

04-27-2018 LETTING ITEM 211

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STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED MULTI-USE PATH

STU FUNDS

SECTION: 15-00024-01-BT

PROJECT: #A89V(102)

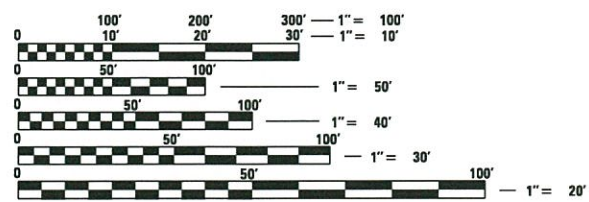
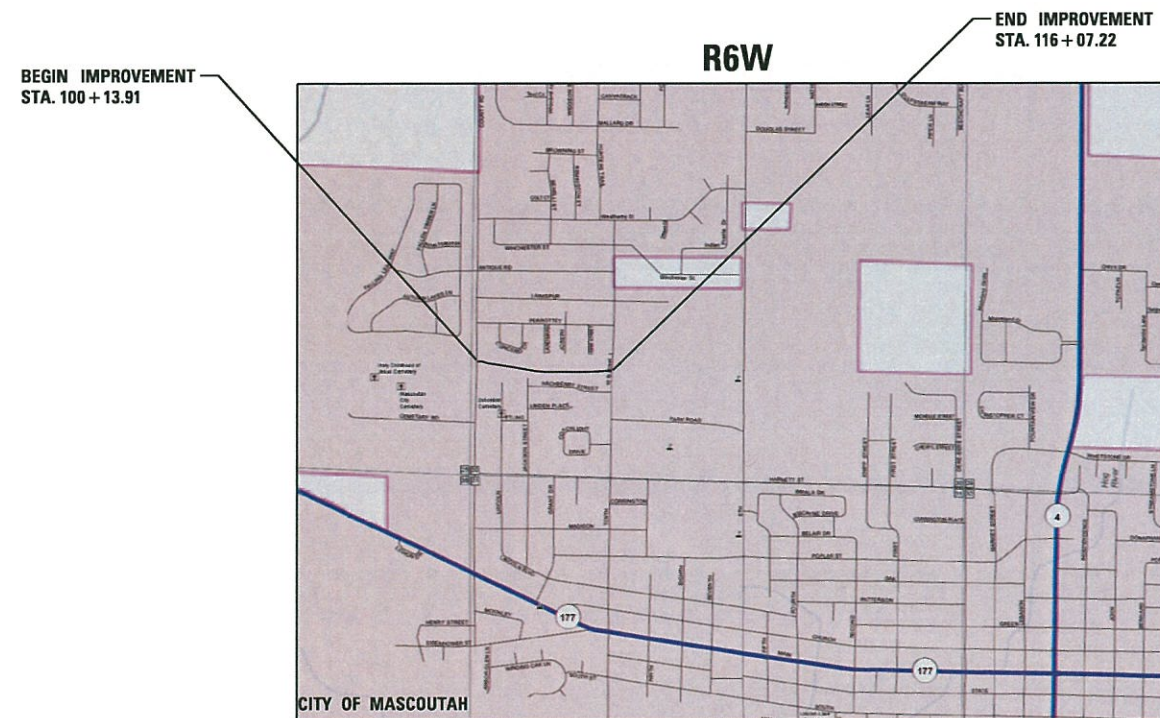
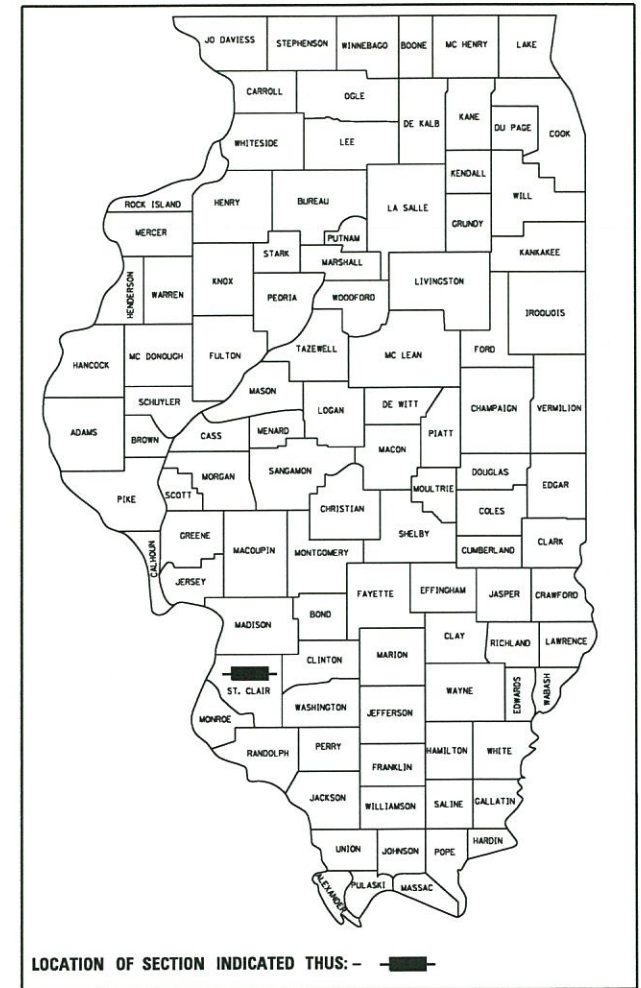
CITY OF MASCOUTAH

BERM MULTI-USE PATH PHASE II

ST. CLAIR COUNTY

JOB NUMBER C-98-254-18

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00024-01-BT	ST. CLAIR	33	1
		ILLINOIS	CONTRACT NO. 97668	



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

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

LOCATION MAP
N.T.S.

GROSS LENGTH = 1,593.31 FT. = 0.302 MILE
NET LENGTH = 1,593.31 FT. = 0.302 MILE



Jeffrey R. Reis 2/2/18
JEFFREY REIS, PE
LICENSE NO. 062-063262
DATE
EXP. 11 /30 /19

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED 2/2 20 18
David E. Dougherty
MAYOR
CITY OF MASCOUTAH

PASSED Feb 15 20 18
David M. ...
DISTRICT 8 ENGINEER
LOCAL ROADS & STREETS

RELEASED FOR
BID BASED ON
LIMITED REVIEW Feb 15 20 18
Jeffrey L. Kern JEM
REGION 5 ENGINEER

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OF THE STATE OF ILLINOIS

GENERAL

FOR CODED PAY ITEM DESCRIPTIONS, INCLUDED ITEMS, AND ALL MATERIAL SPECIFICATIONS, PLEASE REFER TO THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE CONTRACTOR SHALL CONFINE HIS/HER OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN ON PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

IT IS NOT WARRANTED THAT THIS DOCUMENT CONTAINS COMPLETE INFORMATION REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, RIGHT-OF-WAYS, BUILDING LINE SETBACKS, AND OTHER ENCUMBRANCES. FOR COMPLETE INFORMATION, A TITLE OPINION OR COMMITMENT FOR TITLE INSURANCE SHOULD BE OBTAINED AND THOROUGHLY REVIEWED.

ELECTRONIC DRAWINGS FILES WILL NOT BE PROVIDED TO THE CONTRACTOR OR SUB-CONTRACTOR AT ANY TIME.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF MASCOUHAH AT LEAST SEVENTY TWO (72) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

UTILITIES - LOCATIONS/INFORMATION ON PLANS

UNLESS NOTED OTHERWISE, THE TYPE, SIZE, DEPTH AND LOCATION OF EXISTING GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS DELINEATED ON THE PLANS HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS-BUILT" OR RECORD DRAWINGS, FIELD SURVEY OF J.U.L.I.E. MARKED UTILITIES, OR FIELD SURVEY OF ABOVE GROUND SURFACE UTILITY FEATURES. THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM OR VERIFY THE UTILITIES SHOWN ON THESE PLANS; THEREFORE THEIR EXACT LOCATION, SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE. THE EXISTING LOCATION OF ALL UNDERGROUND ELECTRIC, UNDERGROUND TELEPHONE, CABLE, SANITARY SEWER LINES, AND UNDERGROUND GAS LINES HAVE BEEN APPROXIMATED AT MINIMUM DEPTHS OF 30", 24", 24", 30", AND 30"-54"; RESPECTIVELY.

THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT. THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.

ANY FACILITIES OR APPURTENANCES, WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL/ADJUSTMENTS AND ADJUST HIS OPERATIONS IN ORDER THAT, THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THE PROJECT MAY PROGRESS IN A REASONABLE MANNER.

UTILITY CONTACTS

FRONTIER COMMUNICATIONS
111 EAST STATE STREET
MASCOUHAH, IL 62258
648-566-9833

CHARTER COMMUNICATIONS (CABLE)
317 WEST MAIN ST.
BELLEVILLE, IL 62220
618-277-7820

AMEREN IP (GAS)
2600 N. CENTER ST.
PO BOX 378, MC 0-10
MARYVILLE, IL 62062
618-346-1279
ATTN: DON EUJER

CITY OF MASCOUHAH (ELECTRIC, WATER & SEWER)
3 WEST MAIN ST
MASCOUHAH, IL 62258
618-566-2964

TREE REMOVAL

EVERY TREE SHALL BE SAVED, IF POSSIBLE. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER. THE CITY SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS.

TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE THEIR FACILITIES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS.

IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURAL (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.

EROSION CONTROL

ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE IMPLEMENTED AS SHOWN ON THE EROSION CONTROL PLAN.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS, OR IF THE EROSION PLAN STRUCTURES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO INSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.

DRAINAGE DURING CONSTRUCTION

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING VARIOUS STAGES OF CONSTRUCTION. THIS INCLUDES ALL LABOR MATERIALS USED BEYOND WHAT IS SPECIFIED IN THE PLANS. ITEMS SUCH AS TEMPORARY DITCHES AND PIPES DEEMED NECESSARY FOR MAINTAINING DRAINAGE ARE CONSIDERED TO BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL NOT BE PAID SEPARATELY.

TRAFFIC CONTROL

ALL TRAFFIC CONTROL INCLUDING BUT NOT LIMITED TO, WORK ZONE, TEMPORARY, AND PERMANENT, SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED, AND/OR REMOVED IN ACCORDANCE WITH SECTION 701 OF THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE.

SIGNS

EXISTING SIGNS SHALL BE REMOVED, STORED, AND RE-ERECTED AS SHOWN IN THE PLANS.

SIGNS NOT RE-ERECTED WILL REVERT BACK TO RESPONSIBLE PARTY, WHETHER IT BE THE CITY OF MASCOUHAH OR THE ILLINOIS DEPARTMENT OF TRANSPORTATION. ENGINEER WILL CONTACT APPROPRIATE AGENCY FOR SIGN RETURN. FOR ILLINOIS DEPARTMENT OF TRANSPORTATION SIGNS, CONTACT JEAN SLAPE AT 618/394-2189.

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424016-04	MID-BLOCK CURB RAMPS FOR SIDEWALKS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGN MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS

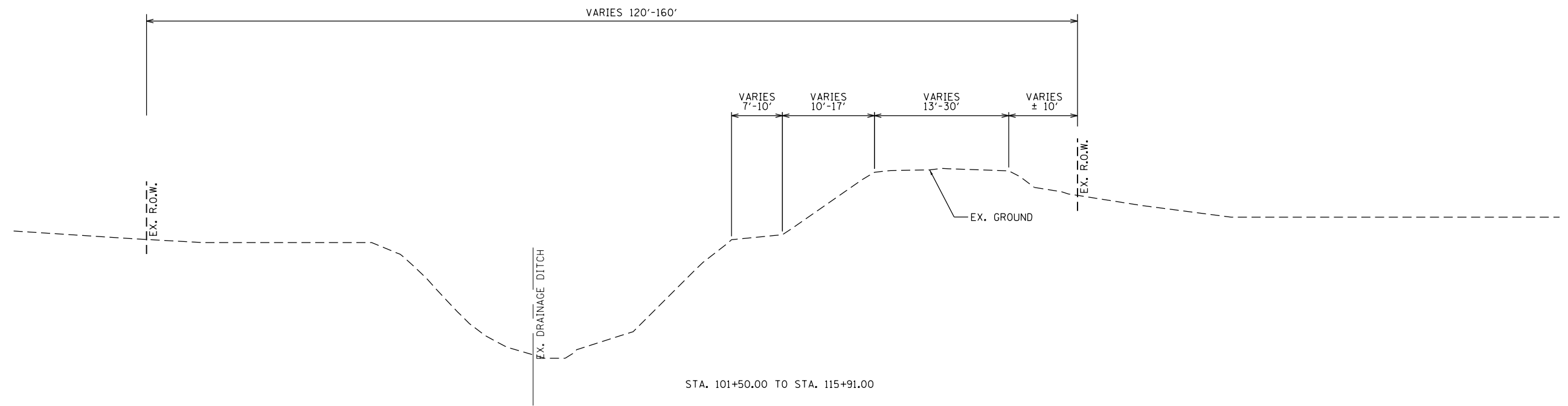
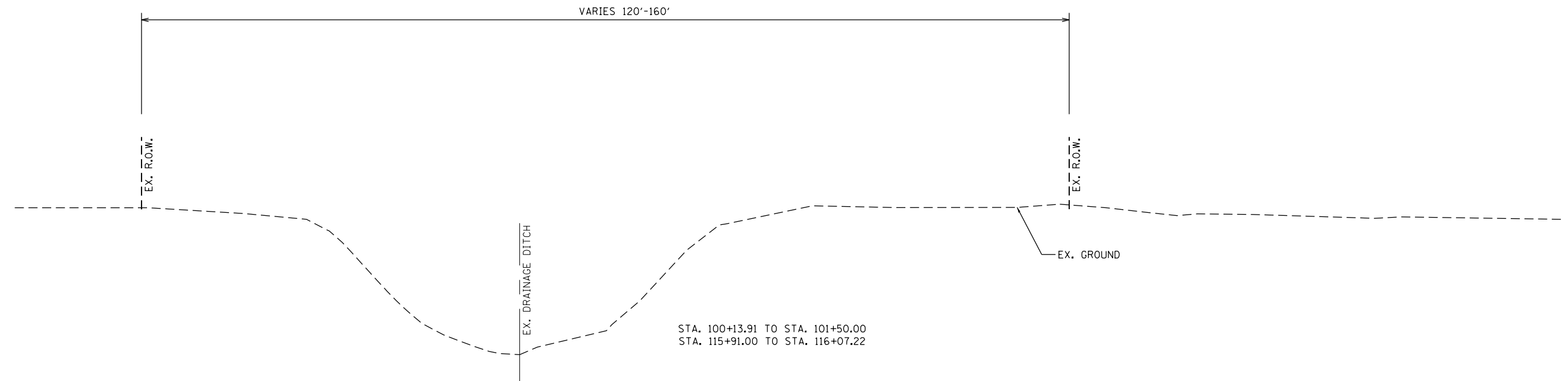
COMMITMENTS


NONE

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PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -							15-00024-01-BT	ST. CLAIR	33	2
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PLOT DATE = 1/25/2018 3:33:49 PM	DATE - SUBMITTAL DATE	REVISED -			SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	797
25000100	SEEDING, CLASS 1	ACRE	0.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	60
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	60
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	60
25100115	MULCH, METHOD 2	ACRE	0.75
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	130
28000305	TEMPORARY DITCH CHECKS	FOOT	12
28000400	PERIMETER EROSION BARRIER	FOOT	3159
28000500	INLET AND PIPE PROTECTION	EACH	1
28100105	STONE RIPRAP, CLASS A3	SQ YD	9
35101400	AGGREGATE BASE COURSE, TYPE B	TON	702
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	4118
40603310	HOT-MIX-ASPHALT SURFACE COURSE, MIX "C", N50	TON	300
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	344
42400800	DETECTABLE WARNINGS	SQ FT	40
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	11
44000600	SIDEWALK REMOVAL	SQ FT	120
542C1057	PIPE CULVERTS, CLASS C, TYPE 2 12"	FOOT	44
67100100	MOBILIZATION	L SUM	1
Δ 72000100	SIGN PANEL-TYPE 1	SQ FT	13
Δ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	50
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FOOT	552
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	FOOT	53
Z0004002	BOLLARDS	EACH	3
X0301797	GATE REMOVAL	EACH	1
Δ X0322881	TREE TRIMMING	EACH	26
X0350805	FOLD DOWN BOLLARDS	EACH	2
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1
Z0013798	CONSTRUCTION LAYOUT	LSUM	1
# Z0076600	TRAINEES	HOURL	500
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500

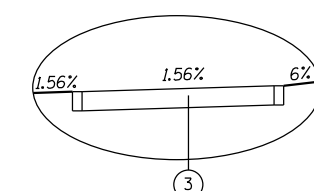
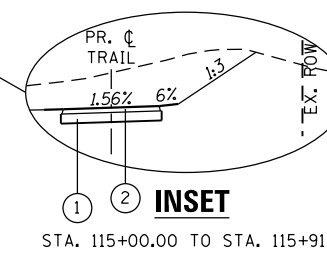
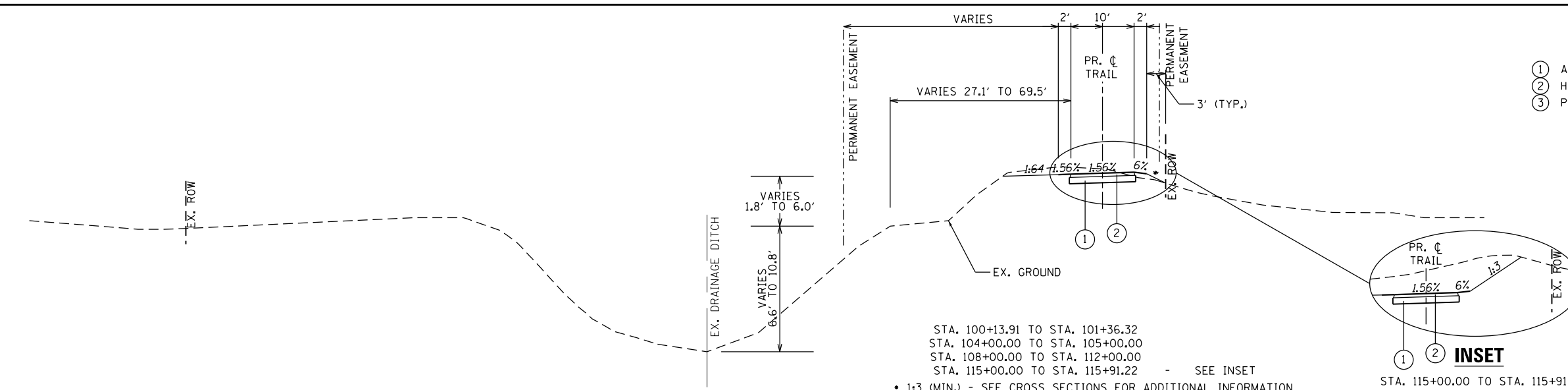
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0042



