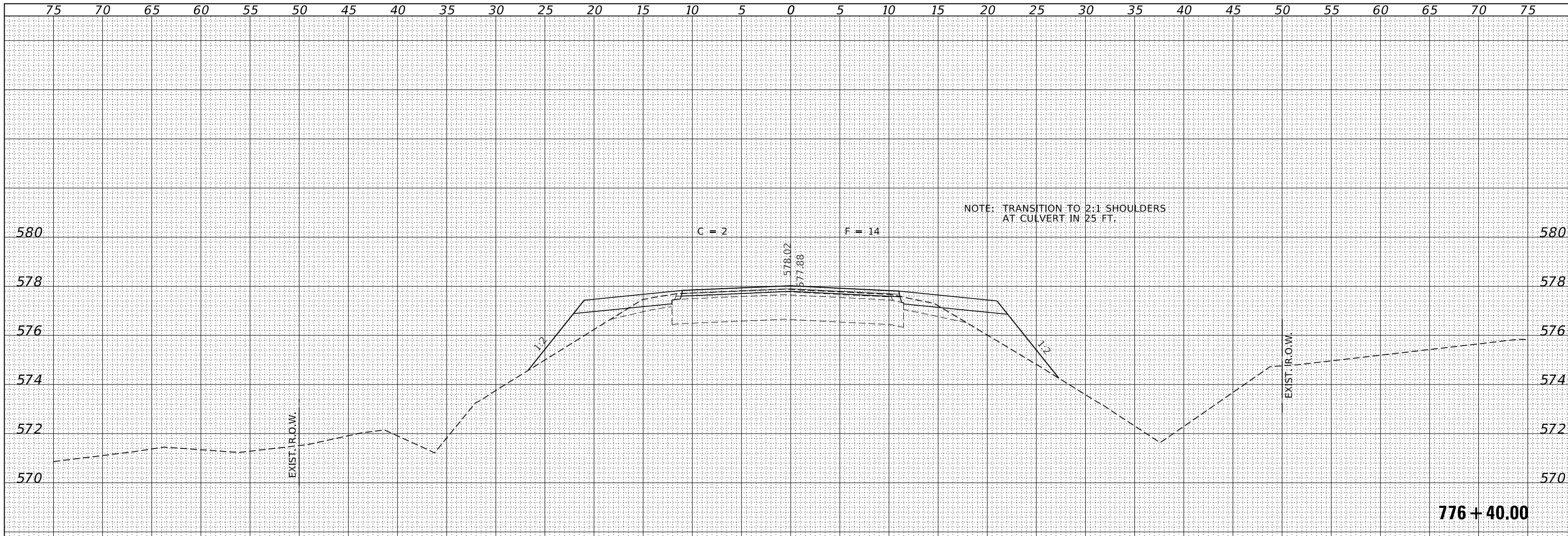
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BY	
SURVEYED	
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TEMPLATE	
AREAS	
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FILE NAME = 170549-eh1-xssheets.dgn	USER NAME = rmosck	DESIGNED - L.L.P.	REVISED -	STATE OF ILLINOIS FAYETTE COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS ALTAMONT ROAD / C.H. 28	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.009958	DRAWN - R.D.H.	REVISED -	711			14-00127-00-RS	FAYETTE	26	17	
PLOT SCALE = \$SCALES	CHECKED - J.W.F.	REVISED -	ALTAMONT ROAD				CONTRACT NO. 95842			
PLOT DATE = 11/9/2018	DATE - 11/08/18	REVISED -	SCALE: 5H:2V				SHEET NO. 1 OF 10 SHEETS	STA. 774+77.00 TO STA. 776+00.00	ILLINOIS FED. AID PROJECT I2A4(317)	

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

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



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	PLOT DATE = 11/9/2018	CHECKED - J.W.F.	REVISED -
		DATE - 11/08/18	REVISED -

