

1-18-13 LETTING ITEM 037

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 315 (US 136)
SECTION 119RS-4, 18RS & (57-10)RS
PROJECT ACNHF-0315(062)
RESURFACING (SMART)
MCLEAN COUNTY
LOGAN CO LINE TO I-55 AT MCLEAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	1
		ILLINOIS	CONTRACT NO. 70783	

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEETS 5-7

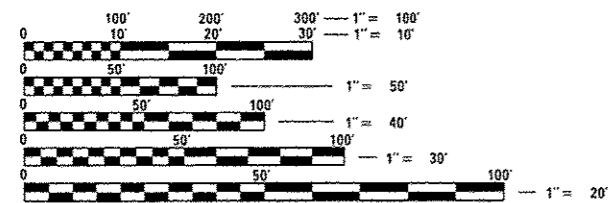
STRUCTURE INFORMATION

S.N.	SCOPE OF WORK
057-8006	HMA RESURFACING & RIPRAP
057-8007	HMA RESURFACING
057-8008	HMA RESURFACING
057-8009	HMA RESURFACING, DRAINAGE REPAIRS, RIPRAP
057-8010	HMA RESURFACING
057-8011	HMA RESURFACING
057-8012	HMA RESURFACING
057-8013	HMA RESURFACING
057-8014	HMA RESURFACING
057-8015	HMA RESURFACING, DRAINAGE REPAIRS, RIPRAP
057-8016	HMA RESURFACING

CURRENT ADT			
OTHER PRINCIPAL ARTERIAL	FAP 315 (US 136)		
	LEG "A"	LEG "B"	LEG "C"
ADT (2010)	3,200	3,900	6,000
SU%	9.0%	9.1%	12.1%
MU%	12.4%	11.0%	10.6%
PV%	78.6%	79.9%	77.3%

TRAFFIC DATA LOCATIONS			
OTHER PRINCIPAL ARTERIAL	FAP 315 (US 136)		
LEG "A"	= LOGAN COUNTY LINE TO FAS 1773 (OLD RTE 66).		
LEG "B"	= FAS 1773 (OLD RTE 66) TO FAS 1488 (MAIN ST)		
LEG "C"	= FAS 1488 (MAIN ST) TO FAI 55.		

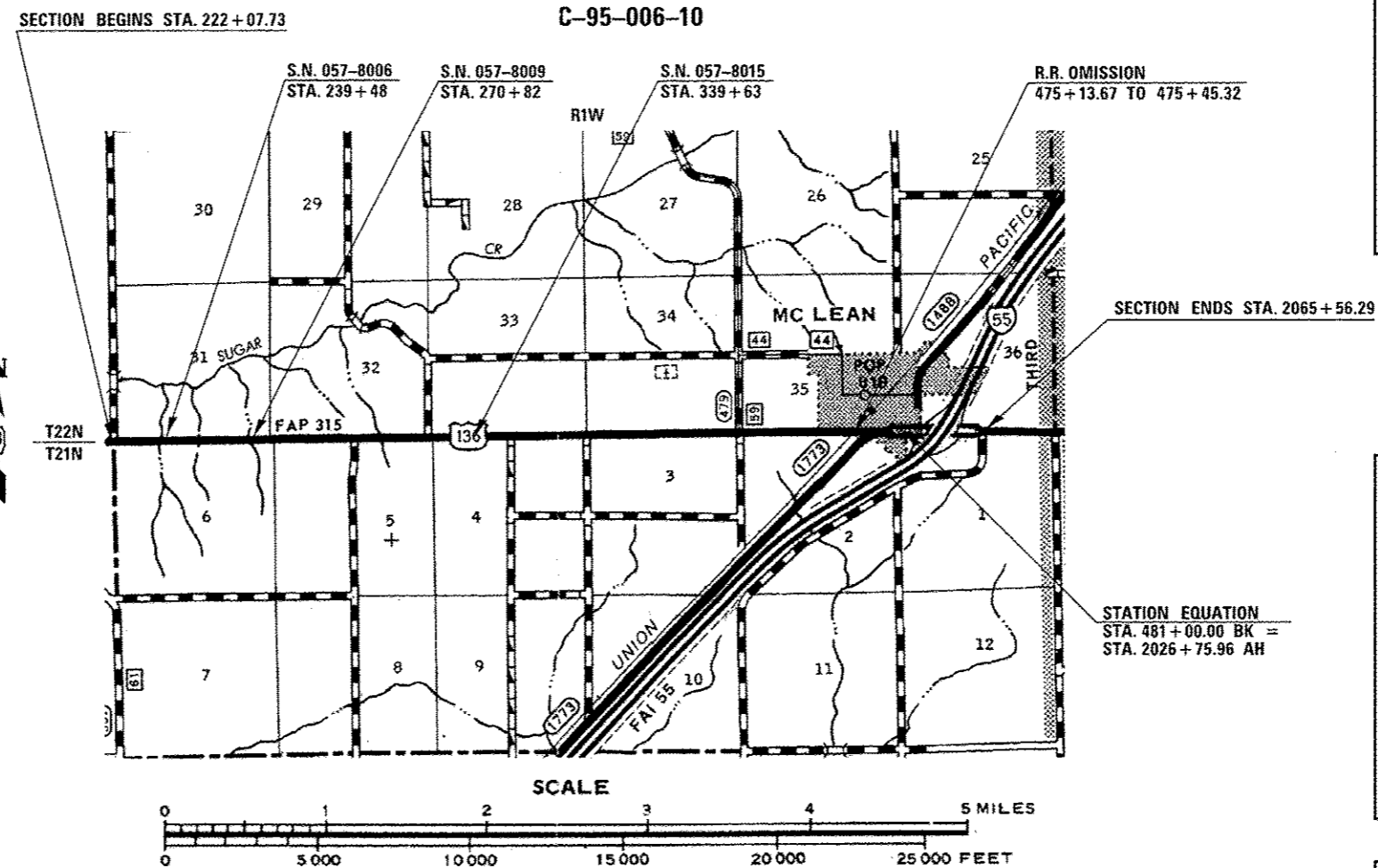
DESIGN DESIGNATION
N/A



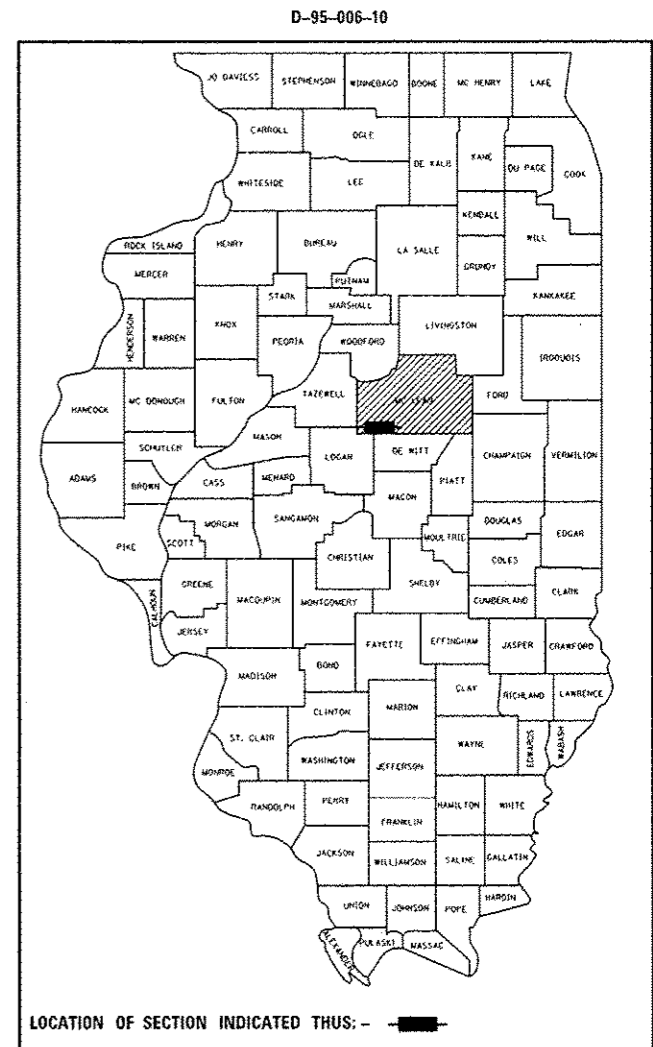
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: NANCY FASIG
SQUAD LEADER: STEVE COOMBS
DESIGNER: BEN OGLE
(217) 465-4181
CONTRACT NO. 70783



GROSS LENGTH = 29,772.60 FT. = 5.639 MILE
NET LENGTH = 29,740.95 FT. = 5.633 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 9, 2012

Joseph E. Crowe (CRAG)
DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER

Dec 7 2012
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 7 2012
William R. Frey, Jr.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

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LIST OF HIGHWAY STANDARDS

STANDARD	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
406201-01	MAILBOX TURNOUT
420701-02	PAVEMENT FABRIC
442101-07	CLASS B PATCHES
630001-10	STEEL PLATE BEAM GUARDRAIL
630101-09	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 M (15') AWAY
701006-04	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701011-03	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701456-02	PARTIAL RAMP CLOSURE FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-05	URBAN LANE CLOSURE, 2L, 2W, WITH BI-DIRECTIONAL LEFT TURN LANE
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-03	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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.-107.12
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

Mr. David W. McKernan
Manager Industry & Public Projects
Union Pacific Railroad
100 North Broadway, Suite 1500
St. Louis, MO 63102
(314) 331-0682

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD FLAGGER CONTACT IS:

Mr. Aaron Brown
Track Supervisor
Union Pacific Railroad
811 W. Chestnut
Bloomington, IL 61701
(402)-501-3734

G.N.-107.37
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123 OR 811.

G.N.-201
TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.

G.N.-280 (SPL)
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF 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.-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.-406.05b
ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-406H

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location(s):	US 136	US 136	US 136
Mixture Use(s):	SURFACE / INCIDENTAL / SHOULDERS	LEVEL BINDER	PARTIAL DEPTH & CLASS D PATCHING, BASE COURSE WIDENING
AC/PG:	PG 64-22	PG 64-22	PG 64-22
RAP %: (Max)**	15%	25%	25%
Design Air Voids:	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50
Mixture Composition: (Gradation Mixture)	IL 9.5	IL 9.5 FG	IL 19.0
Friction Aggregate:	MIX C	MIX C	N.A.

FILE NAME *	USER NAME * ogleb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\ogleb\2024\982\05707	03-shi-gennote.dgn	DRAWN -	REVISED -			315	119RS-4, 1BR5 & 457-10IRS	MCLEAN	225	3	
PLOT SCALE * 40,0000 1/16"		CHECKED -	REVISED -			CONTRACT NO. 70783					
PLOT DATE * 10/9/2012		DATE -	REVISED -			[ILLINOIS] FED. AID PROJECT					
						SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.	

GENERAL NOTES

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 MATERIAL PLACED AS HOT-MIX ASPHALT SHOULDERS SHALL BE COMPACTED TO 94.0 \diamond 98.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY. THIS REQUIREMENT SHALL APPLY TO IL 9.5L GRADATION SHOULDER MIXES AND OTHER MIXES (BOTTOM LIFT OF SHOULDERS). 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 MIXES AND OTHER MIXES USING STANDARD CORRELATION PROCEDURES.

G.N.-550

BEFORE ORDERING STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.-551

EXISTING STORM SEWERS SHALL BE REMOVED IN ACCORDANCE WITH SECTION 551 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONTRACTOR WILL NOT BE REQUIRED TO SALVAGE ANY EXISTING SEWER PIPE.

G.N.-667

THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS.

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

NO COMMITMENTS

FILE NAME =	USER NAME = oglobj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cf:\p\work\p\wido\oglobj\d0244982\05707	3-shit-gannote.dgn	DRAWN -	REVISED -						315	118RS-4, 18RS & (57-10)RS	MCLEAN	225	4
	PLOT SCALE = 40.0000' / 1" =	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 70783				
	PLOT DATE = 10/9/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

SUMMARY OF QUANTITIES

LOCATION OF WORK: MCLEAN CO.
 FAP 315 (US 136)
 RURAL TWO LANE
 FUNDING BREAKOUT: 80 % FED / 20 % STATE
 CONSTRUCTION TYPE CODE: 0005

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	15.0
20400800	FURNISHED EXCAVATION	CU YD	1,422.0
21400100	GRADING & SHAPING DITCHES	FOOT	153.0
* 25000210	SEEDING, CLASS 2A	ACRE	4.5
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	405.0
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	405.0
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	405.0
* 25100115	MULCH, METHOD 2	ACRE	3.75
* 25100630	EROSION CONTROL BLANKET	SQ YD	3,371.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	450.0
28000305	TEMPORARY DITCH CHECKS	FOOT	3,030.0
28100107	STONE RIPRAP, CLASS A4	SQ YD	131.0
28100109	STONE RIPRAP, CLASS A5	SQ YD	110.0
28200200	FILTER FABRIC	SQ YD	241.0

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

LOCATION OF WORK: MCLEAN CO.
 FAP 315 (US 136)
 RURAL TWO LANE
 FUNDING BREAKOUT: 80 % FED / 20 % STATE
 CONSTRUCTION TYPE CODE: 0005

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	10,798.0
40600300	AGGREGATE (PRIME COAT)	TON	211.0
40600627	LEVELING BINDER (MACHINE METHOD), IL-4.5.FG N50	TON	843.0
40600895	CONSTRUCTING TEST STRIP	EACH	1.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	159.0
40600990	TEMPORARY RAMP	SQ YD	153.0
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	7,827.0
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	466.0
40800030	AGGREGATE (PRIME COAT)	TON	10.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	392.0
42001200	PAVEMENT FABRIC	SQ YD	337.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	78,282.0
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	526.0
44004000	PAVED DITCH REMOVAL	FOOT	153.0
44022041	PARTIAL DEPTH REMOVAL, 6"	SQ YD	43.0

SUMMARY OF QUANTITIES

LOCATION OF WORK: MCLEAN CO.
 FAP 315 (US 136)
 RURAL TWO LANE
 FUNDING BREAKOUT: 80 % FED / 20 % STATE
 CONSTRUCTION TYPE CODE: 0005

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
44022051	PARTIAL DEPTH REMOVAL 8 1/2"	SQ YD	682.0
44200934	CLASS B PATCH, TYPE II, 8 INCH	SQ YD	450.0
44200942	CLASS B PATCH, TYPE III, 8 INCH	SQ YD	243.0
44200944	CLASS B PATCH, TYPE IV, 8 INCH	SQ YD	94.0
44201299	DOWEL BARS 1 1/2"	EACH	1,642.0
44213200	SAW CUTS	FOOT	3,751.0
44213208	TIE BARS 1 1/4"	EACH	60.0
48101200	AGGREGATE SHOULDER, TYPE B	TON	834.0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	129.0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	968.0
54248510	CONCRETE COLLAR	CU YD	0.5
55100400	STORM SEWER REMOVAL 10"	FOOT	36.0
60255500	MANHOLES TO BE ADJUSTED	EACH	1.0
60624610	CORRUGATED MEDIAN (DOWELLED)	SQ. FT.	526.0

SUMMARY OF QUANTITIES

LOCATION OF WORK: MCLEAN CO.
 FAP 315 (US 136)
 RURAL TWO LANE
 FUNDING BREAKOUT: 80 % FED / 20 % STATE
 CONSTRUCTION TYPE CODE: 0005

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
61101011	STORM SEWERS PROTECTED, CLASS A, 10"	FOOT	36.0
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2,050.0
* 63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	175.0
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) TANGENT	EACH	21.0
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) FLARED	EACH	1.0
63200310	GUARDRAIL REMOVAL	FOOT	3,252.0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	4.0
67100100	MOBILIZATION	L SUM	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1.0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0

* SPECIALTY ITEM

FILE NAME: c:\pwworkh\pwworkh\egleby\d0244982\05707	USER NAME: egleby	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
315	119RS-4, 1BRS & 157-101RS	MCLEAN	225					6				
PLOT SCALE: 1/8" = 1'-0"	CHECKED: -	REVISED: -	REVISED: -		SCALE:	SHEET NO. OF SHEETS:	STA. TO STA.:	CONTRACT NO. 70783				
PLOT DATE: 10/19/2012	DATE: -	REVISED: -	REVISED: -		ILLINOIS FED. AID PROJECT							

SUMMARY OF QUANTITIES

LOCATION OF WORK: MCLEAN CO.
 FAP 315 (US 136)
 RURAL TWO LANE
 FUNDING BREAKOUT: 80 % FED / 20 % STATE
 CONSTRUCTION TYPE CODE: 0005

CODE NO. ITEM DESCRIPTION UNIT TOTAL QUANTITY

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	6,255.0
* 70300210	TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	388.0
* 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	93,931.0
* 70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	313.0
* 70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	265.0
* 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	148.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,142.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	388.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15,548.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	313.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	265.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	148.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	78,384.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	440.0

SUMMARY OF QUANTITIES

LOCATION OF WORK: MCLEAN CO.
 FAP 315 (US 136)
 RURAL TWO LANE
 FUNDING BREAKOUT: 80 % FED / 20 % STATE
 CONSTRUCTION TYPE CODE: 0005

CODE NO. ITEM DESCRIPTION UNIT TOTAL QUANTITY

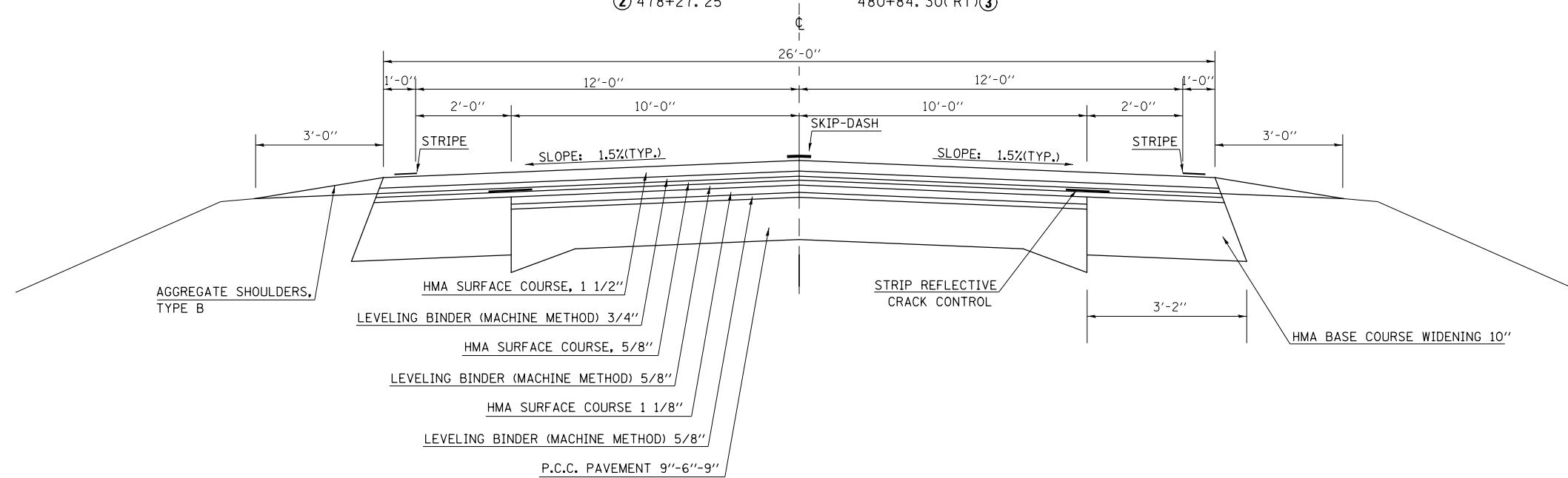
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	49.0
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	22.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	345.0
X8823260	SEDIMENT BASIN	EACH	83.0
X2020110	GRADING & SHAPING SHOULDERS	UNITS	507.0
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	4,647.0
X4404260	PAVED SHOULDER REMOVAL, SPECIAL	SQ YD	407.0
X4421000	PARTIAL DEPTH PATCHING	TON	335.0
XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH	5.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	6.0
Z0070202	SURVEY MARKER VAULT	EACH	6.0
* SPECIALTY ITEMS			

EXISTING TYPICAL SECTION ①

EXISTING HMA SHOULDER TO REMAIN IN PLACE
222+07.73 TO 223+03.09

LOGAN CO. LINE TO I-55 IN MCLEAN

STATION	TO	STATION
222+07.73		472+96.00 ②
② 478+27.25		480+71.50(LT)③
② 478+27.25		480+84.30(RT)③



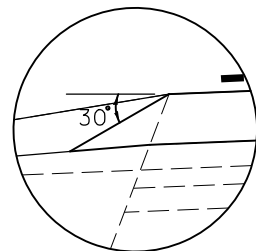
PROPOSED TYPICAL SECTION ①

EXISTING HMA SHOULDER TO REMAIN IN PLACE
222+07.73 TO 223+03.09

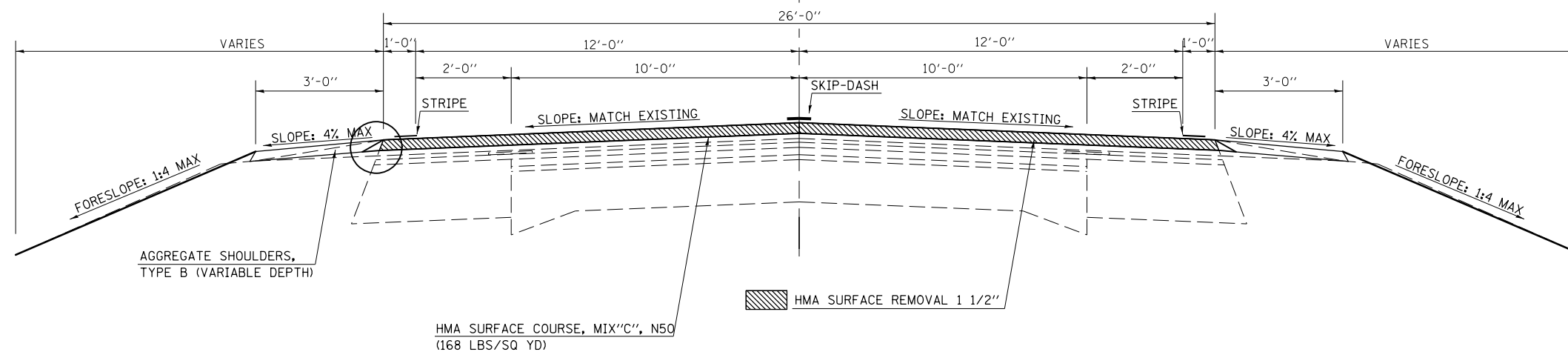
LOGAN CO. LINE TO I-55 IN MCLEAN

STATION	TO	STATION
222+07.73		472+96.00 ②
**② 478+27.25		480+71.50(LT)③
**② 478+27.25		480+84.30(RT)③

** PROPOSED AGGREGATE SHOULDER SHALL BE TYPE B, WEDGE
478+27.25 TO 480+71.50 (LT)
478+27.25 TO 480+84.30 (RT)



SAFETY EDGE DETAIL



PLAN NOTE:
THE EXISTING SHOULDER SHALL BE BLADED IN ORDER TO REMOVE AGGREGATE MATERIAL TO A DEPTH LEVEL WITH THE FINAL MILLED HMA SURFACE AND SHAPED TO ALLOW FOR THE HMA SAFETY EDGE TO BE PLACED CONCURRENTLY WITH THE HMA SURFACE COURSE. THE GRADED MATERIAL SHALL REMAIN IN PLACE AND BE UTILIZED IN FINAL SHOULDER SHAPING.