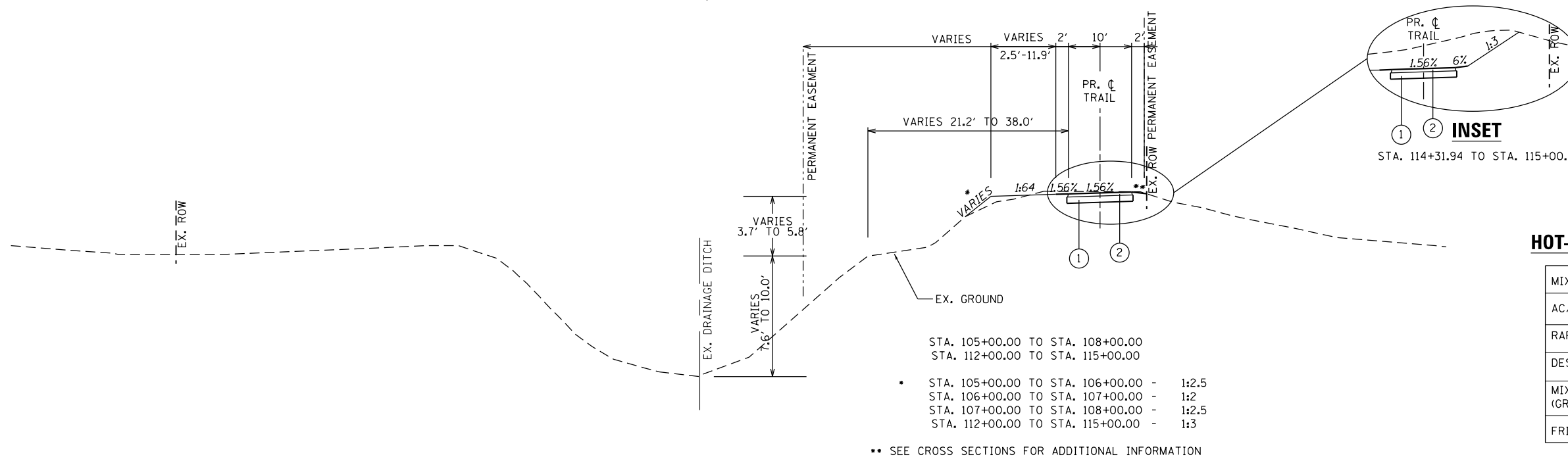
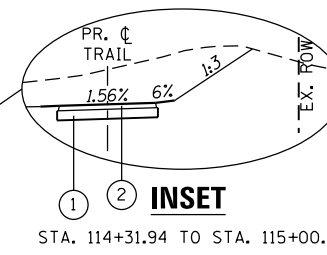
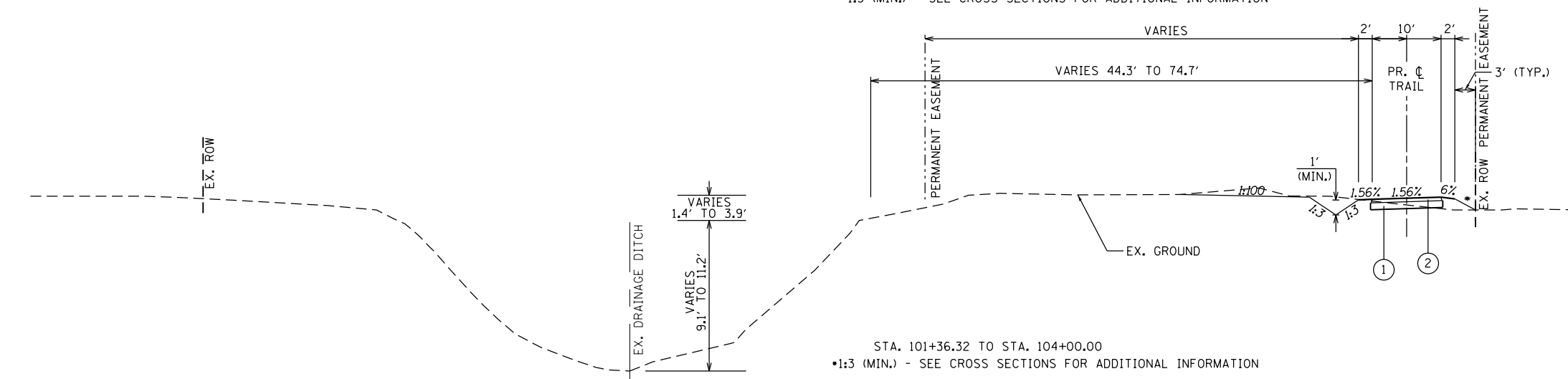
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PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -						15-00024-01-BT	ST. CLAIR	33	4		
USER NAME = jreis	CHECKED -	REVISED -			SCALE: NONE			SHEET NO. 1	OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 97668	
PLOT DATE = 1/25/2018 3:53:05 PM	DATE - SUBMITTAL DATE	REVISED -			SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES							ILLINOIS FED. AID PROJECT	

PR. LEGEND

- ① AGGREGATE BASE COURSE, TYPE B, 6"
- ② HOT-MIX-ASPHALT SURFACE COURSE, MIX "C", N50, 3"
- ③ PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH



PR. CURB RAMP
 STA. 100+13.91 TO STA. 100+22.48
 STA. 115+91.22 TO STA. 116+07.22



HOT-MIX ASPHALT MIX REQUIREMENTS

MIXTURE USE	SURFACE
AC/PG	PG 64-22
RAP% (MAX)	20%
DESIGN AIR Voids	4.0% @ Ndes=50
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5
FRICTION AGG	MIXTURE "C"

PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 0.056 TON/SY/IN

EARTHWORK SCHEDULE							
LOCATION			EARTH EXCAVATION CU YD	FOR INFORMATION ONLY			FURNISHED EXCAVATION CU YD
				EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE CU YD	EMBANKMENT CU YD	BALANCE WASTE (+) SHORTAGE (-) CU YD	
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD	CU YD
100+15.91	TO	116+07.22	797	597.8	165	432.8	
TOTAL:			797	598	165	433	0

SIDEWALK SCHEDULE					
LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK	DETECTABLE WARNING
				6 INCH	
STATION	TO	STATION	NOTES	SQ FT	SQ FT
100+13.91	TO	100+18.48	GUT. INCLUDED	45.7	20.0
100+15.91	TO	100+22.98	CURB RT	6.0	
100+15.91	TO	100+22.98	CURB LT	6.0	
100+18.48	TO	100+22.48		40.0	
100+18.48	TO	100+22.48	RT	20.0	
100+18.48	TO	100+22.48	LT	60.0	
115+91.22	TO	116+01.22		100.0	
116+01.22	TO	116+07.22	CURB INCLUDED	66.0	20.0
TOTAL:				344	40

SEEDING SCHEDULE								
LOCATION			SEEDING, CLASS 1 ACRE	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHORUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	MULCH, METHOD 2 ACRE	TEMP. EROSION CONTROL SEEDING (POUND) (2 APPL.)
100+15.91	TO	116+07.22	0.65	58.7	58.7	58.7	0.65	130.4
PAY TOTAL:			0.75	60	60	60	0.75	130

HOT-MIX ASPHALT PAVING SCHEDULE					
LOCATION			AGGREGATE BASE COURSE, TYPE B TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 TON	BITUMINOUS MATERIALS (PRIME COAT) POUND
100+22.48	TO	115+91.22	701.5	300.2	4118
TOTAL:			702	300	4118

REMOVAL SCHEDULE									
LOCATION							COMBINATION CURB AND GUTTER REMOVAL FOOT	SIDEWALK REMOVAL SQ FT	GATE REMOVAL EACH
100+15.91	5.50	LT	TO	100+15.91	5.50	RT	11.0		
100+18.44	20.00	LT	TO	100+22.43	10.00	RT		120.0	
100+47.00	7.00	LT	TO	100+46.98	7.00	RT			1.0
TOTAL:							11	120	1

PIPE CULVERT SCHEDULE							
LOCATION							PIPE CULVERTS, CLASS C, TYPE 2 12" FOOT
103+00.00	12.87	LT	TO	103+00.00	56.92	LT	44.0
TOTAL:							44

SIGNAGE SCHEDULE								
LOCATION			DESCRIPTION				SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
STATION	OFFSET	LT/RT	SIGN	SHAPE	SIZE	SQ FT	FOOT	
100+17.00	9.00	LT	R1-1 (Stop)	Octagon	18 X 18	2.25	14.2	
			M4-6 "END"	Rectangle	12 X 6	0.50		
			D11-1 "BIKE ROUTE"	Rectangle	24 X 18	3.00		
101+17.00	9.00	LT	W3-1 (Stop Ahead)	Rectangle	18 X 18	2.25	12.7	
115+01.00	9.00	RT	W3-1 (Stop Ahead)	Rectangle	18 X 18	2.25	11.9	
116+01.00	9.00	RT	R1-1 (Stop)	Octagon	18 X 18	2.25	11.4	
TOTAL:						13	50	

BOLLARD SCHEDULE				
LOCATION			FOLD DOWN BOLLARDS	BOLLARDS
STATION	OFFSET	LT/RT	EACH	EACH
100+47.00	7.0	LT		1
100+47.00	0.0		1	
115+84.22	0.0		1	
115+84.22	6.0	LT		1
115+84.22	6.0	RT		1
TOTAL:			2	3

TREE TRIMMING SCHEDULE			
LOCATION			TREE TRIMMING
STATION	OFFSET	LT/RT	EACH
105+13.38	12.53'	RT	1
105+41.62	11.62'	RT	1
105+71.39	11.24'	RT	1
106+01.41	11.90'	RT	1
106+32.74	11.54'	RT	1
109+01.18	15.47'	RT	1
109+14.19	15.97'	RT	1
109+39.90	12.82'	RT	1
109+74.46	14.11'	RT	1
109+87.43	13.58'	RT	1
111+63.21	9.95'	RT	1
111+77.64	9.17'	RT	1
112+00.81	9.35'	RT	1
112+19.84	9.22'	RT	1
112+33.01	9.87'	RT	1
112+45.22	11.78'	RT	1
113+45.85	11.81'	RT	1
113+64.09	11.99'	RT	1
114+00.82	12.93'	RT	1
114+34.18	12.93'	RT	1
114+51.90	14.20'	RT	1
114+71.33	15.82'	RT	1
114+99.73	18.17'	RT	1
115+26.92	18.17'	RT	1
115+54.37	19.64'	RT	1
115+79.12	19.56'	RT	1
TOTAL:			26

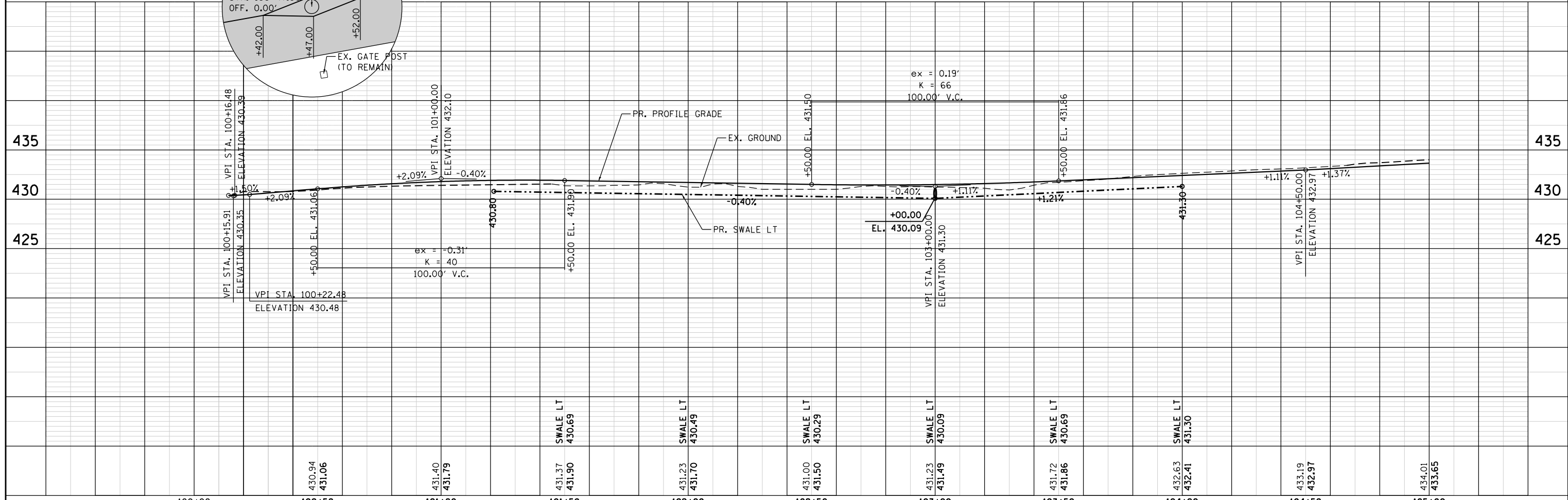
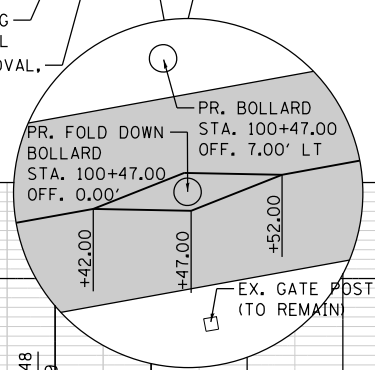
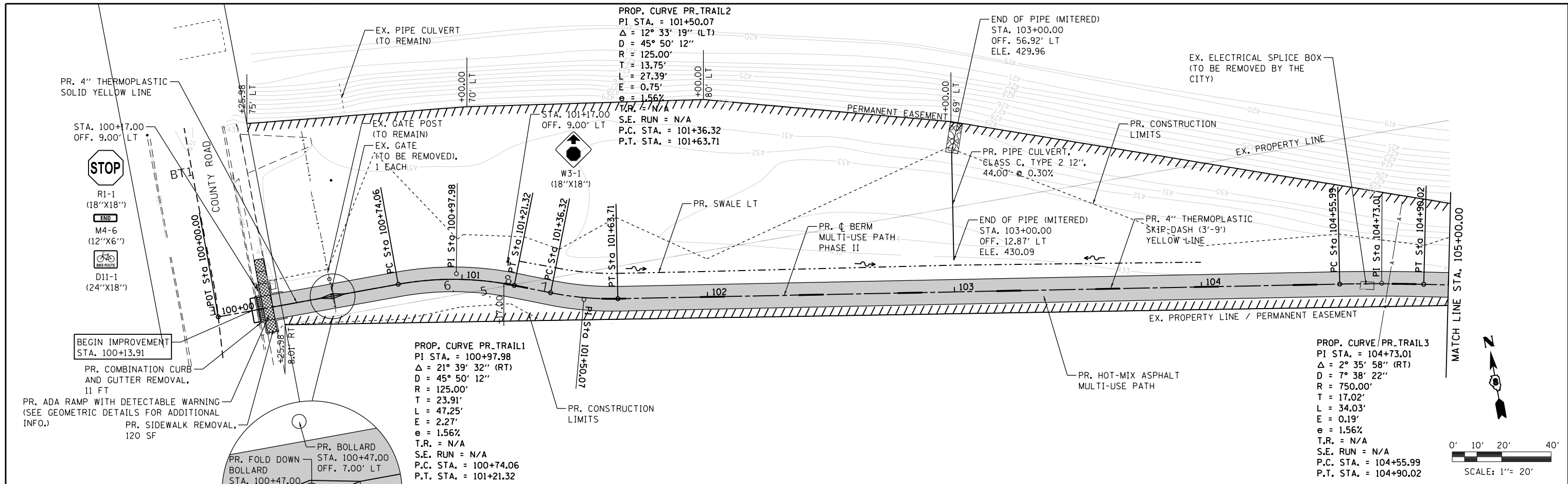
RIPRAP SCHEDULE			
LOCATION			STONE RIPRAP, CLASS A3
STATION	OFFSET	LT/RT	SQ YD
103+00.00	56.92	LT	9
TOTAL:			9

PAVEMENT MARKING SCHEDULE						
LOCATION					THERMOPLASTIC PAVEMENT MARKING	
					LINE - 4"	LINE - 6"
					YELLOW	WHITE
STATION	TO	STATION	LOCATION	TYPE	FOOT	FOOT
100+22.48	TO	100+42.00	Centerline	Solid Yellow	19.52	
100+42.00	TO	100+47.00	Centerline	Solid Yellow Taper-LT	10.2	
				Solid Yellow Taper-RT		
100+47.00	TO	100+52.00	Centerline	Solid Yellow Taper-LT	10.2	
				Solid Yellow Taper-RT		
100+52.00	TO	101+17.00	Centerline	Solid Yellow	65	
101+17.00	TO	115+01.00	Centerline	Skip-Dash Yellow	346	
115+01.00	TO	115+79.22	Centerline	Solid Yellow	78.2	
115+79.22	TO	115+84.22	Centerline	Solid Yellow Taper-LT	10.2	
				Solid Yellow Taper-RT		
115+84.22	TO	115+89.22	Centerline	Solid Yellow Taper-LT	10.2	
				Solid Yellow Taper-RT		
115+89.22	TO	115+91.22	Centerline	Solid Yellow	2.0	
116+10.31			LT Crosswalk	Solid White		26.5
116+09.85			RT Crosswalk	Solid White		26.6
TOTAL:					552	53

PERIMETER EROSION BARRIER SCHEDULE			
LOCATION			PERIMETER EROSION BARRIER
STATION	TO	STATION	FOOT
100+25.34	TO	116+00.00	1,587.0
100+26.05	TO	116+00.00	1,572.0
TOTAL:			3,159

INLET AND PIPE PROTECTION SCHEDULE			
LOCATION			INLET AND PIPE PROTECTION
STATION	OFFSET	LT/RT	EACH
103+00.00	12.87	LT	1
TOTAL:			1