STATE OF ILLINOIS
FAYETTE COUNTY HIGHWAY DEPARTMENT

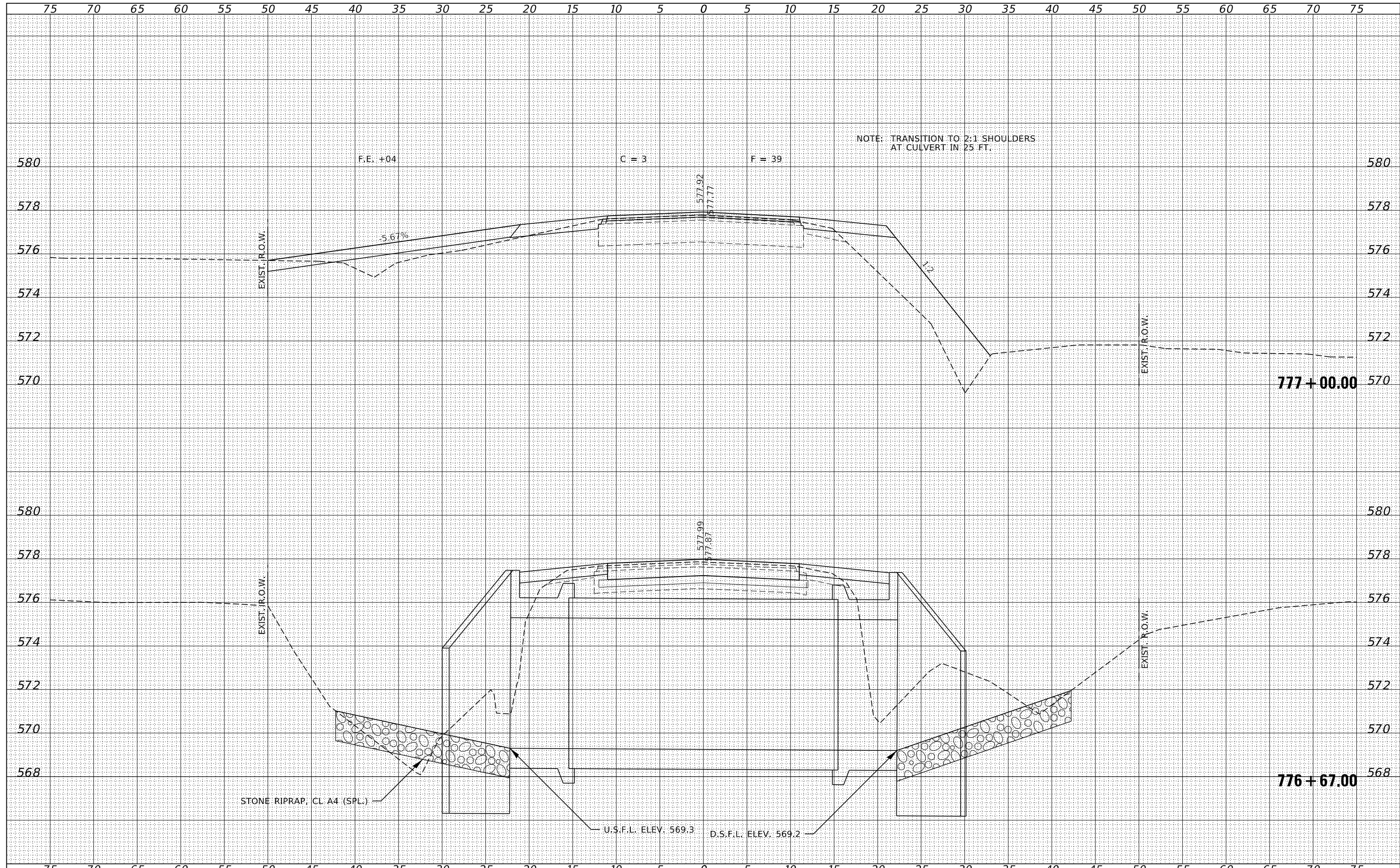
STATION CROSS SECTIONS
ALTAMONT ROAD / C.H. 28

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	14-00127-00-RS	FAYETTE	26	18
ALTAMONT ROAD			CONTRACT NO. 95842	

SCALE: 5H:2V SHEET NO. 2 OF 10 SHEETS STA. 776+25.00 TO STA. 776+50.00 ILLINOIS FED. AID PROJECT I2A4(317)

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

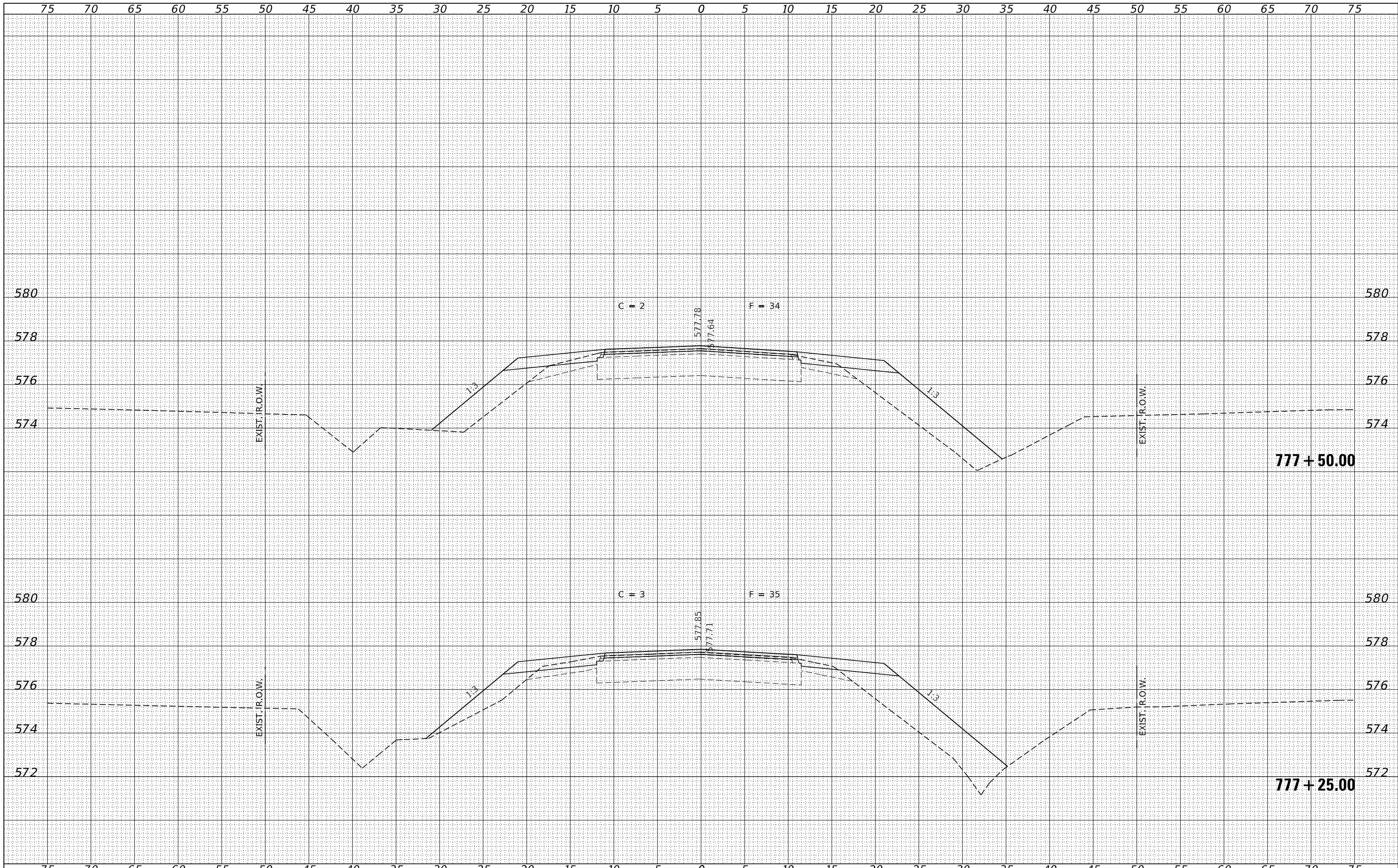
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HAMPTON, LENZINI AND RENWICK, INC.	DRAWN - R.D.H.	REVISED -	711			14-00127-00-RS	FAYETTE	26	19	
3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703	CHECKED - J.W.F.	REVISED -	ALTAMONT ROAD			CONTRACT NO. 95842				
ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184-009958	DATE - 11/08/18	REVISED -	SCALE: 5H:2V			SHEET NO. 3 OF 10 SHEETS	STA. 776+75.00 TO STA. 777+00.00	ILLINOIS FED. AID PROJECT I2A4(317)		

