

FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR GENERAL NOTES, SEE SHEET NO. 3
 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4 - 12

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

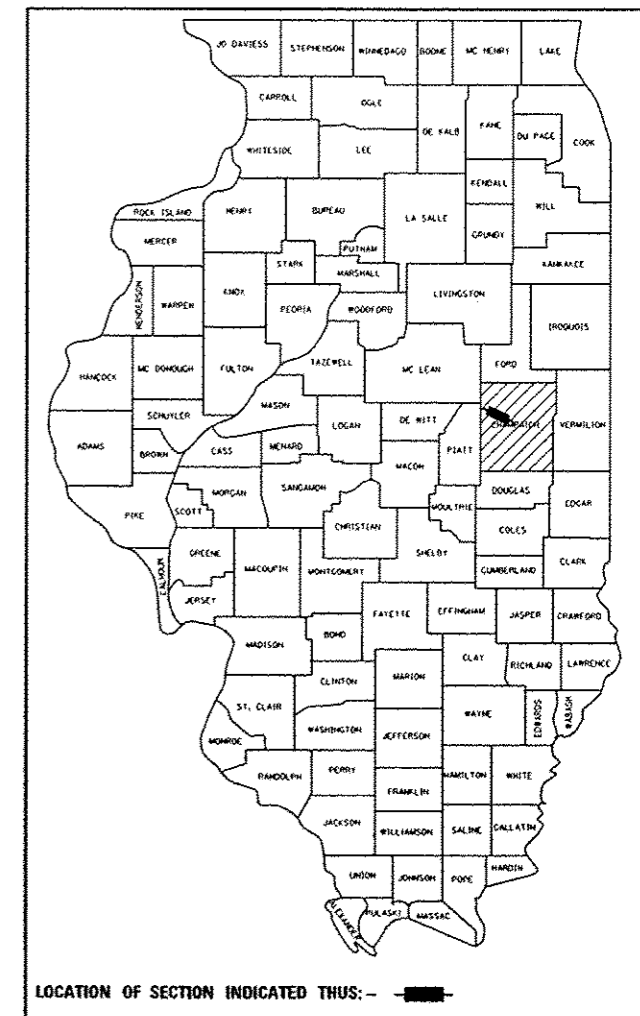
F.A.I. ROUTE 74
 SECTION (74,10-4-1,10-4,10-5)RS
 PROJECT ACNHPP-ACHSIP-0074 (314)
 RESURFACING (INT-3RD) SAFETY IMPROVEMENTS
 CHAMPAIGN COUNTY

C-95-022-09

0.5 MI W OF ILL 47 IN MAHOMET TO 0.5 MI W OF I-57

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN ILLINOIS	109	1
			CONTRACT NO. 70765	

D-95-022-09



STRUCTURE INFORMATION

STRUCTURE	TYPE OF WORK
010-8048	RIPRAP & HMA INLAY
010-0014	OMISSION
010-0015	OMISSION
010-0016	OMISSION
010-0017	OMISSION
010-0159	CRASHWALL EXTENSIONS
010-0167	OMISSION
010-0169	OMISSION
010-0289	OMISSION

CURRENT TRAFFIC DATA

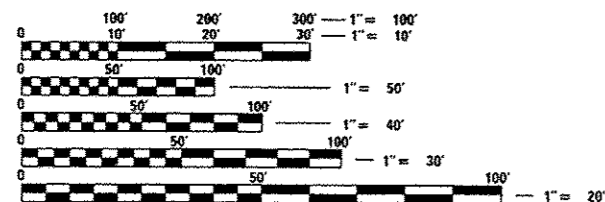
F.A.I. ROUTE 74

	LEG "A"	LEG "B"	LEG "C"
2013 ADT =	21,800	27,800	27,500
PV % =	67.6	73.5	75.3
SU % =	4.6	3.5	3.6
MU % =	27.8	23.0	21.1

TRAFFIC DATA LOCATIONS

LEG "A" = 0.5 MILES WEST OF IL 47 TO IL 47
 LEG "B" = IL 47 TO PRAIRIE VIEW RD
 LEG "C" = PRAIRIE VIEW RD TO 0.5 MILES WEST OF I-57

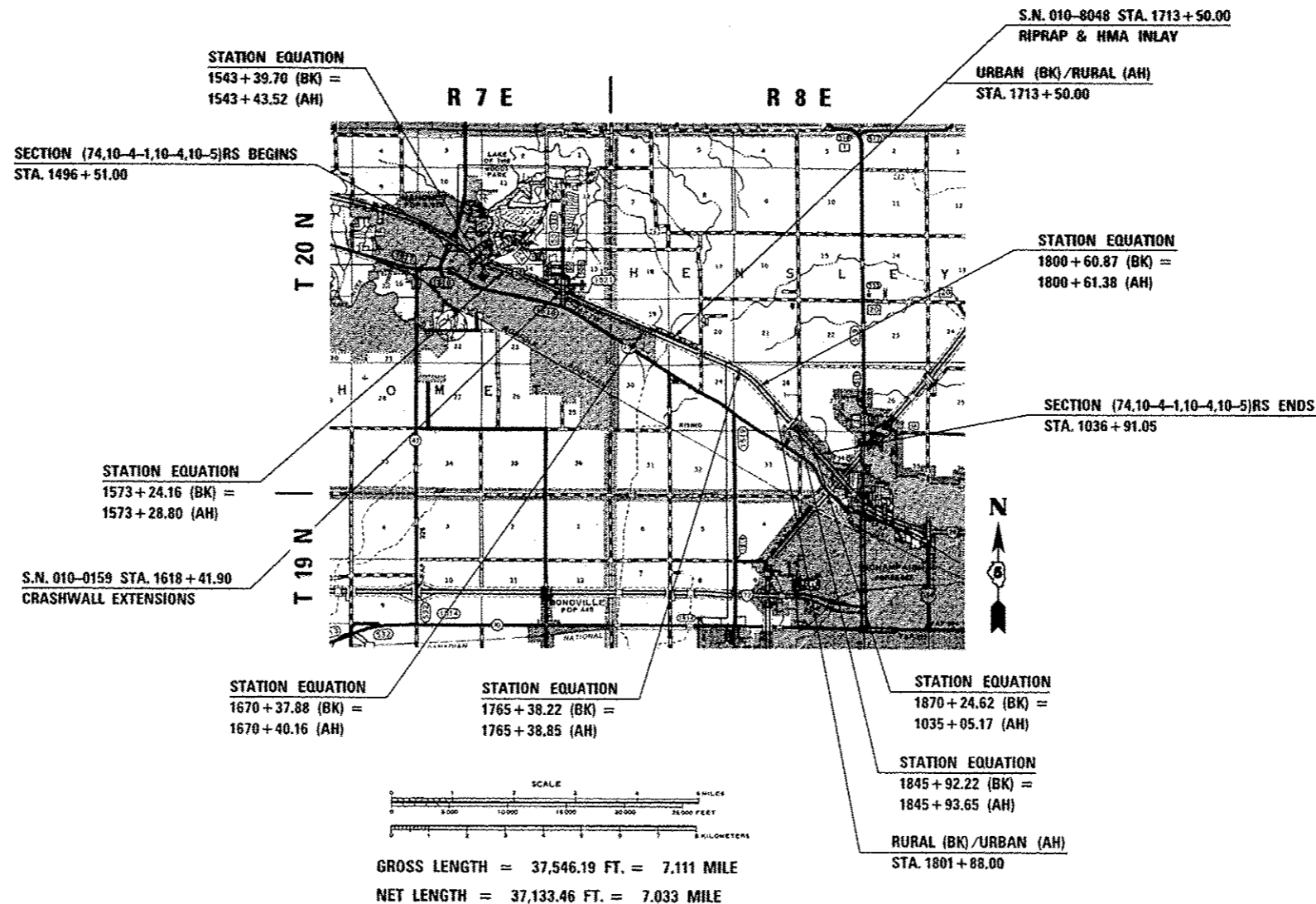
**DESIGN DESIGNATION
 INTERSTATE**



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
MAHOMET & HENSLEY TOWNSHIPS

PROJECT ENGINEER: JASON W. STULTS
 SQUAD LEADER: RYAN T. CARROLL
 217-465-4181
 CONTRACT NO. 70765



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED December 8, 2015

Kenneth G. Gounett
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER

Maureen M. Addis P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT

Omer Osman P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS**

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LIST OF STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-08	PAVEMENT JOINTS
421001-02	BAR REINFORCEMENT FOR CRC PAVEMENT
442001-04	CLASS A PATCHES
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-09	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-13	TRAFFIC BARRIER TERMINAL, TYPE 6
631033-06	TRAFFIC BARRIER TERMINAL, TYPE 6B
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-02	SHOULDER RUMBLE STRIPS, 16 INCH
643001-02	SAND MODULE IMPACT ATTENUATORS
665001-02	WOVEN WIRE FENCE
701101-04	OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
701400-08	APPROACH TO LANE CLOSURE FREEWAY/EXPRESSWAY
701401-09	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS > 45
701426-07	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 45
701428	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701456-03	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

COMMITMENTS & STRUCTURE INFORMATION

COMMITMENTS: THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

STRUCTURE INFORMATION: BASED ON STRUCTURAL ANALYSIS, THE FOLLOWING SHOULD BE NOTED WITH REGARDS TO MATERIAL TRANSFER DEVICES (MTD) TRAVELING OVER EXISTING STRUCTURES:

ONLY AN EMPTY MTD MAY PASS OVER THE FOLLOWING STRUCTURES: 010-0014, 010-0015, 010-0016, 010-0017, AND 010-8048.

FILE NAME =	USER NAME = gerrillns	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & HIGHWAY STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11084848IDINTEG\Illinois.gov\PI\DOT\De	umanta\DOT Offices\District 5V\Pro\wcta\087	DRAWN	REVISED			74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	2	
	PLGT SCALE = 40.0000 1/4 in.	CHECKED -	REVISED -			CONTRACT NO. 70765					
MODELNAME =	PLGT DATE = 12/4/2019	DATE -	REVISED -			SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-280
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DISTURBED EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH AT THE TIME OF THEIR COMPLETION.

G.N.-403A
BITUMINOUS SURFACE TREATMENTS: THE RESULTING TARGET APPLICATION RATES ARE AS FOLLOWS:

SHOULDER SEAL:

TYPE OF CONSTRUCTION	BITUMINOUS MATERIAL	APPLICATION RATE	AGGREGATE	APPLICATION RATE
A-1	HFP-CRSP	0.25 gal/yd ²	FM-01 (SPECIAL)	15 lb/yd ²
A-1	HFP-CRSP	0.25 gal/yd ²	FM-20 (SPECIAL)	15 lb/yd ²

AGGREGATE GRADATION:

SIEVE NUMBER	TOTAL PERCENT PASSING	
	FM-01 (SPECIAL)	FM-20 (SPECIAL)
3/8"	100	100
No.4	97+/-3	97+/-3
No.8	85+/-15	70+/-20
No.16	40+/-15	40+/-15
No.50	12+/-12	12+/-12
No.100	8+/-8	8+/-8
No.200	1.5+/-1	1.5+/-1
DESCRIPTION:	WET BOTTOM BOILER SLAG	CRUSHED GRAVEL GRAVEL

NOTE: THE ENGINEER RESERVES THE RIGHT TO ADJUST THE TARGET APPLICATION RATES AND THE QUANTITIES.

G.N.-406
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N.-406.10
FOR MULTILANE RESURFACING
WHEN BEGINNING THE RESURFACING WITH NEW MIXTURES FOR LEVELING BINDER, BINDER COURSE, AND SURFACE COURSE MIXTURES, THE WORK WILL BE CONFINED TO THE INSIDE TRAFFIC LANE (PASSING LANE) FIRST. THE WORK WILL REMAIN ON THE INSIDE LANE UNTIL THE MIX HAS BEEN ADJUSTED AND APPROVED BY THE ENGINEER BEFORE ANY RESURFACING IS ALLOWED ON THE OUTSIDE (DRIVING) TRAFFIC LANE(S).

ANY DELAYS OR INCONVENIENCES CAUSED THE CONTRACTOR IN COMPLYING WITH THIS REQUIREMENT WILL BE CONSIDERED INCIDENTAL TO THE VARIOUS HOT-MIX ASPHALT PAY ITEMS, AS SHOWN IN THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-406H
MIXTURE REQUIREMENTS
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location	I-74	I-74	I-74 and Ramps	I-74	Ramps	Ramps
Mixture Use AC/PG	Polymer Surface SBS PG 70-22	Polymer Binder SBS PG 70-22	HMA Shoulder PG 64-22	Incidental PG 64-22	Ramp Surface PG 64-22	Ramp Level Binder PG 64-22
Design Air Voids	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=30	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50
Mix Comp(Gradation)	IL 9.5	IL 19.0	IL 9.5L	IL 9.5	IL 9.5	IL 9.5 FG
Friction Aggregate	Mix E	N.A.	Mix C	Mix C	Mix D	Mix C
Mixture Weight	112	112	112	112	112	112
Quality Management Program	PFP	PFP	QC/QA	QC/QA	QC/QA	QC/QA
Sublot Size	1000	1000	1000	N.A.	N.A.	N.A.

G.N.-442B – PATCHING SCHEDULES
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-482
ALL LOW ESAL MIXTURE PLACED AS HOT-MIX ASPHALT SHOULDERS SHALL BE COMPACTED TO 94.0 - 98.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY. THIS REQUIREMENT SHALL APPLY TO IL 9.5L GRADATION MIXES. THIS MAXIMUM DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE OF FOUR TESTS AS IN OTHER QC/QA TESTING. A NUCLEAR GAUGE DENSITY/CORE CORRELATION SHALL BE PERFORMED FOR THE IL 9.5L USING STANDARD CORRELATION PROCEDURES WHEN MORE THAN 3,000 TONS ARE TO BE PLACED.

G.N.-631
IF THE CONTRACTOR ELECTS TO USE THE ALTERNATE MOUNTING METHOD OF THRU DRILLING THE MOUNTING HOLES FOR THE TRAFFIC BARRIER TERMINALS, TYPE 6, THE HOLES SHALL BE DRILLED USING A CORE DRILL. A HAMMER DRILL WILL NOT BE ALLOWED.

G.N.-703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

G.N.-1004.01
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

SUMMARY OF QUANTITIES

	<i>M001</i>	<i>M001</i>	<i>M001</i>	<i>MS3E</i>	<i>MS3E</i>
LOCATION:	FAI74 (I-74) INTERSTATE URBAN ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI74 (I-74) INTERSTATE RURAL ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI74 (I-74) INTERSTATE URBAN STRUCTURE S.N. 010-0159 STA. 1618+41.90	FAI74 (I-74) INTERSTATE URBAN SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05	FAI74 (I-74) INTERSTATE RURAL SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05
COUNTY:	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
FUNDING BREAKOUT:	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
CONSTRUCTION CODE:	0005	0005	0021	0021	0021
	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
20200100	EARTH EXCAVATION	CU YD	135.0	115.0	20.0			
20400800	FURNISHED EXCAVATION	CU YD	555.0	440.0	115.0			
21400100	GRADING AND SHAPING DITCHES	FOOT	240.0	240.0				
25000210	SEEDING, CLASS 2A	ACRE	1.75	1.50	0.25			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	157.5	135.0	22.5			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	157.5	135.0	22.5			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	157.5	135.0	22.5			
25100115	MULCH, METHOD 2	ACRE	1.75	1.5	0.25			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	175.0	150.0	25.0			
28000305	TEMPORARY DITCH CHECKS	FOOT	275.0	275.0				
28000400	PERIMETER EROSION BARRIER	FOOT	300.0	300.0				
28000500	INLET AND PIPE PROTECTION	EACH	7.0	6.0	1.0			
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	117.0	117.0				
28200200	FILTER FABRIC	SQ YD	117.0	117.0				

*SPECIALTY ITEM

SUMMARY OF QUANTITIES

LOCATION:	FAI 74 (I-74) INTERSTATE URBAN ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE RURAL ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE URBAN STRUCTURE S.N. 010-0159 STA. 1618+41.90	FAI 74 (I-74) INTERSTATE URBAN SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE RURAL SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05
COUNTY:	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
FUNDING BREAKOUT:	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
CONSTRUCTION CODE:	0005	0005	0021	0021	0021

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
50300300	PROTECTIVE COAT	SQ YD	90.0			90.0		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2,389.0			2,389.0		
54248510	CONCRETE COLLAR	CU YD	1.0	1.0				
542D0217	PIPE CULVERTS, CLASS D, TYPE 112"	FOOT	10.0	10.0				
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4.0	4.0				
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	24.0	24.0				
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1,762.5	1,562.5	200.0			
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	200.0	200.0				
* 63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	12.5		12.5			
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3.0	3.0				
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4.0	4.0				
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	5.0	4.0	1.0			
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) TANGENT	EACH	3.0	3.0				
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) FLARED	EACH	9.0	8.0	1.0			

*SPECIALTY ITEM

SUMMARY OF QUANTITIES

LOCATION:	FAI 74 (I-74) INTERSTATE URBAN ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE RURAL ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE URBAN STRUCTURE S.N. 010-0159 STA. 1618+41.90	FAI 74 (I-74) INTERSTATE URBAN SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE RURAL SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05
COUNTY:	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
FUNDING BREAKOUT:	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
CONSTRUCTION CODE:	0005	0005	0021	0021	0021

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
63200310	GUARDRAIL REMOVAL	FOOT	3,200.0	3,086.0	114.0			
63400105	GUARD POSTS	EACH	12.0	12.0				
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	141,429.0	117,777.0	23,652.0			
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	8.0	7.0	1.0			
64301090	ATTENUATOR BASE	SQ YD	208.0	182.0	26.0			
66500105	WOVEN WIRE FENCE, 4'	FOOT	560.0	560.0				
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	10.0	8.0	2.0			
67100100	MOBILIZATION	LSUM	1.0	0.8	0.2			
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	8.0	8.0				
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	LSUM	1.0	0.8	0.2			
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	LSUM	1.0	1.0				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1.0	1.0				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	26.0	20.0	6.0			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	240.0				192.0	48.0

*SPECIALTY ITEM

SUMMARY OF QUANTITIES

LOCATION:	FAI 74 (I-74) INTERSTATE URBAN ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE RURAL ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE URBAN STRUCTURE S.N. 010-0159 STA. 1618+41.90	FAI 74 (I-74) INTERSTATE URBAN SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE RURAL SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05
COUNTY:	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
FUNDING BREAKOUT:	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
CONSTRUCTION CODE:	0005	0005	0021	0021	0021

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
70300100	SHORT TERM PAVEMENT MARKING	FOOT	24,356.0	20,756.0	3,600.0			
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	222.0	222.0				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	185,213.0	158,562.0	26,651.0			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	525.0	525.0				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	5,703.0	5,703.0				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	299.0	299.0				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	145.0	145.0				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	69,233.0	59,250.0	9,983.0			
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	520.0	520.0				
* 73400100	CONCRETE FOUNDATIONS	CU YD	1.4	1.4				
* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	18,590.0	15,590.0	3,000.0			
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	222.0	222.0				
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	166,623.0	142,972.0	23,651.0			
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	525.0	525.0				

*SPECIALTY ITEM

SUMMARY OF QUANTITIES

LOCATION:	FAI 74 (I-74) INTERSTATE URBAN ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE RURAL ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE URBAN STRUCTURE S.N. 010-0159 STA. 1618+41.90	FAI 74 (I-74) INTERSTATE URBAN SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE RURAL SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05
COUNTY:	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
FUNDING BREAKOUT:	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
CONSTRUCTION CODE:	0005	0005	0021	0021	0021
	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	5,703.0	5,703.0				
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	299.0	299.0				
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	145.0	145.0				
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2,209.0	2,093.0	116.0			
78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	38.0	38.0				
78200410	GUARDRAIL MARKERS, TYPE A	EACH	43.0	39.0	4.0			
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	12.0	11.0	1.0			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2,243.0	2,127.0	116.0			
88600100	DETECTOR LOOP, TYPE I	FOOT	239.0	239.0				
X0321962	CONNECTION OF EXISTING PIPE UNDERDRAIN	EACH	4.0	4.0				
X0323388	TRAFFIC COUNTER	EACH	1.0	1.0				
X0325279	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	5.0	5.0				
X0326206	RESET GRATE	EACH	3.0	3.0				
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	385.0	385.0				

*SPECIALTY ITEM

SUMMARY OF QUANTITIES

LOCATION:	FAI 74 (I-74) INTERSTATE URBAN ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE RURAL ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE URBAN STRUCTURE S.N. 010-0159 STA. 1618+41.90	FAI 74 (I-74) INTERSTATE URBAN SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE RURAL SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05			
COUNTY:	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN			
FUNDING BREAKOUT:	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE			
CONSTRUCTION CODE:	0005	0005	0021	0021	0021			
CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	2,488.0	1,900.0	568.0			
X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	296.0	296.0				
X6061702	CONCRETE MEDIAN, TYPE SM (DOWELLED)	SQ FT	296.0	296.0				
* X6311217	TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)	EACH	1.0	1.0				
X6340205	GUARD POSTS REMOVAL	EACH	12.0	12.0				
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	9.0	8.0	1.0			
X6431110	REMOVE ATTENUATOR BASE	EACH	9.0	8.0	1.0			
X6650202	WOVEN WIRE FENCE REMOVAL	FOOT	560.0	560.0				
X7010410	SPEED DISPLAY TRAILER	CAL MO	8.0	6.0	2.0			
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	56.0	45.0	11.0			
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	166,623.0	142,972.0	23,651.0			
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	525.0	525.0				
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	5,703.0	5,703.0				
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	299.0	299.0				

*SPECIALTY ITEM

SUMMARY OF QUANTITIES

	<i>M001</i>	<i>M001</i>	<i>M001</i>	<i>M53</i>	<i>M53</i>
LOCATION:	FAI 74 (I-74) INTERSTATE URBAN ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE RURAL ROADWAY STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE URBAN STRUCTURE S.N. 010-0159 STA. 1618+41.90	FAI 74 (I-74) INTERSTATE URBAN SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05	FAI 74 (I-74) INTERSTATE RURAL SMART WK ZN STA. 1496+51.00 TO STA. 1036+91.05
COUNTY:	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
FUNDING BREAKOUT:	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE	90% FED/10% STATE
CONSTRUCTION CODE:	0005	0005	0021	0021	0021

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	145.0	145.0				
<i>X9700003</i>	SMART TRAFFIC MONITORING SYSTEM	CAL MO	120.0				96	24
X9700006	SMART TRAFFIC MONITORING DEVICE	CAL MO	120.0				96	24
<i>Z0033700</i>	LONGITUDINAL JOINT SEALANT	FOOT	<i>74,667.0</i>	<i>62,841.0</i>	<i>11,826.0</i>			
Z0013798	CONSTRUCTION LAYOUT	LSUM	1.0				0.8	0.2
<i>φ Z0076600</i>	TRAINEES	Hour	<i>1000.0</i>	<i>500.0</i>	<i>500.0</i>			
Z0034105	MATERIAL TRANSFER DEVICE	TON	48,713.0	40,540.0	8,173.0			
<i>φ Z0076604</i>	TRAINEES TRAINING PROGRAM GRADUATE	Hour	<i>1000.0</i>	<i>500.0</i>	<i>500.0</i>			

S *SPECIALTY ITEM
φ 0042

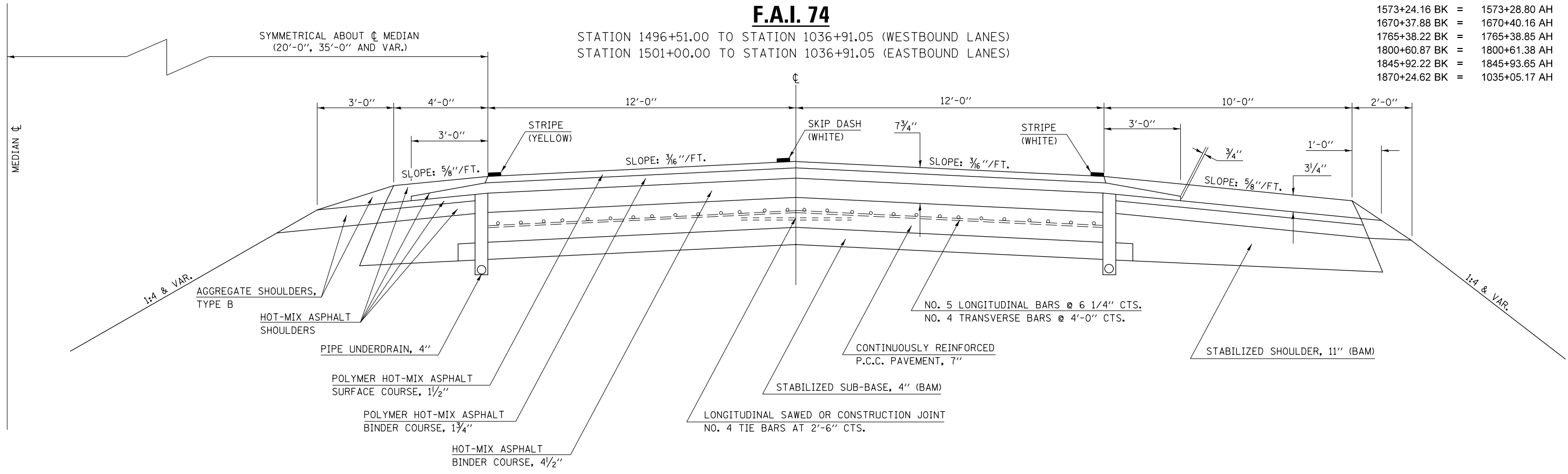
EXISTING TYPICAL CROSS SECTION

F.A.I. 74

STATION 1496+51.00 TO STATION 1036+91.05 (WESTBOUND LANES)
 STATION 1501+00.00 TO STATION 1036+91.05 (EASTBOUND LANES)

STATION EQUATIONS

1543+39.70 BK	=	1543+43.52 AH
1573+24.16 BK	=	1573+28.80 AH
1670+37.88 BK	=	1670+40.16 AH
1765+38.22 BK	=	1765+38.85 AH
1800+60.87 BK	=	1800+61.38 AH
1845+92.22 BK	=	1845+93.65 AH
1870+24.62 BK	=	1035+05.17 AH



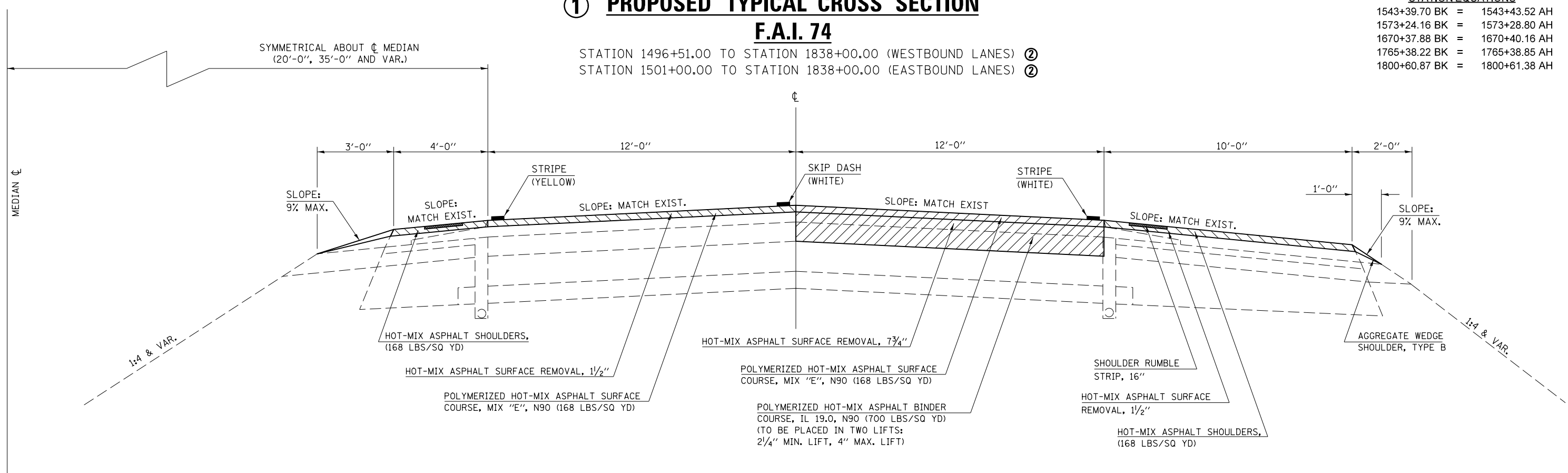
1 PROPOSED TYPICAL CROSS SECTION

F.A.I. 74

STATION 1496+51.00 TO STATION 1838+00.00 (WESTBOUND LANES) ②
 STATION 1501+00.00 TO STATION 1838+00.00 (EASTBOUND LANES) ②

STATION EQUATIONS

1543+39.70 BK	=	1543+43.52 AH
1573+24.16 BK	=	1573+28.80 AH
1670+37.88 BK	=	1670+40.16 AH
1765+38.22 BK	=	1765+38.85 AH
1800+60.87 BK	=	1800+61.38 AH



FILE NAME =	USER NAME = carrollrt	DESIGNED - RTC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINLINE TYPICAL CROSS SECTIONS			F.A.I. 74	SECTION (74,10-4-1,10-4,10-5)RS	COUNTY CHAMPAIGN	TOTAL SHEETS 109	SHEET NO. 13
DRAWN BY: [unclear]								SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.			CONTRACT NO. 70765	
PLOT SCALE = 40.0000' / in.					CHECKED - RLA	REVISED -	ILLINOIS FED. AID PROJECT					
PLOT DATE = 12/4/2015					DATE - 1/30/2013	REVISED -						

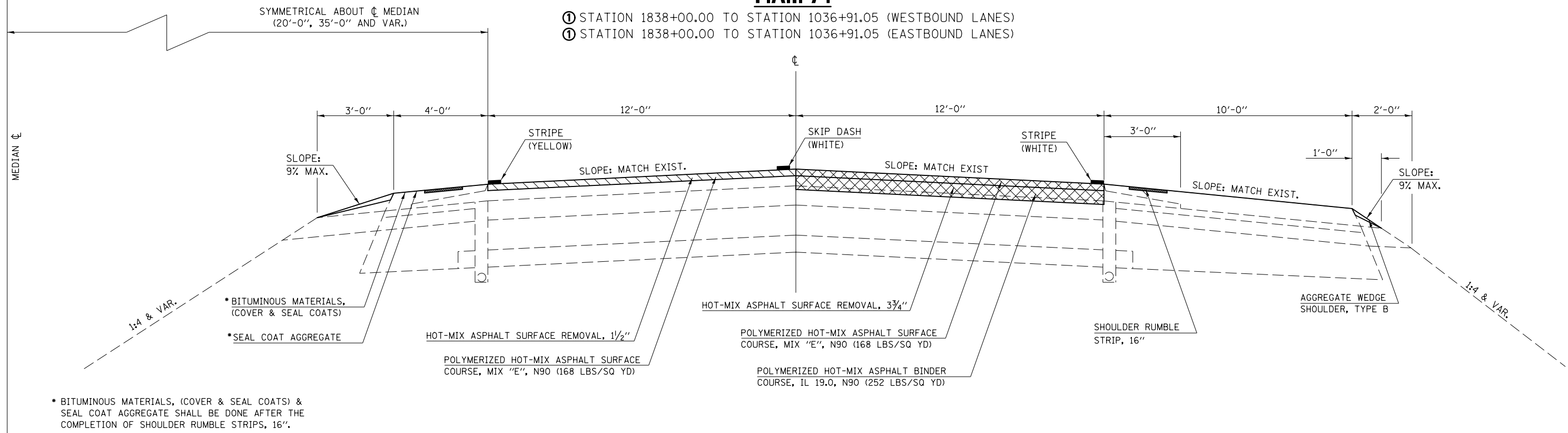
② PROPOSED TYPICAL CROSS SECTION

F.A.I. 74

STATION EQUATIONS

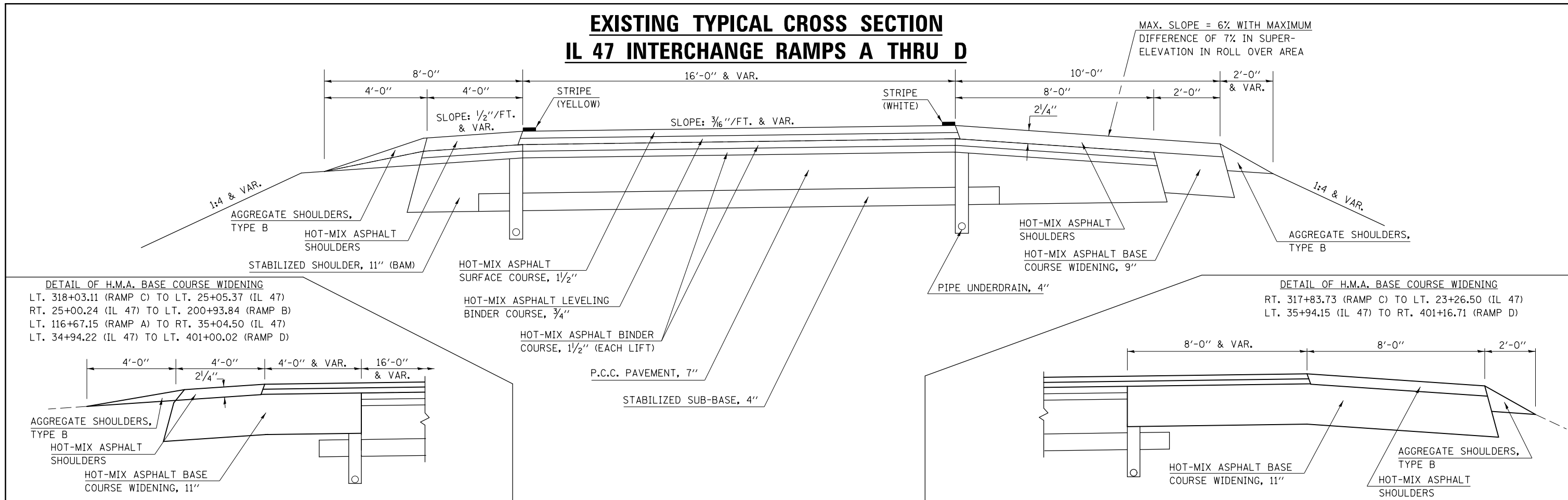
1845+92.22 BK = 1845+93.65 AH
1870+24.62 BK = 1035+05.17 AH

- ① STATION 1838+00.00 TO STATION 1036+91.05 (WESTBOUND LANES)
- ① STATION 1838+00.00 TO STATION 1036+91.05 (EASTBOUND LANES)

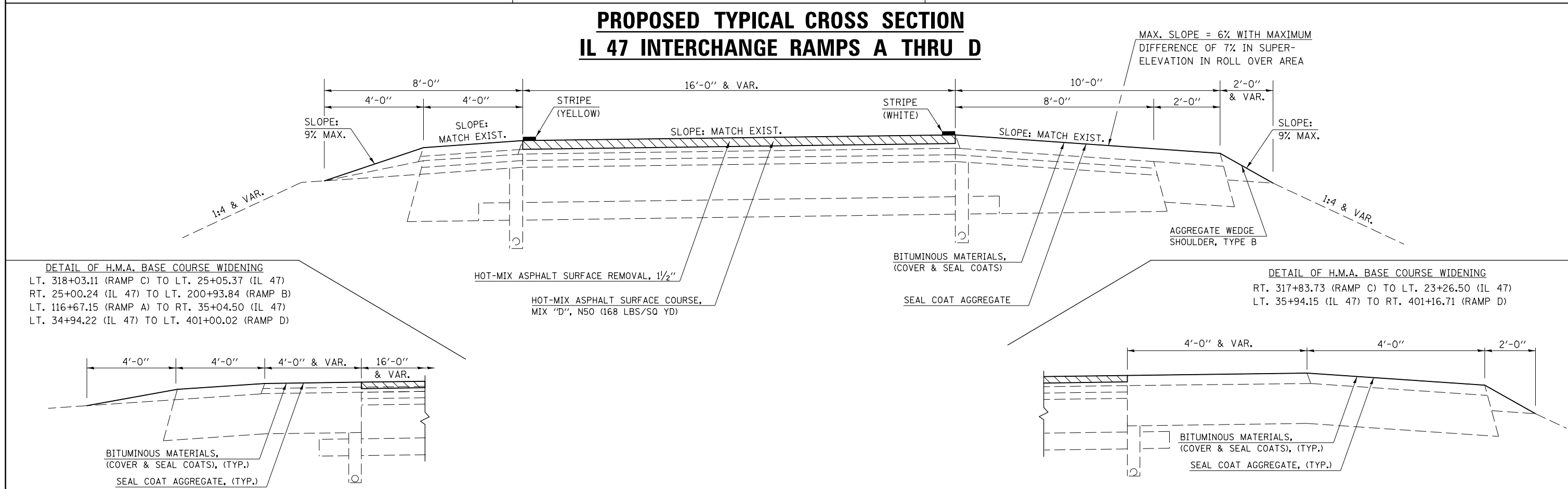


FILE NAME =	USER NAME = carrollrt	DESIGNED - RTC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINLINE TYPICAL CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
DRAWN BY =						74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	14		
PLOT SCALE = 40.0000' / in.						CHECKED - RLA	CONTRACT NO. 70765					
DATE - 1/30/2013						REVISOR -	ILLINOIS FED. AID PROJECT					
SCALE:		SHEET 2 OF 4 SHEETS		STA. TO STA.								

EXISTING TYPICAL CROSS SECTION IL 47 INTERCHANGE RAMPS A THRU D

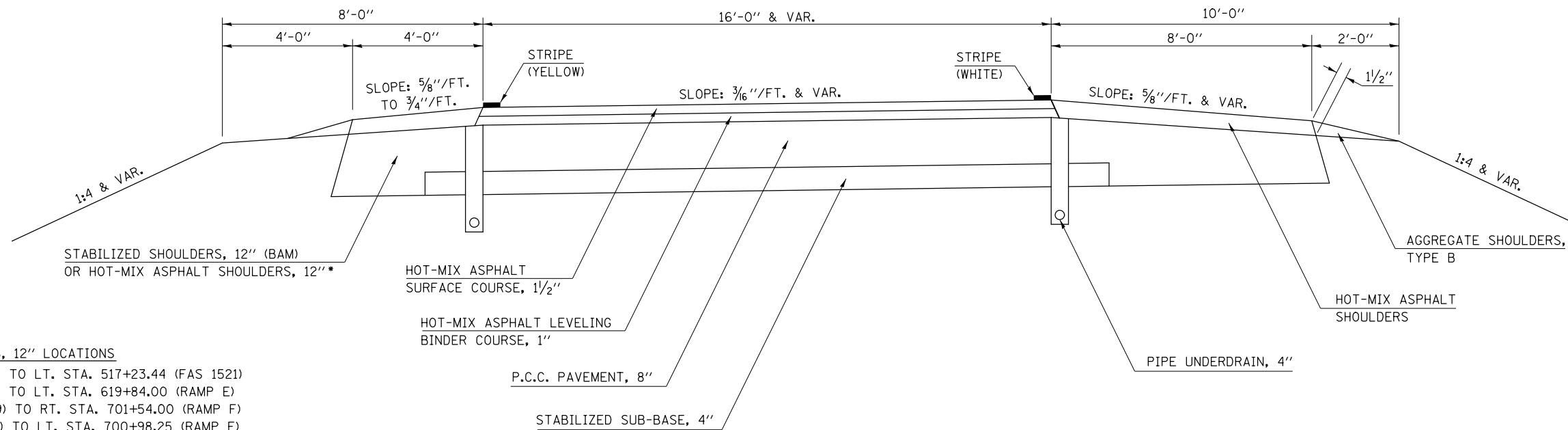


PROPOSED TYPICAL CROSS SECTION IL 47 INTERCHANGE RAMPS A THRU D



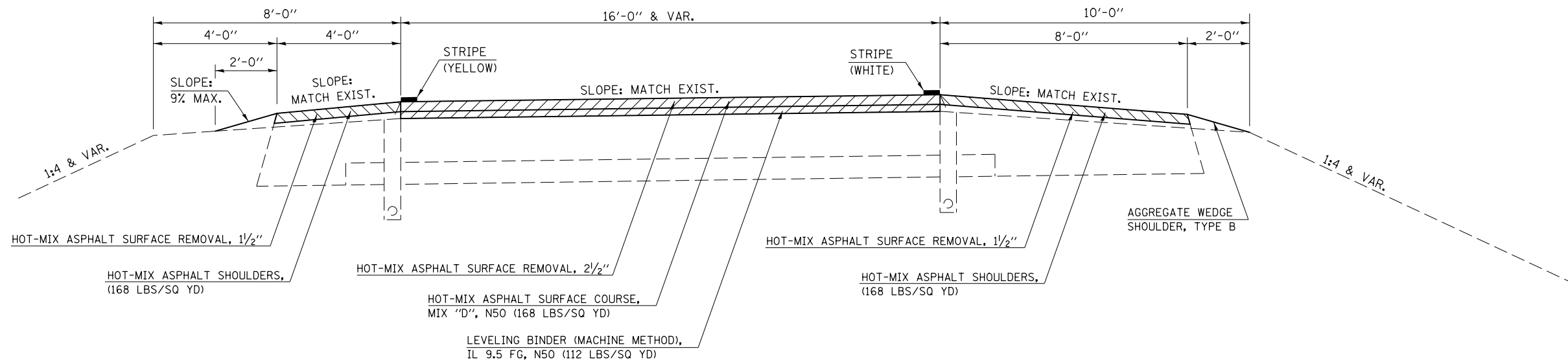
FILE NAME =	USER NAME = carrollrt	DESIGNED - RTC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERCHANGE RAMP TYPICAL CROSS SECTIONS	SCALE:	SHEET 3 OF 4 SHEETS	STA. TO STA.	F.A.I. RTE. 74	SECTION (74,10-4-1,10-4,10-5)RS	COUNTY CHAMPAIGN	TOTAL SHEETS 109	SHEET NO. 15
DRAWN BY: EAD/RTG						CONTRACT NO. 70765				ILLINOIS FED. AID PROJECT			
PLOT SCALE = 40.0000' / in.													
PLOT DATE = 12/4/2015													

EXISTING TYPICAL CROSS SECTION PRAIRIE VIEW ROAD INTERCHANGE RAMPS E THRU H



- * HOT-MIX ASPHALT SHOULDERS, 12" LOCATIONS
- RT. STA. 618+55.00 (RAMP E) TO LT. STA. 517+23.44 (FAS 1521)
 - LT. STA. 619+33.00 (RAMP E) TO LT. STA. 619+84.00 (RAMP E)
 - RT. STA. 503+32.07 (FAP 719) TO RT. STA. 701+54.00 (RAMP F)
 - LT. STA. 700+32.00 (RAMP F) TO LT. STA. 700+98.25 (RAMP F)
 - LT. STA. 819+41.11 (RAMP G) TO LT. STA. 819+85.00 (RAMP G)
 - RT. STA. 818+57.00 (RAMP G) TO LT. STA. 503+27.86 (FAP 719)
 - LT. STA. 518+26.00 (FAS 1521) TO LT. STA. 900+80.00 (RAMP H)
 - RT. STA. 900+98.85 (RAMP H) TO RT. STA. 900+42.00 (RAMP H)

PROPOSED TYPICAL CROSS SECTION PRAIRIE VIEW ROAD INTERCHANGE RAMPS E THRU H



FILE NAME =	USER NAME = carrollrt	DESIGNED - RTC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERCHANGE RAMP TYPICAL CROSS SECTIONS	F.A.I. R.T.E. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\0579\0579-016-D70765-sht-typical				DRAWN BY =	CHECKED BY =	74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	16
PLOT SCALE = 40.0000' / in.				DATE =	REVISIONS	CONTRACT NO. 70765				
PLOT DATE = 12/4/2015				DATE = 1/30/2013	REVISIONS	ILLINOIS FED. AID PROJECT				
SCALE:						SHEET 4 OF 4 SHEETS STA. TO STA.				

SCHEDULE OF QUANTITIES

MAINLINE RESURFACING AND AGGREGATE QUANTITIES

EASTBOUND DRIVING LANE

U/R	STA.	TO	STA.	LENGTH FOOT	LANE WIDTH FOOT	LANE AREA SQ YD	SHLDR WIDTH FOOT	SHLDR AREA SQ YD	40300100	40300300	40300600	40600275	40603240	40600982	40600990	40603570	44000155		44000164	44000181	48102100	48203100	64200116	X4401198	Z0034105		
									BIT MATL (PRIME COAT) GALLON	BIT MATL COVER & SEAL GALLON	SEAL COAT AGG TON	BIT MATL (PRIME COAT) POUND	POLY HMA BINDER IL-19.0 N90 TON	HMA SURF REM BUTT JOINT SQ YD	TEMP RAMP SQ YD	POLY HMA SURF CSE MIX "E", N90 1.5 INCH TON	HMA SURFACE REM 1.5 INCH LANE SHLDR SQ YD SQ YD		HMA SURF REMOVAL 3.75 INCH SQ YD	HMA SURFACE REMOVAL 7.75 INCH SQ YD	AGG WEDGE SHOULDER TYPE B TON	HMA SHLDRS (1.5 INCH) TON	RUMBLE STRIPS 16 INCH FOOT	HMA SURF REMOVAL VARIABLE DEPTH SQ YD	MATL TRANS DEVICE TON		
U	1501+00.00	TO	1502+11.00	111.00	12.0	148.00	10.0	123.33				188.70	51.80		7.0	12.43		123.33		148.00	2.78	10.36	111.00			64.23	
U	1502+11.00	TO	1508+70.00	659.00	12.0	878.67	RAMP "C" OMISSION					790.80	307.53			73.81	RAMP "C" OMISSION			878.67	RAMP "C" OMISSION				381.34		
U	1508+70.00	TO	1516+17.00	747.00	12.0	996.00	10.0	830.00				1,269.90	348.60			83.66		830.00		996.00	18.68	69.72	747.00			432.26	
U	1516+17.00	TO	1518+04.76	187.76	12.0	250.35	10.0	208.62				319.19	57.83	458.97	7.0	21.03					4.69	17.52	187.76			78.86	
OMISSION: SN 010-0015																											
U	1519+55.95	TO	1521+43.00	187.05	12.0	249.40	10.0	207.83				317.98	57.61	457.23	7.0	20.95					4.68	17.46	187.05			78.56	
U	1521+43.00	TO	1527+35.00	592.00	12.0	789.33	10.0	657.78				1,006.40	276.27			66.30		657.78		789.33	14.80	55.25	592.00			342.57	
U	1527+35.00	TO	1535+77.40	842.40	12.0	1,123.20	RAMP "B" OMISSION					1,010.88	393.12			94.35	RAMP "B" OMISSION			1,123.20	RAMP "B" OMISSION				487.47		
U	1535+77.00	TO	1537+64.10	187.10	12.0	249.47	RAMP "B" OMISSION					224.52	57.63	249.47	7.0	20.96	RAMP "B" OMISSION				RAMP "B" OMISSION				78.58		
OMISSION: SN 010-0016																											
U	1542+17.38	TO	1543+39.70	122.32	12.0	163.09	10.0	135.91				207.94	37.67	299.00	7.0	13.70					3.06	11.42	122.32			51.37	
STATION EQUATION																											
U	1543+43.52	TO	1544+08.80	65.28	12.0	87.04	10.0	72.53				110.98	20.11	159.57		7.31					1.63	6.09	65.28			27.42	
U	1544+08.80	TO	1545+14.50	105.70	12.0	140.93	10.0	117.44				179.69	49.33			11.84		117.44		140.93	2.64	9.87	105.70			61.17	
U	1545+14.50	TO	1550+34.50	520.00	12.0	693.33	10.0	577.78				884.00	160.16			58.24		577.78			13.00	48.53	520.00	693.33		218.40	
U	1550+34.50	TO	1573+24.16	2,289.66	12.0	3,052.88	10.0	2,544.07				3,892.42	1,068.51		7.0	256.44		2,544.07		3,052.88	57.24	213.70	2,289.66			1,324.95	
STATION EQUATION																											
U	1573+28.80	TO	1602+45.30	2,916.50	12.0	3,888.67	10.0	3,240.56				4,958.05	1,361.03			326.65		3,240.56		3,888.67	72.91	272.21	2,916.50			1,687.68	
U	1602+45.30	TO	1609+23.00	677.70	12.0	903.60	RAMP "G" OMISSION					813.24	316.26			75.90	RAMP "G" OMISSION			903.60	RAMP "G" OMISSION				392.16		
U	1609+23.00	TO	1615+98.61	675.61	12.0	900.81	10.0	750.68				1,148.54	315.28	7.0		75.67		750.68		900.81	16.89	63.06	675.61			390.95	
U	1615+98.61	TO	1621+28.61	530.00	12.0	706.67	10.0	588.89				901.00	163.24			59.36		588.89			13.25	49.47	530.00	706.67		222.60	
U	1621+28.61	TO	1628+07.00	678.39	12.0	904.52	10.0	753.77				1,153.26	316.58			75.98		753.77		904.52	16.96	63.32	678.39			392.56	
U	1628+07.00	TO	1638+89.55	1,082.55	12.0	1,443.40	RAMP "F" OMISSION					1,299.06	505.19	7.0		121.25	RAMP "F" OMISSION			1,443.40	RAMP "F" OMISSION				626.44		
U	1638+89.55	TO	1670+37.88	3,148.33	12.0	4,197.77	10.0	3,498.14				5,352.16	1,469.22			352.61		3,498.14		4,197.77	78.71	293.84	3,148.33			1,821.83	
STATION EQUATION																											
U	1670+40.16	TO	1739+00.00	6,859.84	12.0	9,146.45	10.0	7,622.04				11,661.73	3,201.26	7.0		768.30		7,622.04		9,146.45	171.50	640.25	6,859.84			3,969.56	
U	1739+00.00	TO	1742+74.26	374.26	12.0	499.01	10.0	415.84				636.24	115.27			41.92		415.84			9.36	34.93	374.26	499.01		157.19	
R	1742+74.26	TO	1747+00.00	425.74	12.0	567.65	10.0	473.04				723.76	131.13			47.68		473.04			10.64	39.74	425.74	567.65		178.81	
R	1747+00.00	TO	1765+38.22	1,838.22	12.0	2,450.96	10.0	2,042.47				3,124.97	857.84			205.88		2,042.47		2,450.96	45.96	171.57	1,838.22			1,063.72	
STATION EQUATION																											
R	1765+38.85	TO	1800+60.87	3,522.02	12.0	4,696.03	10.0	3,913.36				5,987.43	1,643.61	7.0		394.47		3,913.36		4,696.03	88.05	328.72	3,522.02			2,038.08	
STATION EQUATION																											
R	1800+61.38	TO	1801+88.00	126.62	12.0	168.83	10.0	140.69				215.25	59.09			14.18		140.69		168.83	3.17	11.82	126.62			73.27	
U	1801+88.00	TO	1838+00.00	3,612.00	12.0	4,816.00	10.0	4,013.33				6,140.40	1,685.60	7.0		404.54		4,013.33		4,816.00	90.30	337.12	3,612.00			2,090.14	
U	1838+00.00	TO	1845+92.22	792.22	12.0	1,056.29	10.0	880.24	88.02	220.06	6.60	950.66	133.09			88.73			1,056.29		19.81		792.22			221.82	
STATION EQUATION																											
U	1845+93.65	TO	1870+24.62	2,430.97	12.0	3,241.29	10.0	2,701.08	270.11	675.27	20.26	2,917.16	408.40			272.27			3,241.29		60.77		2,430.97			680.67	
STATION EQUATION																											
U	1035+05.17	TO	1036+91.05	185.88	12.0	247.84	10.0	206.53	20.65	51.63	1.55	223.06	31.23	7.0		20.82			247.84		4.65		185.88			52.05	
EASTBOUND DRIVING LANE URBAN TOTALS =									379.0	947.0	29.0	48,558.0	12,908.0	1,625.0	77.0	3,425.0	25,734.0	4,546.0	33,331.0	679.0	2,215.0	27,132.0	1,900.0	16,333.0			
EASTBOUND DRIVING LANE RURAL TOTALS =									0.0	0.0	0.0	10,052.0	2,692.0	0.0	7.0	662.0	6,570.0	0.0	7,316.0	148.0	552.0	5,913.0	568.0	3,354.0			
TOTALS =									379.0	947.0	29.0	58,610.0	15,600.0	1,625.0	84.0	4,087.0	32,304.0	4,546.0	40,647.0	827.0	2,767.0	33,045.0	2,468.0	19,687.0			

Notes:
 Bituminous Materials (Prime Coat) calculation includes 1 application at 0.05 lb/sq ft for the Passing Lane, Driving Lane, and Shoulders and an additional 2 applications at 0.025 lb/sq ft for the Driving Lane for Typical #1 or 1 application for the Driving Lane at 0.025 lb/sq ft for Typical #2.
 U = Urban and R = Rural

SCHEDULE OF QUANTITIES

MAINLINE RESURFACING AND AGGREGATE QUANTITIES, CONT.

EASTBOUND PASSING LANE

U/R	STA.	TO	STA.	LENGTH FOOT	LANE WIDTH FOOT	LANE AREA SQ YD	SHLDR WIDTH FOOT	SHLDR AREA SQ YD	40300100	40300300	40300600	40600275	40603240	40600982	40600990	40603570	44000155		44000164	44000181	48102100	48203100	64200116	X4401198	Z0034105	Z0033700	
									BIT MATL (PRIME COAT)	BIT MATL COVER & SEAL	SEAL COAT AGG	BIT MATL (PRIME COAT)	POLY HMA BINDER IL-19.0 N90	HMA SURF REM BUTT JOINT	TEMP RAMP	POLY HMA SURF CSE MIX "E", N90 1.5 INCH	HMA SURFACE REM 1.5 INCH		HMA SURF REMOVAL 3.75 INCH	HMA SURFACE REMOVAL 7.75 INCH	AGG WEDGE SHOULDER TYPE B	HMA SHLDRS (1.5 INCH)	RUMBLE STRIPS 16 INCH	HMA SURF REMOVAL VARIABLE DEPTH	MATL TRANS DEVICE	LONG. JOINT SEALANT	
									GALLON	GALLON	TON	POUND	TON	SQ YD	SQ YD	LANE SQ YD	SHLDR SQ YD	SQ YD	SQ YD	TON	TON	FOOT	SQ YD	TON	TON	FOOT	
U	1501+00.00	TO	1516+17.00	1,517.00	12.0	2,022.67	4.0	674.22				1,213.60			7.0	169.90	2,022.67	674.22			37.93	56.63	1517.00		169.90	1,517.00	
U	1516+17.00	TO	1518+04.76	187.76	12.0	250.35	4.0	83.45				150.21		333.80	7.0	21.03					4.69	7.01	187.76		21.03	187.76	
OMISSION: SN 010-0015																											
U	1519+55.95	TO	1521+43.00	187.05	12.0	249.40	4.0	83.13				149.64		332.53	7.0	20.95					4.68	6.98	187.05		20.95	187.05	
U	1521+43.00	TO	1537+68.00	1,625.00	12.0	2,166.67	4.0	722.22				1,300.00				182.00	2,166.67	722.22			40.63	60.67	1,625.00		182.00	1,625.00	
U	1535+77.40	TO	1537+68.00	190.60	12.0	254.13	4.0	84.71				152.48		338.84	7.0	21.35					4.77	7.12	190.60		21.35	190.60	
OMISSION: SN 010-0016																											
U	1542+21.55	TO	1543+39.70	118.15	12.0	157.53	4.0	52.51				94.52		210.04	7.0	13.23					2.95	4.41	118.15		13.23	118.15	
STATION EQUATION																											
U	1543+43.52	TO	1544+08.80	65.28	12.0	87.04	4.0	29.01				52.22		116.05		7.31					1.63	2.44	65.28		7.31	65.28	
U	1544+08.80	TO	1545+14.50	105.70	12.0	140.93	4.0	46.98				84.56				11.84	140.93	46.98			2.64	3.95	105.70		11.84	105.70	
U	1545+14.50	TO	1550+34.50	520.00	12.0	693.33	4.0	231.11				433.33	87.36			58.24		231.11	693.33			13.00	19.41	520.00		145.60	520.00
U	1550+34.50	TO	1573+24.16	2,289.66	12.0	3,052.88	4.0	1,017.63				1,831.73				256.44	3,052.88	1,017.63			57.24	85.48	2,289.66		256.44	2,289.66	
STATION EQUATION																											
U	1573+28.80	TO	1615+98.61	4,269.81	12.0	5,693.08	4.0	1,897.69				3,415.85				478.22	5,693.08	1,897.69			106.75	159.41	4,269.81		478.22	4,269.81	
U	1615+98.61	TO	1621+28.61	530.00	12.0	706.67	4.0	235.56				441.67	89.04			59.36		235.56	706.67			13.25	19.79	530.00		148.40	530.00
U	1621+28.61	TO	1670+37.88	4,909.27	12.0	6,545.69	4.0	2,181.90				3,927.42				549.84	6,545.69	2,181.90			122.73	183.28	4,909.27		549.84	4,909.27	
STATION EQUATION																											
U	1670+40.16	TO	1739+00.00	6,859.84	12.0	9,146.45	4.0	3,048.82				5,487.87				768.30	9,146.45	3,048.82			171.50	256.10	6,859.84		768.30	6,859.84	
U	1739+00.00	TO	1742+74.26	374.26	12.0	499.01	4.0	166.34				311.88	62.88			41.92		166.34	499.01			9.36	13.97	374.26		104.79	374.26
R	1742+74.26	TO	1743+10.00	35.74	12.0	47.65	4.0	15.88				29.78	6.00			4.00		15.88	47.65			0.89	1.33	35.74		10.01	35.74
R	1743+10.00	TO	1747+00.00	390.00	12.0	520.00	4.0	173.33				325.00	65.52			43.68		173.33	520.00			9.75	14.56	390.00		109.20	390.00
R	1747+00.00	TO	1765+38.22	1,838.22	12.0	2,450.96	4.0	816.99				1,470.58				205.88	2,450.96	816.99			45.96	68.63	1,838.22		205.88	1,838.22	
STATION EQUATION																											
R	1765+38.85	TO	1800+60.87	3,522.02	12.0	4,696.03	4.0	1,565.34				2,817.62				394.47	4,696.03	1,565.34			88.05	131.49	3,522.02		394.47	3,522.02	
STATION EQUATION																											
R	1800+61.38	TO	1801+88.00	126.62	12.0	168.83	4.0	56.28				101.30				14.18	168.83	56.28			3.17	4.73	126.62		14.18	126.62	
U	1801+88.00	TO	1838+00.00	3,612.00	12.0	4,816.00	4.0	1,605.33				2,889.60				404.54	4,816.00	1,605.33			90.30	134.85	3,612.00		404.54	3,612.00	
U	1838+00.00	TO	1845+92.22	792.22	12.0	1,056.29	4.0	352.10	35.21	88.02	2.64	475.33				88.73	1,056.29				19.81		792.22		88.73	792.22	
STATION EQUATION																											
U	1845+93.65	TO	1870+24.62	2,430.97	12.0	3,241.29	4.0	1,080.43	108.04	270.11	8.10	3,079.23				272.27	3,241.29				60.77		2,430.97		272.27	2,430.97	
STATION EQUATION																											
U	1035+05.17	TO	1036+91.05	185.88	12.0	247.84	4.0	82.61	8.26	20.65	0.62	235.45			7.0	20.82	247.84				4.65		185.88		20.82	185.88	
EASTBOUND PASSING LANE URBAN TOTALS =									152.0	379.0	12.0	25,727.0	240.0	1,332.0	42.0	3,446.0	49,958.0	1,900.0	0.0	770.0	1,022.0	30,771.0	0.0	3,686.0	30,770.0		
EASTBOUND PASSING LANE RURAL TOTALS =									0.0	0.0	0.0	4,745.0	72.0	0.0	0.0	662.0	9,944.0	568.0	0.0	148.0	221.0	5,913.0	0.0	734.0	5,913.0		
TOTALS =									152.0	379.0	12.0	30,472.0	312.0	1,332.0	42.0	4,108.0	59,902.0	2,468.0	0.0	918.0	1,243.0	36,684.0	0.0	4,420.0	36,683.0		

Notes:
 Bituminous Materials (Prime Coat) calculation includes 1 application at 0.05 lb/sq ft for the Passing Lane, Driving Lane, and Shoulders and an additional 2 applications at 0.025 lb/sq ft for the Driving Lane for Typical #1 or 1 application for the Driving Lane at 0.025 lb/sq ft for Typical #2.
 U = Urban and R = Rural

SCHEDULE OF QUANTITIES

MAINLINE RESURFACING AND AGGREGATE QUANTITIES, CONT.