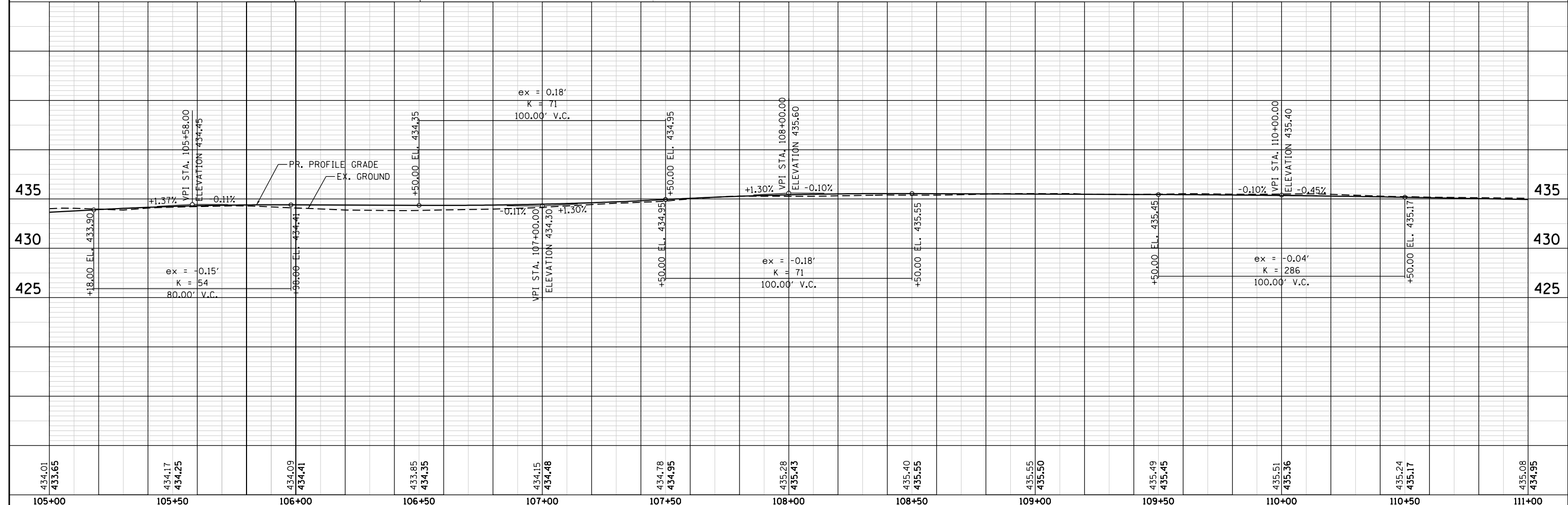
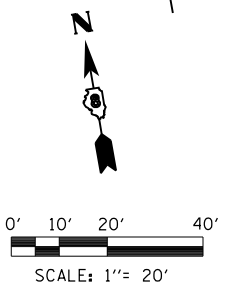
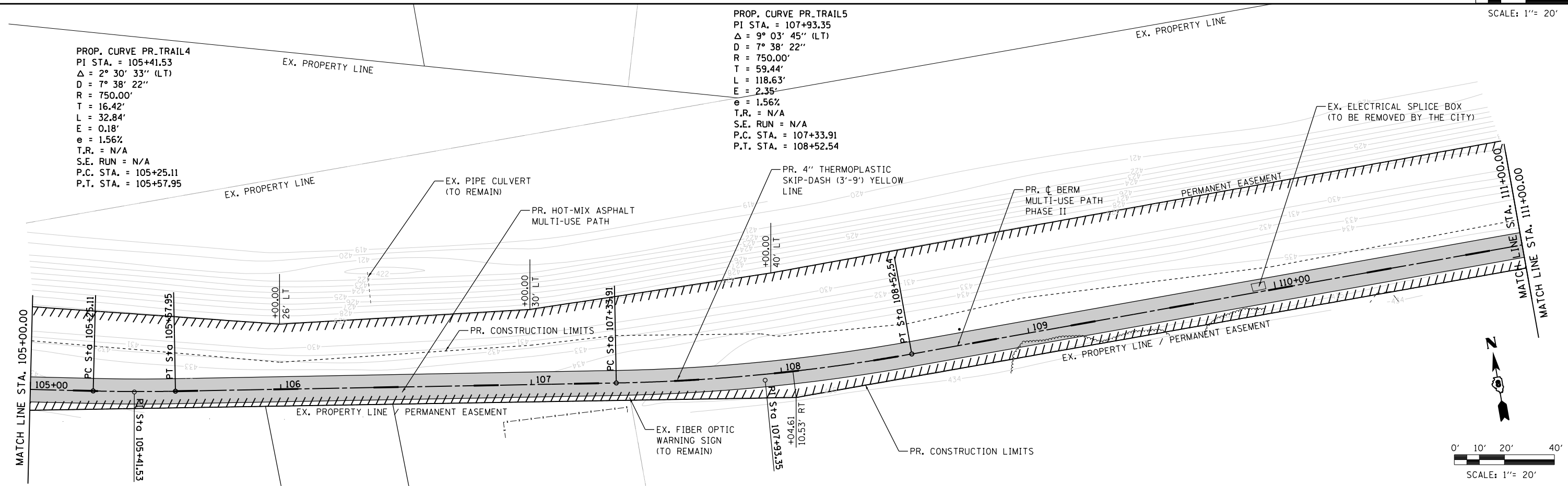
TEMPORARY DITCH CHECK SCHEDULE				
LOCATION				TEMPORARY DITCH CHECKS
STATION	OFFSET	LT/RT	EA	FOOT
102+00.00	10.30	LT	1	6
103+50.00	10.44	LT	1	6
TOTAL:				12



FILE NAME = ...160536-sht.P&P-01.dgn	DESIGNED -	REVISED -	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES	 EXCEPTIONAL SERVICE. NOTHING LESS.	BERM MULTI-USE PATH PHASE II	PLAN AND PROFILE		COUNTY TOTAL SHEETS SHEET NO. ST. CLAIR 33 8 CONTRACT NO. 97668 ILLINOIS FED. AID PROJECT	
PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -				SCALE: 1" = 20'	SHEET NO. 1 OF 3 SHEETS		STA. 100+13.91 TO STA. 105+00.00
USER NAME = jreis	CHECKED -	REVISED -							
PLOT DATE = 1/25/2018 10:44:00 AM	DATE - SUBMITTAL DATE	REVISED -							

PROP. CURVE PR_TRAIL4
 PI STA. = 105+41.53
 $\Delta = 2^\circ 30' 33''$ (LT)
 $D = 7^\circ 38' 22''$
 $R = 750.00'$
 $T = 16.42'$
 $L = 32.84'$
 $E = 0.18'$
 $e = 1.56\%$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 105+25.11$
 $P.T. STA. = 105+57.95$

PROP. CURVE PR_TRAIL5
 PI STA. = 107+93.35
 $\Delta = 9^\circ 03' 45''$ (LT)
 $D = 7^\circ 38' 22''$
 $R = 750.00'$
 $T = 59.44'$
 $L = 118.63'$
 $E = 2.35'$
 $e = 1.56\%$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 107+33.91$
 $P.T. STA. = 108+52.54$



434.01 433.65	434.17 434.25	434.09 434.41	433.85 434.35	434.15 434.48	434.78 434.95	435.28 435.43	435.40 435.55	435.55 435.50	435.49 435.45	435.51 435.36	435.24 435.17	435.08 434.95
105+00	105+50	106+00	106+50	107+00	107+50	108+00	108+50	109+00	109+50	110+00	110+50	111+00

FILE NAME = ...160536-shr.P&P-02.dgn
 PLOT SCALE = 40,0000 / in.
 USER NAME = jreis
 PLOT DATE = 1/25/2018 10:41:25 AM

DESIGNED -
 DRAWN -
 CHECKED -
 DATE - SUBMITTAL DATE

REVISED -
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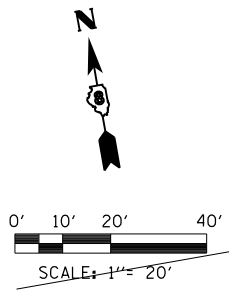
**THOUVENOT,
 WADE &
 MOERCHEN, INC.**
 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
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**BERM MULTI-USE PATH
 PHASE II**

PLAN AND PROFILE
 SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. 105+00.00 TO STA. 111+00.00

F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 15-00024-01-BT ST. CLAIR 33 9
 CONTRACT NO. 97668
 ILLINOIS FED. AID PROJECT



PROP. CURVE PR. TRAIL 6
 PI STA. = 114+31.94
 $\Delta = 7^\circ 18' 30''$ (LT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 31.93'$
 $L = 63.78'$
 $E = 1.02'$
 $e = 1.56\%$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 114+00.01$
 $P.T. STA. = 114+63.79$

PR. ADA RAMP WITH DETECTABLE WARNING
 (SEE GEOMETRIC DETAILS FOR ADDITIONAL INFO.)

PR. 4" THERMOPLASTIC SOLID YELLOW LINE

END IMPROVEMENT STA. 116+07.22

PR. 6" THERMOPLASTIC WHITE LINE

EX. PROPERTY LINE

PR. 4" THERMOPLASTIC SKIP-DASH (3'-9") YELLOW LINE

EX. PIPE CULVERT (TO REMAIN)

PR. CONSTRUCTION LIMITS

PR. 4 BERM MULTI-USE PATH PHASE II

PERMANENT EASEMENT

PR. CONSTRUCTION LIMITS

PR. HOT-MIX ASPHALT MULTI-USE PATH

EX. PROPERTY LINE / PERMANENT EASEMENT

PR. BOLLARD STA. 115+84.22 OFF. 6.00' LT

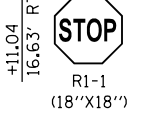
STA. 115+01.00 OFF. 9.00' RT



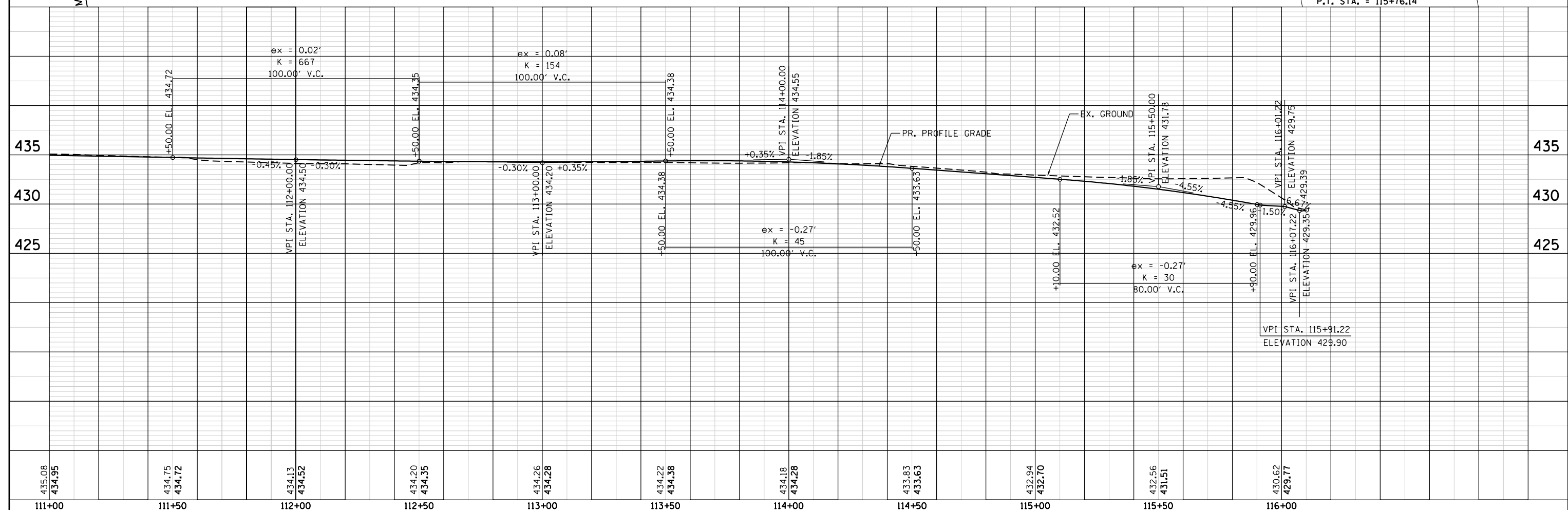
PR. FOLD DOWN BOLLARD STA. 115+84.22 OFF. 0.00'

PR. BOLLARD STA. 115+84.22 OFF. 6.00' RT

STA. 116+01.00 OFF. 9.00' RT



PROP. CURVE PR. TRAIL 7
 PI STA. = 115+27.62
 $\Delta = 11^\circ 09' 21''$ (RT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 48.83'$
 $L = 97.35'$
 $E = 2.38'$
 $e = 1.56\%$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 114+78.79$
 $P.T. STA. = 115+76.14$



435.08 434.95	434.75 434.72	434.13 434.52	434.20 434.35	434.26 434.28	434.22 434.38	434.18 434.28	433.83 433.63	432.94 432.70	432.56 431.51	430.62 429.77
111+00	111+50	112+00	112+50	113+00	113+50	114+00	114+50	115+00	115+50	116+00

FILE NAME = ...160536-sht.P&P-03.dgn
 PLOT SCALE = 40,0000' / in.
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 PLOT DATE = 1/25/2018 10:38:05 AM

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 DATE - SUBMITTAL DATE

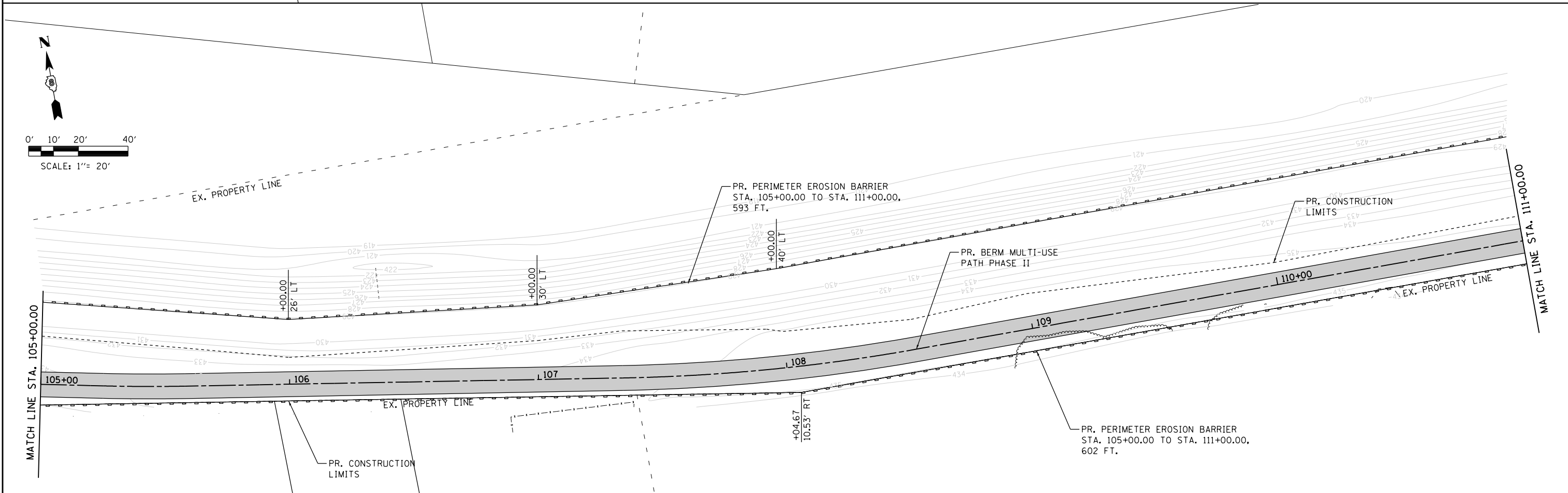
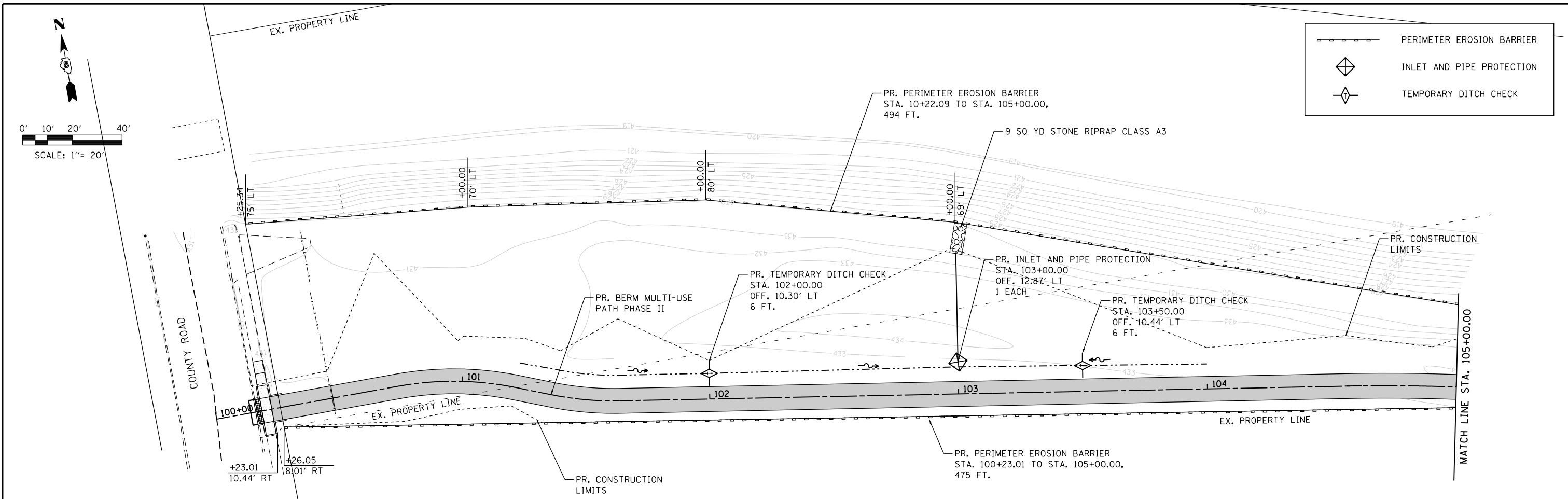
THOUVENOT,
 WADE &
 MOERCHEN, INC.
 CORPORA OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
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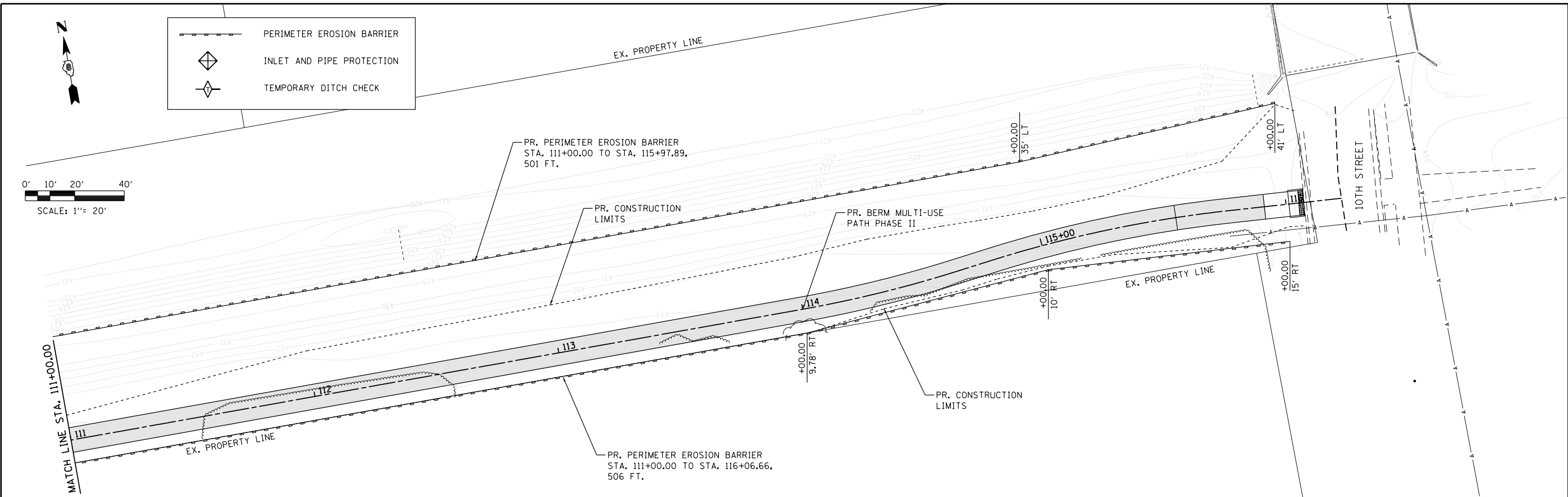
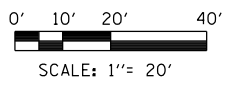
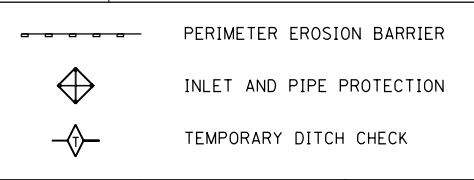
BERM MULTI-USE PATH
 PHASE II