DATE	
BY	
SURVEYED	
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DATE	
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SURVEYED	
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TEMPLATE	
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 DATE - 11/08/18
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 PLOT DATE = 11/9/2018

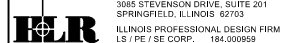
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STATE OF ILLINOIS
 FAYETTE COUNTY HIGHWAY DEPARTMENT

STATION CROSS SECTIONS
 ALTAMONT ROAD / C.H. 28

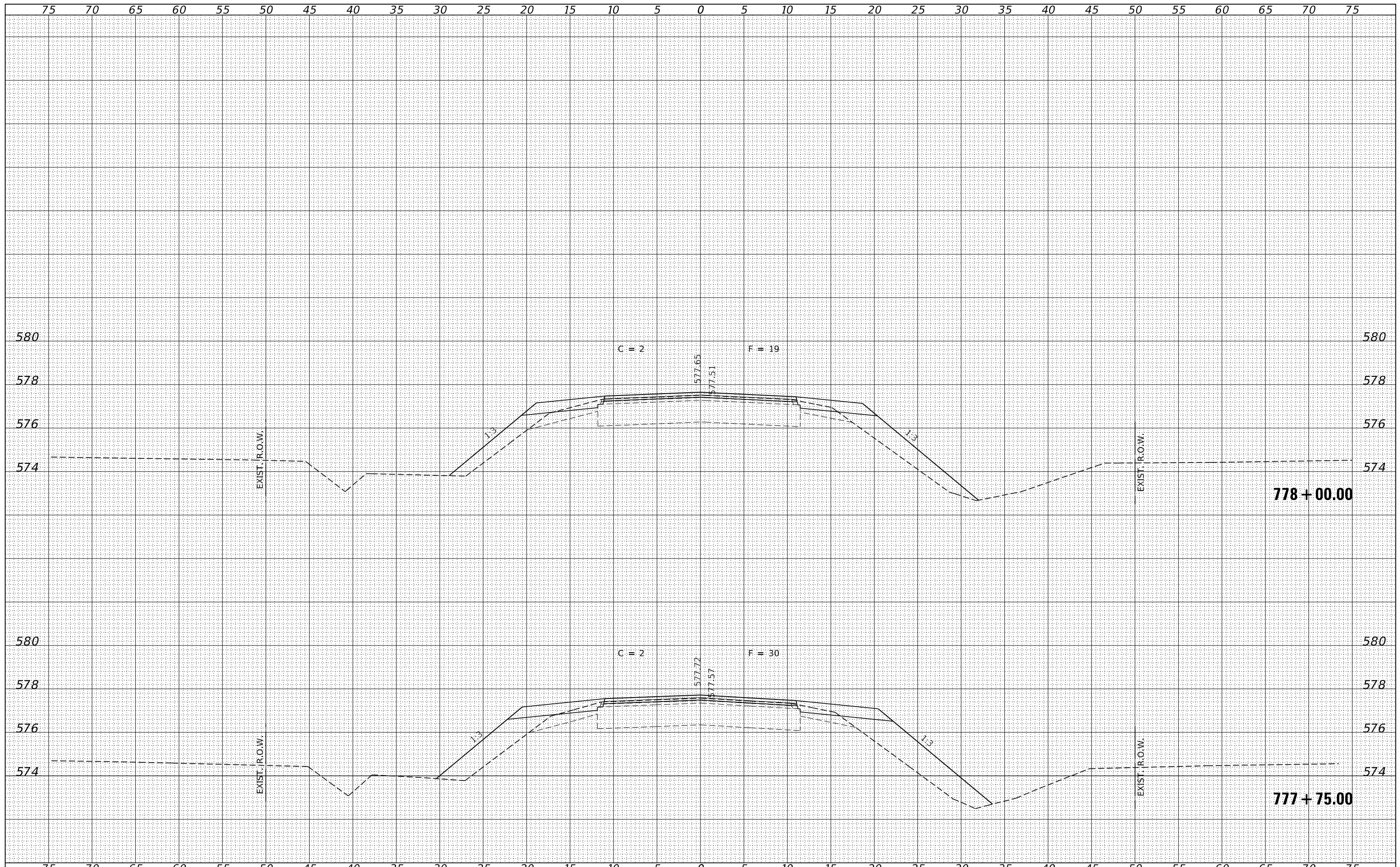
SCALE: 5H:2V SHEET NO. 4 OF 10 SHEETS STA. 777+25.00 TO STA. 777+50.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	14-00127-00-RS	FAYETTE	26	20
ALTAMONT ROAD		CONTRACT NO. 95842		
ILLINOIS FED. AID PROJECT I2A4(317)				