WESTBOUND DRIVING LANE

U/R	STA.	TO	STA.	LENGTH FOOT	LANE WIDTH FOOT	LANE AREA SQ YD	SHLDR WIDTH FOOT	SHLDR AREA SQ YD	40300100	40300300	40300600	40600275	40603240	40600982	40600990	40603570	44000155		44000164	44000181	48102100	48203100	64200116	X4401198	Z0034105	
									BIT MATL (PRIME COAT)	BIT MATL COVER & SEAL	SEAL COAT AGG	BIT MATL (PRIME COAT)	POLY HMA BINDER IL-19.0 N90	HMA SURF REM BUTT JOINT	TEMP RAMP	POLY HMA SURF CSE MIX "E", N90 1.5 INCH	HMA SURFACE REM 1.5 INCH		HMA SURF REMOVAL 3.75 INCH	HMA SURFACE REMOVAL 7.75 INCH	AGG WEDGE SHOULDER TYPE B	HMA SHLDRS (1.5 INCH)	RUMBLE STRIPS 16 INCH	HMA SURF REMOVAL VARIABLE DEPTH	MATL TRANS DEVICE	
									GALLON	GALLON	TON	POUND	TON	SQ YD	SQ YD	TON	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	FOOT	SQ YD	TON	
U	1496+51.00	TO	1507+12.00	1,061.00	12.0	1,414.67	RAMP "D" OMISSION					1,273.20	495.13		7.0	118.83	RAMP "D" OMISSION			1,414.67						613.97
U	1507+12.00	TO	1515+98.00	886.00	12.0	1,181.33	10.0	984.44				1,506.20	413.47			99.23		984.44		1,181.33	22.15	82.69	886.00			512.70
U	1515+98.00	TO	1517+88.72	190.72	12.0	254.29	10.0	211.91				324.22	58.74	466.20	7.0	21.36				4.77	17.80	190.72			80.10	
OMISSION: SN 010-0014																										
U	1519+38.50	TO	1521+26.00	187.50	12.0	250.00	10.0	208.33				318.75	57.75	458.33	7.0	21.00				4.69	17.50	187.50			78.75	
U	1521+26.00	TO	1527+31.00	605.00	12.0	806.67	10.0	672.22				1,028.50	282.33			67.76		672.22		806.67	15.13	56.47	605.00			350.09
U	1527+31.00	TO	1534+90.68	759.68	12.0	1,012.91	RAMP "A" OMISSION					911.62	354.52			85.08	RAMP "A" OMISSION			1,012.91	RAMP "A" OMISSION				439.60	
U	1534+90.68	TO	1537+68.00	277.32	12.0	369.76	10.0	308.13				471.44	129.42			31.06		308.13		369.76	6.93	25.88	277.32			160.48
U	1537+68.00	TO	1537+68.00	190.60	12.0	254.13	10.0	211.78				324.02	58.70	465.91	7.0	21.35				4.77	17.79	190.60			80.05	
OMISSION: SN 010-0017																										
U	1542+21.55	TO	1543+39.70	118.15	12.0	157.53	10.0	131.28				200.86	36.39	288.81	7.0	13.23				2.95	11.03	118.15			49.62	
STATION EQUATION																										
U	1543+43.52	TO	1544+08.80	65.28	12.0	87.04	10.0	72.53				110.98	20.11	159.57		7.31				1.63	6.09	65.28			27.42	
U	1544+08.80	TO	1573+24.16	2,915.36	12.0	3,887.15	10.0	3,239.29				4,956.11	1,360.50			326.52		3,239.29		3,887.15	72.88	272.10	2,915.36			1,687.02
STATION EQUATION																										
U	1573+28.80	TO	1597+46.86	2,418.06	12.0	3,224.08	10.0	2,686.73				4,110.70	1,128.43		7.0	270.82		2,686.73		3,224.08	60.45	225.69	2,418.06			1,399.25
U	1597+46.86	TO	1608+08.00	1,061.14	12.0	1,414.85	RAMP "H" OMISSION					1,273.37	495.20			118.85	RAMP "H" OMISSION			1,414.85	RAMP "H" OMISSION				614.05	
U	1608+08.00	TO	1628+73.50	2,065.50	12.0	2,754.00	10.0	2,295.00				3,511.35	963.90		7.0	231.34		2,295.00		2,754.00	51.64	192.78	2,065.50			1,195.24
U	1628+73.50	TO	1634+09.58	536.08	12.0	714.77	RAMP "E" OMISSION					643.30	250.17			60.04	RAMP "E" OMISSION			714.77	RAMP "E" OMISSION				310.21	
U	1634+09.58	TO	1670+37.88	3,628.30	12.0	4,837.73	10.0	4,031.44				6,168.11	1,693.21		7.0	406.37		4,031.44		4,837.73	90.71	338.64	3,628.30			2,099.58
U	1670+37.88	TO	1742+74.26	7,234.10	12.0	9,645.47	10.0	8,037.89				12,297.97	3,375.91		7.0	810.22		8,037.89		9,645.47	180.85	675.18	7,234.10			4,186.13
R	1742+74.26	TO	1765+38.22	2,263.96	12.0	3,018.61	10.0	2,515.51				3,848.73	1,056.51			253.56		2,515.51		3,018.61	56.60	211.30	2,263.96			1,310.08
STATION EQUATION																										
R	1765+38.85	TO	1800+60.87	3,522.02	12.0	4,696.03	10.0	3,913.36				5,987.43	1,643.61		7.0	394.47		3,913.36		4,696.03	88.05	328.72	3,522.02			2,038.08
STATION EQUATION																										
R	1800+61.38	TO	1801+88.00	126.62	12.0	168.83	10.0	140.69				215.25	59.09			14.18		140.69		168.83	3.17	11.82	126.62			73.27
U	1801+88.00	TO	1838+00.00	3,612.00	12.0	4,816.00	10.0	4,013.33				6,140.40	1,685.60		7.0	404.54		4,013.33		4,816.00	90.30	337.12	3,612.00			2,090.14
U	1838+00.00	TO	1845+92.22	792.22	12.0	1,056.29	10.0	880.24	88.02	220.06	6.60	950.66	133.09			88.73			1,056.29		1,056.29	19.81		792.22		221.82
STATION EQUATION																										
U	1845+93.65	TO	1870+24.62	2,430.97	12.0	3,241.29	10.0	2,701.08	270.11	675.27	20.26	2,917.16	408.40		7.0	272.27			3,241.29		60.77		2,430.97			680.67
STATION EQUATION																										
U	1035+05.17	TO	1036+91.05	185.88	12.0	247.84	10.0	206.53	20.65	51.63	1.55	223.06	31.23		7.0	20.82			247.84		4.65		185.88			52.05
WESTBOUND DRIVING LANE URBAN TOTALS =									379.0	947.0	29.0	49,662.0	13,432.0	1,839.0	84.0	3,497.0		26,269.0	4,546.0	36,080.0	696.0	2,277.0	27,803.0	0.0	16,929.0	
WESTBOUND DRIVING LANE RURAL TOTALS =									0.0	0.0	0.0	10,052.0	2,759.0	0.0	7.0	663.0		6,570.0	0.0	7,884.0	148.0	552.0	5,913.0	0.0	3,422.0	
TOTALS =									379.0	947.0	29.0	59,714.0	16,191.0	1,839.0	91.0	4,160.0		32,839.0	4,546.0	43,964.0	844.0	2,829.0	33,716.0	0.0	20,351.0	

Notes:
 Bituminous Materials (Prime Coat) calculation includes 1 application at 0.05 lb/sq ft for the Passing Lane, Driving Lane, and Shoulders and an additional 2 applications at 0.025 lb/sq ft for the Driving Lane for Typical #1 or 1 application for the Driving Lane at 0.025 lb/sq ft for Typical #2.
 U = Urban and R = Rural

SCHEDULE OF QUANTITIES

MAINLINE RESURFACING AND AGGREGATE QUANTITIES, CONT.

WESTBOUND PASSING LANE																										
U/R	STA.	TO	STA.	LENGTH FOOT	LANE WIDTH FOOT	LANE AREA SQ YD	SHLDR WIDTH FOOT	SHLDR AREA SQ YD	40300100	40300300	40300600	40600275	40603240	40600982	40600990	40603570	44000155		44000164	44000181	48102100	48203100	64200116	X4401198	Z0034105	Z0033700
									BIT MATL (PRIME COAT)	BIT MATL COVER & SEAL	SEAL COAT AGG	BIT MATL (PRIME COAT)	POLY HMA BINDER IL-19.0 N90	HMA SURF REM BUTT JOINT	TEMP RAMP	POLY HMA SURF CSE MIX "E", N90 1.5 INCH	HMA SURFACE REM 1.5 INCH		HMA SURF REMOVAL 3.75 INCH	HMA SURFACE REMOVAL 7.75 INCH	AGG WEDGE SHOULDER TYPE B	HMA SHLDRS (1.5 INCH)	RUMBLE STRIPS 16 INCH	HMA SURF REMOVAL VARIABLE DEPTH	MATL TRANS DEVICE	LONG. JOINT SEALANT
									GALLON	GALLON	TON	POUND	TON	SQ YD	SQ YD	TON	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	FOOT	SQ YD	TON	FOOT
U	1496+51.00	TO	1515+98.00	1,947.00	12.0	2,596.00	4.0	865.33				1,557.60			7.0	218.06	2,596.00	865.33			42.83	72.69	1,947.00		218.06	1,947.00
U	1515+98.00	TO	1517+88.72	190.72	12.0	254.29	4.0	84.76				381.44		339.06	7.0	21.36					4.20	7.12	190.72		21.36	190.72
OMISSION: SN 010-0014																										
U	1519+38.50	TO	1521+26.00	187.50	12.0	250.00	4.0	83.33				375.00		333.33	7.0	21.00					4.13	7.00	187.50		21.00	187.50
U	1519+43.43	TO	1537+68.00	1,824.57	12.0	2,432.76	4.0	810.92				1,459.66			7.0	204.35	2,432.76	810.92			40.14	68.12	1,824.57		204.35	1,824.57
OMISSION: SN 010-0017																										
U	1542+21.55	TO	1543+39.70	118.15	12.0	157.53	4.0	52.51				236.30		210.04	7.0	13.23					2.60	4.41	118.15		13.23	118.15
STATION EQUATION																										
U	1543+43.52	TO	1544+08.80	65.28	12.0	87.04	4.0	29.01				130.56		116.05		7.31					1.44	2.44	65.28		7.31	65.28
U	1543+43.52	TO	1573+24.16	2,980.64	12.0	3,974.19	4.0	1,324.73				2,384.51				333.83	3,974.19	1,324.73			65.57	111.28	2,980.64		333.83	2,980.64
STATION EQUATION																										
U	1573+28.80	TO	1670+37.88	9,709.08	12.0	12,945.44	4.0	4,315.15				7,767.26				1,087.42	12,945.44	4,315.15			213.60	362.47	9,709.08		1,087.42	9,709.08
STATION EQUATION																										
U	1670+40.16	TO	1742+74.26	7,234.10	12.0	9,645.47	4.0	3,215.16				5,787.28				810.22	9,645.47	3,215.16			159.15	270.07	7,234.10		810.22	7,234.10
R	1742+74.26	TO	1743+10.00	35.74	12.0	47.65	4.0	15.88				28.59				4.00	47.65	15.88			0.79	1.33	35.74		4.00	35.74
R	1743+10.00	TO	1765+38.22	2,228.22	12.0	2,970.96	4.0	990.32				1,782.58				249.56	2,970.96	990.32			49.02	83.19	2,228.22		249.56	2,228.22
STATION EQUATION																										
R	1765+38.85	TO	1800+60.87	3,522.02	12.0	4,696.03	4.0	1,565.34				2,817.62				394.47	4,696.03	1,565.34			77.48	131.49	3,522.02		394.47	3,522.02
STATION EQUATION																										
R	1800+61.38	TO	1801+88.00	126.62	12.0	168.83	4.0	56.28				101.30				14.18	168.83	56.28			2.79	4.73	126.62		14.18	126.62
U	1801+88.00	TO	1845+92.22	4,404.22	12.0	5,872.29	4.0	1,957.43				3,523.38				493.27	5,872.29	1,957.43			96.89	164.42	4,404.22		493.27	4,404.22
U	1838+00.00	TO	1845+92.22	792.22	12.0	1,056.29	4.0	352.10	35.21	88.02	2.64	475.33				88.73	1,056.29				17.43		792.22		88.73	792.22
STATION EQUATION																										
U	1845+93.65	TO	1870+24.62	2,430.97	12.0	3,241.29	4.0	1,080.43	108.04	270.11	8.10	1,458.58				272.27	3,241.29				53.48		2,430.97		272.27	2,430.97
STATION EQUATION																										
U	1035+05.17	TO	1036+91.05	185.88	12.0	247.84	4.0	82.61	8.26	20.65	0.62	111.53			7.0	20.82	247.84				4.09		185.88		20.82	185.88
WESTBOUND PASSING LANE URBAN TOTALS =									152.0	379.0	12.0	25,649.0	0.0	999.0	42.0	3,592.0	54,501.0	0.0	0.0	706.0	1,071.0	32,071.0	0.0	3,592.0	32,071.0	
WESTBOUND PASSING LANE RURAL TOTALS =									0.0	0.0	0.0	4,731.0	0.0	0.0	0.0	663.0	10,512.0	0.0	0.0	131.0	221.0	5,913.0	0.0	663.0	5,913.0	
TOTALS =									152.0	379.0	12.0	30,380.0	0.0	999.0	42.0	4,255.0	65,013.0	0.0	0.0	837.0	1,292.0	37,984.0	0.0	4,255.0	37,984.0	
URBAN GRAND TOTALS =									1,062.0	2,652.0	82.0	149,596.0	26,580.0	5,795.0	245.0	13,960.0	156,462.0	10,992.0	69,411.0	2,851.0	6,585.0	117,777.0	1,900.0	40,540.0	62,841.0	
RURAL GRAND TOTALS =									0.0	0.0	0.0	29,580.0	5,523.0	0.0	14.0	2,650.0	33,596.0	568.0	15,200.0	575.0	1,546.0	23,652.0	568.0	8,173.0	11,826.0	
GRAND TOTALS =									1,062.0	2,652.0	82.0	179,176.0	32,103.0	5,795.0	259.0	16,610.0	190,058.0	11,560.0	84,611.0	3,426.0	8,131.0	141,429.0	2,468.0	48,713.0	74,667.0	
USE =									1,062.0	2,652.0	82.0	179,176.0	32,103.0	5,795.0	259.0	16,610.0	190,058.0	11,560.0	84,611.0	3,426.0	8,131.0	141,429.0	2,468.0	48,713.0	74,667.0	

Notes:
 Bituminous Materials (Prime Coat) calculation includes 1 application at 0.05 lb/sq ft for the Passing Lane, Driving Lane, and Shoulders and an additional 2 applications at 0.025 lb/sq ft for the Driving Lane for Typical #1 or 1 application for the Driving Lane at 0.025 lb/sq ft for Typical #2.
 U = Urban and R = Rural

SCHEDULE OF QUANTITIES

INTERCHANGE RAMP RESURFACING AND AGGREGATE QUANTITIES

IL 47 INTERCHANGE																								
LOCATION	STA.	TO	STA.	LENGTH FOOT	AVE LANE WIDTH FOOT	LANE AREA SQ YD	OUT SHLDR WIDTH FOOT	OUT SHLDR AREA SQ YD	INSIDE SHLDR WIDTH FOOT	INSIDE SHLDR AREA SQ YD	40300100	40300300	40300600	40600275	40600627	40600990	40603335	44000155	44000159	48102100		48203100		
											BIT MATL (PRIME COAT)	BIT MATL COVER & SEAL	SEAL COAT AGG	BITUMINOUS MATERIALS (PRIME COAT)	LEVELING BINDER (MM) IL-9.5FG, N50 1INCH	TEMP RAMP	HMA SURF CSE MIX "D" N50 1.5 INCH	HMA SURFACE REMOVAL 1.5 INCH	HMA SURFACE REMOVAL 2.5 INCH	AGGREGATE WEDGE SHOULDER, TYPE B		HMA SHOULDERS (1.5 INCH)	HMA SHOULDERS (2.5 INCH)	
											GALLON	GALLON	TON	POUND	TON	SQ YD	TON	SQ YD	SQ YD	OUTSIDE TON	INSIDE TON	TON	TON	
RAMP A	100+00.00	TO	102+80.00	280.00	8.0	248.89	10.0	311.11									20.91	560.00			4.67		26.13	
GORE AREA	102+80.00	TO	106+58.00	378.00	8.0	336.00								151.20			28.22	336.00						
RAMP A	102+80.00	TO	106+58.00	378.00	16.0	672.00	10.0	420.00						491.40			56.45	1,092.00			6.30		35.28	
RAMP A	106+58.00	TO	116+62.66	1,004.66	16.0	1,786.06	10.0	1,116.29	4.0	446.52	156.28	390.70	11.72	803.73			150.03	1,786.06			16.74	16.74		
RAMP A RETURN	116+62.66	TO	117+34.15	71.49	VAR	330.47								148.71	55.60		27.76	330.47						
RAMP A RETURN	116+62.66	TO	35+00.00	68.50					4.0	30.44	3.04	7.61	0.23										1.14	
RAMP A RETURN	116+62.66	TO	36+27.00	127.00			10.0	141.11			14.11	35.28	1.06								2.12			
RAMP B RETURN	200+23.79	TO	200+84.64	60.85	VAR	314.94								141.72	44.50		26.46	314.94						
RAMP B RETURN	200+84.64	TO	201+49.94	65.30	17.8	128.79	10.0	72.56	4.0	29.02	10.16	25.39	0.76	90.60			10.82	128.79			1.09	1.09		
RAMP B RETURN	200+71.54	TO	201+49.94	78.40			10.0	87.11			8.71	21.78	0.65								1.31			
RAMP B RETURN	25+00.00	TO	201+49.94	62.00					4.0	27.56	2.76	6.89	0.21										1.03	
RAMP B	201+49.94	TO	208+94.90	744.96	16.0	1,324.37	10.0	827.73	4.0	331.09	115.88	289.71	8.69	595.97			111.25	1,324.37			12.42	12.42		
RAMP B	208+94.90	TO	210+32.00	137.10	16.0	243.73	10.0	152.33						178.23			20.47	396.07			2.28		12.80	
GORE AREA	208+94.90	TO	210+32.00	137.10	10.0	152.33								68.55			12.80	152.33						
RAMP B	210+32.00	TO	212+57.63	225.63	17.3	432.46	10.0	250.70						307.42			36.33	683.16			3.76		21.06	
RAMP B	212+57.63	TO	217+17.30	459.67	16.0	817.19	10.0	510.74						597.57			68.64	1,327.94			7.66		42.90	
RAMP C	300+00.00	TO	302+66.40	266.40	9.0	266.40	10.0	296.00						253.08			22.38	562.40			4.44		24.86	
RAMP C	302+66.40	TO	306+62.40	396.00	17.0	748.00	10.0	440.00						534.60			62.83	1,188.00			6.60		36.96	
GORE AREA	302+66.40	TO	306+62.40	396.00	8.0	352.00								158.40			29.57	352.00						
RAMP C	306+62.40	TO	317+78.00	1,115.60	16.0	1,983.29	10.0	1,239.56	4.0	495.82	173.54	433.84	13.02	892.48			166.60	1,983.29			18.59	18.59		
RAMP C RETURN	317+78.00	TO	318+70.06	92.06	VAR	483.21								217.45	55.60		40.59	483.21						
RAMP C RETURN	317+78.00	TO	25+08.00	93.00					4.0	41.33	4.13	10.33	0.31										1.55	
RAMP C RETURN	317+78.00	TO	23+36.00	176.00			10.0	195.56			19.56	48.89	1.47								2.93			
RAMP D RETURN	400+23.60	TO	401+03.75	80.15	VAR	333.27								149.97	50.00		27.99	333.27						
RAMP D RETURN	34+94.20	TO	401+03.75	81.90					4.0	36.40	3.64	9.10	0.27										1.37	
RAMP D RETURN	36+05.00	TO	401+03.75	114.50			10.0	127.22			12.72	31.81	0.95								1.91			
RAMP D	401+03.75	TO	411+54.68	1,050.93	16.0	1,868.32	10.0	1,167.70	4.0	467.08	163.48	408.70	12.26	840.74			156.94	1,868.32			17.52	17.52		
RAMP D	411+54.68	TO	414+94.32	339.64	16.0	603.80	10.0	377.38						441.53			50.72	981.18			5.66		31.70	
GORE AREA	411+54.68	TO	414+94.32	339.64	8.0	301.90								135.86			25.36	301.90						
RAMP D	414+94.32	TO	422+15.35	721.03	8.0	640.92	10.0	801.14						648.93			53.84	1,442.06			12.02		67.30	
IL 47 INTERCHANGE TOTALS =											688.1	1,720.1	51.7	8,100.2	0.0	205.7	1,207.0	17,927.8	0.0		199.5			299.0

INCIDENTAL HMA SCHEDULE							
URBAN/ RURAL	LOCATION	STA.	AREA SQ FT	AREA SQ YD	40800025	40800050	X4400196
					BITUMINOUS MATERIALS (PRIME COAT) POUND	INCIDENTAL HMA SURFACING TON	HMA SURFACE REMOVAL SPECIAL SQ YD
URBAN	X-OVER	1655+00.00	2,354.0	261.6	117.7	22.0	261.6
URBAN	X-OVER	1857+35.00	1,105.0	122.8	55.3	10.3	122.8
URBAN TOTALS =					173.0	32.3	384.3
ROUNDED URBAN TOTALS =					173.0	33.0	385.0
RURAL TOTALS =					0.0	0.0	0.0
USE =					173.0	33.0	385.0

SCHEDULE OF QUANTITIES

GUARDRAIL SCHEDULE																												
U OR	LOC./ STR. NO.	DIR	APPR/ DEP	SIDE	63000001			63000003			63000025			63100045			63100085	63100089	X6311217	TRAFFIC BARRIER TERMINAL TYPE 6, 6A, 6B, OR 6B (SPL) TERMINI		63100167	63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 SPL FLARED OR TANGENT TERMINI				
					STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FT POSTS			STEEL PLATE BEAM GUARDRAIL TYPE A, 9 FT POSTS			STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURES			TRAFFIC BARRIER TERMINAL, TYPE 2			TRAFFIC BARRIER TERMINAL TYPE 6	TRAFFIC BARRIER TERMINAL TYPE 6B	TRAFFIC BAR TERM TYPE 6B (SPL)	STATION	TO	STATION	EACH	EACH	EACH	STATION	TO	STATION
					STA	TO	FOOT	STA	TO	FOOT	STA	TO	FOOT	STA	TO	FOOT	STATION	TO	STATION	EACH	EACH	EACH	STATION	TO	STATION	EACH	EACH	STATION
U	010-0016	EB	APPR	OUT				1535+50.18	TO	1537+50.18	200.0								1537+50.18	TO	1537+93.33	1.0			1535+00.18	TO	1535+50.18	
U	010-0016	EB	APPR	MED	1536+50.18	TO	1537+50.18	100.0											1537+50.18	TO	1537+93.33			1.0	1536+00.18	TO	1536+50.18	
U	010-0017	WB	APPR	OUT	1542+31.00	TO	1543+93.50	162.5											1541+87.85	TO	1542+31.00	1.0			1543+93.50	TO	1544+43.50	
U	010-0017	WB	APPR	MED	1542+31.00	TO	1543+31.00	100.0											1541+87.85	TO	1542+31.00			1.0	1543+31.00	TO	1543+81.00	
U	010-0159	EB	APPR	OUT	1616+65.57	TO	1618+03.07	137.5											1618+03.07	TO	1618+46.22			1.0	1616+15.57	TO	1616+65.57	
U	010-0159	WB	APPR	OUT	1618+81.32	TO	1620+18.82	137.5											1618+38.17	TO	1618+81.32			1.0	1620+18.82	TO	1620+68.82	
U	010-0167	EB	APPR	OUT	1741+78.68	TO	1742+53.68	75.0											1742+53.68	TO	1743+56.93			1.0	1741+28.68	TO	1741+78.68	
U	010-0167	EB	DEP	OUT	1743+56.13	TO	1743+68.63	12.5					1743+68.63	TO	1743+81.13	1.0												
R	010-0167	WB	APPR	OUT	1742+95.15	TO	1745+07.65	200.0				1744+57.65	TO	1744+70.15	12.5				1742+52.00	TO	1742+95.15			1.0	1745+07.65	TO	1745+57.65	
U	010-0169	EB	APPR	OUT	1834+94.61	TO	1836+94.61	200.0											1836+94.61	TO	1837+37.76			1.0	1834+94.61	TO	1834+44.61	
U	010-0169	WB	APPR	OUT	1837+66.79	TO	1839+04.29	137.5											1837+23.64	TO	1837+66.79			1.0	1839+04.29	TO	1839+54.29	
U	SIGN TR.	EB	APPR	OUT	1821+92.50	TO	1823+30.00	137.5						1823+30.00	TO	1823+42.50	1.0								1.0	1822+80.00	TO	1823+30.00
U	RAMP A	WB	APPR	OUT	114+25.00	TO	36+27.50	362.5						36+40.00	TO	36+27.50	1.0								1.0	113+75.00	TO	114+25.00
URBAN TOTALS =					1,562.5			200.0			0.0			3.0			4.0		4.0		1.0		3.0		8.0			
RURAL TOTALS =					200.0			0.0			12.5			0.0			0.0		1.0		0.0		0.0		1.0			
GRAND TOTALS =					1,762.5			200.0			12.5			3.0			4.0		5.0		1.0		3.0		9.0			

U/ R	LOC./ STR. NO.	DIR	APPR/ DEP	SIDE	78200410		78201000	
					GUARDRAIL MARKERS TYPE A		TERMINAL MARKER DIRECT APPLIED	
					EACH	EACH	EACH	EACH
U	010-0016	EB	APPR	OUT	4.0		1.0	
U	010-0016	EB	APPR	MED	3.0		1.0	
U	010-0017	WB	APPR	OUT	4.0		1.0	
U	010-0017	WB	APPR	MED	3.0		1.0	
U	010-0159	EB	APPR	OUT	3.0		1.0	
U	010-0159	WB	APPR	OUT	3.0		1.0	
U	010-0167	EB	APPR	OUT	2.0		1.0	
U	010-0167	EB	DEP	OUT	1.0			
R	010-0167	WB	APPR	OUT	4.0		1.0	
U	010-0169	EB	APPR	OUT	4.0		1.0	
U	010-0169	WB	APPR	OUT	3.0		1.0	
U	SIGN TR.	EB	APPR	OUT	3.0		1.0	
U	RAMP A	WB	APPR	OUT	6.0		1.0	
URBAN TOTALS =					39.0		11.0	
RURAL TOTALS =					4.0		1.0	
GRAND TOTALS =					43.0		12.0	

FENCE SCHEDULE						
URBAN/ RURAL	LOCATION	STA.	TO	STA.	66500105	X6650202
					WOVEN WIRE FENCE, 4' FOOT	WOVEN WIRE FENCE REMOVAL FOOT
URBAN	I-74	1531+00.00	TO	1532+00.00	100.0	100.0
URBAN	I-74	1603+80.00	TO	1604+40.00	60.0	60.0
URBAN	RAMP G	808+50.00	TO	809+50.00	100.0	100.0
URBAN	I-74	1642+30.00	TO	1643+50.00	120.0	120.0
URBAN	I-74	1695+50.00	TO	1696+40.00	90.0	90.0
URBAN	I-74	1835+10.00	TO	1835+60.00	50.0	50.0
URBAN	I-74	1035+45.00	TO	1035+85.00	40.0	40.0
URBAN TOTALS =					560.0	560.0
RURAL TOTALS =					0.0	0.0
TOTALS =					560.0	560.0

GUARDRAIL SCHEDULE, CONT.								
U/R	LOC./ STR. NO.	DIR	APPR/ DEP	SIDE	63200310			
					GUARDRAIL REMOVAL			
					STA	TO	STA	FOOT
U	010-0016	EB	APPR	OUT	1533+37.50	TO	1537+97.00	460.0
U	010-0016	EB	APPR	MED	1536+15.00	TO	1537+97.00	182.0
U	010-0017	WB	APPR	OUT	1541+88.00	TO	1545+52.00	364.0
U	010-0017	WB	APPR	MED	1541+88.00	TO	1543+65.00	177.0
U	010-0159	EB	APPR	OUT	1616+45.00	TO	1618+97.00	252.0
U	010-0159	WB	APPR	OUT	1617+88.00	TO	1620+38.00	250.0
U	010-0167	EB	APPR	OUT	1740+86.00	TO	1742+74.26	189.0
R	010-0167	EB	DEP	OUT	1742+74.26	TO	1743+50.00	76.0
R	010-0167	WB	APPR	OUT	1742+36.00	TO	1742+74.26	38.0
U	010-0167	WB	APPR	OUT	1742+74.26	TO	1745+89.00	315.0
U	010-0169	EB	APPR	OUT	1835+24.00	TO	1837+50.00	226.0
U	010-0169	WB	APPR	OUT	1837+07.00	TO	1839+48.00	241.0
U	RAMP A	WB	APPR	OUT	113+53.00	TO	36+25.00	430.0
URBAN TOTALS =					3,086.0			
RURAL TOTALS =					114.0			
GRAND TOTALS =					3,200.0			

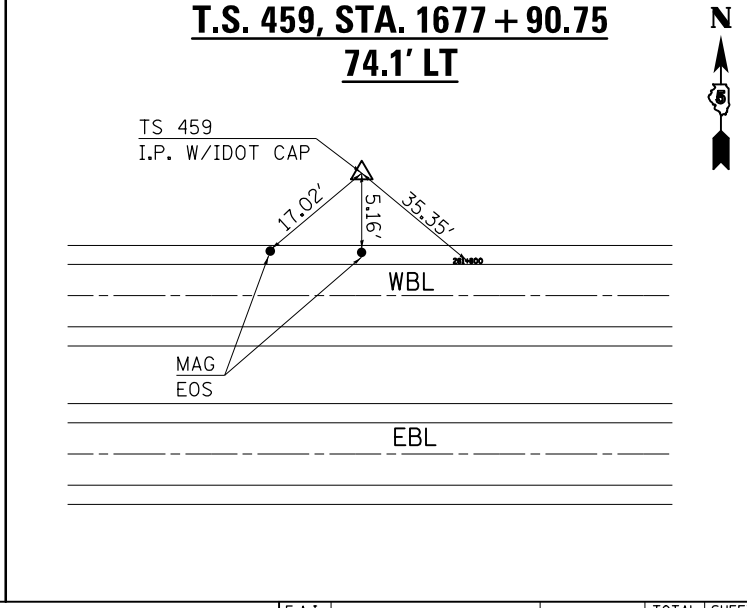
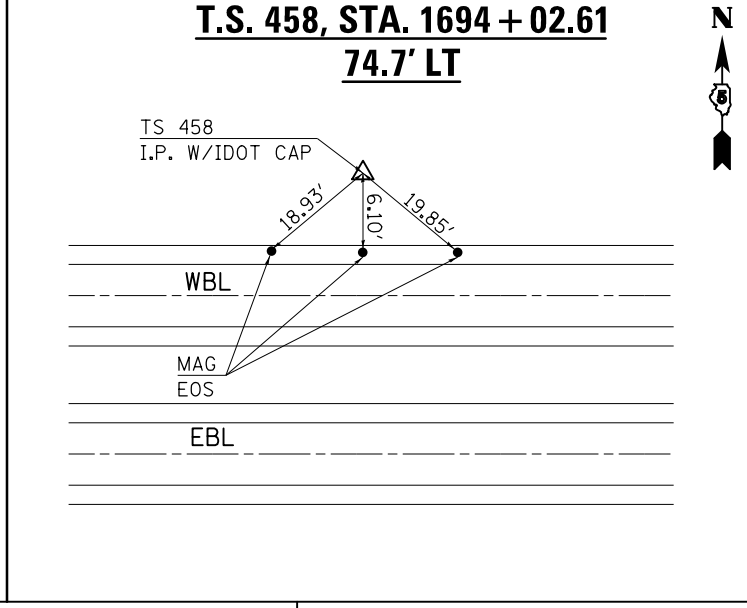
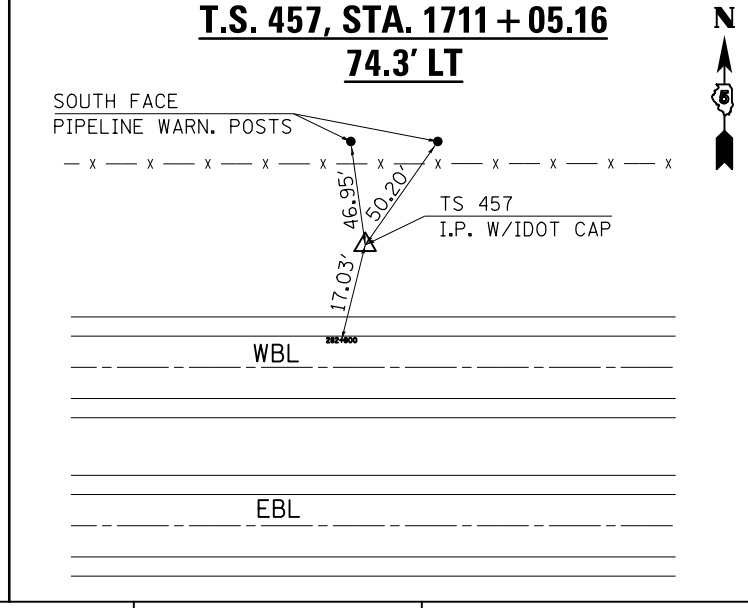
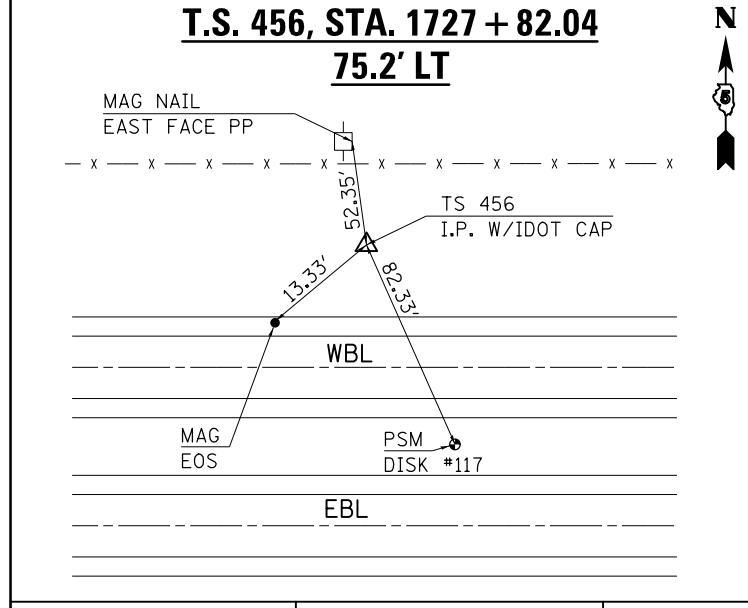
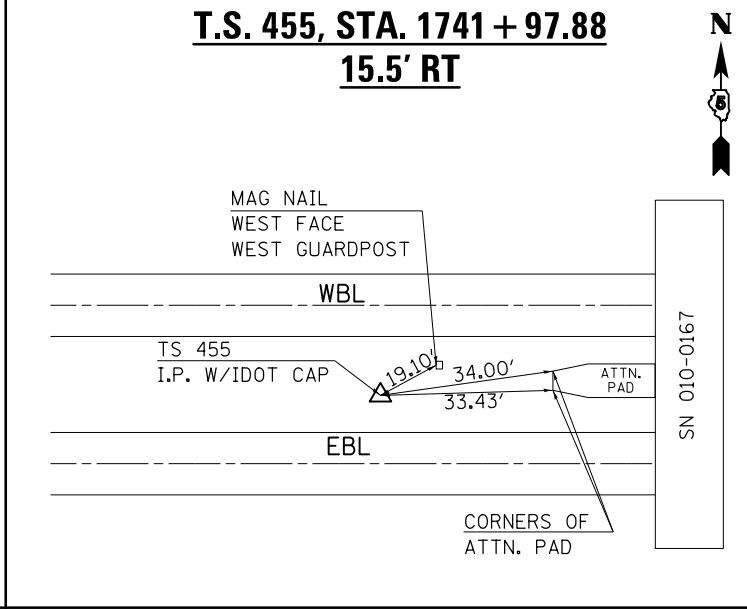
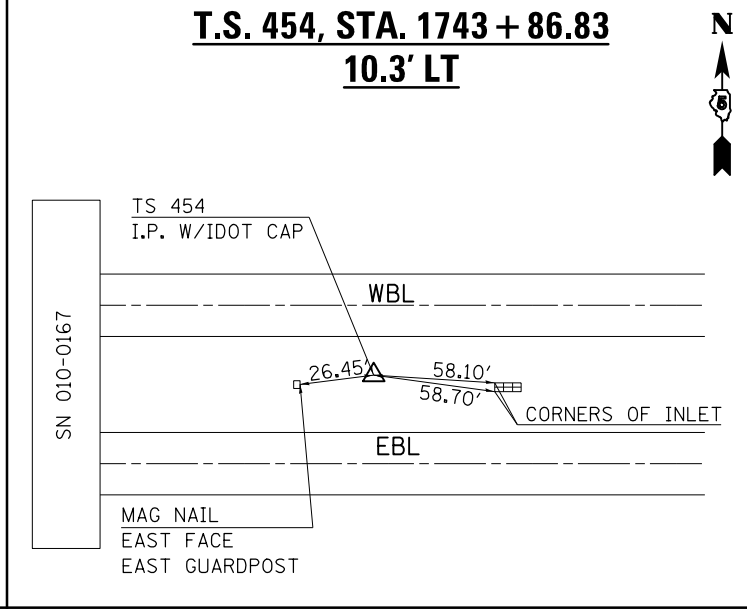
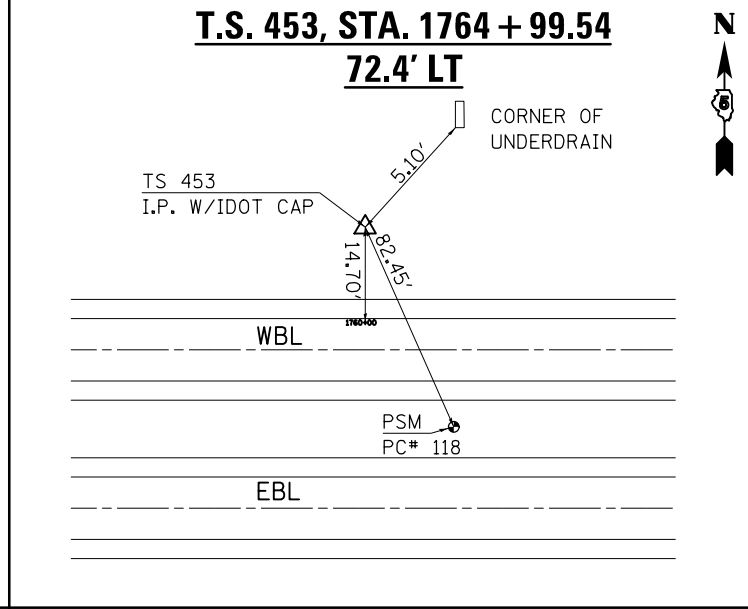
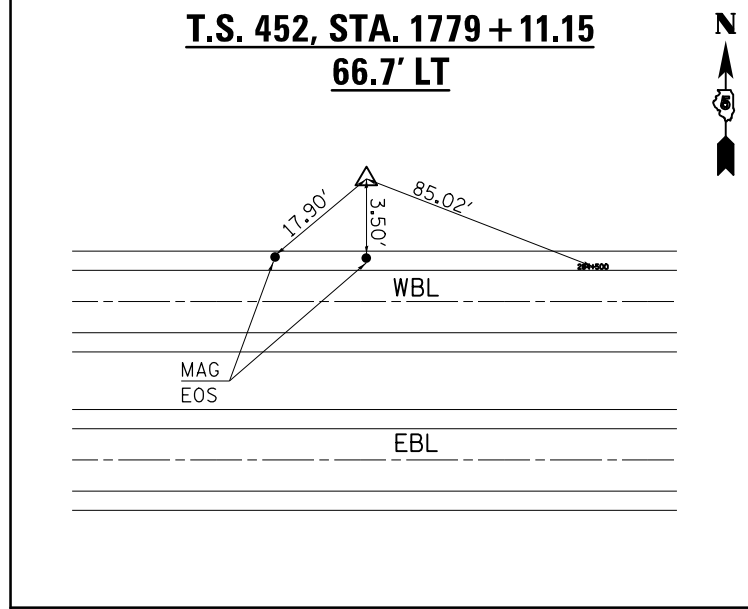
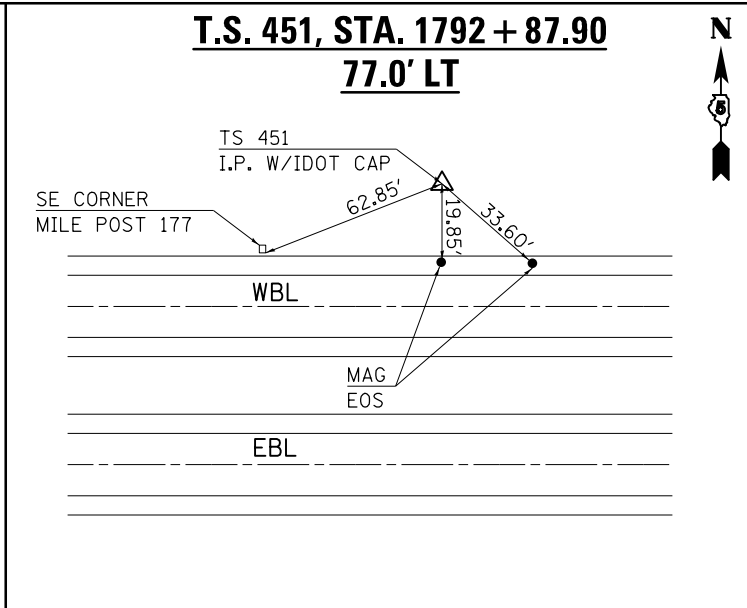
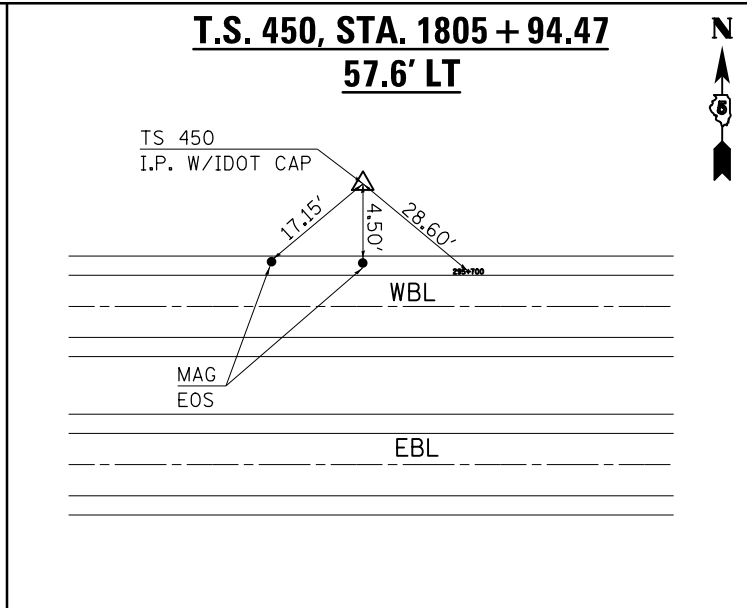
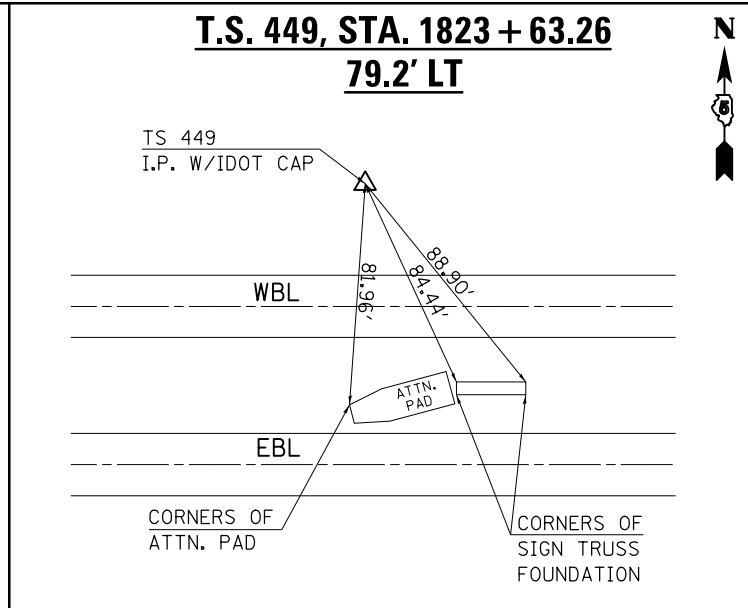
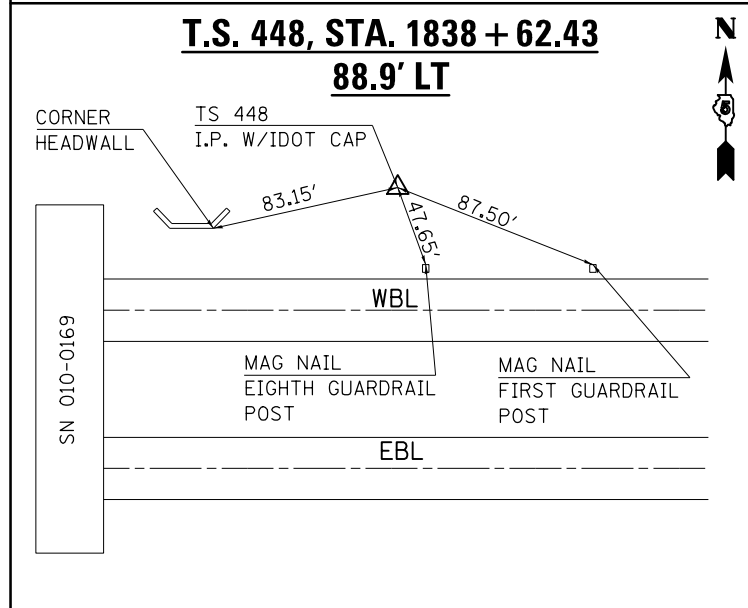
ATTENUATOR SCHEDULE										
URBAN/ RURAL	STA.	STRUCTURE NUMBER	SIDE OF STRUCTURE	LOCATION	64300450	64301090	X6431110	X6430120	63400105	X6340205
					IMPACT ATT. (NON-REDIR.) TEST LEVEL 3	ATTEN. BASE	REMOVE ATTEN. BASE	REMOVE IMPACT ATT. NO SALV.	GUARD POSTS	GUARD POST REMOVAL
					EACH	SQ YD	EACH	EACH	EACH	EACH
URBAN	1618+41.90	010-0159	WEST	MEDIAN	1.0	26.0	1.0	1.0	4.0	4.0
URBAN	1618+41.90	010-0159	EAST	MEDIAN	1.0	26.0	1.0	1.0	4.0	4.0
URBAN	1742+74.26	010-0167	WEST	MEDIAN	1.0	26.0	1.0	1.0	4.0	4.0
RURAL	1742+74.26	010-0167	EAST	MEDIAN	1.0	26.0	1.0	1.0		
URBAN	1824+00.00	SIGN TRUSS	WEST	MEDIAN	1.0	26.0	1.0	1.0		
URBAN	1824+00.00	SIGN TRUSS	EAST	MEDIAN	1.0	26.0	1.0	1.0		
URBAN	1824+00.00	SIGN TRUSS	WEST	RT OUT SHLDR			1.0	1.0		
URBAN	1837+30.89	010-0169	WEST	MEDIAN	1.0	26.0	1.0	1.0		
URBAN	1837+30.89	010-0169	EAST	MEDIAN	1.0	26.0	1.0	1.0		
URBAN TOTAL =					7.0	182.0	8.0	8.0	12.0	12.0
RURAL TOTAL =					1.0	26.0	1.0	1.0	0.0	0.0
TOTAL =					8.0	208.0	9.0	9.0	12.0	12.0

SCHEDULE OF QUANTITIES

PAVEMENT MARKING SCHEDULE, CONT.																						
PRAIRIE VIEW ROAD INTERCHANGE																						
LOCATION	URBAN/ RURAL	STA.	TO	STA.	LENGTH FOOT	70300100		70301000 WORK ZONE MARKING REMOVAL SQ FT	70300210		70300220		70300240	70300250	70300260	70300280	X7830070	X7830074	X7830076	X7830078	X7830090	
						SHORT TERM PAVEMENT MKG			TEMPORARY PAVEMENT MARKING LETTERS & SYMBOLS		TEMPORARY PAVEMENT MARKING - LINE 4"		TEMPORARY PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING						
						INSIDE E.O.P.	OUTSIDE E.O.P.		TURN ARROW	WRONG WAY ARROW	SOLID (YELLOW)	SOLID (WHITE)	LINE 6" (WHITE)	LINE 8" (WHITE)	LINE 12" (WHITE)	LINE 24" (WHITE)						
						AND	AND		AND	AND	AND	AND	AND	AND	AND	AND						
PAVEMENT MKG		PAVEMENT MARKING		MODIFIED URETHANE PAVEMENT MARKING LETTERS & SYMBOLS		MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		MODIFIED URETHANE PAVEMENT MKG - LINE 6" (WHITE)	MODIFIED URETHANE PAVEMENT MKG - LINE 8" (WHITE)	MODIFIED URETHANE PAVEMENT MKG - LINE 12" (WHITE)	MODIFIED URETHANE PAVEMENT MKG - LINE 24" (WHITE)	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING 25"						
								TURN ARROW	WRONG WAY ARROW	SOLID (YELLOW)	SOLID (WHITE)	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT		
RAMP E	URBAN	600+00.00	TO	602+96.00	296.0		32.0	109.1			296.0						296.0					
GORE AREA	URBAN	602+96.00	TO	606+52.00	356.0		36.0	130.4			356.0		356.0				356.0		356.0			
RAMP E	URBAN	606+52.00	TO	618+90.00	1,238.0	124.0	124.0	906.3			1,238.0	1,238.0					2,476.0					
RAMP E RETURN	URBAN	618+90.00	TO	518+28.00	185.0		20.0	68.2			185.0						185.0					
RAMP E RETURN	URBAN	618+90.00	TO	516+94.00	106.0	12.0		39.3			106.0						106.0					
RAMP E RETURN	URBAN	618+33.00																				
RAMP E RETURN	URBAN	(SEE NOTE)								31.2												
RAMP E RETURN	URBAN	619+73.00	TO	620+00.00									91.0					91.0				
RAMP E RETURN	URBAN	619+73.00	TO	620+00.00											28.0					28.0		
RAMP E RETURN	URBAN	619+88.20	TO	619+93.80												36.0					36.0	
RAMP F RETURN	URBAN	503+41.00	TO	701+17.00	162.0		20.0	60.5			162.0						162.0					
RAMP F RETURN	URBAN	504+62.00	TO	701+17.00	100.0	12.0		37.3			100.0						100.0					
RAMP F	URBAN	701+17.00	TO	709+12.00	795.0	80.0	80.0	582.3			795.0	795.0					1,590.0					
GORE AREA	URBAN	709+12.00	TO	712+45.00	333.0			122.8						333.0					333.0			
RAMP F	URBAN	712+45.00	TO	719+77.45	732.4		76.0	269.0			732.4						732.4					
RAMP G	URBAN	800+00.00	TO	802+62.00	262.0		28.0	96.5			262.0						262.0					
GORE AREA	URBAN	802+62.00	TO	806+55.00	393.0		40.0	144.1			393.0			393.0			393.0		393.0			
RAMP G	URBAN	806+55.00	TO	819+16.00	1,261.0	128.0	128.0	924.3			1,261.0	1,261.0					2,522.0					
RAMP G RETURN	URBAN	819+16.00	TO	502+98.00	180.0		20.0	66.5			180.0						180.0					
RAMP G RETURN	URBAN	819+16.00	TO	504+62.00	82.0	12.0		31.3			82.0						82.0					
RAMP G RETURN	URBAN	818+40.00																				
RAMP G RETURN	URBAN	(SEE NOTE)								31.2												
RAMP G RETURN	URBAN	819+72.00	TO	820+03.00									153.0					153.0				
RAMP G RETURN	URBAN	819+72.00	TO	820+03.00											85.0					85.0		
RAMP G RETURN	URBAN	819+87.00	TO	819+88.00												36.0					36.0	
RAMP H RETURN	URBAN	517+93.00	TO	901+32.00	128.0		16.0	47.9			128.0						128.0					
RAMP H RETURN	URBAN	516+75.00	TO	901+32.00	61.0	8.0		23.0			61.0						61.0					
RAMP H	URBAN	901+32.00	TO	909+34.00	802.0	84.0	84.0	589.6			802.0						1,604.0					
GORE AREA	URBAN	909+34.00	TO	912+37.00	303.0		32.0	111.5			303.0			303.0			303.0		303.0			
RAMP H	URBAN	912+37.00	TO	919+97.85	760.9		80.0	279.8			760.9						760.9					
PRAIRIE VIEW RD INTERCHANGE URBAN TOTALS =						460.0	852.0	4,639.6			111.00	4,445.0	8,187.3	244.0	1,385.0	113.0	72.0	12,632.3	244.0	1,385.0	113.0	72.0
PRAIRIE VIEW RD INTERCHANGE RURAL TOTALS =																						
PRAIRIE VIEW RD INTERCHANGE TOTALS =						460.0	852.0	4,639.6			111.00	4,445.0	8,187.3	244.0	1,385.0	113.0	72.0	12,632.3	244.0	1,385.0	113.0	72.0
GRAND TOTALS =						912.0	1,680.0	9,147.5			222.00	8,745.0	16,156.1	525.0	2,882.4	298.2	144.5	24,901.1	525.0	2,882.4	298.2	144.5
USE =							2,592.0	9,148.0			222.00		24,902.0	525.0	2,883.0	299.0	145.0	24,902.0	525.0	2,883.0	299.0	145.0

NOTE: TURN ARROWS PLACED 18' BEHIND STOP BAR

ALIGNMENTS, TIE POINTS & BENCHMARKS



FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
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		DATE -	REVISED -