PLAN AND PROFILE
 SCALE: 1" = 20'
 SHEET NO. 3 OF 3 SHEETS
 STA. 111+00.00 TO STA. 116+07.22

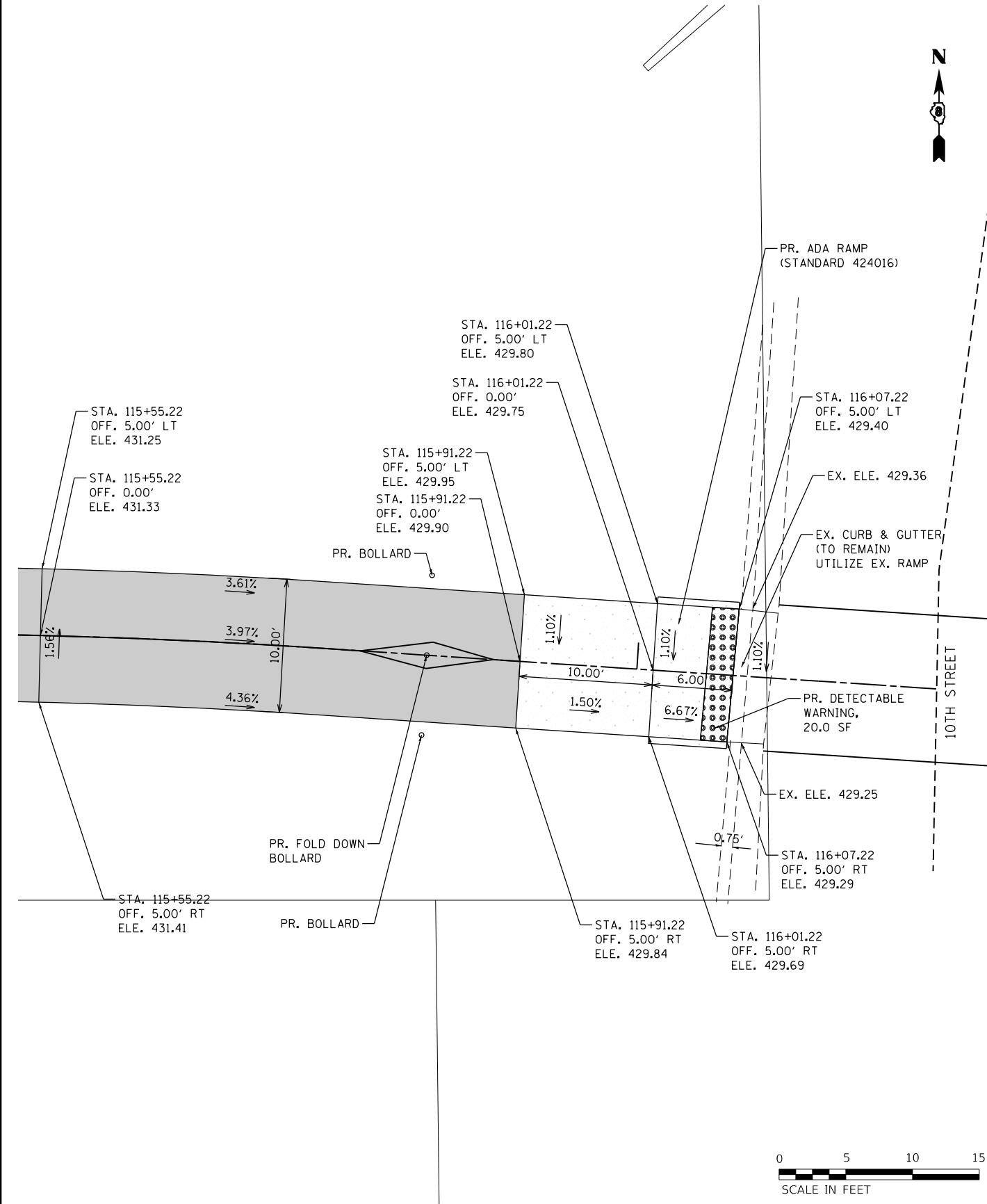
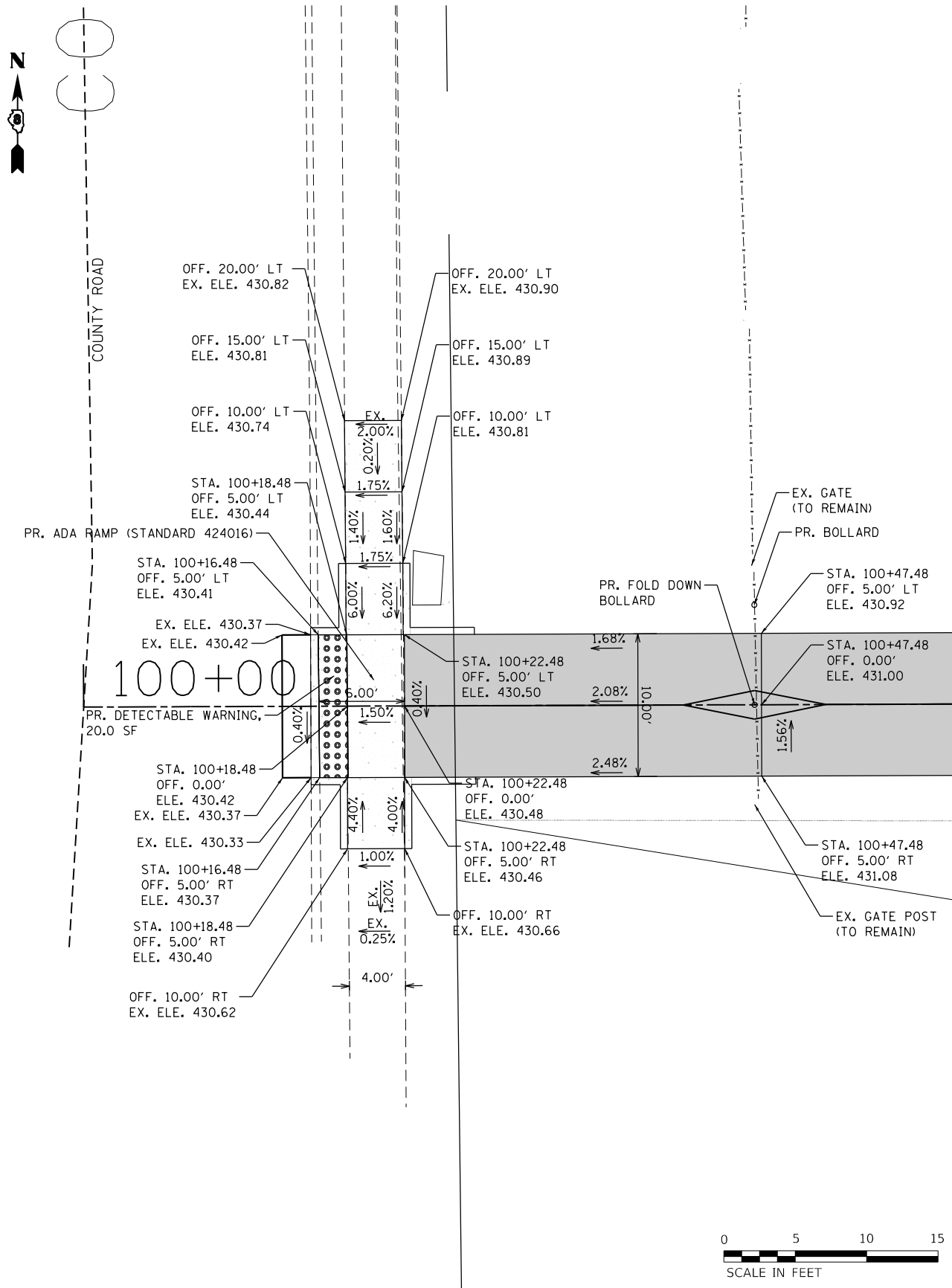
F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 15-00024-01-BT ST. CLAIR 33 10
 CONTRACT NO. 97668
 ILLINOIS FED. AID PROJECT



FILE NAME = ...160536-sht.Erosion-01.dgn	DESIGNED -	REVISED -	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES	 EXCEPTIONAL SERVICE. NOTHING LESS.	BERM MULTI-USE PATH PHASE II	EROSION CONTROL	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -					15-00024-01-BT	ST. CLAIR	33	11	
USER NAME = jreis	CHECKED -	REVISED -					CONTRACT NO. 97668				
PLOT DATE = 1/25/2018 10:46:04 AM	DATE - SUBMITTAL DATE	REVISED -					SCALE: 1" = 20'	SHEET NO. 1 OF 2 SHEETS	STA. 100+13.91 TO STA. 111+00.00	ILLINOIS FED. AID PROJECT	



FILE NAME = ...160536-sht.Erosion-02.dgn	DESIGNED -	REVISED -	THOUVENOT, WADE & MOERCHEN, INC. <small>CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688</small>  <small>EXCEPTIONAL SERVICE. NOTHING LESS.</small>	BERM MULTI-USE PATH PHASE II	EROSION CONTROL		F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -					15-00024-01-BT	ST. CLAIR	33	12	
USER NAME = jreis	CHECKED -	REVISED -			CONTRACT NO. 97668						
PLOT DATE = 1/25/2018 10:32:51 AM	DATE - SUBMITTAL DATE	REVISED -			SCALE: 1" = 20'	SHEET NO. 2 OF 2 SHEETS	STA. 111+00.00 TO STA. 116+07.22	ILLINOIS FED. AID PROJECT			



FILE NAME = ...160536-sht.GeometricDetails.dgn
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 PLOT DATE = 1/26/2018 11:45:55 AM

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 DATE - SUBMITTAL DATE

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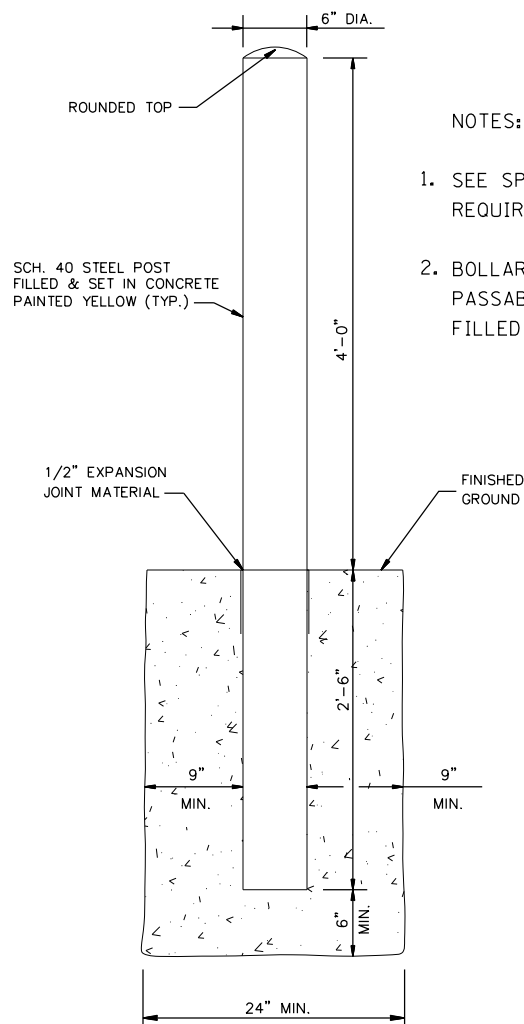


**BERM MULTI-USE PATH
 PHASE II**

GEOMETRIC DETAILS

SCALE: 1"=5'
 SHEET NO. 1 OF 1 SHEETS
 STA. TO STA.


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00024-01-BT	ST. CLAIR	33	13
CONTRACT NO.			97668	
ILLINOIS FED. AID PROJECT				



NOTES:

1. SEE SPECIAL PROVISIONS FOR FOLD DOWN BOLLARD REQUIREMENTS.
2. BOLLARDS SHALL BE PLACED TO ALLOW A MINIMUM PASSABLE WIDTH OF 76" BETWEEN THE CONCRETE FILLED BOLLARDS AND THE REMOVABLE BOLLARD.

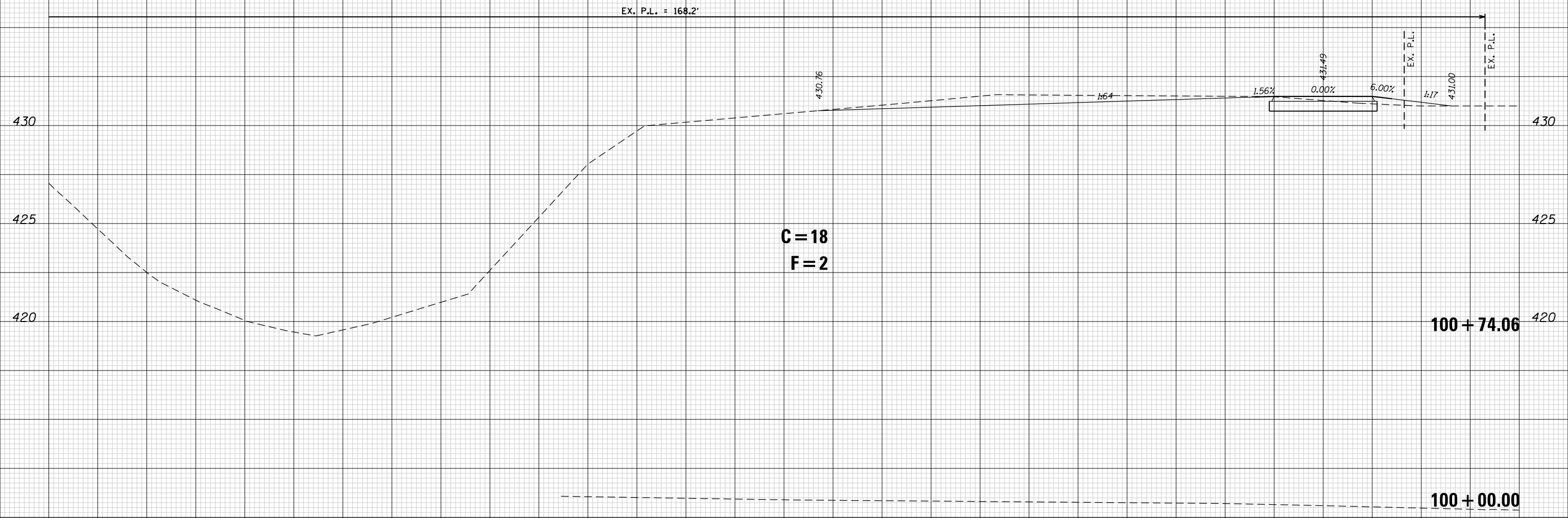
BOLLARDS

FILE NAME = ...160536-sht.GeneralDetails.dgn	DESIGNED -	REVISED -	THOUVENOT, WADE & MOERCHEN, INC. <small>CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688</small>  <small>EXCEPTIONAL SERVICE. NOTHING LESS.</small>	BERM MULTI-USE PATH PHASE II	GENERAL DETAILS			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -							15-00024-01-BT	ST. CLAIR	33	14
USER NAME = jreis	CHECKED -	REVISED -					CONTRACT NO. 97668					
PLOT DATE = 1/25/2018 3:56:10 PM	DATE - SUBMITTAL DATE	REVISED -			SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES	SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

130 125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME = ...160536-sh.t.XSEC.dgn
 PLOT SCALE = 10,0000' / in.
 USER NAME = jreis
 PLOT DATE = 1/25/2018 3:59:30 PM

DESIGNED	-	REVISÉD	-
DRAWN	-	REVISÉD	-
CHECKED	-	REVISÉD	-
DATE	-	REVISÉD	-

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MOERCHEN, INC.**
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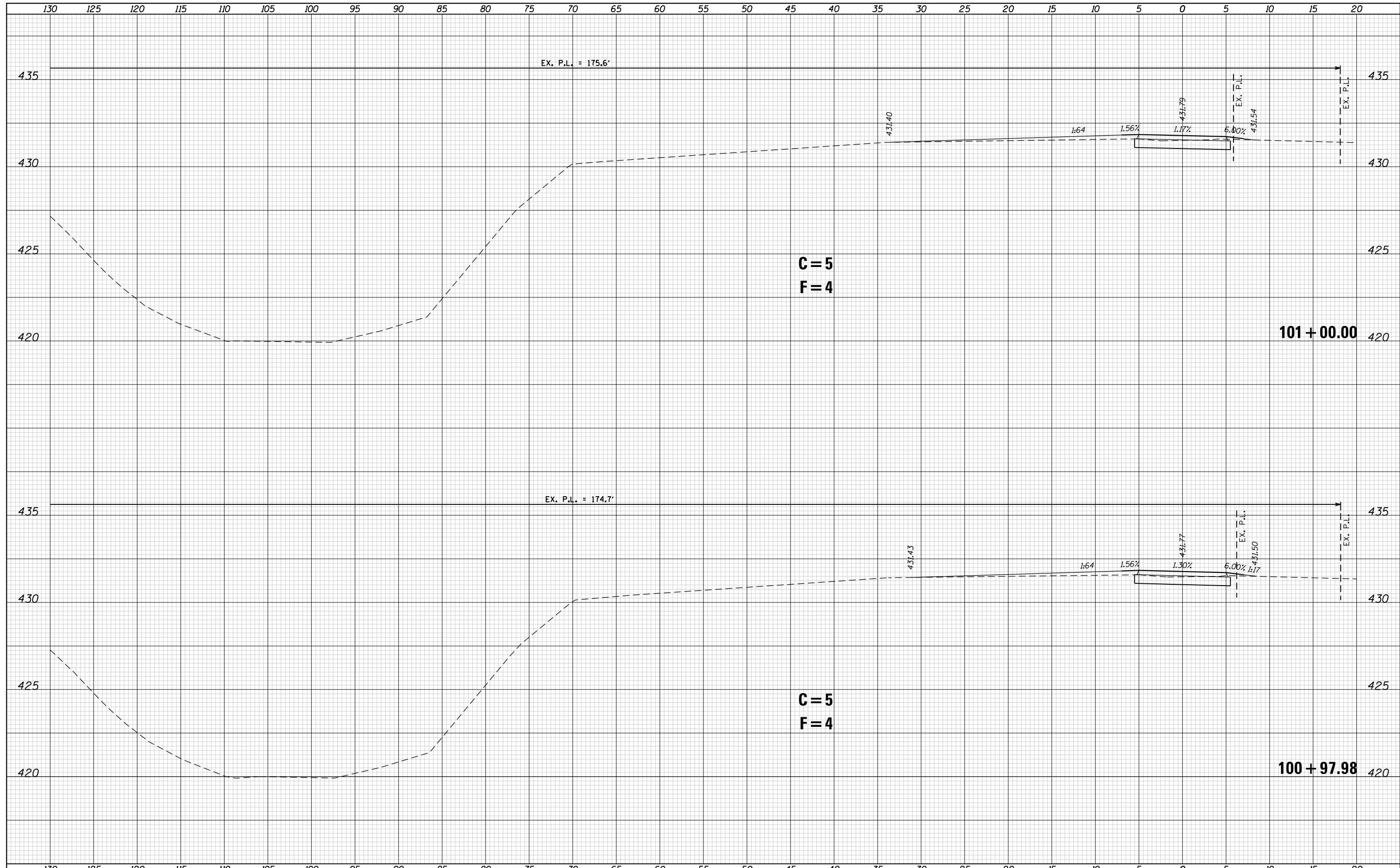
**BERM MULTI-USE PATH
PHASE II**