DATE	BY
NO.	FINISHED SURVEY
	NOTE BOOK
	PLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	BY
NO.	ORIGINAL SURVEY
	NOTE BOOK
	PLATE
	AREAS CHECKED
	AREAS CHECKED



FILE NAME = 170549-ehf-xssheets.dgn
HAMPTON, LENZINI AND RENWICK, INC.
 3885 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000958

USER NAME = mosick
 PLOT SCALE = \$SCALES
 PLOT DATE = 11/9/2018

DESIGNED - L.L.P.
 DRAWN - R.D.H.
 CHECKED - J.W.F.
 DATE - 11/08/18

REVISED -
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**STATE OF ILLINOIS
 FAYETTE COUNTY HIGHWAY DEPARTMENT**

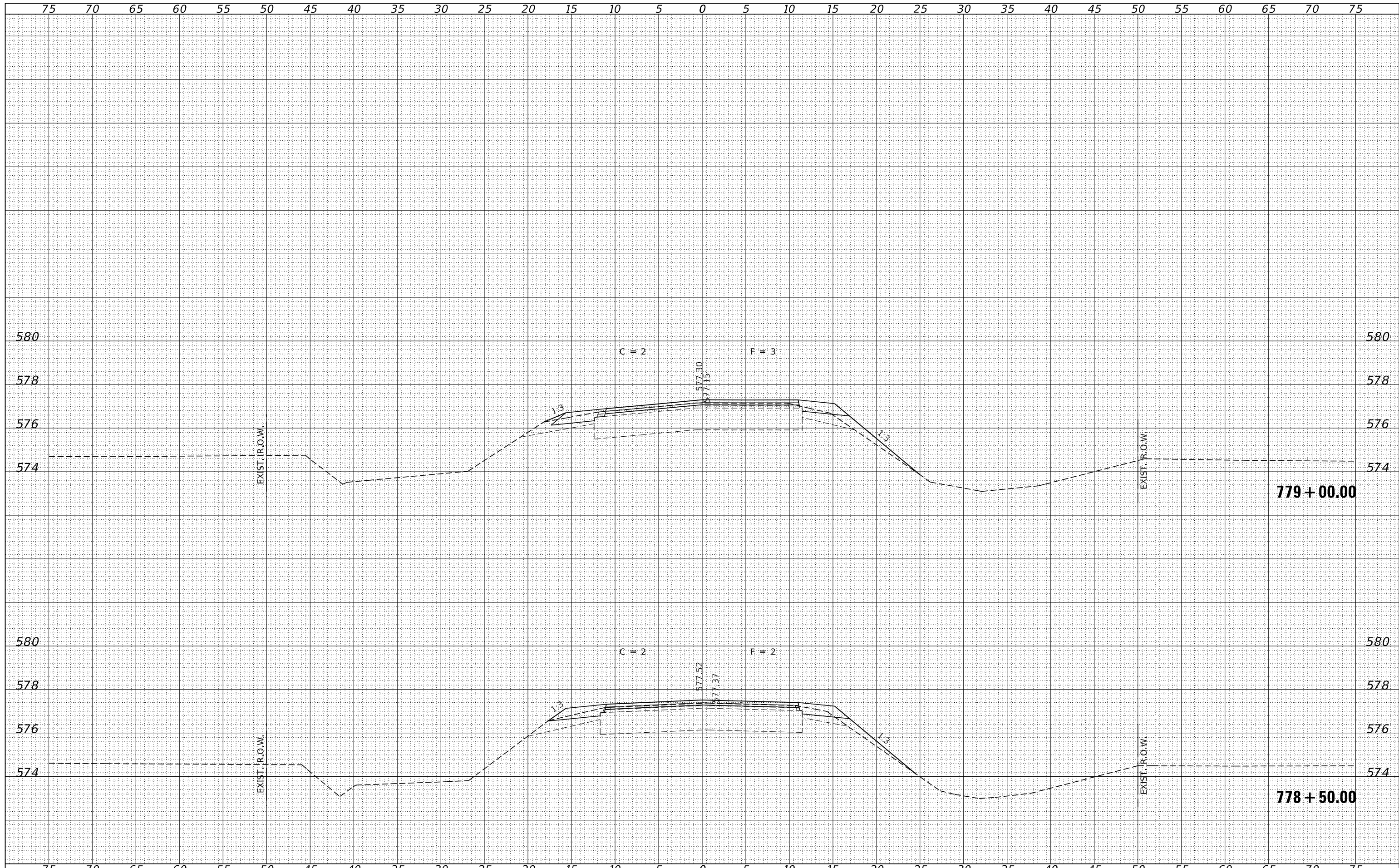
**STATION CROSS SECTIONS
 ALTAMONT ROAD / C.H. 28**