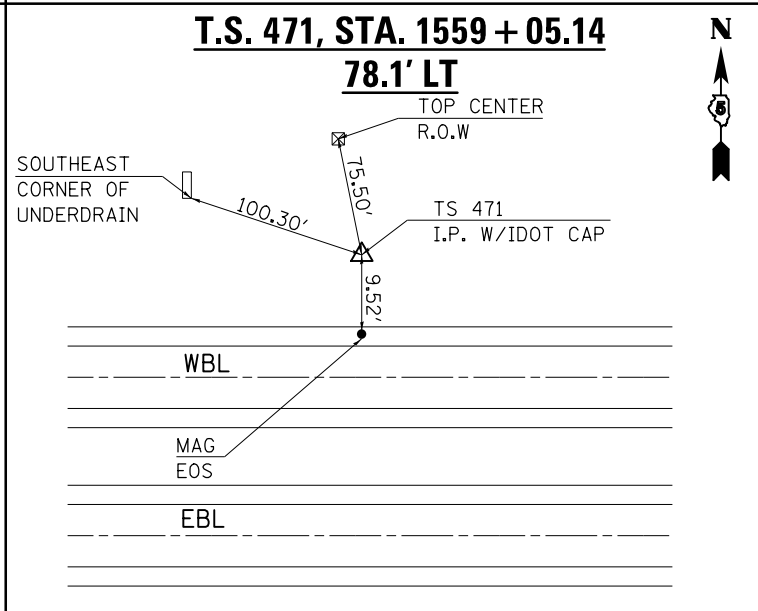
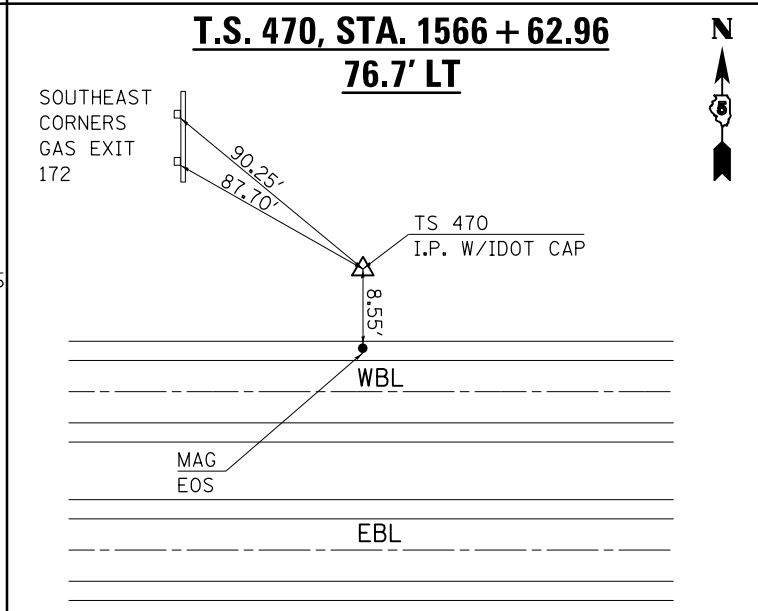
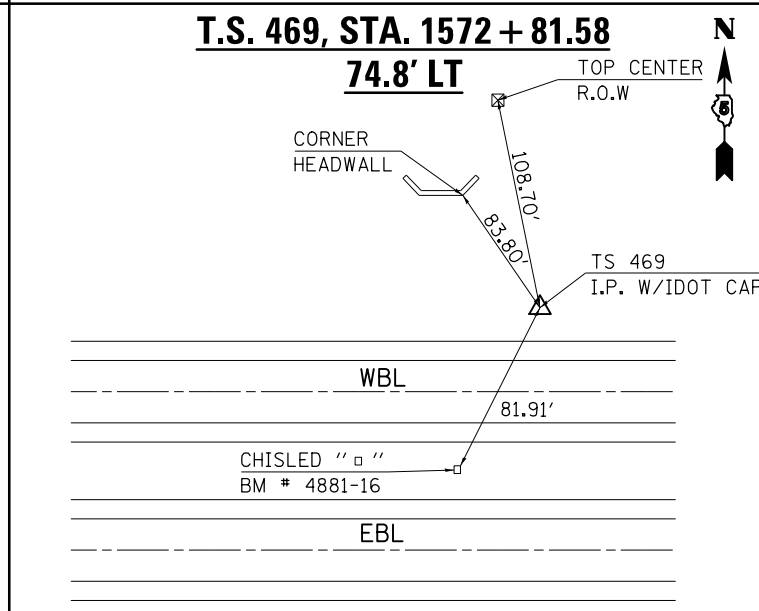
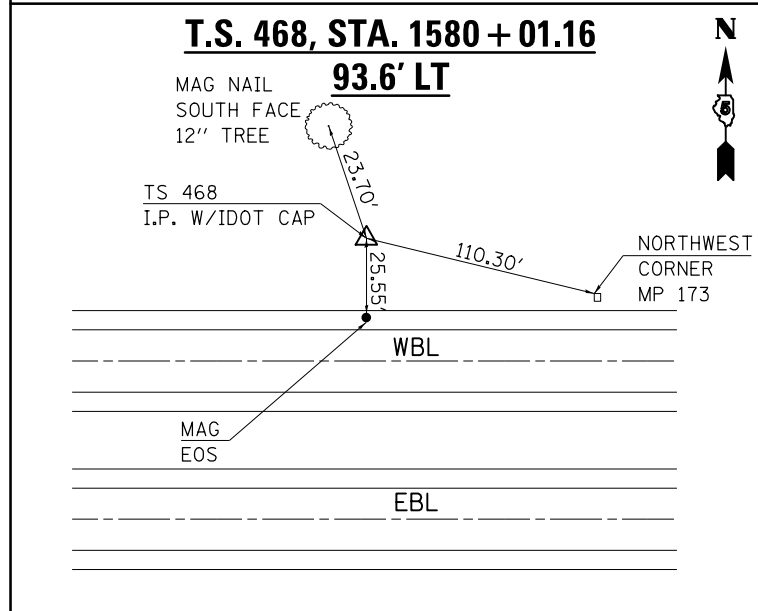
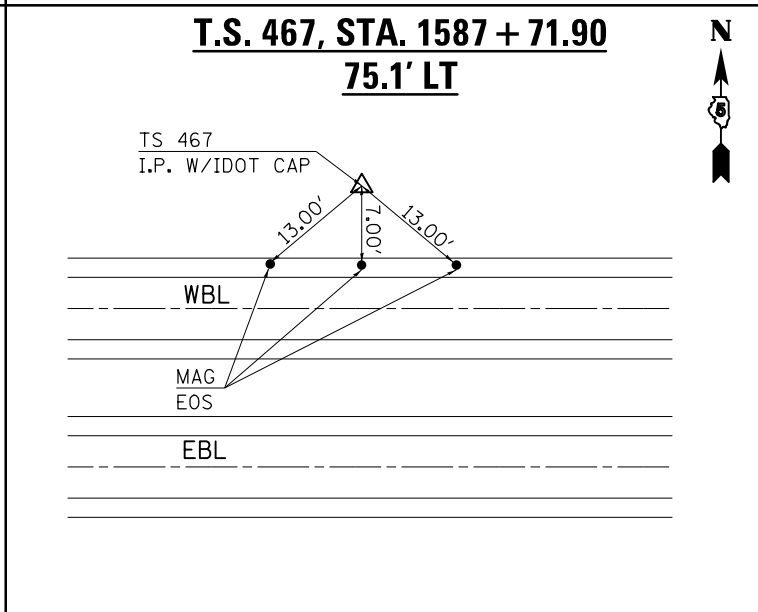
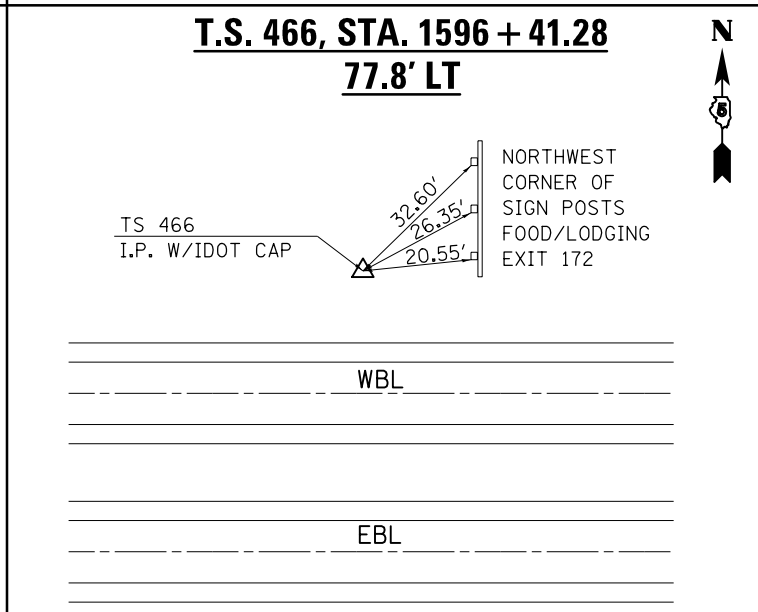
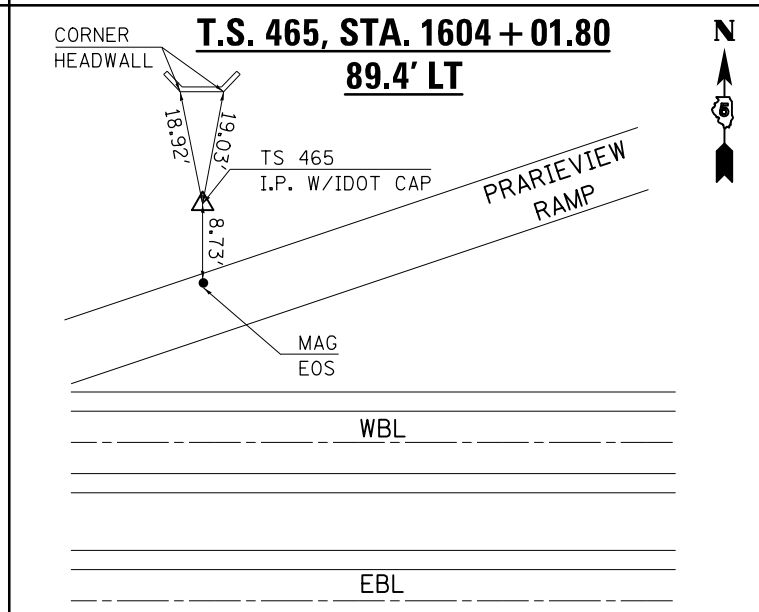
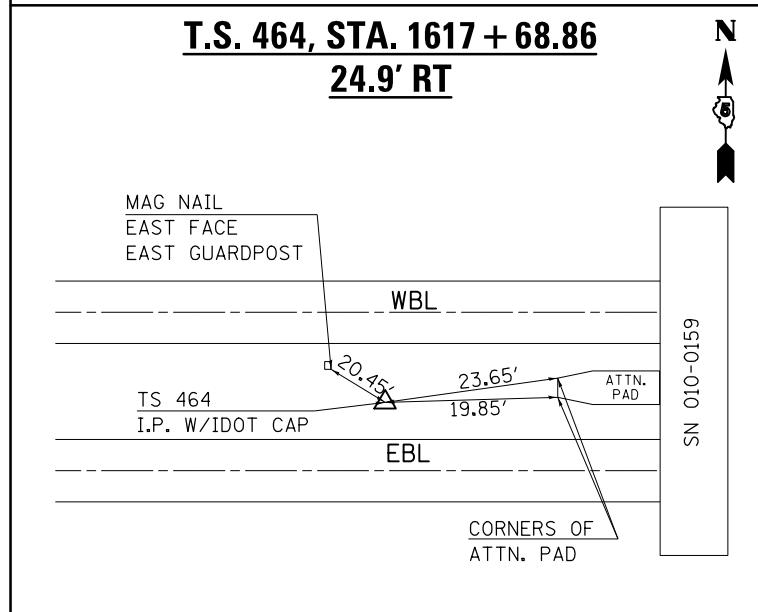
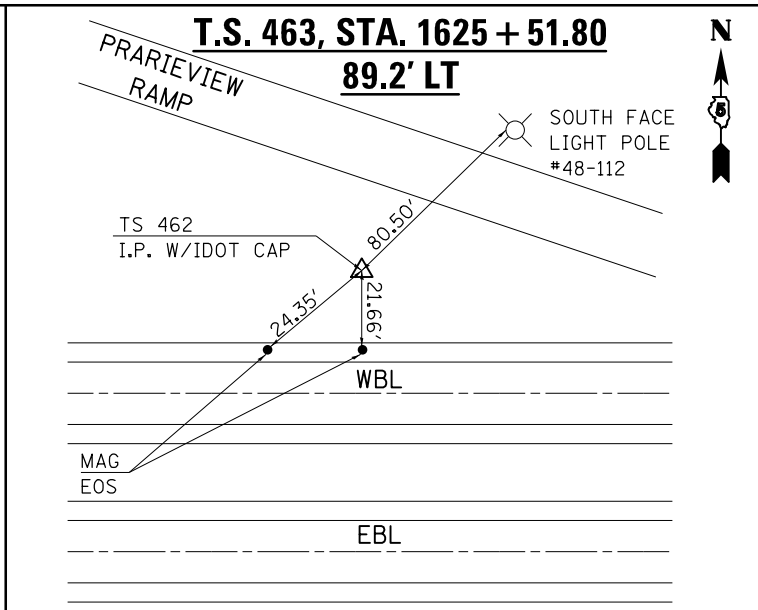
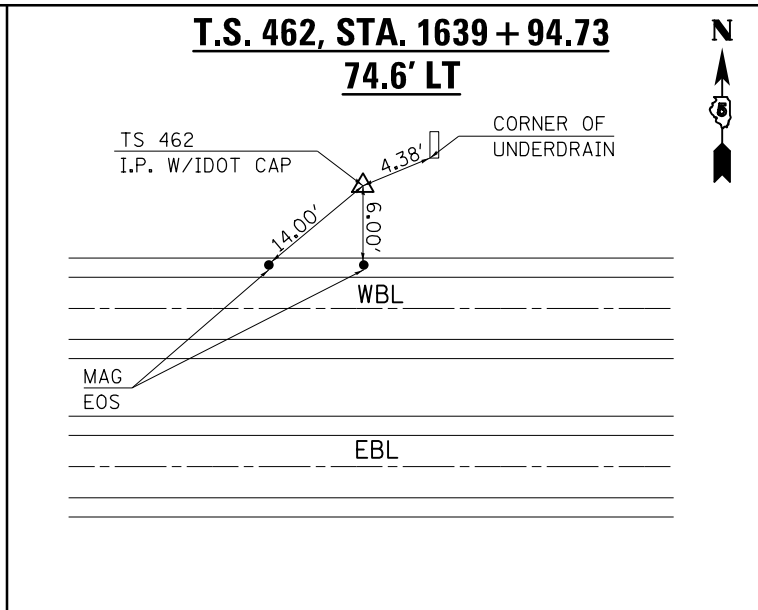
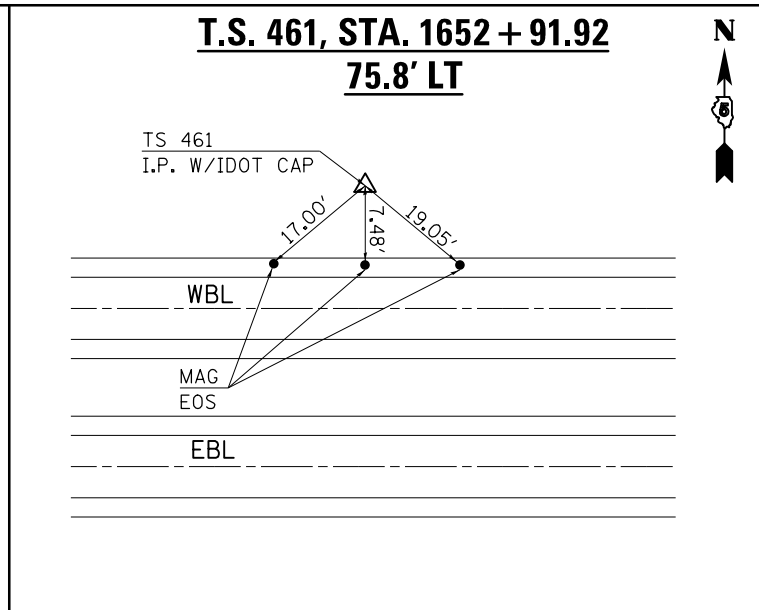
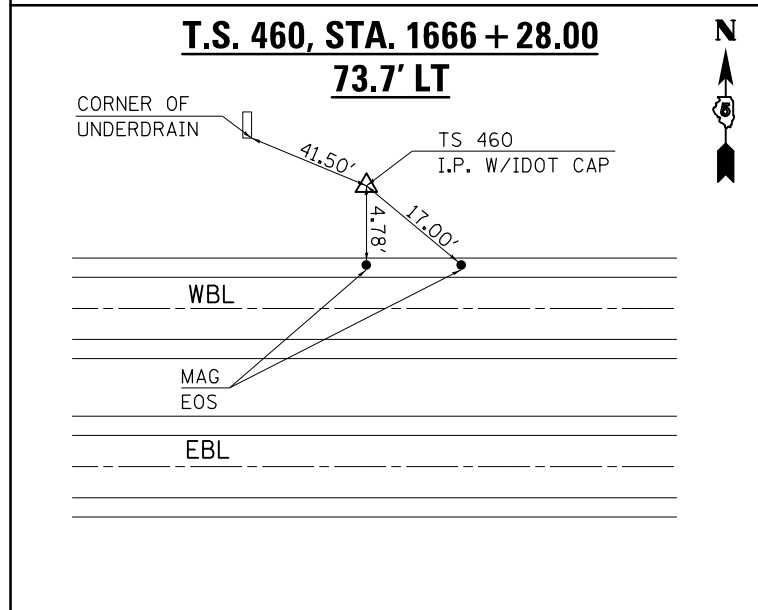
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIE POINTS
& BENCHMARKS**

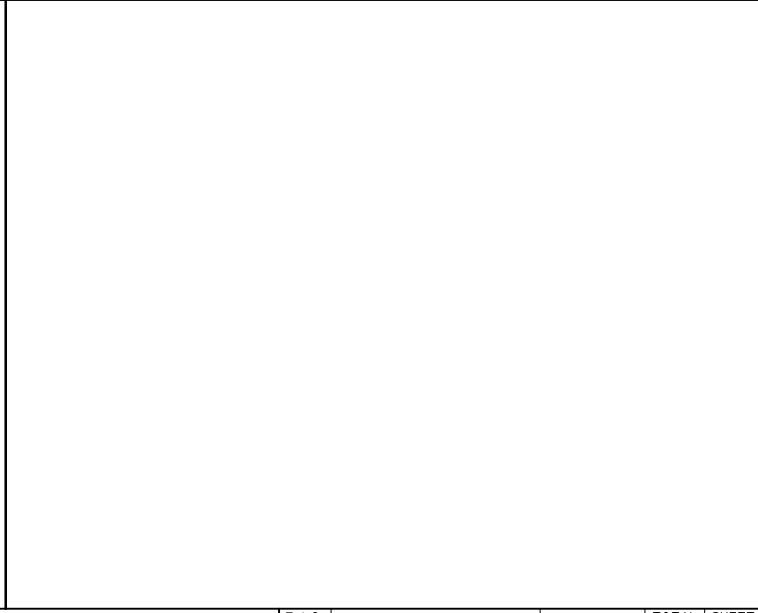
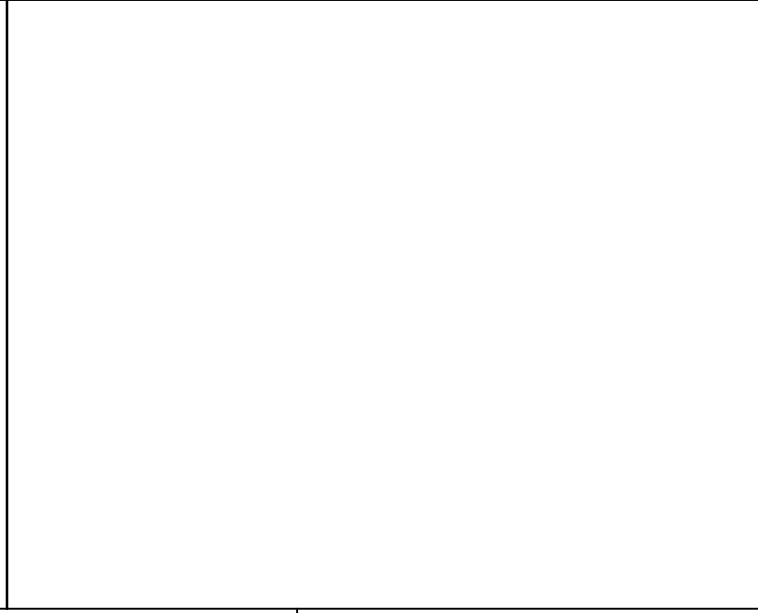
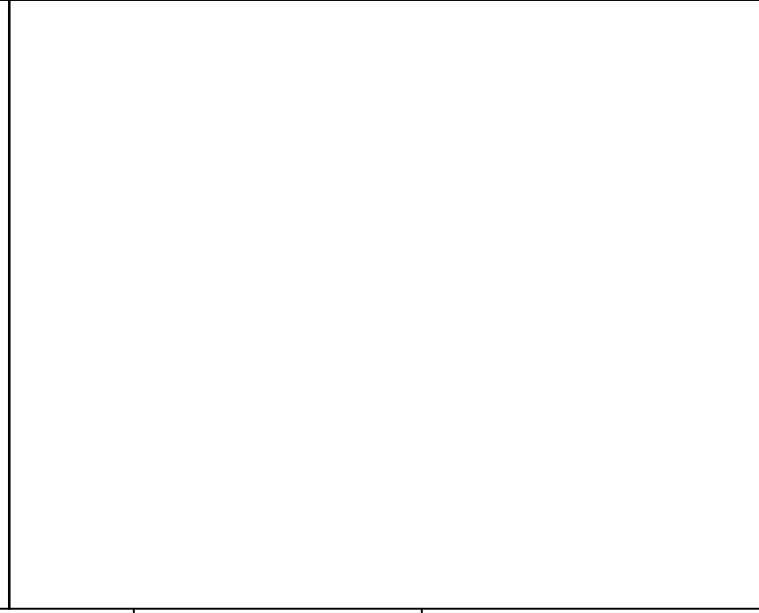
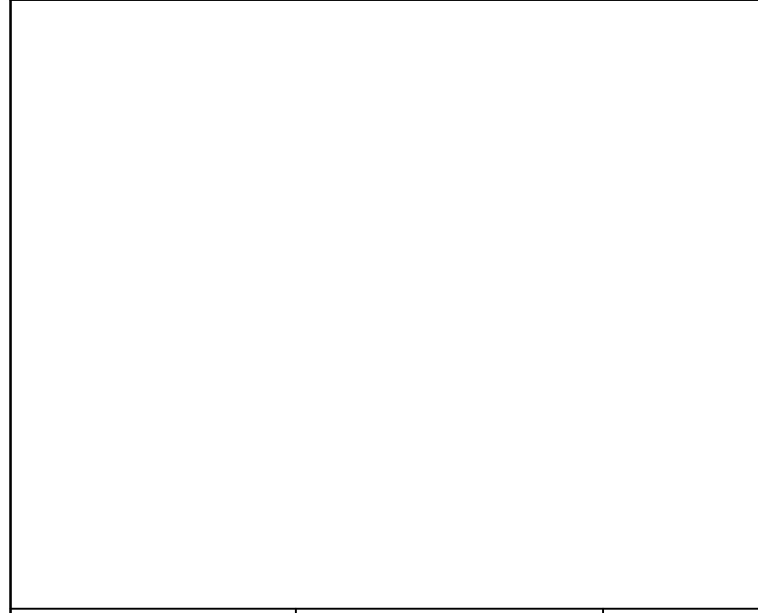
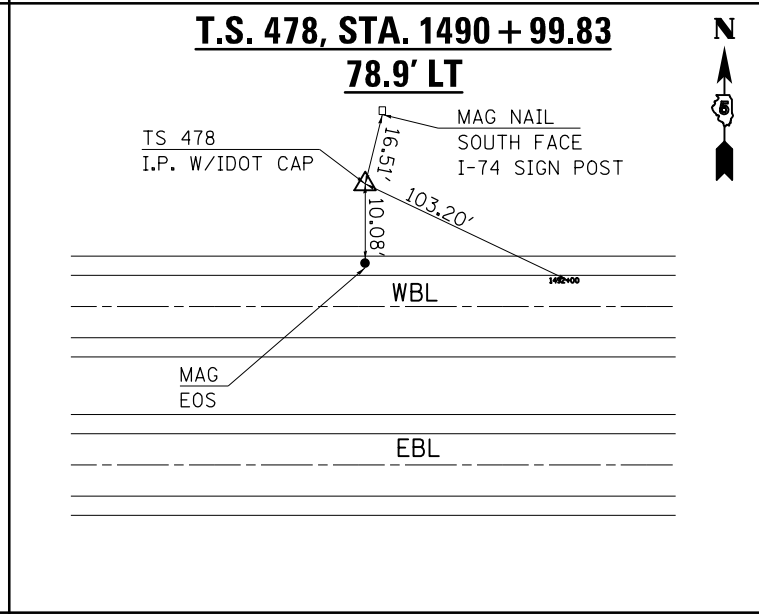
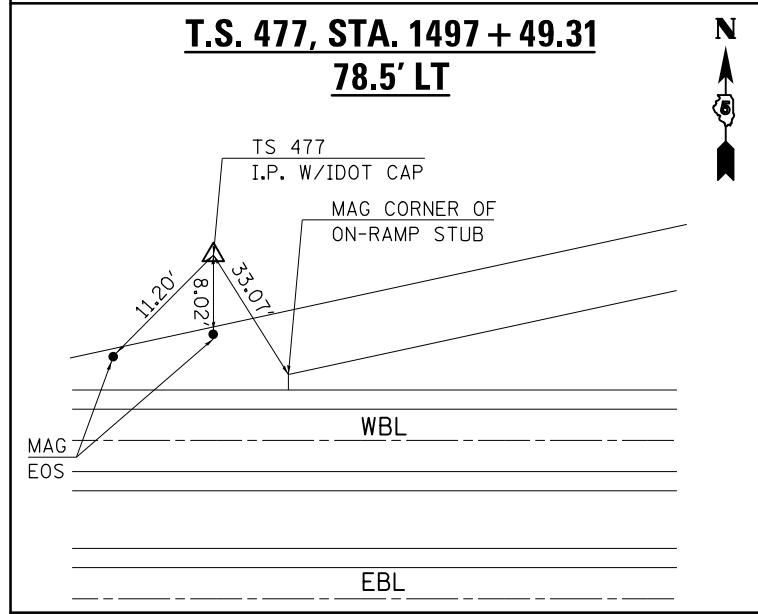
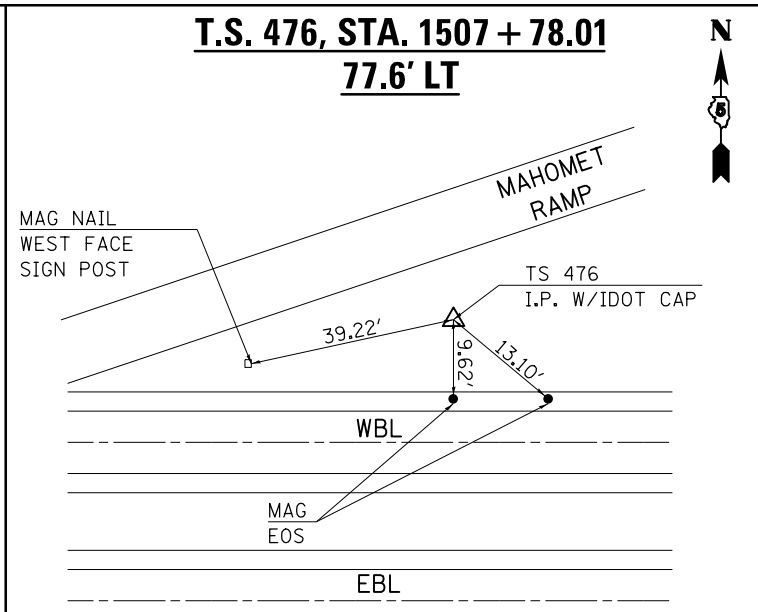
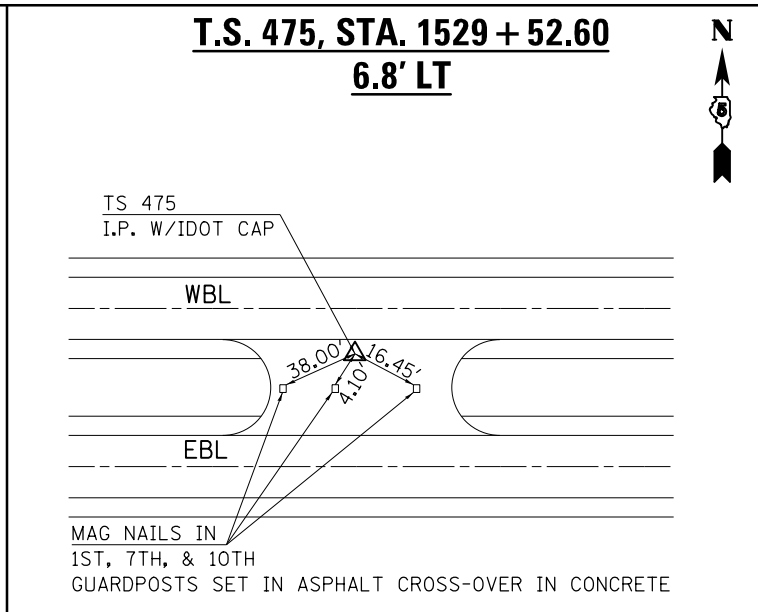
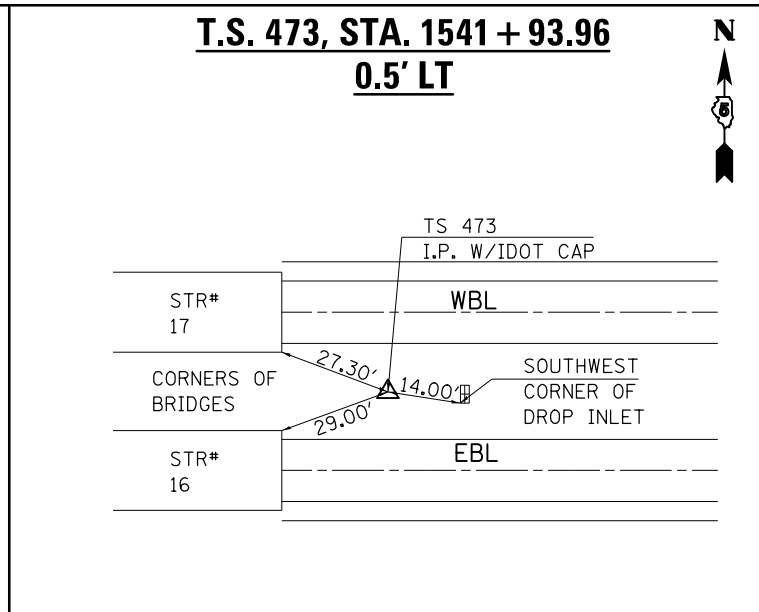
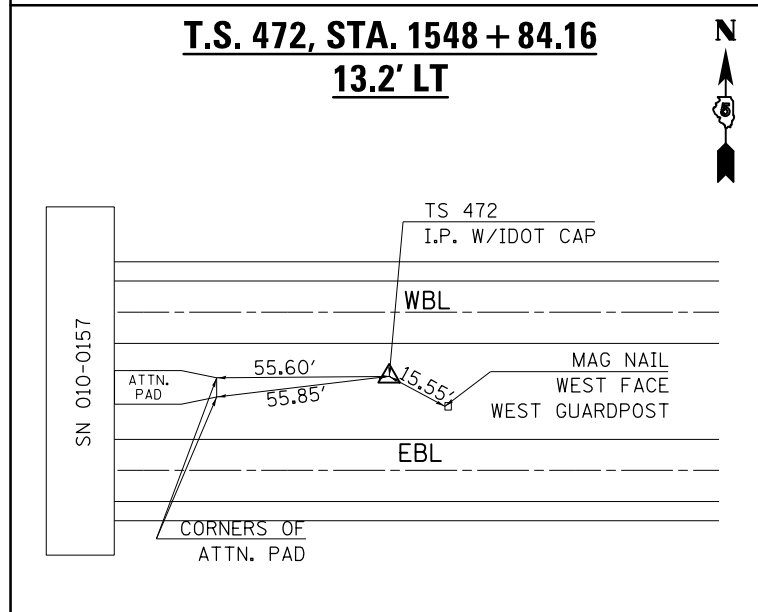
SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	32
CONTRACT NO. 70765			ILLINOIS FED. AID PROJECT	

ALIGNMENTS, TIE POINTS & BENCHMARKS



ALIGNMENTS, TIE POINTS & BENCHMARKS



FILE NAME =	USER NAME = carrollt	DESIGNED -	REVISED -
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MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/4/2015	DATE -	REVISED -

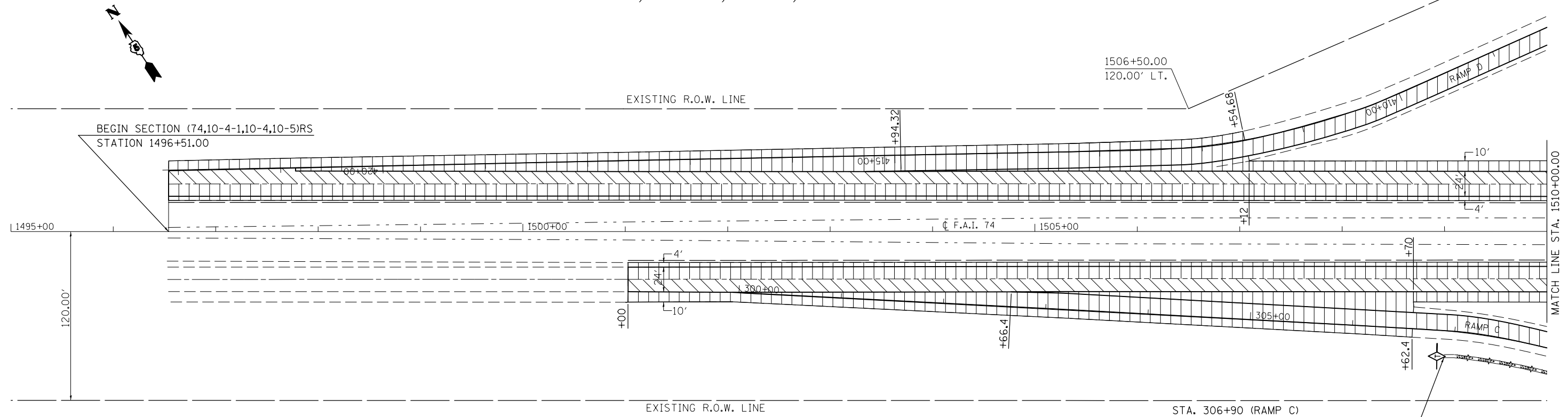
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIE POINTS & BENCHMARKS

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	34
CONTRACT NO. 70765				
ILLINOIS FED. AID PROJECT				

SEC. 15, T. 20 N., R. 7 E., 3RD P.M.



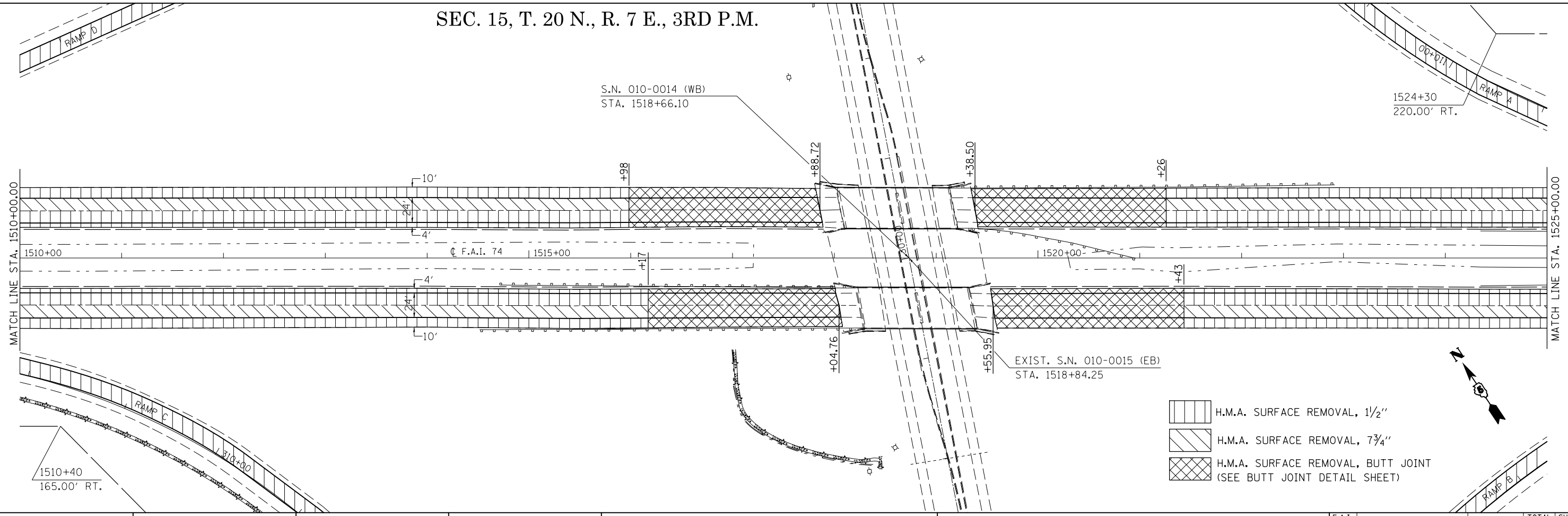
BEGIN SECTION (74,10-4-1,10-4,10-5)RS
STATION 1496+51.00

1506+50.00
120.00' LT.

- H.M.A. SURFACE REMOVAL, 1 1/2"
- H.M.A. SURFACE REMOVAL, 7 3/4"

STA. 306+90 (RAMP C)
PAVED DITCH REMOVAL - 20.0 FT. &
GRADING AND SHAPING DITCHES - 40.0 FT.

SEC. 15, T. 20 N., R. 7 E., 3RD P.M.



S.N. 010-0014 (WB)
STA. 1518+66.10

1524+30
220.00' RT.

- H.M.A. SURFACE REMOVAL, 1 1/2"
- H.M.A. SURFACE REMOVAL, 7 3/4"
- H.M.A. SURFACE REMOVAL, BUTT JOINT
(SEE BUTT JOINT DETAIL SHEET)

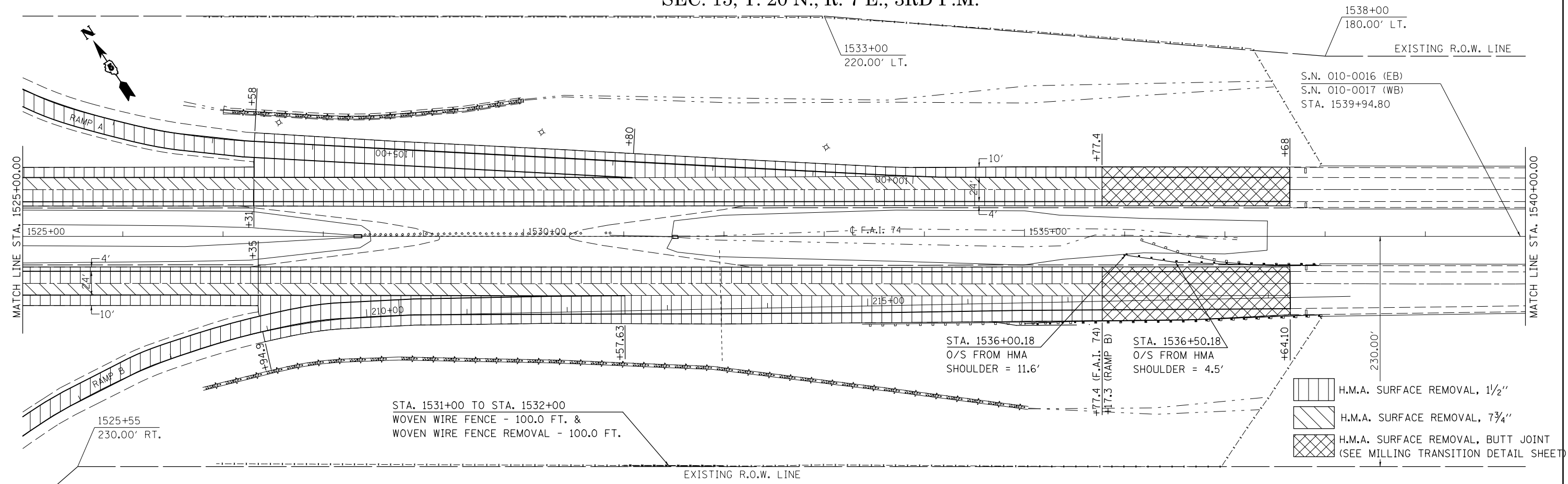
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MODELNAME	PLOT DATE = 12/4/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

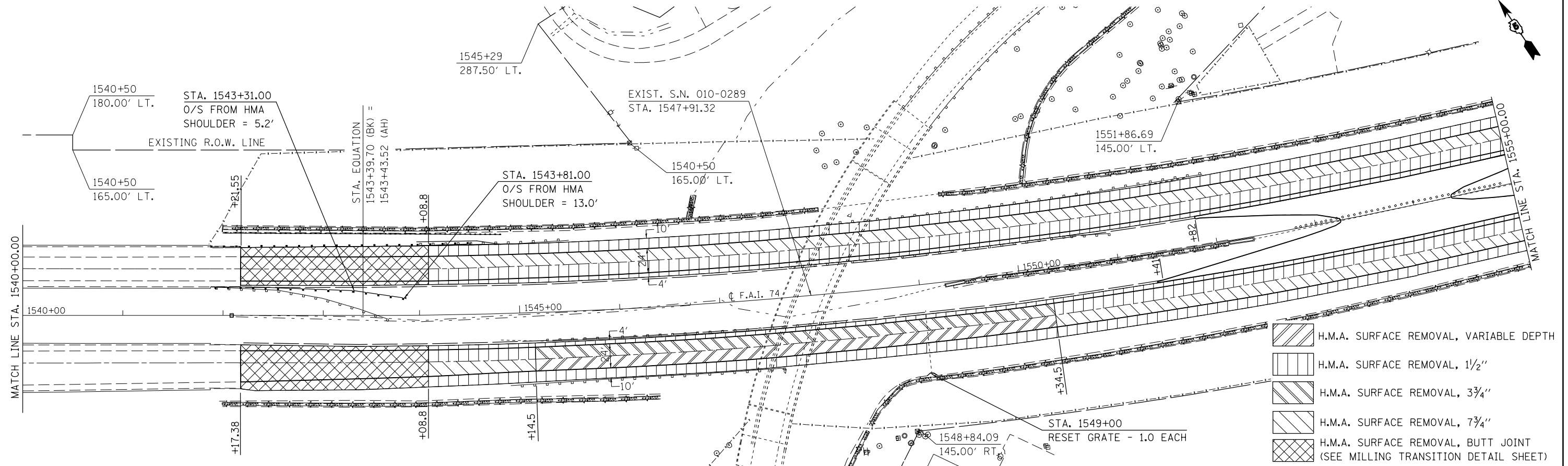
PLAN SHEET
SCALE: SHEET 1 OF 15 SHEETS STA. 1496+51.00 TO STA. 1525+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	35
CONTRACT NO. 70765				
ILLINOIS FED. AID PROJECT				

SEC. 15, T. 20 N., R. 7 E., 3RD P.M.



SEC. 15, T. 20 N., R. 7 E., 3RD P.M.



SEC. 14, T. 20 N., R. 7 E., 3RD P.M.

- H.M.A. SURFACE REMOVAL, 1/2"
- H.M.A. SURFACE REMOVAL, 3/4"
- H.M.A. SURFACE REMOVAL, BUTT JOINT (SEE MILLING TRANSITION DETAIL SHEET)

- H.M.A. SURFACE REMOVAL, VARIABLE DEPTH
- H.M.A. SURFACE REMOVAL, 1/2"
- H.M.A. SURFACE REMOVAL, 3/4"
- H.M.A. SURFACE REMOVAL, 7/8"
- H.M.A. SURFACE REMOVAL, BUTT JOINT (SEE MILLING TRANSITION DETAIL SHEET)

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
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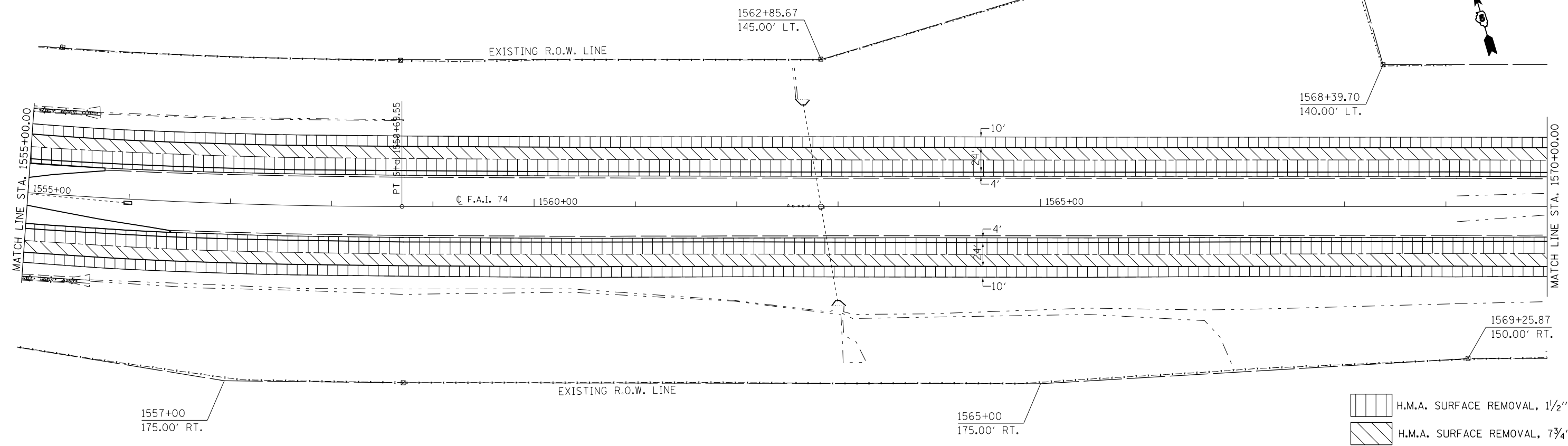
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

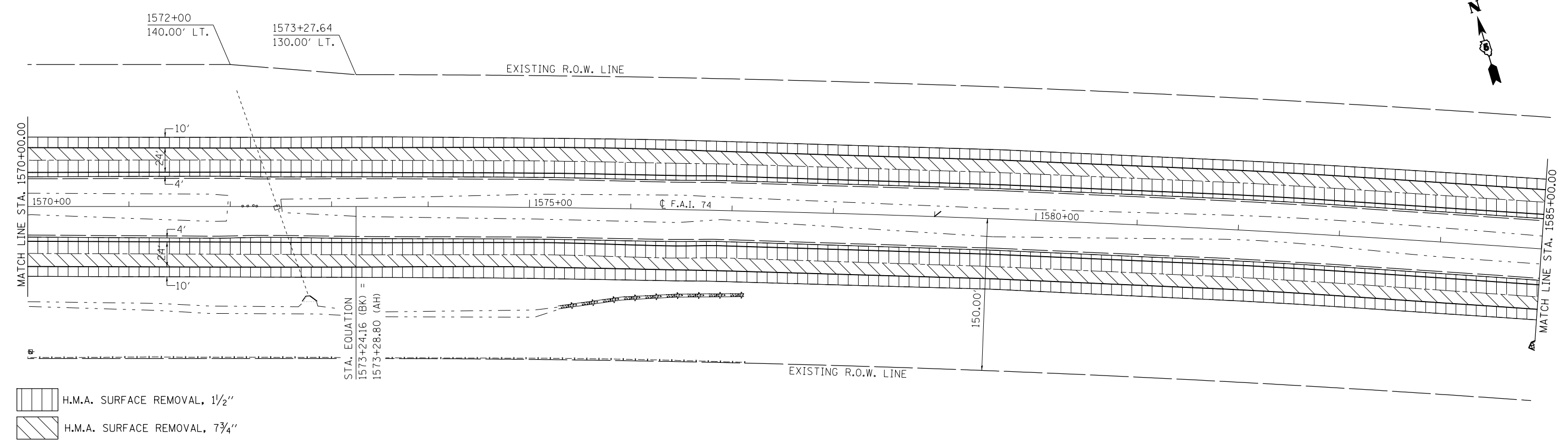
SCALE: SHEET 2 OF 15 SHEETS STA. 1525+00.00 TO STA. 1555+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	36
CONTRACT NO. 70765			ILLINOIS FED. AID PROJECT	

SEC. 14, T. 20 N., R. 7 E., 3RD P.M.

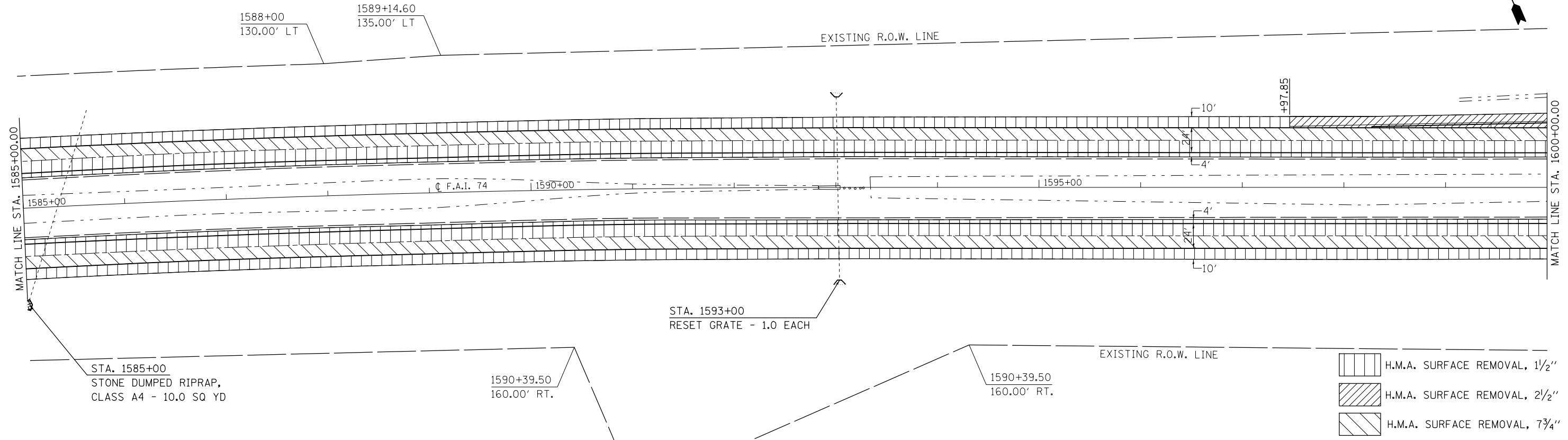


SEC. 14, T. 20 N., R. 7 E., 3RD P.M.

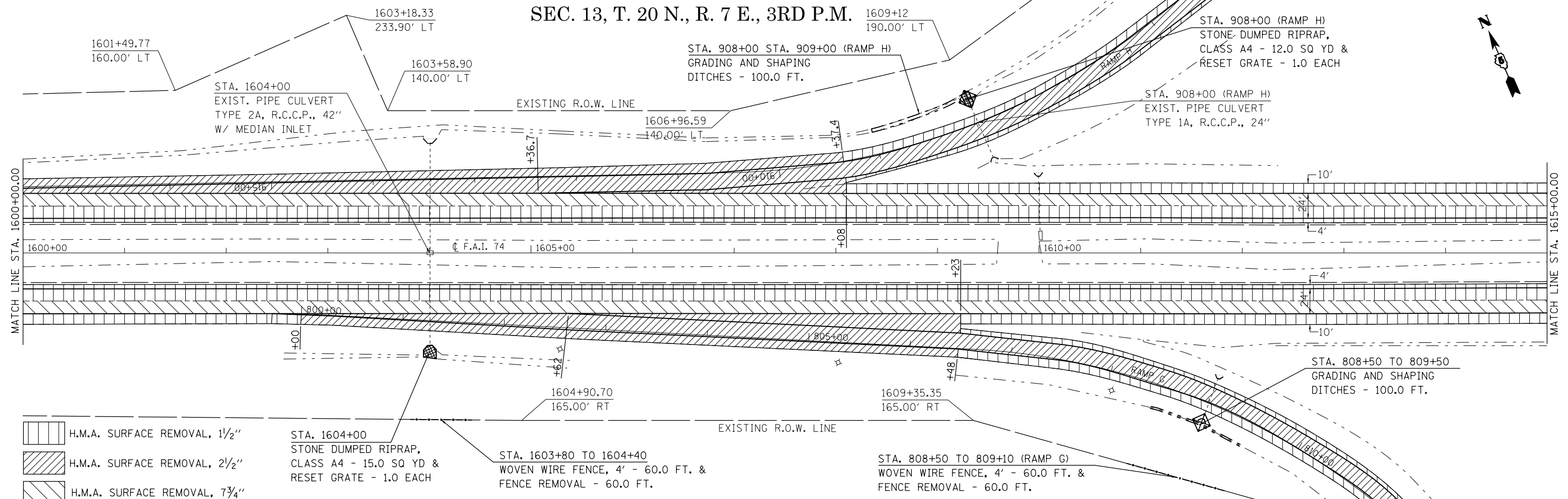


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MODELNAME	PLotted DATE = 12/4/2015	DATE -	REVISED -		CONTRACT NO. 70765			ILLINOIS FED. AID PROJECT			
					SCALE:	SHEET 3	OF 15 SHEETS	STA. 1555+00.00	TO STA. 1585+00.00		

SEC. 14, T. 20 N., R. 7 E., 3RD P.M.

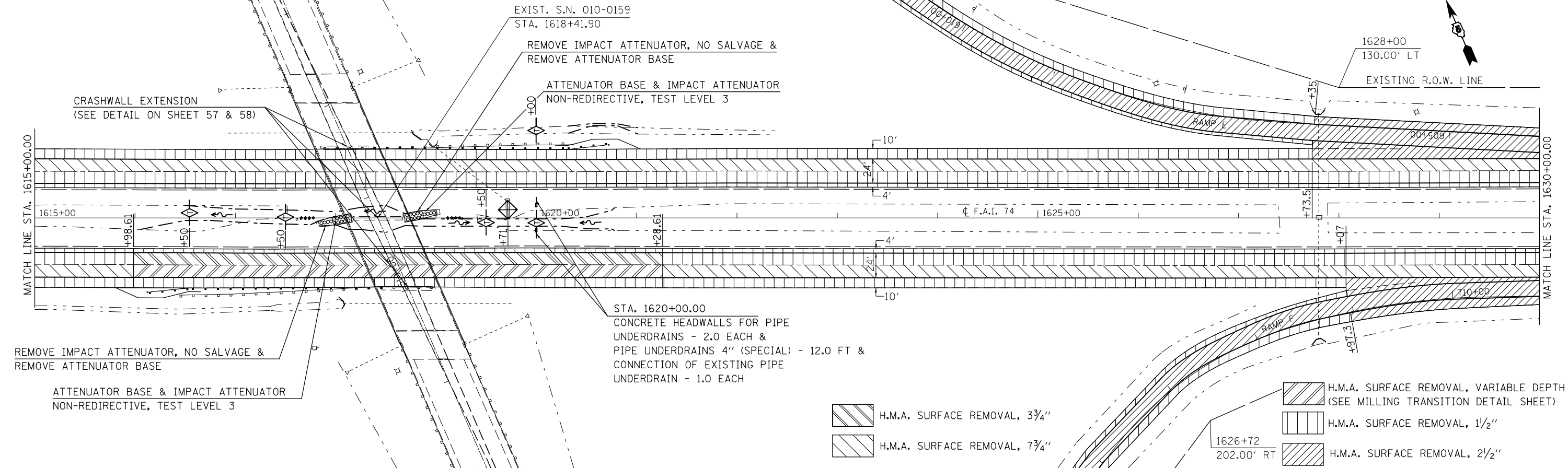


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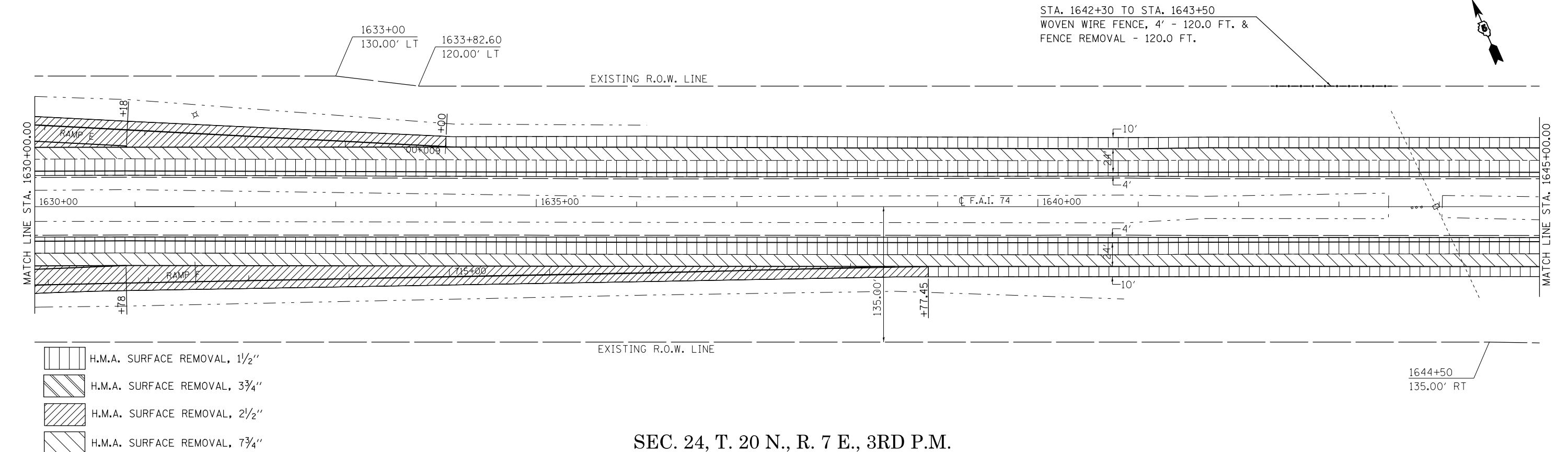


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		DATE -	REVISED -			SCALE: SHEET 4 OF 15 SHEETS STA. 1585+00.00 TO STA. 1615+00.00		CONTRACT NO. 70765		
#MODELNAME#	PLOT DATE = 12/4/2015					ILLINOIS FED. AID PROJECT				

SEC. 13, T. 20 N., R. 7 E., 3RD P.M.