FILE NAME =	USER NAME = ogiebj	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 10/9/2012		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

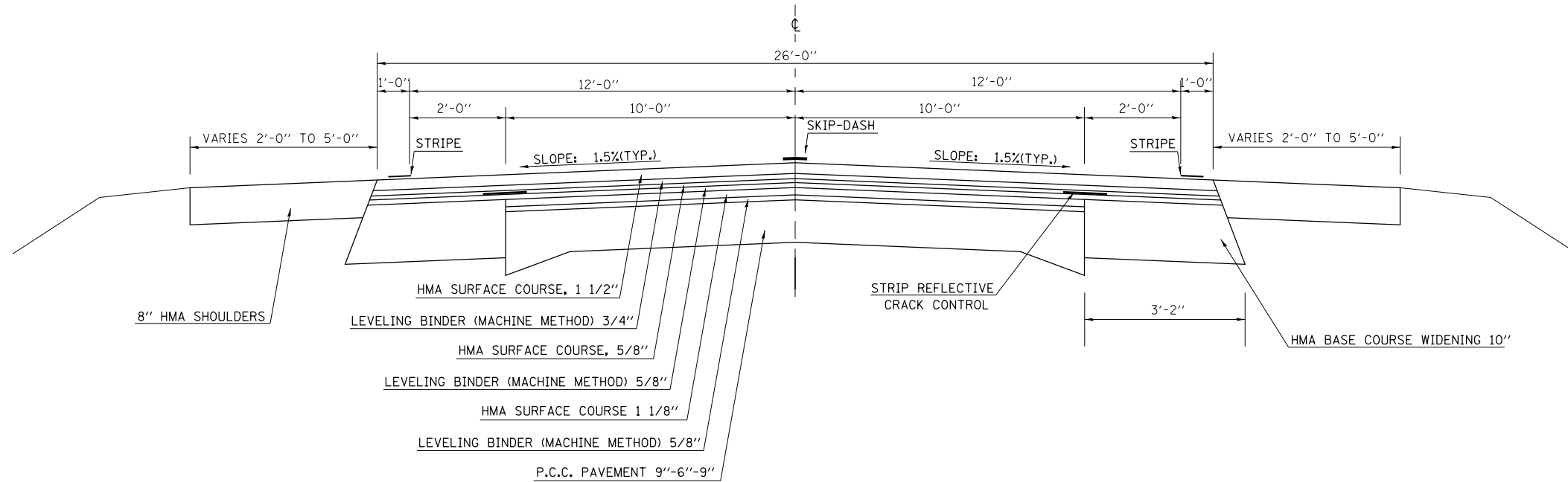
SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	8
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION ②

LOGAN CO. LINE TO I-55 IN MCLEAN

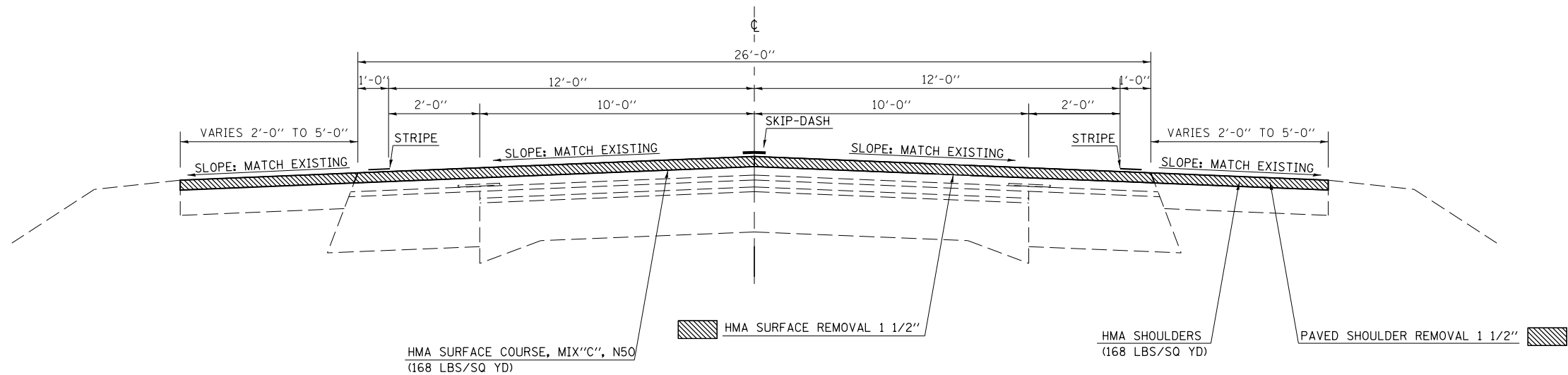
STATION ① 472+96.00 (RR OMISSION) 475+45.32	TO	STATION 475+13.67 (RR OMISSION) 478+27.25 ①
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PROPOSED TYPICAL SECTION ②

LOGAN CO. LINE TO I-55 IN MCLEAN

STATION ① 472+96.00 (RR OMISSION) 475+45.32	TO	STATION 475+13.67 (RR OMISSION) 478+27.25 ①
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FILE NAME =	USER NAME = ogleb.j	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 10/9/2012		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

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

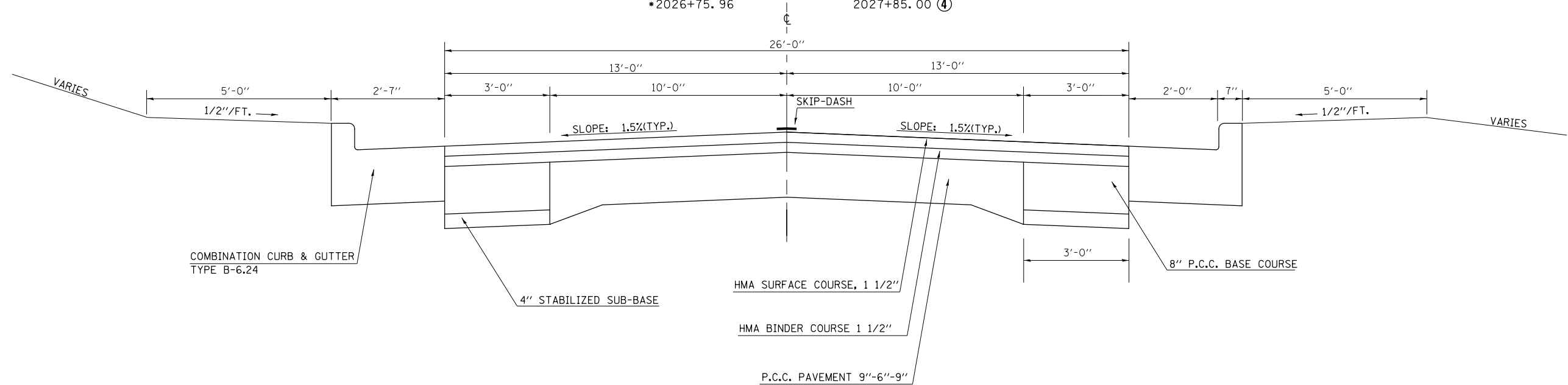
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	9
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION ③

LOGAN CO. LINE TO I-55 IN MCLEAN

*STATION EQUATION
STA. 481+00.00(BK) = STA. 2026+75.96(AH)

STATION	TO	STATION
① 480+71.50(LT)		481+00.00*
① 480+84.30(RT)		481+00.00*
*2026+75.96		2027+85.00 ④

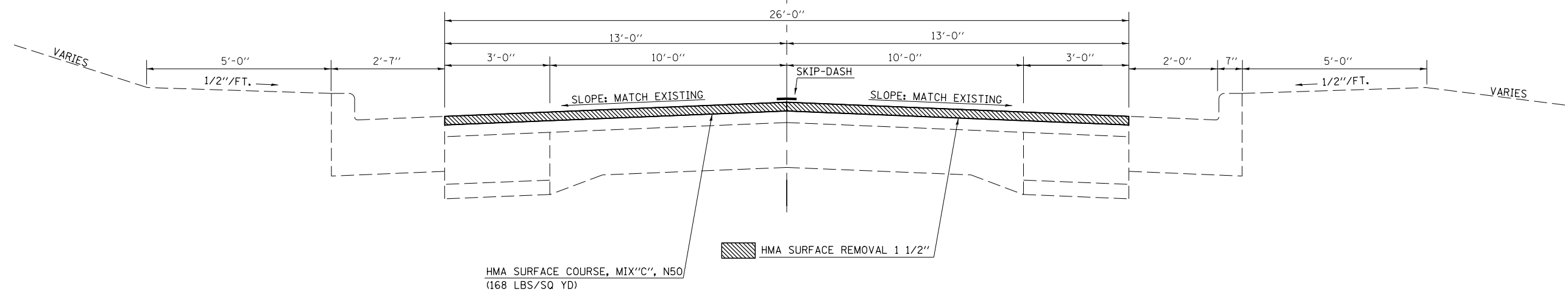


PROPOSED TYPICAL SECTION ③

LOGAN CO. LINE TO I-55 IN MCLEAN

*STATION EQUATION
STA. 481+00.00(BK) = STA. 2026+75.96(AH)

STATION	TO	STATION
① 480+71.50(LT)		481+00.00*
① 480+84.30(RT)		481+00.00*
*2026+75.96		2027+85.00 ④



FILE NAME =	USER NAME = ogiebj	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 10/9/2012		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

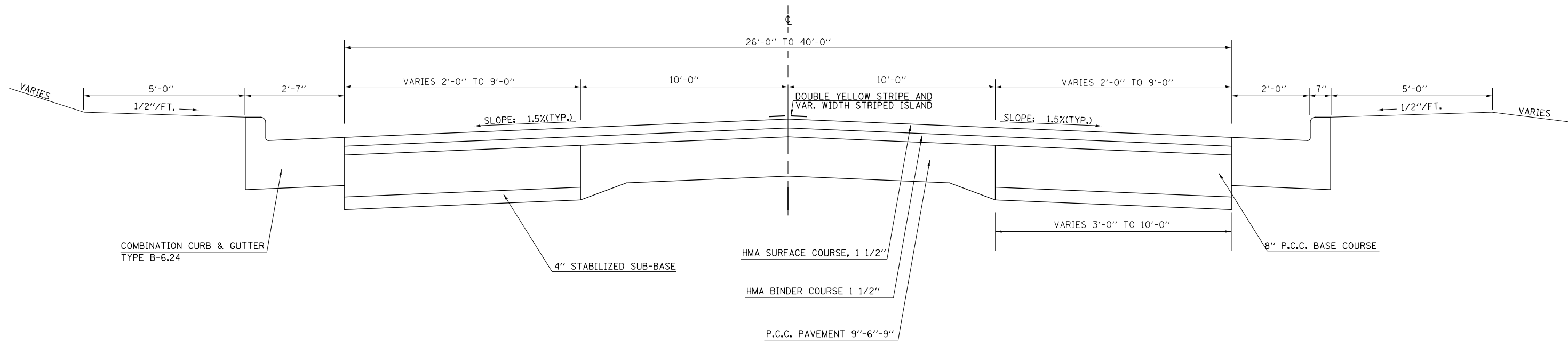
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	10
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION ④

LOGAN CO. LINE TO I-55 IN MCLEAN

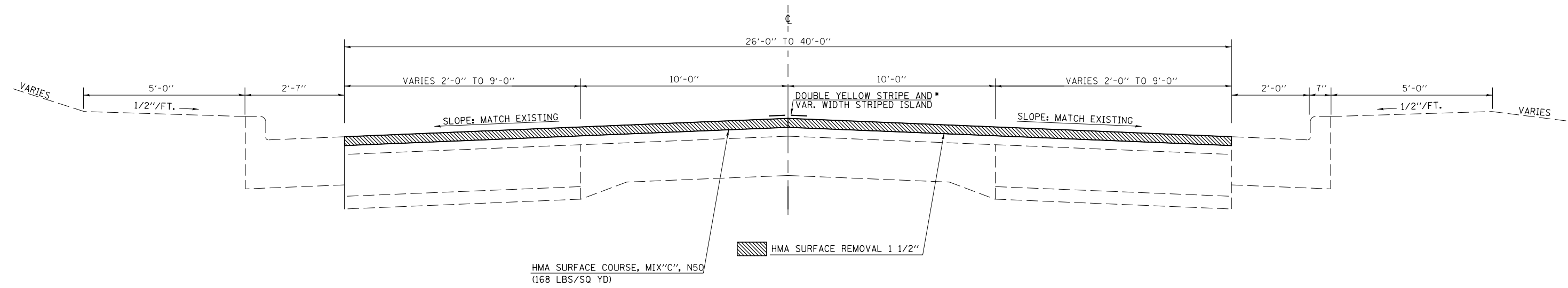
STATION TO STATION
 ③ 2027+85.00 2029+85.00 ⑤



PROPOSED TYPICAL SECTION ④

LOGAN CO. LINE TO I-55 IN MCLEAN

STATION TO STATION
 ③ 2027+85.00 2029+85.00 ⑤



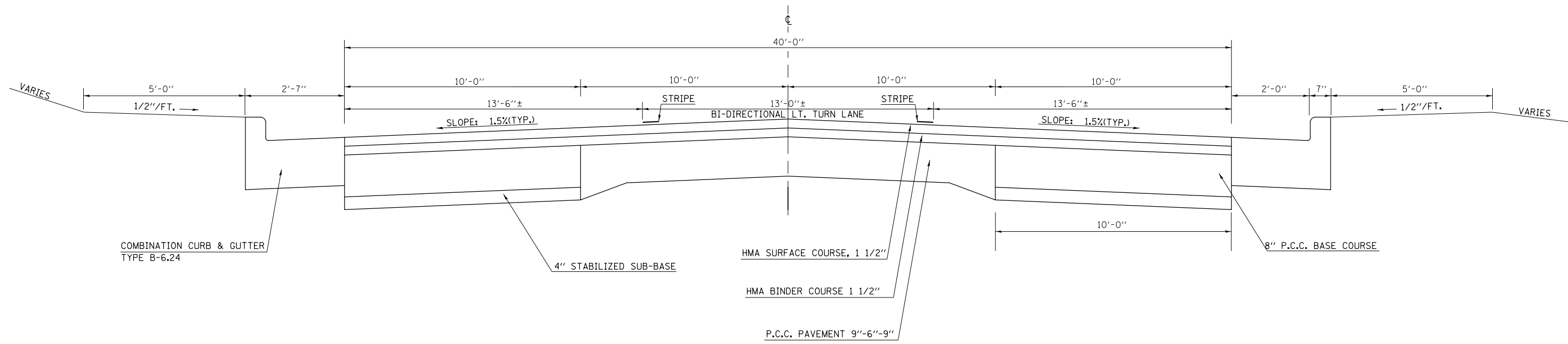
*SEE STRIPING DETAIL FOR LOCATION OF ISLAND STRIPING

FILE NAME =	USER NAME = oglebj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\oglebj\d0244982\0570783-sh-typical.dgn		DRAWN -	REVISED -		315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	11			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 70783							
PLOT DATE = 10/9/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

EXISTING TYPICAL SECTION 5

LOGAN CO. LINE TO I-55 IN MCLEAN

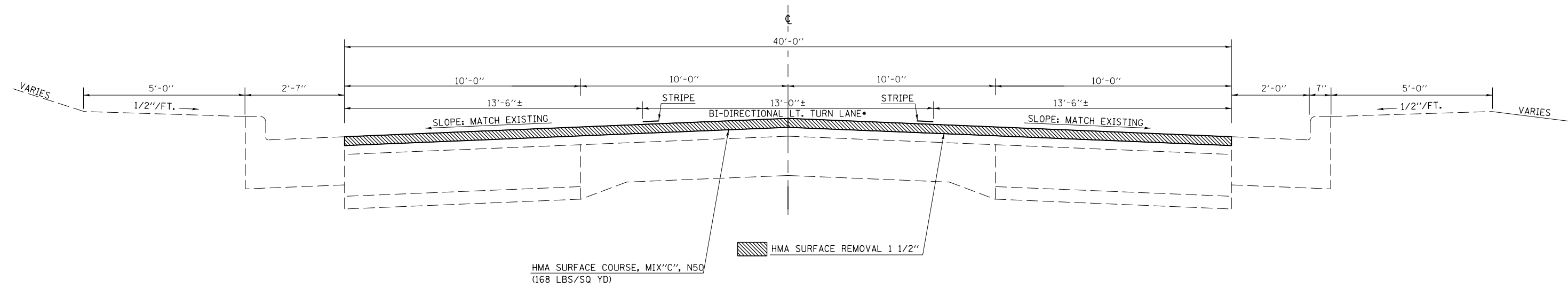
STATION TO STATION
 ④ 2029+85.00 2035+55.09 ⑥



PROPOSED TYPICAL SECTION 5

LOGAN CO. LINE TO I-55 IN MCLEAN

STATION TO STATION
 ④ 2029+85.00 2035+55.09 ⑥



*SEE STRIPING DETAIL FOR LOCATION OF TURN LANE STRIPING

FILE NAME =	USER NAME = oglebj	DESIGNED -	REVISED -
ei:\pw\work\p\dot\oglebj\d0244982\0570783-sh-typical.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 10/9/2012		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

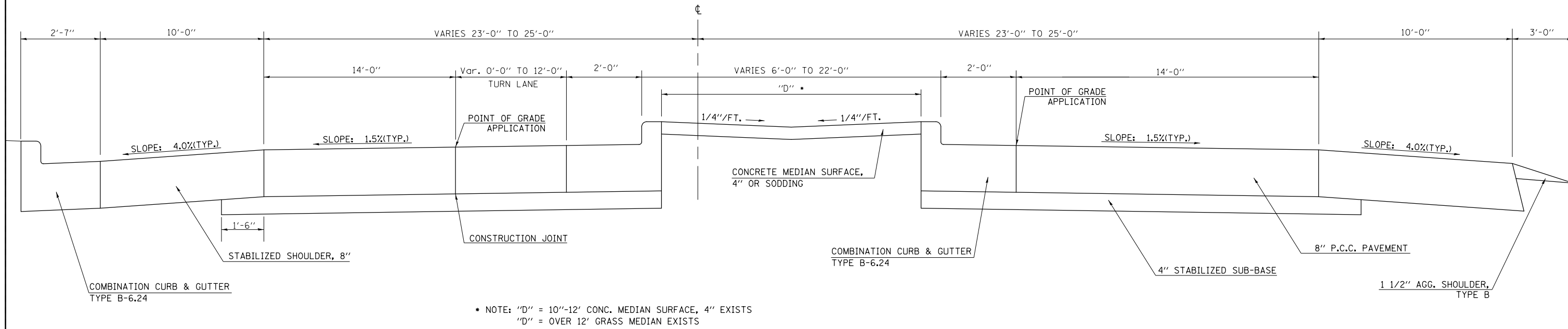
TYPICAL CROSS SECTIONS	
SCALE: _____	SHEET NO. ____ OF ____ SHEETS
STA. _____ TO STA. _____	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	12
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION ⑥

LOGAN CO. LINE TO I-55 IN MCLEAN

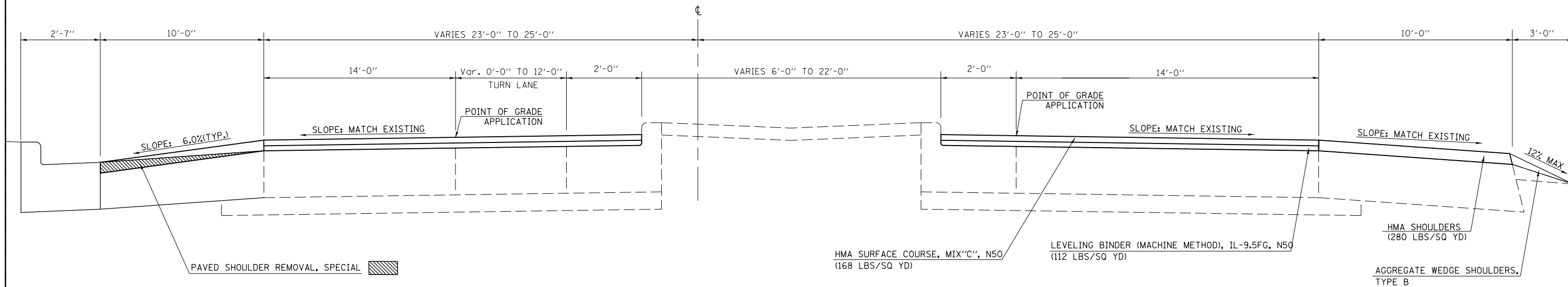
STATION TO STATION
 ⑤ 2035+55.09 TO 2039+17.00 ⑦



PROPOSED TYPICAL SECTION ⑥

LOGAN CO. LINE TO I-55 IN MCLEAN

STATION TO STATION
 ⑤ 2035+55.09 TO 2063+96.21 ⑦



FILE NAME =	USER NAME = oglebj	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 10/9/2012		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

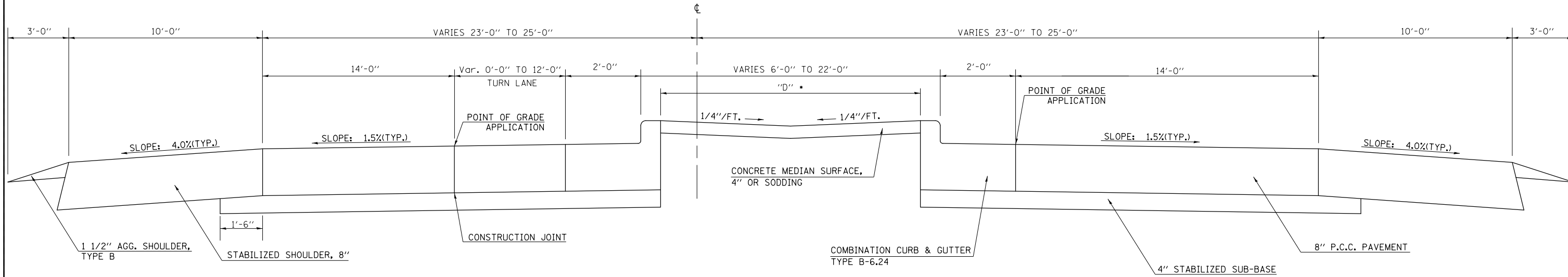
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	13
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION 7