SCALE: 5H:2V SHEET NO. 5 OF 10 SHEETS STA. 777+75.00 TO STA. 778+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	14-00127-00-RS	FAYETTE	26	21
ALTAMONT ROAD		CONTRACT NO. 95842		
ILLINOIS FED. AID PROJECT I2A4(317)				

BY	DATE
FINISH SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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BY	DATE
ORIGINAL SURVEY	SURVEYED
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FILE NAME = 170549-ehf-xssheets.dgn
 HAMPTON, LENZINI AND RENWICK, INC.
 3885 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184-009958

USER NAME = mosick
 PLOT SCALE = \$\$SCALE\$
 PLOT DATE = 11/9/2018

DESIGNED - L.L.P.
 DRAWN - R.D.H.
 CHECKED - J.W.F.
 DATE - 11/08/18

REVISED -
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STATE OF ILLINOIS
 FAYETTE COUNTY HIGHWAY DEPARTMENT

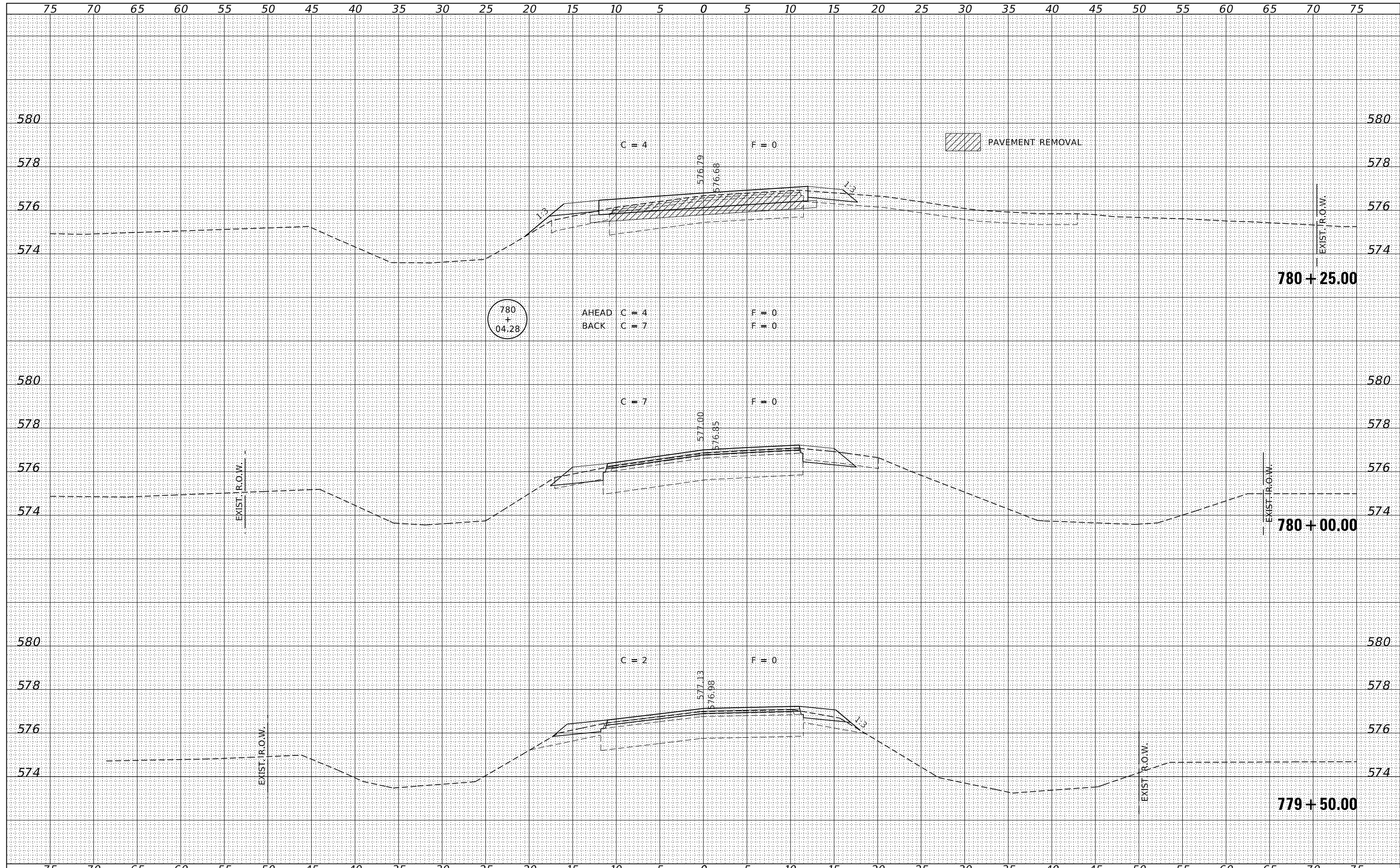
STATION CROSS SECTIONS
 ALTAMONT ROAD / C.H. 28