SCALE: SHEET NO. 1 OF 19 SHEETS STA. 100+00.00 TO STA. 100+74.06

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00024-01-BT	ST. CLAIR	33	15
		CONTRACT NO.	97668	
ILLINOIS FED. AID PROJECT				

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

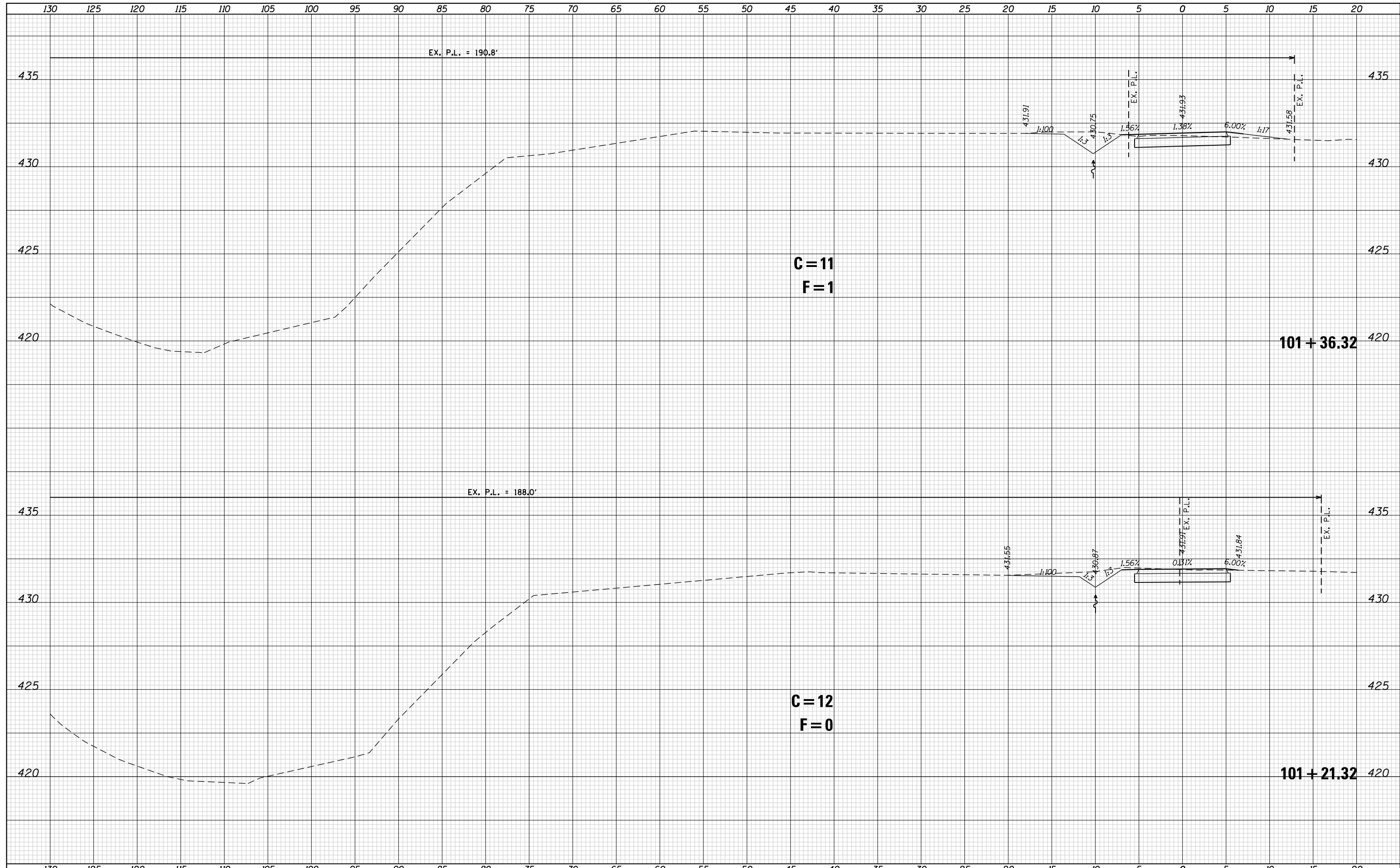
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AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME = ...160536-sh1.XSEC.dgn	DESIGNED -	REVISÉD -	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES	 EXCEPTIONAL SERVICE. NOTHING LESS.	BERM MULTI-USE PATH PHASE II	CROSS SECTIONS		F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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USER NAME = jreis	CHECKED -	REVISÉD -				SCALE:		SHEET NO. 2 OF 19 SHEETS	STA. 100+97.98 TO STA. 101+00.00	CONTRACT NO. 97668		ILLINOIS FED. AID PROJECT	
PLÓT DATE = 1/25/2018 3:59:30 PM	DATE -	REVISÉD -											

DATE	
BY	
SURVEYED	
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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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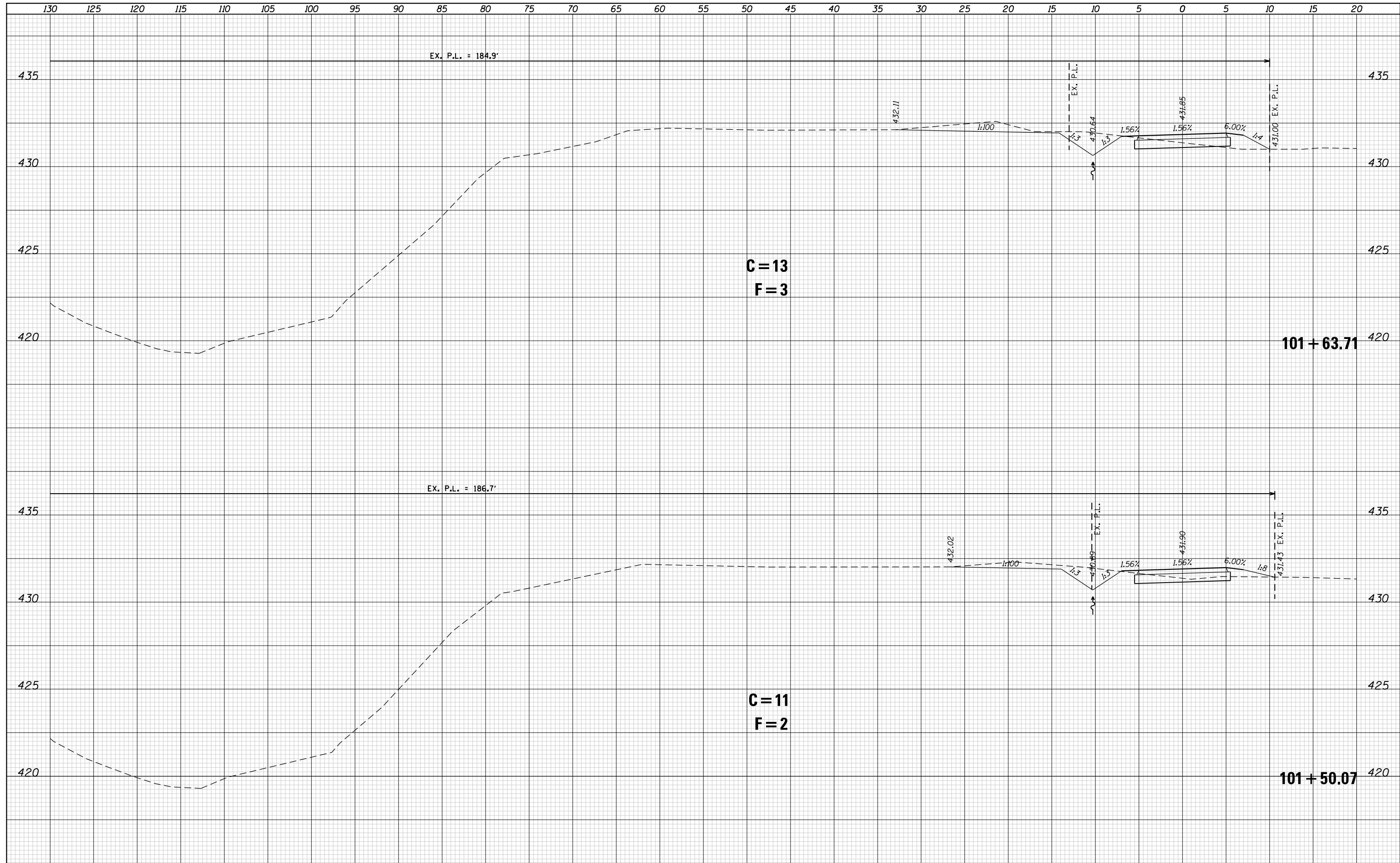
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NOTE BOOK	
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FILE NAME = ...160536-shr.XSEC.dgn	DESIGNED -	REVISD -	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES	 EXCEPTIONAL SERVICE. NOTHING LESS.	BERM MULTI-USE PATH PHASE II	CROSS SECTIONS		F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 10,0000' / In.	DRAWN -	REVISD -						15-00024-01-BT	ST. CLAIR	33	17			
USER NAME = jreis	CHECKED -	REVISD -				SCALE:		SHEET NO. 3 OF 19 SHEETS	STA. 101+21.32 TO STA. 101+36.32	CONTRACT NO. 97668		ILLINOIS FED. AID PROJECT		
PLOT DATE = 1/25/2018 3:59:31 PM	DATE -	REVISD -												

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

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



FILE NAME = ...160536-sh1.XSEC.dgn
 PLOT SCALE = 10,0000' / in.
 USER NAME = jreis
 PLOT DATE = 1/25/2018 3:59:31 PM

DESIGNED -
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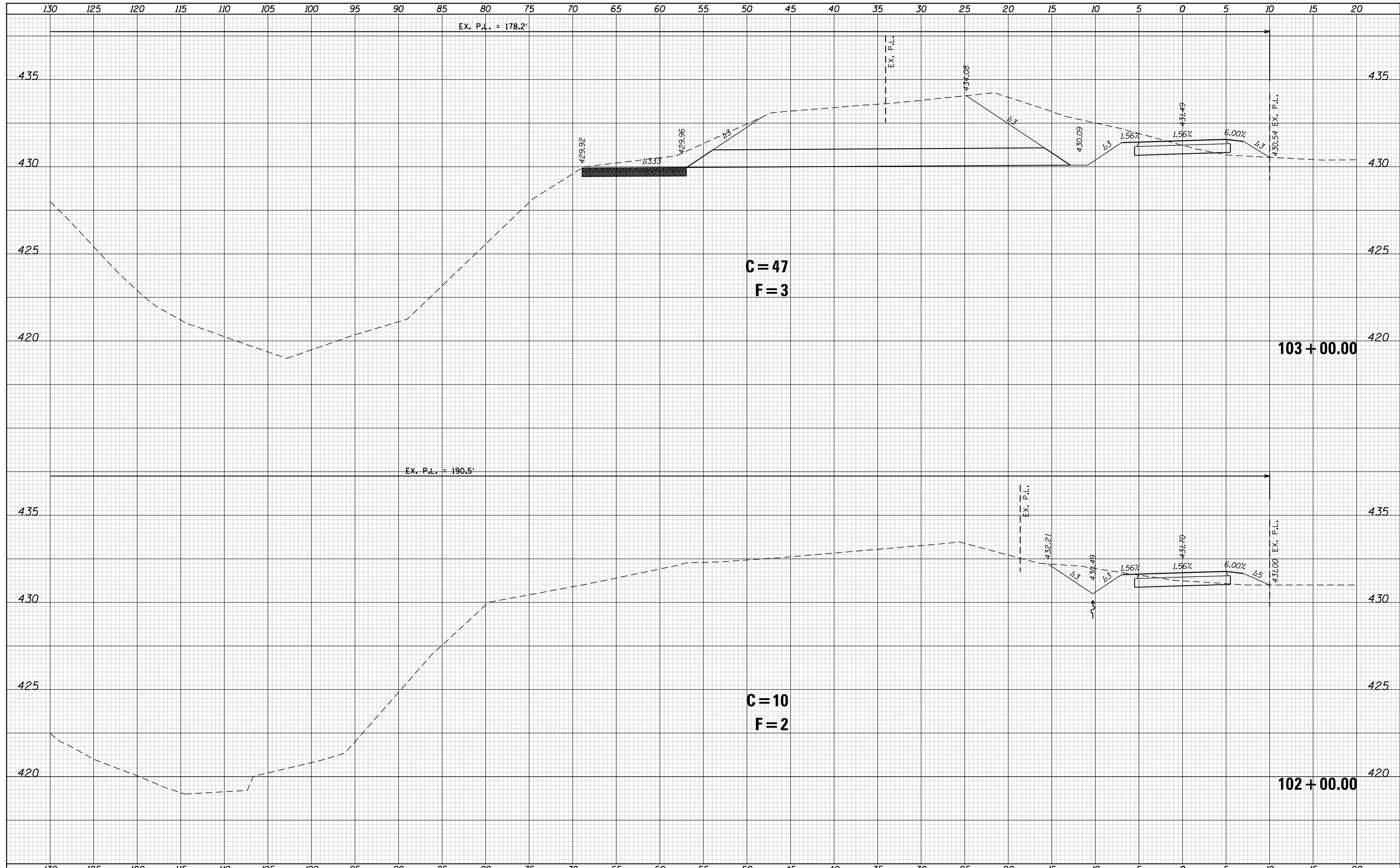
**BERM MULTI-USE PATH
 PHASE II**

CROSS SECTIONS
 SCALE: SHEET NO. 4 OF 19 SHEETS STA. 101+50.07 TO STA. 101+63.71

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00024-01-BT	ST. CLAIR	33	18
CONTRACT NO.			97668	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = ...160536-sh1.XSEC.dgn
 PLOT SCALE = 10,0000' / in.
 USER NAME = jreis
 PLOT DATE = 1/25/2018 3:59:32 PM

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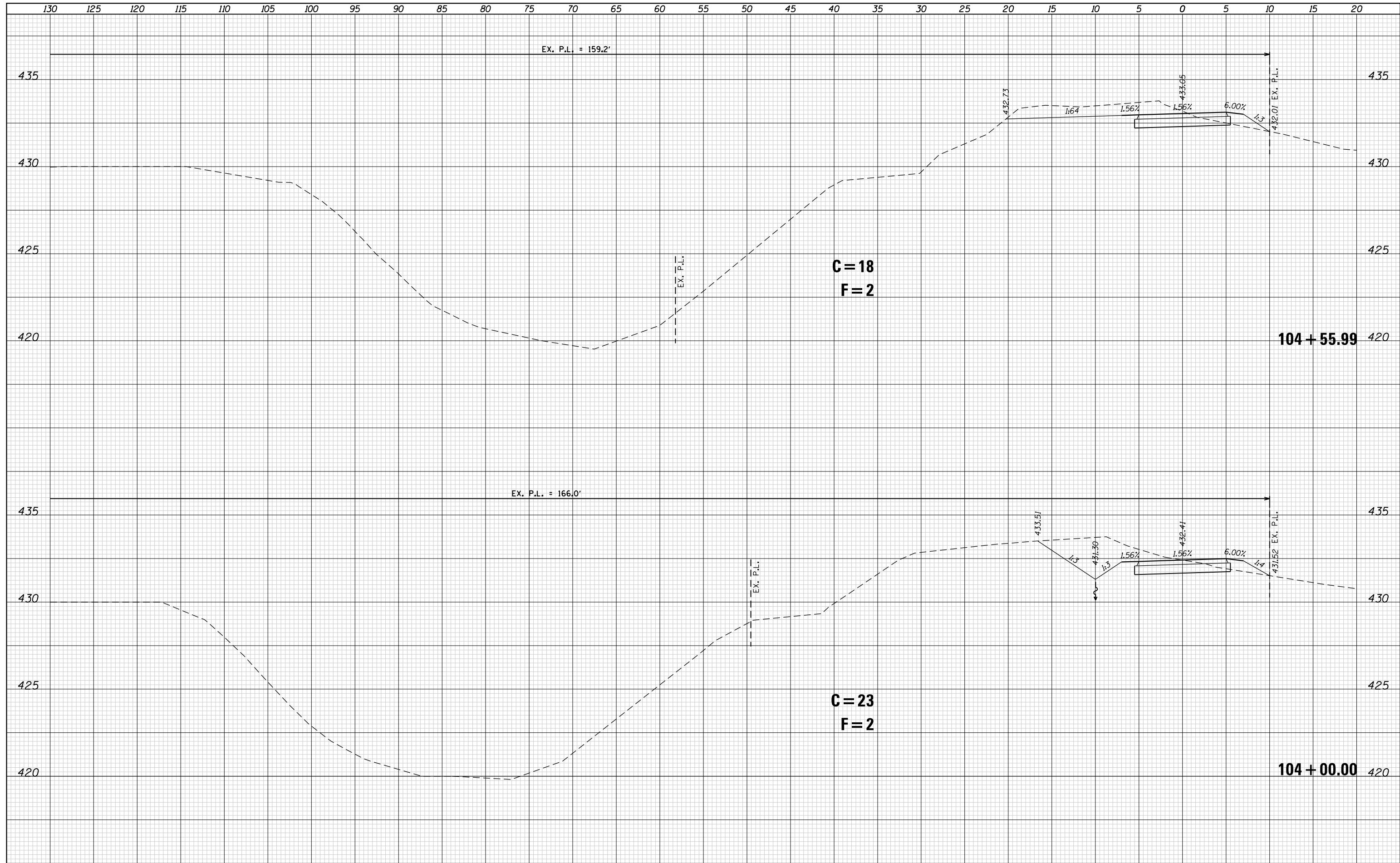
**BERM MULTI-USE PATH
 PHASE II**