LOGAN CO. LINE TO I-55 IN MCLEAN

STATION TO STATION
 ⑥ 2039+17.09 ⑧ 2063+96.21

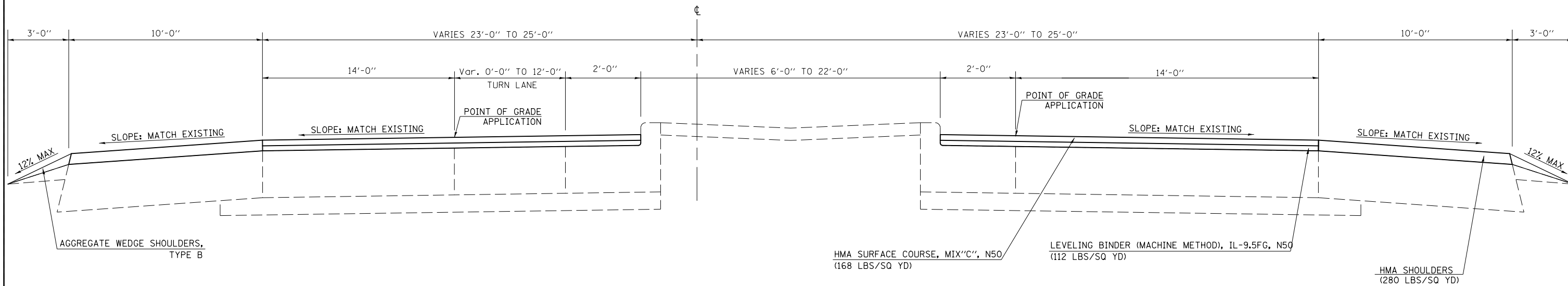


• NOTE: "D" = 10"-12' CONC. MEDIAN SURFACE, 4" EXISTS
 "D" = OVER 12' GRASS MEDIAN EXISTS

PROPOSED TYPICAL SECTION 7

LOGAN CO. LINE TO I-55 IN MCLEAN

STATION TO STATION
 ⑥ 2035+55.09 ⑧ 2063+96.21



FILE NAME =	USER NAME = oglebj	DESIGNED -	REVISED -
ci:\pwwork\pwwork\oglebj\d0244982\0570783-sh-typical.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/9/2012	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

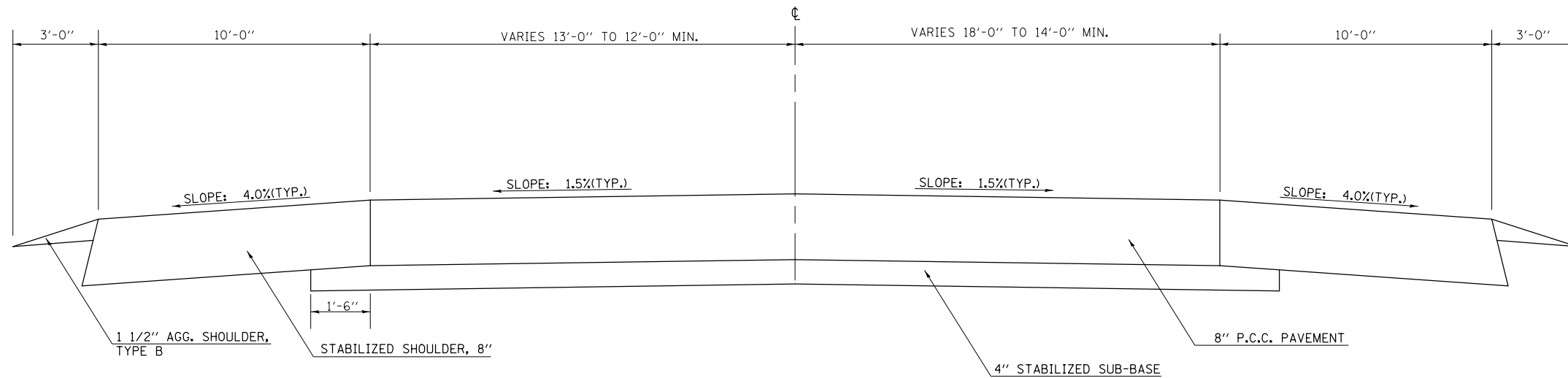
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	14
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION ⑧

LOGAN CO. LINE TO I-55 IN MCLEAN

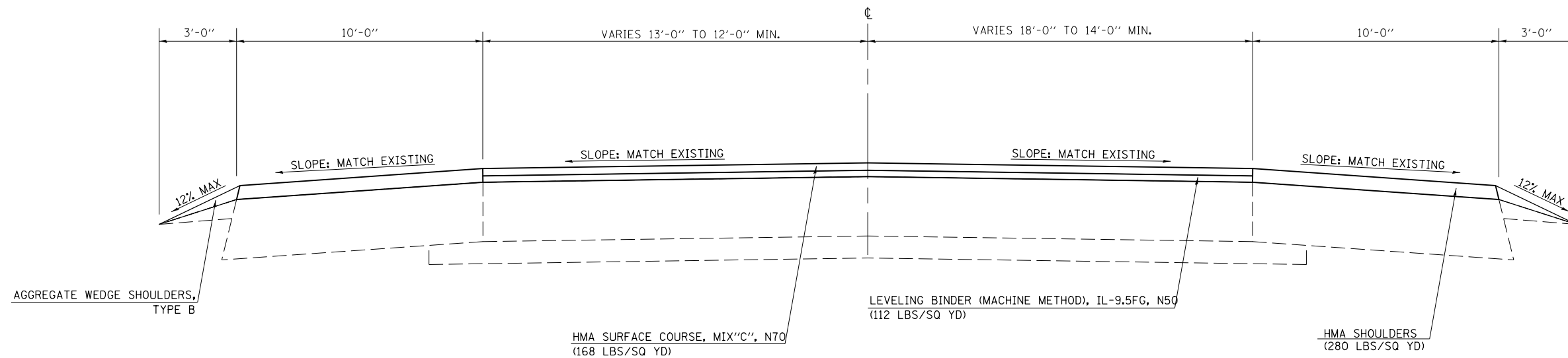
STATION TO STATION
 ⑦ 2063+96.21 2065+56.29



PROPOSED TYPICAL SECTION ⑧

LOGAN CO. LINE TO I-55 IN MCLEAN

STATION TO STATION
 ⑦ 2063+96.21 2065+56.29



FILE NAME =	USER NAME = ogiebj	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 10/9/2012		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	15
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

SCHEDULE OF MAINLINE RESURFACING QUANTITIES

LOCATION	AVERAGE PROPOSED ROADWAY WIDTH	LENGTH	AREA	44000155	40600100	40600300	40600627	40603310
				HMA SURFACE REMOVAL 1.5 IN	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MM) 1.0 IN	HMA SURFACE COURSE 1.5 IN
				SQ YD	GAL	TON	TON	TON
STA. 222+07.73 TO STA. 472+96.00	26.0	25,088.3	72,477.2	72,477.2	7247.7	139.2		6091.3
STA. 472+96.00 TO STA. 475+13.67	26.0	217.7	628.8	628.8	62.9	1.3		52.8
R.R. OMISSION								
STA. 475+45.32 TO STA. 478+27.25	26.0	281.9	814.5	814.5	81.4	1.6		68.4
STA. 478+27.25 TO STA. 480+77.94	26.0	250.7	724.2	724.2	72.4	1.4		60.9
STA. 480+77.94 TO STA. 481+00.00	26.0	22.1	63.7	63.7	6.4	0.1		5.4
STATION EQUATION								
STA. 2026+75.96 TO STA. 2027+85.00	26.0	109.0	315.0	315.0	31.5	0.6		26.5
STA. 2027+85.00 TO STA. 2029+85.00	VARIES	200.0	724.7	724.7	72.5	1.4		60.9
STA. 2029+85.00 TO STA. 2035+55.09	40.0	570.1	2,533.7	2,533.7	253.4	5.1		212.8
STA. 2035+55.09 TO STA. 2063+96.21	VARIES	2,841.1	14,288.6		2857.7	57.2	811.4	1200.2
STA. 2063+96.21 TO STA. 2065+76.29	VARIES	180.1	560.7		112.1	2.3	31.4	47.1
TOTAL =				78,281.9	10,798.0	210.2	842.8	7,826.3
USE =				78,282.0	10,798.0	211.0	843.0	7,827.0

X4404260 PAVED SHOULDER REMOVAL, SPECIAL

SIDE	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	REMOVE (SQ. YD.)
LT	2035+55.09	TO	2041+64.70	609.6	6.0	406.4
GRAND TOTAL =						406.4
USE =						407.0

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	REMOVE (SQ. YD.)
2065+76.29	TO	2066+06.29	30.0	47.5	158.3
TOTAL =					158.3
USE =					159.0

40600990 TEMPORARY RAMP

STATION	WIDTH (FOOT)	LENGTH (FOOT)	AREA (SQ YD)
222+07.73	26.0	5.0	14.4
435+95.69	36.0	5.0	20.0
475+13.67	26.0	5.0	14.4
475+45.32	26.0	5.0	14.4
476+70.56	26.0	5.0	14.4
2035+17.22	62.0	5.0	34.4
2035+55.09	40.0	5.0	22.2
2065+76.29	32.0	5.0	17.8
TOTAL =			152.2
USE =			153.0

48203100 HOT MIX ASPHALT SHOULDER, 168 LBS/SQ. YD.

SIDE	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	SHLDRS (SQ. YD.)	LBS PER SQ. YD.	SHLDRS (TONS)
LT	472+96.00	TO	475+13.67	217.7	5.0	120.9	168.0	10.2
LT	475+45.32	TO	478+27.25	281.9	5.0	156.6	168.0	13.2
LT	2035+55.09	TO	2041+64.70	609.6	10.0	677.3	224.0	75.9
LT	2041+64.70	TO	2063+96.21	2,231.5	10.0	2,479.5	280.0	347.1
LT	2063+96.21	TO	2065+76.29	180.1	10.0	200.1	280.0	28.0
LEFT SIDE TOTAL =								474.3

48101200 AGGREGATE SHOULDER, TYPE B

SIDE	STATION	TO	STATION	AREA (CU YD)	SHLDRS (TON)
LT	222+07.73	TO	472+96.35	267.0	480.6
RT	222+07.73	TO	472+96.35	196.0	352.8
TOTAL =					833.4
USE =					834.0

48203100 HOT MIX ASPHALT SHOULDER, 168 LBS/SQ. YD.(CONT.)

SIDE	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	SHLDRS (SQ. YD.)	LBS PER SQ. YD.	SHLDRS (TONS)
RT	472+96.00	TO	475+13.67	217.7	5.0	120.9	168.0	10.2
RT	475+45.32	TO	478+27.25	281.9	5.0	156.6	168.0	13.2
RT	2035+55.09	TO	2063+96.21	2,841.1	10.0	3,156.8	280.0	442.0
RT	2063+96.21	TO	2065+76.29	180.1	10.0	200.1	280.0	28.0
RIGHT SIDE TOTAL =								493.3
TOTAL =								967.6
USE =								968.0

48102100 AGGREGATE WEDGE SHOULDER, TYPE B

SIDE	STATION	TO	STATION	LENGTH (FOOT)	SHLDRS (TON)
LT	478+27.25	TO	480+71.50	244.3	5.1
RT	478+27.25	TO	480+84.30	257.1	5.4
LT	2039+16.82	TO	2065+76.29	2,659.5	55.5
RT	2035+55.07	TO	2065+76.29	3,021.2	63.0
TOTAL =					129.0
USE =					129.0

X2020110 GRADING & SHAPING SHOULDERS

SIDE	STATION	TO	STATION	FOOT	UNITS
LT	222+07.73	TO	472+96.00	25088.3	250.9
LT	478+27.25	TO	480+71.50	244.3	2.4
LEFT TOTAL =					25332.5 253.3
RT	222+07.73	TO	472+96.00	25088.3	250.9
RT	478+27.25	TO	480+84.30	257.1	2.6
RIGHT TOTAL =					25345.3 253.5
TOTAL =					50677.8 506.8
USE =					50678.0 507.0

SCHEDULE OF QUANTITIES

SCHEDULE OF INCIDENTAL RESURFACING AT SIDE ROADS									
SIDE	SIDE ROAD	STATION	DIST. FROM E.O.P. TO BACK OF INCIDENTAL (FT)	AREA (SQ FT)	AREA (SQ YD)	40800050	X4400196	40800010	40800030
						INCIDENTAL HMA SURFACE (TON)	HMA SURF. REM. SPECIAL (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (GAL)	AGGREGATE (PRIME COAT) (TON)
LT	00E (MCLEAN RD.)	233+91.18	32.0	1,688.4	187.6	15.8	187.6	18.8	0.4
RT	150E (ATLANTA RD.)	304+89.58	36.0	1,635.3	181.7	15.3	181.7	18.2	0.4
LT	200E	329+49.81	27.0	1,017.9	113.1	9.5	113.1	11.3	0.2
RT	250E	357+69.83	19.5	568.8	63.2	5.3	63.2	6.3	0.1
RT	300E	383+51.09	27.0	1,446.3	160.7	13.5	160.7	16.1	0.3
LT	CNTY. HWY. 59	435+95.69	27.0	1,846.8	205.2	17.2	205.2	20.5	0.4
RT	400E	436+16.82	27.0	880.2	97.8	8.2	97.8	9.8	0.2
LT	WEST ST.	470+75.80	27.0	1,358.1	150.9	12.7	150.9	15.1	0.3
RT	OLD RT. 66	476+70.56	78.0	2,911.5	323.5	27.2	323.5	32.4	0.6
LT	HAMILTON ST.	2027+39.95	17.0	702.0	78.0	6.6	78.0	7.8	0.2
LT	CLINTON ST.	2030+23.34	10.0	487.8	54.2	4.6	54.2	5.4	0.1
LT	EAST ST.	2033+09.27	10.0	473.4	52.6	4.4	52.6	5.3	0.1
LT	MAIN ST. (OLD RT 66)	2035+17.22	22.0	1,988.0	220.9	18.6	220.9	22.1	0.4
LT	RAMP A	2042+87.74	124.0	4,791.6	532.4	44.7	532.4	53.2	1.1
RT	RAMP B	2043+24.69	135.0	3,873.6	430.4	36.2	430.4	43.0	0.9
LT	RAMP D	2056+80.51	80.0	2,963.7	329.3	27.7	329.3	32.9	0.7
RT	RAMP C	2057+00.97	170.0	5,238.0	582.0	48.9	582.0	58.2	1.2
TOTAL =						316.1	3,763.5	376.3	7.5
USE =						317.0	3,764.0	377.0	8.0

60624610 CORRUGATED MEDIAN (DOWELLED)			
STATION	TO	STATION	AREA (SQ. FT.)
2061+20.95		2063+96.09	525.3
TOTAL =			525.3
USE =			526.0

44003510 MEDIAN REMOVAL PARTIAL DEPTH			
STATION	TO	STATION	AREA (SQ. FT.)
2061+20.95		2063+96.09	525.3
TOTAL =			525.3
USE =			526.0

60255500 MANHOLES TO BE ADJUSTED			
SIDE	OFFSET	STATION	TOTAL (EACH)
LT	25.9	2034+85.66	1.0
TOTAL =			1.0

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)		
OFFSET	STATION	DIAMETER (UNITS)
31.4' RT	270+71.13	15.0
TOTAL =		15.0

SCHEDULE OF INCIDENTAL RESURFACING AT ENTRANCES (CONT.)								
SIDE	STATION	TYPE	DIST. FROM E.O.P. TO BACK OF INCIDENTAL (FT)	AREA TO RESURF. (SQ YD)	40800050	X4400196	40800010	40800030
					INCIDENTAL HMA SURFACE (TON)	HMA SURF. REM. SPECIAL (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (GAL)	AGGREGATE (PRIME COAT) (TON)
LT	234+69.05	P.E.	11.0	56.0	4.7	56.0	5.6	0.11
RT	261+02.77	P.E.	8.5	42.4	3.6	42.4	4.2	0.08
LT	261+79.29	P.E.	10.0	39.2	3.3	39.2	3.9	0.08
RT	262+86.25	PE / W MB	9.5	59.4	5.0	59.4	5.9	0.12
RT	281+50.71	PE / W MB	14.5	63.3	5.3	63.3	6.3	0.13
LT	323+63.21	P.E.	11.0	44.9	3.8	44.9	4.5	0.09
RT	323+78.38	M.B.T.O.	6.5	41.8	3.5	41.8	4.2	0.08
RT	409+27.34	PE / W MB	5.5	31.3	2.6	31.3	3.1	0.06
RT	417+12.55	P.E.	11.0	28.1	2.4	28.1	2.8	0.06
RT	419+52.38	PE / W MB	8.0	33.4	2.8	33.4	3.3	0.07
RT	470+74.05	F.E.	2.0	6.6	0.6	6.6	0.7	0.01
LT	472+23.58	P.E.	10.0	63.2	5.3	63.2	6.3	0.13
LT	479+02.82	C.E.	10.0	62.3	5.2	62.3	6.2	0.12
RT	2035+00.67	C.E.	31.0	311.1	26.1	311.1	31.1	0.62
TOTAL =					74.2	883.0	88.3	1.8
USE =					75.0	883.0	89.0	2.0

SCHEDULE OF EARTHWORK QUANTITIES		
LOCATION	EMBANKMENT (CU YD)	BALANCE WASTE (+) SHORTAGE (-) (CU YD)
STA 223+00 TO 472+00 (LEFT)	894.0	894.0
STA 223+00 TO 472+00 (RIGHT)	508.0	508.0
ADDITIONAL EX. FOR TILE HOLES	20.0	20.0
TOTALS =	1,422.00	1,422.00
USE =	1,422.00	1,422.00

NOTES:
NO SHRINKAGE FACTOR APPLIED TO THE EMBANKMENT QUANTITY
NO PAYMENT WILL BE ALLOWED FOR OVERHAUL

PAY ITEMS		QUANTITY
20400800-FURNISHED EXCAVATION		1422.0

LANDSCAPING SCHEDULE							
LOCATION	AREA (SQ FT)	25000210 SEEDING CLASS 2A (ACRE)	25000400 NITROGEN FERTILIZER NUTRIENT (POUND)	25000500 PHOSPHORUS FERTILIZER NUTRIENT (POUND)	25000600 POTASSIUM FERTILIZER NUTRIENT (POUND)	25100115 MULCH METHOD 2 (ACRE)	28000250 TEMPORARY EROSION SEEDING (POUND)
STA 223+00 TO 472+00	187898.3	4.5	405.0	405.0	405.0	3.75	450.0
TOTALS =		4.5	405.0	405.0	405.0	3.75	450.0
USE =		4.5	405.0	405.0	405.0	3.75	450.0

NOTE: FINAL QUANTITIES BASED ON THE ROUNDED NUMBER OF ACRES = 4.5

SCHEDULE OF QUANTITIES

PAVEMENT MARKING SCHEDULE																																			
78001110 PAINT PAVEMENT MARKING - LINE 4"						70300100 SHORT TERM PAVEMENT MARKING					78100100 RAISED REFLECTIVE PAVEMENT MARKERS					70301000 WORK ZONE PAVEMENT MARKING REMOVAL				78300200 RAISED REFLECTIVE PAVEMENT MARKERS REMOVAL															
			(WHITE) (FOOT)	(YELLOW) (FOOT)	(YELLOW) (DASH)				APP	LENGTH (FOOT)				RATE (FEET)	(EACH)				TO	STATION	(FOOT)	AREA (SQ FT)				TO	STATION	(FEET)	(EACH)						
STATION	TO	STATION	(SOLID)	(SOLID)	(DASH)	STATION	TO	STATION			STATION	TO	STATION			STATION	TO	STATION			STATION	TO	STATION			STATION	TO	STATION							
222+07.73	TO	475+13.67	50,611.9	20,719.6	4,748.1	222+07.73		475+13.67	2.0	5,061.2	222+07.73		475+13.67	80.0	316.0	222+07.73	TO	475+13.67	2530.6	835.1	222+07.73		475+13.67	80.0	316.3	222+07.73		475+13.67	80.0	316.3					
475+45.32	TO	481+00.00	1,065.4	1,109.4	0.0	475+45.32		481+00.00	2.0	110.9	475+45.32		481+00.00	80.0	7.0	475+45.32	TO	481+00.00	55.5	18.3	475+45.32		481+00.00	80.0	6.9	475+45.32		481+00.00	80.0	6.9					
2026+75.96	TO	2027+39.95	0.0	128.0	0.0	2026+75.96		2035+55.09	2.0	175.8	2026+75.96		2027+85.00	80.0	1.0	2026+75.96	TO	2027+85.00	10.9	3.6	2026+75.96		2027+85.00	80.0	1.4	2026+75.96		2027+85.00	80.0	1.4					
TOTAL =			51,677.3	21,957.0	4,748.1	2035+55.09		2065+76.29	3.0	906.4	2027+85.00		2035+55.09	80.0	20.0	2027+85.00	TO	2035+55.09	77.0	50.8	2027+85.00		2035+55.09	80.0	20.0	2027+85.00		2035+55.09	80.0	20.0					
USE =			51,678.0	21,957.0	4,749.0	TOTAL =				6,254.3	2035+55.09		2065+76.29	40.0	96.0	2035+55.09	TO	2065+76.29	407.6	234.2	2035+55.09		2065+76.29	40.0	N/A	2035+55.09		2065+76.29	40.0	N/A					
TOTAL LENGTH =			78,384.0			TOTAL =				6,255.0	TOTAL =				440.0	TOTAL =				1142.0	TOTAL =				1142.0	TOTAL =				344.6	TOTAL =				345.0

NOTE: QUANTITIES FOR SOLID YELLOW LINES ARE ESTIMATED FROM FIELD MEASUREMENTS, LOCATIONS SHOULD BE NOTED IN THE FIELD PRIOR TO REMOVAL.