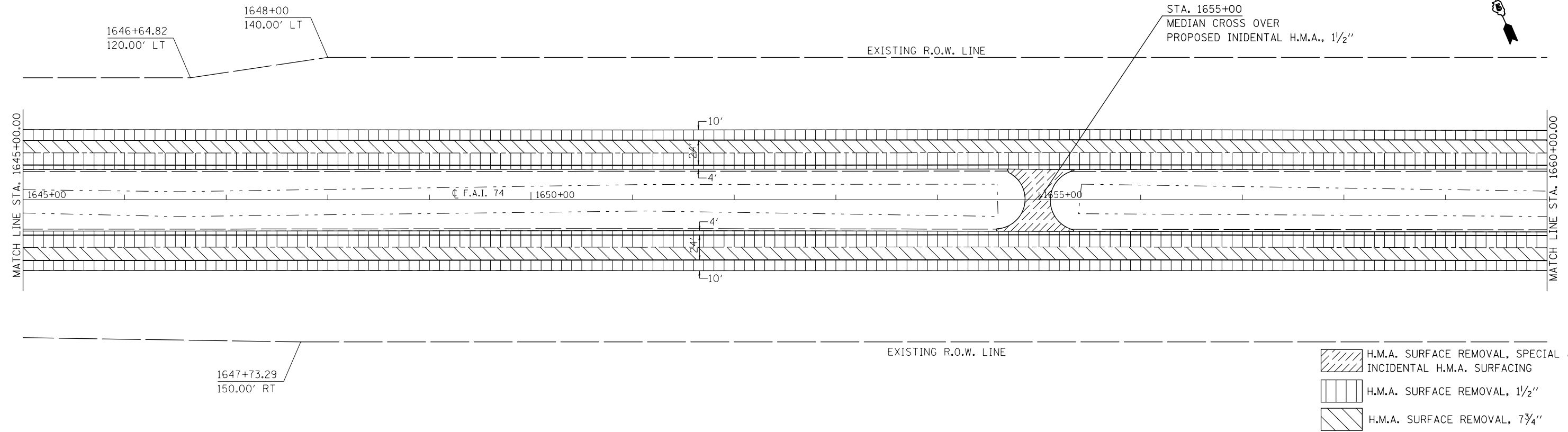
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SEC. 24, T. 20 N., R. 7 E., 3RD P.M.

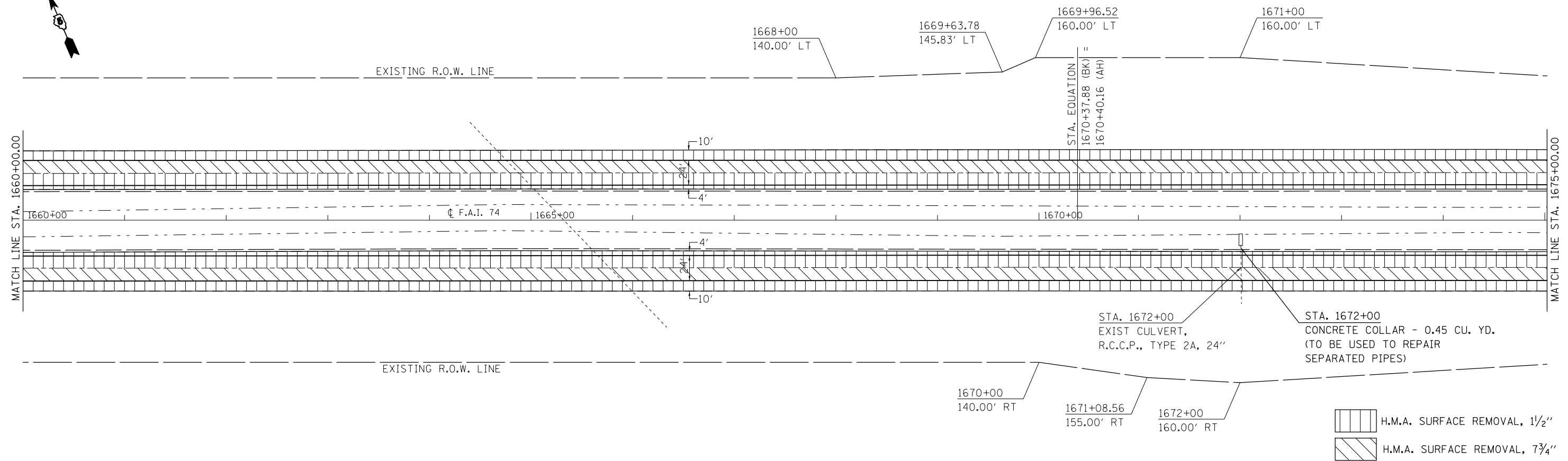
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p:\1\084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\0579765-plan-sh.dgn		CHECKED -	REVISED -			74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	39
		DATE -	REVISED -			CONTRACT NO. 70765			ILLINOIS FED. AID PROJECT	
*MODELNAME#	PLOT DATE = 12/4/2015					SCALE:	SHEET 5	OF 15 SHEETS	STA. 1615+00.00	TO STA. 1645+00.00

SEC. 24, T. 20 N., R. 7 E., 3RD P.M.



SEC. 24, T. 20 N., R. 7 E., 3RD P.M.

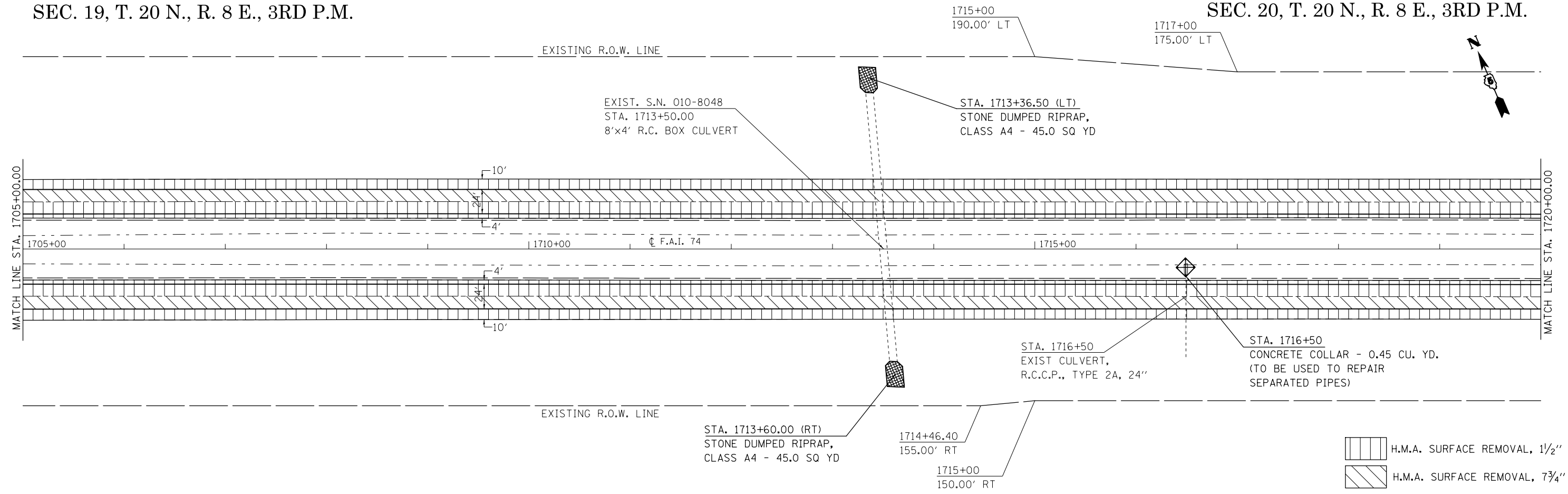
SEC. 19, T. 20 N., R. 8 E., 3RD P.M.



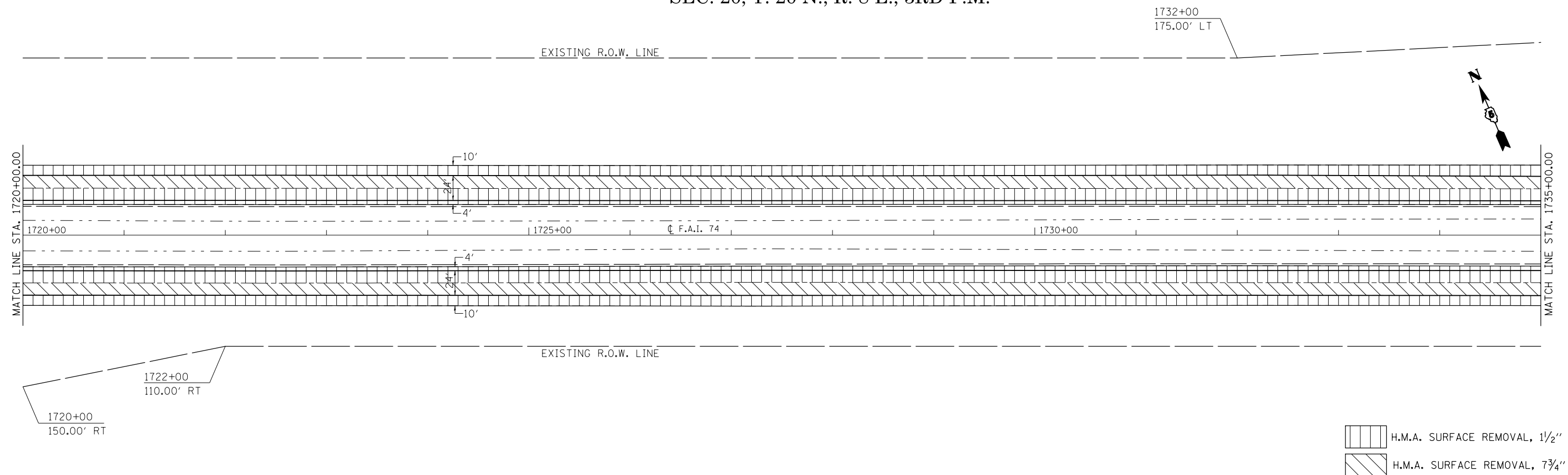
FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET	F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\05770765-plan-sht.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -			74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	40	
#MODELNAME#	DATE = 12/4/2015	DATE -	REVISED -			SCALE: SHEET 6 OF 15 SHEETS STA. 1645+00.00 TO STA. 1675+00.00		CONTRACT NO. 70765			
						ILLINOIS FED. AID PROJECT					

SEC. 19, T. 20 N., R. 8 E., 3RD P.M.

SEC. 20, T. 20 N., R. 8 E., 3RD P.M.



SEC. 20, T. 20 N., R. 8 E., 3RD P.M.



FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
p:\11084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\057765-plan-sht.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
*MODELNAME#	PLOT DATE = 12/4/2015	DATE -	REVISED -

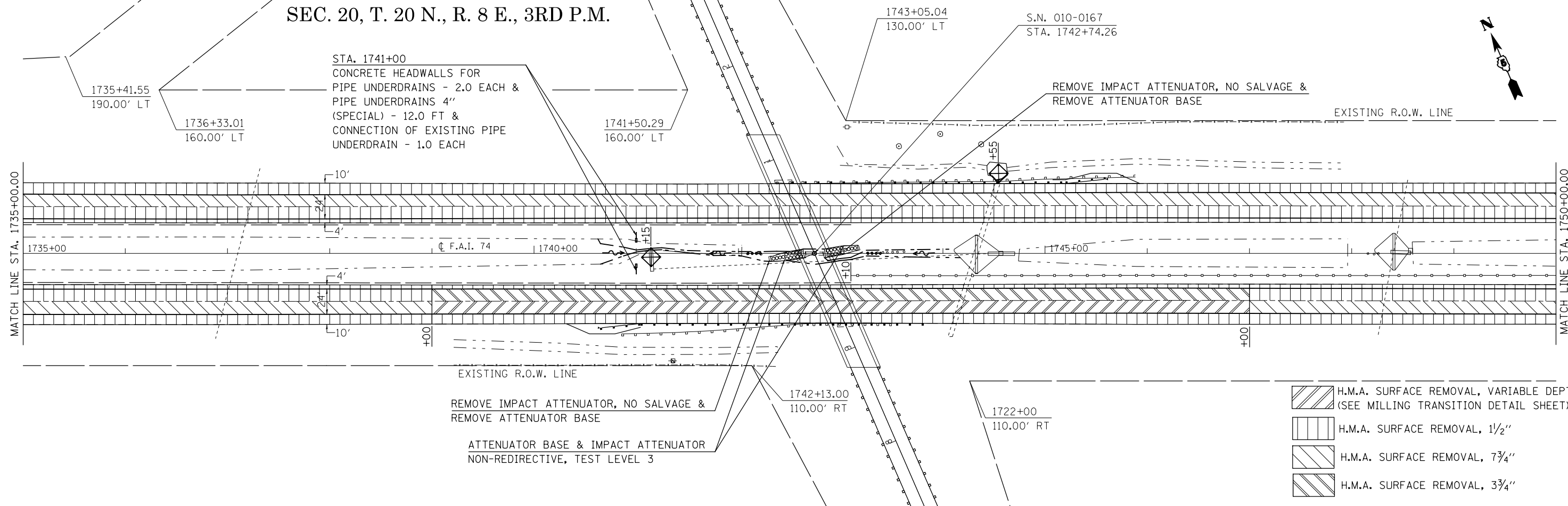
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

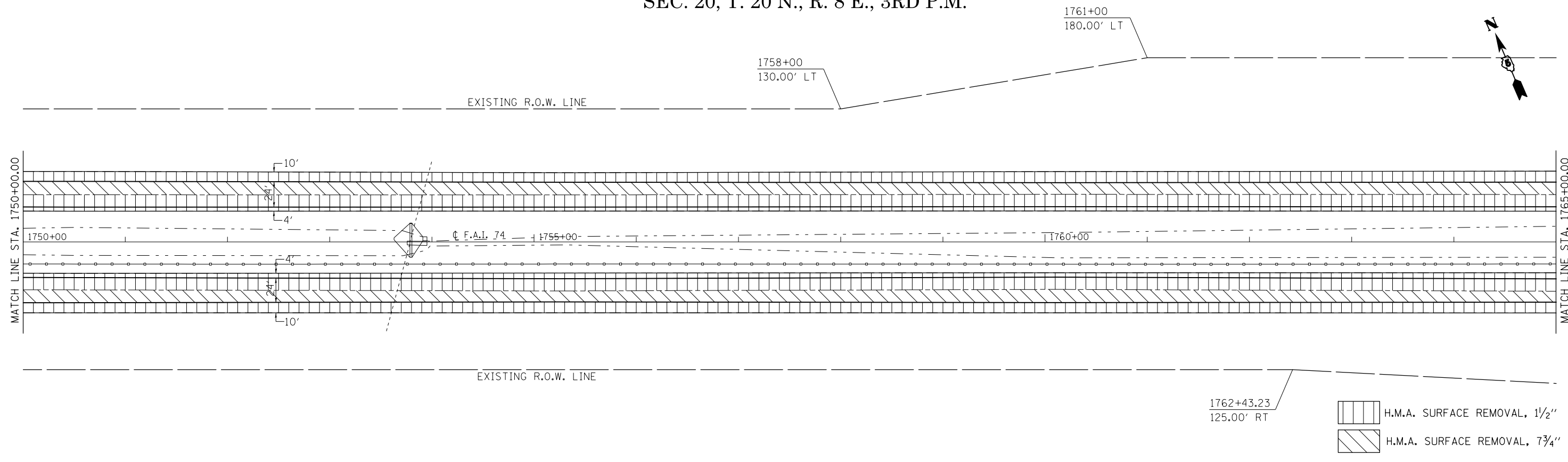
SCALE: SHEET 8 OF 15 SHEETS STA. 1705+00.00 TO STA. 1735+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	42
CONTRACT NO. 70765				
ILLINOIS FED. AID PROJECT				

SEC. 20, T. 20 N., R. 8 E., 3RD P.M.



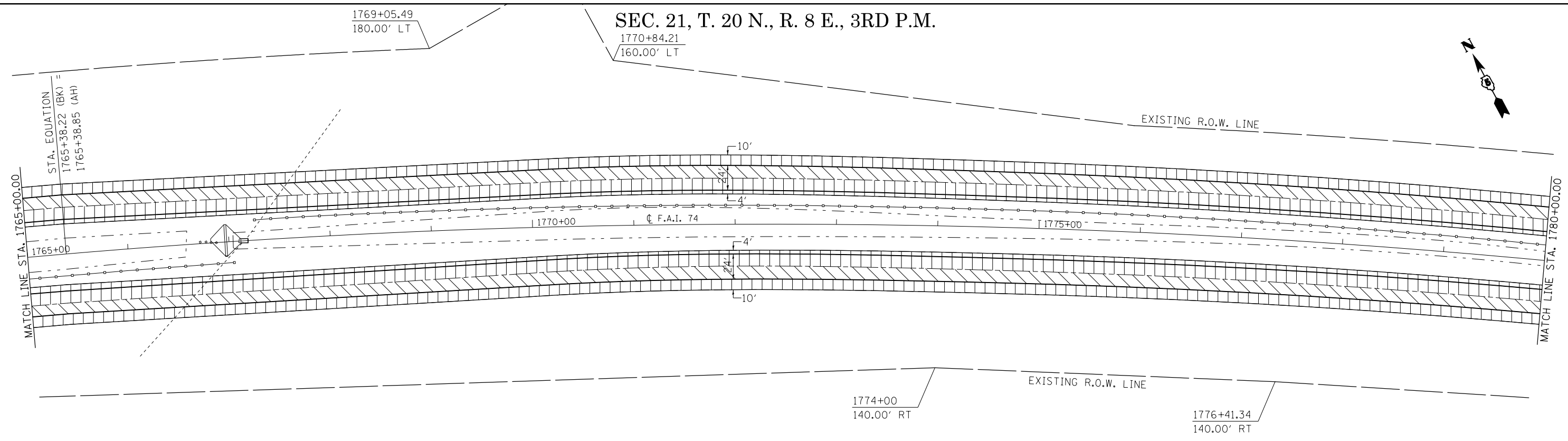
SEC. 20, T. 20 N., R. 8 E., 3RD P.M.





SEC. 29, T. 20 N., R. 8 E., 3RD P.M.

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 PLAN SHEET	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 5\Projects\0577\DRAWING\0577\Design\0577\0765-plan-sht.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -			74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	43	
*MODELNAME#	PLOT DATE = 12/4/2015	DATE -	REVISED -			CONTRACT NO. 70765			ILLINOIS FED. AID PROJECT		
						SCALE:	SHEET 9	OF 15 SHEETS	STA. 1735+00.00	TO STA. 1765+00.00	

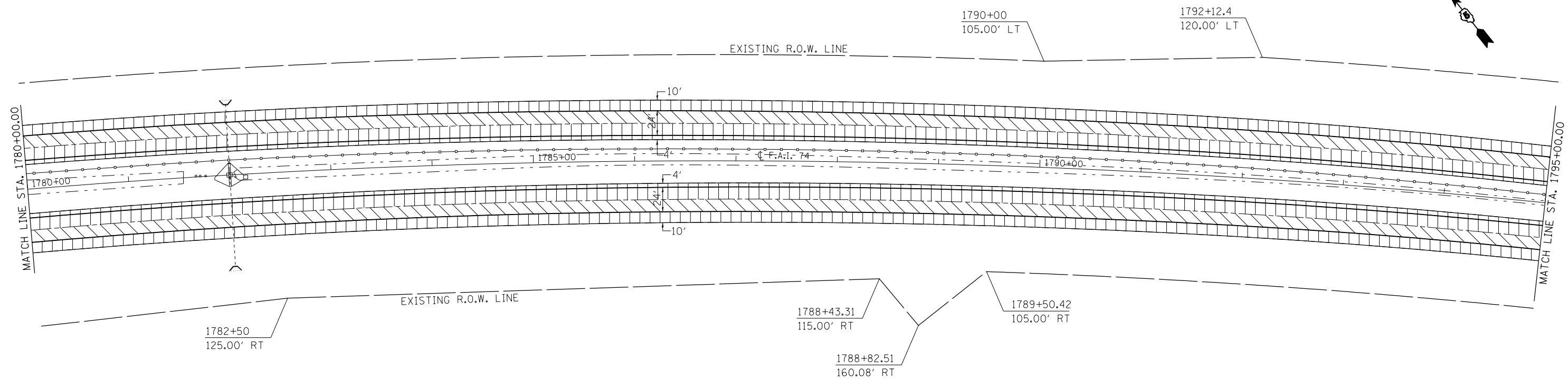
SEC. 21, T. 20 N., R. 8 E., 3RD P.M.
 1770+84.21
 160.00' LT





SEC. 29, T. 20 N., R. 8 E., 3RD P.M.

 H.M.A. SURFACE REMOVAL, 1/2"
 H.M.A. SURFACE REMOVAL, 3/4"

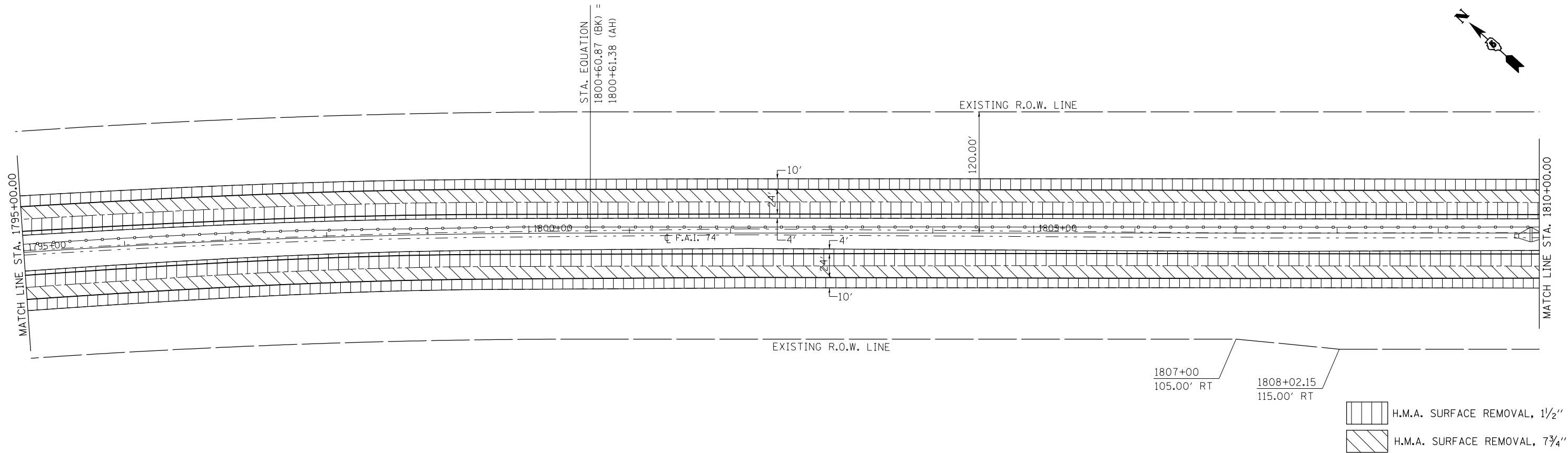
SEC. 28, T. 20 N., R. 8 E., 3RD P.M.



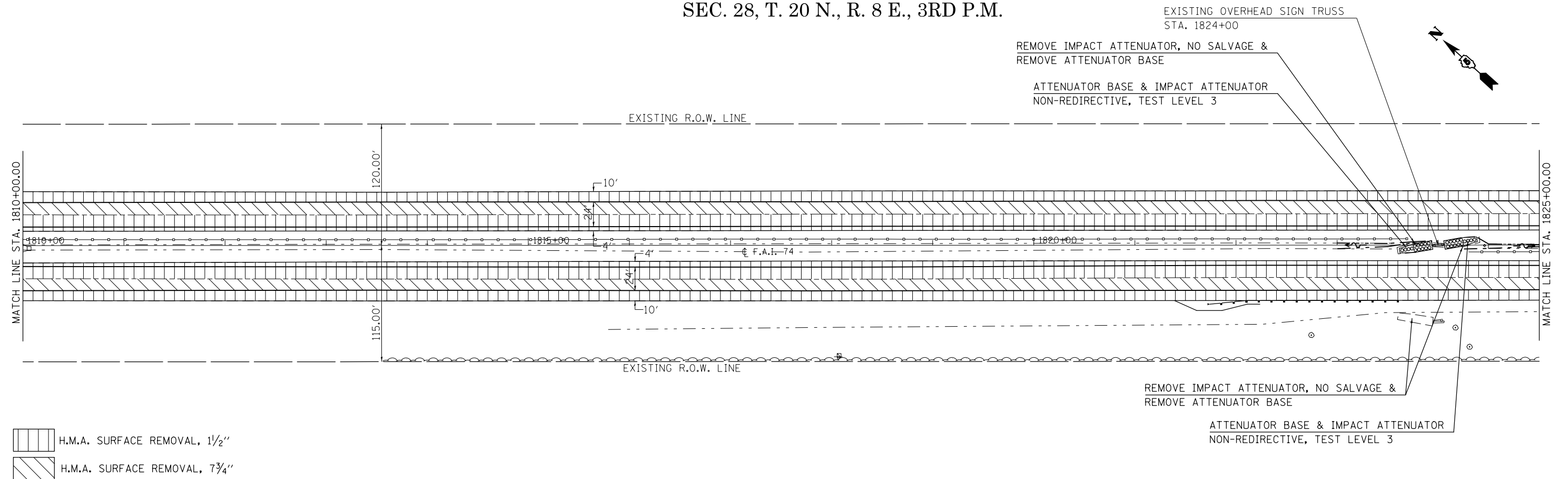
 H.M.A. SURFACE REMOVAL, 1/2"
 H.M.A. SURFACE REMOVAL, 3/4"

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0577\DRAWING\Design\05770765-plan-sht.dgn		DRAWN -	REVISED -		74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	44			
		CHECKED -	REVISED -		CONTRACT NO. 70765							
*MODELNAME#	PLOT DATE = 12/4/2015	DATE -	REVISED -		SCALE:	SHEET 10	OF 15 SHEETS	STA. 1765+00.00	TO STA. 1795+00.00	ILLINOIS FED. AID PROJECT		

SEC. 28, T. 20 N., R. 8 E., 3RD P.M.



SEC. 28, T. 20 N., R. 8 E., 3RD P.M.



FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0577\BROWNDATA\Design\0570765-plan-sht.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 12/4/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

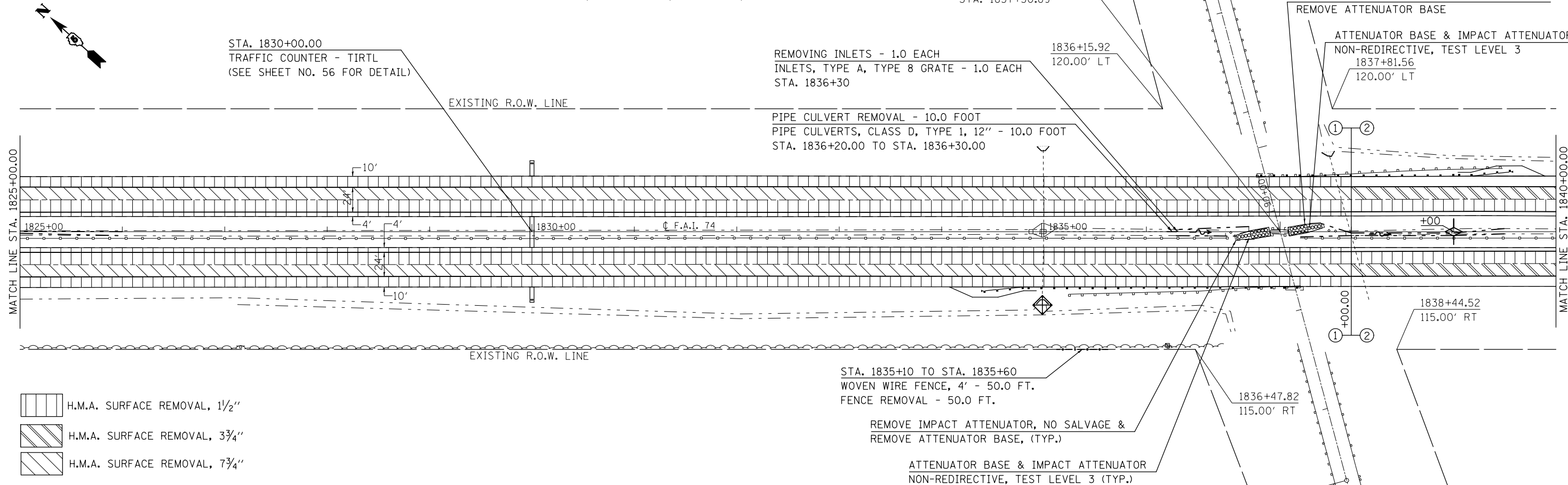
PLAN SHEET

SCALE: SHEET 11 OF 15 SHEETS STA. 1795+00.00 TO STA. 1825+00.00

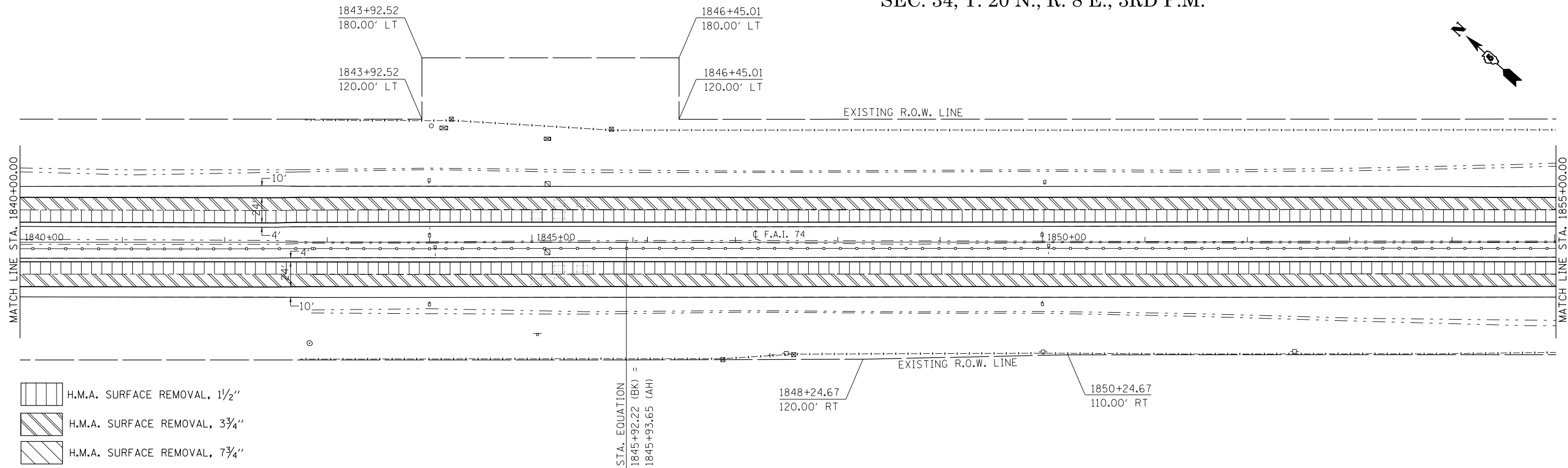
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	45
CONTRACT NO. 70765				
ILLINOIS FED. AID PROJECT				

SEC. 28, T. 20 N., R. 8 E., 3RD P.M.

S.N. 010-0169
STA. 1837+30.89



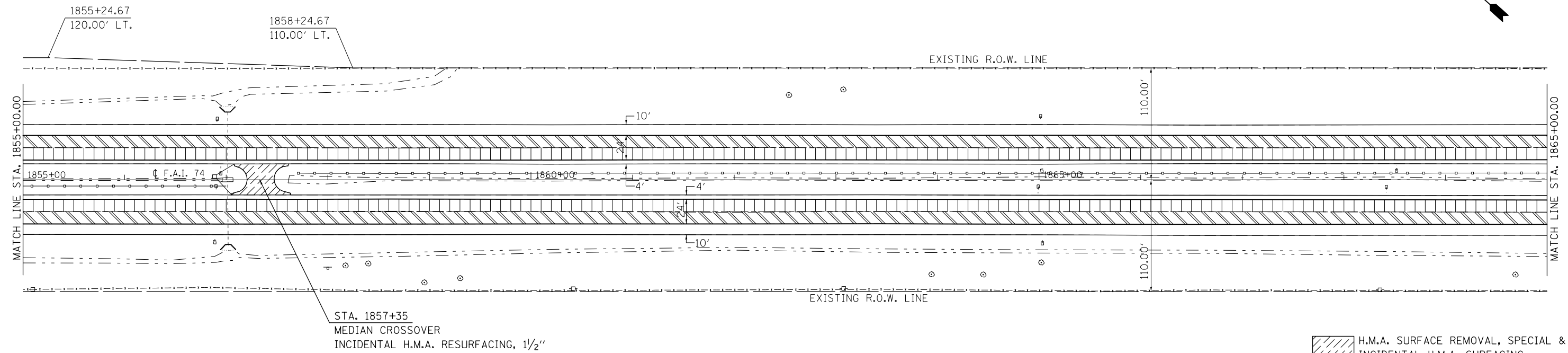
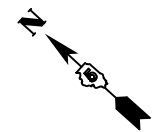
SEC. 34, T. 20 N., R. 8 E., 3RD P.M.






SEC. 33, T. 20 N., R. 8 E., 3RD P.M.

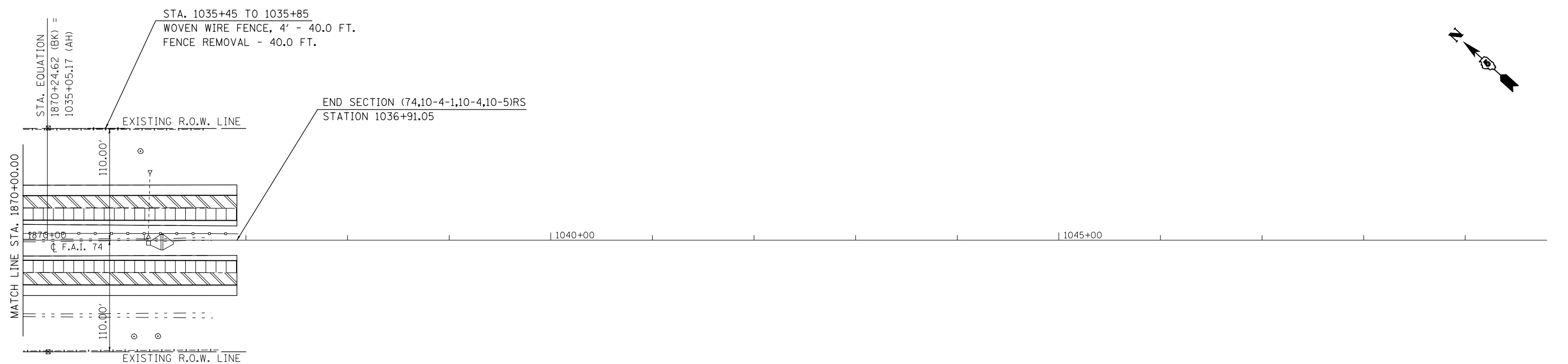
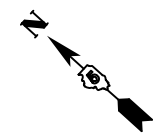
SEC. 34, T. 20 N., R. 8 E., 3RD P.M.



FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\05770765-plan-sht.dgn	DESIGNED -	REVISED -	74			(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	46	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70765							
*MODELNAME#	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET 12 OF 15 SHEETS		STA. 1825+00.00 TO STA. 1855+00.00		



-  H.M.A. SURFACE REMOVAL, SPECIAL & INCIDENTAL H.M.A. SURFACING
-  H.M.A. SURFACE REMOVAL, 1/2"
-  H.M.A. SURFACE REMOVAL, 3/4"

STA. 1857+35
 MEDIAN CROSSOVER
 INCIDENTAL H.M.A. RESURFACING, 1/2"



-  H.M.A. SURFACE REMOVAL, 1/2"
-  H.M.A. SURFACE REMOVAL, 3/4"

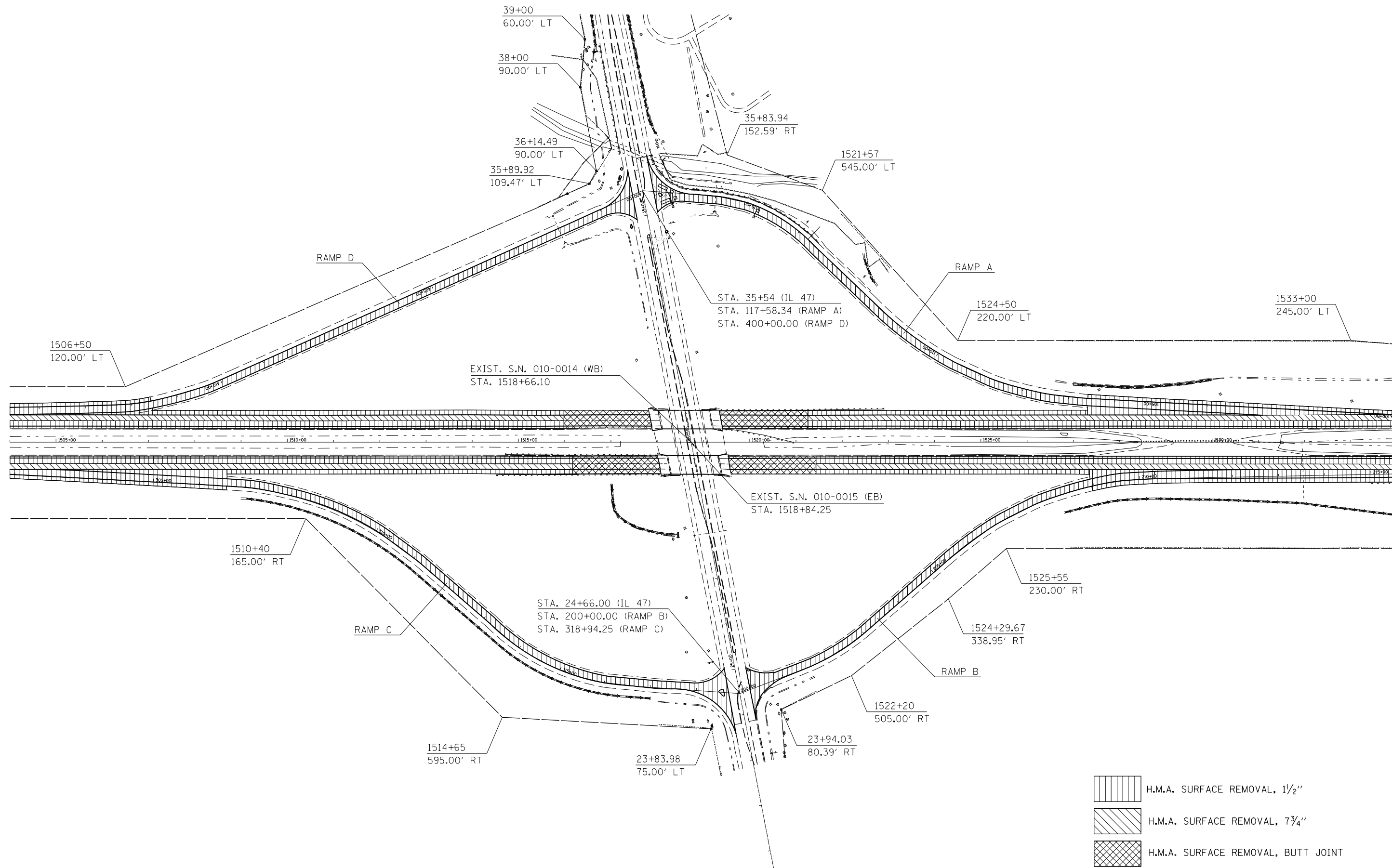
FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 12/4/2015	DATE -	REVISED -




**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

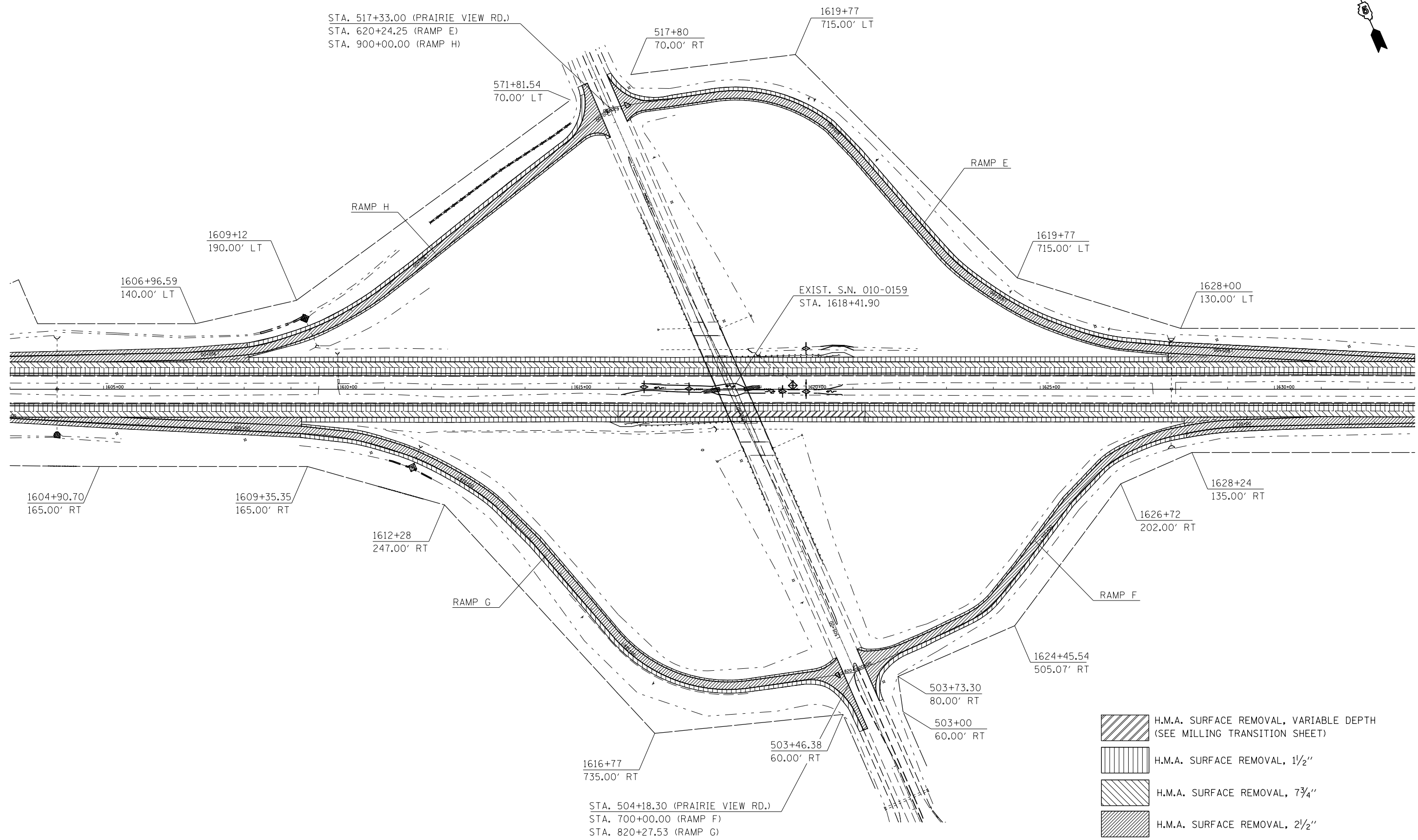
SCALE: SHEET 13 OF 15 SHEETS STA. 1855+00.00 TO STA. 1036+91.05

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	47
CONTRACT NO. 70765				
ILLINOIS FED. AID PROJECT				



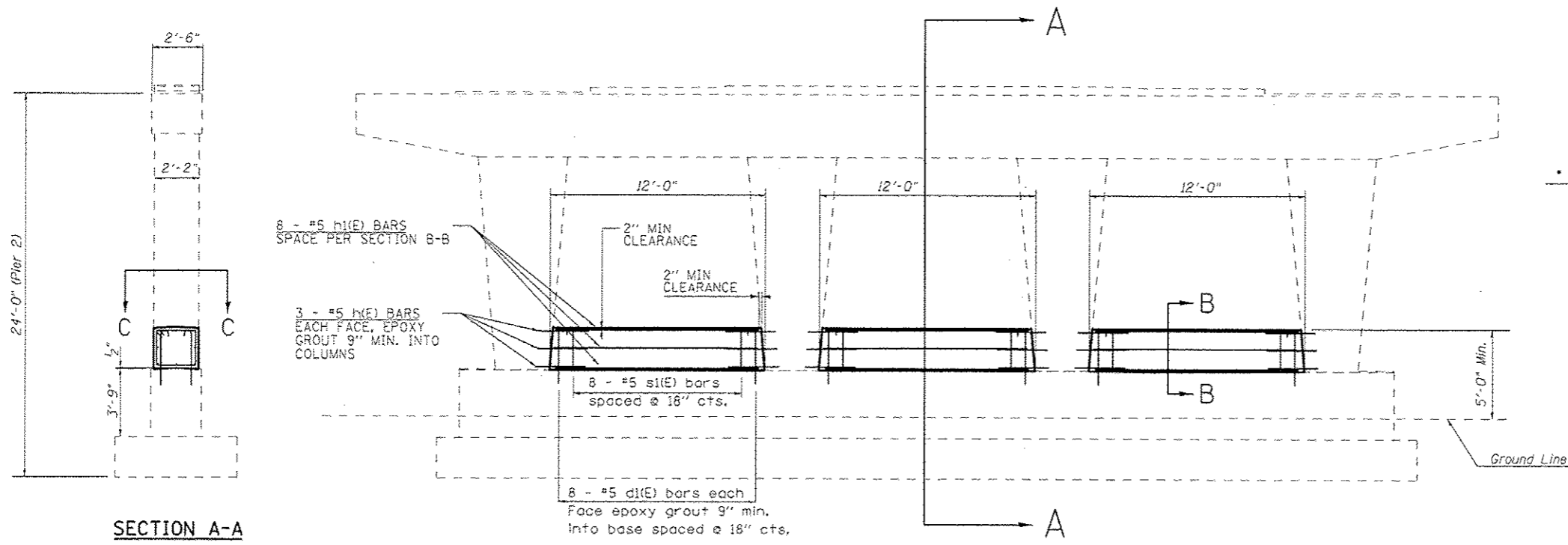
-  H.M.A. SURFACE REMOVAL, 1 1/2"
-  H.M.A. SURFACE REMOVAL, 7 3/4"
-  H.M.A. SURFACE REMOVAL, BUTT JOINT

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 & IL 77 INTERCHANGE PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0577\BROWNO\Design\0570765-plan-sh1.dgn	DRAWN	REVISED -	REVISED -			74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	48	
\$MODELNAME\$	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70765					
	PLOT DATE = 12/4/2015	DATE -	REVISED -			SCALE:	SHEET 14	OF 15 SHEETS	STA. 1504+00	TO STA. 1534+00	ILLINOIS FED. AID PROJECT



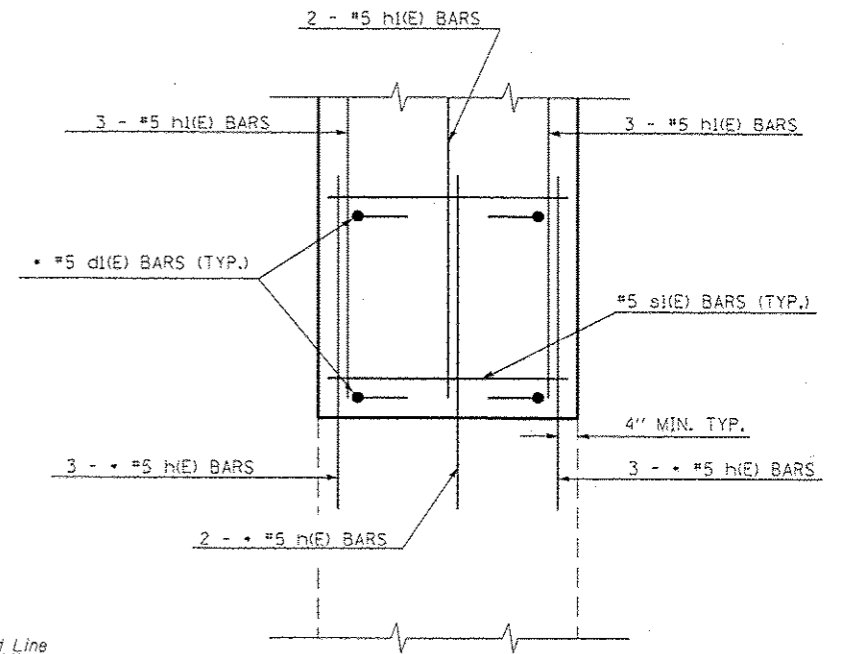
- H.M.A. SURFACE REMOVAL, VARIABLE DEPTH (SEE MILLING TRANSITION SHEET)
- H.M.A. SURFACE REMOVAL, 1 1/2"
- H.M.A. SURFACE REMOVAL, 7 3/4"
- H.M.A. SURFACE REMOVAL, 2 1/2"

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 & PRAIRIE VIEW ROAD INTERCHANGE PLAN SHEET	F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\DRAWING\0579\Design\0579765-plan-sh.dgn						74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	49	
PLOT SCALE = 200.0000' / in.						CONTRACT NO. 70765					
PLOT DATE = 12/4/2015						ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET 15 OF 15 SHEETS STA. 1603+00 TO STA. 1633+00					



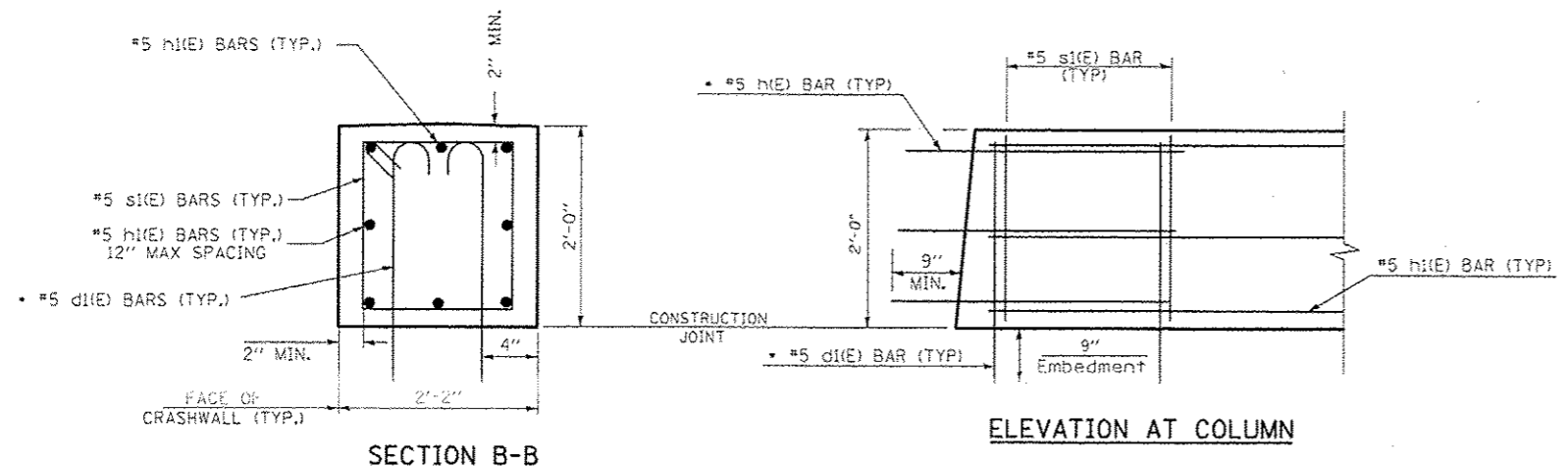
SECTION A-A

ELEVATION AT PIER 2



SECTION C-C

* EPOXY GROUT BARS IN 9" MIN. HOLES
ACCORDING TO ARTICLE 584 OF THE
STANDARD SPECIFICATIONS.



SECTION B-B

ELEVATION AT COLUMN



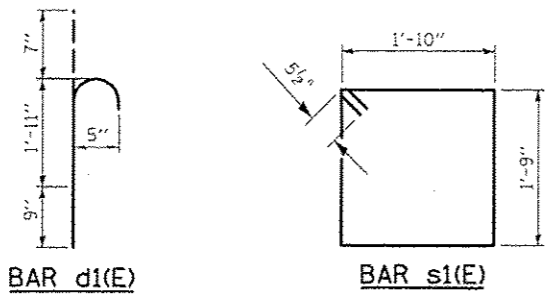
David Carl Puzey 1/26/16
Expires 1/30/16

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

THE COST OF EPOXY GROUTING BARS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

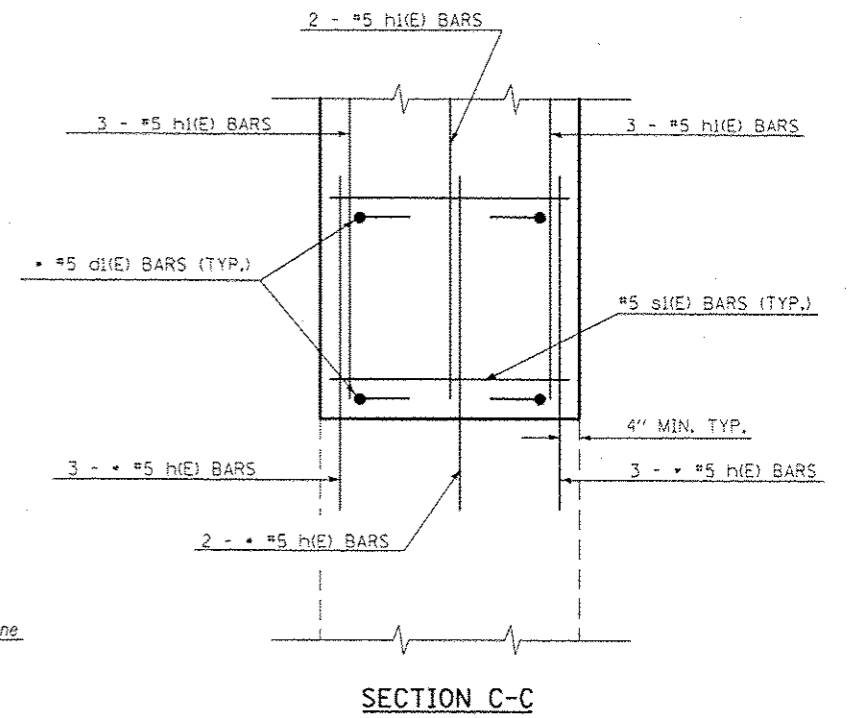
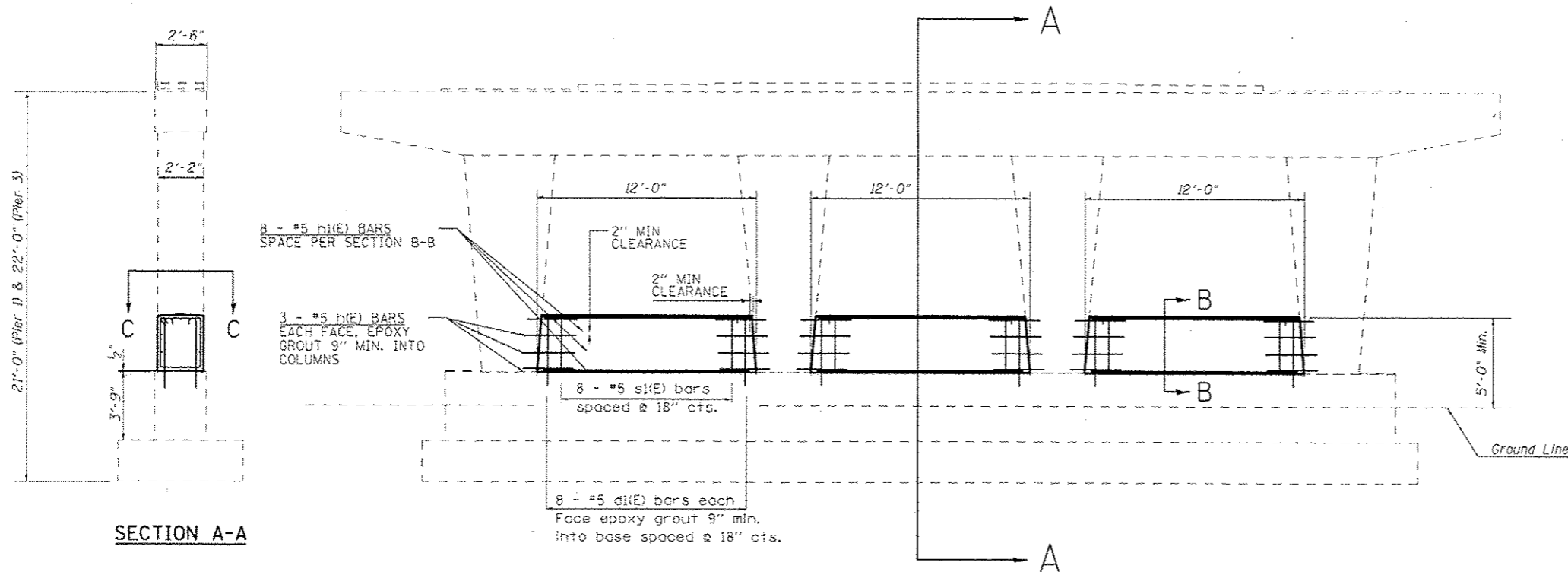
REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.