SCALE: 5H:2V SHEET NO. 6 OF 10 SHEETS STA. 778+50.00 TO STA. 779+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	14-00127-00-RS	FAYETTE	26	22
ALTAMONT ROAD			CONTRACT NO. 95842	
ILLINOIS FED. AID PROJECT I2A4(317)				

DATE	
BY	
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FINISHED SURVEY	
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NOTE BOOK	
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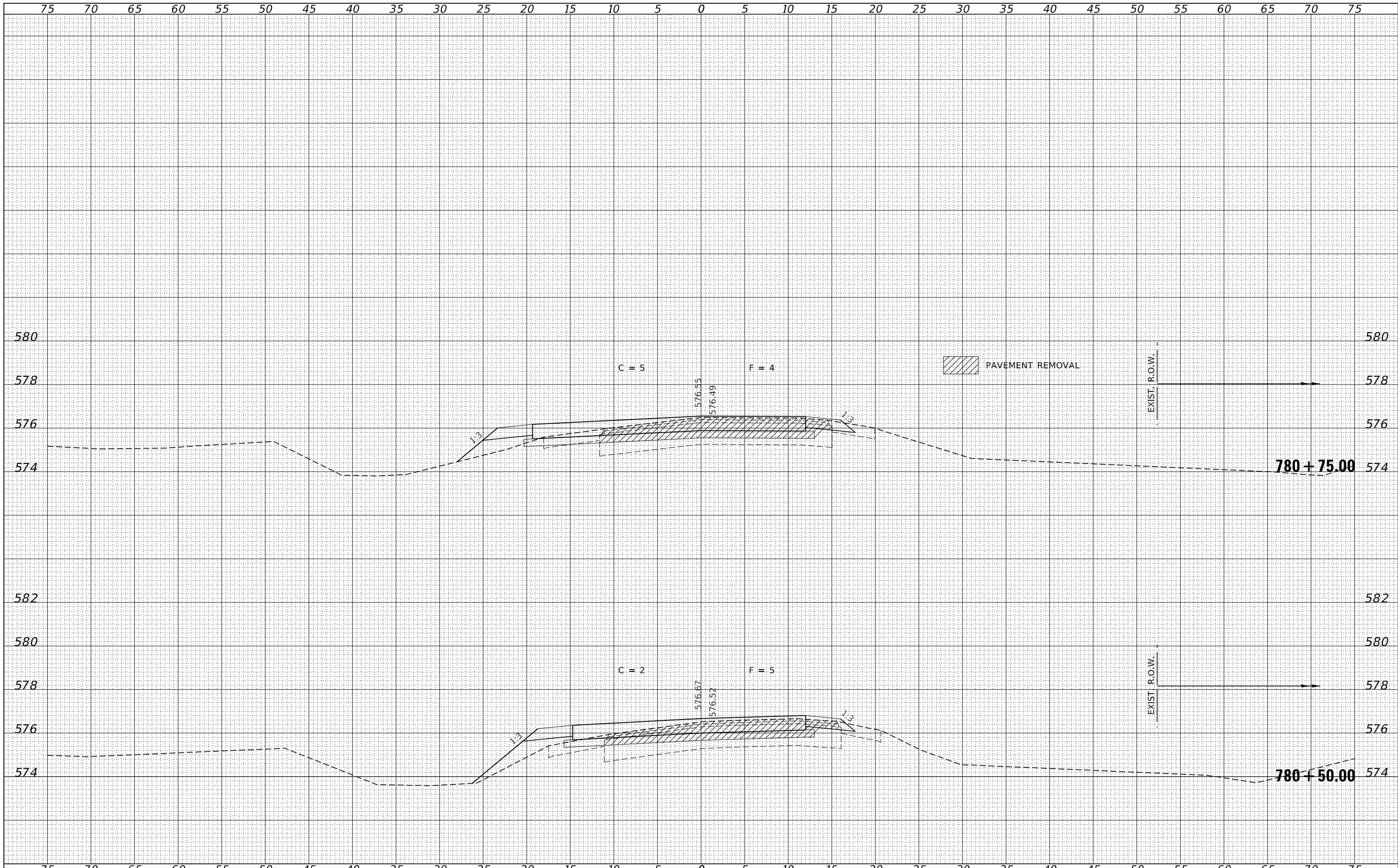
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AREAS CHECKED	



FILE NAME = 170549-ehf-xssheets.dgn	USER NAME = rmosck	DESIGNED - L.L.P.	REVISIONS	STATE OF ILLINOIS FAYETTE COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS ALTAMONT ROAD / C.H. 28	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
HAMPTON, LENZINI AND RENWICK, INC.	3885 STEVENSON DRIVE, SUITE 201	SPRINGFIELD, ILLINOIS 62703	ILLINOIS PROFESSIONAL DESIGN FIRM			LS / PE / SE CORP. 184.009958	711	14-00127-00-RS	FAYETTE	26	23
PLOT SCALE = \$SCALES	CHECKED - J.W.F.	DATE - 11/08/18	REVISIONS			SCALE: 5H:2V	SHEET NO. 7 OF 10 SHEETS	STA. 779+50.00 TO STA. 780+25.00	ILLINOIS FED. AID PROJECT I2A4(317)		
PLOT DATE = 11/9/2018	DATE - 11/08/18	REVISIONS									