THERMOPLASTIC PAVEMENT MARKING SCHEDULE																					
78000100 THERMOPLASTIC LETTERS & SYMBOLS				78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"						78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"				78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"				78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"			
			(WHITE) (SQ. FT.)			(WHITE) (FOOT)	(YELLOW) (FOOT)	(YELLOW) (DASH)			(WHITE) (FOOT)			(WHITE) (SOLID)	(YELLOW) (SOLID)			(WHITE) (SQ. FT.)			(WHITE) (FOOT)
STATION	SYMBOL	LANE		STATION	TO	STATION				STATION	LANE		STATION	TO	STATION			STATION	MARKING	LANE	
473+46.00	R.R. CROSSING	EB	61.2	2027+39.95	TO	2029+93.00	0.0	1,053.9	0.0	RAMP A	SB	163.0	2028+00.00	TO	2029+93.00	0.0	93.3	473+23.00	R.R. CROSSING	EB	11.8
477+13.00	R.R. CROSSING	WB	61.2	2030+62.00	TO	2034+56.00	0.0	787.7	200.0	RAMP C	NB	150.0	RAMP A					473+73.00	R.R. CROSSING	EB	11.8
2031+22.00	L.T. ARROW	TL	15.6	2035+57.00	TO	2043+23.00	1,488.5	1,549.5	0.0	TOTAL =		313.0	RAMP C					474+73.00	STOP BAR	EB	14.2
2031+46.00	L.T. ARROW	TL	15.6	2043+75.00	TO	2055+96.00	2,945.5	2,716.5	0.0	USE =		313.0	TOTAL =		170.7	93.3		475+87.00	STOP BAR	WB	14.2
2033+72.00	L.T. ARROW	TL	15.6	2056+66.00	TO	2066+06.00	1,645.5	1,889.0	0.0	TOTAL LENGTH =		265.0	TOTAL =		171.0	94.0		476+87.00	R.R. CROSSING	WB	11.8
2033+96.00	L.T. ARROW	TL	15.6	RAMP A			215.4	121.9	0.0									477+37.00	R.R. CROSSING	WB	11.8
2035+75.00	L.T. ARROW	TL	15.6	RAMP B			163.7	142.9	0.0									RAMP A	STOP BAR	SB	18.0
2036+49.00	L.T. ARROW	TL	15.6	RAMP C			249.8	168.5	0.0									RAMP A	STOP BAR	SB	18.0
2037+23.00	L.T. ARROW	TL	15.6	RAMP D			123.8	84.7	0.0									RAMP C	STOP BAR	NB	18.0
2037+97.00	L.T. ARROW	TL	15.6	TOTAL =		6832.2	8514.6	200.0										RAMP C	STOP BAR	NB	18.0
2043+93.00	L.T. ARROW	TL	15.6	USE =		6833.0	8515.0	200.0										TOTAL =		147.6	
2044+61.00	L.T. ARROW	TL	15.6	TOTAL LENGTH =		15548.0												USE =		148.0	
2045+29.00	L.T. ARROW	TL	15.6																		
2045+97.00	L.T. ARROW	TL	15.6																		
2046+65.00	L.T. ARROW	TL	15.6																		
2053+38.00	L.T. ARROW	TL	15.6																		
2054+18.00	L.T. ARROW	TL	15.6																		
2054+98.00	L.T. ARROW	TL	15.6																		
2055+78.00	L.T. ARROW	TL	15.6																		
TOTAL =			387.6																		
USE =			388.0																		

NOTE: EXACT LOCATION OF STOP BARS SHALL BE AS DIRECTED BY THE ENGINEER.

25100630 EROSION CONTROL BLANKET

SIDE	STATION	TO	STATION	(SQ. YD.)
RT	227+25.00		228+25.00	109.2
RT/LT	228+25.00		230+00.00	562.0
LT	230+00.00		232+00.00	330.1
RT	284+25.00		285+50.00	170.0
RT/LT	285+50.00		287+75.00	567.6
RT	289+00.00		290+50.00	303.2
RT/LT	339+00.00		340+50.00	412.2
LT	340+50.00		342+25.00	204.2
RT	351+75.00		352+50.00	81.0
RT/LT	352+50.00		354+50.00	631.5
TOTAL =				3,371.0
USE =				3,371.0

44004000 PAVED DITCH REMOVAL

STATION	TO	STATION	SIDE	AREA (SQ. FT.)
289+72.01		291+25.00	LT	153.0
TOTAL =				153.0
USE =				153.0

54248510 CONCRETE COLLAR

SIDE	STATION	(CU YD)
RT	270+82.00	0.2
LT	339+63.00	0.2
TOTAL =		0.4
USE =		0.5

STORM SEWER SCHEDULE

STATION	SIDE	61101011 S.S. PROTECTED CLASS A, 10" LENGTH (FOOT)	55100400 S.S. REMOVAL 10" LENGTH (FOOT)
239+48.00	RT	20.0	20.0
475+81.40	LT	16.0	16.0
TOTAL =		36.0	36.0
USE =		36.0	36.0

PROPOSED RIPRAP SCHEDULE				
STATION	SIDE	28100207 STONE RIPRAP, CLASS A4 (SQ YD)	28100209 STONE RIPRAP, CLASS A5 (SQ YD)	28200200 FILTER FABRIC (SQ YD)
239+48 (STR. 057-8006)	LT		110.0	110.0
270+82 (STR. 057-8009)	RT	88.2		88.2
339+63 (STR. 057-8015)	LT	42.8		42.8
TOTAL =		131.0	110.0	241.0
USE =		131.0	110.0	241.0

SCHEDULE OF QUANTITIES

TEMPORARY PAVEMENT MARKING SCHEDULE

70300210				70300220						70300240			70300260				70300280						
TEMPORARY MARKING LETTERS & SYMBOLS				TEMPORARY PAVEMENT MARKING - LINE 4"						TEMPORARY PAVEMENT MARKING - LINE 6"			TEMPORARY PAVEMENT MARKING - LINE 12"				TEMPORARY PAVEMENT MARKING - LINE 24"						
				(WHITE)	(WHITE)	(YELLOW)	(YELLOW)	(YELLOW)	(WHITE)	(WHITE)	(YELLOW)	(WHITE)	(WHITE)	(YELLOW)	(WHITE)	(WHITE)	(YELLOW)	(WHITE)					
STATION	SYMBOL	LANE	(SQ. FT.)	STATION	TO	STATION	(FOOT)	(FOOT)	(FOOT)	STATION	LANE	(FOOT)	STATION	TO	STATION	(SOLID)	(SOLID)	STATION	MARKING	LANE	(FOOT)		
473+46.00	R.R. CROSSING	EB	61.2	222+07.73	TO	475+13.67	50,611.9	20,719.6	4,748.1	RAMP A	SB	163.0	2028+00.00	TO	2029+93.00	0.0	93.3	473+23.00	R.R. CROSSING	EB	11.8		
477+13.00	R.R. CROSSING	WB	61.2	475+45.32	TO	481+00.00	1,065.4	1,109.4	0.0	RAMP C	NB	150.0			RAMP A	84.4	0.0	473+73.00	R.R. CROSSING	EB	11.8		
2031+22.00	L.T. ARROW	TL	15.6	2026+75.96	TO	2027+39.95	0.0	128.0	0.0			TOTAL =			RAMP C	86.3	0.0	474+73.00	STOP BAR	EB	14.2		
2031+46.00	L.T. ARROW	TL	15.6	2027+39.95	TO	2029+93.00	0.0	1,053.9	0.0			USE =			TOTAL =		170.7	93.3	475+87.00	STOP BAR	WB	14.2	
2033+72.00	L.T. ARROW	TL	15.6	2030+62.00	TO	2034+56.00	0.0	787.7	200.0					TOTAL =		171.0	94.0	476+87.00	R.R. CROSSING	WB	11.8		
2033+96.00	L.T. ARROW	TL	15.6	2035+57.00	TO	2043+23.00	1,488.5	1,549.5	0.0					TOTAL LENGTH =		265.0		477+37.00	R.R. CROSSING	WB	11.8		
2035+75.00	L.T. ARROW	TL	15.6	2043+75.00	TO	2055+96.00	2,945.5	2,716.5	0.0									RAMP A	STOP BAR	SB	18.0		
2036+49.00	L.T. ARROW	TL	15.6	2056+66.00	TO	2066+06.00	1,645.5	1,889.0	0.0									RAMP A	STOP BAR	SB	18.0		
2037+23.00	L.T. ARROW	TL	15.6	RAMP A			215.4	121.9	0.0									RAMP C	STOP BAR	NB	18.0		
2037+97.00	L.T. ARROW	TL	15.6	RAMP B			163.7	142.9	0.0									RAMP C	STOP BAR	NB	18.0		
2043+93.00	L.T. ARROW	TL	15.6	RAMP C			249.8	168.5	0.0									RAMP C	STOP BAR	NB	18.0		
2044+61.00	L.T. ARROW	TL	15.6	RAMP D			123.8	84.7	0.0									TOTAL =		147.6			
2045+29.00	L.T. ARROW	TL	15.6	TOTAL =			58509.5	30471.6	4948.1									USE =		148.0			
2045+97.00	L.T. ARROW	TL	15.6	USE =			58510.0	30472.0	4949.0														
2046+65.00	L.T. ARROW	TL	15.6	TOTAL LENGTH =			93931.0																
2053+38.00	L.T. ARROW	TL	15.6																				
2054+18.00	L.T. ARROW	TL	15.6																				
2054+98.00	L.T. ARROW	TL	15.6																				
2055+78.00	L.T. ARROW	TL	15.6																				
			TOTAL =	387.6																			
			USE =	388.0																			

NOTE: QUANTITIES FOR SOLID YELLOW LINES ARE ESTIMATED FROM FIELD MEASUREMENTS, LOCATIONS SHOULD BE NOTED IN THE FIELD PRIOR TO REMOVAL.

NOTE: EXACT LOCATION OF STOP BARS SHALL BE AS DIRECTED BY THE ENGINEER.

63200310 GUARDRAIL REMOVAL SCHEDULE

STATION	TO	STATION	LENGTH (FOOT)	
RT	227+30.66	TO RT	229+93.78	263.1
LT	227+85.99	TO LT	230+86.68	300.7
RT	265+87.86	TO RT	271+75.79	587.9
LT	267+48.28	TO LT	272+22.46	474.2
RT	284+90.45	TO RT	290+65.20	574.8
LT	285+30.09	TO LT	287+54.15	224.1
RT	338+00.00	TO RT	340+75.50	275.5
LT	338+75.50	TO LT	341+51.00	275.5
RT	352+38.00	TO RT	355+13.50	275.5
		TOTALS =	3251.2	
		USE =	3252.0	

PROPOSED GUARDRAIL SCHEDULE

SIDE	APP/DEP	63100167 / 63100169						78201000	63000001				63000025				78200405	
		TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT / FLARED						TERMINAL MARKER	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS				STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURES				GUARDRAIL MARKERS	
		STATION	TO	STATION	TANG. (EACH)	FLARED (EACH)	DIR. APPLIED (EACH)	STATION	TO	STATION	LENGTH (FOOT)	STATION	TO	STATION	LENGTH (FOOT)	TYPE A EACH		
RT	APP	227+30.61	TO	227+80.61	1.0		1.0	227+80.61	TO	229+05.61	125.0				4.0			
RT	DEP	229+05.61	TO	229+55.61	1.0		1.0											
LT	DEP	228+34.00	TO	228+84.00	1.0		1.0	228+84.00	TO	229+96.50	112.5				4.0			
LT	APP	229+96.50	TO	230+46.50	1.0		1.0											
RT	APP	265+84.22	TO	266+34.22	1.0		1.0	266+34.22	TO	270+96.72	425.0	267+61.83	TO	267+74.33	12.5	6.0		
RT	DEP	270+96.72	TO	271+46.72	1.0		1.0					270+61.83	TO	270+86.83	25.0			
LT	DEP	267+52.53	TO	268+02.53	1.0		1.0	268+02.53	TO	271+65.03	325.0	267+95.05	TO	268+07.55	12.5	5.0		
LT	APP	271+65.03	TO	272+15.03		1.0	1.0					270+57.55	TO	270+82.55	25.0			
RT	APP	285+09.68	TO	285+59.68	1.0		1.0	285+59.68	TO	289+84.68	400.0	286+54.68	TO	286+67.18	12.5	6.0		
RT	DEP	289+84.68	TO	290+34.68	1.0		1.0					289+54.68	TO	289+67.18	12.5			
LT	DEP	285+52.76	TO	286+02.76	1.0		1.0	286+02.76	TO	287+02.76	100.0					4.0		
LT	APP	287+02.76	TO	287+52.76	1.0		1.0											
LT	DEP	288+60.69	TO	289+10.69	1.0		1.0	289+10.69	TO	290+23.19	112.5					4.0		
LT	APP	290+23.19	TO	290+73.19	1.0		1.0											
RT	APP	338+14.13	TO	338+64.13	1.0		1.0	338+64.13	TO	340+01.63	125.0	339+71.63	TO	339+84.13	12.5	4.0		
RT	DEP	340+01.63	TO	340+51.63	1.0		1.0											
LT	DEP	339+13.84	TO	339+63.84	1.0		1.0	339+63.84	TO	340+88.84	112.5	339+68.84	TO	339+81.34	12.5	4.0		
LT	APP	340+88.84	TO	341+38.84	1.0		1.0											
RT	APP	352+57.32	TO	353+07.32	1.0		1.0	353+07.32	TO	354+32.32	100.0	353+89.82	TO	354+14.82	25.0	4.0		
RT	DEP	354+32.32	TO	354+82.32	1.0		1.0											
LT	DEP	352+60.18	TO	353+10.18	1.0		1.0	353+10.18	TO	354+47.68	112.5	353+40.18	TO	353+65.18	25.0	4.0		
LT	APP	354+47.68	TO	354+97.68	1.0		1.0											
		TOTAL =		21.0	1.0		22.0			TOTAL =		2,050.0			TOTAL =		175.0	49.0
		USE =		21.0	1.0		22.0			USE =		2,050.0			USE =		175.0	49.0

SCHEDULE OF QUANTITIES

28000305 TEMPORARY DITCH CHECKS

SIDE	STATION	TO	STATION	FOOT	SPACING	# REQ.	WIDTH	FOOT
LT	227+50.00	TO	232+00.00	450.0	50	9	10	90.0
RT	227+50.00	TO	231+00.00	350.0	50	7	10	70.0
LT	252+00.00	TO	255+00.00	300.0	38	8	10	80.0
LT	258+00.00	TO	260+00.00	200.0	50	4	10	40.0
RT	259+00.00	TO	260+00.00	100.0	50	2	10	20.0
RT	264+75.00	TO	267+00.00	225.0	38	6	10	60.0
LT	267+50.00	TO	274+00.00	650.0	30	22	10	220.0
RT	270+50.00	TO	272+50.00	200.0	75	3	10	30.0
LT	280+00.00	TO	291+00.00	1100.0	75	15	10	150.0
RT	283+75.00	TO	291+00.00	725.0	75	10	10	100.0
LT	295+00.00	TO	300+00.00	500.0	75	7	10	70.0
RT	304+00.00	TO	308+00.00	400.0	75	5	10	50.0
LT	304+00.00	TO	308+00.00	400.0	50	8	10	80.0
RT	311+00.00	TO	329+00.00	1800.0	75	24	10	240.0
LT	311+00.00	TO	329+00.00	1800.0	75	24	10	240.0
RT	336+00.00	TO	341+25.00	525.0	75	7	10	70.0
LT	336+00.00	TO	342+00.00	600.0	50	12	10	120.0
RT	348+00.00	TO	355+50.00	750.0	75	10	10	100.0
LT	348+00.00	TO	355+00.00	700.0	50	14	10	140.0
LT	363+00.00	TO	370+00.00	700.0	75	9	10	90.0
LT	375+00.00	TO	380+00.00	500.0	75	7	10	70.0
RT	385+00.00	TO	398+00.00	1300.0	150	9	10	90.0
LT	385+00.00	TO	398+00.00	1300.0	150	9	10	90.0
RT	415+00.00	TO	472+00.00	5700.0	150	38	10	380.0
LT	415+00.00	TO	456+00.00	4100.0	150	27	10	270.0
LT	461+00.00	TO	472+00.00	1100.0	150	7	10	70.0
TOTAL =						303		3030.0
USE =						303		3030.0

21400100 GRADING AND SHAPING DITCHES

STATION	TO	STATION	SIDE	AREA (SQ. FT.)
289+72.01		291+25.00	LT	153.0
TOTAL =				153.0
USE =				153.0

PATCHING SCHEDULE							
STATION	DIRECTION	LENGTH	WIDTH	DEPTH	44022041	44022051	X4421000
					PARTIAL DEPTH REMOVAL, 6" (SQ YD)	PARTIAL DEPTH REMOVAL, 8 1/2" (SQ YD)	PARTIAL DEPTH PATCHING (TON)
		(FOOT)	(FOOT)	(INCH)			
228+02	WB	4.0	13.0	8.25		5.8	2.7
232+35	EB	4.0	13.0	8.25		5.8	2.7
232+35	WB	4.0	13.0	8.25		5.8	2.7
262+43	WB	4.0	13.0	8.25		5.8	2.7
274+39	EB	6.0	13.0	8.25		8.7	4.0
277+16	EB	6.0	13.0	8.25		8.7	4.0
277+34	EB	6.0	13.0	8.25		8.7	4.0
277+34	WB	6.0	13.0	8.25		8.7	4.0
279+55	EB	4.0	13.0	8.25		5.8	2.7
279+55	WB	4.0	13.0	8.25		5.8	2.7
290+75	EB	6.0	13.0	8.25		8.7	4.0
298+29	EB	4.0	13.0	8.25		5.8	2.7
298+29	WB	4.0	13.0	8.25		5.8	2.7
300+78	WB	4.0	13.0	8.25		5.8	2.7
303+90	EB	6.0	13.0	8.25		8.7	4.0
306+30	WB	4.0	13.0	8.25		5.8	2.7
315+40	EB	4.0	13.0	8.25		5.8	2.7
315+40	WB	4.0	13.0	8.25		5.8	2.7
318+15	EB	4.0	13.0	8.25		5.8	2.7
318+15	WB	4.0	13.0	8.25		5.8	2.7
320+00	EB	4.0	13.0	8.25		5.8	2.7
320+00	WB	4.0	13.0	8.25		5.8	2.7
322+75	WB	4.0	13.0	8.25		5.8	2.7
323+90	EB	4.0	13.0	8.25		5.8	2.7
323+90	WB	4.0	13.0	8.25		5.8	2.7
324+17	EB	4.0	13.0	8.25		5.8	2.7
324+17	WB	4.0	13.0	8.25		5.8	2.7
329+50	EB	4.0	13.0	8.25		5.8	2.7
329+50	WB	4.0	13.0	8.25		5.8	2.7
334+82	EB	4.0	13.0	8.25		5.8	2.7
334+82	WB	4.0	13.0	8.25		5.8	2.7
337+00	WB	4.0	13.0	8.25		5.8	2.7
338+30	EB	4.0	13.0	8.25		5.8	2.7
340+10	EB	4.0	13.0	8.25		5.8	2.7
340+10	WB	4.0	13.0	8.25		5.8	2.7
343+50	EB	4.0	13.0	8.25		5.8	2.7
346+25	EB	4.0	13.0	8.25		5.8	2.7
357+00	EB	4.0	13.0	8.25		5.8	2.7
357+00	WB	4.0	13.0	8.25		5.8	2.7
361+22	EB	4.0	13.0	8.25		5.8	2.7
361+22	WB	4.0	13.0	8.25		5.8	2.7
364+87	EB	4.0	13.0	8.25		5.8	2.7
364+87	WB	4.0	13.0	8.25		5.8	2.7
366+50	EB	4.0	13.0	8.25		5.8	2.7
366+80	WB	6.0	13.0	8.25		8.7	4.0

FILE NAME =	USER NAME = ogleb.j	DESIGNED -	REVISED -
ct:\pw\work\p\d\ogleb.j\d0244982\0570783-shd-schedule.dgn		DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/12/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	20
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

PATCHING SCHEDULE (CONT.)							
STATION	DIRECTION	LENGTH (FOOT)	WIDTH (FOOT)	DEPTH (INCH)	44022041	44022051	X4421000
					PARTIAL DEPTH REMOVAL, 6" (SQ YD)	PARTIAL DEPTH REMOVAL, 8 1/2" (SQ YD)	PARTIAL DEPTH PATCHING (TON)
369+54	EB	4.0	13.0	8.25		5.8	2.7
369+54	WB	4.0	13.0	8.25		5.8	2.7
379+43	EB	6.0	13.0	8.25		8.7	4.0
379+43	WB	6.0	13.0	8.25		8.7	4.0
389+00	EB	4.0	13.0	8.25		5.8	2.7
393+75	EB	4.0	13.0	8.25		5.8	2.7
393+75	WB	4.0	13.0	8.25		5.8	2.7
394+25	EB	4.0	13.0	8.25		5.8	2.7
394+25	WB	4.0	13.0	8.25		5.8	2.7
395+90	EB	4.0	13.0	8.25		5.8	2.7
403+00	EB	4.0	13.0	8.25		5.8	2.7
403+00	WB	4.0	13.0	8.25		5.8	2.7
403+25	WB	4.0	13.0	8.25		5.8	2.7
410+00	EB	6.0	13.0	8.25		8.7	4.0
410+00	WB	6.0	13.0	8.25		8.7	4.0
411+25	EB	4.0	13.0	8.25		5.8	2.7
411+25	WB	4.0	13.0	8.25		5.8	2.7
412+50	EB	4.0	13.0	8.25		5.8	2.7
412+50	WB	4.0	13.0	8.25		5.8	2.7
415+75	EB	4.0	13.0	8.25		5.8	2.7
415+80	EB	4.0	13.0	8.25		5.8	2.7
419+25	WB	4.0	13.0	8.25		5.8	2.7
419+75	EB	4.0	13.0	8.25		5.8	2.7
421+50	EB	4.0	13.0	8.25		5.8	2.7
421+50	WB	4.0	13.0	8.25		5.8	2.7
424+75	EB	4.0	13.0	8.25		5.8	2.7
427+75	EB	4.0	13.0	8.25		5.8	2.7
427+75	WB	4.0	13.0	8.25		5.8	2.7
429+00	WB	4.0	13.0	8.25		5.8	2.7
429+25	EB	4.0	13.0	8.25		5.8	2.7
431+00	EB	4.0	13.0	8.25		5.8	2.7
431+25	WB	4.0	13.0	8.25		5.8	2.7
433+50	EB	4.0	13.0	8.25		5.8	2.7
433+50	WB	4.0	13.0	8.25		5.8	2.7
437+50	EB	4.0	13.0	8.25		5.8	2.7
437+50	WB	4.0	13.0	8.25		5.8	2.7
439+50	EB	6.0	13.0	8.25		8.7	4.0
439+50	WB	6.0	13.0	8.25		8.7	4.0
441+50	EB	4.0	13.0	8.25		5.8	2.7
441+50	WB	4.0	13.0	8.25		5.8	2.7
447+52	EB	4.0	13.0	8.25		5.8	2.7
448+50	EB	4.0	13.0	8.25		5.8	2.7
448+50	WB	4.0	13.0	8.25		5.8	2.7
451+25	EB	4.0	13.0	8.25		5.8	2.7

PATCHING SCHEDULE (CONT.)							
STATION	DIRECTION	LENGTH (FOOT)	WIDTH (FOOT)	DEPTH (INCH)	44022041	44022051	X4421000
					PARTIAL DEPTH REMOVAL, 6" (SQ YD)	PARTIAL DEPTH REMOVAL, 8 1/2" (SQ YD)	PARTIAL DEPTH PATCHING (TON)
452+75	EB	4.0	13.0	8.25		5.8	2.7
452+75	WB	4.0	13.0	8.25		5.8	2.7
454+25	EB	4.0	13.0	8.25		5.8	2.7
454+25	WB	4.0	13.0	8.25		5.8	2.7
460+00	EB	6.0	13.0	8.25		8.7	4.0
460+00	WB	6.0	13.0	8.25		8.7	4.0
464+50	EB	4.0	13.0	8.25		5.8	2.7
464+50	WB	4.0	13.0	8.25		5.8	2.7
466+75	EB	4.0	13.0	8.25		5.8	2.7
466+75	WB	4.0	13.0	8.25		5.8	2.7
471+75	EB	4.0	13.0	8.25		5.8	2.7
471+75	WB	6.0	13.0	8.25		8.7	4.0
473+00	EB	6.0	13.0	8.25		8.7	4.0
473+00	WB	6.0	13.0	8.25		8.7	4.0
478+75	WB	4.0	13.0	8.25		5.8	2.7
480+75	WB	20.0	13.0	8.25		28.9	13.3
2028+50	EB	4.0	13.0	8.25	5.8		2.7
2028+50	WB	6.0	13.0	8.25	8.7		4.0
2029+25	EB	4.0	13.0	8.25	5.8		2.7
2029+25	WB	4.0	13.0	8.25	5.8		2.7
2035+55	EB	4.0	13.0	8.25	5.8		2.7
2035+55	WB	4.0	24.0	8.25	10.7		4.9
TOTAL =					42.4	681.8	334.6
USE =					43.0	682.0	335.0