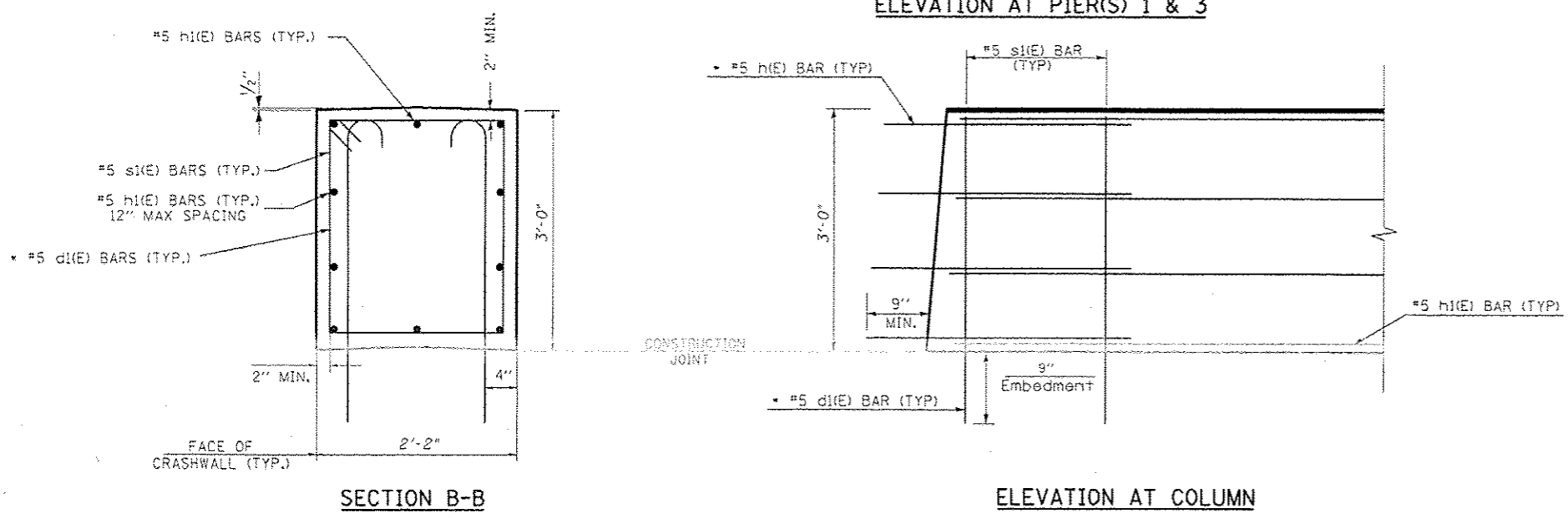
BAR d1(E)

BAR s1(E)

BILL OF MATERIALS PIER 2				
BAR	SHAPE	NO.	SIZE	LENGTH
d1(E)		48	#5	3'-3"
h(E)		48	#5	2'-9"
h1(E)		24	#5	11'-3"
s1(E)		24	#5	8'-1"
CONCRETE STRUCTURES	CU. YD.	7.0		
REINFORCEMENT BARS, EPOXY COATED	POUND	785.0		
PROTECTIVE COAT	SQ.YD.	24.0		



* EPOXY GROUT BARS IN 9" MIN. HOLES ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS.



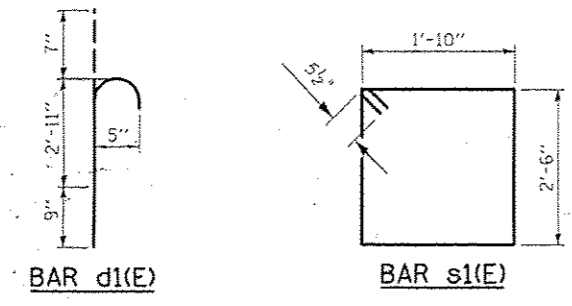
***BILL OF MATERIALS PIER(S) 1 & 3**

BAR	SHAPE	NO.	SIZE	LENGTH
d(E)		48	#5	3'-5"
h(E)		48	#5	2'-9"
h(E)		24	#5	11'-3"
s(E)		24	#5	8'-5"
CONCRETE STRUCTURES		CU. YD.	20.0	
REINFORCEMENT BARS, EPOXY COATED		POUND	1604.0	
PROTECTIVE COAT		SO.YD.	66.0	

** TOTAL 2 PIERS

TOTAL BILL OF MATERIALS

CONCRETE STRUCTURES	CU. YD.	27.0
REINFORCEMENT BARS, EPOXY COATED	POUND	2,389.0
PROTECTIVE COAT	SO.YD.	90.0



GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

THE COST OF EPOXY GROUTING BARS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

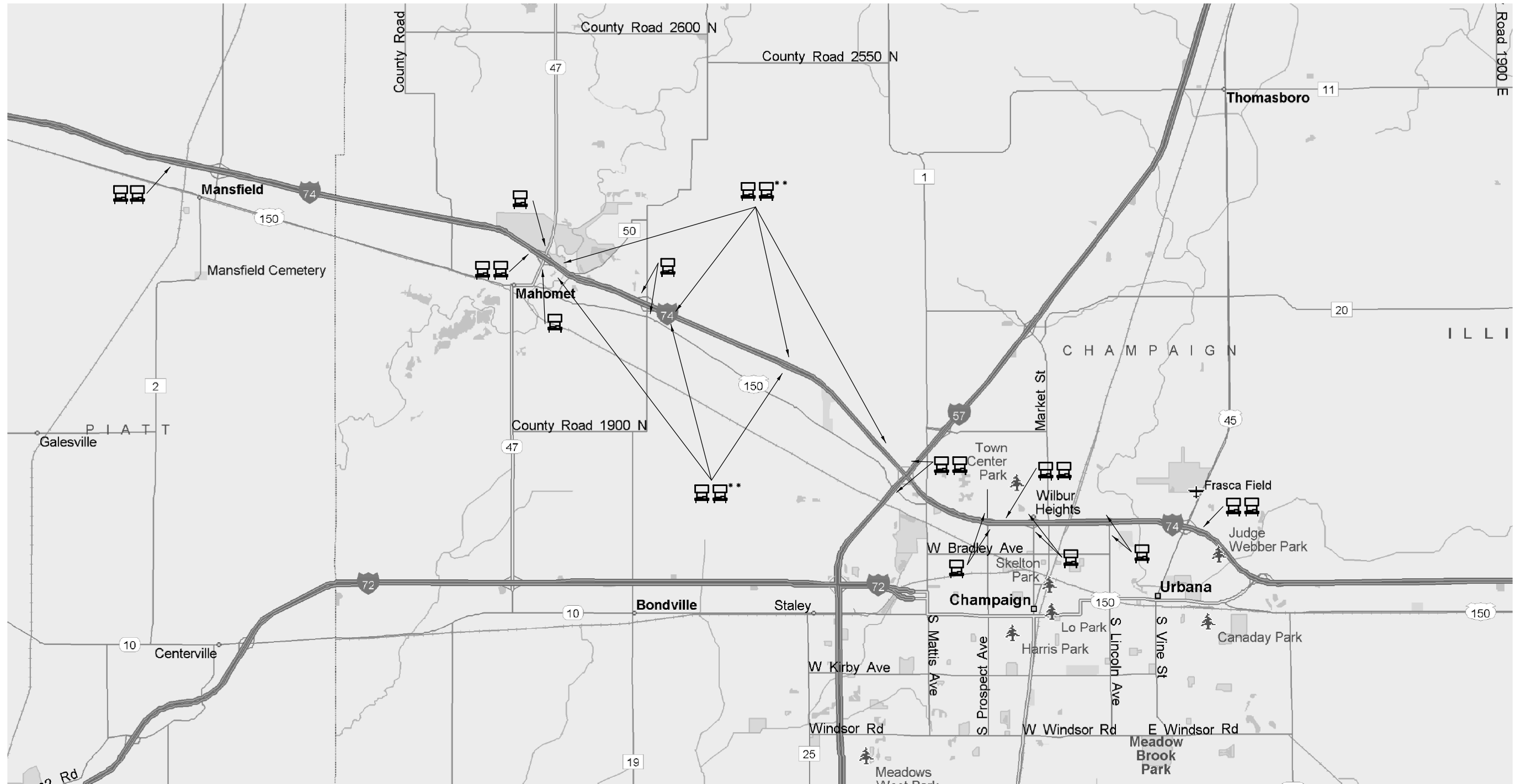
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CRASHWALL EXTENSION S.N. 010-0159

FILE NAME =	USER NAME = carrollt	DESIGNED - GMS	REVISED -
p:\L08\EB10NTEC\Illinois.gov\PI007\Documents\DOT Offices\District 5\Projects\057\DRAWING\Design\70765-details.sht		CHECKED -	REVISED -
PLOT SCALE = 48.0000 1/16"		DATE -	REVISED -
PLOT DATE = 12/17/2015			

SCALE: 1" = 5'	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	F.A.I. RTE. 74	SECTION (74,10-4-1,10-4,10-5)RS	COUNTY CHAMPAIGN	TOTAL SHEETS 109	SHEET NO. 51
							CONTRACT NO. 70765
ILLINOIS FED. AID PROJECT							

WORK ZONE SMART TRAFFIC MONITORING SYSTEM



 Dual Portable Changeable Message Signs*

 Single Portable Changeable Message Signs*

*Portable Changeable Message Signs shall be as described in the WORK ZONE SMART TRAFFIC MONITORING SYSTEM Special Provision.

** Placed at 2 Mile increments.

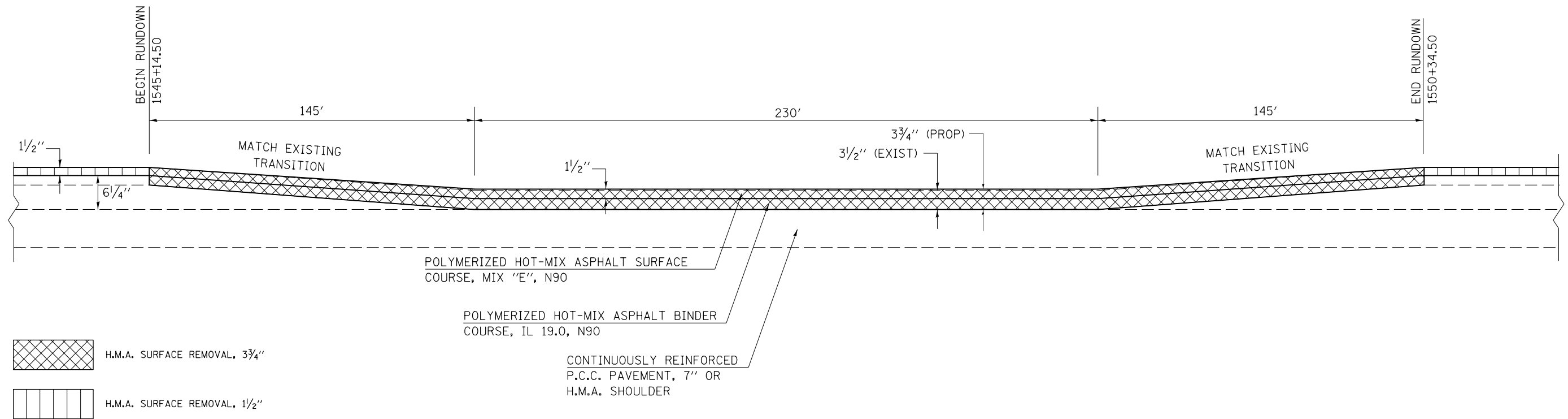
Note:

Additional Portable Changeable Message Signs (PCMSs) may be deployed on I-74, I-57, and/or US 150 as directed by the Engineer. These additional PCMSs shall be paid for at the contract unit price by Calendar Month for Portable Changeable Message Signs and shall meet the requirements set forth in the special provision for Work Zone Smart Traffic Monitoring System.

FILE NAME =	USER NAME = carrollrt	DESIGNED - RTC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SMART TRAFFIC MONITORING SYSTEM	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\work\084EBID\INTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0577\DRAWING\Design\0765-sh1-SWZ.dgn						74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	52
MODELNAME						CONTRACT NO. 70765				
PLOT SCALE = 40.0000' / in.		CHECKED - JWS	REVISED -	SCALE:		SHEET 1 OF 1 SHEETS STA. TO STA.				
PLOT DATE = 12/4/2015		DATE - 5/26/2015	REVISED -	ILLINOIS FED. AID PROJECT						

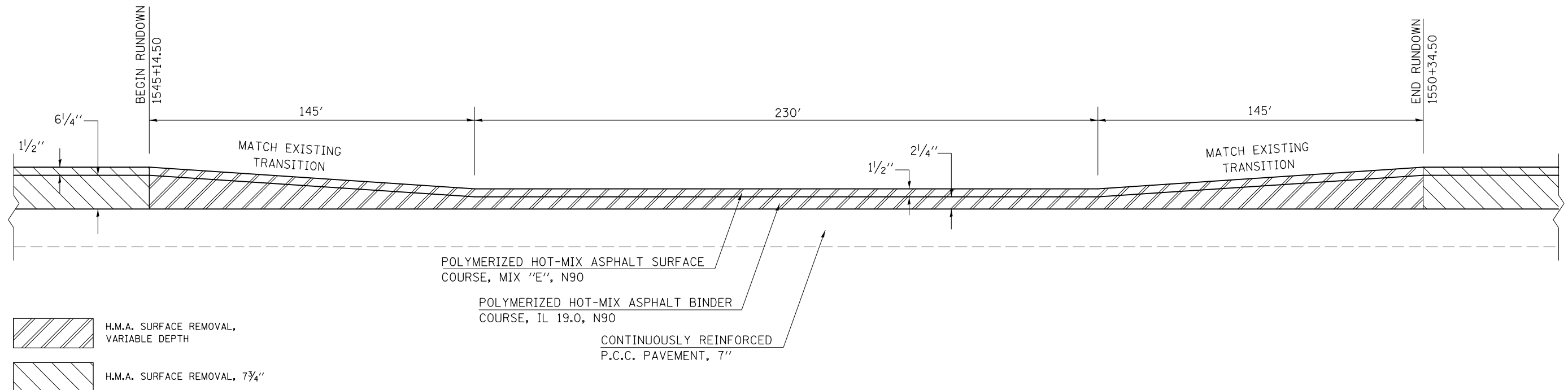
DETAIL OF MILLING & PAVING TRANSITION AT S.N. 010-0289

(EASTBOUND PASSING LANE)



DETAIL OF MILLING & PAVING TRANSITION AT S.N. 010-0289

(EASTBOUND DRIVING LANE)



FILE NAME =	USER NAME = corollrt	DESIGNED -	REVISED -
p:\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\05770765-details-sh.tbl		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/4/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

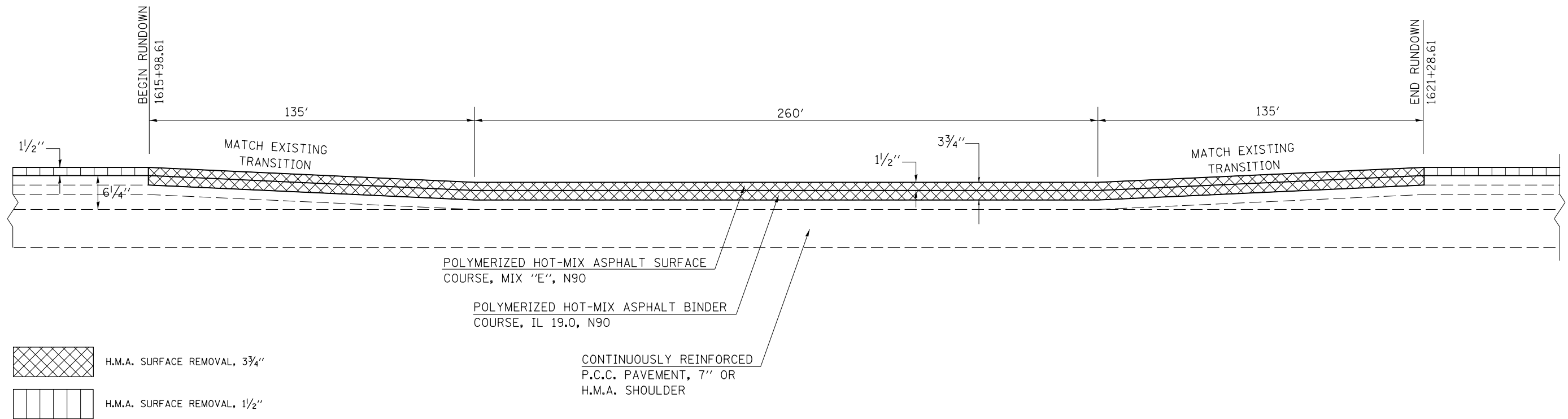
DETAIL OF MILLING AND PAVING TRANSITIONS
S.N. 010-0289

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	53
CONTRACT NO. 70765				
ILLINOIS FED. AID PROJECT				

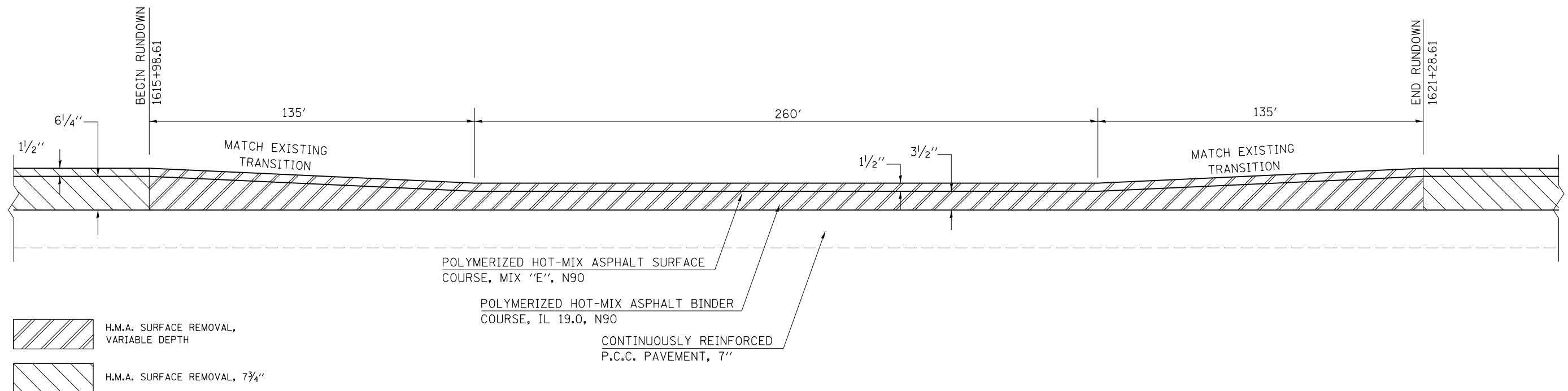
DETAIL OF MILLING & PAVING TRANSITION AT S.N. 010-0159

(EASTBOUND PASSING LANE)



DETAIL OF MILLING & PAVING TRANSITION AT S.N. 010-0159

(EASTBOUND DRIVING LANE)



FILE NAME =	USER NAME = corrollrt	DESIGNED -	REVISED -
p:\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\0577-0765-details-sh.tbl		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/4/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

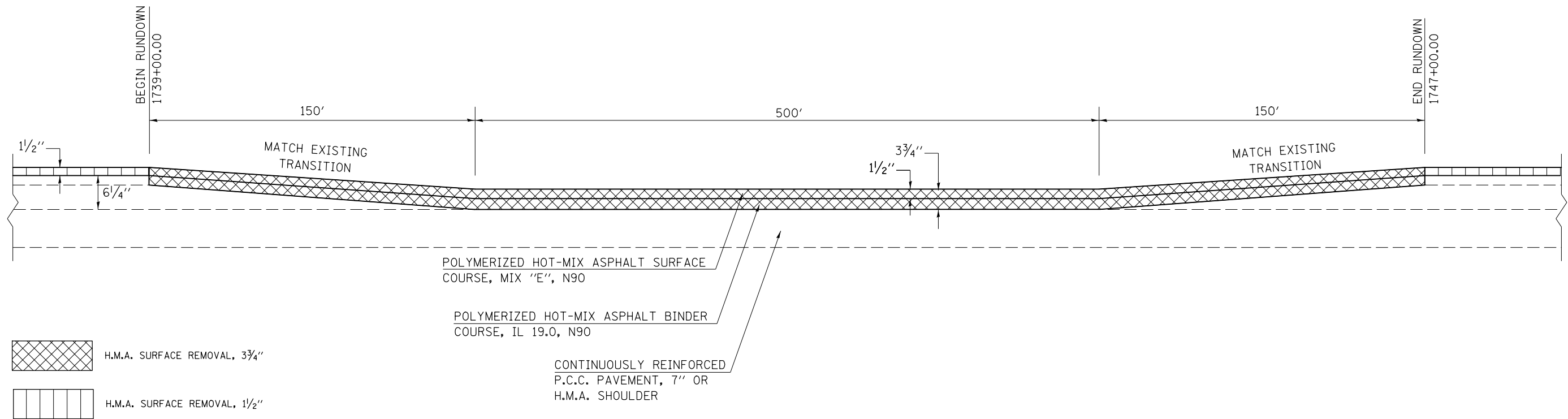
DETAIL OF MILLING AND PAVING TRANSITIONS
S.N. 010-0159

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	54
CONTRACT NO. 70765				
ILLINOIS FED. AID PROJECT				

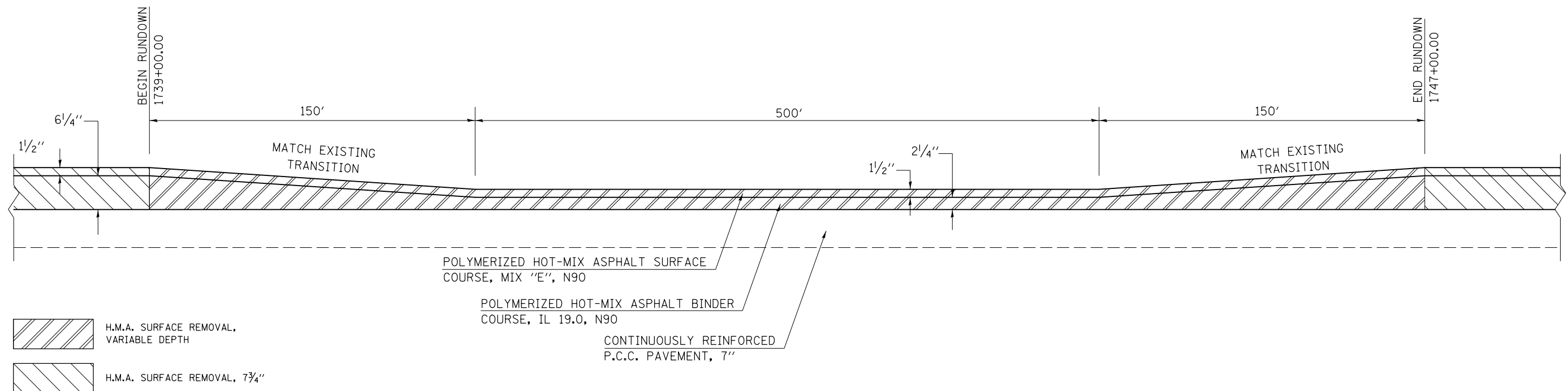
DETAIL OF MILLING & PAVING TRANSITION AT S.N. 010-0167

(EASTBOUND PASSING LANE)



DETAIL OF MILLING & PAVING TRANSITION AT S.N. 010-0167

(EASTBOUND DRIVING LANE)



FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
p:\11084EBID\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\0577-0765-details-sh.tbl		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/4/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF MILLING AND PAVING TRANSITIONS
S.N. 010-0167

SCALE: SHEET OF SHEETS STA. TO STA.

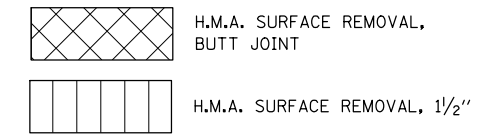
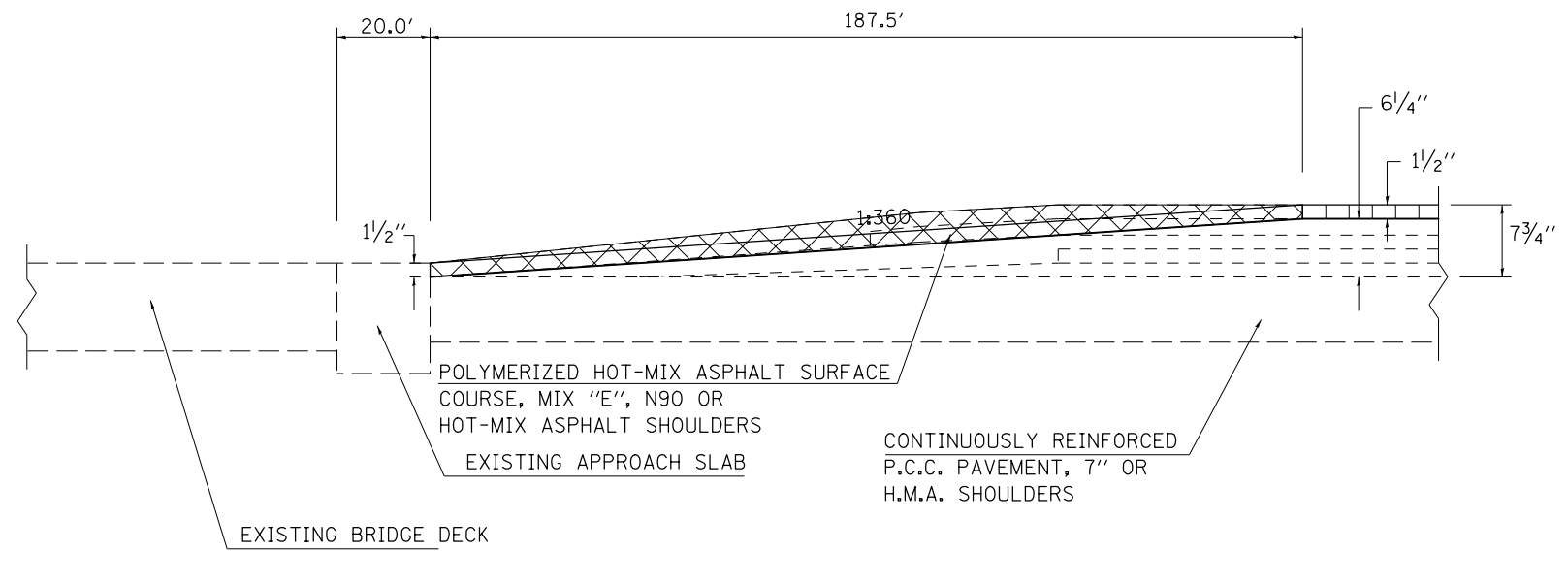
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	55
CONTRACT NO. 70765				
ILLINOIS FED. AID PROJECT				

DETAIL OF BUTT JOINTS

S.N. 010-0014 & S.N. 010-0015

S.N. 010-0016 & S.N. 010-0017

(PASSING LANE & SHOULDERS: APPROACH AND DEPARTURE ENDS)

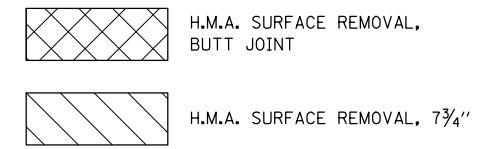
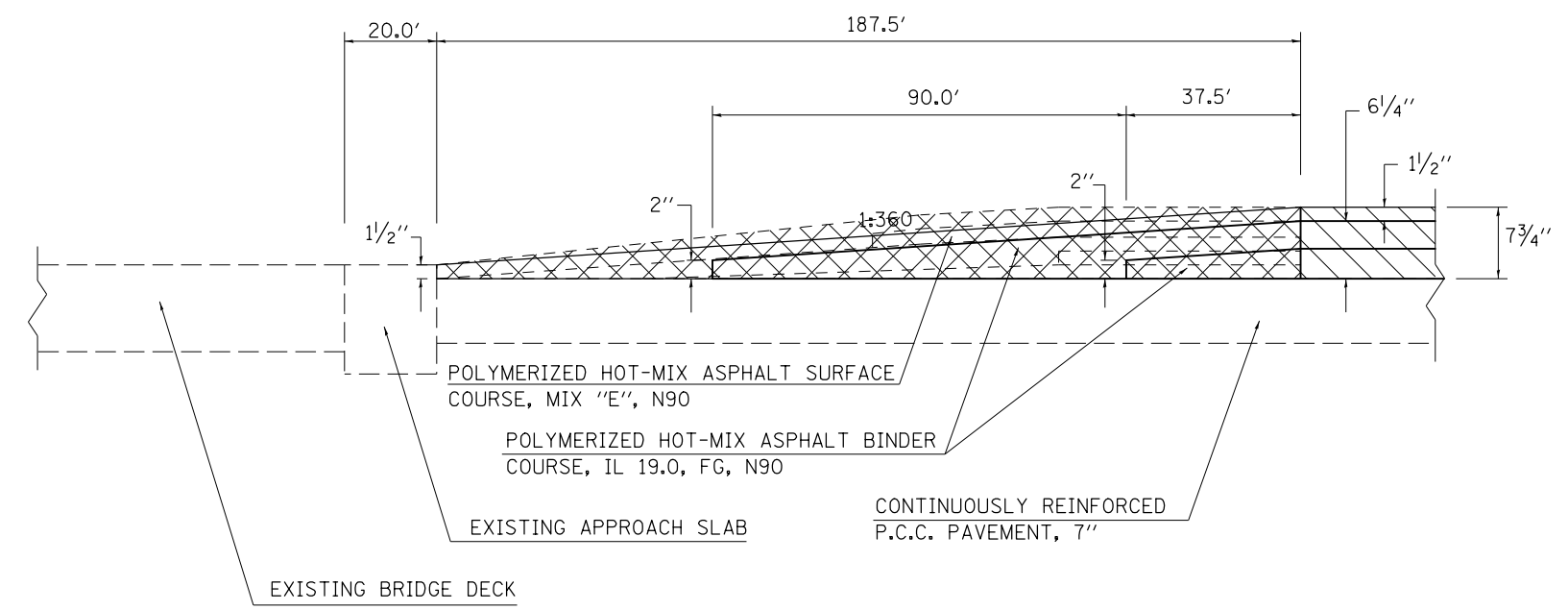


DETAIL OF BUTT JOINTS

S.N. 010-0014 & S.N. 010-0015

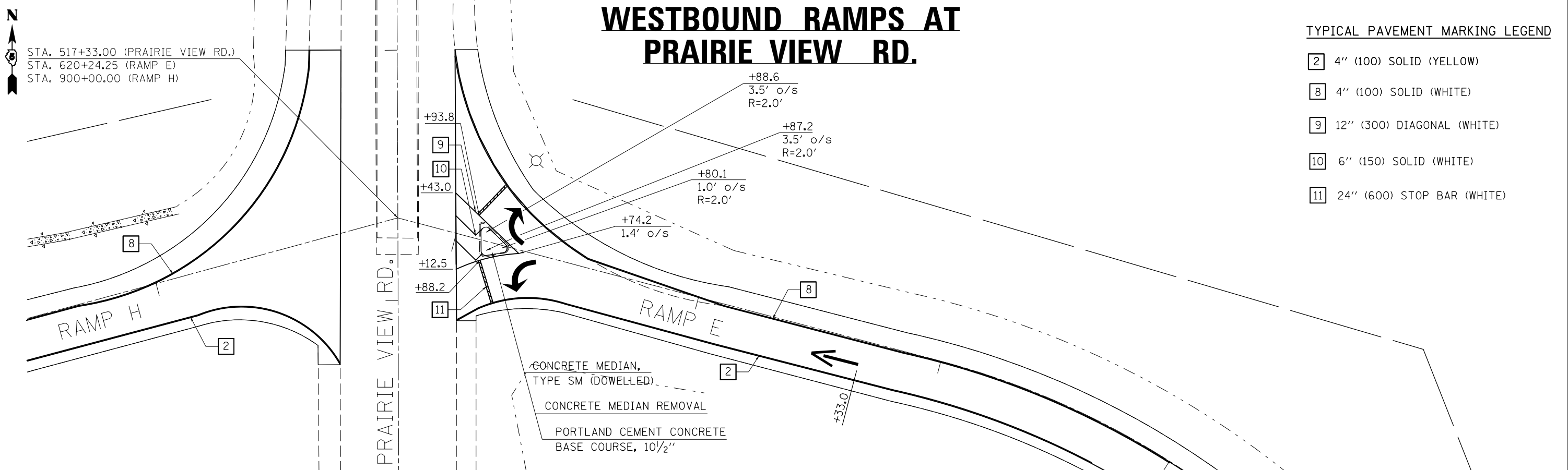
S.N. 010-0016 & S.N. 010-0017

(DRIVING LANE: APPROACH AND DEPARTURE ENDS)



FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF BUTT JOINTS S.N. 010-0014 & 010-0015	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\05797\Drawings\Design\0579765-details-sh.dwg	DRAWN	REVISED	REVISED			74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	56	
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70765					
	PLOT DATE = 12/4/2015	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO

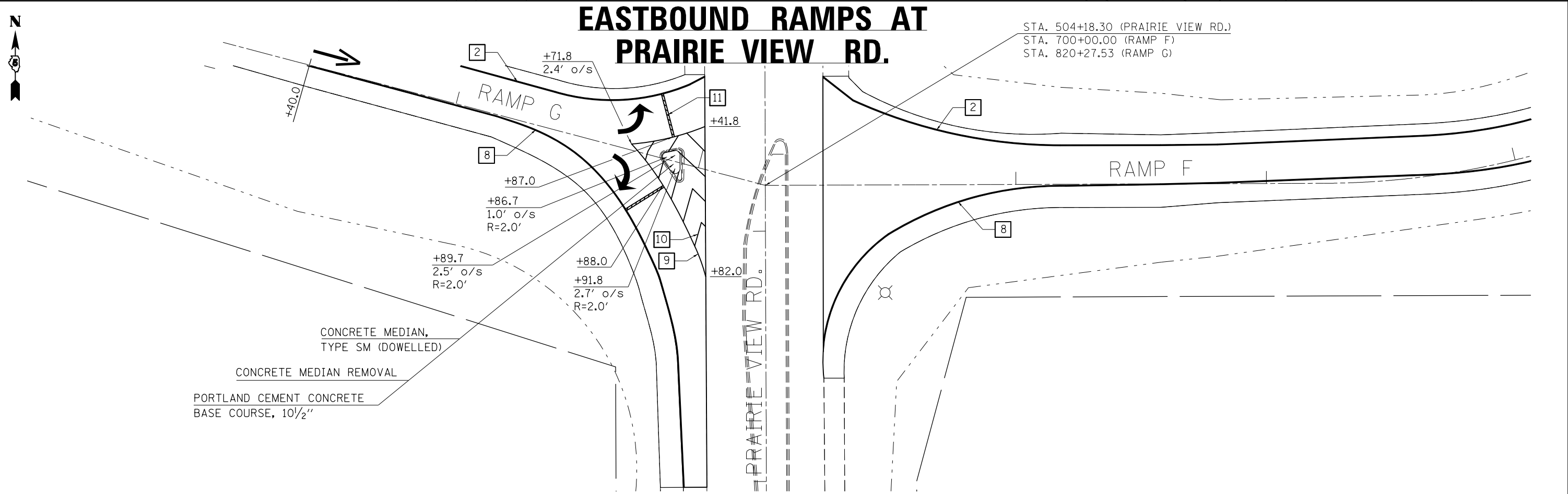
WESTBOUND RAMPS AT PRAIRIE VIEW RD.



TYPICAL PAVEMENT MARKING LEGEND

- 2 4" (100) SOLID (YELLOW)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

EASTBOUND RAMPS AT PRAIRIE VIEW RD.



FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
p:\11\084EBID\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0577\BROWD\data\Design\057765-details-sh.dwg		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/4/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

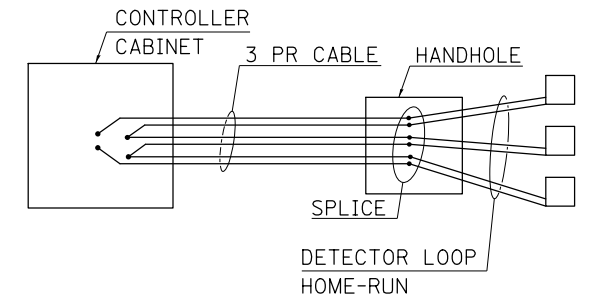
PRAIRIEVIEW ROAD INTERCHANGE
STRIPING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	57
CONTRACT NO. 70765				
ILLINOIS FED. AID PROJECT				

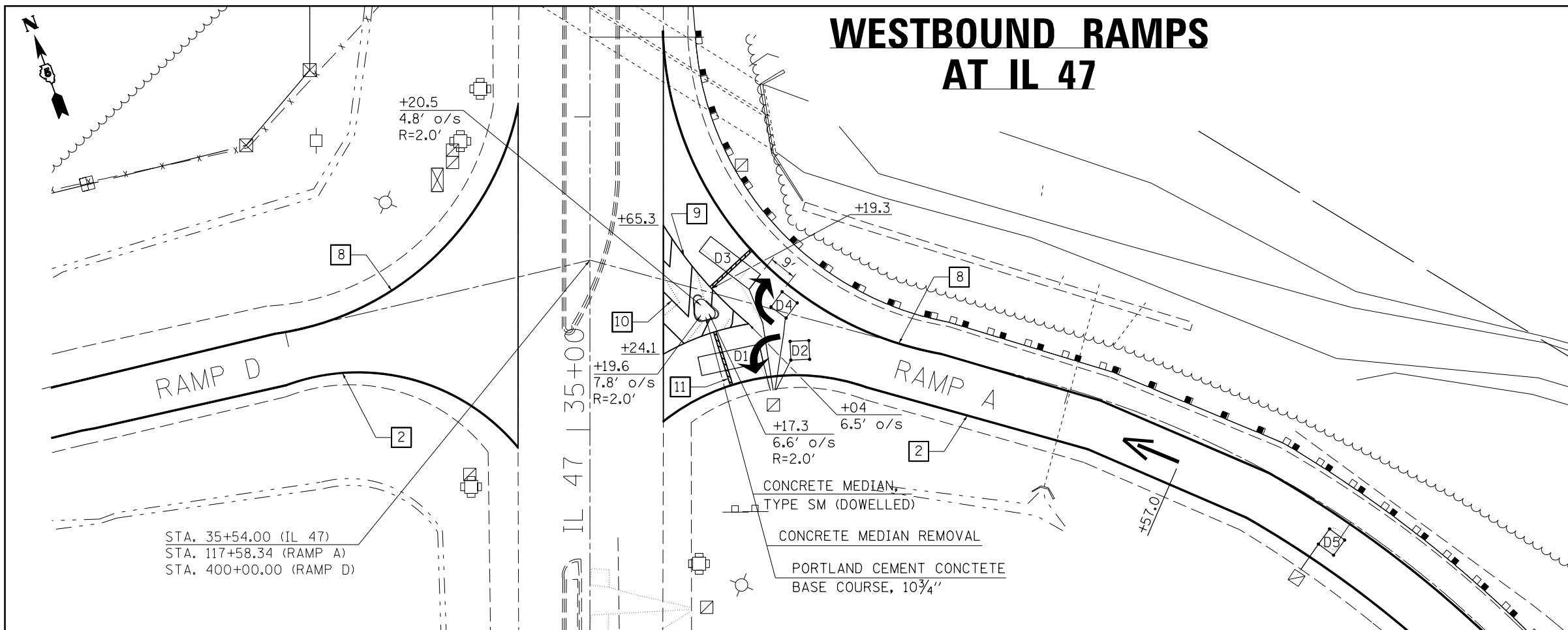
WESTBOUND RAMPS AT IL 47

DETAIL OF DETECTOR LOOP WIRING WIRED IN SERIES WITH MULTI-PAIR CABLE

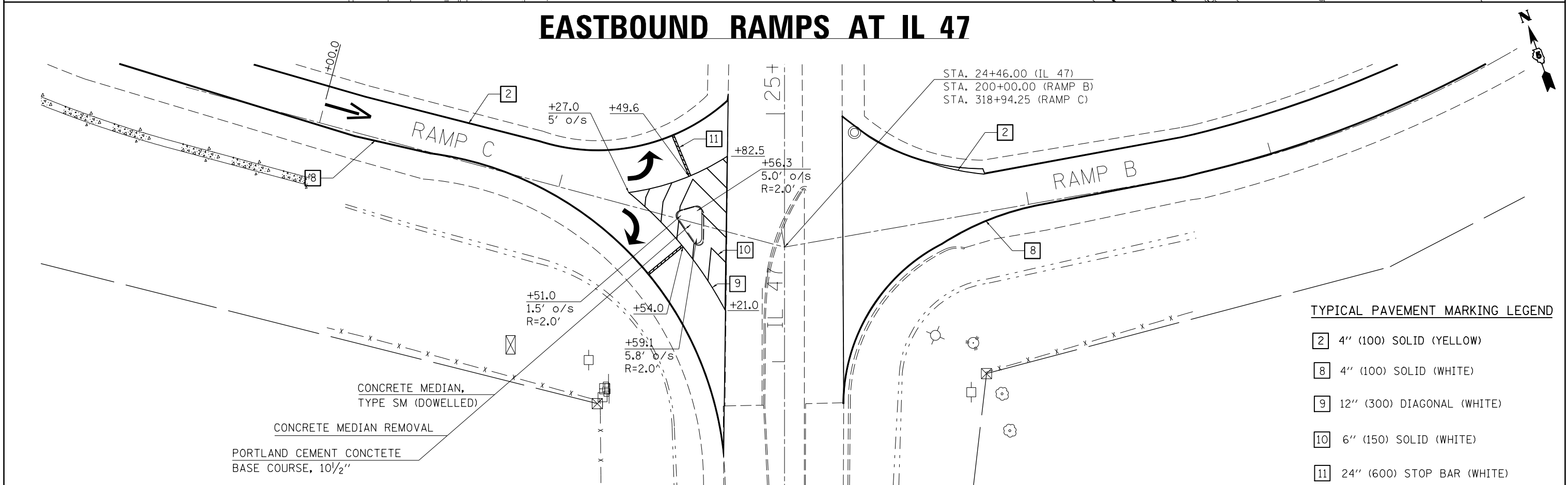


BILL OF MATERIALS				
CODE NO.	ITEM	FOOT		
88600100	DETECTOR LOOP, TYPE 1	239.0		
DETECTOR LOOP DATA				
IL 47 & I-74 WB EXIT RAMP				
LOOP	LENGTH	WIDTH	NO. OF TURNS	DELAY (SEC.)
D1	6'	20'	3	
D2	6'	6'	4	
D3	6'	15'	3	10
D4	6'	6'	4	10
D5	6'	6'	5	

THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1, A2), (A3, A4), (A5)



EASTBOUND RAMPS AT IL 47



TYPICAL PAVEMENT MARKING LEGEND

- 2 4" (100) SOLID (YELLOW)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)

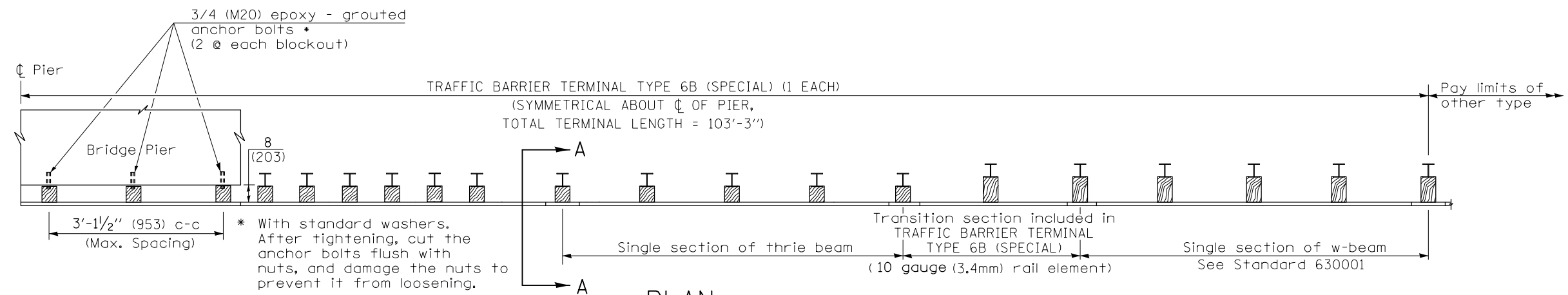
FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
p:\IL084EBID\INTEG.illinois.gov\PIDOT\Documents\IDOT Offices\District 5\Projects\0577\Drawings\Design\057765-details-shd		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/4/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

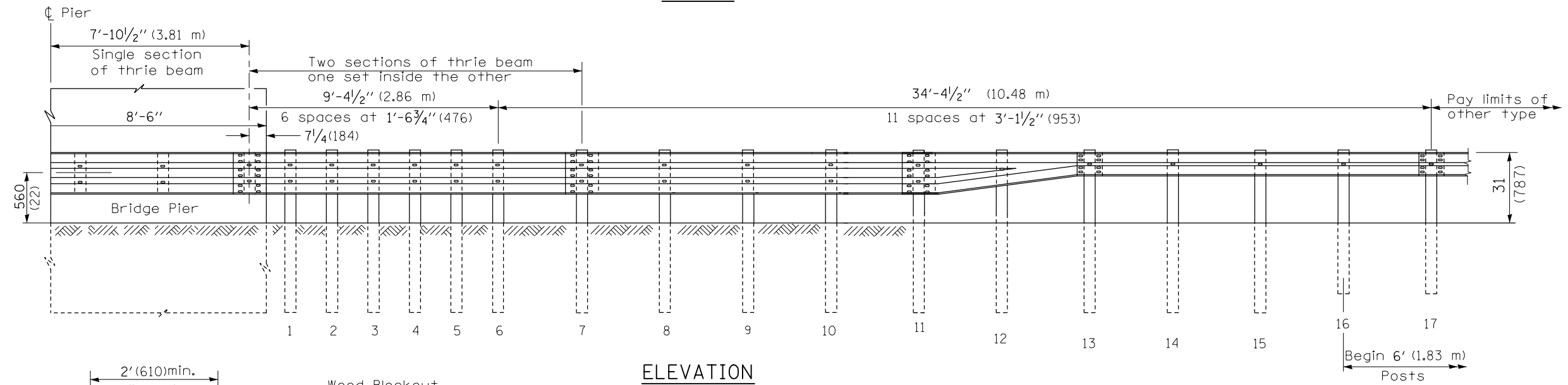
IL 47 INTERCHANGE
STRIPING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

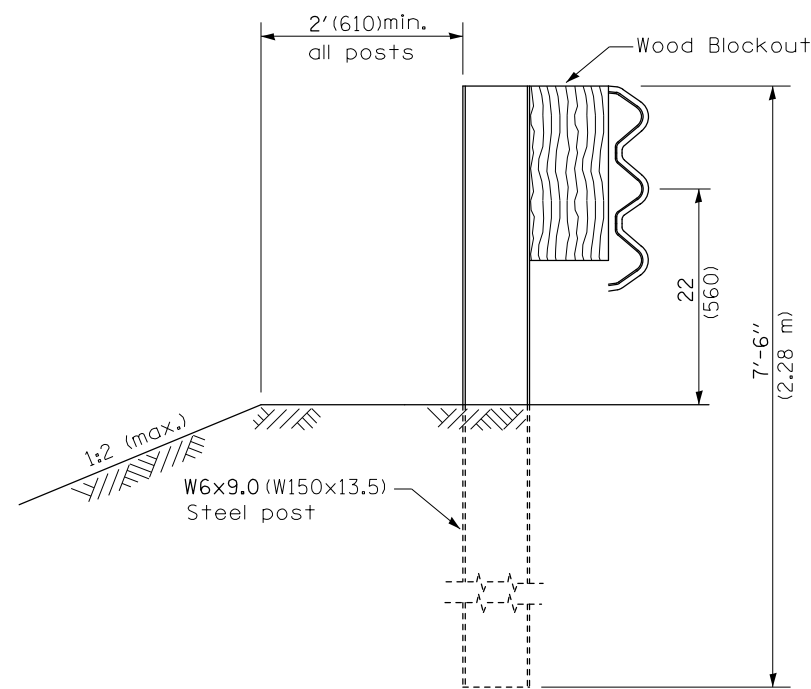
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	58
CONTRACT NO. 70765				
ILLINOIS FED. AID PROJECT				



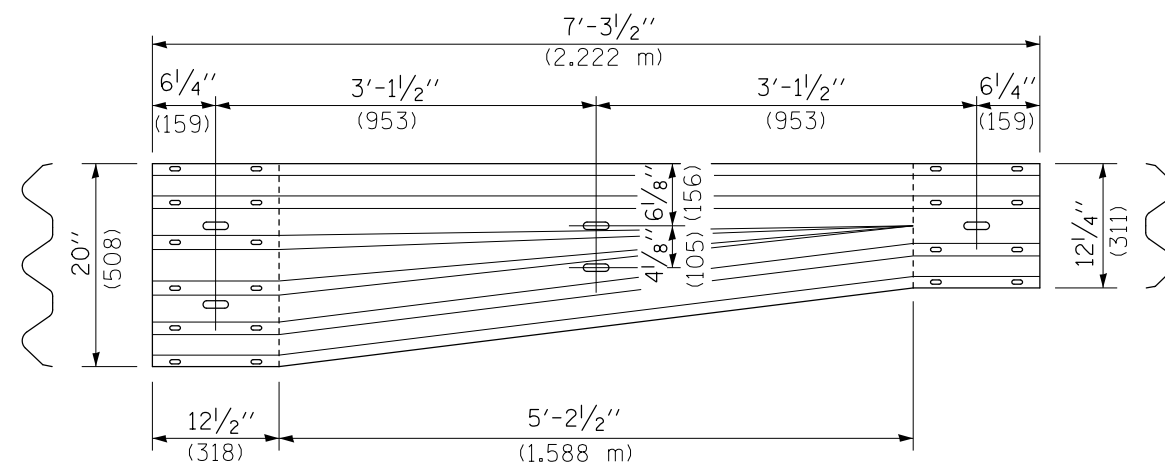
PLAN



ELEVATION



SECTION A-A

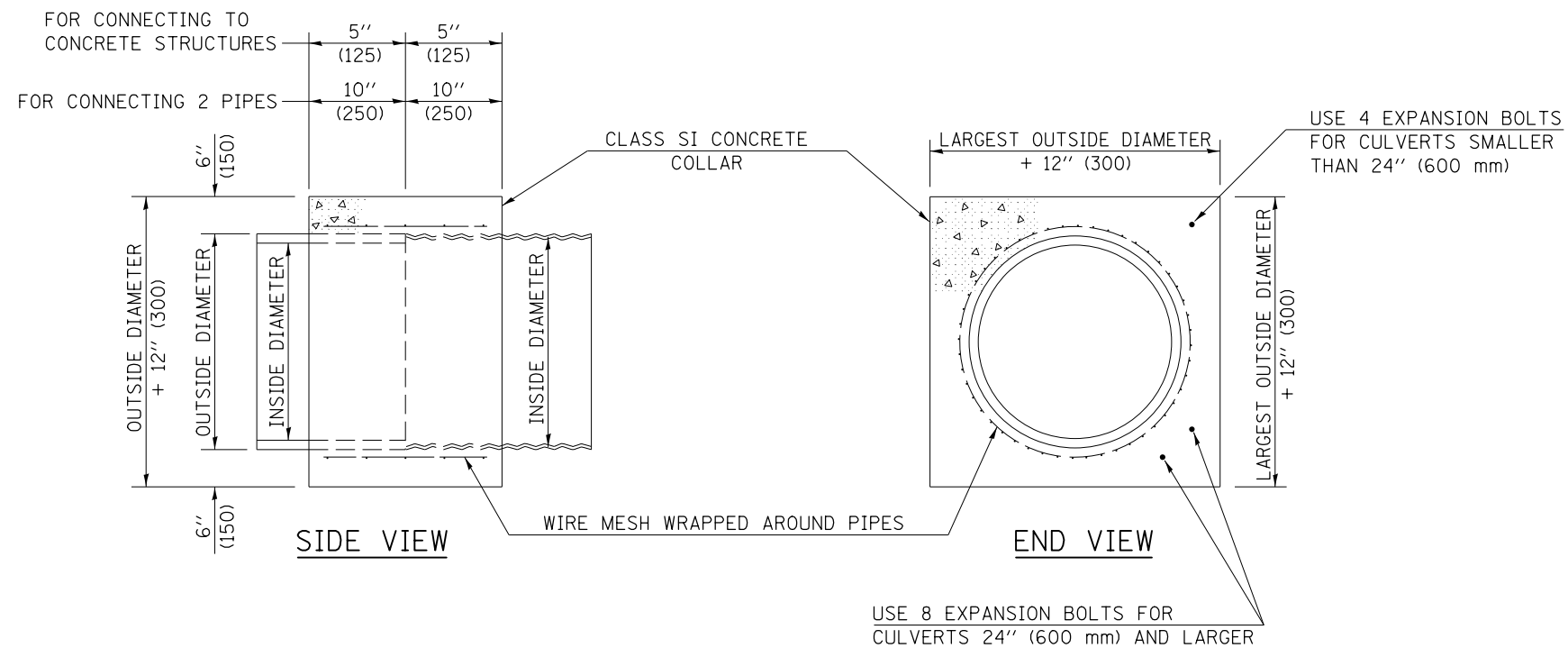


TRANSITION SECTION

GENERAL NOTES

- See Standard 630001 for details of guardrail not shown.
- Thrie beam rail shall be bolted to block-out at all posts.
- All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
- All dimensions are in millimeters (inches) unless otherwise shown.
- Refer to Standard 631033 for details and dimensions not shown.

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC BARRIER TERMINAL TYPE 6B (SPECIAL)			F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579765-details-sh.dwg	DRAWN -	REVISED -	74					(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	60	
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 70765				
	PLOT DATE = 12/4/2015	DATE -	REVISED -					SCALE:	SHEET	OF	SHEETS	STA.



GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m²).
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.
5. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, PER CUBIC YARD (CUBIC METER), FOR CONCRETE COLLARS INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.