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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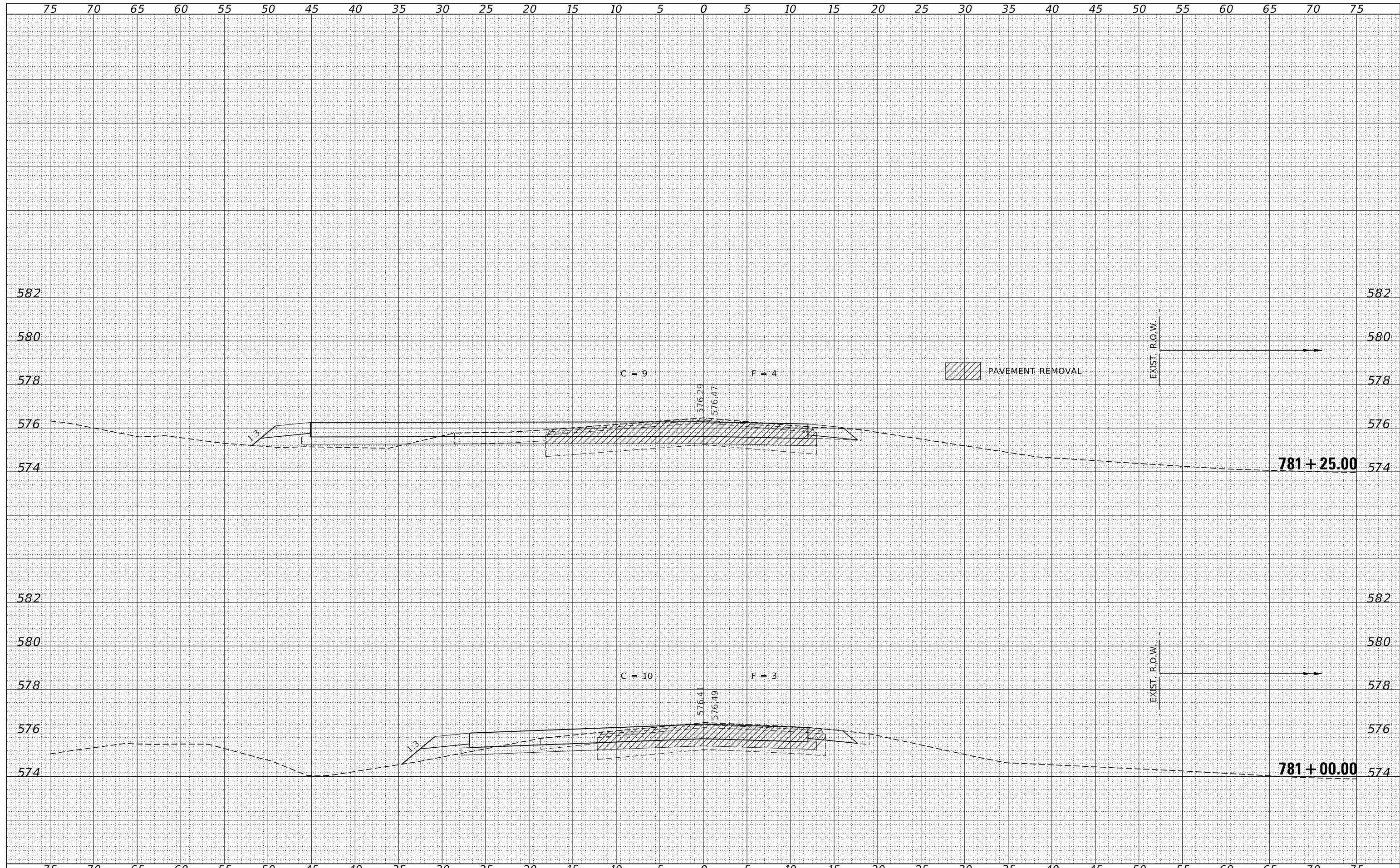
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NO.	TEMPLATE
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FILE NAME = 170549-ehf-xssheets.dgn	USER NAME = rmosck	DESIGNED - L.L.P.	REVISD -	STATE OF ILLINOIS FAYETTE COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS ALTAMONT ROAD / C.H. 28	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC.	DRAWN - R.D.H.	REVISD -	711			14-00127-00-RS	FAYETTE	26	24	
3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L/S / PE / SE CORP. 184.000958	CHECKED - J.W.F.	REVISD -	ALTAMONT ROAD			CONTRACT NO. 95842		ILLINOIS	FED. AID PROJECT I2A4(317)	
PLOT SCALE = \$SCALES	DATE - 11/08/18	REVISD -	SCALE: 5H:2V			SHEET NO. 8 OF 10 SHEETS	STA. 780+50.00 TO STA. 780+75.00			