CROSS SECTIONS
 SCALE: SHEET NO. 5 OF 19 SHEETS STA. 102+00.00 TO STA. 103+00.00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00024-01-BT	ST. CLAIR	33	19
CONTRACT NO.			97668	
ILLINOIS FED. AID PROJECT				

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



FILE NAME = ...160536-shr.XSEC.dgn
 PLOT SCALE = 10,0000' / in.
 USER NAME = jreis
 PLOT DATE = 1/25/2018 3:59:32 PM

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

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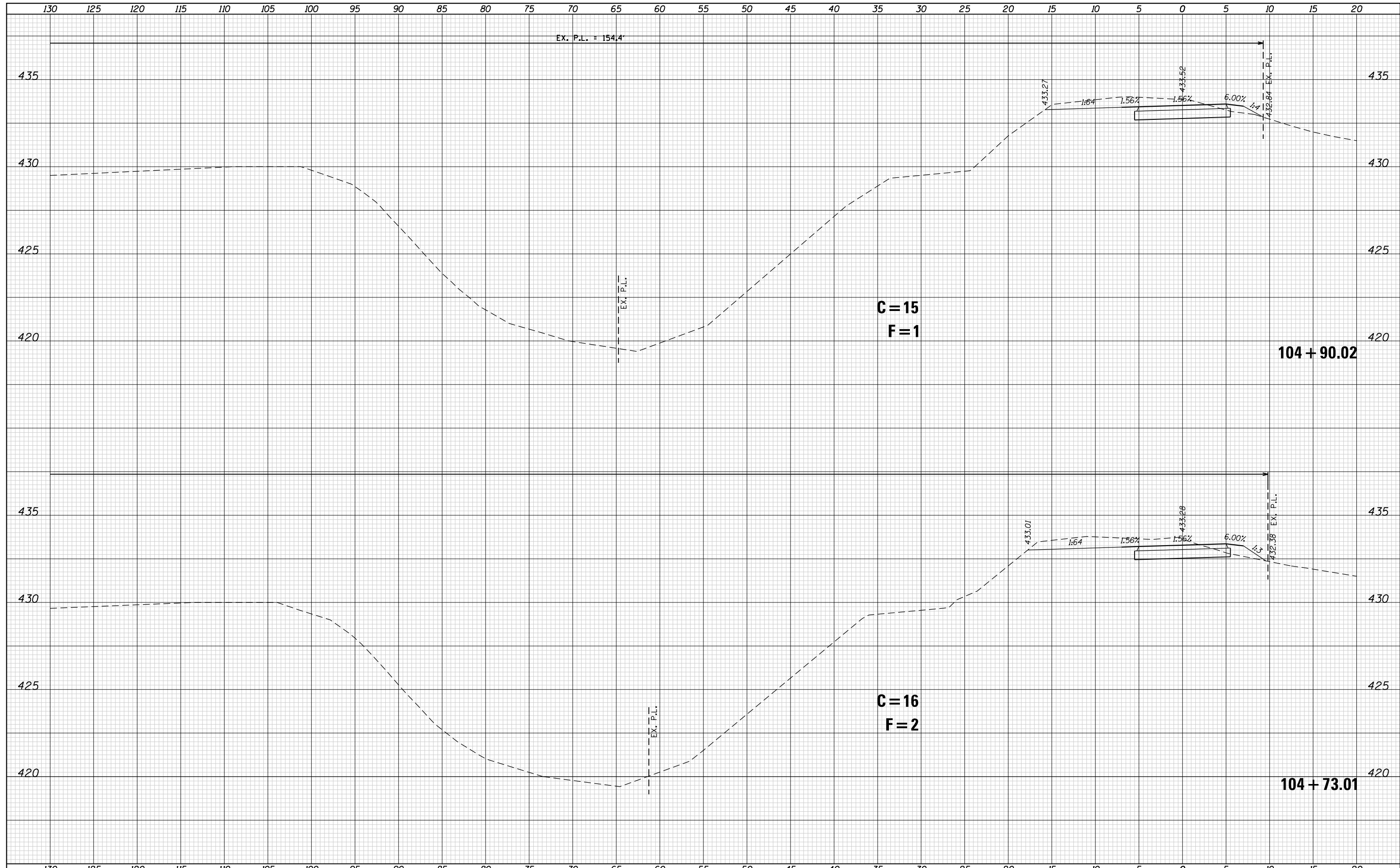
**BERM MULTI-USE PATH
PHASE II**


CROSS SECTIONS
 SCALE: SHEET NO. 6 OF 19 SHEETS STA. 104+00.00 TO STA. 104+55.99

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00024-01-BT	ST. CLAIR	33	20
			CONTRACT NO.	97668
ILLINOIS FED. AID PROJECT				

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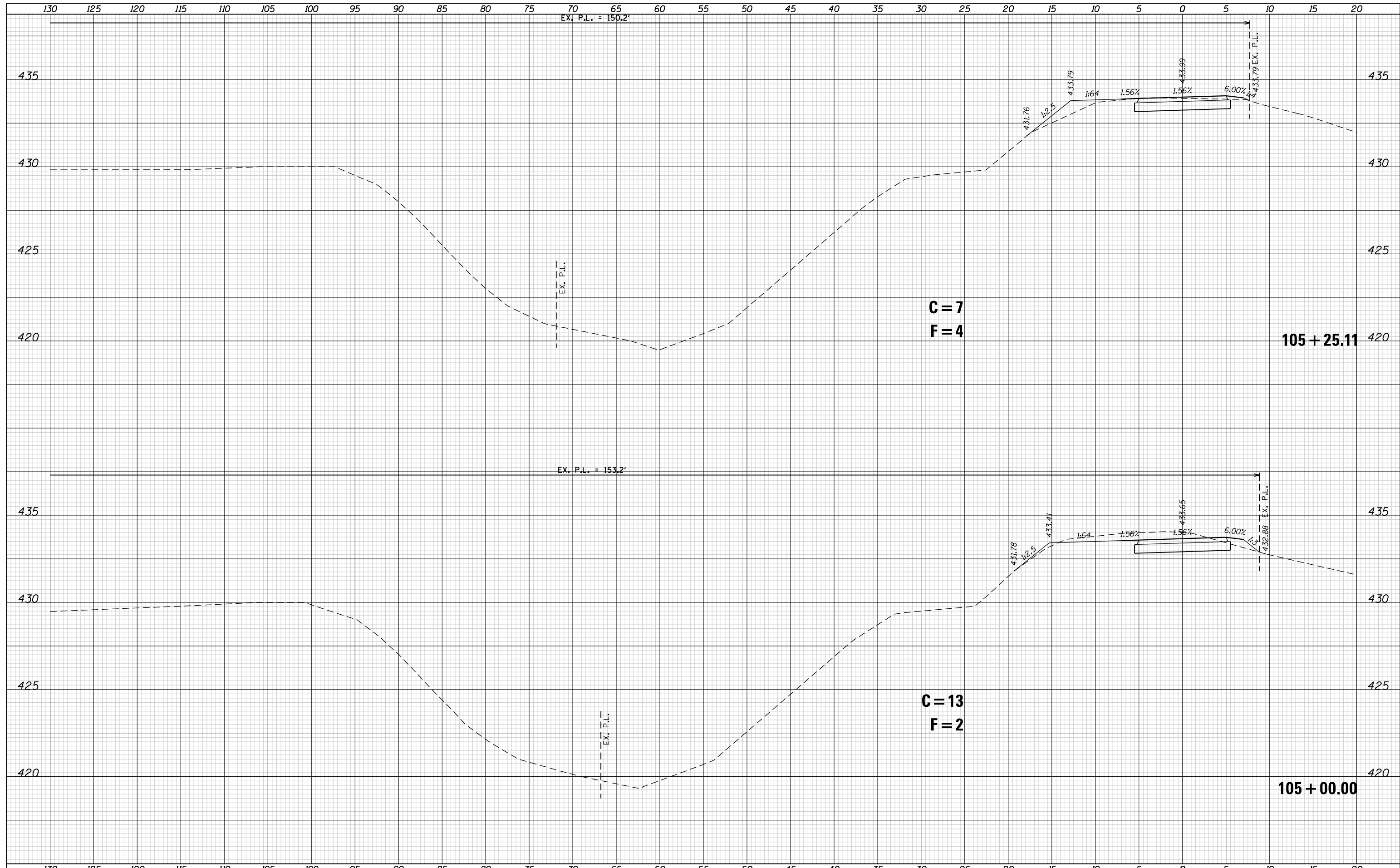
DATE	
BY	
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AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
NO.	




FILE NAME = ...160536-sh.t.XSEC.dgn	DESIGNED -	REVISÉ -	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES  EXCEPTIONAL SERVICE. NOTHING LESS.	BERM MULTI-USE PATH PHASE II	CROSS SECTIONS		F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 10,000' / 1in.	DRAWN -	REVISÉ -					15-00024-01-BT	ST. CLAIR	33	21		
USER NAME = jreis	CHECKED -	REVISÉ -			SCALE:		SHEET NO. 7 OF 19 SHEETS	STA. 104+73.01 TO STA. 104+90.02	CONTRACT NO. 97668		ILLINOIS FED. AID PROJECT	
PLOT DATE = 1/25/2018 3:59:32 PM	DATE -	REVISÉ -										

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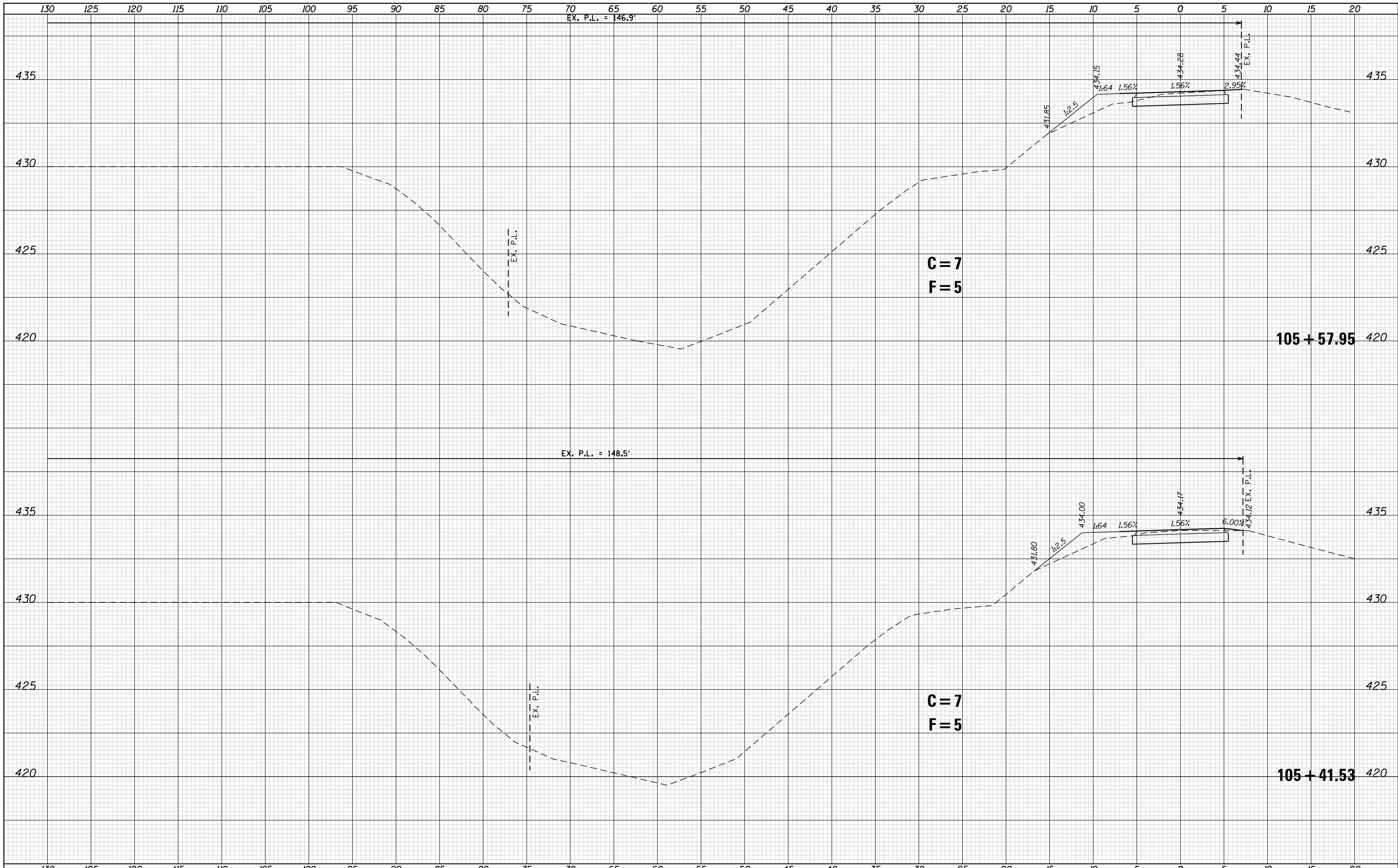
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FILE NAME = ...160536-sh1.XSEC.dgn	DESIGNED -	REVISÉD -	THOUVENOT, WADE & MOERCHEN, INC. <small>CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688</small>  <small>EXCEPTIONAL SERVICE. NOTHING LESS.</small>	BERM MULTI-USE PATH PHASE II	CROSS SECTIONS		F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10,0000' / In.	DRAWN -	REVISÉD -					15-00024-01-BT	ST. CLAIR	33	22	
USER NAME = jreis	CHECKED -	REVISÉD -			SCALE:		SHEET NO. 8 OF 19 SHEETS	STA. 105+00.00 TO STA. 105+25.11	CONTRACT NO. 97668		
PLOT DATE = 1/25/2018 3:59:33 PM	DATE -	REVISÉD -							ILLINOIS FED. AID PROJECT		

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**THOUVENOT,
 WADE &
 MOERCHEN, INC.**
 CORPORATE OFFICE
 4940 Old Collinsville Road
 Swansea, Illinois 62226
 Tel: 618.624.4488
 Fax: 618.624.6688
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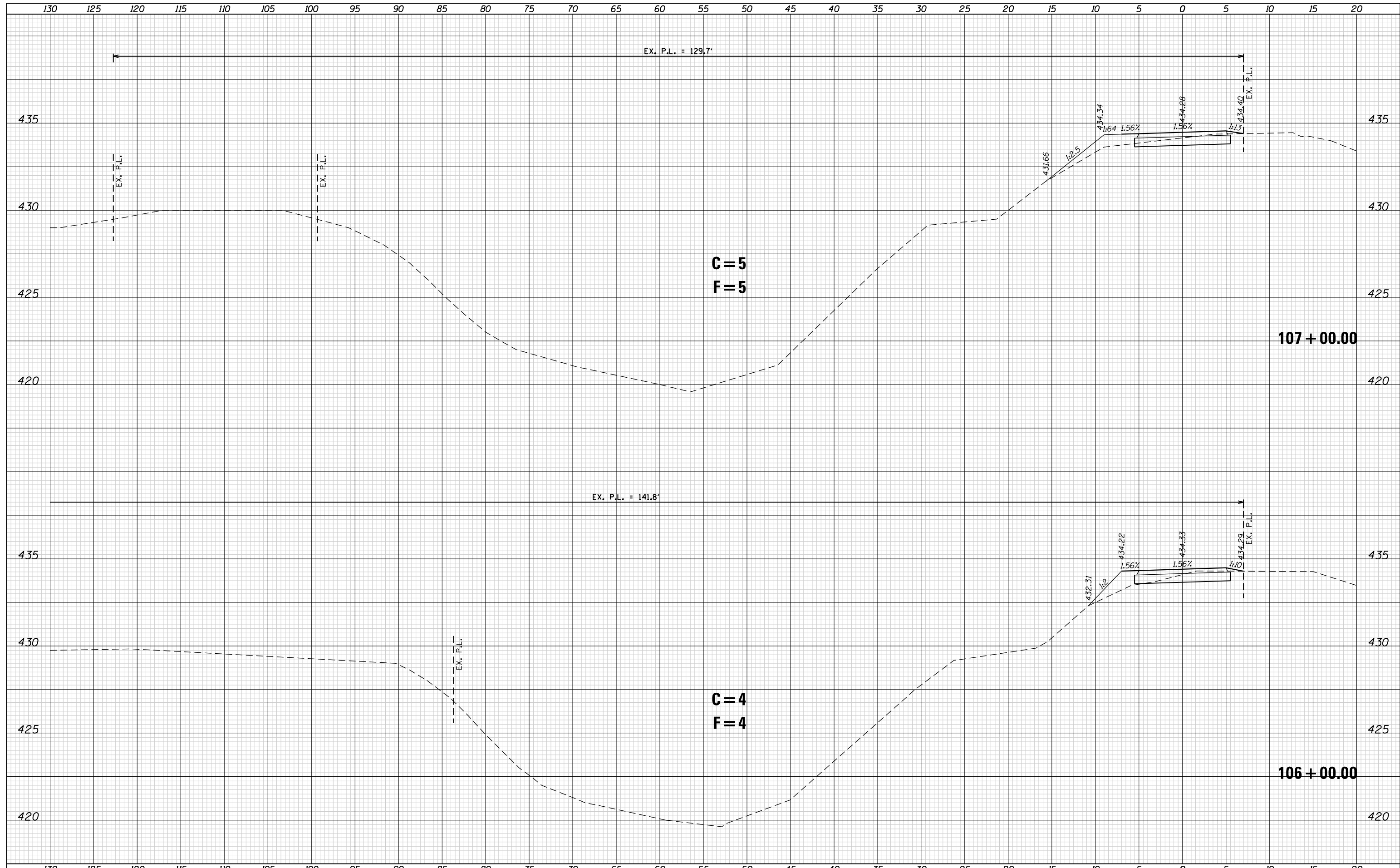
**BERM MULTI-USE PATH
 PHASE II**


CROSS SECTIONS
 SCALE: SHEET NO. 9 OF 19 SHEETS STA. 105+41.53 TO STA. 105+57.95

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00024-01-BT	ST. CLAIR	33	23
CONTRACT NO.			97668	
ILLINOIS FED. AID PROJECT				