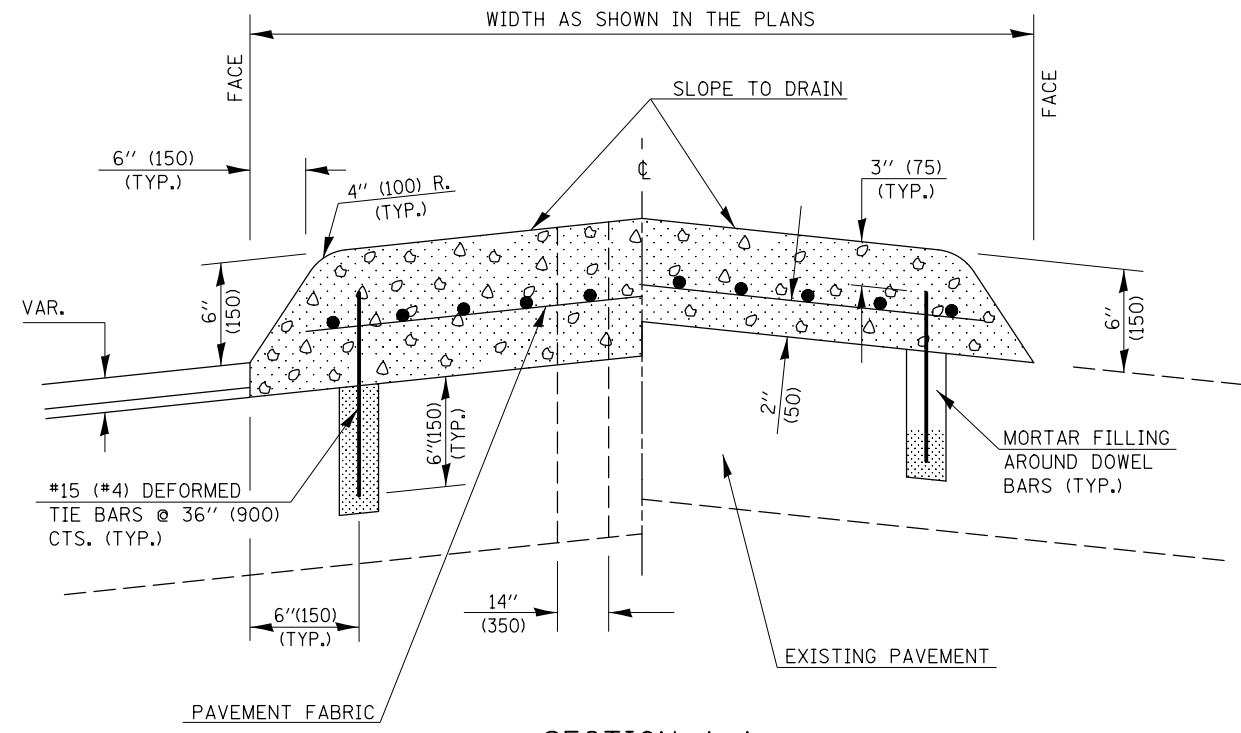
QUANTITIES FOR CONCRETE PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.14 (0.11)
6" (150)	0.16 (0.12)
8" (200)	0.19 (0.14)
10" (250)	0.22 (0.17)
12" (300)	0.25 (0.19)
15" (375)	0.30 (0.23)
18" (450)	0.35 (0.27)
24" (600)	0.45 (0.35)
30" (750)	0.57 (0.43)
36" (900)	0.69 (0.53)
42" (1050)	0.83 (0.63)
48" (1200)	0.97 (0.74)
54" (1350)	1.12 (0.86)
60" (1500)	1.28 (0.98)

QUANTITIES FOR METAL PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.12 (0.09)
6" (150)	0.14 (0.11)
8" (200)	0.16 (0.12)
10" (250)	0.19 (0.14)
12" (300)	0.21 (0.16)
15" (375)	0.25 (0.19)
18" (450)	0.29 (0.22)
24" (600)	0.38 (0.29)
30" (750)	0.47 (0.36)
36" (900)	0.59 (0.45)
42" (1050)	0.69 (0.53)
48" (1200)	0.81 (0.62)
54" (1350)	0.93 (0.71)
60" (1500)	1.05 (0.81)

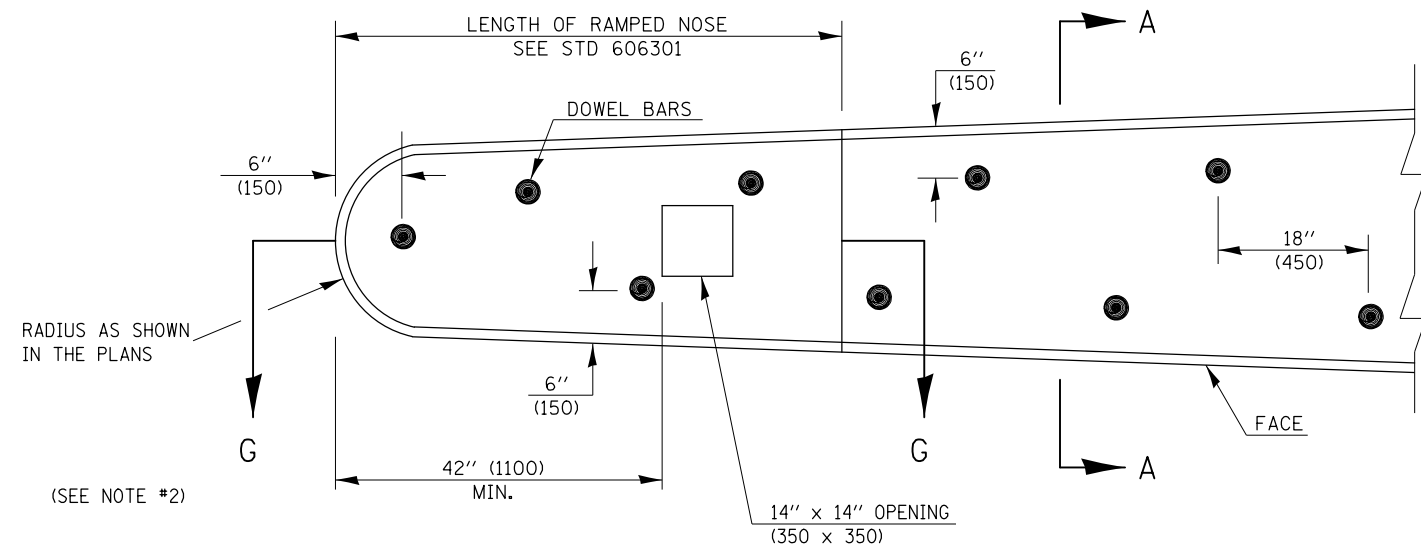
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 54248510

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED - 12/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE COLLAR			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579-0765-details-shd	DRAWN -	CHECKED -	REVISED -					74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	61
PLOT SCALE = 48.0000' / in.	DATE -	REVISI	REVISI		CONTRACT NO. 70765							
PLOT DATE = 12/4/2015	DATE -	REVISI	REVISI		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



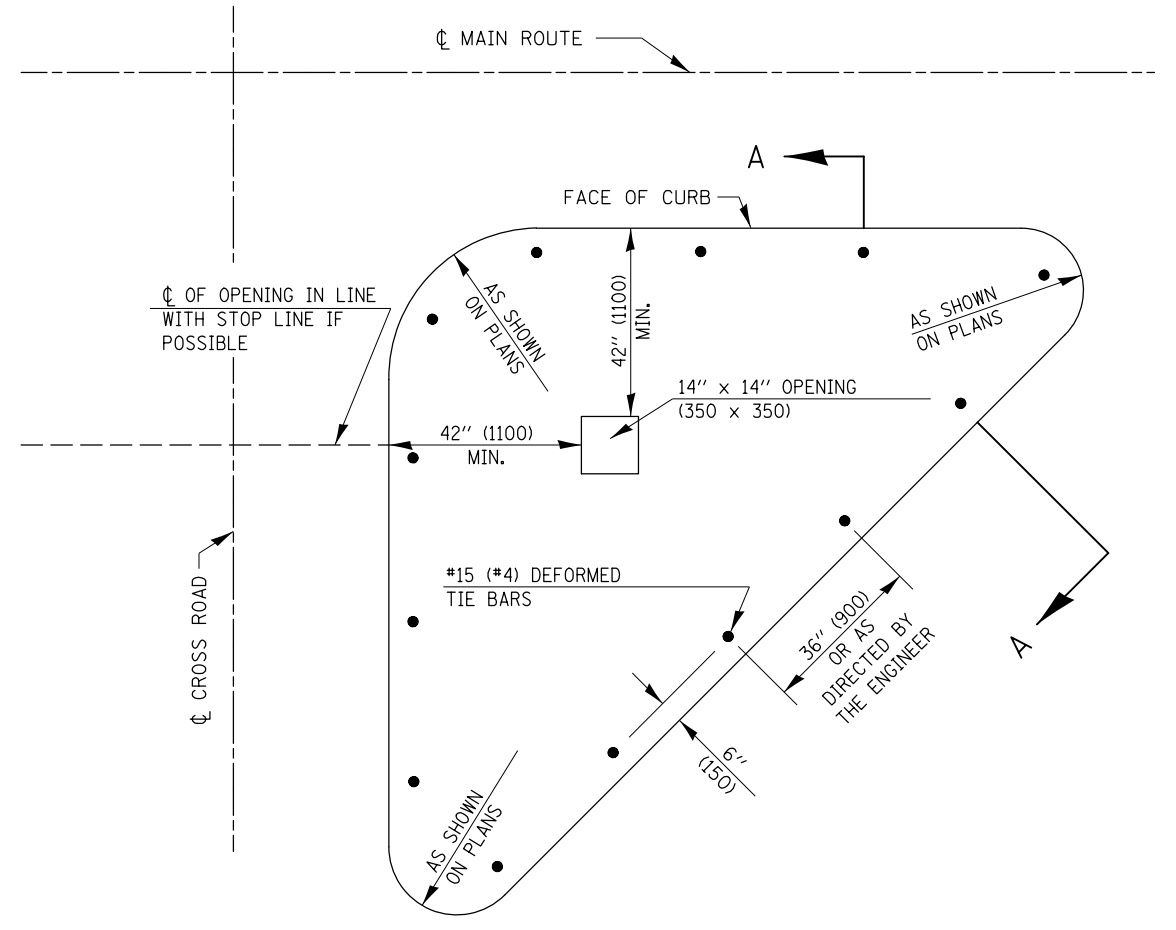
SECTION A-A



PLAN OF MEDIAN

GENERAL NOTES

1. THE GENERAL NOTES FOR STANDARD 606301 SHALL APPLY.
2. DOWEL BARS @ 36" (900) CTS. OR AS DIRECTED BY THE ENGINEER.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ FOOT (m²) FOR CONCRETE MEDIAN, TYPE SM (DOWELLED), INCLUDING THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, MORTAR FILLING, PAVEMENT FABRIC AND THE REMOVAL AND DISPOSAL OF THE EXISTING PAVEMENT FOR THE 14" x 14" (350 x 350) OPENING, IF REQUIRED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



PLAN OF CORNER ISLAND

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

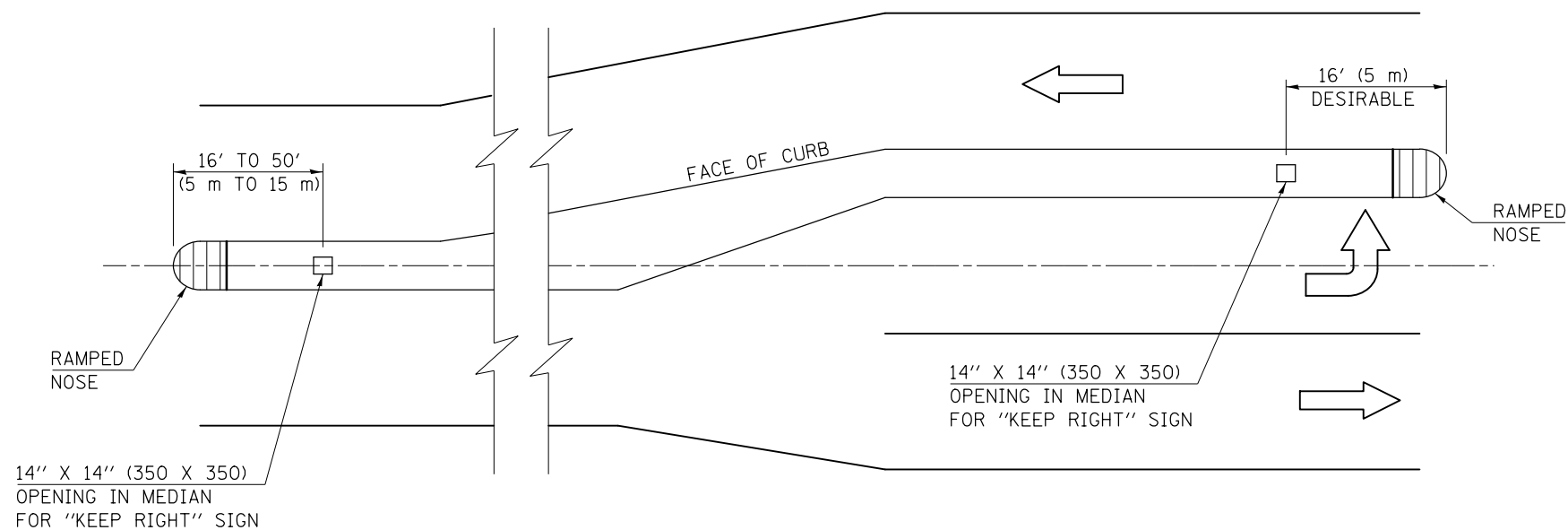
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		CHECKED -	REVISED - 07/14 - JWS
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONCRETE MEDIAN, TYPE SM (DOWELLED)

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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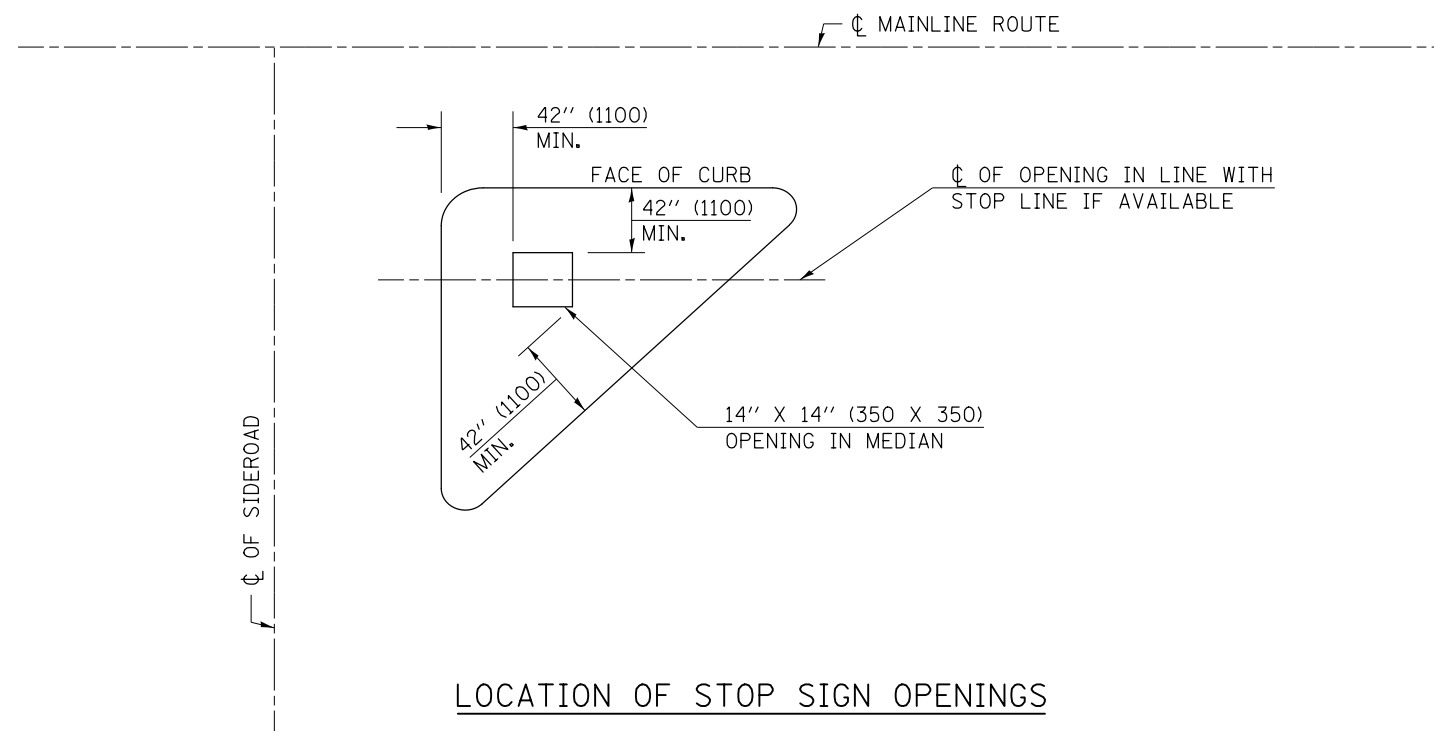
DISTRICT 5 DETAIL NO. 60622354				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	62
CONTRACT NO. 70765				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LOCATION OF OPENINGS FOR "KEEP RIGHT" SIGNS

GENERAL NOTES

1. ALL SMALL ISLANDS SHALL BE CONSTRUCTED WITH THE STOP SIGN ISLANDS AS SHOWN, UNLESS OTHERWISE SPECIFIED.
2. OPENINGS FOR SIGNS IN MEDIANS SHALL BE AS SHOWN OR AS DIRECTED BY THE ENGINEER.
3. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE TYPE OF MEDIAN SPECIFIED IN THE PLANS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



LOCATION OF STOP SIGN OPENINGS

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 60623711

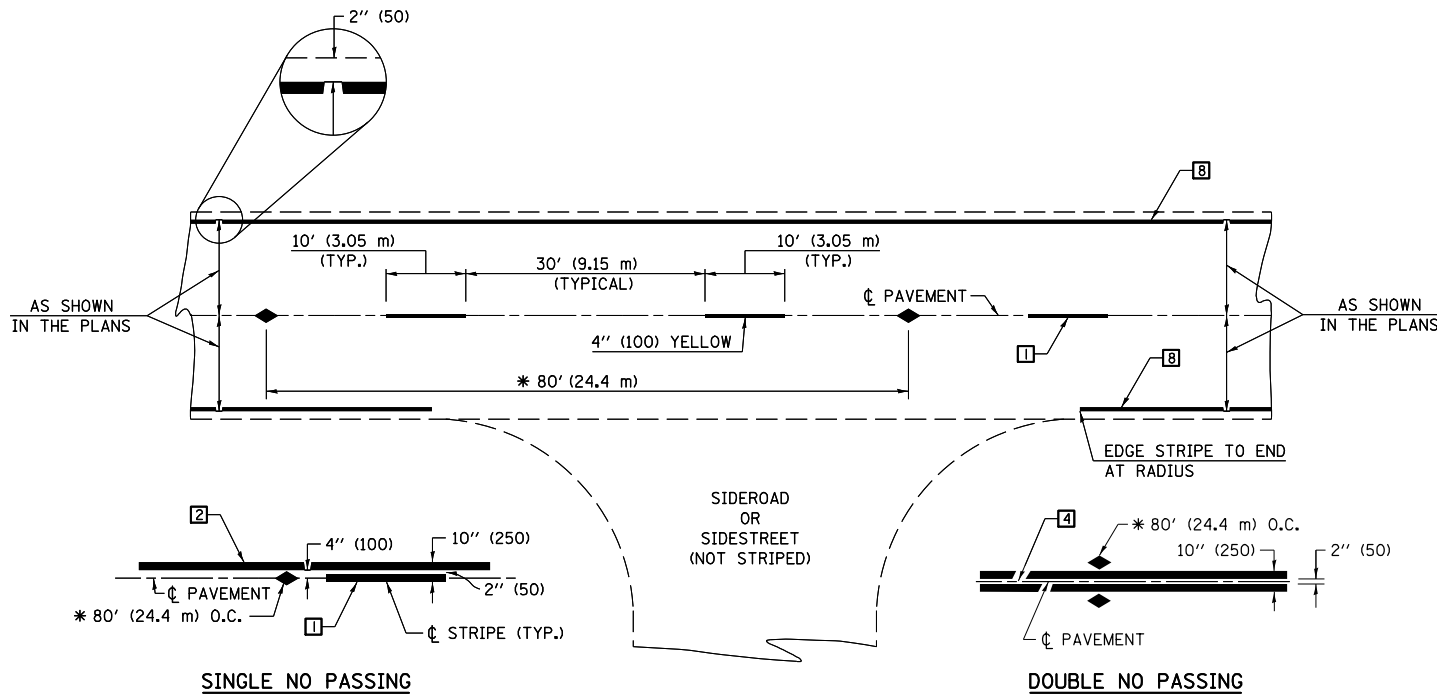
FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED - 11/06
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0577\BROWND\Design\057765-details-sh.dwg		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/4/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN POST BLOCKOUTS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	63
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70765	



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

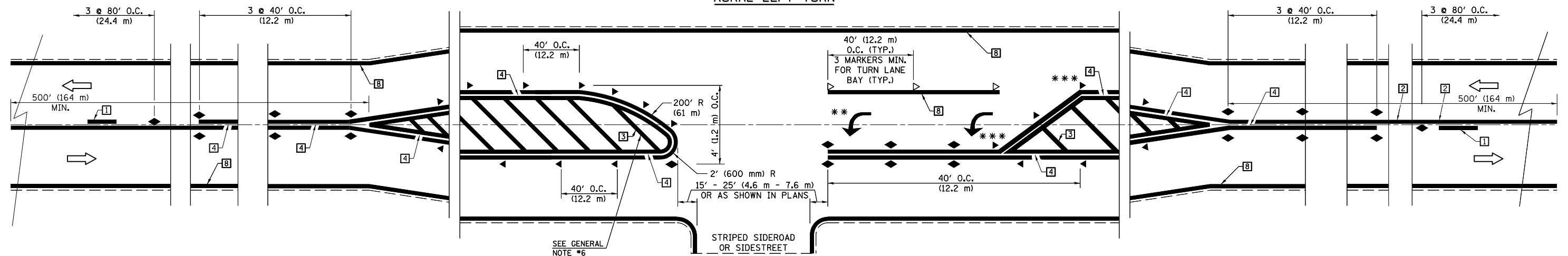
TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED - 11/06
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\0577-0765-details-sh.dwg		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 - JLA
	PLOT DATE = 12/4/2015	DATE -	REVISED -

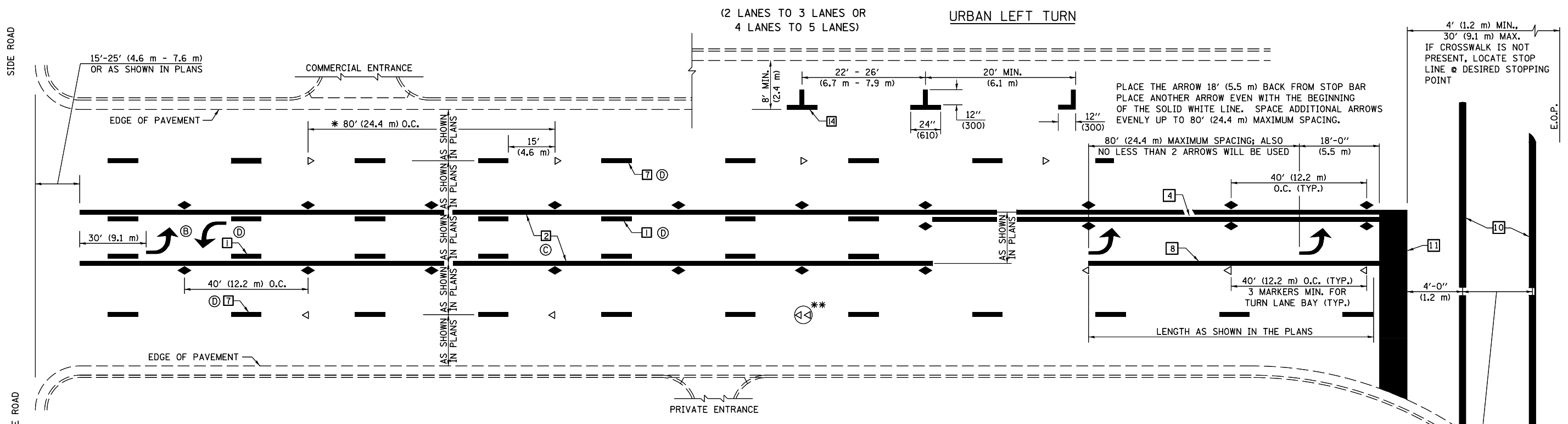
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA

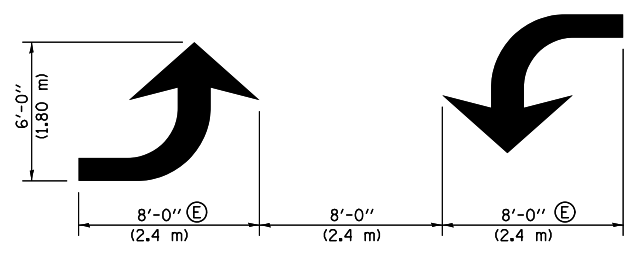
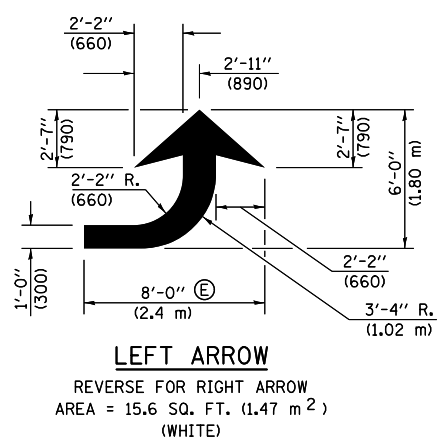
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	64
CONTRACT NO. 70765				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

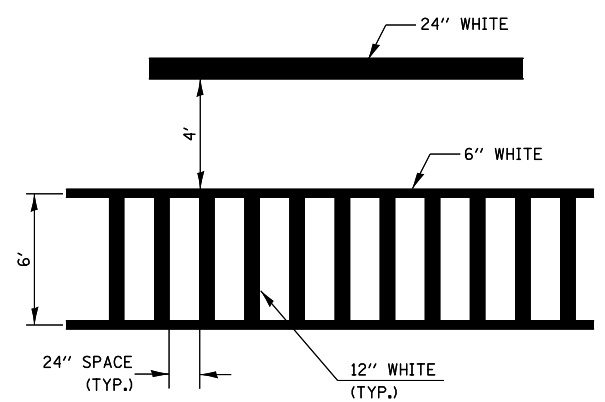
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

- GENERAL NOTES:**
- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
 - ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
 - ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
 - ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)

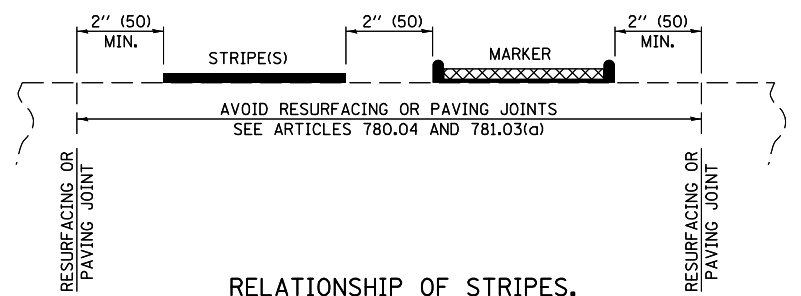


TYPICAL DOUBLE TURN ARROWS (WHITE)

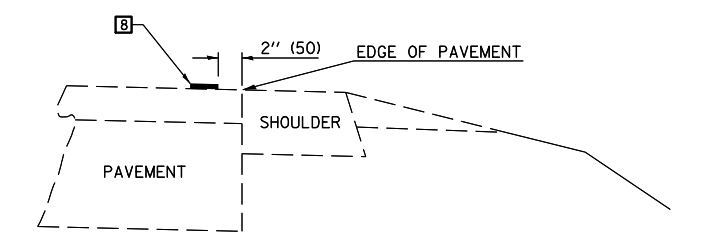
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

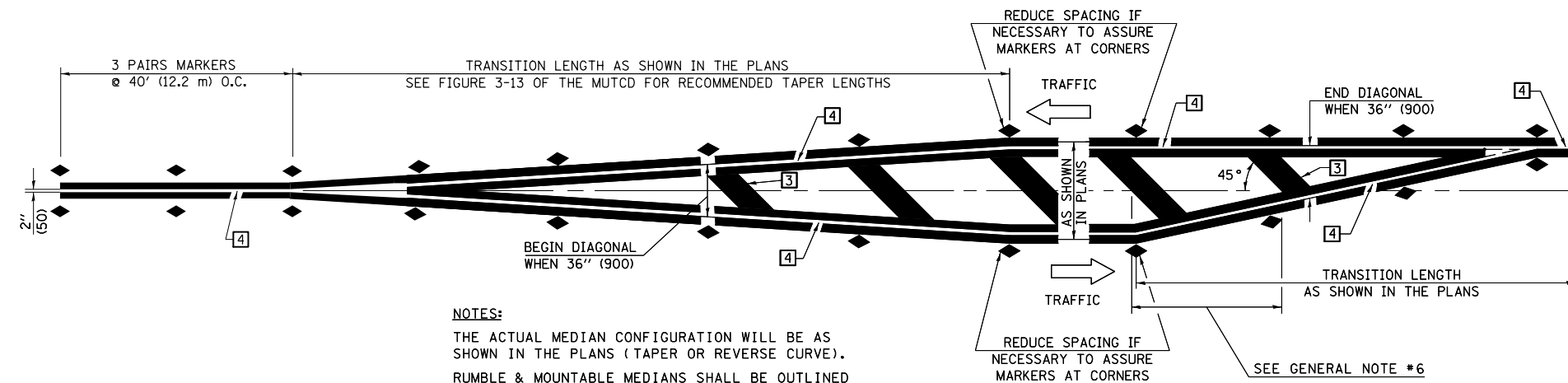


RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\057765-details-shld	DRAWN	REVISOR	REVISOR			74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	65
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISOR	REVISOR			CONTRACT NO. 70765				
PLOT DATE = 12/4/2015	DATE -	REVISOR	REVISOR			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

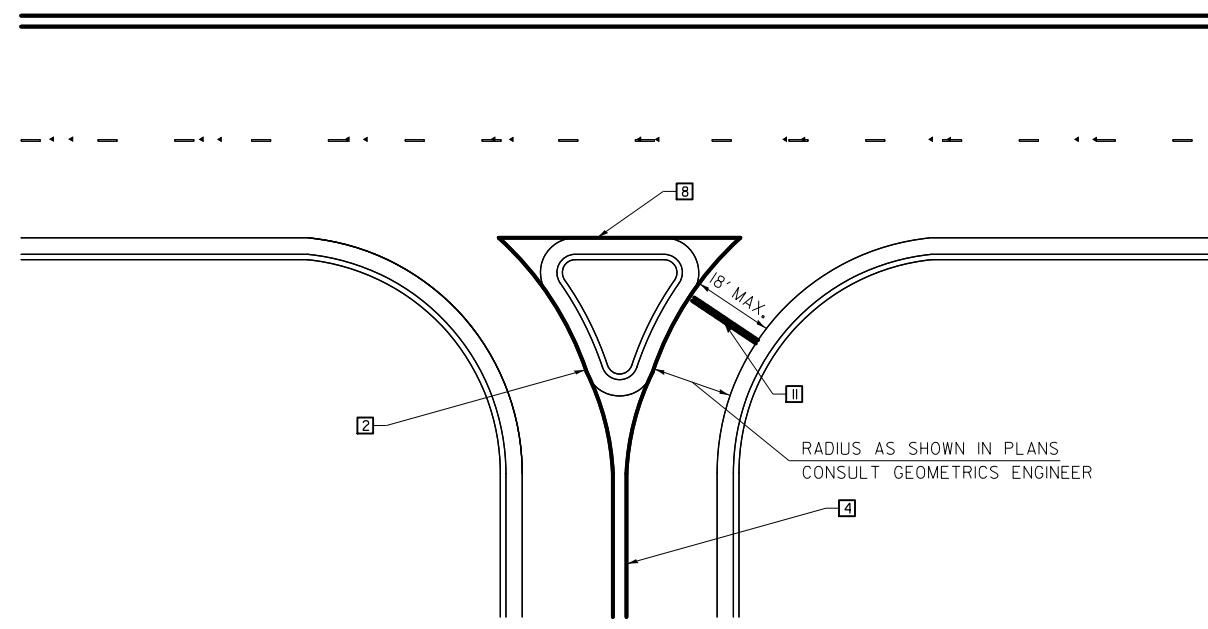


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

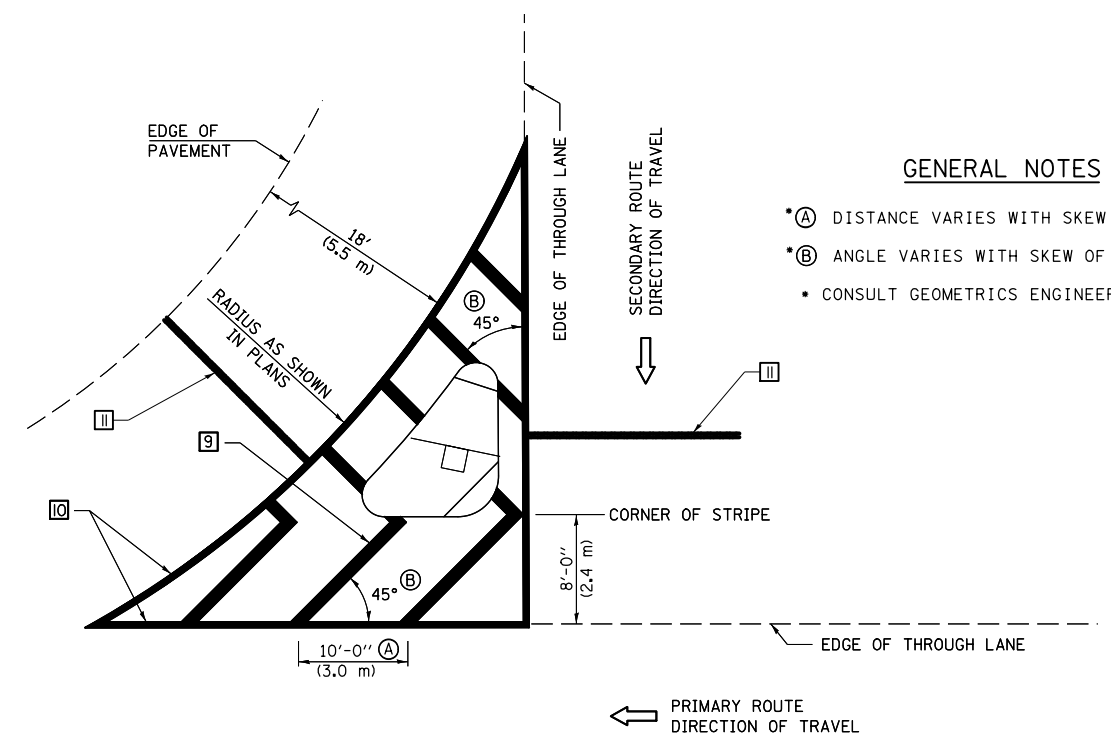
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

- (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAA

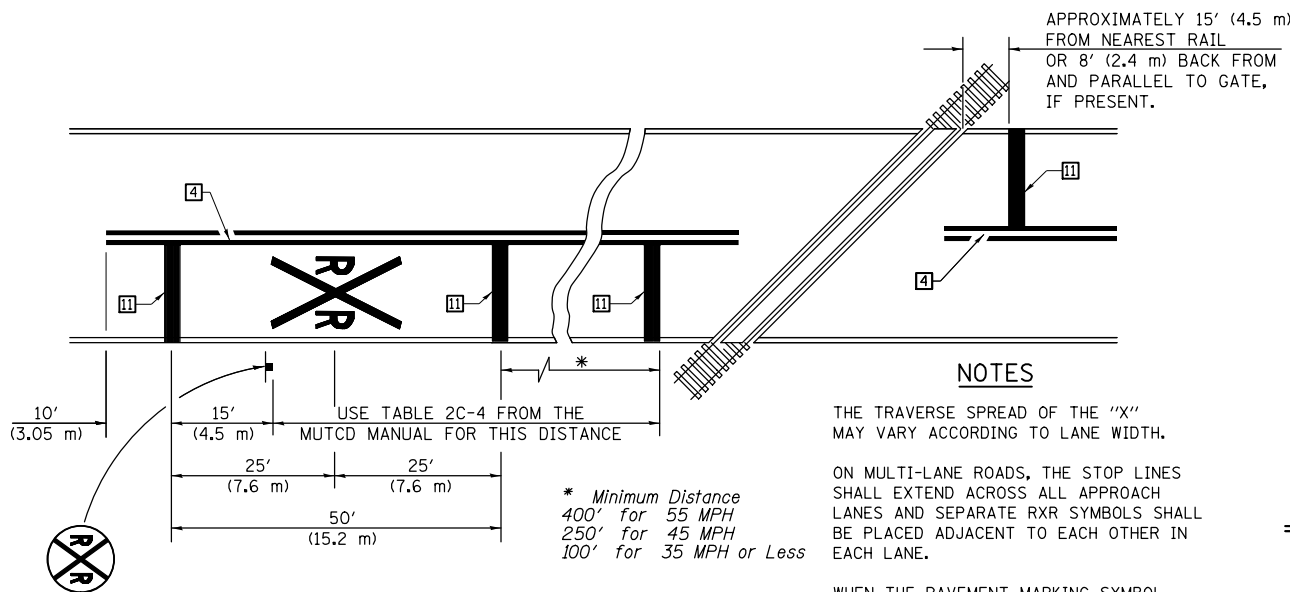
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	PLOT DATE = 12/4/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	66
CONTRACT NO. 70765				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

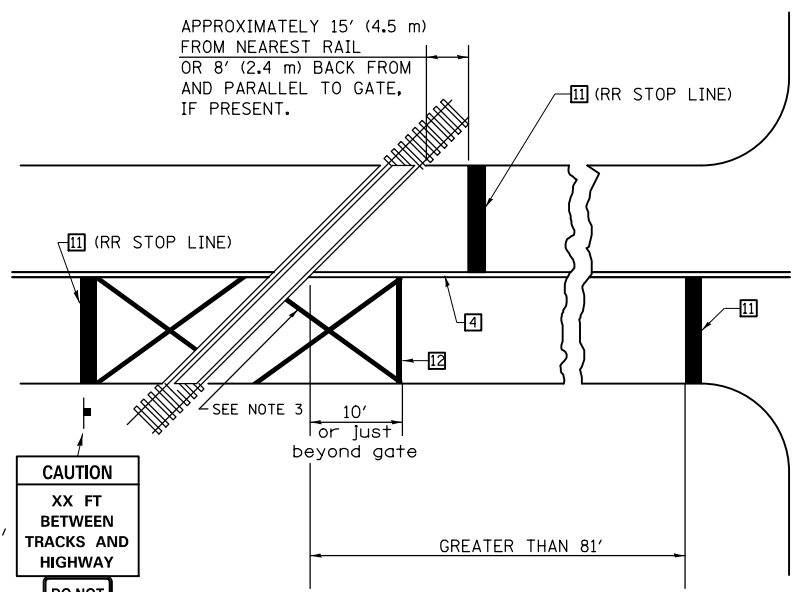
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

RAILROAD CROSSING WITH INTERCONNECT ONLY



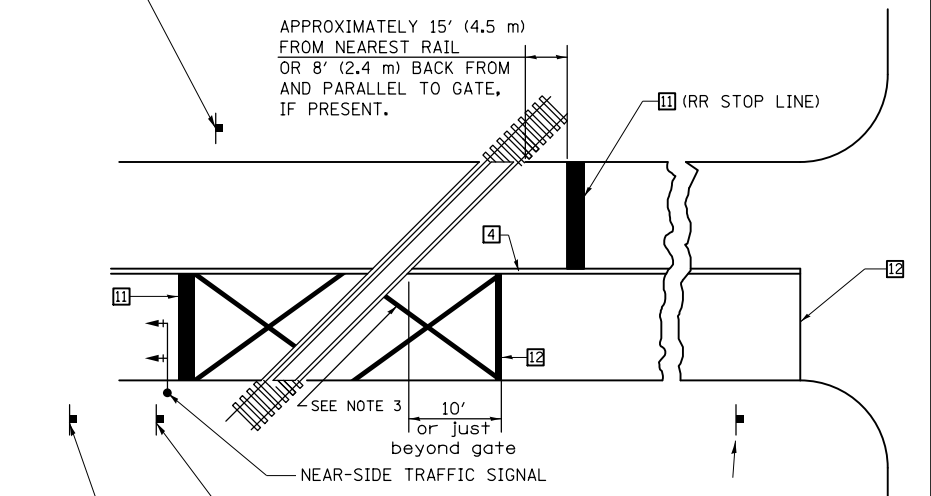
W10-1100
30" X 36"

CAUTION
XX FT
BETWEEN
TRACKS AND
HIGHWAY

DO NOT
STOP
ON
TRACKS

R8-8
24" X 30"

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



DO NOT STOP ON TRACKS (R8-8) 24" X 30"

ONLY IF SIGNAL HEAD CANNOT BE LOCATED IN MEDIAN

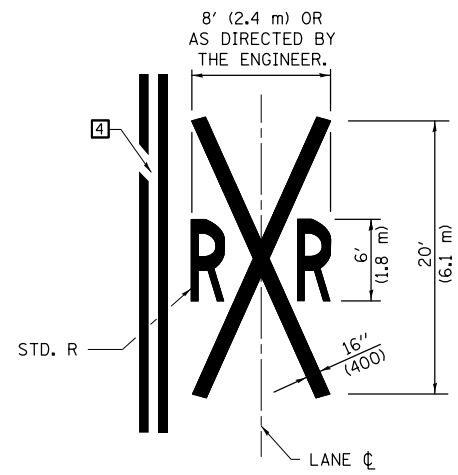
DO NOT STOP ON TRACKS

STOP HERE ON RED (R10-6(L)) 24" X 30" OR STOP HERE ON RED (R10-6(R)) 24" X 30" IF IN MEDIAN

NO TURN ON RED (R10-11) 24" X 30"

DO NOT STOP ON TRACKS (R8-8) 24" X 30"

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



ALTERNATE SIGNS

STOP HERE ON RED (R10-6a(L)) 24" X 30"

STOP HERE ON RED (R10-6a(R)) 24" X 30"

GENERAL NOTES

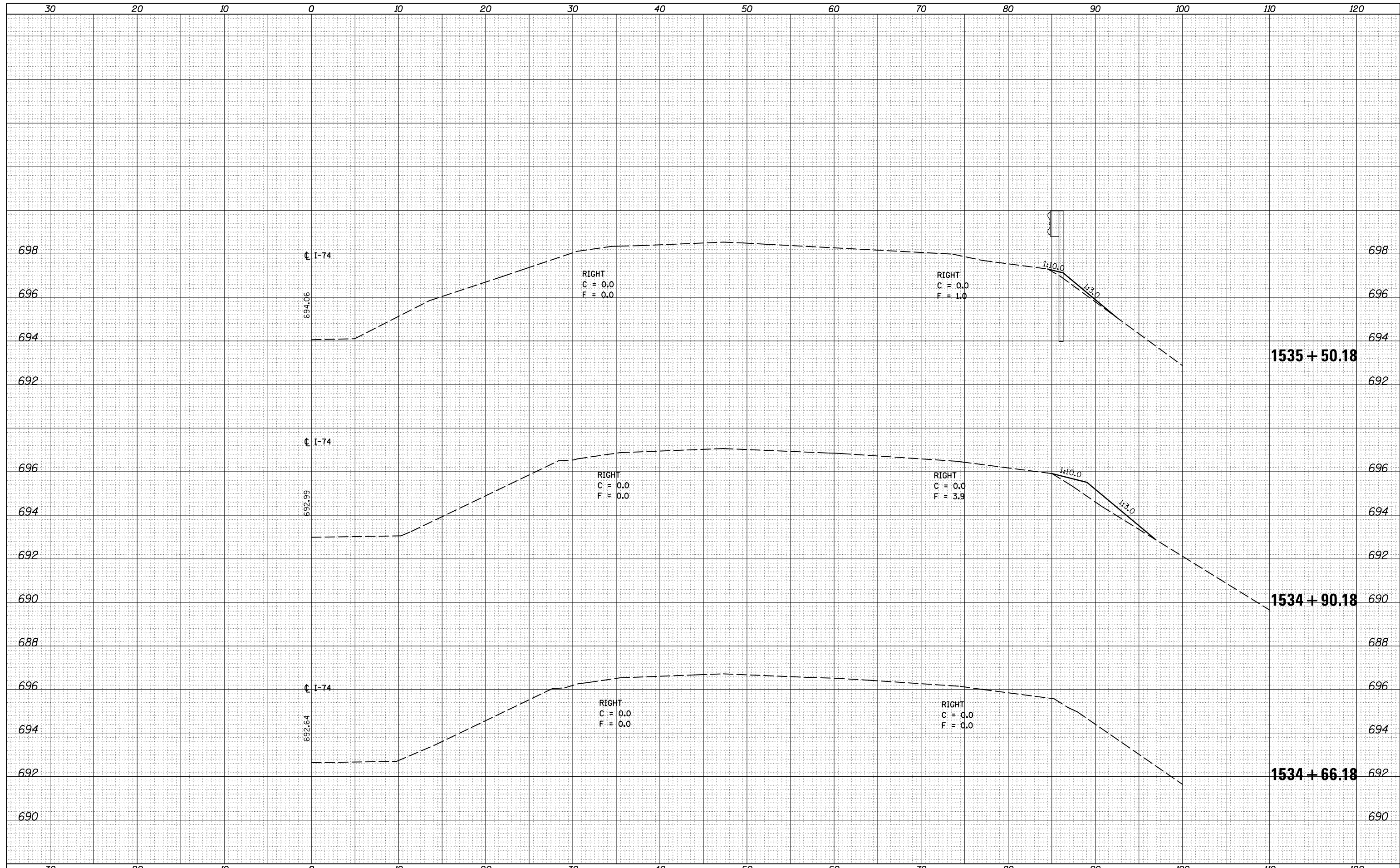
- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

DATE	
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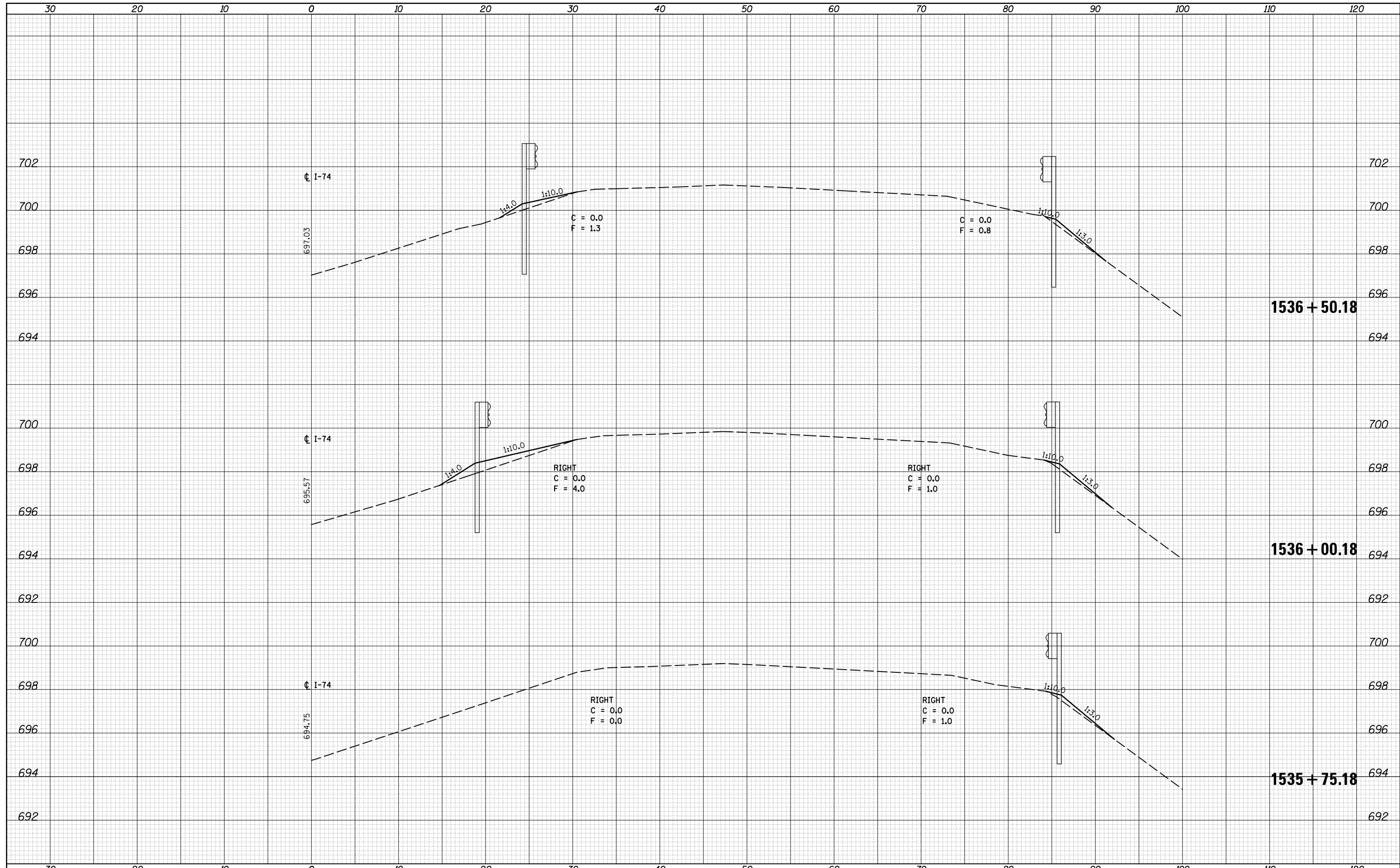
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FILE NAME =	USER NAME = corollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EAST BOUND CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570765\CADD\Design\0570765-shr-x-guardrail-EB-1534-1535.dwg		CHECKED -	REVISED -		74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	69			
MODELNAME	PLOT SCALE = 10.0000' / in.	DATE -	REVISED -		SCALE: SHEET 1 OF 9 SHEETS STA. 1534+66.18 TO STA. 1535+50.18			CONTRACT NO. 70765				
	PLOT DATE = 12/4/2015							ILLINOIS FED. AID PROJECT				

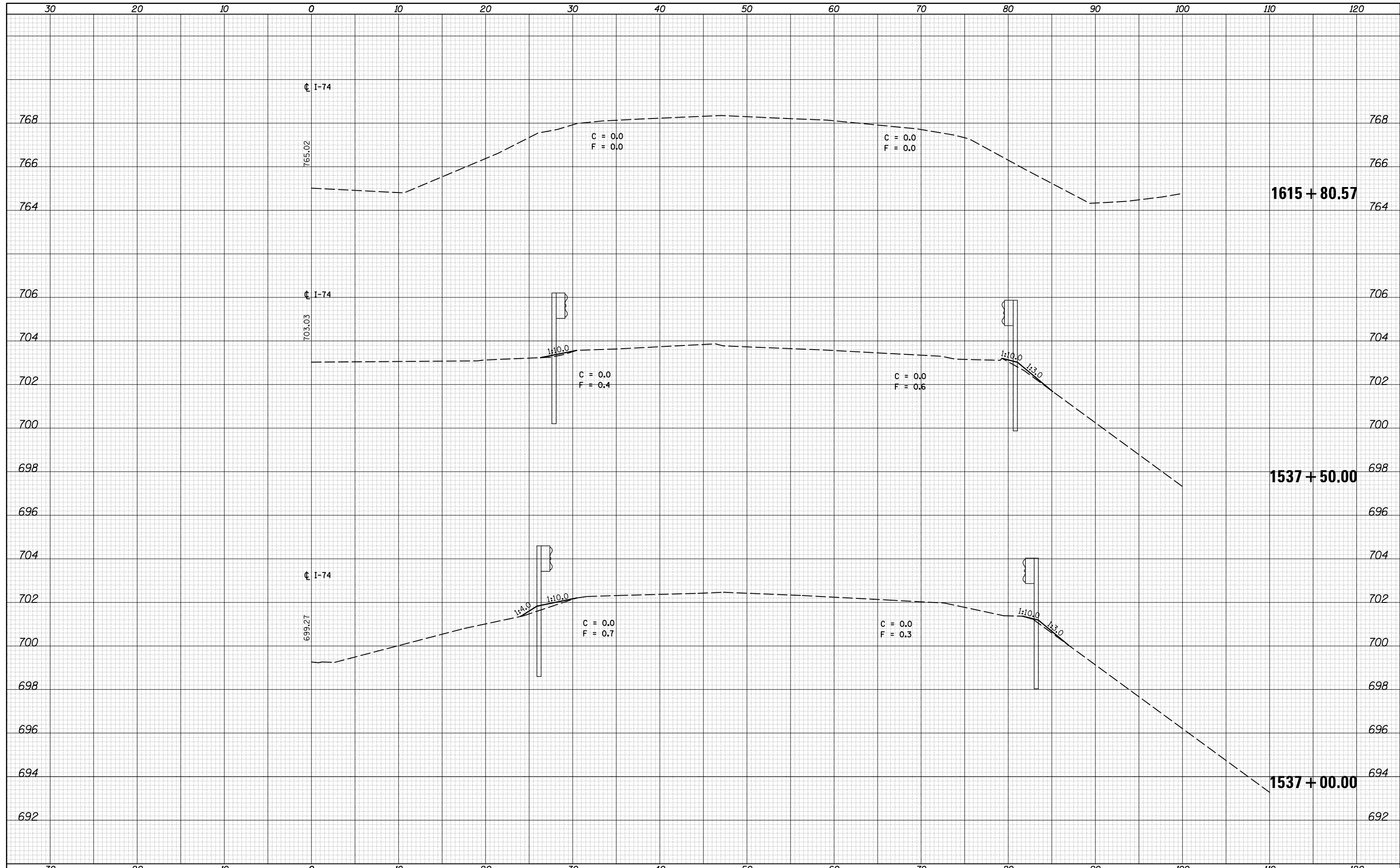
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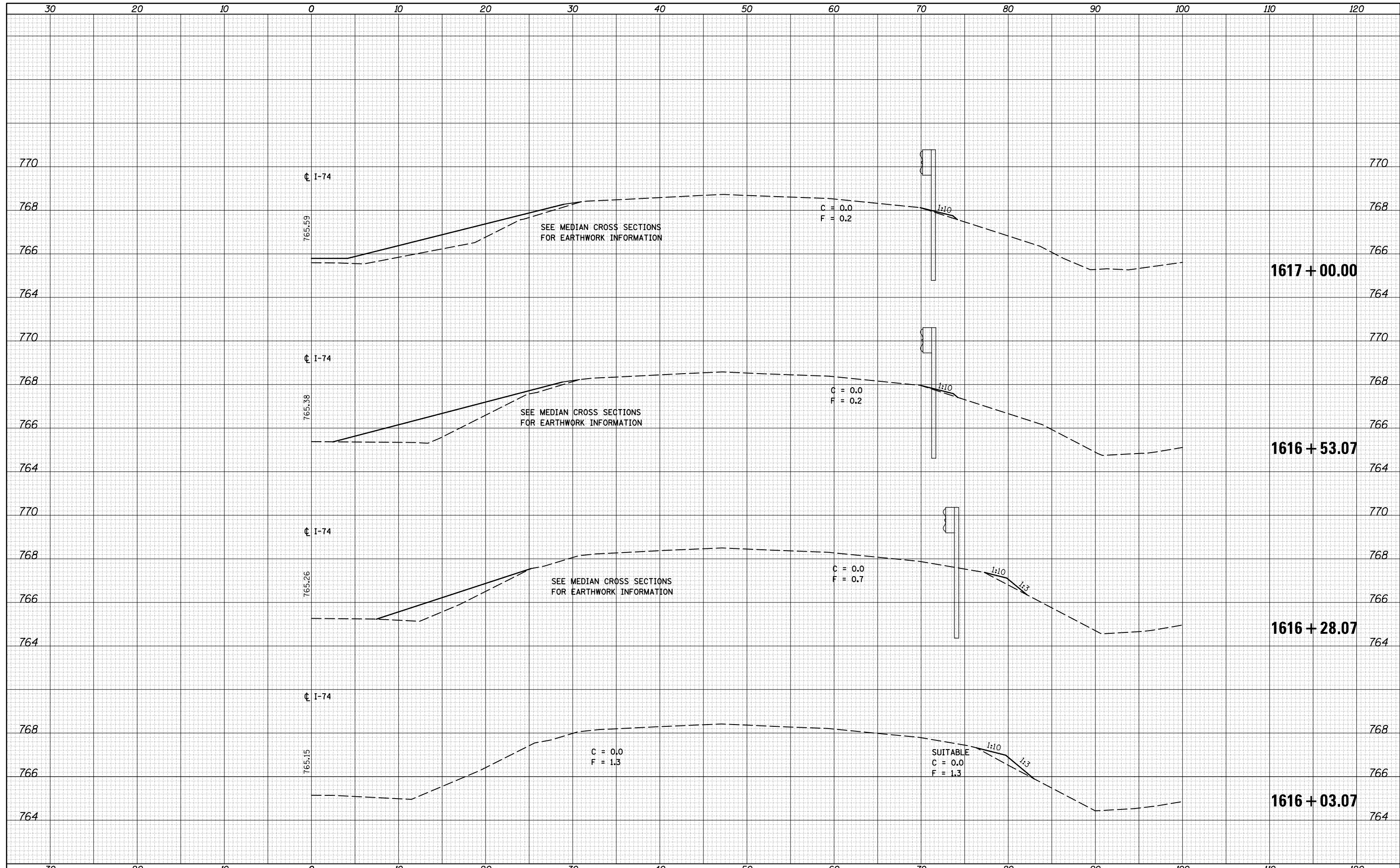
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NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
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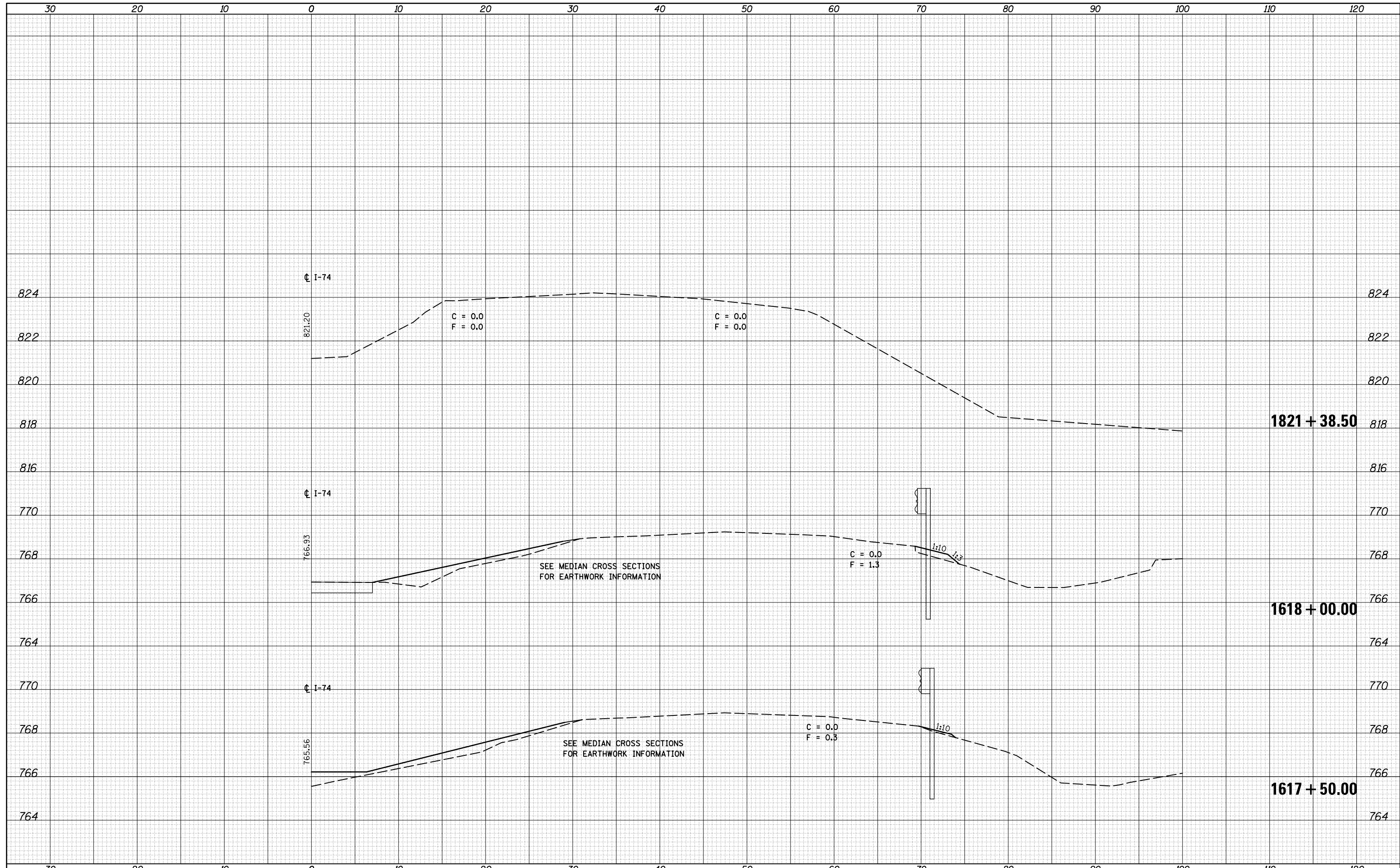
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FILE NAME =	USER NAME = corollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EAST BOUND CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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DATE = 12/4/2015	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
MODELNAME				SCALE:	SHEET 4 OF 9 SHEETS	STA. 1616+03.07 TO STA. 1617+00.00				