STATION	XZ193400 SURVEY MARKER TY 2, (SPECIAL) (EACH)	Z0070202 SURVEY MARKER VAULT (EACH)	Z0070100 SURVEY MONUMENT COVER ASSEMBLY (EACH)
222+07.73	1.0		
223+91.32		1.0	1.0
248+08.39	1.0		
277+20.64		1.0	1.0
329+54.75		1.0	1.0
383+38.92		1.0	1.0
388+43.88	1.0		
409+19.93		1.0	1.0
481+00.00(BK) 2026+75.96(AH)	1.0		
2035+13.15		1.0	1.0
2072+13.99	1.0		
TOTAL =	5.0	6.0	6.0

SCHEDULE OF QUANTITIES

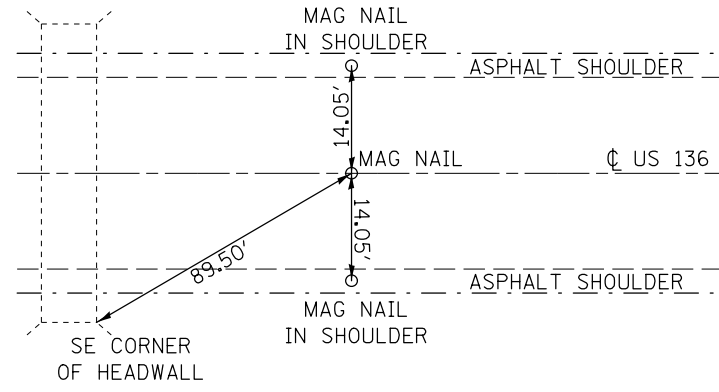
STATION	DIRECTION	LANE	LENGTH (FOOT)	WIDTH (FOOT)	CLASS B, PATCH AREA				DOWEL BARS 1 1/2" 44201299 (EACH)	SAW CUTS 44213200 (FT.)	TIE BARS 1 1/4" 44213208 (EACH)	PAVEMENT FABRIC 44213100 (SQ. YD.)
					TYPE I 8.0" (SQ. YD.)	TYPE II 8.0" (SQ. YD.)	TYPE III 8.0" (SQ. YD.)	TYPE IV 8.0" (SQ. YD.)				
2035+98	EB	TL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2035+98	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2037+00	EB	DL	8.0	14.0	0.0	12.4	0.0	0.0	24.0	58.0	0.0	0.0
2037+50	WB	DL & TL	6.0	24.0	0.0	0.0	16.0	0.0	44.0	84.0	0.0	16.0
2038+25	EB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2038+75	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2039+00	EB	DL	9.0	14.0	0.0	14.0	0.0	0.0	24.0	60.0	0.0	0.0
2039+00	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2039+15	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2039+85	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2040+00	WB	DL	8.0	14.0	0.0	12.4	0.0	0.0	24.0	58.0	0.0	0.0
2041+50	EB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2041+50	WB	DL	30.0	14.0	0.0	0.0	0.0	46.7	36.0	102.0	30.0	46.7
2042+10	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2042+50	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2043+16	WB	DL & TL	6.0	24.0	0.0	0.0	16.0	0.0	44.0	84.0	0.0	16.0
2043+60	WB	DL & TL	6.0	24.0	0.0	0.0	16.0	0.0	44.0	84.0	0.0	16.0
2044+00	EB	DL	12.0	14.0	0.0	0.0	18.7	0.0	24.0	66.0	0.0	18.7
2044+40	WB	DL & TL	6.0	24.0	0.0	0.0	16.0	0.0	44.0	84.0	0.0	16.0
2044+65	WB	TL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2045+60	EB	DL & TL	6.0	24.0	0.0	0.0	16.0	0.0	44.0	84.0	0.0	16.0
2045+75	WB	TL	6.0	10.0	0.0	6.7	0.0	0.0	16.0	42.0	0.0	0.0
2046+00	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2047+15	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2048+15	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2049+75	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2050+00	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2051+25	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2051+60	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2052+10	EB	DL	30.0	14.0	0.0	0.0	0.0	46.7	36.0	102.0	30.0	46.7
2052+40	EB	DL & TL	8.0	15.0	0.0	13.3	0.0	0.0	26.0	61.0	0.0	0.0
2052+50	EB	DL & TL	6.0	20.0	0.0	13.3	0.0	0.0	36.0	72.0	0.0	0.0
2053+00	EB	DL & TL	8.0	20.0	0.0	0.0	17.8	0.0	36.0	76.0	0.0	17.8
2053+50	EB	TL	6.0	10.0	0.0	6.7	0.0	0.0	16.0	42.0	0.0	0.0
2053+80	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
SUB TOTALS					0.0 (SQ. YD.)	256.2 (SQ. YD.)	116.4 (SQ. YD.)	93.3 (SQ. YD.)	974.0 (EACH)	2185.0 (FT.)	60.0 (EACH)	209.8 (SQ. YD.)

SCHEDULE OF QUANTITIES

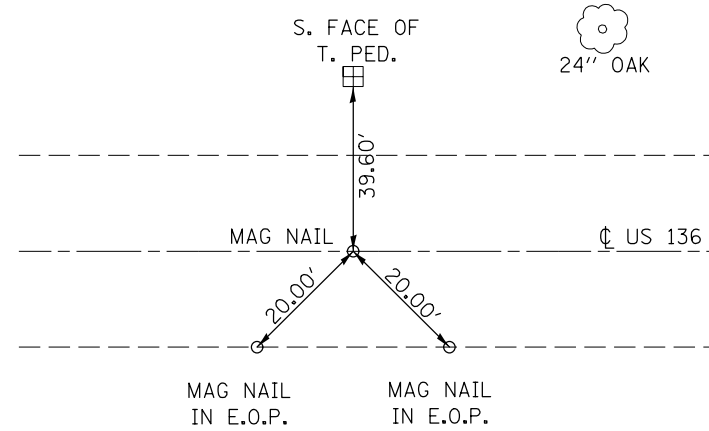
STATION	DIRECTION	LANE	LENGTH (FOOT)	WIDTH (FOOT)	CLASS B, PATCH AREA				DOWEL BARS 1 1/2" 44201299 (EACH)	SAW CUTS 44213200 (FT.)	TIE BARS 1 1/4" 44213208 (EACH)	PAVEMENT FABRIC 42001200 (SQ. YD.)
					TYPE I 8.0" (SQ. YD.)	TYPE II 8.0" (SQ. YD.)	TYPE III 8.0" (SQ. YD.)	TYPE IV 8.0" (SQ. YD.)				
2055+00	EB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2055+25	EB	DL & TL	6.0	24.0	0.0	0.0	16.0	0.0	44.0	84.0	0.0	16.0
2056+00	EB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2056+20	EB	DL	8.0	14.0	0.0	12.4	0.0	0.0	24.0	58.0	0.0	0.0
2056+50	EB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2056+50	WB	DL	12.0	14.0	0.0	0.0	18.7	0.0	24.0	66.0	0.0	18.7
2057+50	EB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2057+50	WB	DL	12.0	14.0	0.0	0.0	18.7	0.0	24.0	66.0	0.0	18.7
2057+95	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2058+10	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2059+00	EB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2060+00	EB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2060+00	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2060+50	EB	DL	15.0	14.0	0.0	0.0	23.3	0.0	24.0	72.0	0.0	23.3
2060+50	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2060+90	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2061+00	EB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2061+00	WB	DL	10.0	14.0	0.0	0.0	15.6	0.0	24.0	62.0	0.0	15.6
2062+00	EB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2062+50	WB	DL	10.0	14.0	0.0	0.0	15.6	0.0	24.0	62.0	0.0	15.6
2062+75	EB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2063+41	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2063+62	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2063+94	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2064+30	WB	DL	6.0	14.0	0.0	9.3	0.0	0.0	24.0	54.0	0.0	0.0
2065+05	EB	DL	8.0	14.0	0.0	12.4	0.0	0.0	24.0	58.0	0.0	0.0
2065+75	EB	DL	12.0	14.0	0.0	0.0	18.7	0.0	24.0	66.0	0.0	18.7
SUB TOTALS					0.0 (SQ. YD.)	192.9 (SQ. YD.)	126.4 (SQ. YD.)	0.0 (SQ. YD.)	668.0 (EACH)	1566.0 (FT.)	0.0 (EACH)	126.4 (SQ. YD.)

	CLASS B, PATCH AREA				DOWEL BARS 1 1/2" 44201299 (EACH)	SAW CUTS 44213200 (FT.)	TIE BARS 1 1/4" 44213208 (EACH)	PAVEMENT FABRIC 42001200 (SQ. YD.)
	TYPE I 8.0" (SQ. YD.)	TYPE II 8.0" (SQ. YD.)	TYPE III 8.0" (SQ. YD.)	TYPE IV 8.0" (SQ. YD.)				
TOTALS =	0.0	449.1	242.9	93.3	1642.0	3751.0	60.0	336.2
USE =	0.0	450.0	243.0	94.0	1642.0	3751.0	60.0	337.0

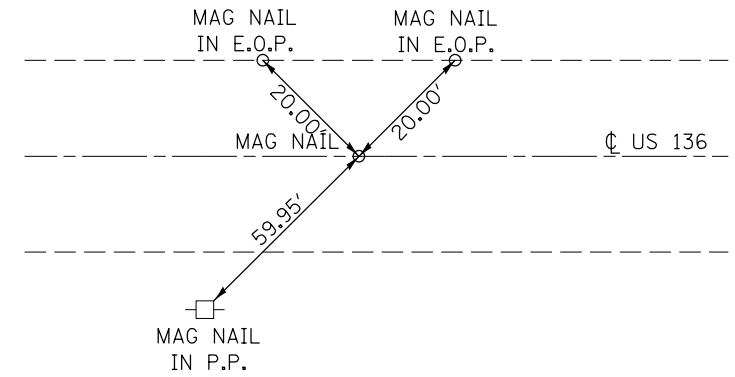
P.O.T.
STA. 222 + 07.73



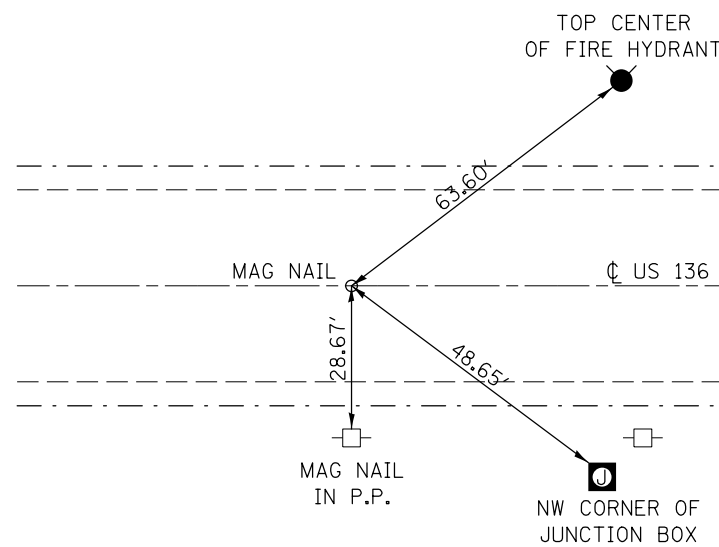
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STA. 248 + 08.39



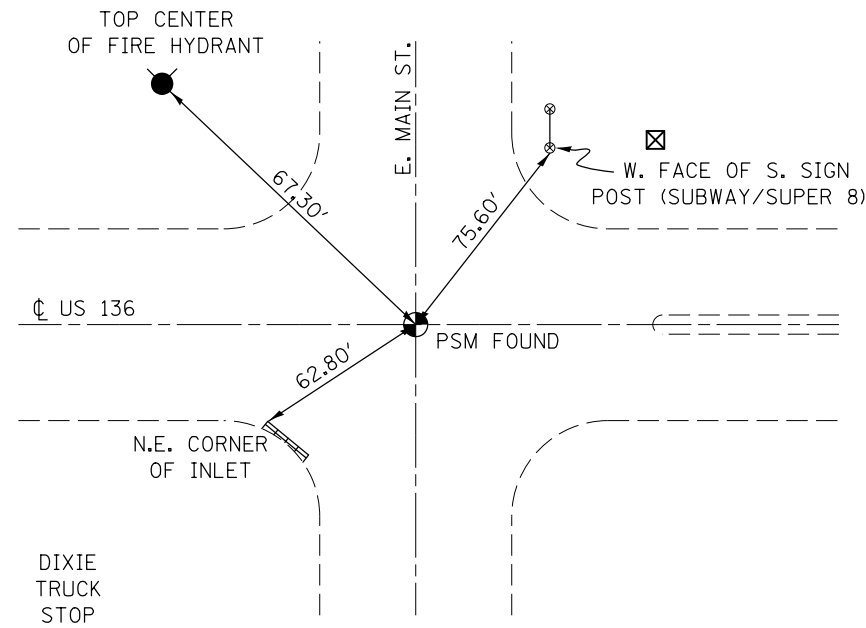
P.I. KINK
STA. 388 + 43.88



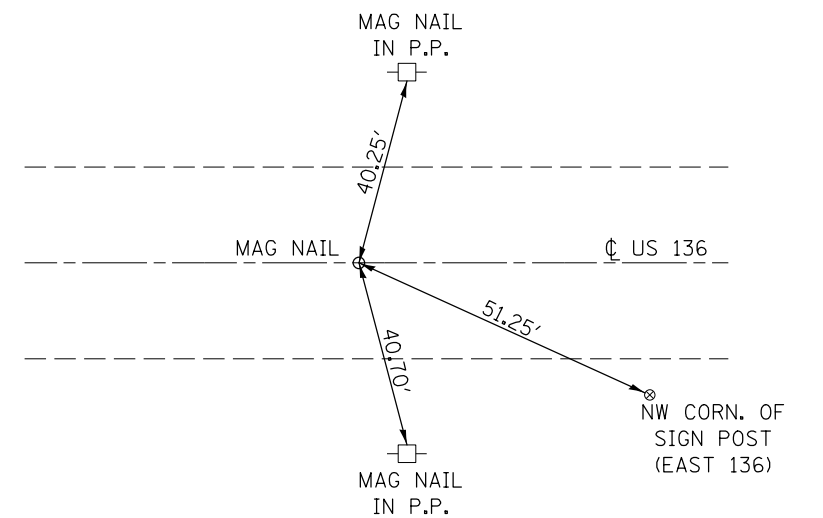
STATION EQUATION
STA. 481 + 00.00 (BK) =
STA. 2026 + 75.96 (AH)



P.I. KINK
STA. 2035 + 13.15



P.O.T.
STA. 2072 + 13.99



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

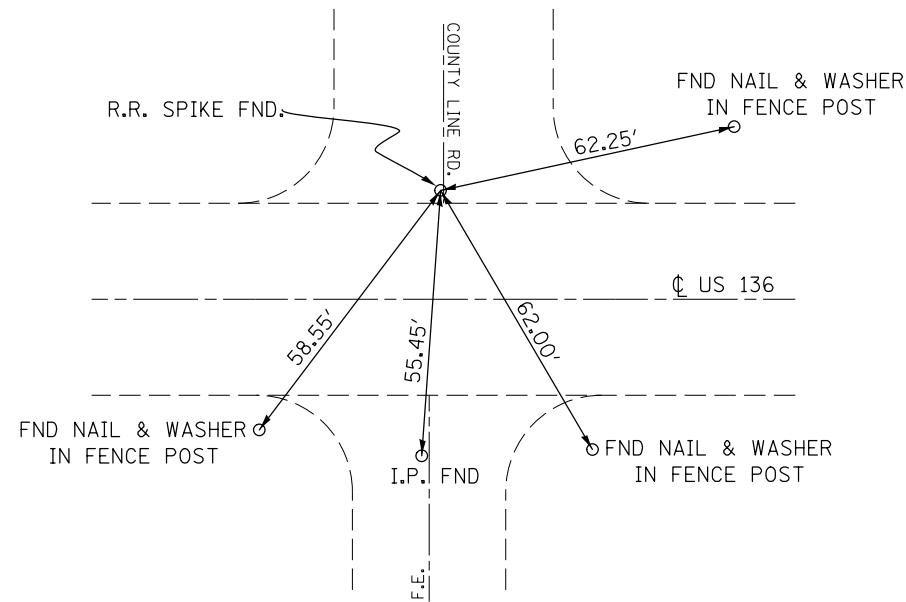
CENTERLINE TIE POINTS

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

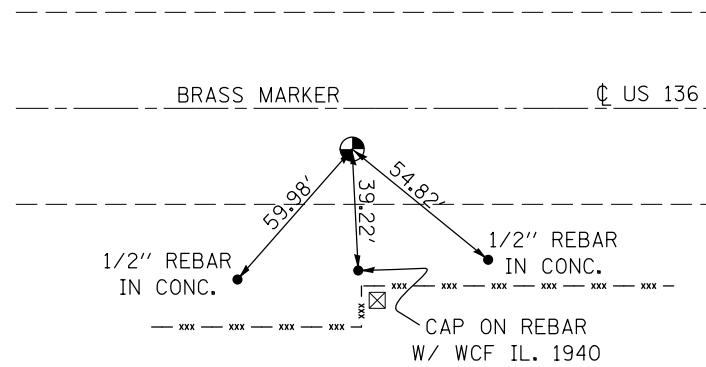
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315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	24
CONTRACT NO. 70783				

ILLINOIS FED. AID PROJECT

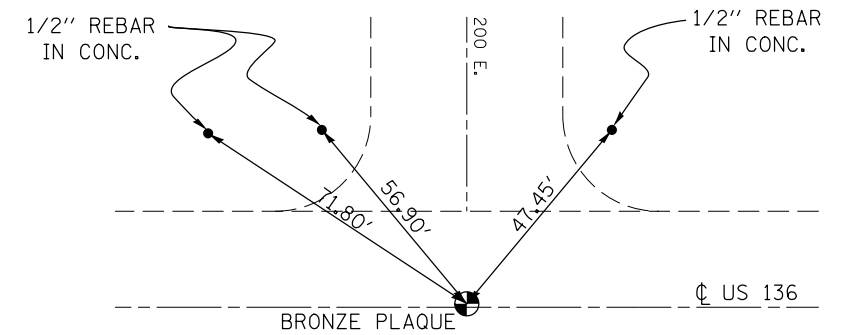
FOUND R.R. SPIKE
S.W. COR. SEC. 31
STA. 223 + 91.32, 15.12' LT



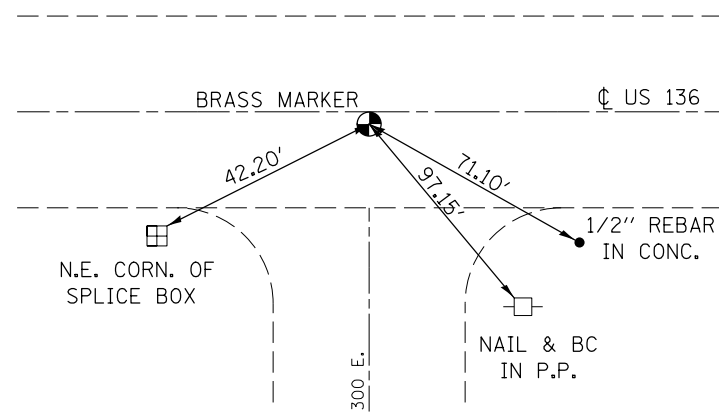
FOUND BRASS DISK
N.W. COR. SEC. 5
STA. 277 + 20.64, 5.26' RT



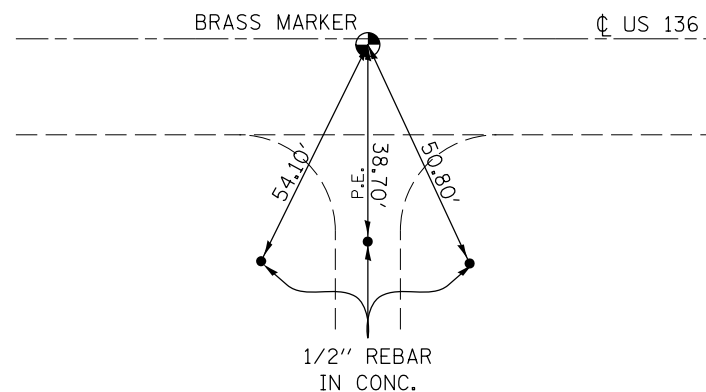
FOUND BRONZE PLAQUE
S.E. COR. SEC. 32
STA. 329 + 54.75, 0.06' LT



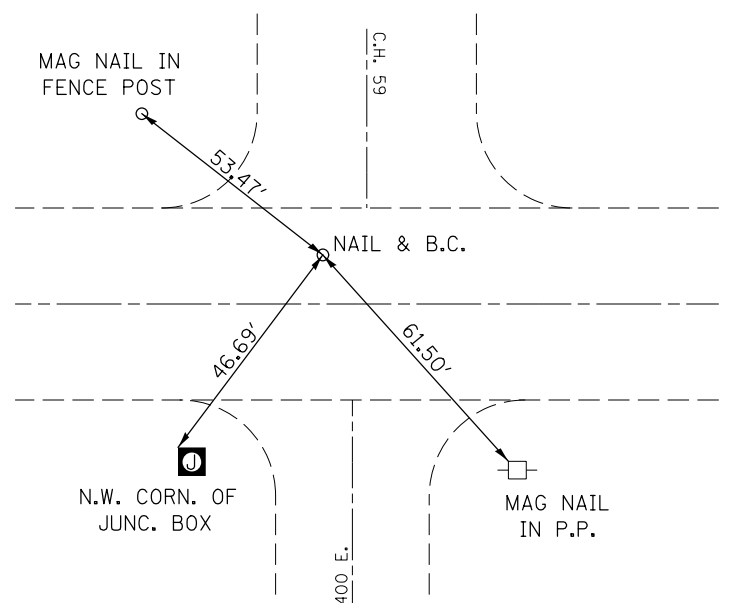
FOUND BRASS DISK
N.W. COR. SEC. 3
STA. 383 + 38.92, 1.15' RT