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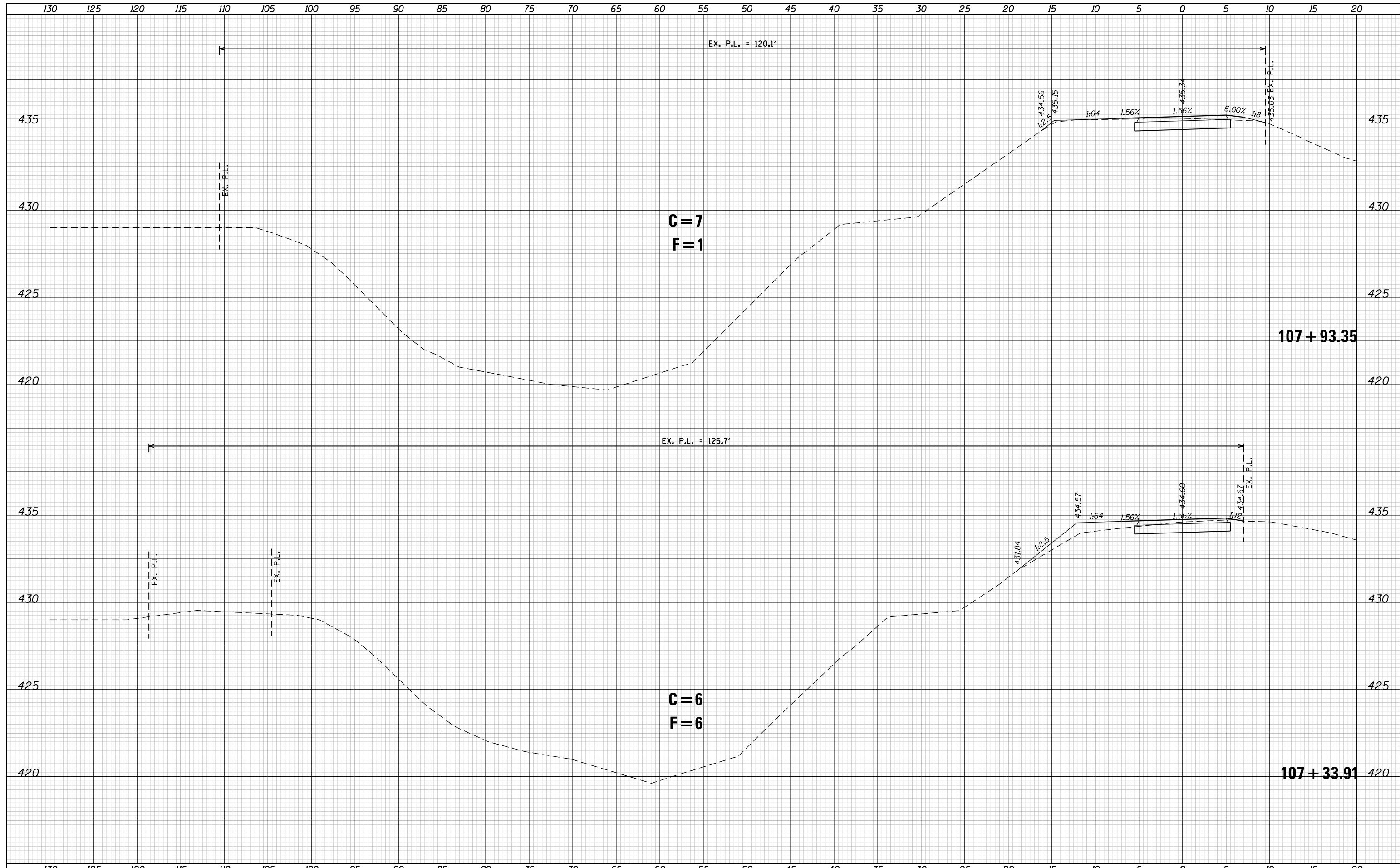
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ORIGINAL SURVEY	
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FILE NAME = ...160536-shr.XSEC.dgn	DESIGNED -	REVISED -	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES  EXCEPTIONAL SERVICE. NOTHING LESS.	BERM MULTI-USE PATH PHASE II	CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 10,0000' / In.	DRAWN -	REVISED -					15-00024-01-BT	ST. CLAIR	33	24		
USER NAME = jreis	CHECKED -	REVISED -			SCALE:		SHEET NO. 10 OF 19 SHEETS	STA. 106+00.00 TO STA. 107+00.00	CONTRACT NO. 97668		ILLINOIS FED. AID PROJECT	
PLOT DATE = 1/25/2018 3:59:34 PM	DATE -	REVISED -										

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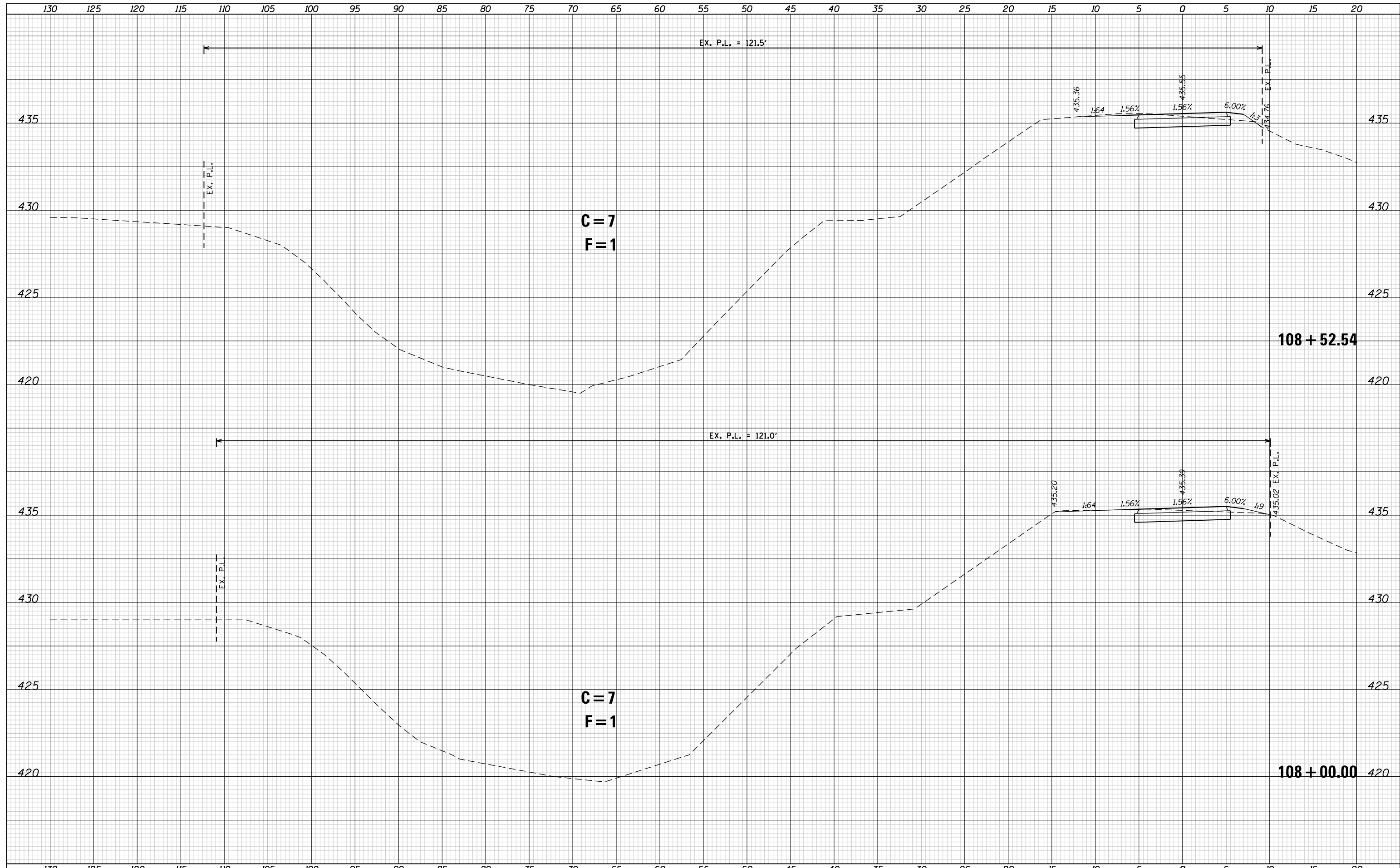
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FILE NAME = ...160536-sh1.XSEC.dgn	DESIGNED -	REVISÉD -	THOUVENOT, WADE & MOERCHEN, INC. <small>CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688</small>  <small>EXCEPTIONAL SERVICE. NOTHING LESS.</small>	BERM MULTI-USE PATH PHASE II	CROSS SECTIONS		F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10,000' / in.	DRAWN -	REVISÉD -					15-00024-01-BT	ST. CLAIR	33	25	
USER NAME = jreis	CHECKED -	REVISÉD -			SCALE:		SHEET NO. 11 OF 19 SHEETS	STA. 107+33.91 TO STA. 107+93.35	CONTRACT NO. 97668		
PLOT DATE = 1/25/2018 3:59:34 PM	DATE -	REVISÉD -							ILLINOIS FED. AID PROJECT		

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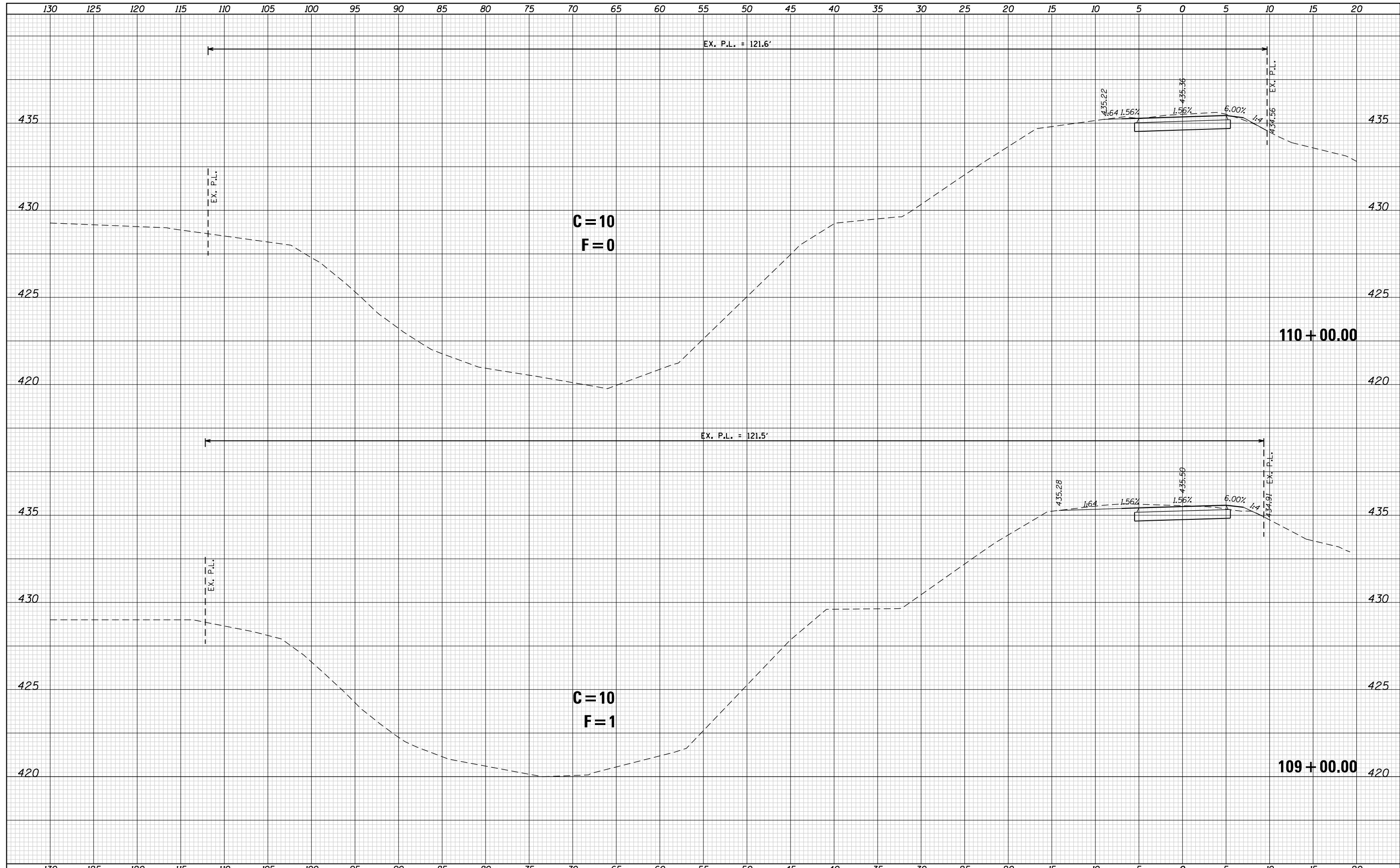
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FILE NAME = ...160536-sh1.XSEC.dgn	DESIGNED -	REVISÉD -	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES	 EXCEPTIONAL SERVICE. NOTHING LESS.	BERM MULTI-USE PATH PHASE II	CROSS SECTIONS		F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 10,0000' / In.	DRAWN -	REVISÉD -						15-00024-01-BT	ST. CLAIR	33	26		
USER NAME = jreis	CHECKED -	REVISÉD -				SCALE:		SHEET NO. 12 OF 19 SHEETS	STA. 108+00.00 TO STA. 108+52.54	CONTRACT NO. 97668		ILLINOIS FED. AID PROJECT	
PLOT DATE = 1/25/2018 3:59:34 PM	DATE -	REVISÉD -											

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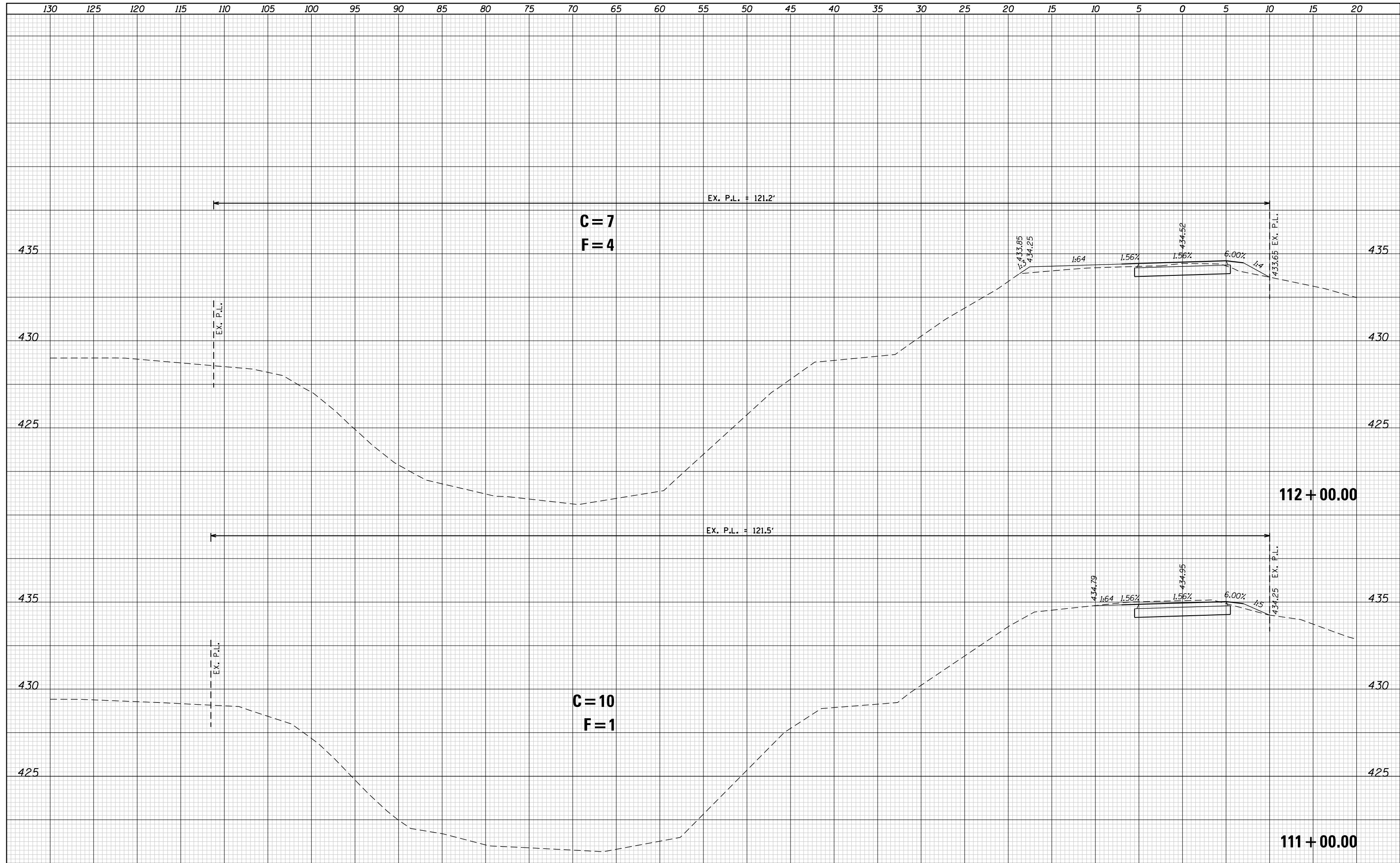
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FILE NAME = ...160536-sh1.XSEC.dgn	DESIGNED -	REVISED -	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES	 EXCEPTIONAL SERVICE. NOTHING LESS.	BERM MULTI-USE PATH PHASE II	CROSS SECTIONS		F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 10,0000' / In.	DRAWN -	REVISED -						15-00024-01-BT	ST. CLAIR	33	27			
USER NAME = jreis	CHECKED -	REVISED -				SCALE:		SHEET NO. 13 OF 19 SHEETS	STA. 109+00.00 TO STA. 110+00.00	CONTRACT NO. 97668		ILLINOIS FED. AID PROJECT		
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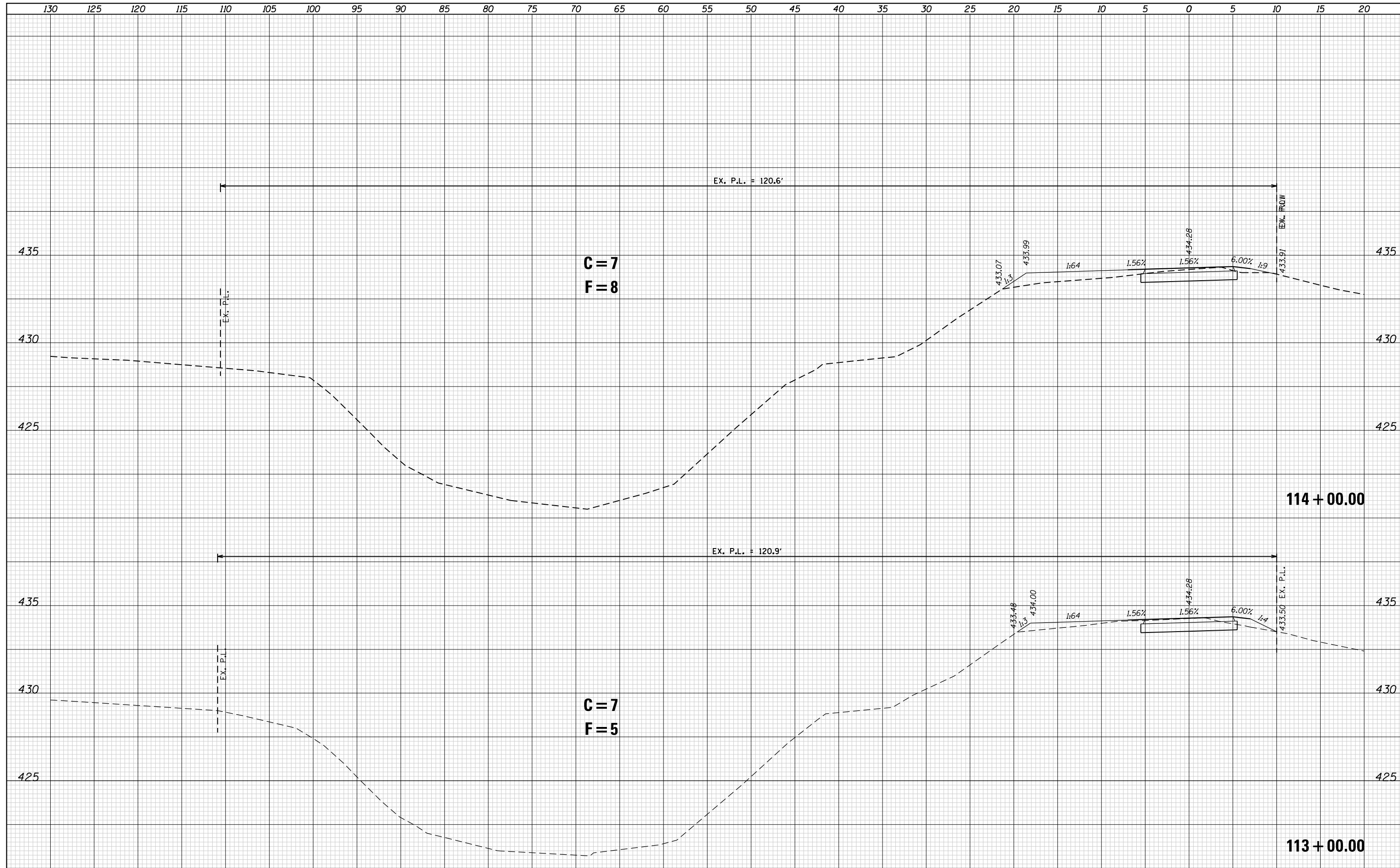
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FILE NAME = ...160536-sh1.XSEC.dgn	DESIGNED -	REVISÉD -	THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES	 EXCEPTIONAL SERVICE. NOTHING LESS.	BERM MULTI-USE PATH PHASE II	CROSS SECTIONS		F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10,0000' / In.	DRAWN -	REVISÉD -						15-00024-01-BT	ST. CLAIR	33	28	
USER NAME = jreis	CHECKED -	REVISÉD -						CONTRACT NO. 97668				
PLOT DATE = 1/25/2018 3:59:35 PM	DATE -	REVISÉD -						ILLINOIS FED. AID PROJECT				
SCALE:						SHEET NO. 14 OF 19 SHEETS		STA. 111+00.00 TO STA. 112+00.00				