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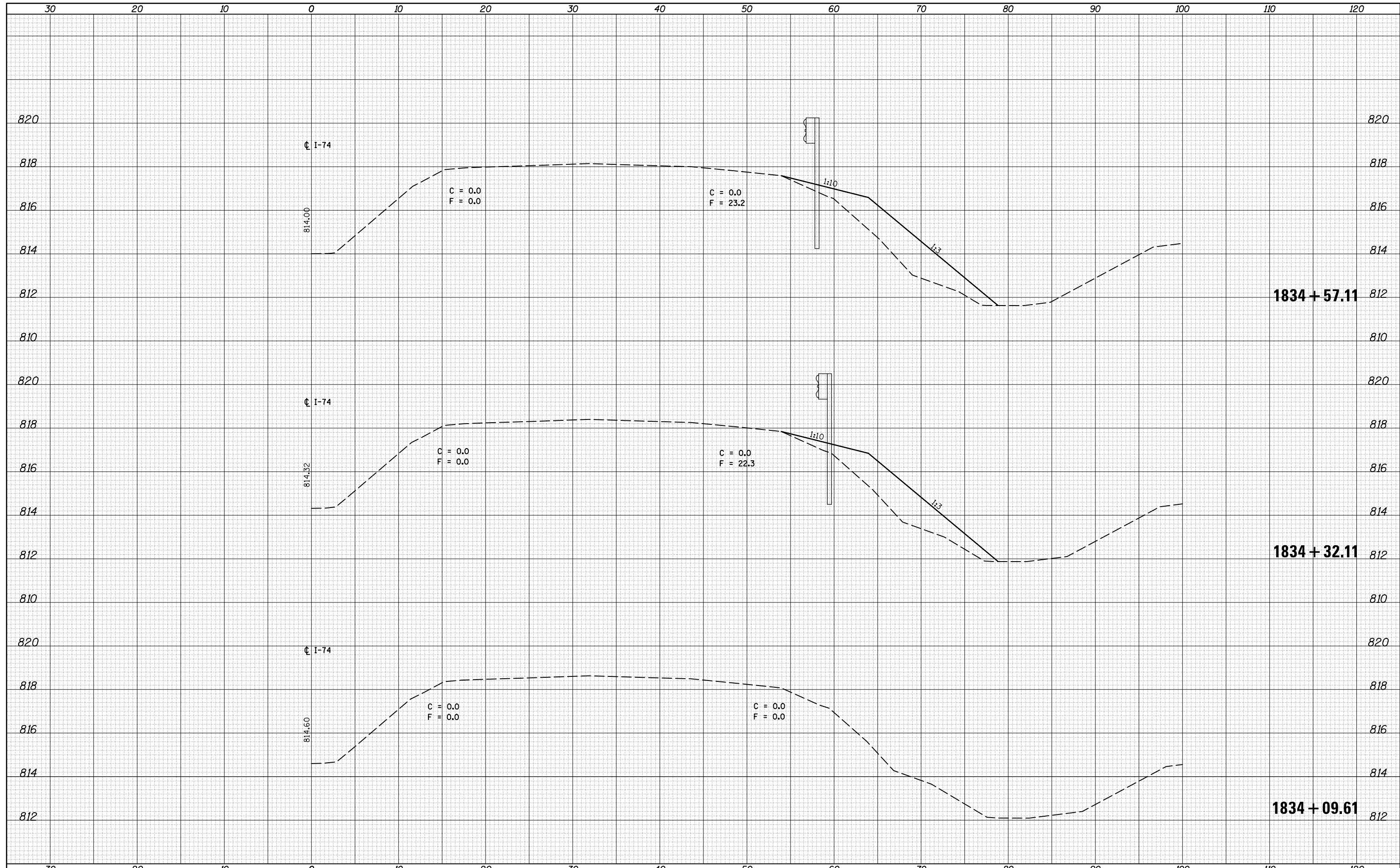
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NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = corollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EAST BOUND CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 10.0000' / in.		DATE -	REVISED -			CONTRACT NO. 70765		ILLINOIS FED. AID PROJECT			
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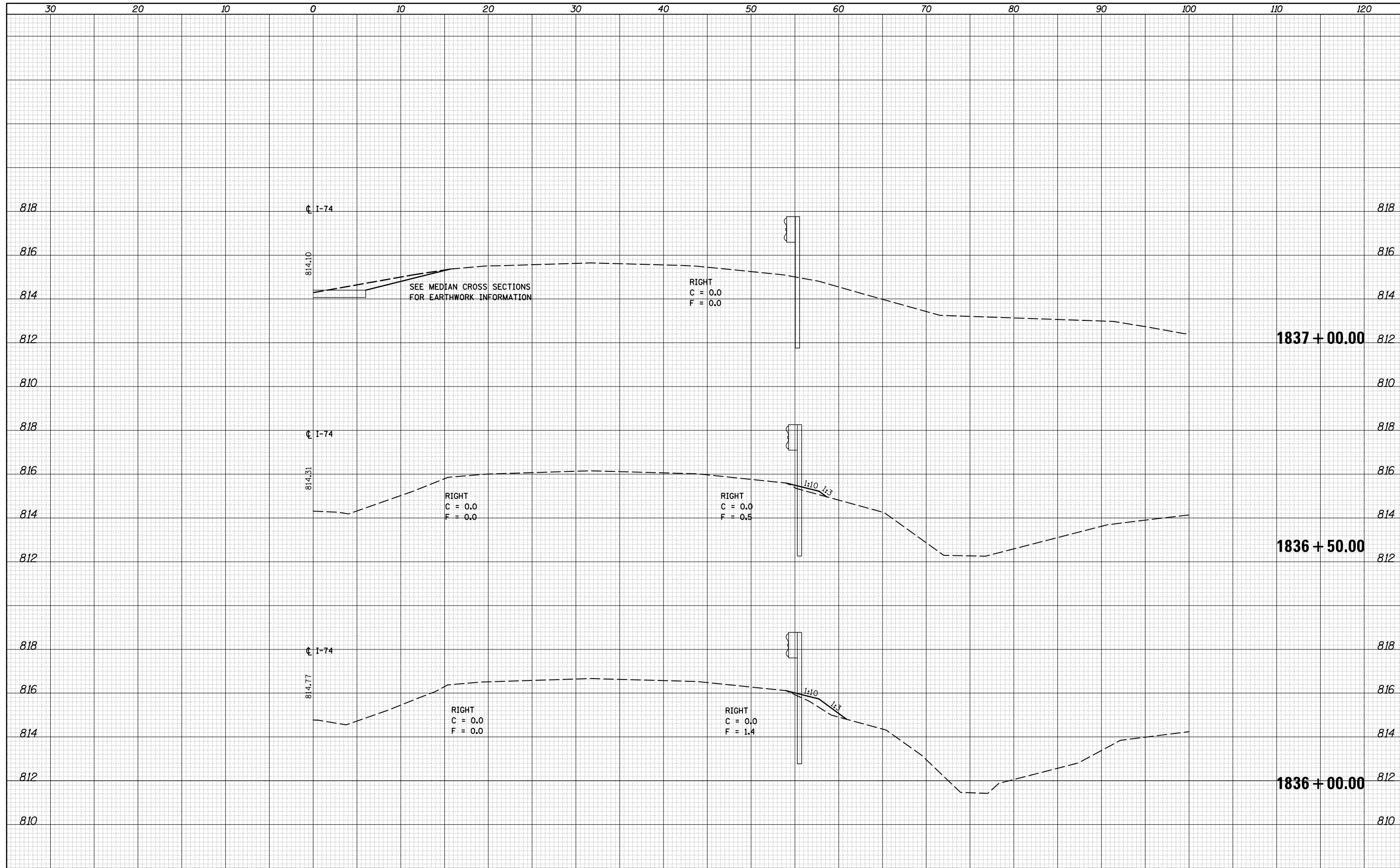
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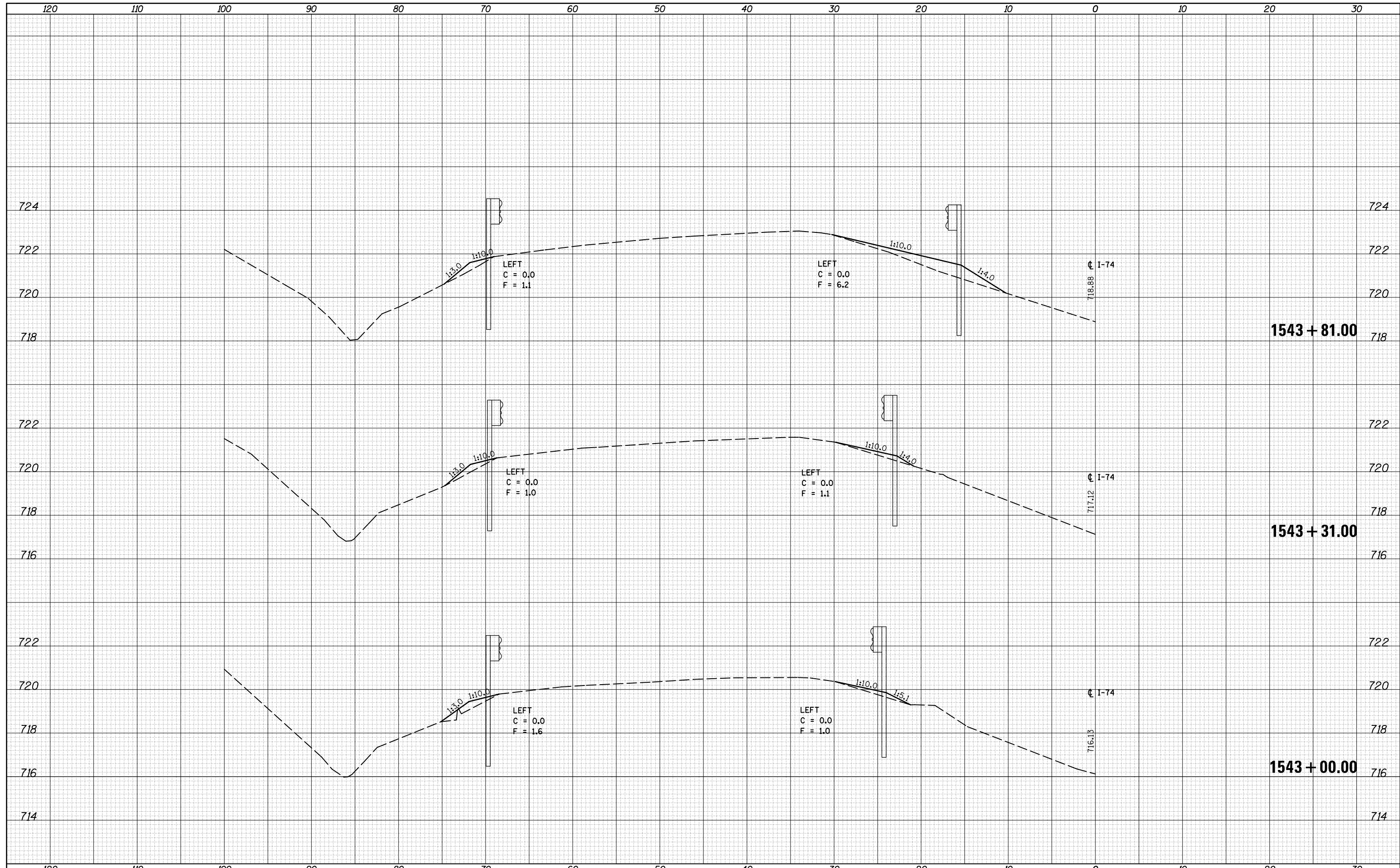
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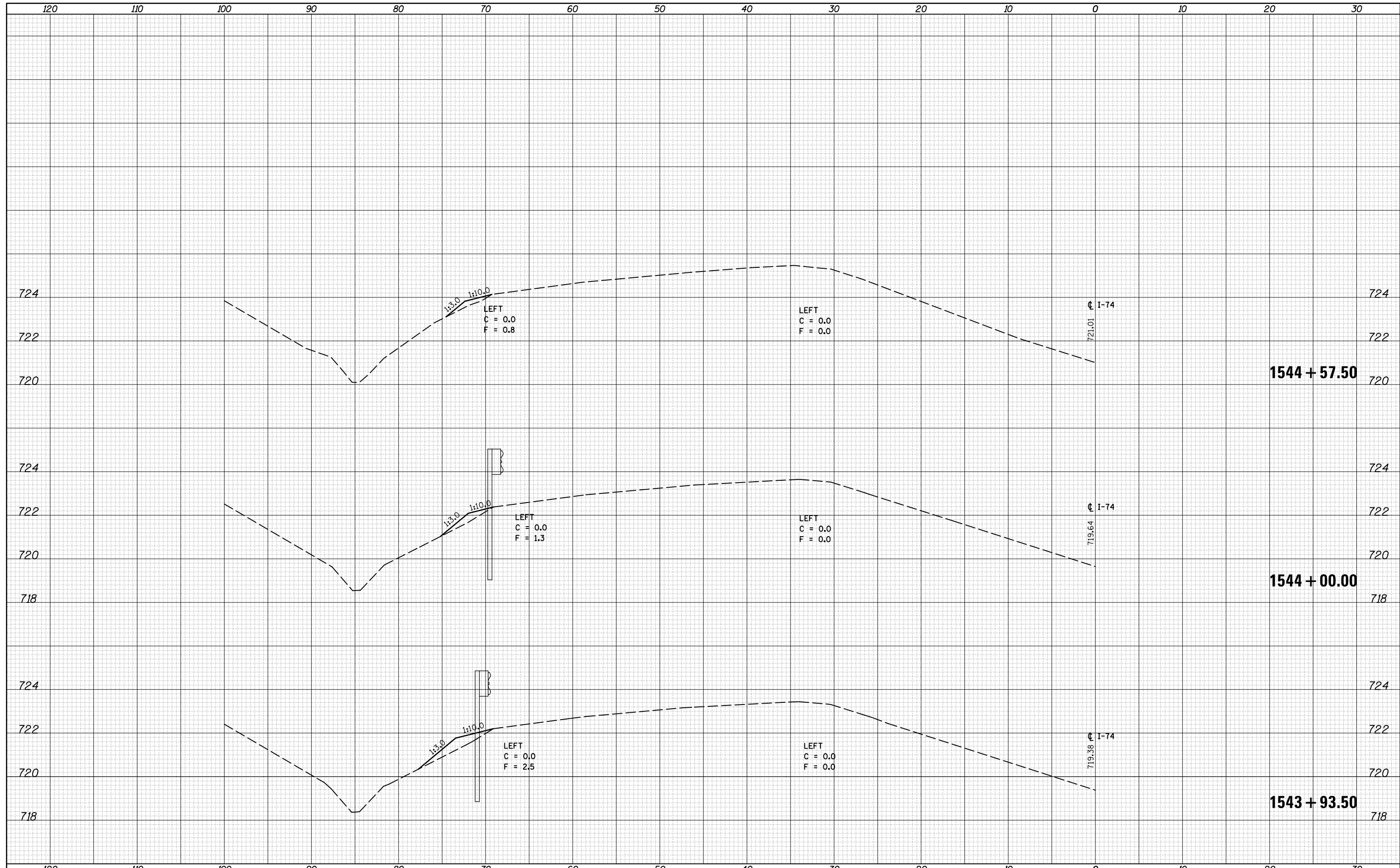
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FILE NAME =	USER NAME = corollt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EAST BOUND CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570765\CD\Drawn\0570765-sht-xs-guardrail-WB-REVISED	DRAWN	DESIGNED	REVISED					74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	78
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	REVISED -					CONTRACT NO. 70765				
MODEL NAME	DATE -	REVISED -	REVISED -					SCALE:	SHEET 1	OF 9	SHEETS	STA. 1543+00.00 TO STA. 1543+81.00

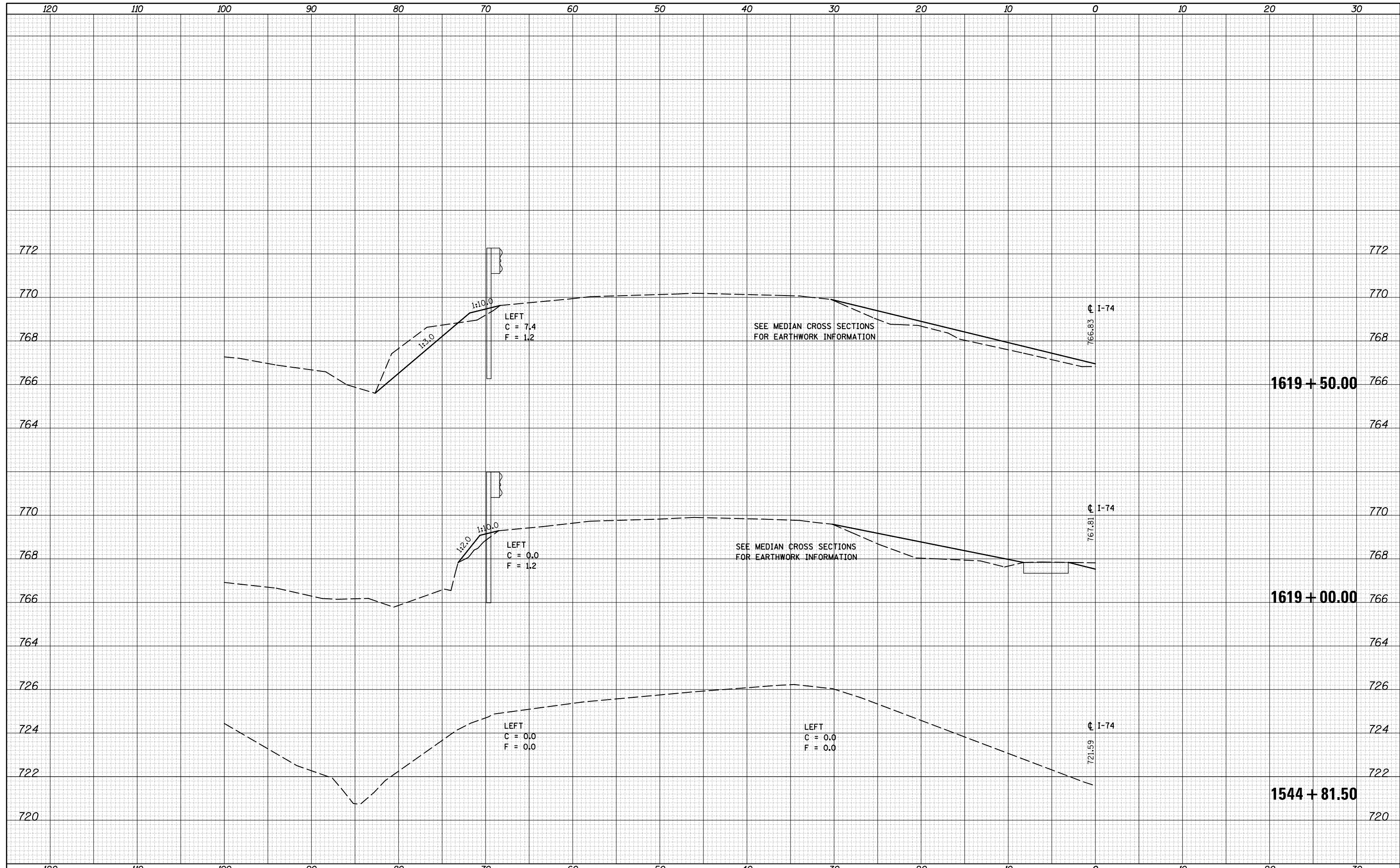
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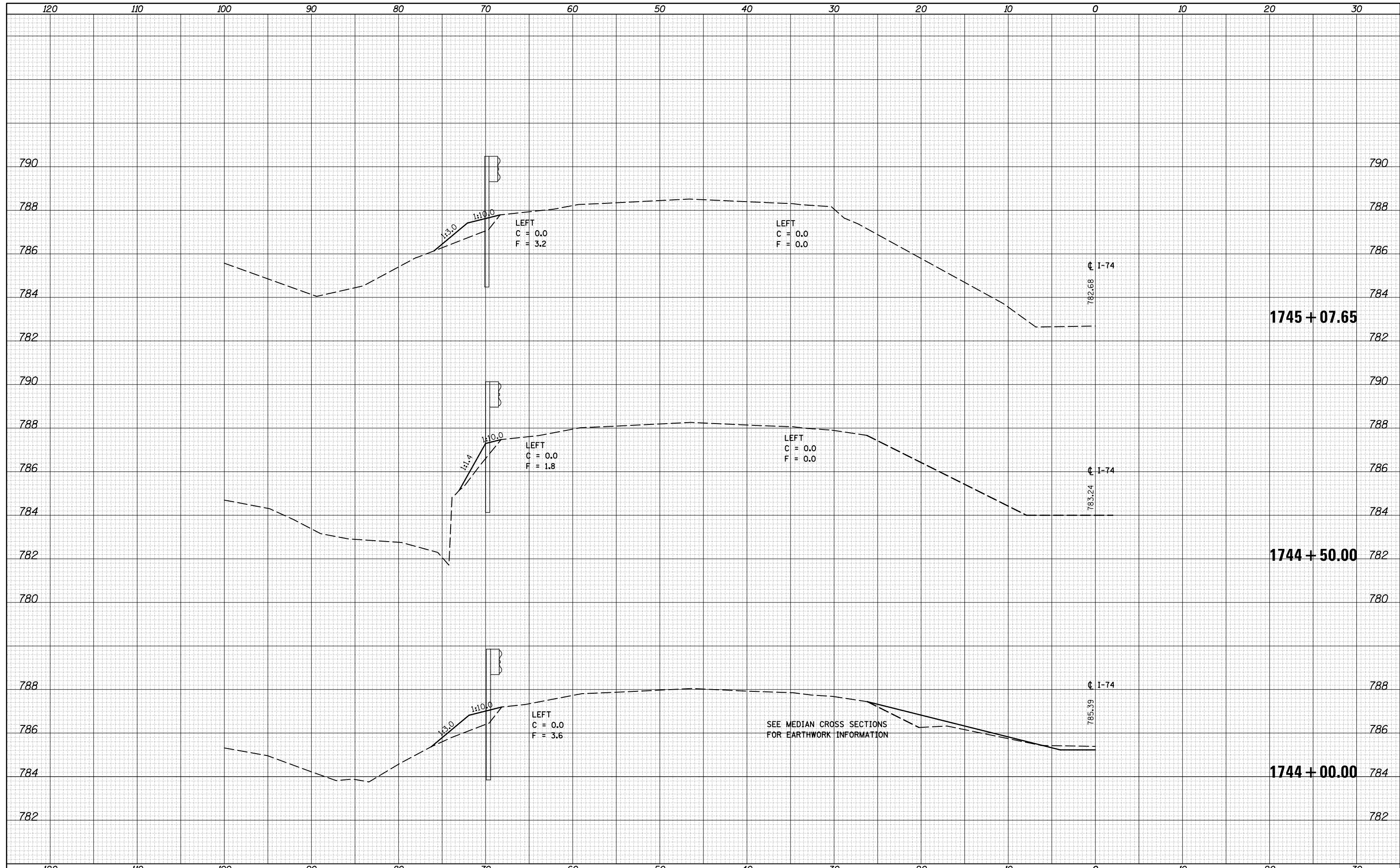
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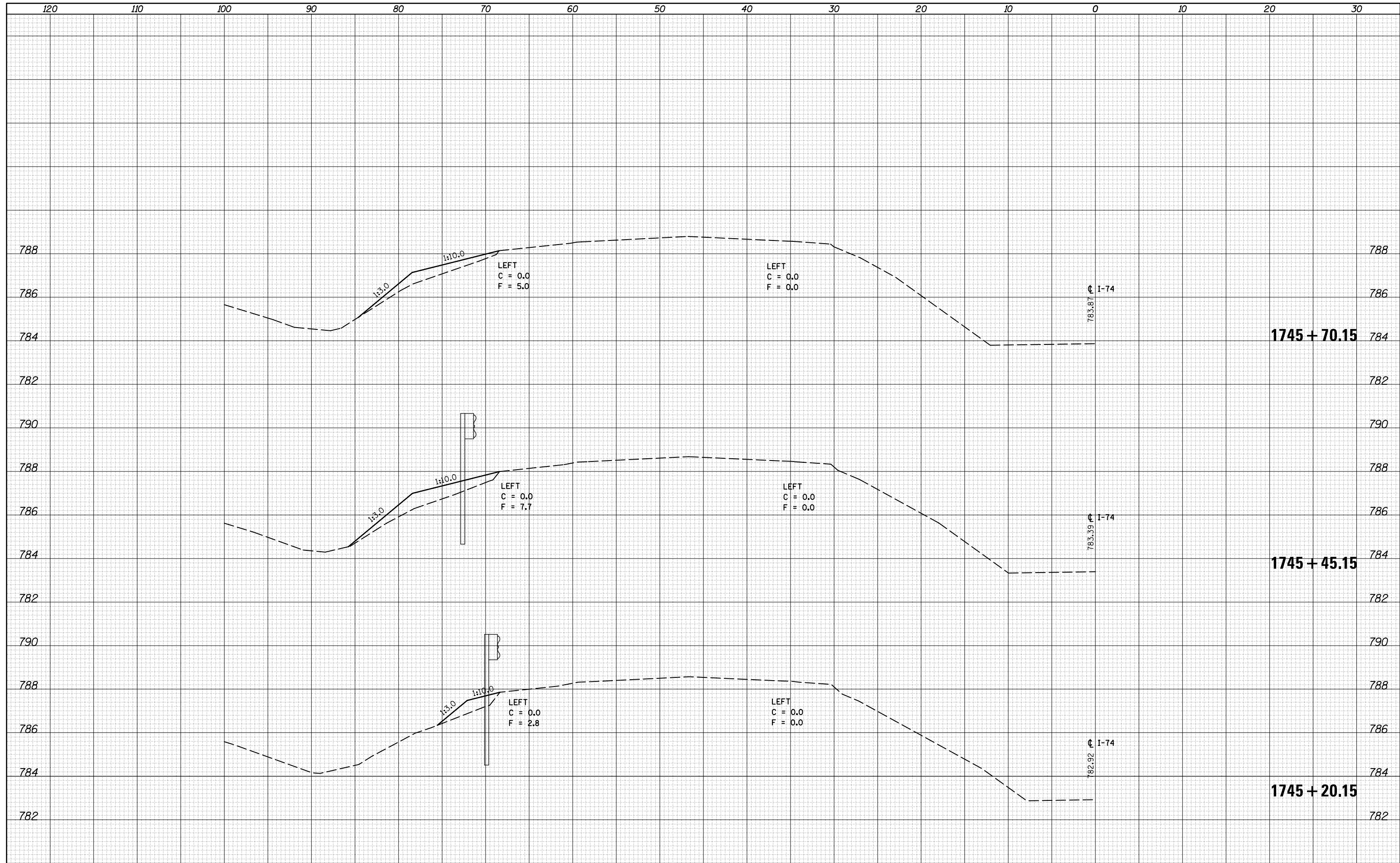
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NOTE BOOK	
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FILE NAME =	USER NAME = carrollt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EAST BOUND CROSS SECTIONS	F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70765							
DATE = 12/4/2015	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
\$MODELNAME\$				SCALE:	SHEET 6 OF 9 SHEETS	STA. 1744+00.00 TO STA. 1745+07.65				

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

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED



FILE NAME =	USER NAME = carrollt	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 12/4/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

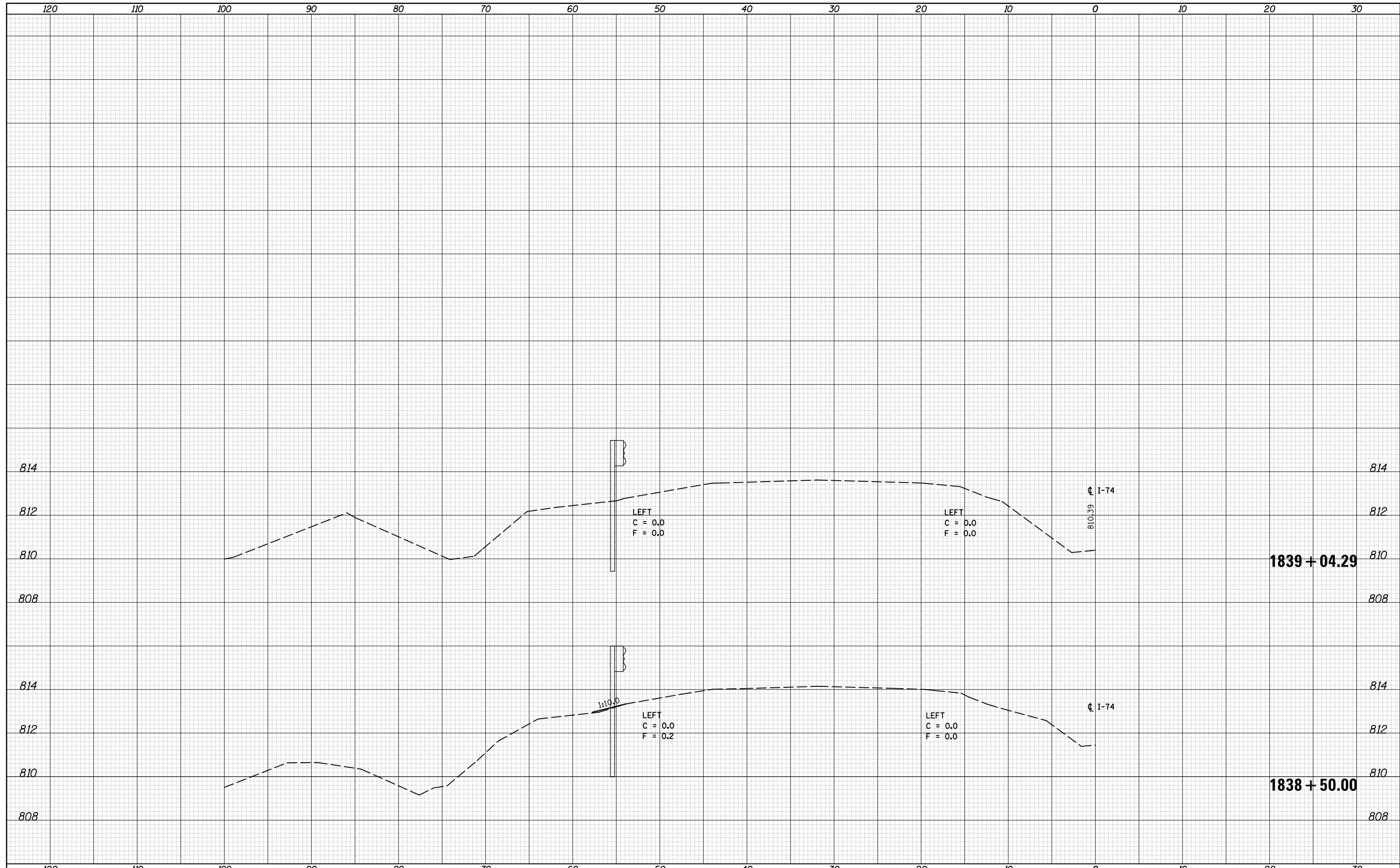
EAST BOUND CROSS SECTIONS

SCALE: SHEET 7 OF 9 SHEETS STA. 1745+20.15 TO STA. 1745+70.15

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	84
CONTRACT NO. 70765			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME =
 USER NAME = corrollt
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/4/2015

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

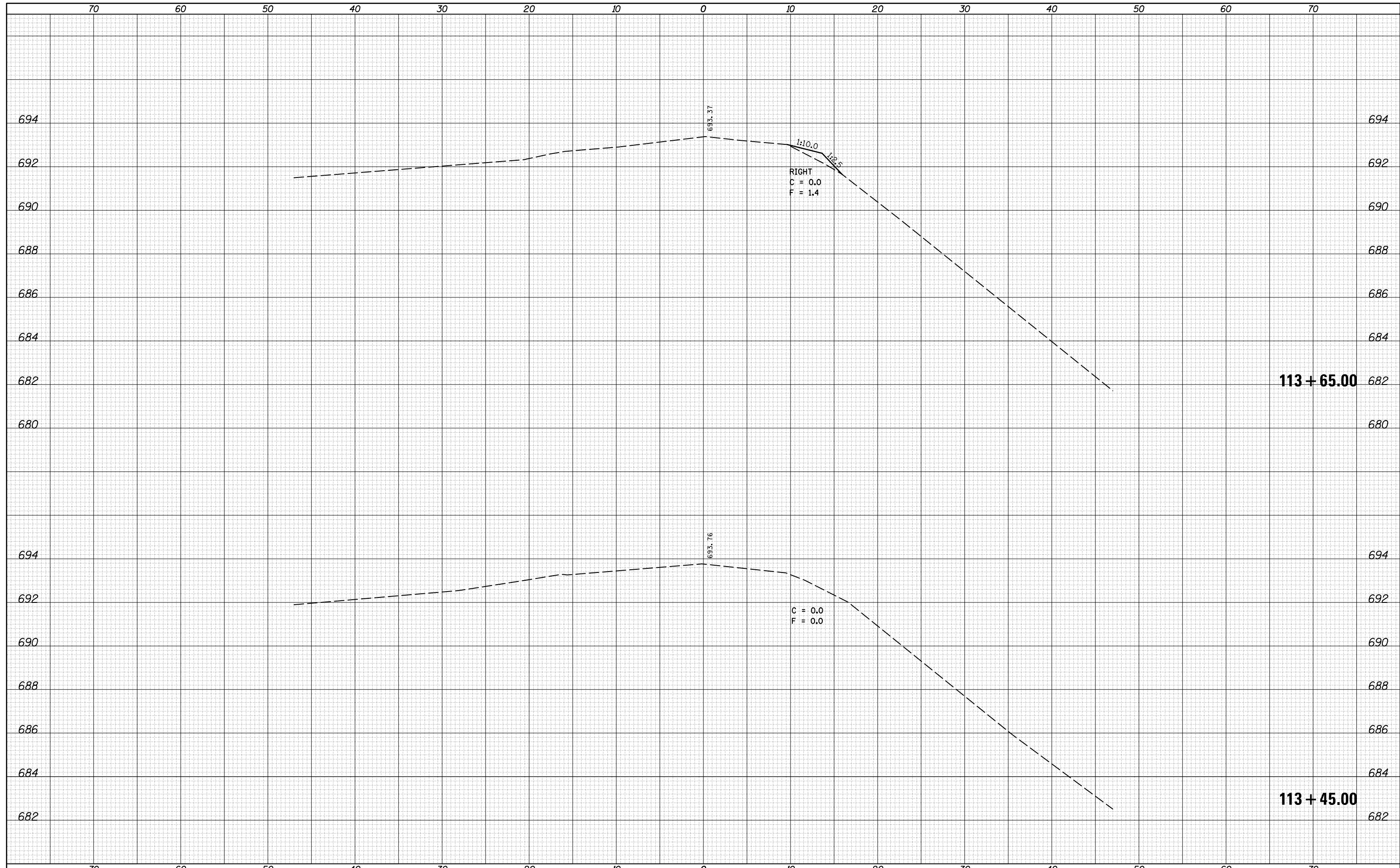
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EAST BOUND CROSS SECTIONS
 SCALE: SHEET 9 OF 9 SHEETS STA. 1838+50.00 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	86
CONTRACT NO. 70765			ILLINOIS FED. AID PROJECT	

DATE	
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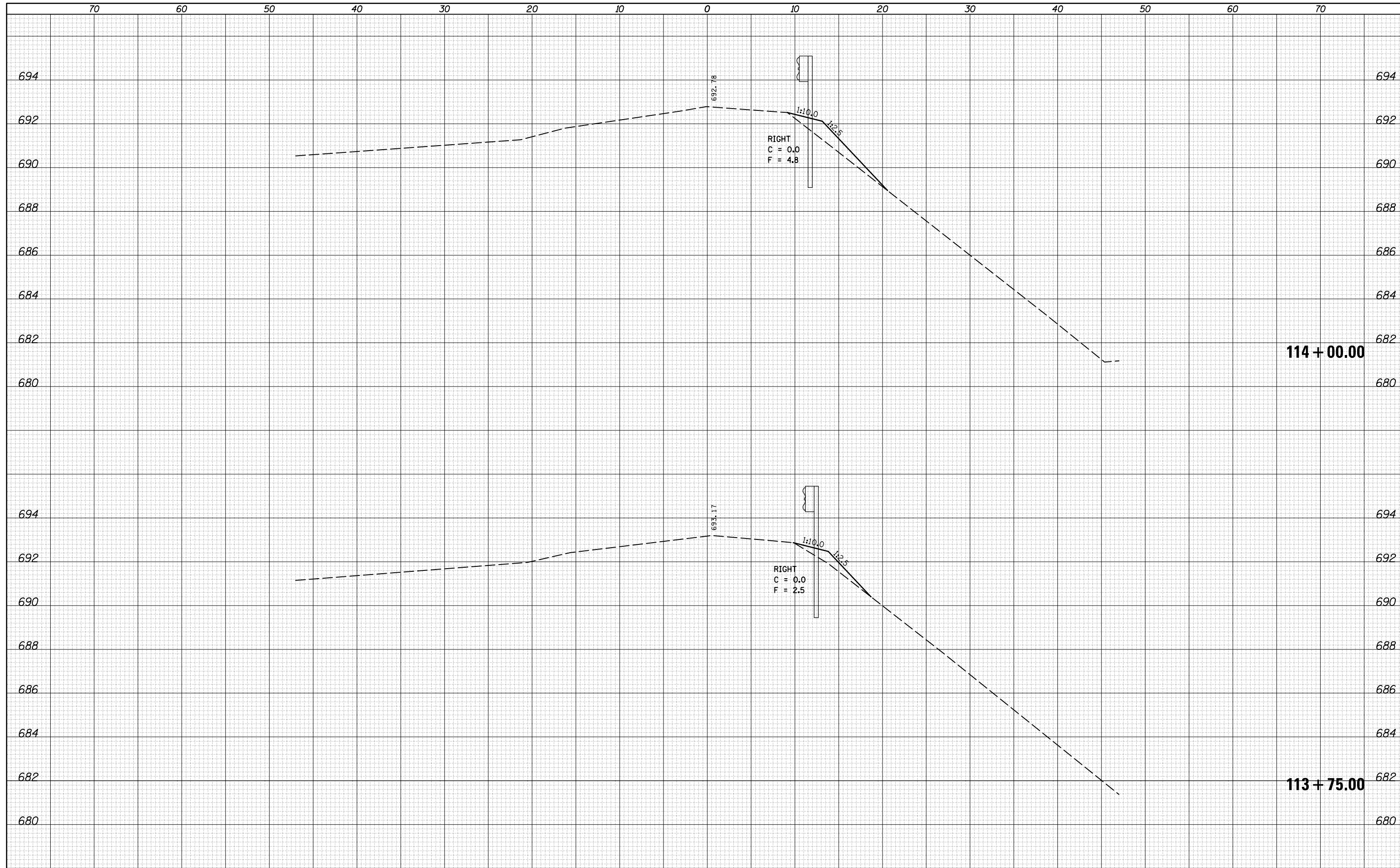
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NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = corollrt	DESIGNED -	REVISÉ -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - RAMP A			F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\IL084EBIDINTEG.Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570765\CADD\Design\0570765-sht-XS-guardrail-Rep		DRAWN	REVISÉ		74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	87			
\$MODELNAME\$	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISÉ -		CONTRACT NO. 70765							
	PLOT DATE = 12/4/2015	DATE -	REVISÉ -		SCALE:	SHEET 1	OF 6	SHEETS	STA. 113+45.00	TO STA. 113+65.00	ILLINOIS FED. AID PROJECT	

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

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



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USER NAME = corollr	DESIGNED -	REVIS
DRAWN	CHECKED -	REVIS
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PLLOT DATE = 12/4/2015		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - RAMP A

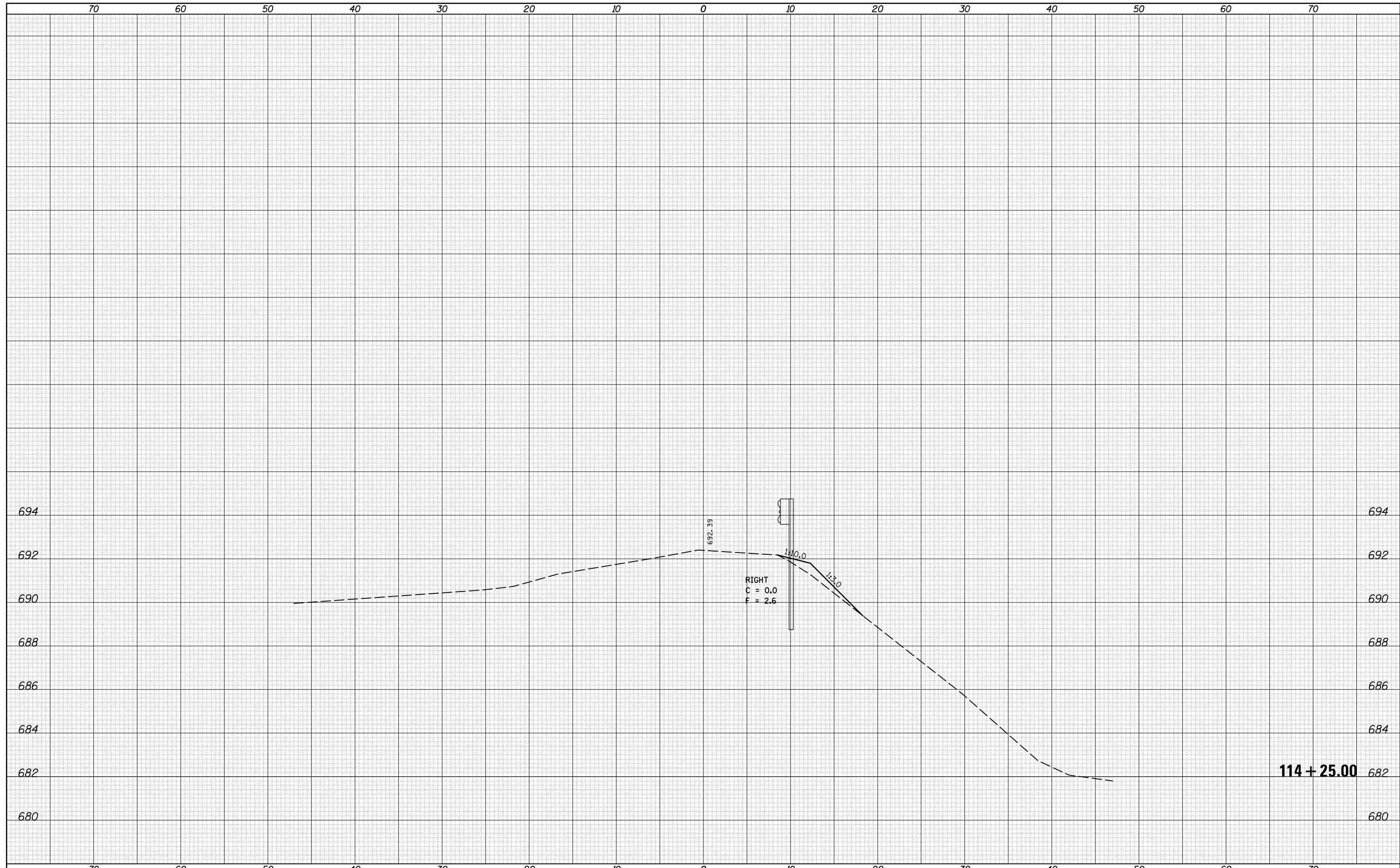
SCALE: SHEET 2 OF 6 SHEETS STA. 113+75.00 TO STA. 114+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	88
CONTRACT NO. 70765				

ILLINOIS FED. AID PROJECT

DATE	
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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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DRAWN	CHECKED -	REVISD -
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PLOT DATE = 12/4/2015		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

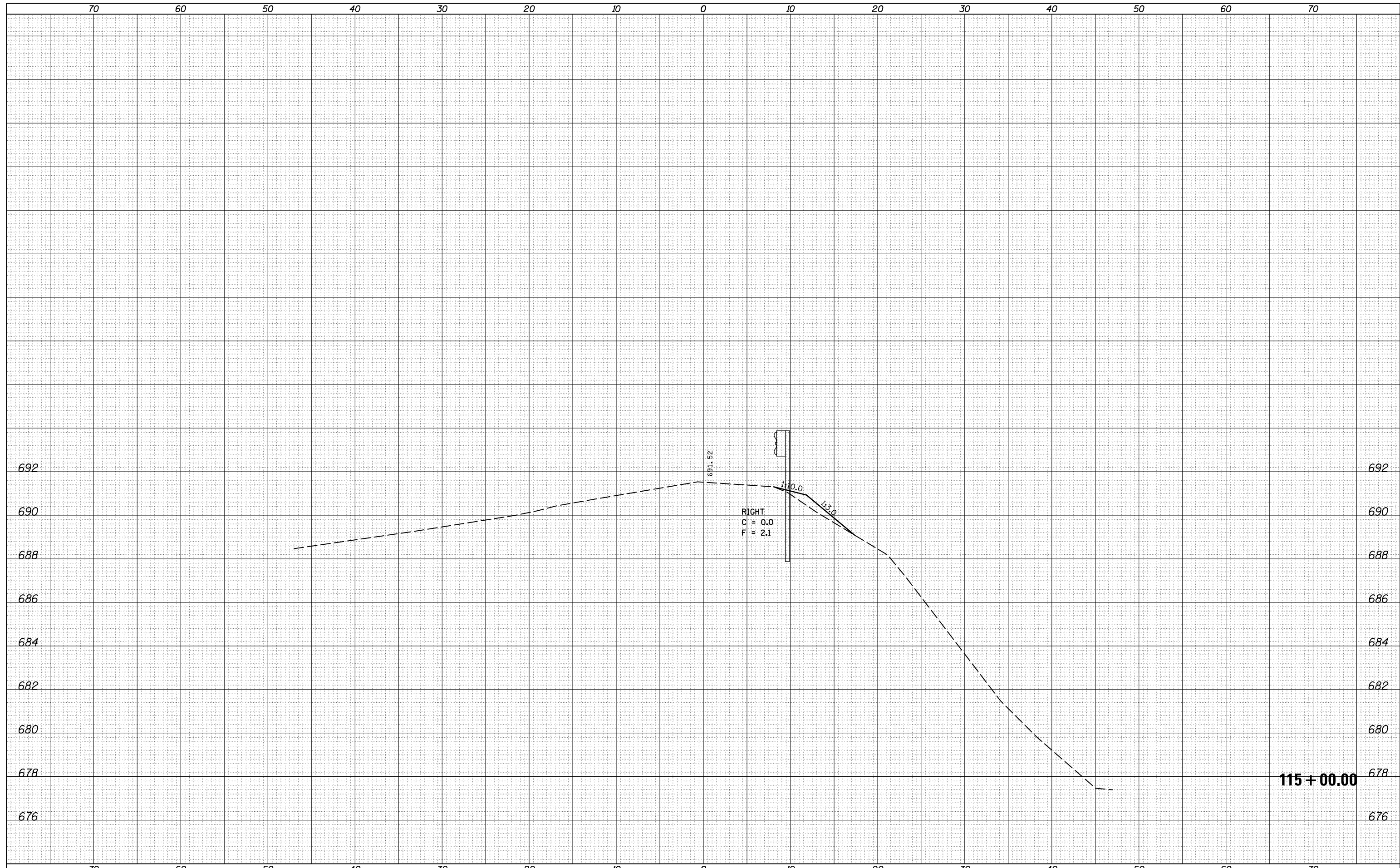
CROSS SECTIONS - RAMP A

SCALE: SHEET 3 OF 6 SHEETS STA. 114+25.00 TO STA. 114+25.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	89
CONTRACT NO. 70765			ILLINOIS FED. AID PROJECT	

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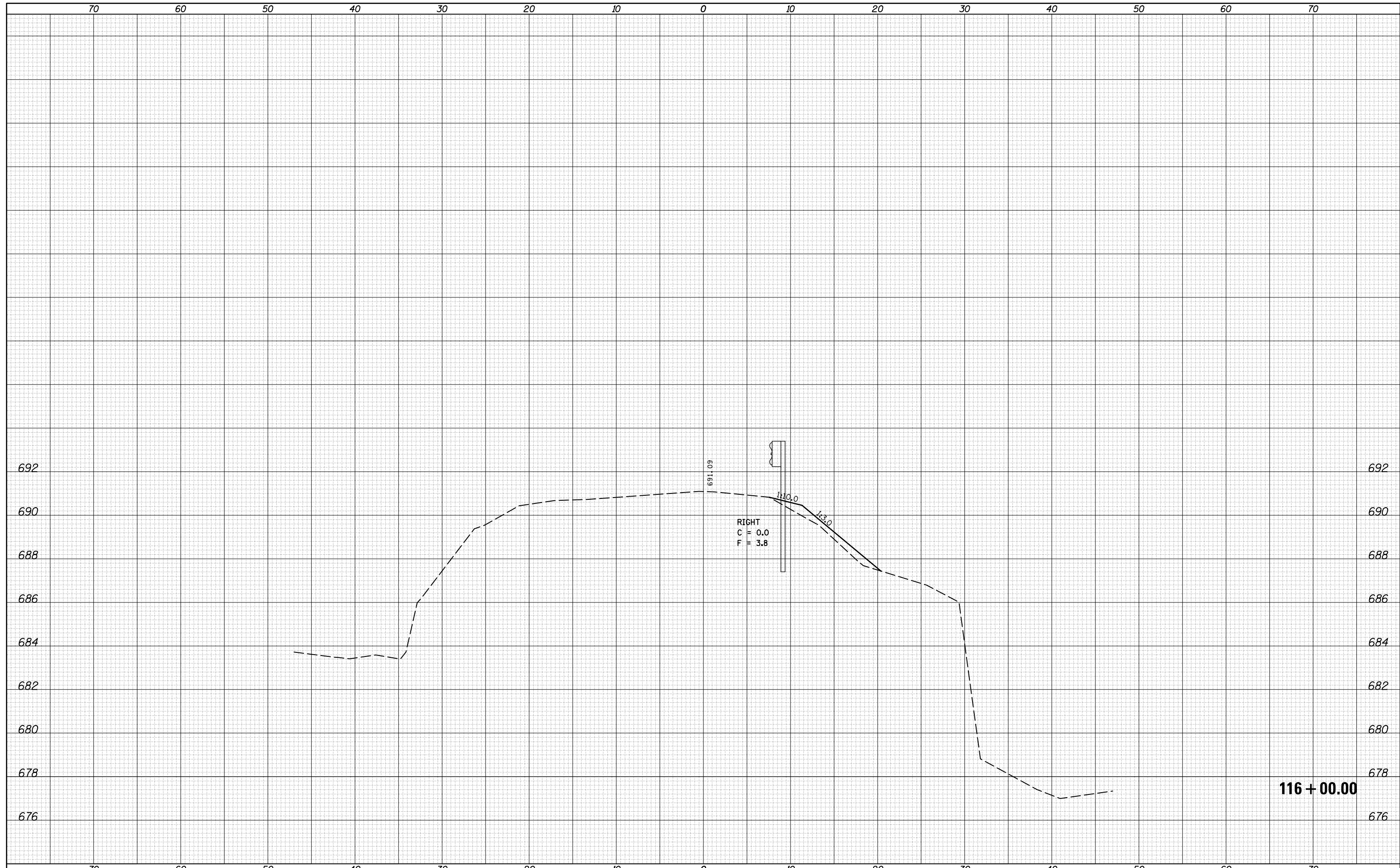
DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = corollrt	DESIGNED -	REVISÉ -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - RAMP A			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\IDOT\Documents\IDOT Offices\District 5\Projects\0570765\CADD\Drawings\0570765-sht-XS-guardrail-Rep	DRAWN	REVISÉ	REVISÉ					74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	90
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISÉ -	REVISÉ -					CONTRACT NO. 70765				
MODELNAME	PLOT DATE = 12/4/2015	DATE -	REVISÉ -	SCALE:	SHEET 4	OF 6	SHEETS	STA. 115+00.00	TO STA. 115+00.00	ILLINOIS FED. AID PROJECT		

DATE	
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PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
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TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME =
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USER NAME = corollrt
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 PLOT SCALE = 10.0000' / in.
 CHECKED -
 PLOT DATE = 12/4/2015
 DATE -

DESIGNED -
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 DATE -

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

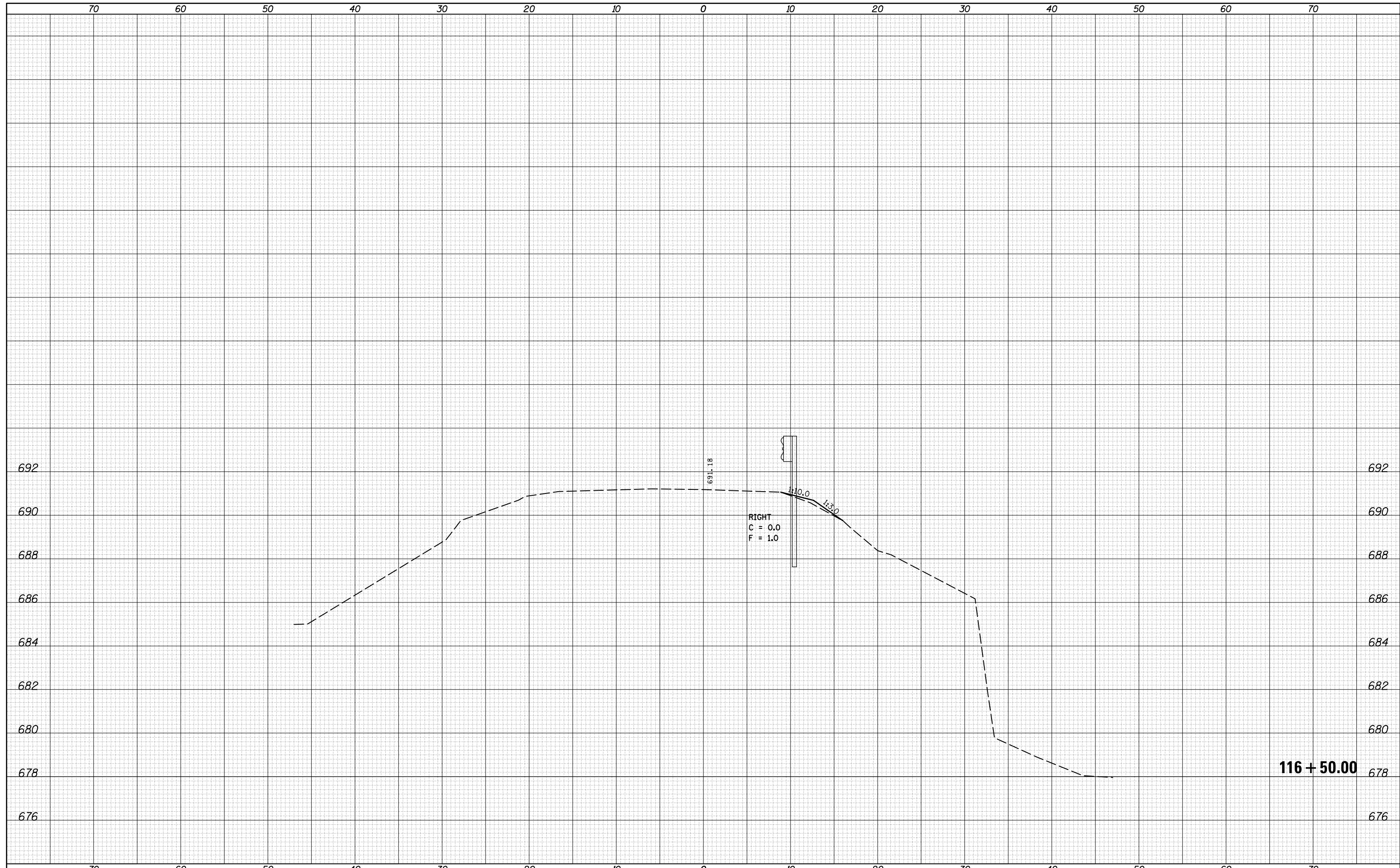
CROSS SECTIONS - RAMP A

SCALE: SHEET 5 OF 6 SHEETS STA. 116+00.00 TO STA. 116+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	91
CONTRACT NO. 70765			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FILE NAME = p:\11084EBIDINTEG\Illinois.gov\IDOT\Documents\IDOT Offices\District 5\Projects\0570765\CADD\Design\0570765-sht-XS-guardrail-Rep\

USER NAME = corollrt	DESIGNED -	REVISÉ -
DRAWN	CHECKED -	REVISÉ -
PLOT SCALE = 10.0000' / in.	DATE -	REVISÉ -
PLOT DATE = 12/4/2015		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - RAMP A