FOUND BRASS DISK
S. 1/4 COR. SEC. 34
STA. 409 + 19.93, 0.77' RT



FOUND NAIL & B.C.
S.E. COR. SEC. 34
STA. 435 + 95.45, 7.01' LT



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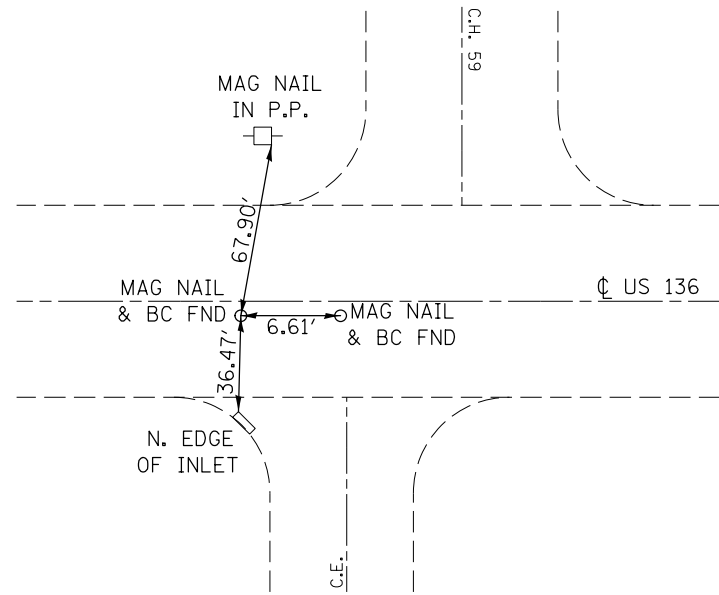
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MONUMENT TIE POINTS

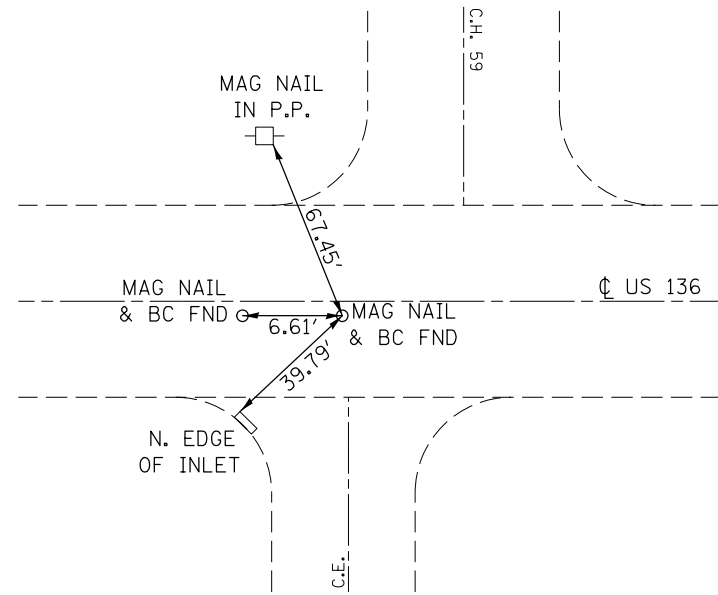
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	25
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

FOUND MAG NAIL & B.C.
S.E. COR. SEC. 35
STA. 2034 + 76.34, 2.29' RT



FOUND MAG NAIL & B.C.
S.E. COR. SEC. 35
STA. 2034 + 82.96, 2.24' RT



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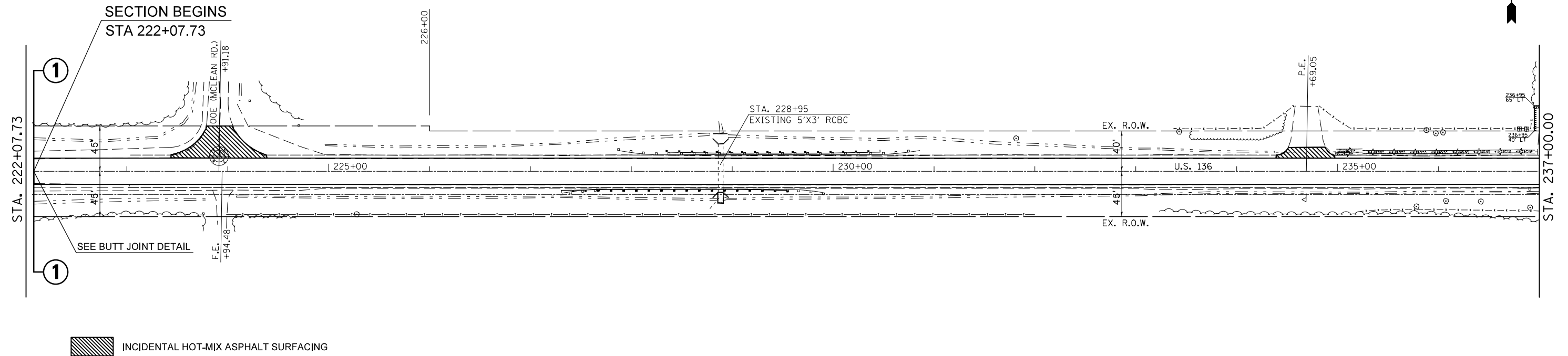
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MONUMENT TIE POINTS

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

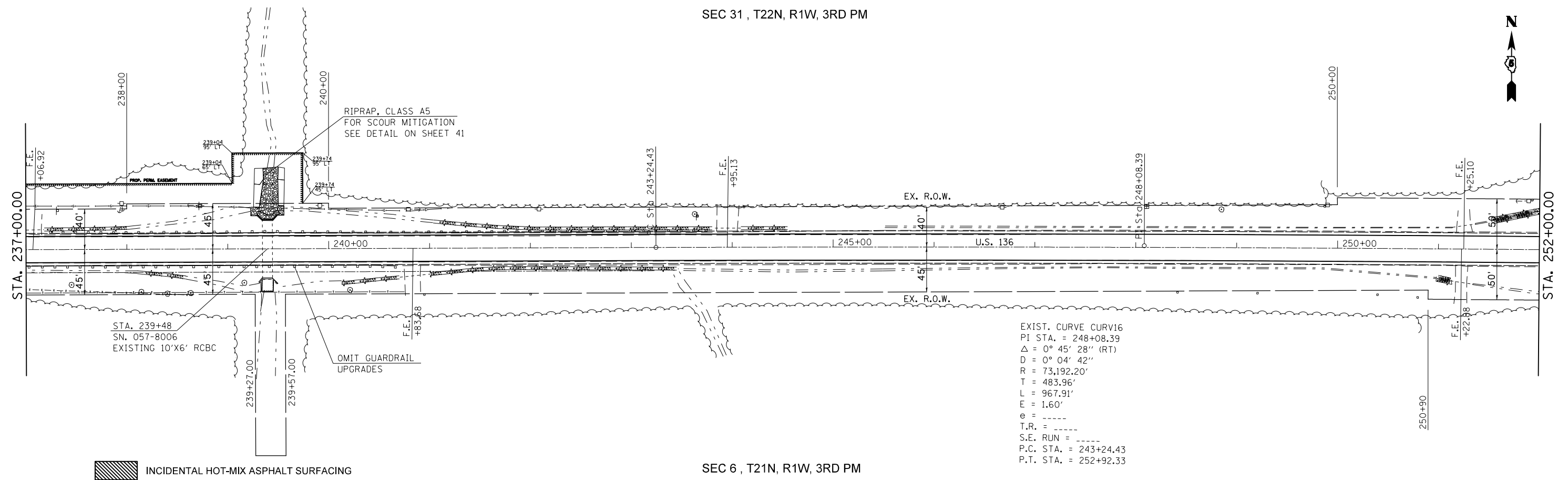
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	26
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

SEC 31 , T22N, R1W, 3RD PM



SEC 6 , T21N, R1W, 3RD PM

SEC 31 , T22N, R1W, 3RD PM



SEC 6 , T21N, R1W, 3RD PM

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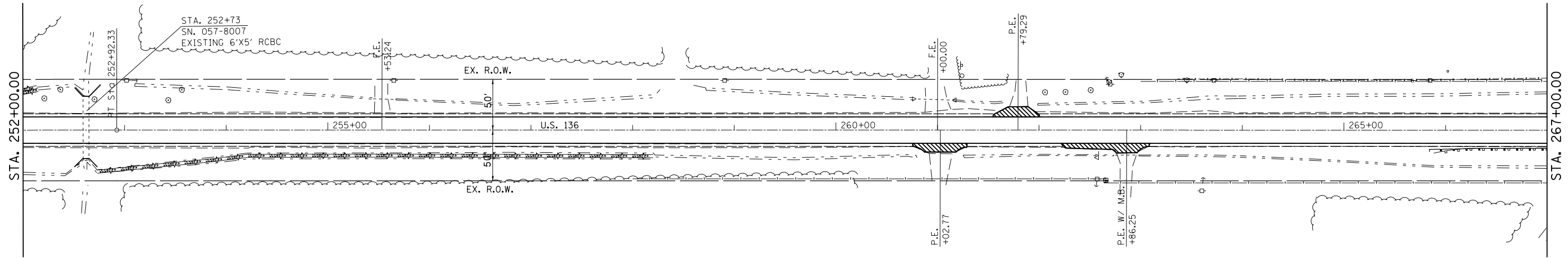
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET NO. OF SHEETS		STA. TO STA.	
		315		119RS-4,18RS&(57-10)RS	
		McLean		CONTRACT NO. 70783	
		ILLINOIS		FED. AID PROJECT	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	McLean	225	27

SEC 31 , T22N, R1W, 3RD PM

SEC 32 , T22N, R1W, 3RD PM

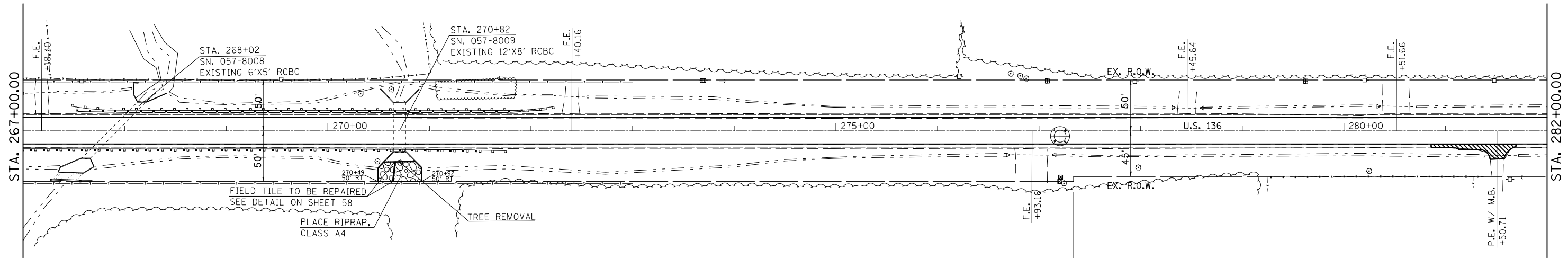


INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 6 , T21N, R1W, 3RD PM

SEC 5 , T21N, R1W, 3RD PM

SEC 32 , T21N, R1W, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 5 , T21N, R1W, 3RD PM

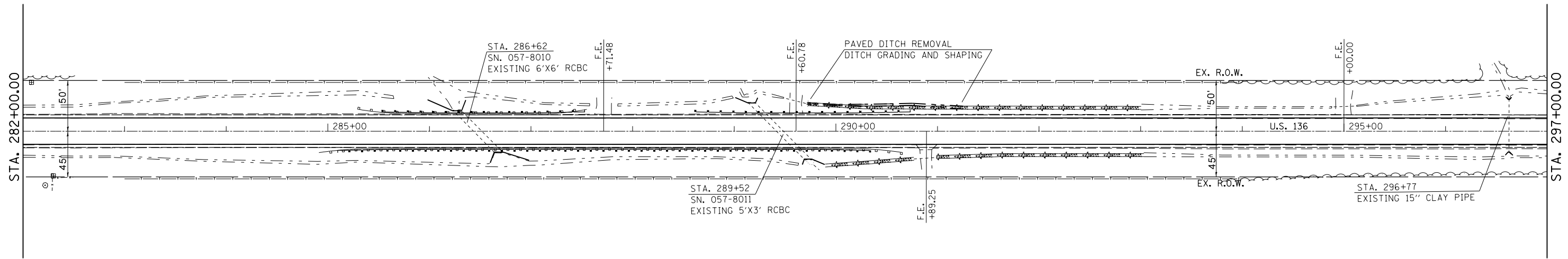
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	McLean	225	28
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

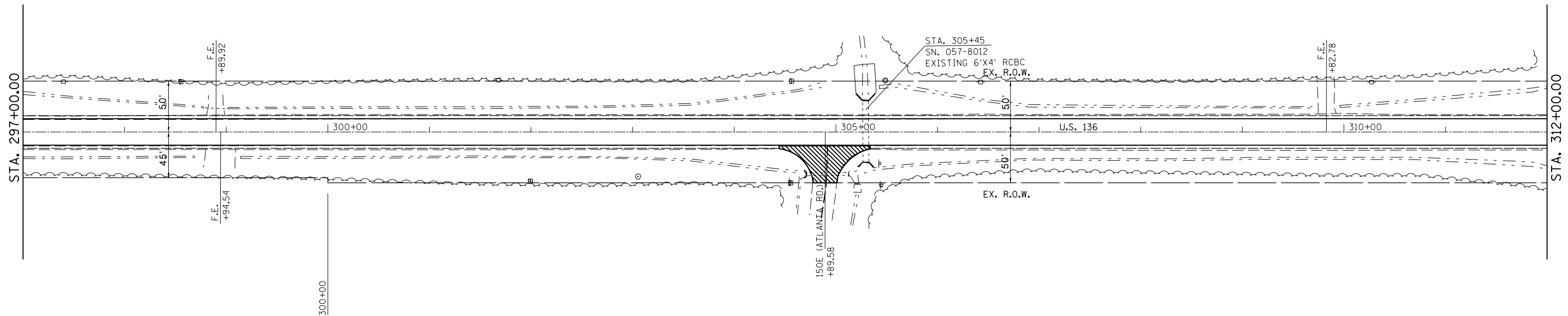
SEC 32 , T22N, R1W, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 5 , T21N, R1W, 3RD PM

SEC 32 , T22N, R1W, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 5 , T21N, R1W, 3RD PM

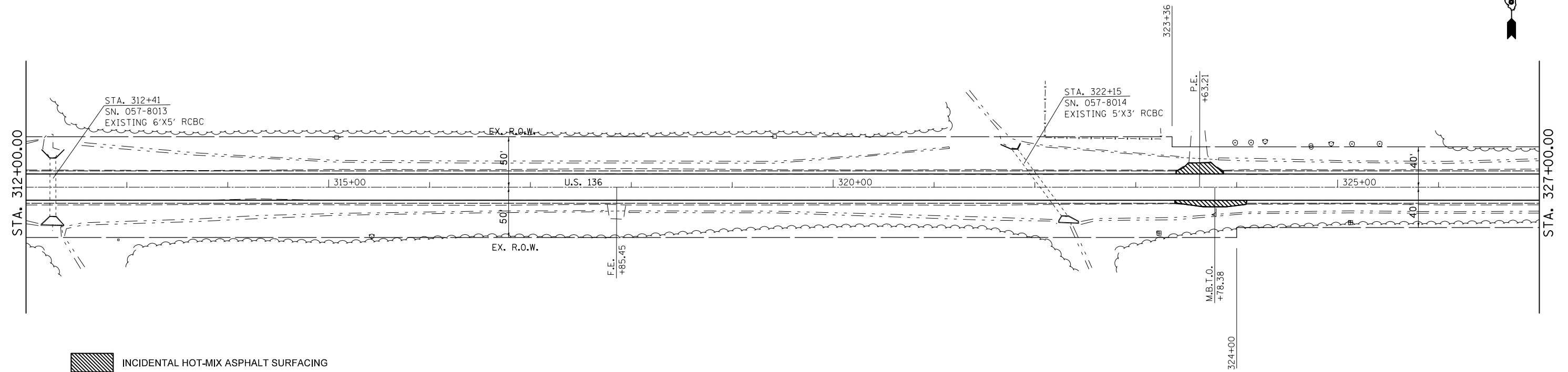
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

Plan Sheet				
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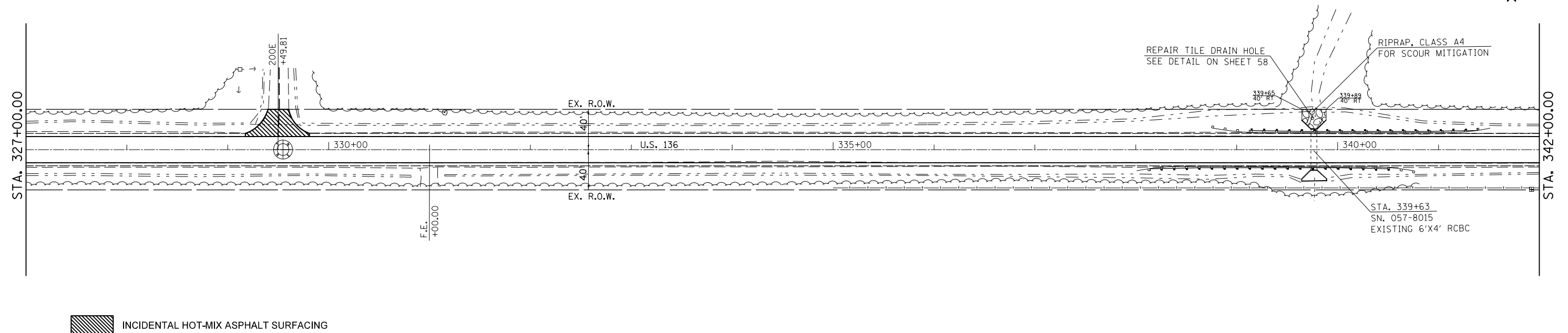
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	McLean	225	29
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

SEC 32 , T22N, R1W, 3RD PM



SEC 5 , T21N, R1W, 3RD PM

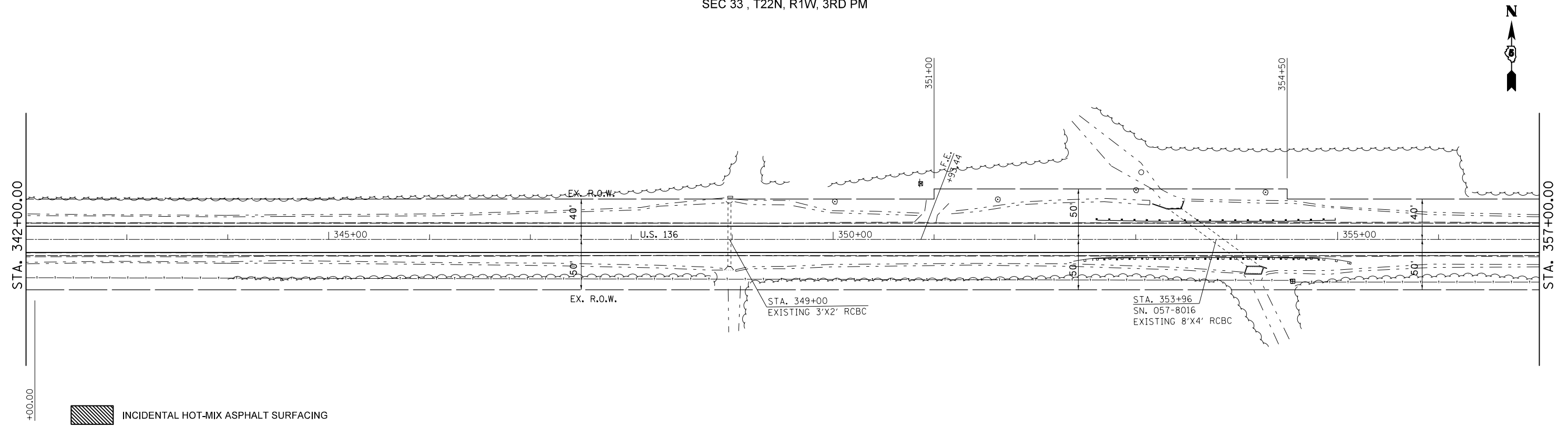
SEC 33 , T22N, R1W, 3RD PM



SEC 4 , T21N, R1W, 3RD PM

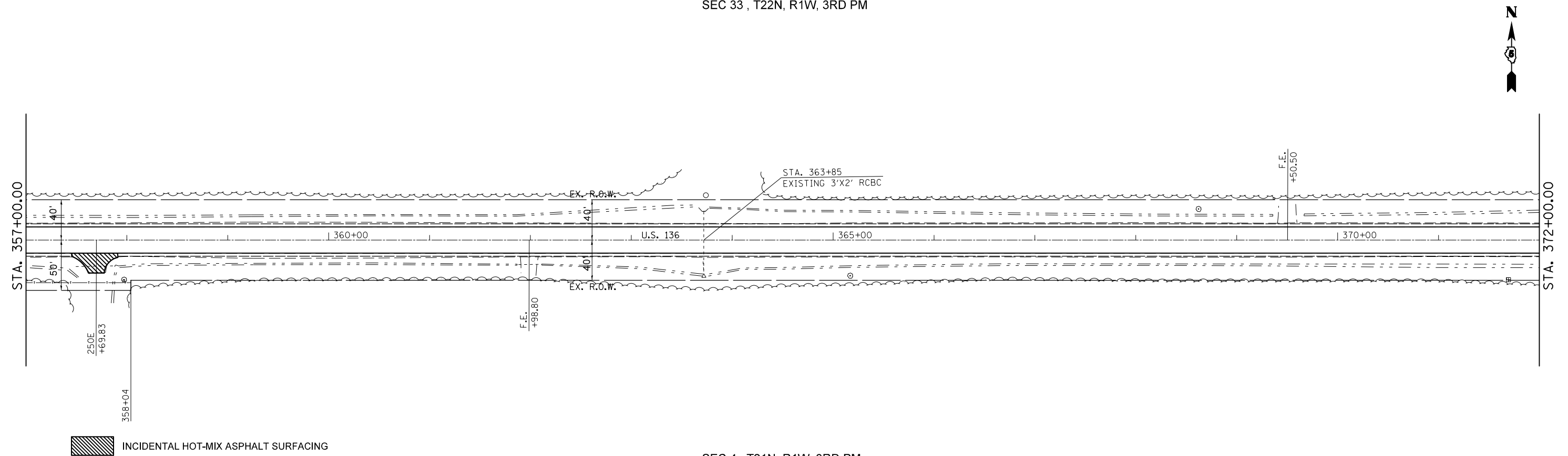
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	PLOT DATE = 10/9/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