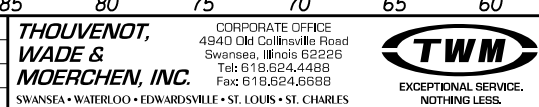
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FILE NAME = ...160536-sh1.XSEC.dgn	DESIGNED -	REVISIED -
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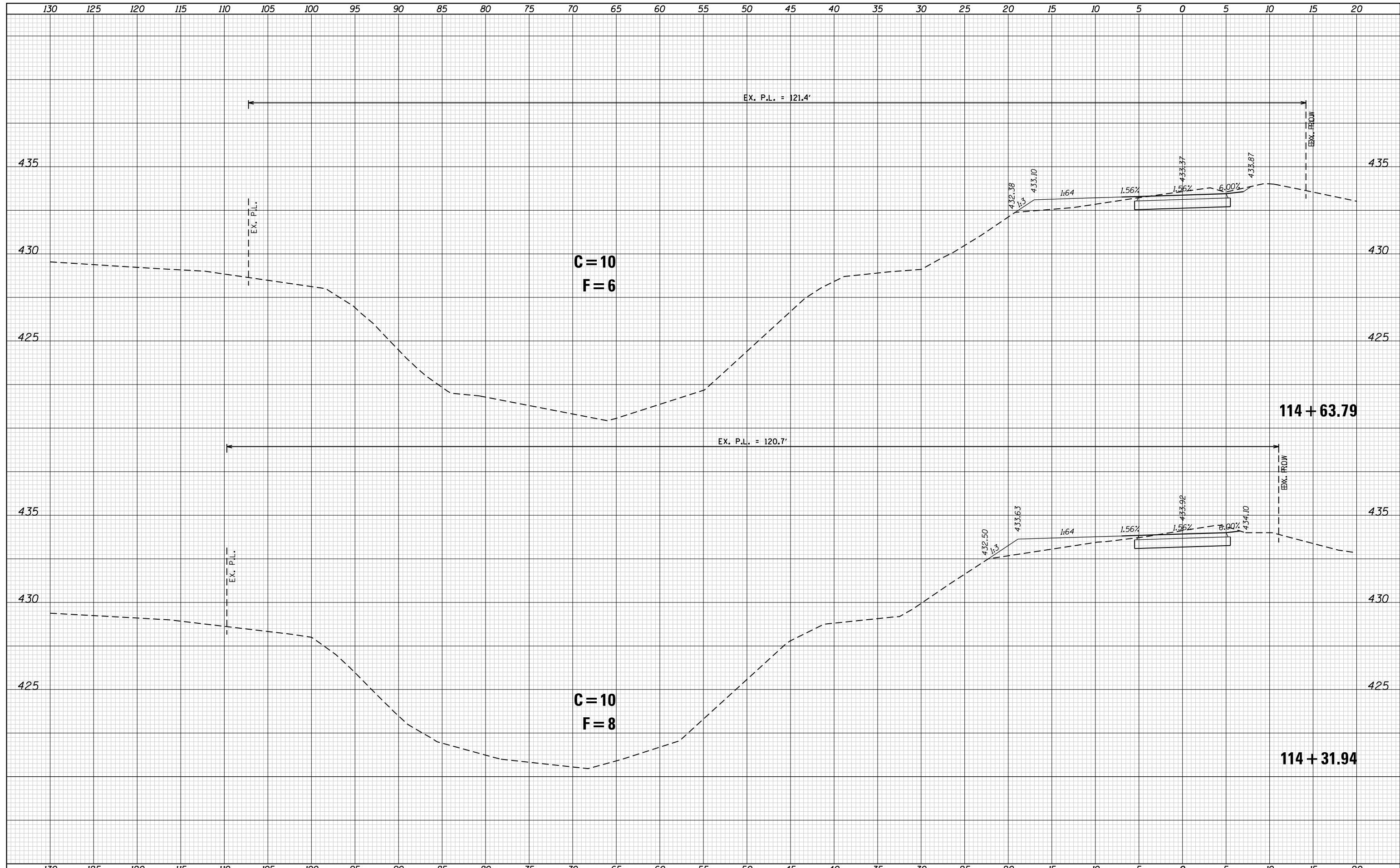
**BERM MULTI-USE PATH
PHASE II**


CROSS SECTIONS	
SCALE:	SHEET NO. 15 OF 19 SHEETS STA. 113+00.00 TO STA. 114+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00024-01-BT	ST. CLAIR	33	29
CONTRACT NO.			97668	
ILLINOIS FED. AID PROJECT				

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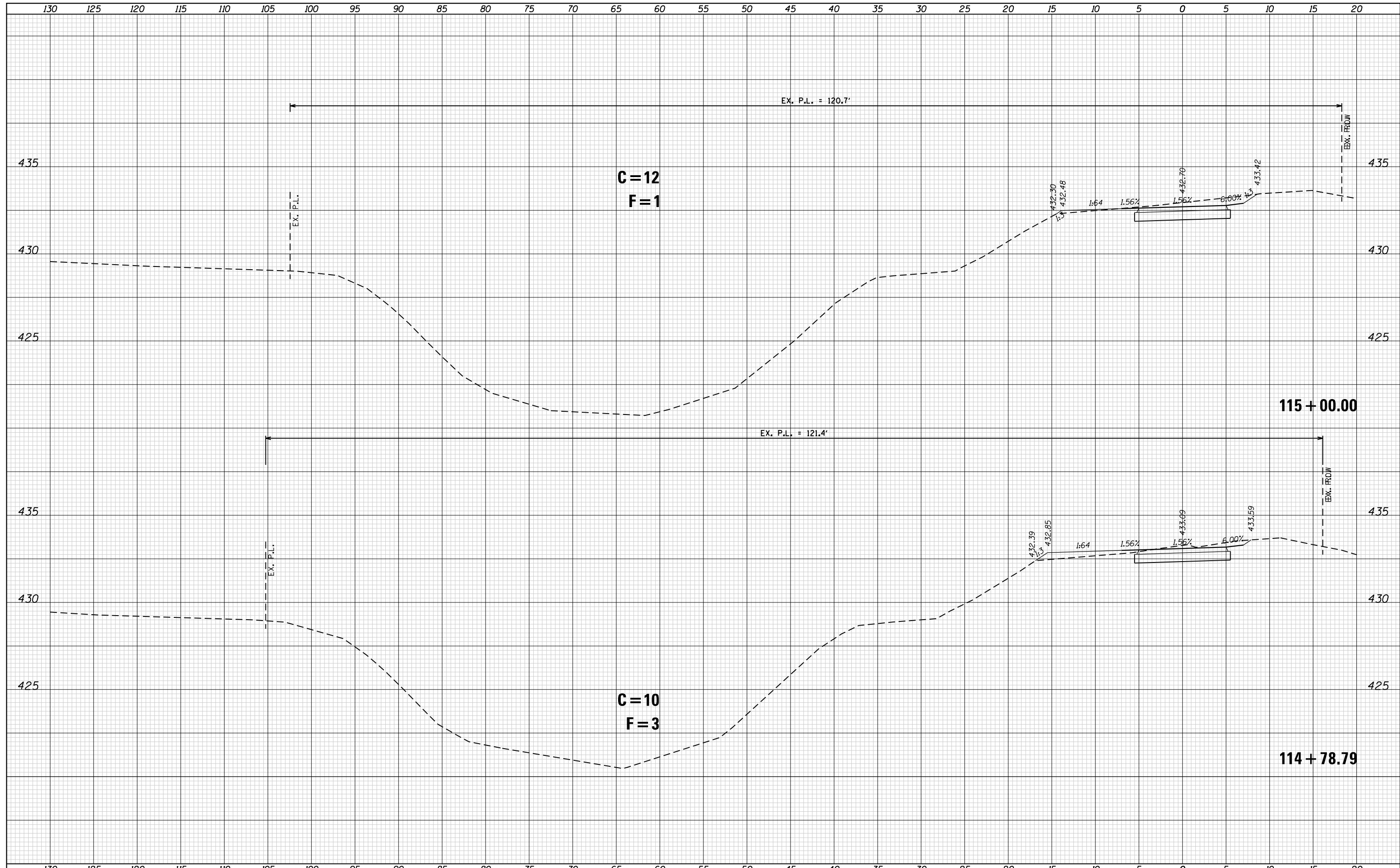
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ORIGINAL SURVEY NOTE BOOK NO.	




FILE NAME = ...160536-sh1.XSEC.dgn	DESIGNED -	REVISÉD -	THOUVENOT, WADE & MOERCHEN, INC. <small>CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688</small>  <small>EXCEPTIONAL SERVICE. NOTHING LESS.</small>	BERM MULTI-USE PATH PHASE II	CROSS SECTIONS		F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10,0000' / in.	DRAWN -	REVISÉD -					15-00024-01-BT	ST. CLAIR	33	30	
USER NAME = jreis	CHECKED -	REVISÉD -			SCALE:		SHEET NO. 16 OF 19 SHEETS	STA. 114+31.94 TO STA. 114+63.79	CONTRACT NO. 97668		
PLOT DATE = 1/25/2018 3:59:36 PM	DATE -	REVISÉD -							ILLINOIS FED. AID PROJECT		

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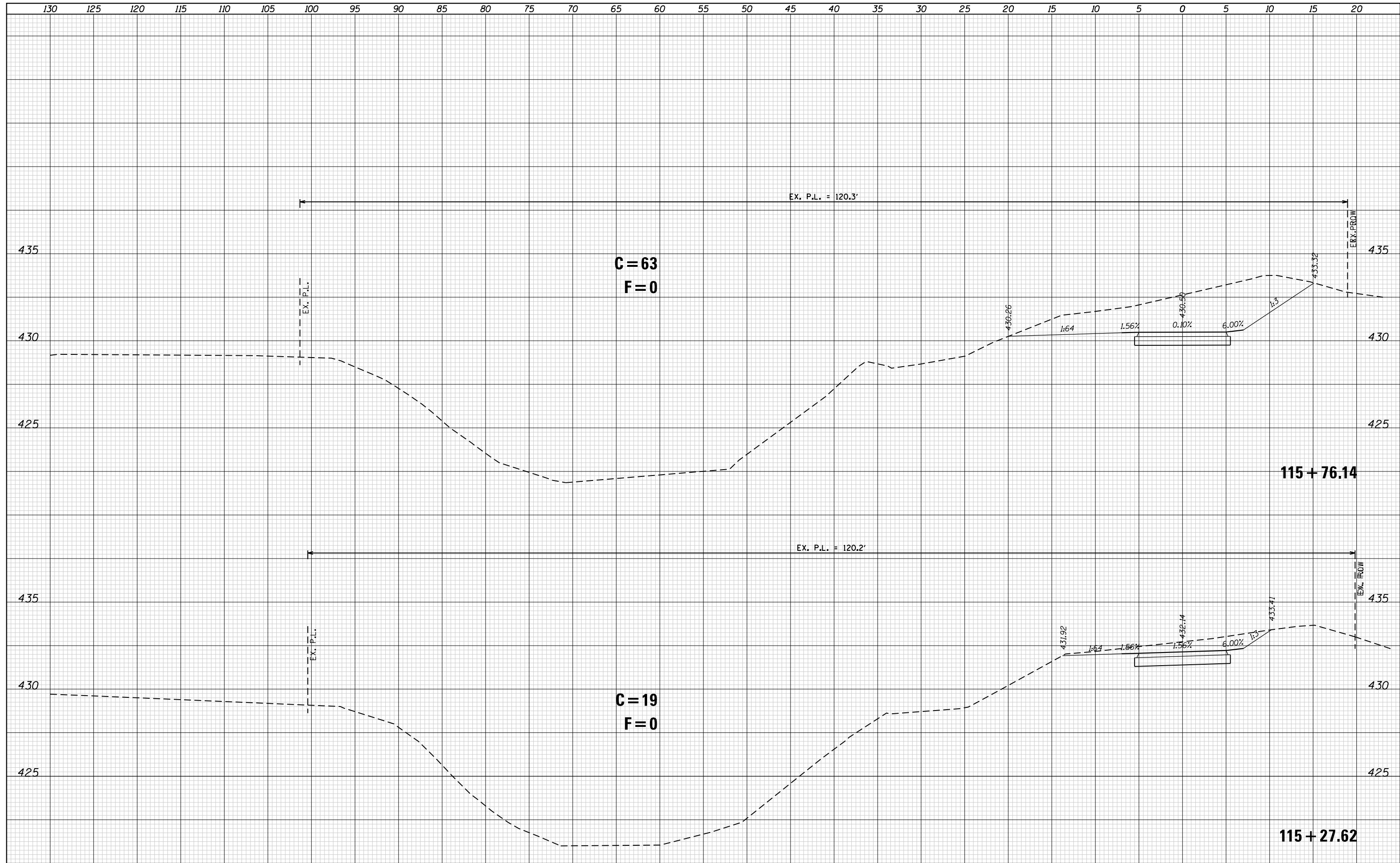
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PLOT SCALE = 10,0000' / In.	DRAWN -	REVISÉD -					15-00024-01-BT	ST. CLAIR	33	31		
USER NAME = jreis	CHECKED -	REVISÉD -			SCALE:		SHEET NO. 17 OF 19 SHEETS	STA. 114+78.79 TO STA. 115+00.00	CONTRACT NO. 97668		ILLINOIS FED. AID PROJECT	
PLOT DATE = 1/25/2018 3:59:36 PM	DATE -	REVISÉD -			SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES							

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FILE NAME = ...160536-sh1.XSEC.dgn
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**BERM MULTI-USE PATH
 PHASE II**

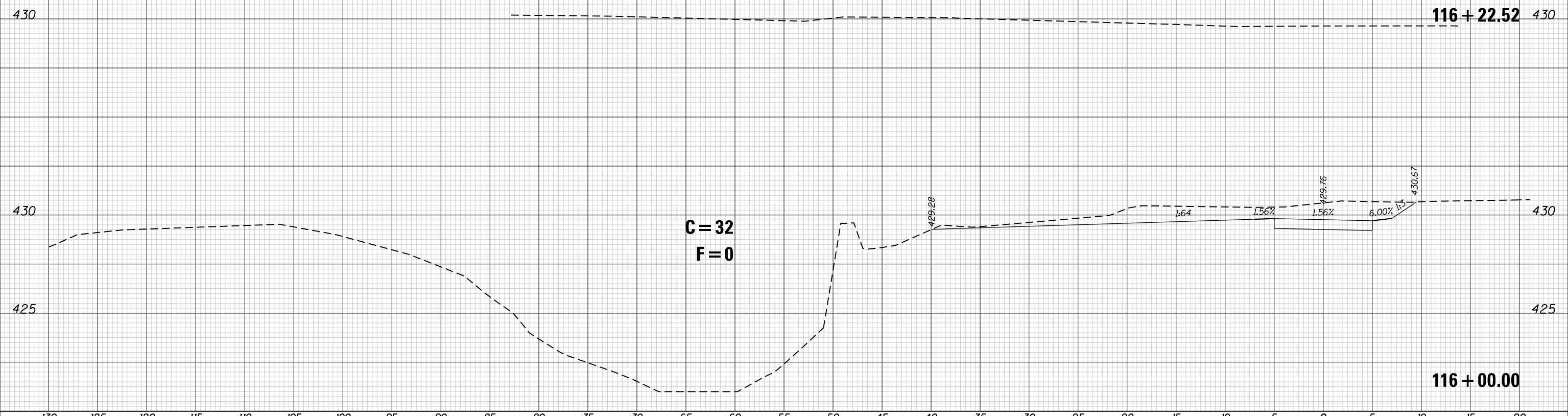
CROSS SECTIONS
 SCALE: SHEET NO. 18 OF 19 SHEETS STA. 115+27.62 TO STA. 115+76.14

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00024-01-BT	ST. CLAIR	33	32
CONTRACT NO.			97668	
ILLINOIS FED. AID PROJECT				

130 125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

DATE	BY	SURVEYED	PLOTTED
		NOTE BOOK	TEMPLATE
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PLOT SCALE = 10,0000' / In.	DRAWN -	REVISÉD -						15-00024-01-BT	ST. CLAIR	33	33		
USER NAME = jreis	CHECKED -	REVISÉD -				SCALE:		SHEET NO. 19 OF 19 SHEETS	STA. 116+00.00 TO STA. 116+22.52	CONTRACT NO. 97668		ILLINOIS FED. AID PROJECT	
PLOT DATE = 1/25/2018 3:59:37 PM	DATE -	REVISÉD -											