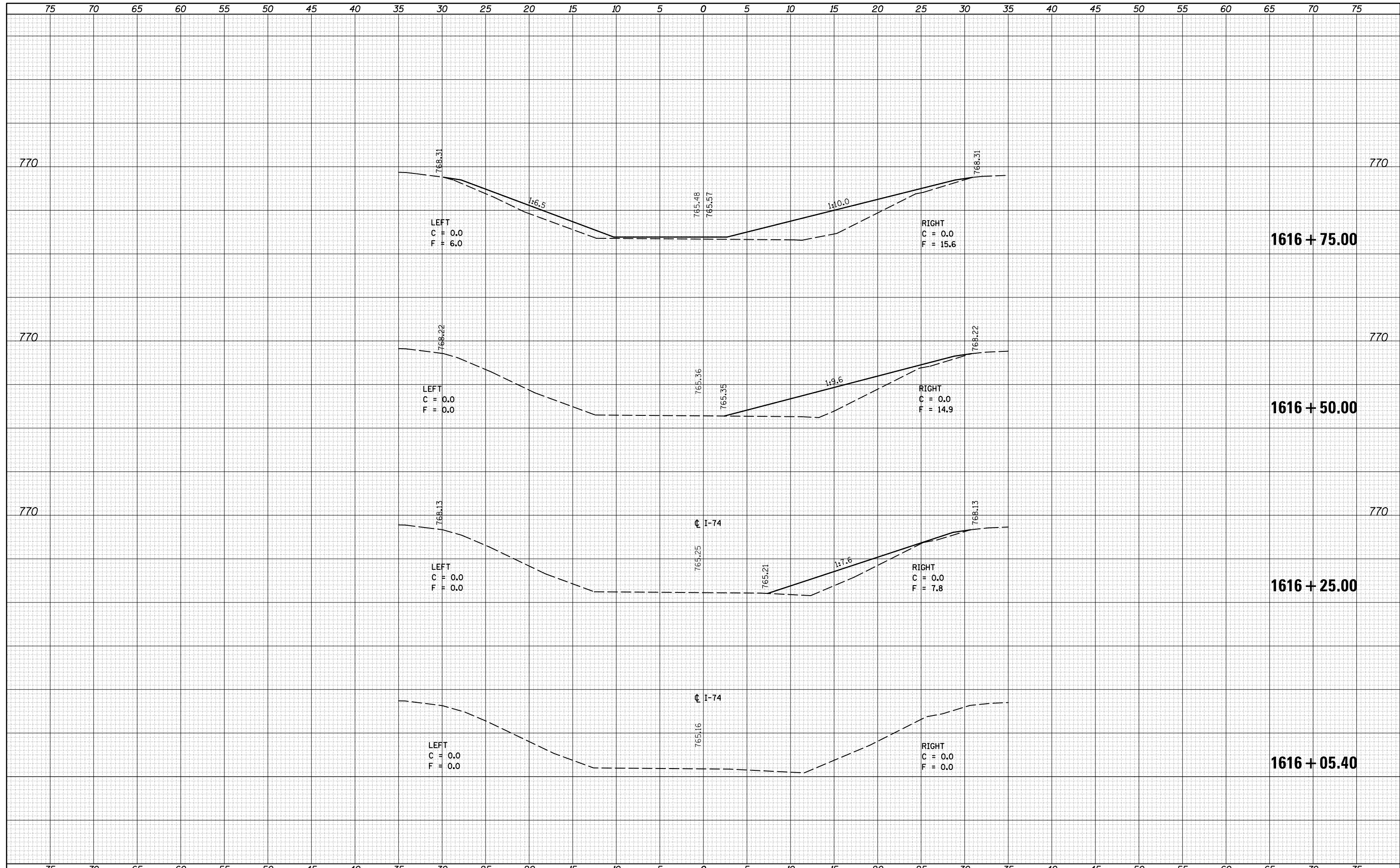
SCALE: SHEET 6 OF 6 SHEETS STA. 116+50.00 TO STA. 116+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	92
CONTRACT NO. 70765				
ILLINOIS FED. AID PROJECT				

116 + 50.00

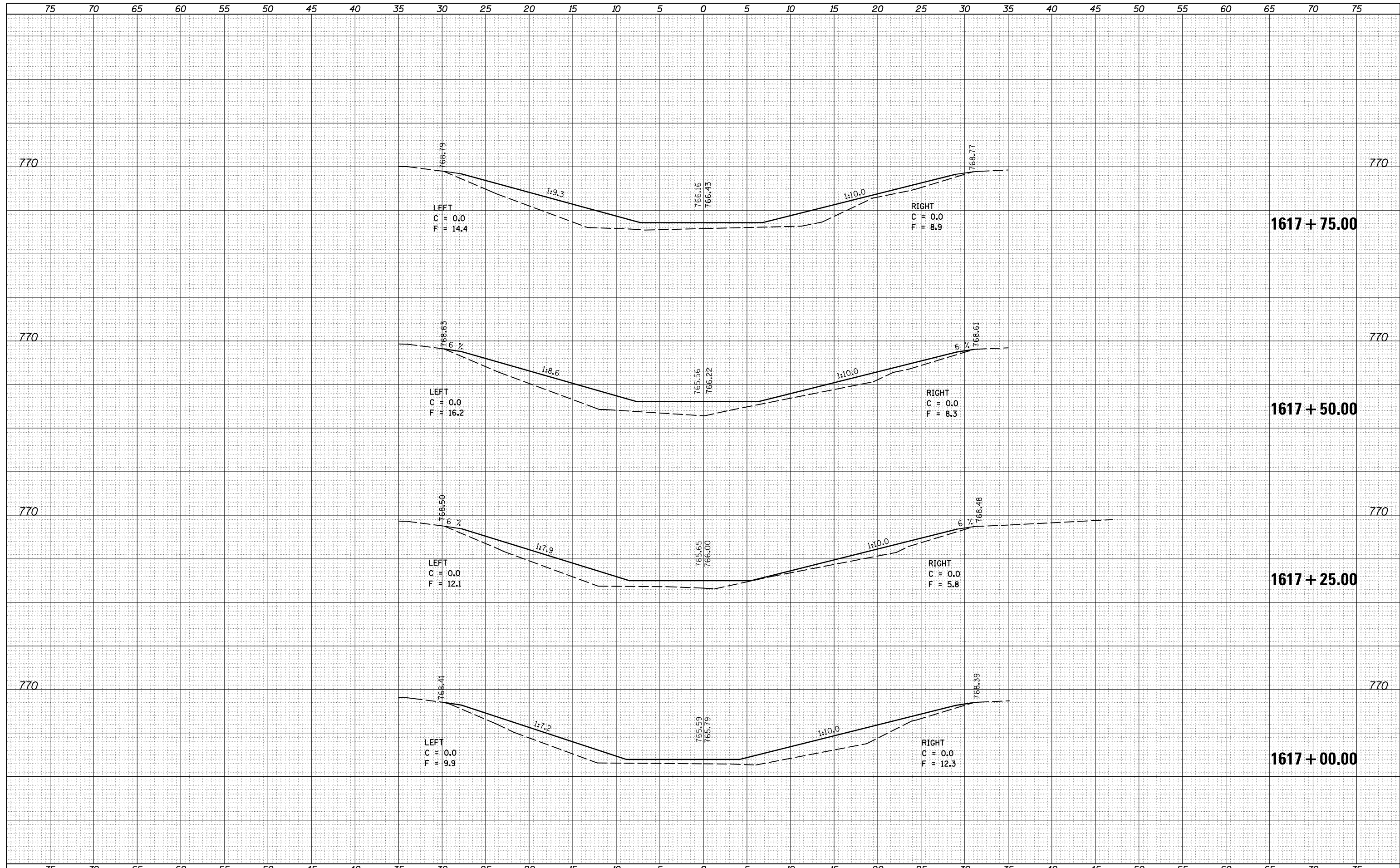
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BY	
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NOTE BOOK NO.	
TEMPLATE AREAS CHECKED	

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ORIGINAL SURVEY NO.	
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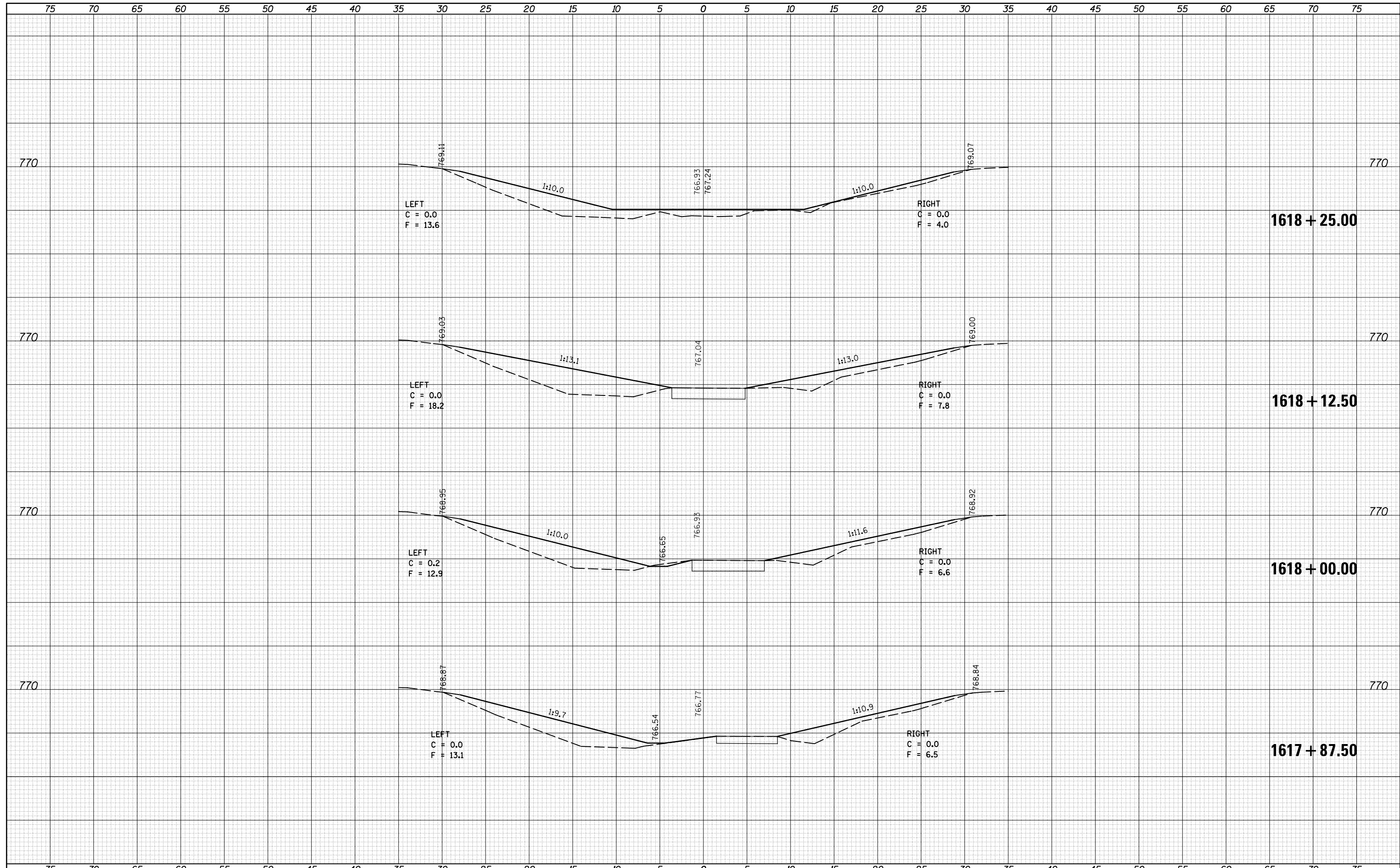
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED



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

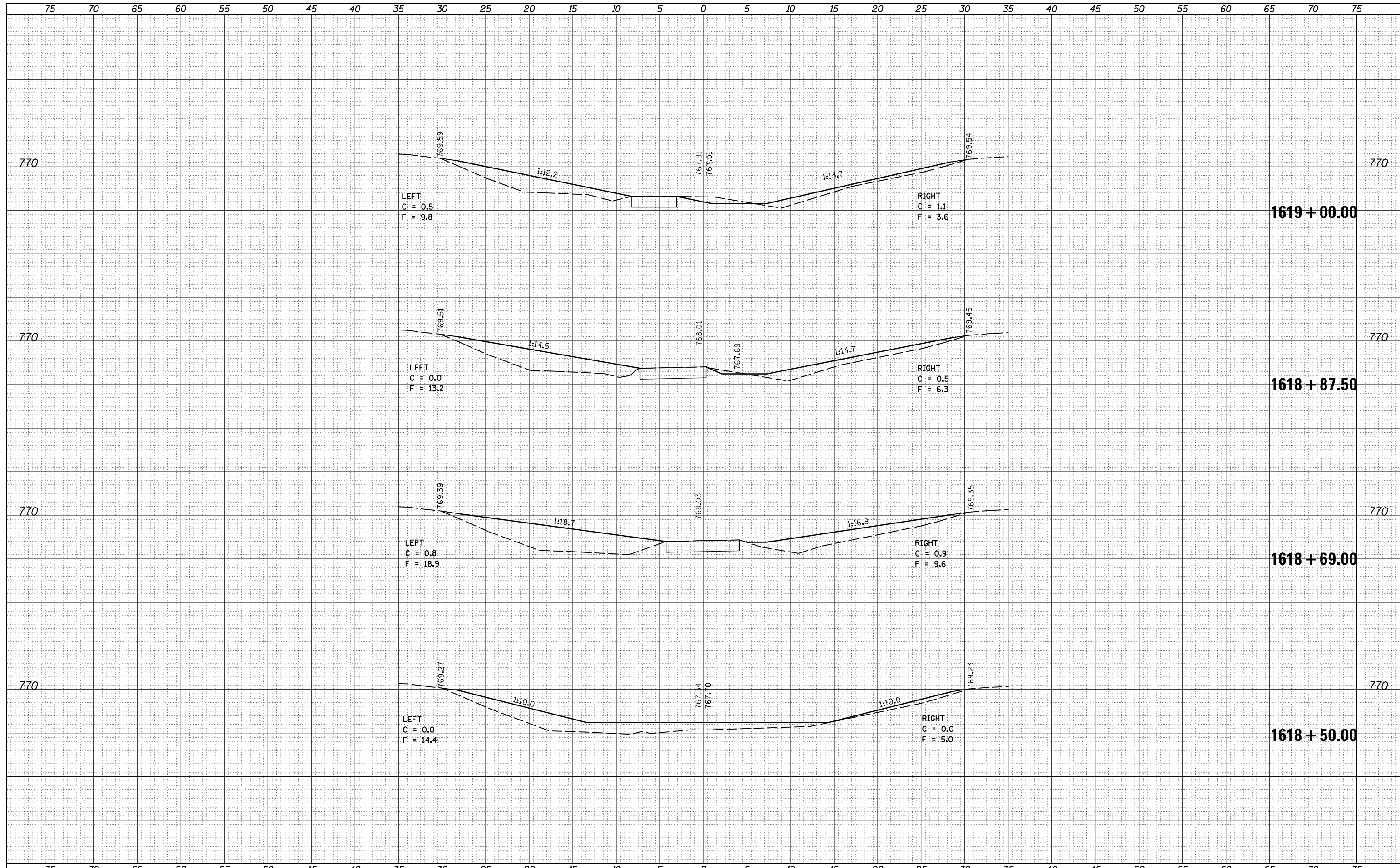
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ORIGINAL SURVEY NO.	
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TEMPLATE AREAS CHECKED	
NOTE BOOK AREAS CHECKED	



FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 MEDIAN CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570765\CD\DRAWING\0570765-sht-xs-median-new.dwg		REVISOR -	REVISED -			74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	95
PLOT SCALE = 10.0000 "/td> <td></td> <td>CHECKED -</td> <td>REVISED -</td> <td colspan="2">CONTRACT NO. 70765</td>		CHECKED -	REVISED -			CONTRACT NO. 70765				
PLOT DATE = 12/4/2015		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE:				SHEET 3 OF 17 SHEETS		STA. 1617+87.50 TO STA. 1618+25.00				

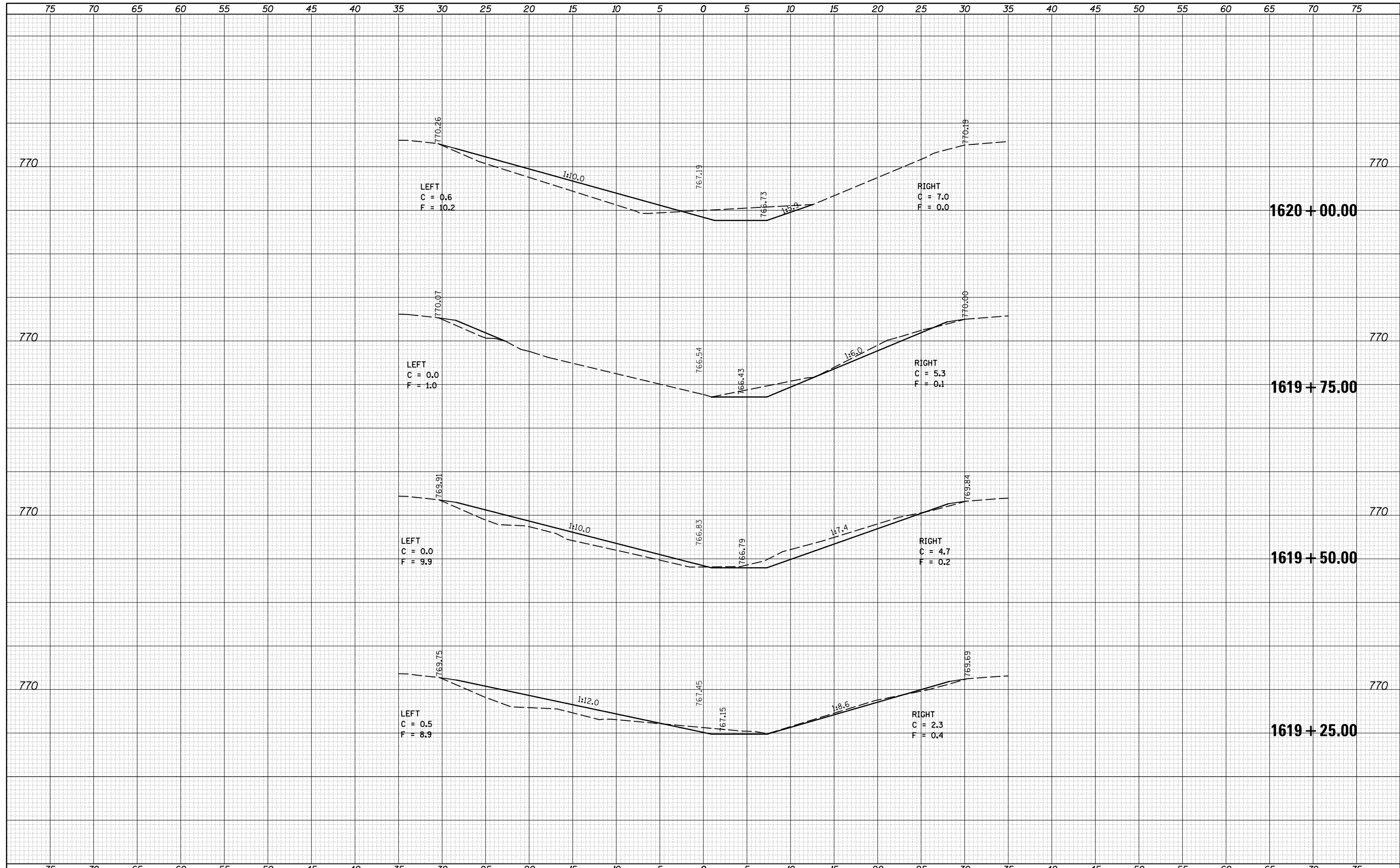
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

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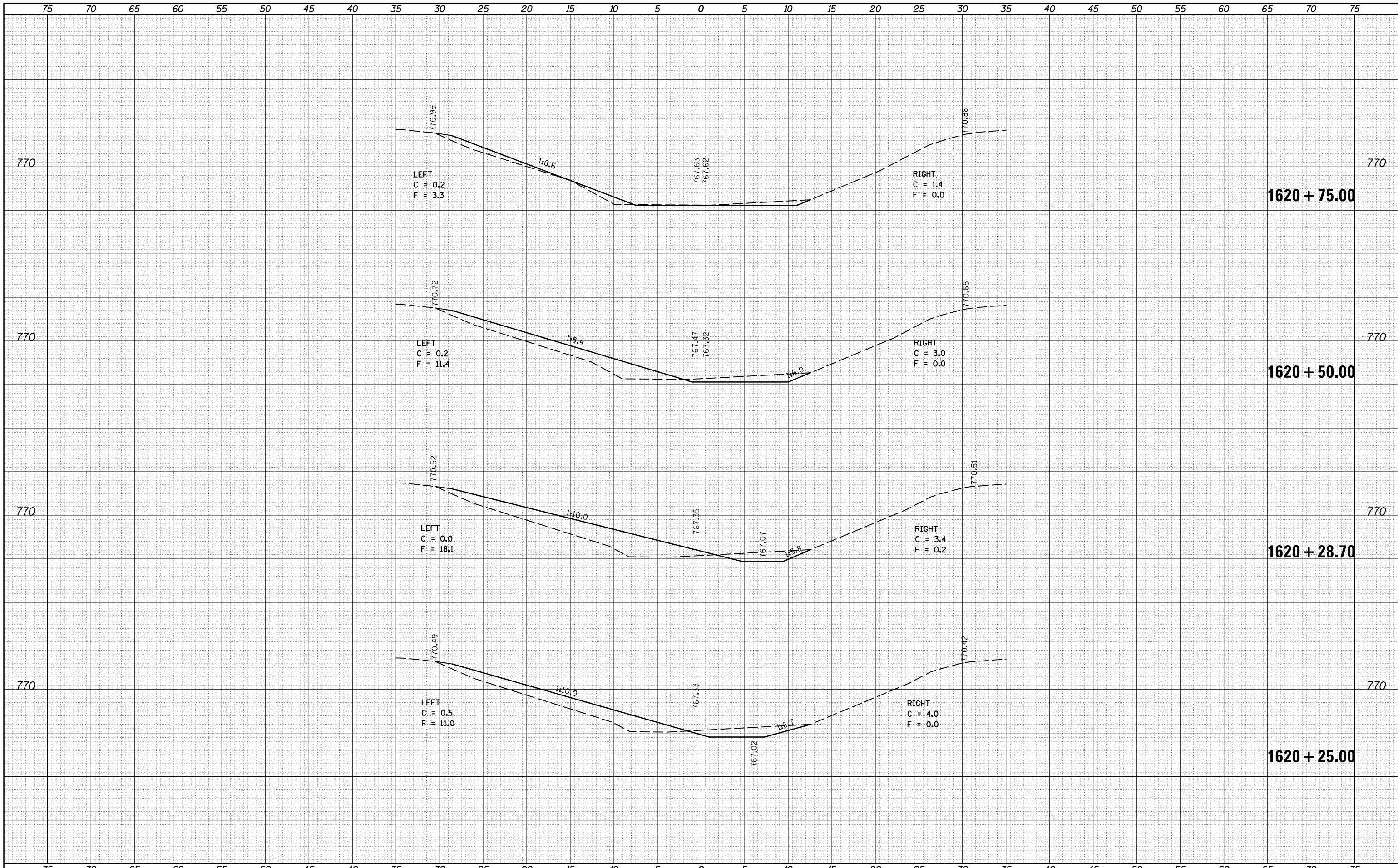
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FINAL SURVEY NO.	
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TEMPLATE AREAS CHECKED	
NOTE BOOK AREAS CHECKED	

DATE	
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ORIGINAL SURVEY NO.	
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FILE NAME = p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 5\Projects\0570765\CAD\DRAWING\0570765-sht-xs-median-new.dwg
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 DATE - 12/4/2015

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

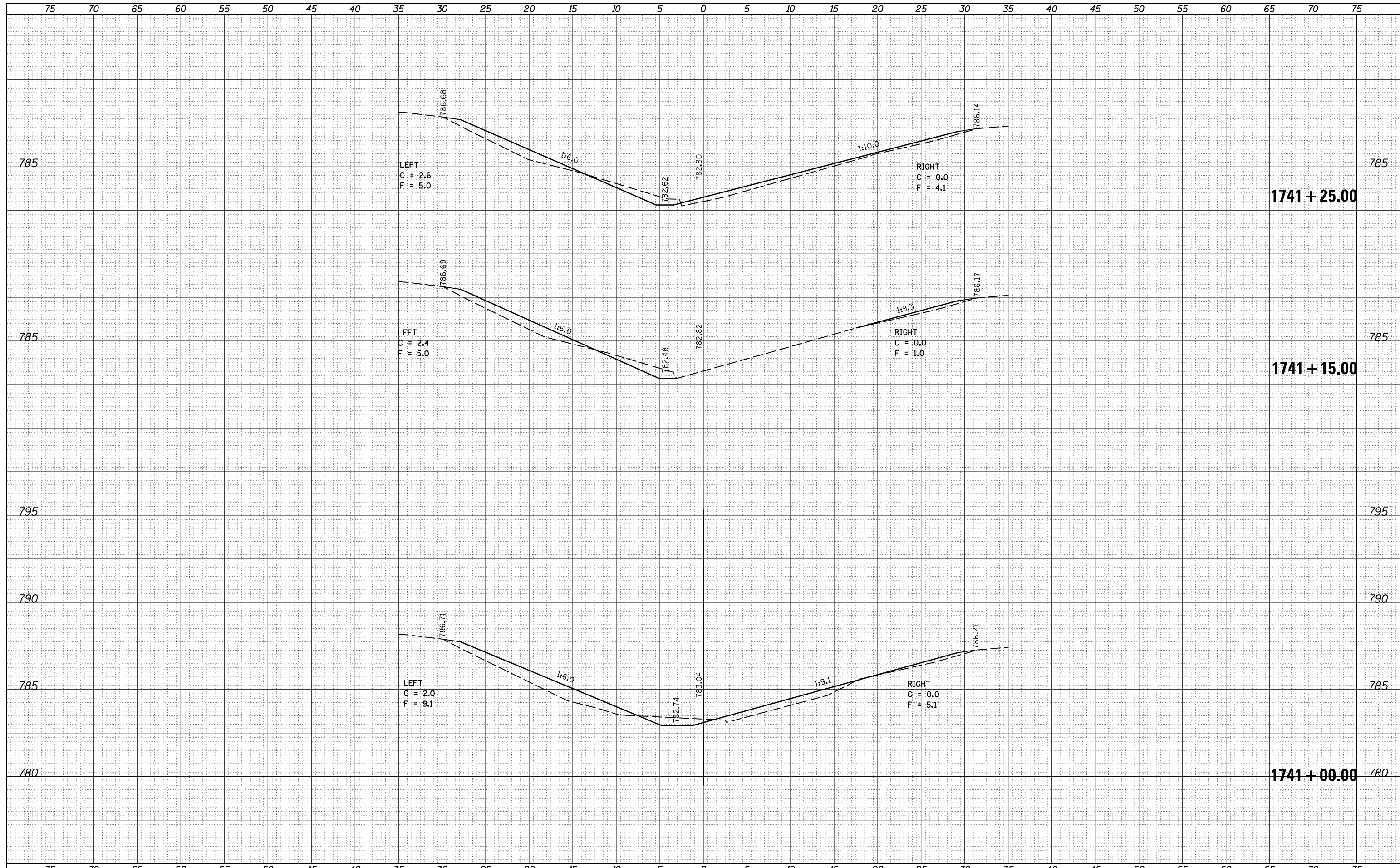
I-74 MEDIAN CROSS SECTIONS

SCALE: SHEET 6 OF 17 SHEETS STA. 1620+25.00 TO STA. 1620+75.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	98
			CONTRACT NO. 70765	
ILLINOIS FED. AID PROJECT				

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

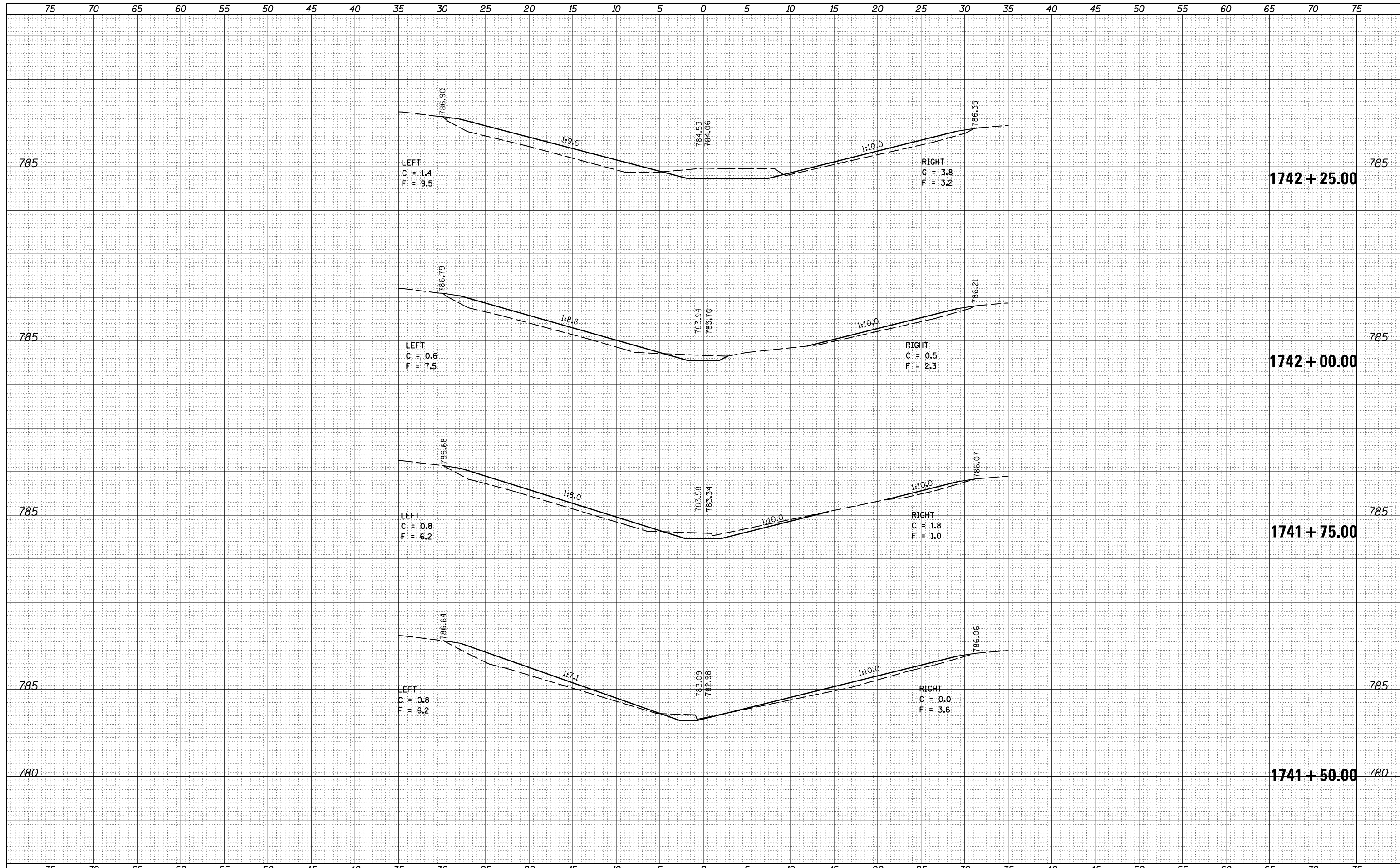
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME =	USER NAME = corrollr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 MEDIAN CROSS SECTIONS	F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.Illinois.gov\PIDOT\Documents\IDOT Offices\District 5\Projects\0570765\CD\DRAWING\0570765-sht-xs-median-new.dwg		REVISOR -	REVISOR -			74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	100
PLOT SCALE = 10.0000 "/td> <td></td> <td>CHECKED -</td> <td>REVISOR -</td> <td colspan="2">CONTRACT NO. 70765</td>		CHECKED -	REVISOR -			CONTRACT NO. 70765				
PLOT DATE = 12/4/2015		DATE -	REVISOR -			SCALE: SHEET 8 OF 17 SHEETS STA. 1741+00.00 TO STA. 1741+25.00				
						ILLINOIS FED. AID PROJECT				

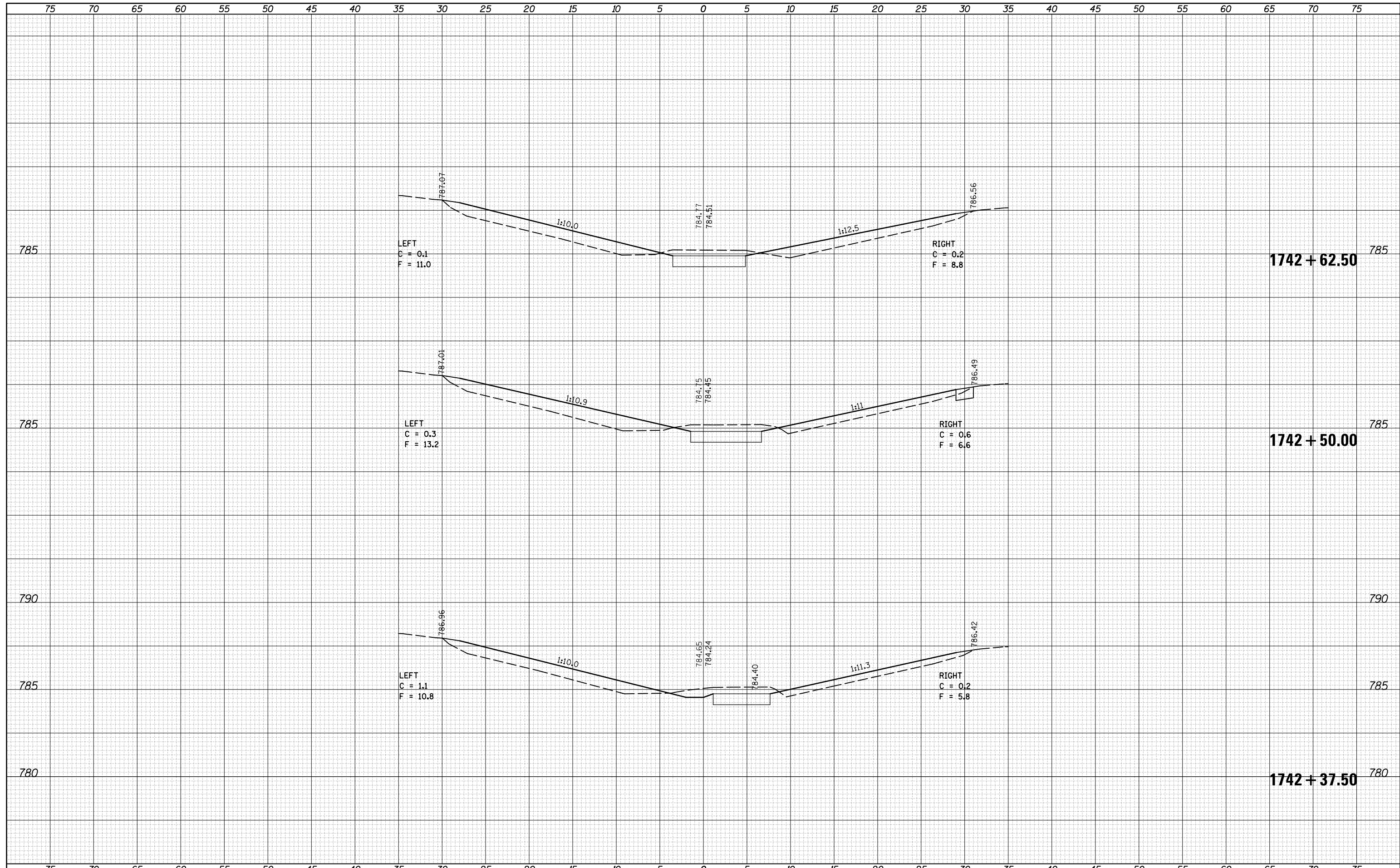
DATE	
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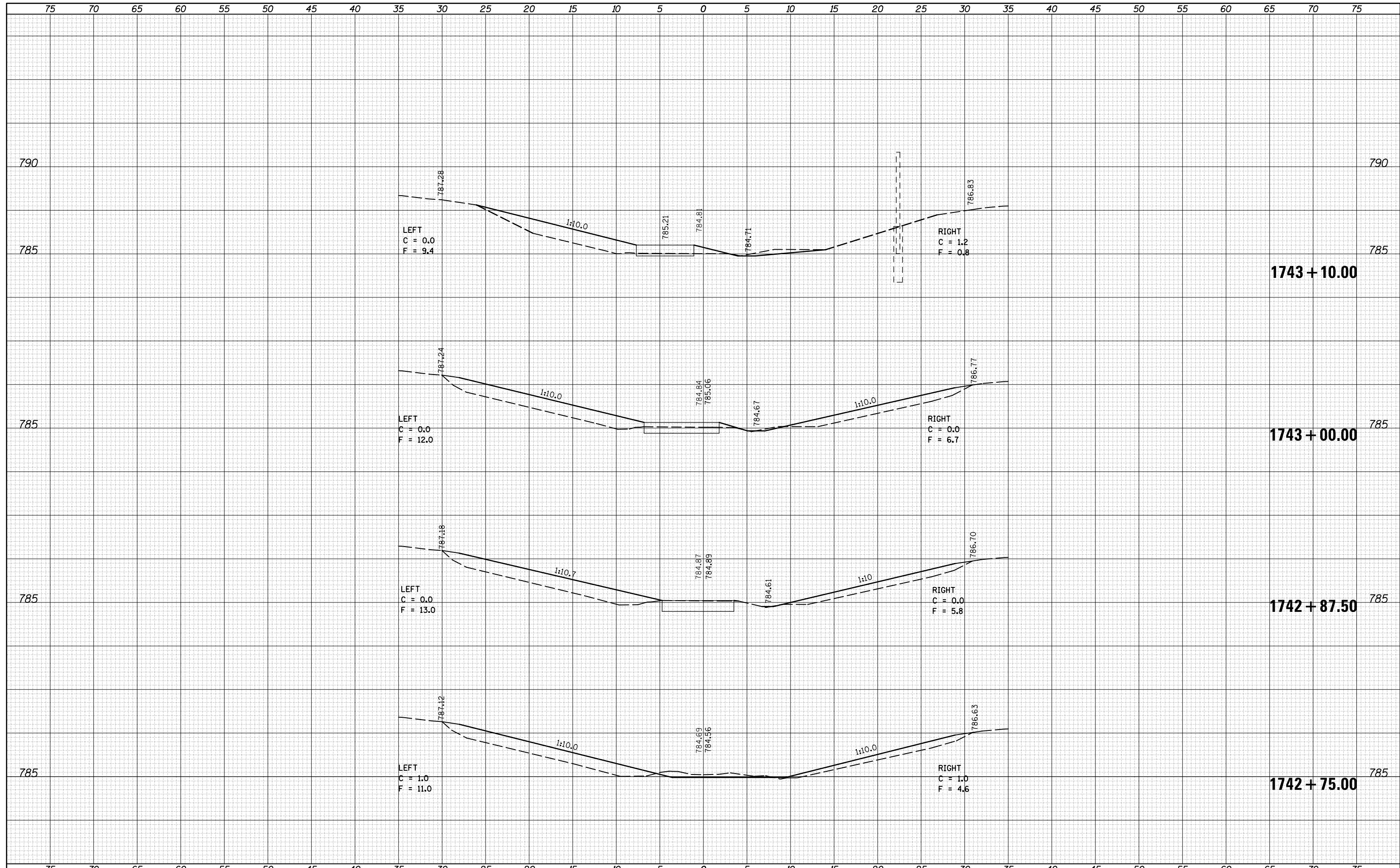
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NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
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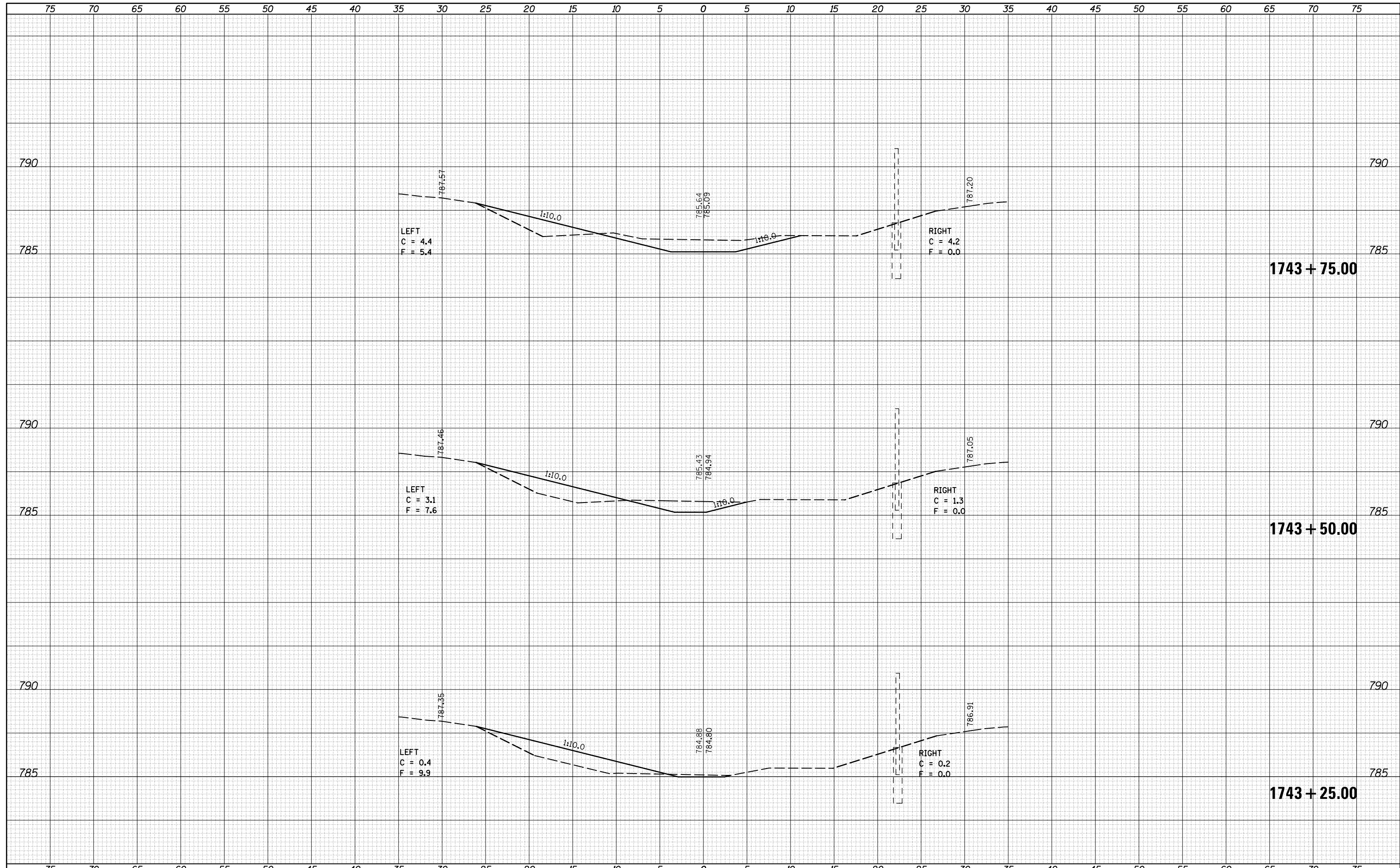
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FILE NAME =	USER NAME = carrollt	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-74 MEDIAN CROSS SECTIONS	F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.illinois.gov\PIDOT\Documents\IDOT Offices\District 5\Projects\0570765\CADD\Drawn\0570765-sht-xs-median-new.dwg		CHECKED -	REVISOR -		74	(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	103
MODELNAME		DATE -	REVISOR -		CONTRACT NO. 70765		ILLINOIS FED. AID PROJECT		
					SCALE:	SHEET 11 OF 17 SHEETS	STA. 1742+75.00 TO STA. 1743+10.00		

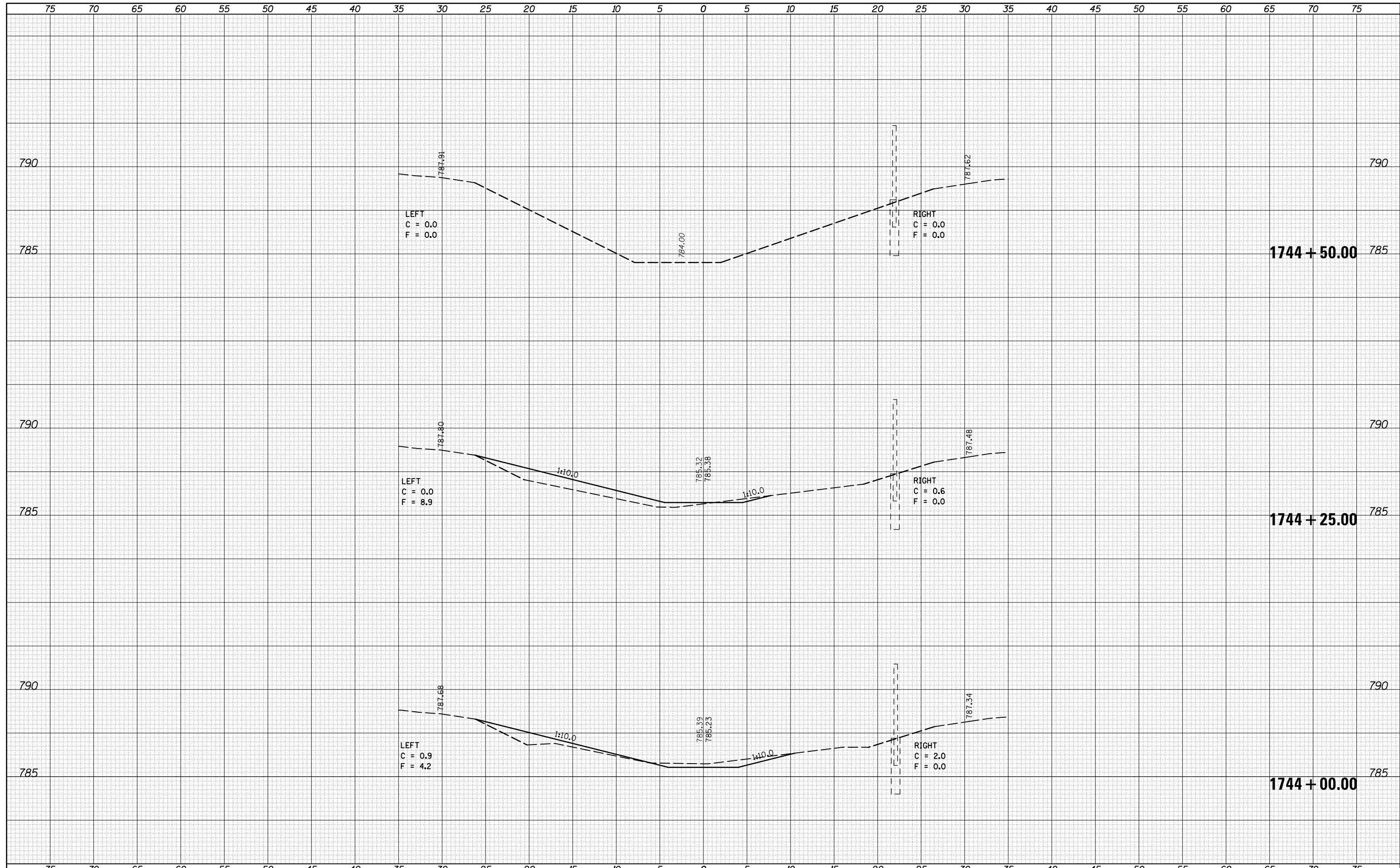
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NOTE BOOK	
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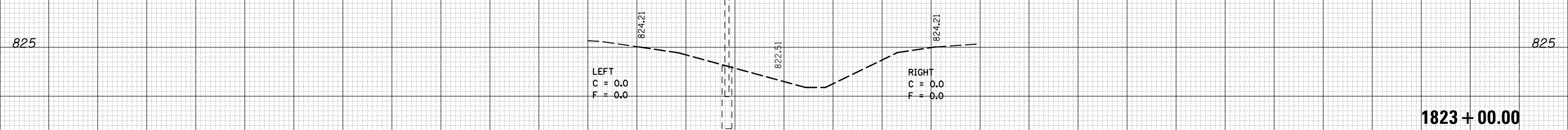
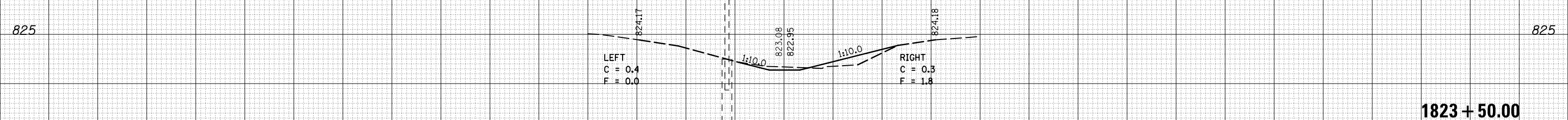
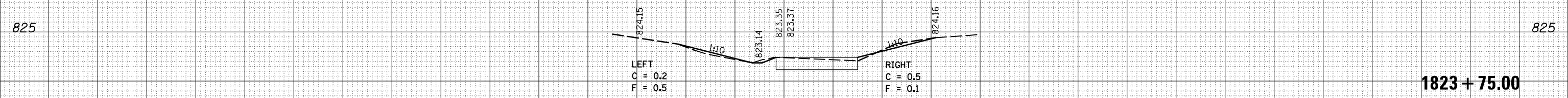
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FILE NAME =	USER NAME = carrollt	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 MEDIAN CROSS SECTIONS	F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570765\CADD\Drawn\0570765-sht-xs-median-new.dwg	DESIGNED -	REVISIED -	74			(74,10-4-1,10-4,10-5)RS	CHAMPAIGN	109	105	
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DATE = 12/4/2015	DATE -	REVISIED -	ILLINOIS FED. AID PROJECT							
SCALE:						SHEET 13 OF 17 SHEETS STA. 1744+00.00 TO STA.1744+50.00				

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

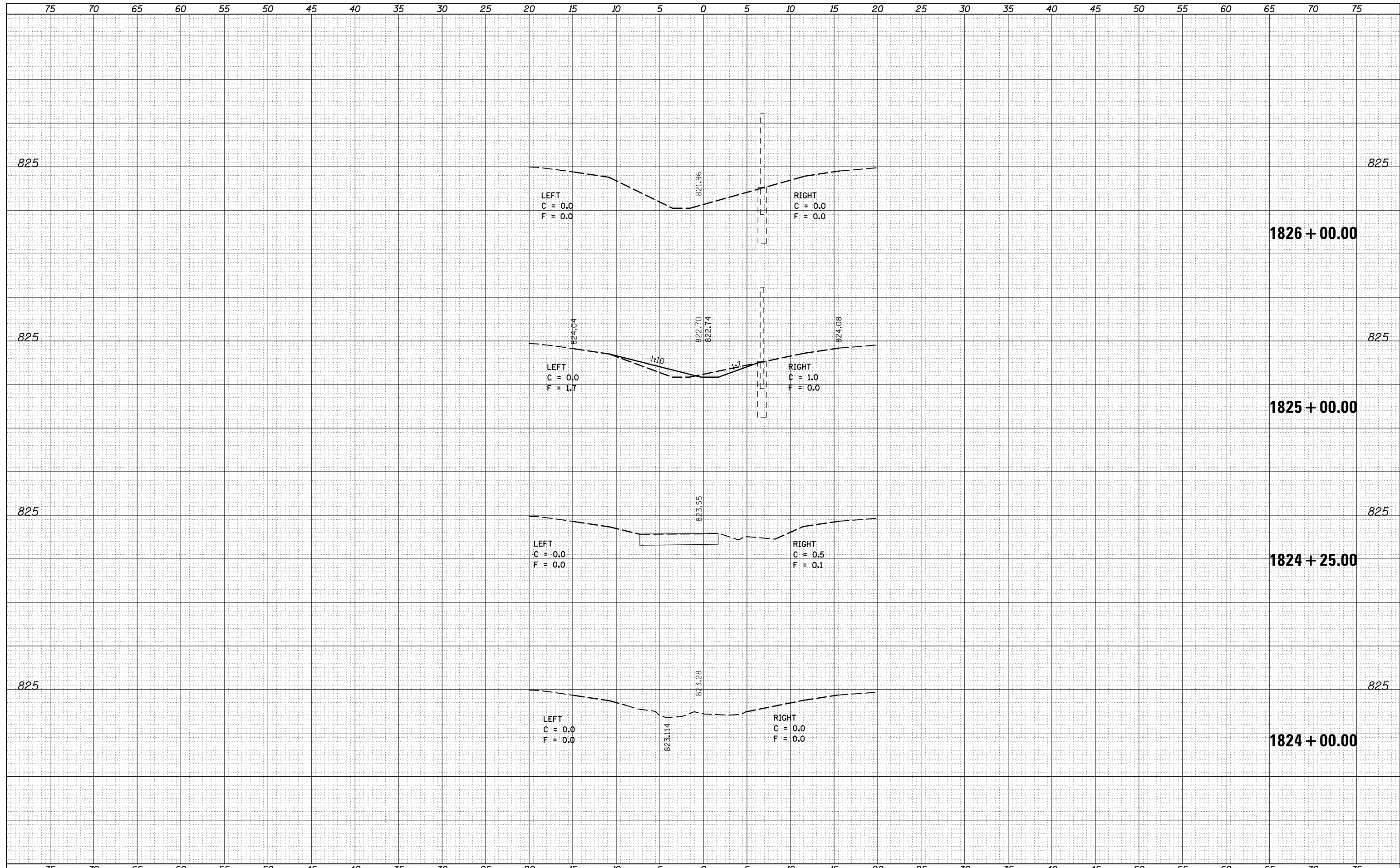
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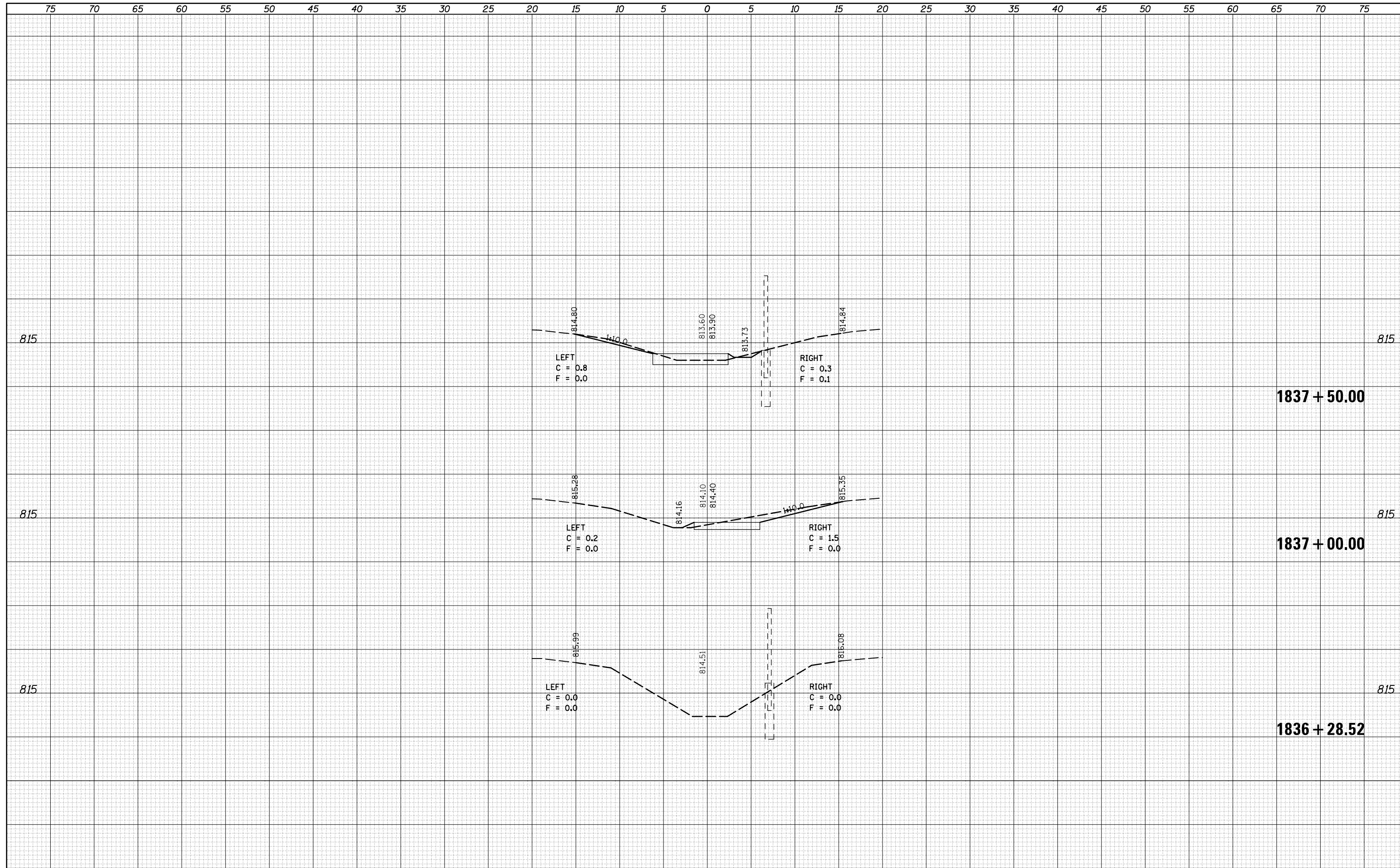
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75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

DATE	BY	SURVEYED	PLOTTED
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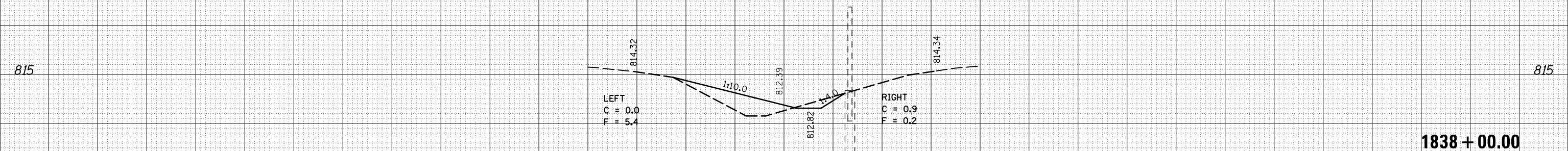


LEFT
C = 0.0
F = 0.0

RIGHT
C = 0.0
F = 0.0

1838 + 50.00

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



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