SEC 33 , T22N, R1W, 3RD PM



SEC 4 , T21N, R1W, 3RD PM

SEC 33 , T22N, R1W, 3RD PM



SEC 4 , T21N, R1W, 3RD PM

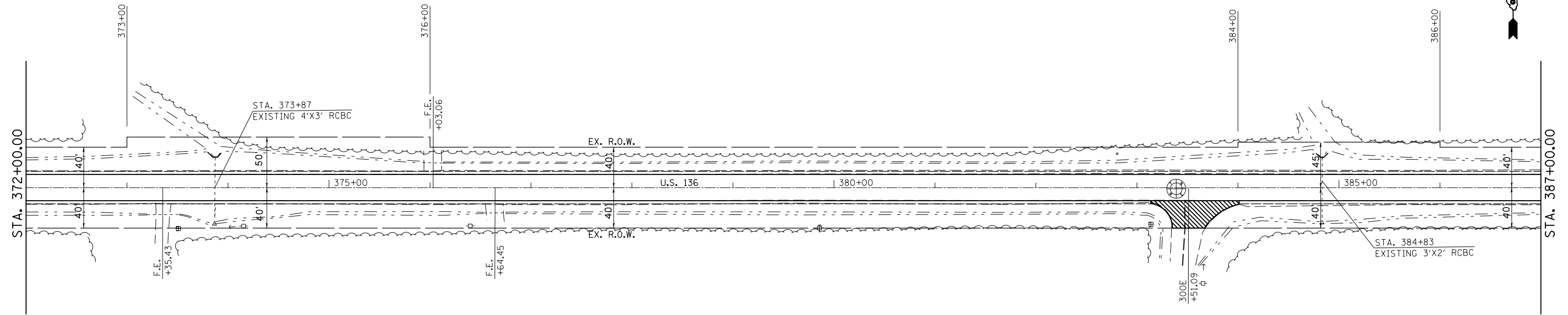
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			70783	
ILLINOIS FED. AID PROJECT				

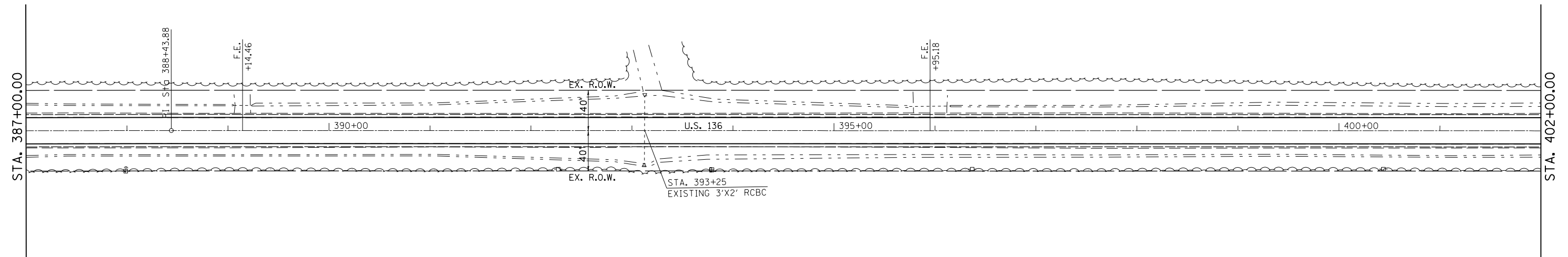
SEC 33 , T22N, R1W, 3RD PM




 INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 4 , T21N, R1W, 3RD PM

SEC 34 , T22N, R1W, 3RD PM



 INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 3 , T21N, R1W, 3RD PM

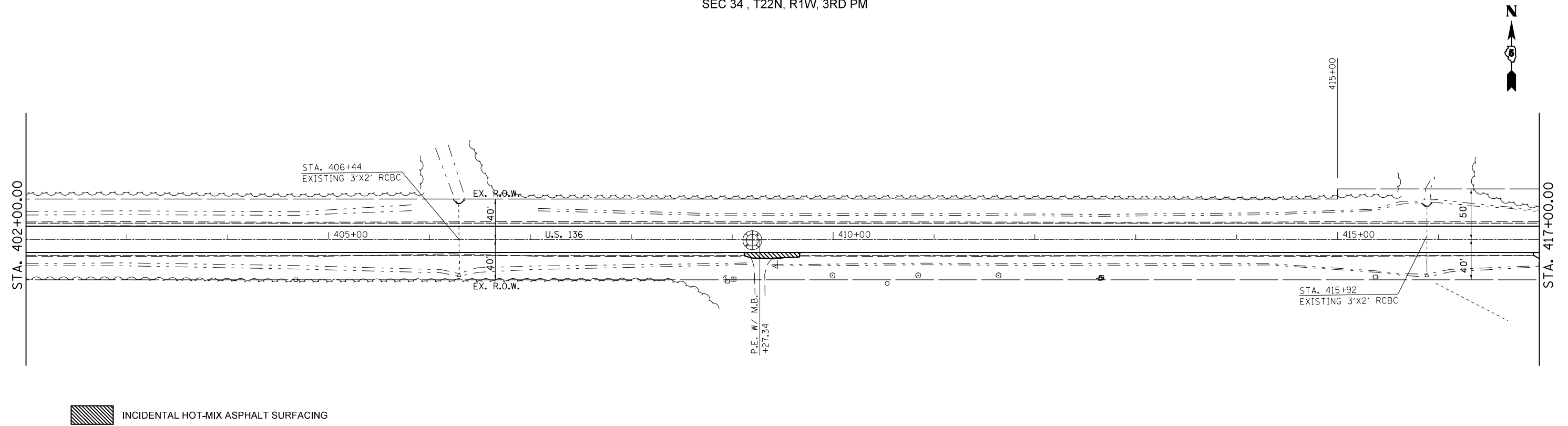
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Plan Sheet				
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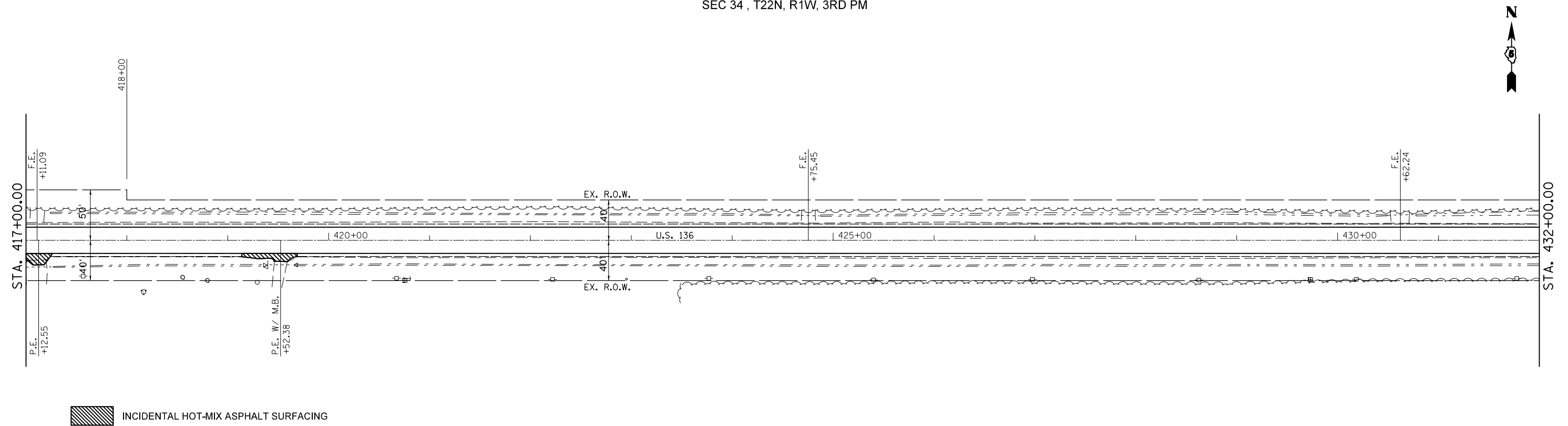
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CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

SEC 34 , T22N, R1W, 3RD PM



SEC 3 , T21N, R1W, 3RD PM

SEC 34 , T22N, R1W, 3RD PM



SEC 3 , T21N, R1W, 3RD PM

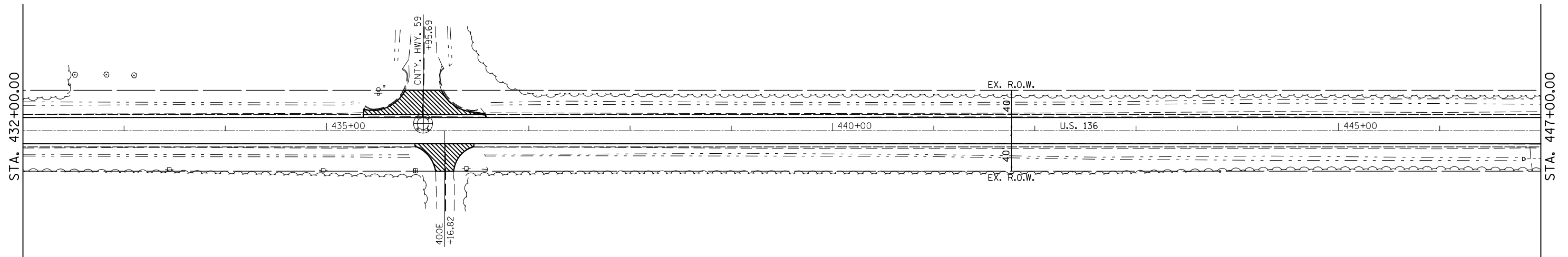
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	McLean	225	33
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

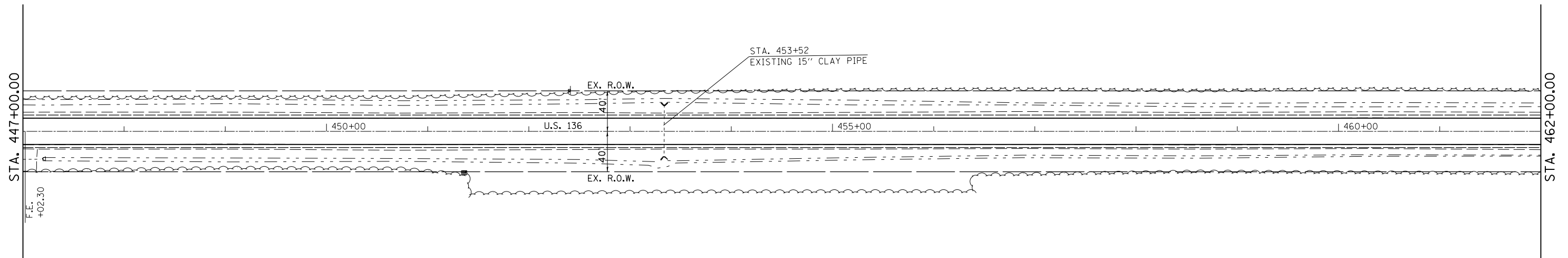
SEC 35 , T22N, R1W, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 2 , T21N, R1W, 3RD PM

SEC 35 , T22N, R1W, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

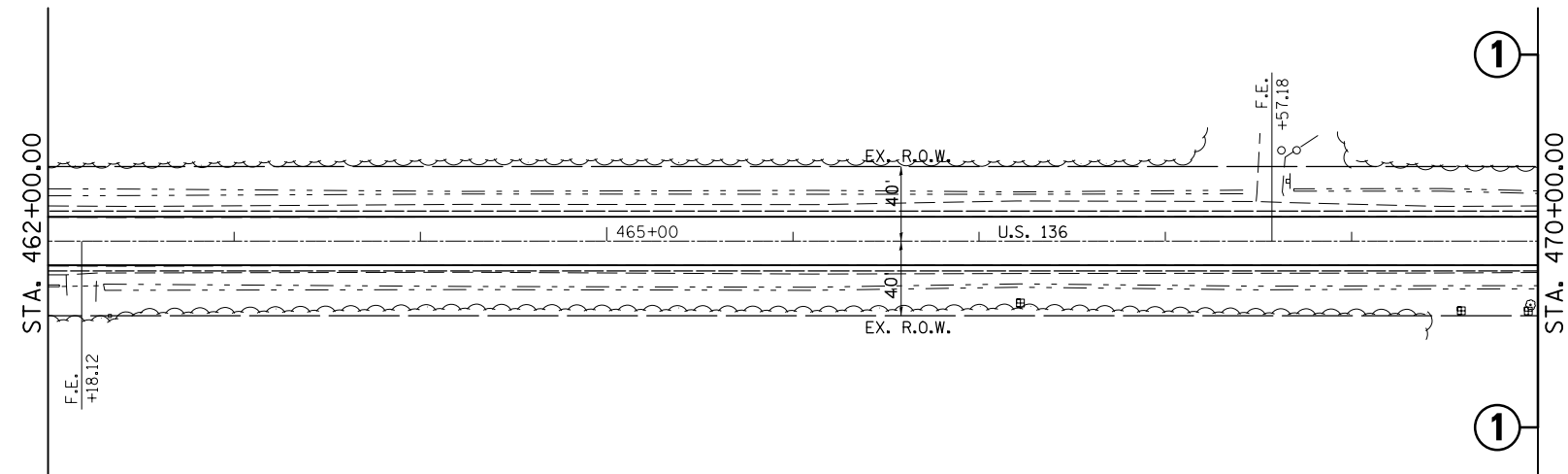
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	McLean	225	34
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				



 INCIDENTAL HOT-MIX ASPHALT SURFACING

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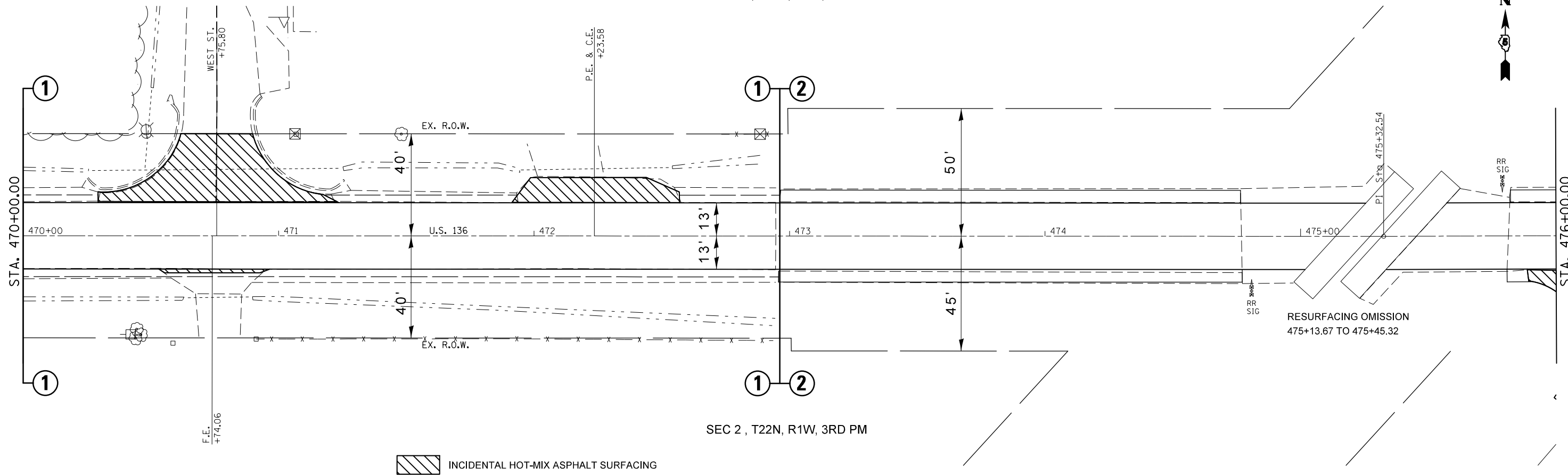
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

Plan Sheet

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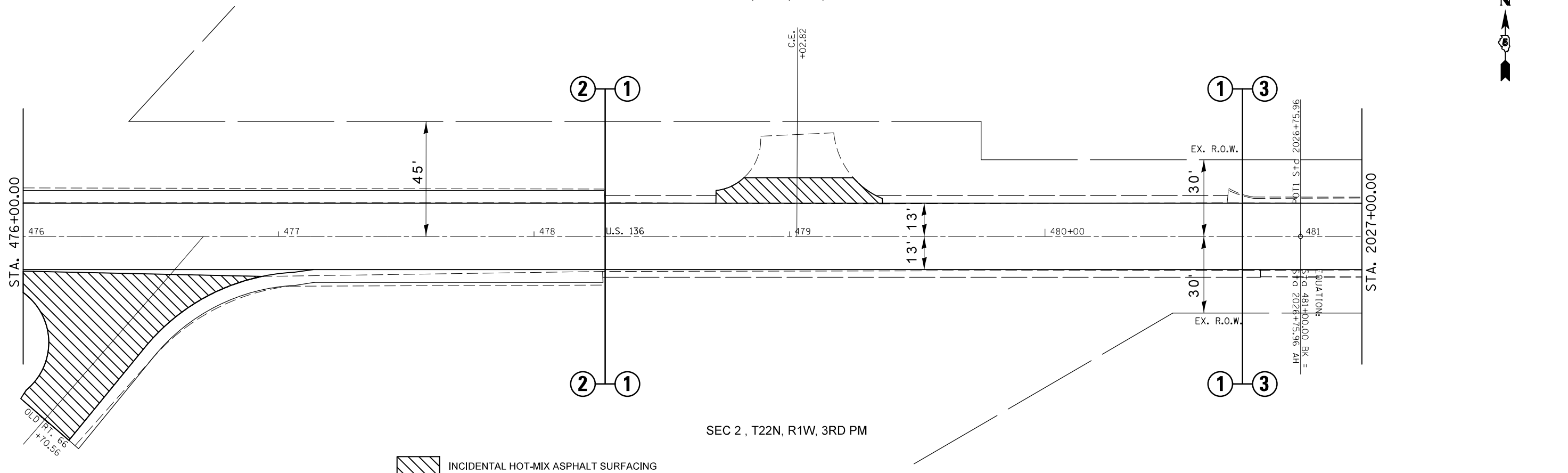
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CONTRACT NO. 70783			ILLINOIS FED. AID PROJECT	

SEC 35 , T22N, R1W, 3RD PM



SEC 2 , T22N, R1W, 3RD PM

SEC 35 , T22N, R1W, 3RD PM



SEC 2 , T22N, R1W, 3RD PM

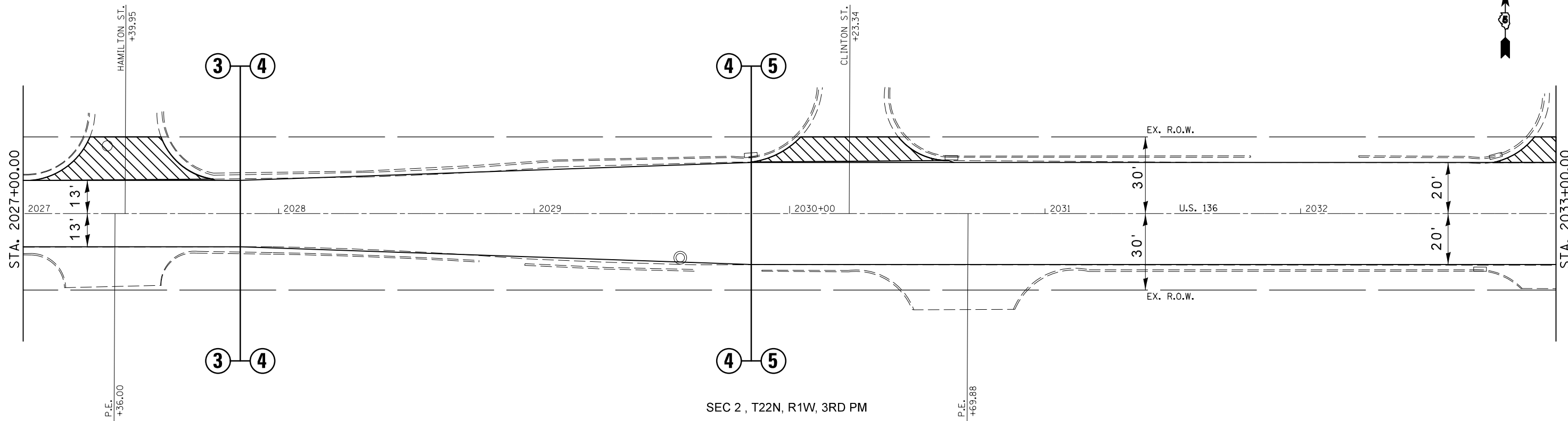
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

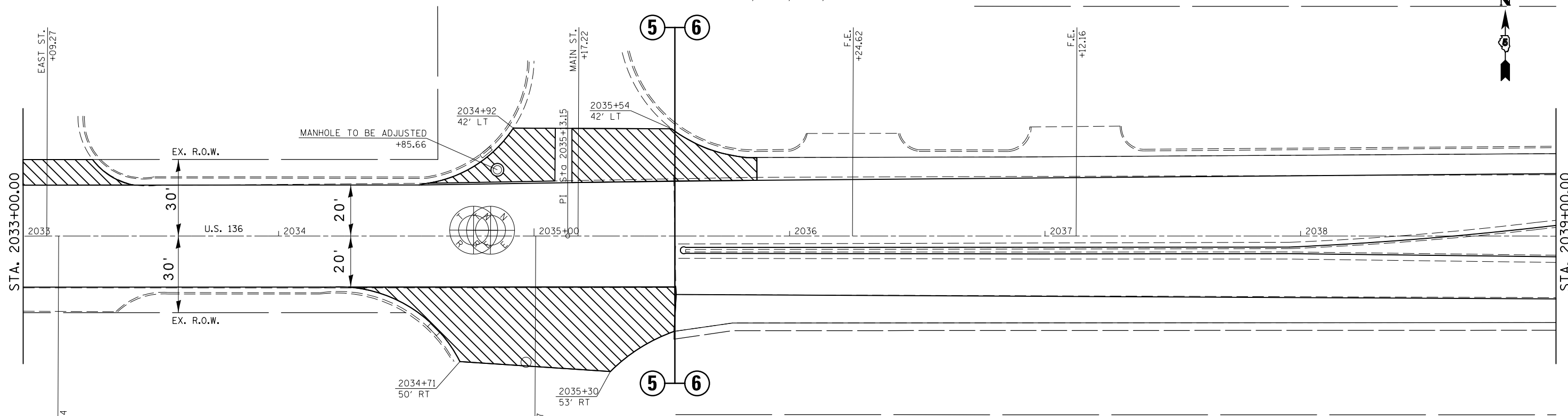
SEC 35 , T22N, R1W, 3RD PM



SEC 2 , T22N, R1W, 3RD PM

INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 36 , T22N, R1W, 3RD PM



SEC 1 , T22N, R1W, 3RD PM

INCIDENTAL HOT-MIX ASPHALT SURFACING

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

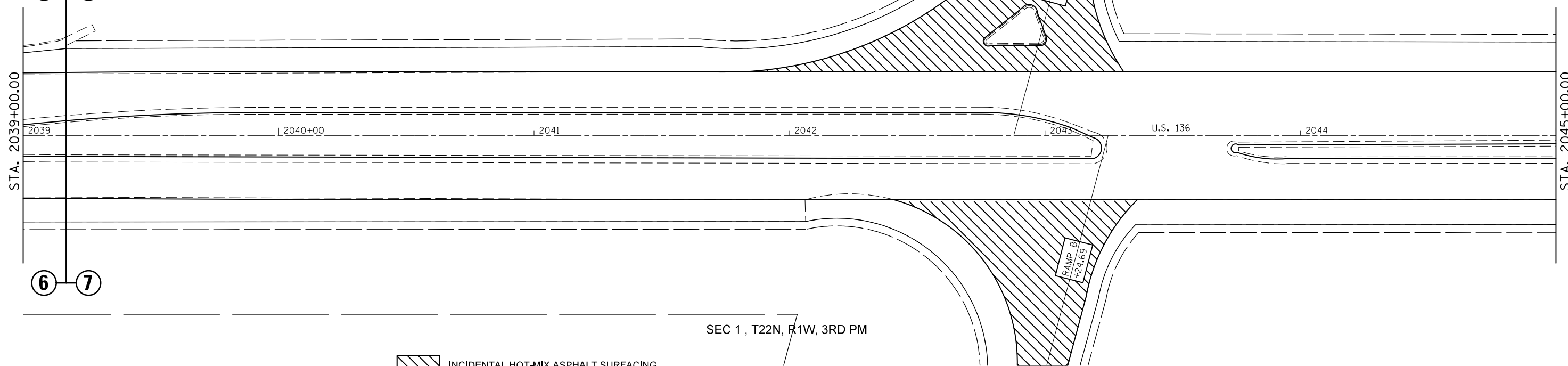
Plan Sheet			
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	McLean	225	37
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