DATE	
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ORIGINAL SURVEY	
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NOTE BOOK	
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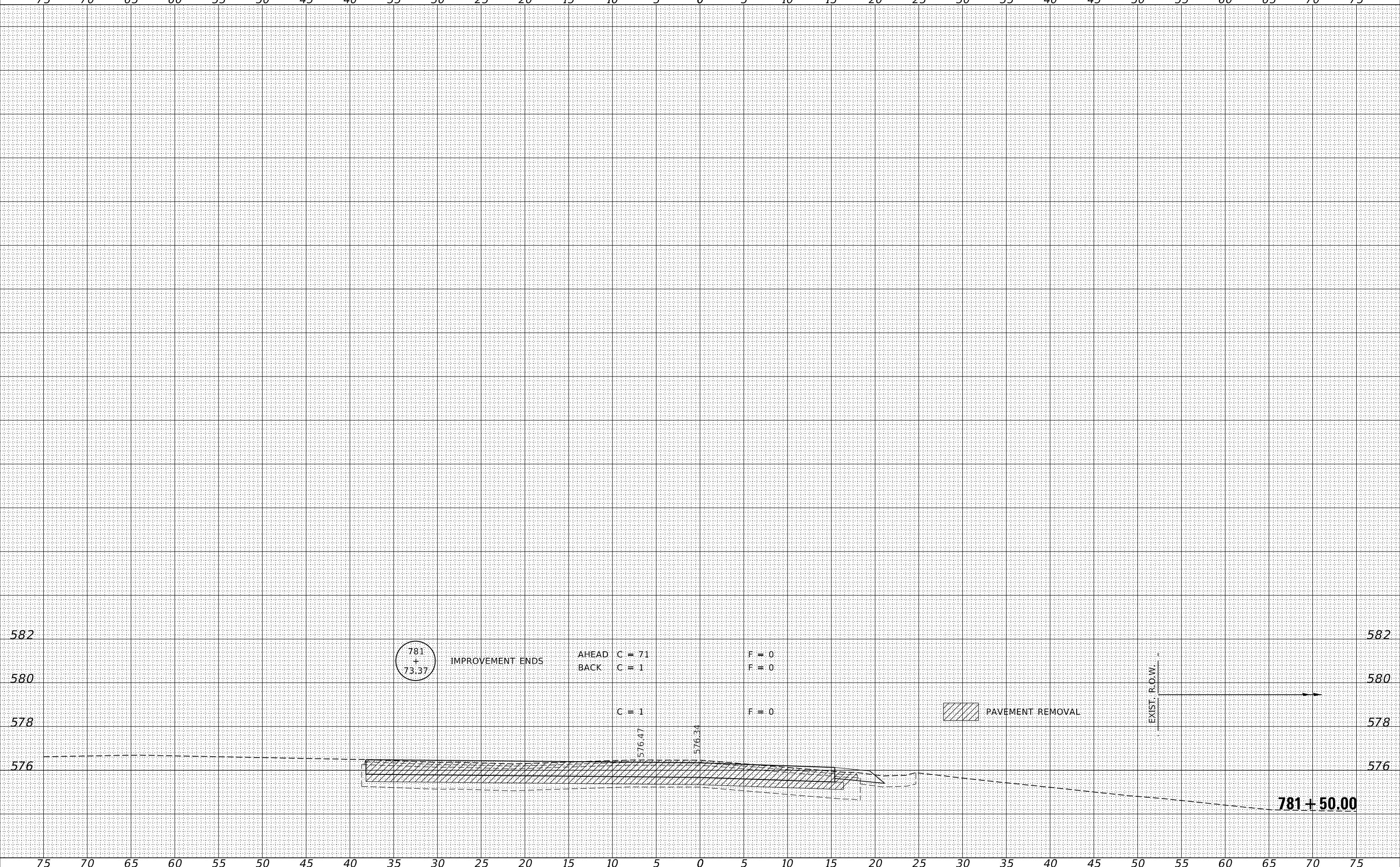


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HAMPTON, LENZINI AND RENWICK, INC.	DRAWN - R.D.H.	REVISED -	711			14-00127-00-RS	FAYETTE	26	25	
3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.009958	CHECKED - J.W.F.	REVISED -	ALTAMONT ROAD			CONTRACT NO. 95842				
PLOT SCALE = \$S\$CALES	DATE - 11/08/18	REVISED -	ILLINOIS FED. AID PROJECT I2A4(317)							
PLOT DATE = 11/9/2018				SCALE: 5H:2V	SHEET NO. 9 OF 10 SHEETS	STA. 781+00.00 TO STA. 781+25.00				

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

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

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



FILE NAME = 170549-ehf-vssheets.dgn
 DESIGNED - L.L.P.
 DRAWN - R.D.H.
 CHECKED - J.W.F.
 DATE - 11/08/18

USER NAME = mosck
 PLOT SCALE = \$S\$CALES
 PLOT DATE = 11/9/2018

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STATE OF ILLINOIS
FAYETTE COUNTY HIGHWAY DEPARTMENT

STATION CROSS SECTIONS
ALTAMONT ROAD / C.H. 28

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	14-00127-00-RS	FAYETTE	26	26
ALTAMONT ROAD		CONTRACT NO. 95842		

SCALE: 5H:2V SHEET NO. 10 OF 10 SHEETS STA. 781+50.00 TO STA. 781+50.00 ILLINOIS FED. AID PROJECT I2A4(317)