SEC 36 , T22N, R1W, 3RD PM



6 7



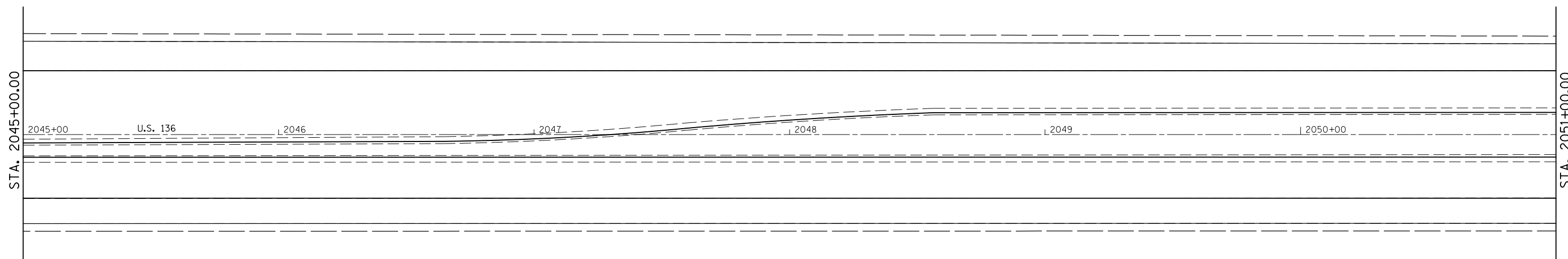
INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 1 , T22N, R1W, 3RD PM

SEC 36 , T22N, R1W, 3RD PM



6 7



INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 1 , T22N, R1W, 3RD PM

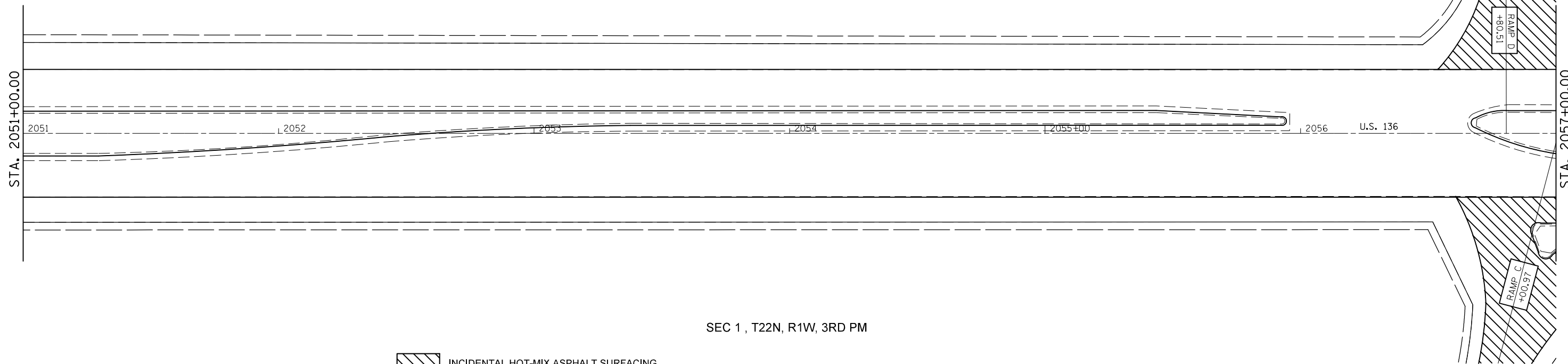
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

Plan Sheet				
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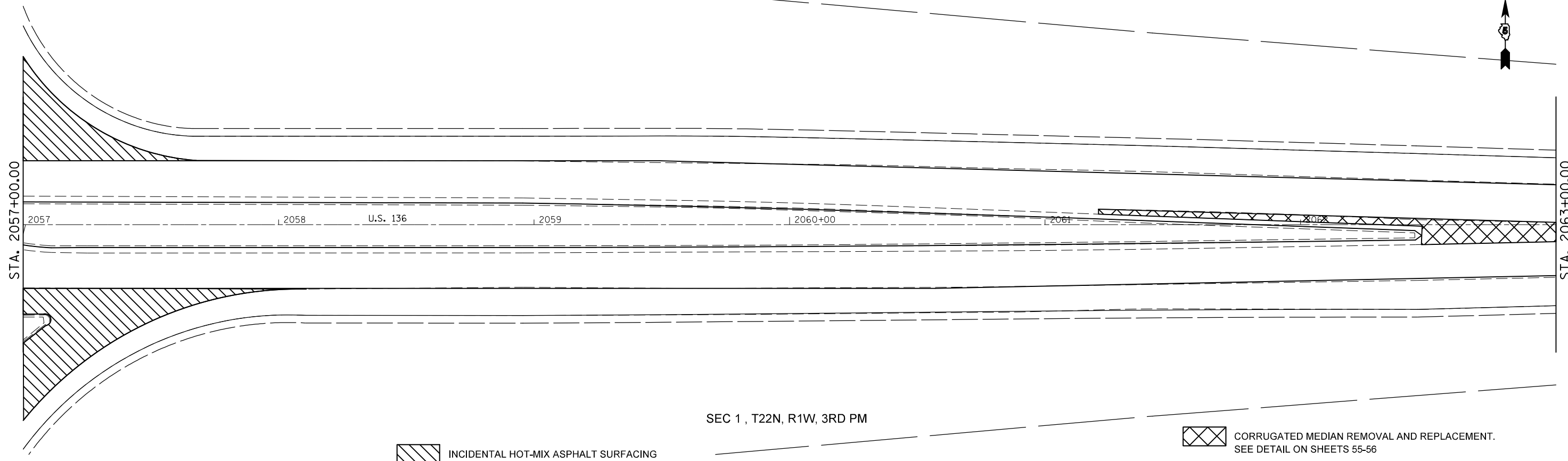
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				CONTRACT NO. 70783
ILLINOIS FED. AID PROJECT				

SEC 36 , T22N, R1W, 3RD PM



SEC 1 , T22N, R1W, 3RD PM

SEC 36 , T22N, R1W, 3RD PM



SEC 1 , T22N, R1W, 3RD PM

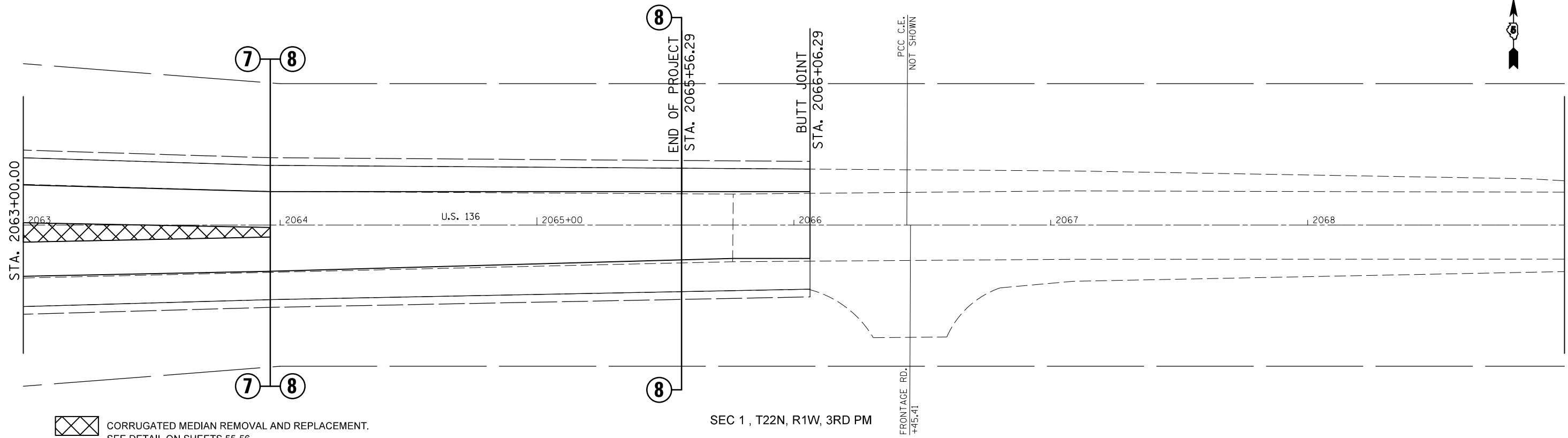
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Plan Sheet				
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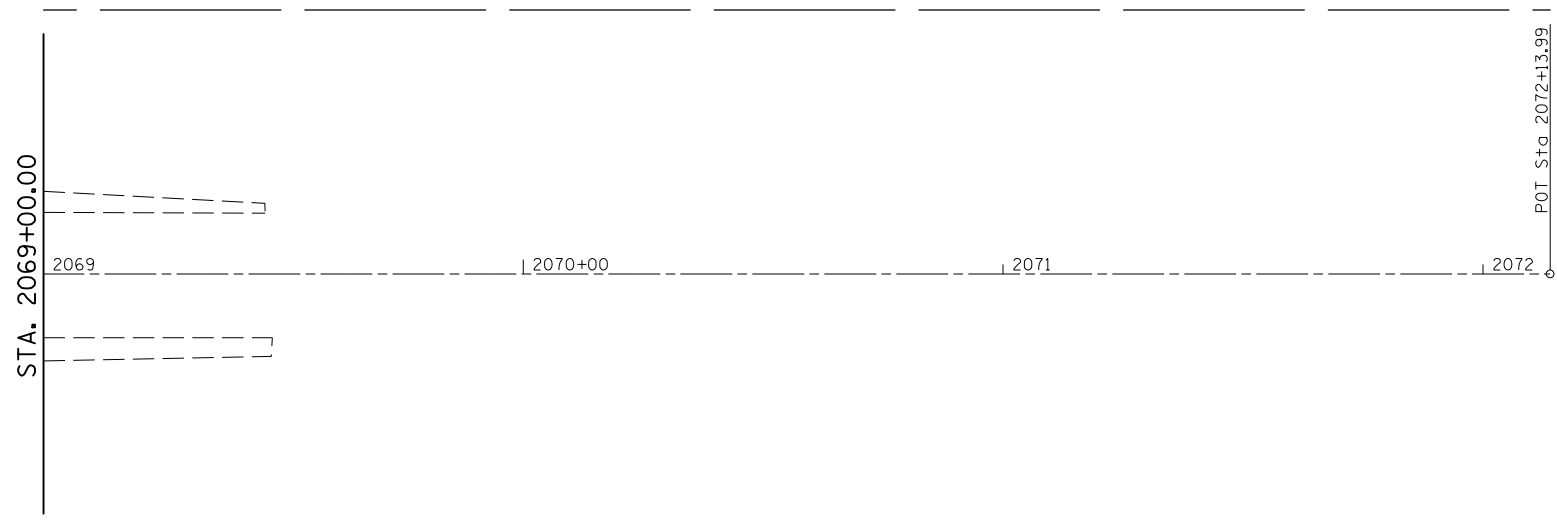
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	McLean	225	39
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

SEC 36 , T22N, R1W, 3RD PM



SEC 1 , T22N, R1W, 3RD PM

SEC 36 , T22N, R1W, 3RD PM



SEC 1 , T22N, R1W, 3RD PM

STA. 2072+13.99 Ext. 286.01

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	PLOT DATE = 10/9/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

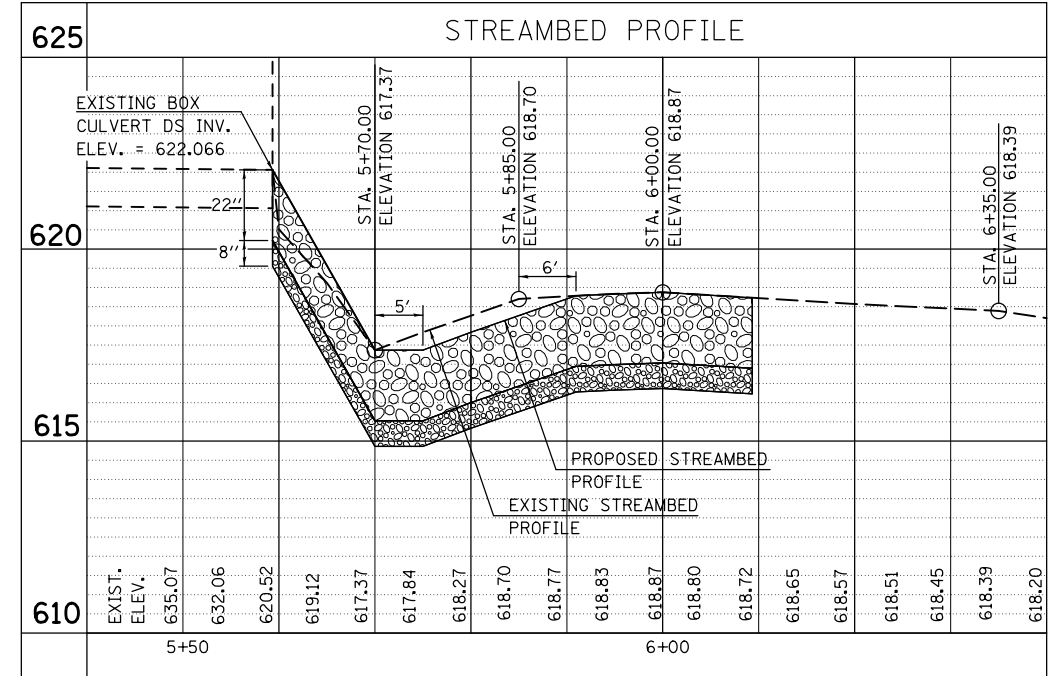
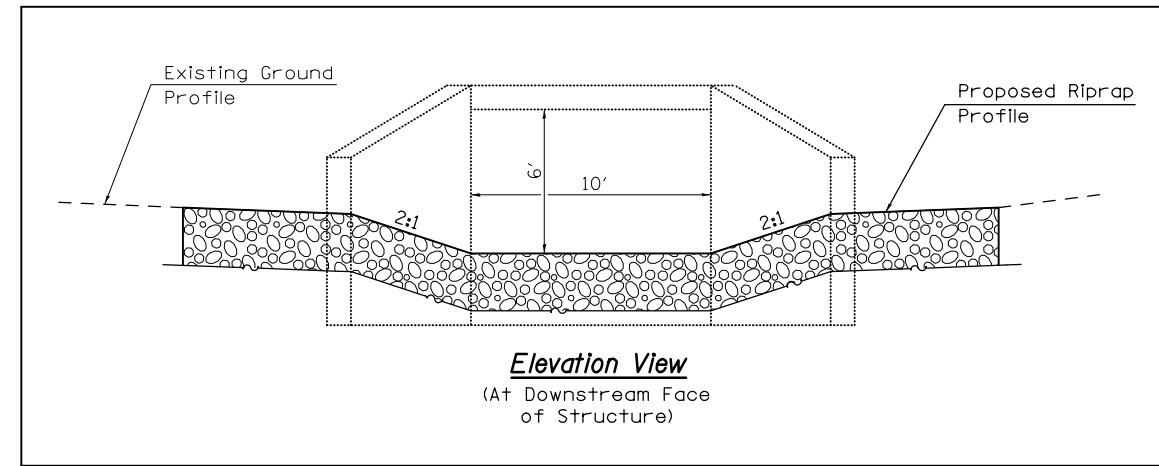
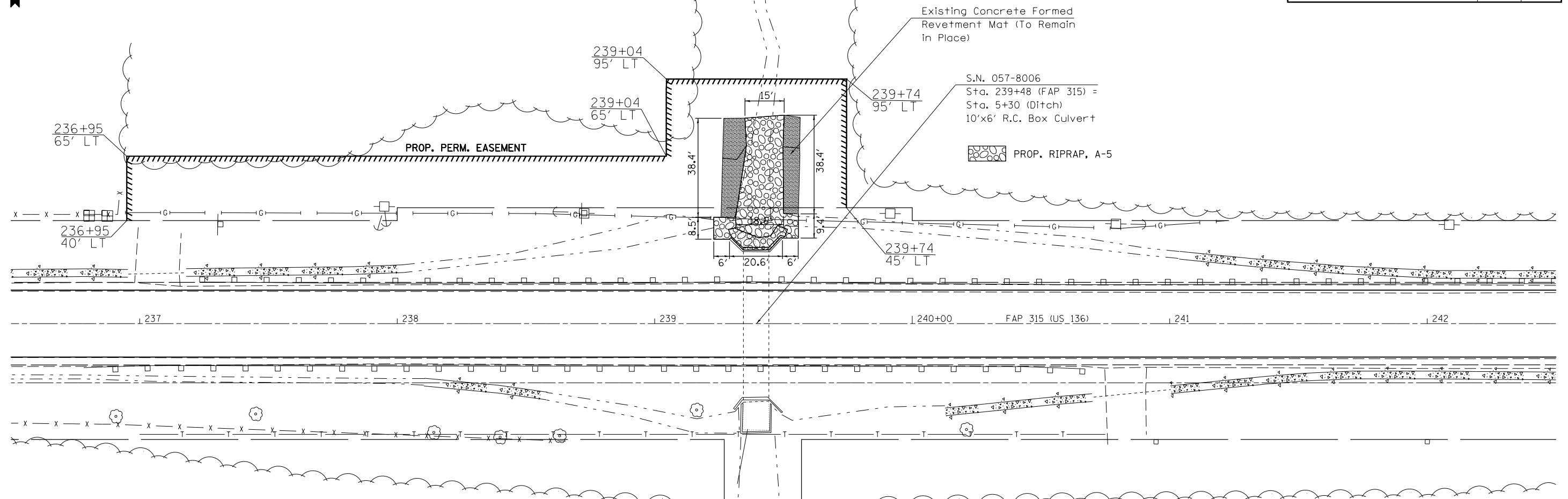
Plan Sheet			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	McLean	225	40
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIAL

Item	Unit	Total
Stone Riprap, Class A5	Sq Yd	110.0
Filter Fabric	Sq Yd	110.0



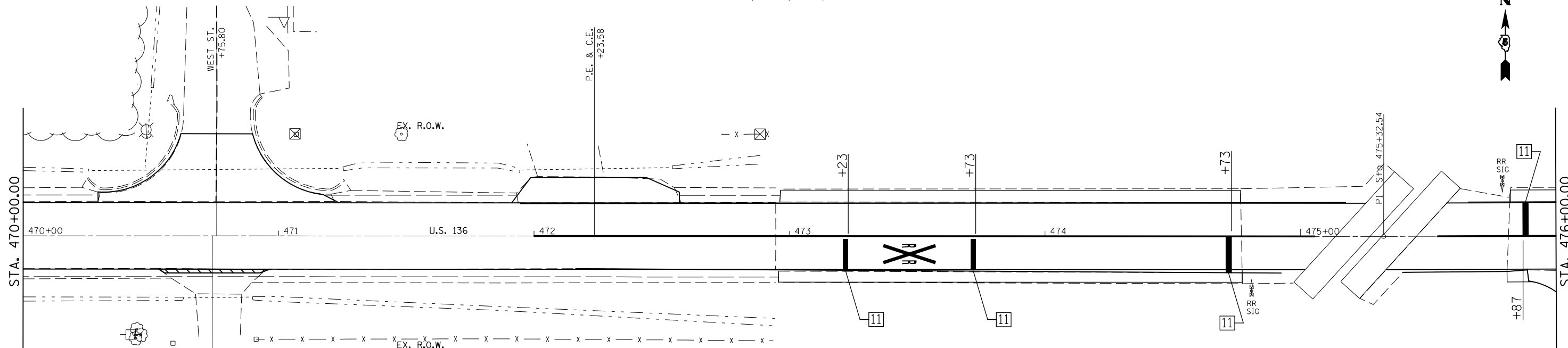
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PLOT SCALE = 40.0000' / in.		CHECKED <i>TJB</i>	REVISED -
PLOT DATE = 10/9/2012		DATE <i>2/15/2012</i>	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

S.N. 057-8006 SCOUR MITIGATION			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	McLean	225	41
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

SEC 35 , T22N, R1W, 3RD PM

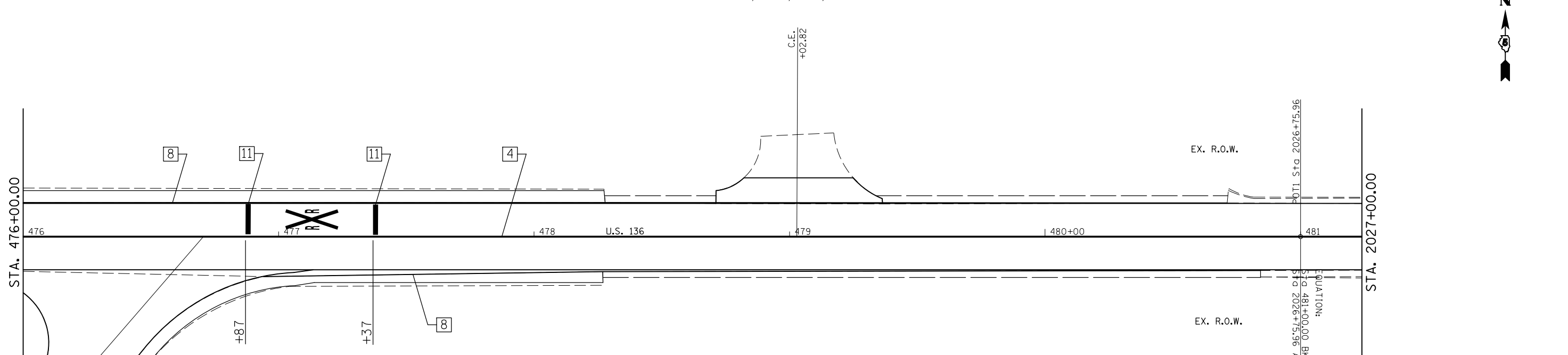


TYPICAL PAVEMENT MARKING LEGEND

1	4" (100) SKIP-DASH (YELLOW)	8	4" (100) SOLID (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)		

SEC 2 , T22N, R1W, 3RD PM

SEC 35 , T22N, R1W, 3RD PM



TYPICAL PAVEMENT MARKING LEGEND

1	4" (100) SKIP-DASH (YELLOW)	8	4" (100) SOLID (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)		

SEC 2 , T22N, R1W, 3RD PM

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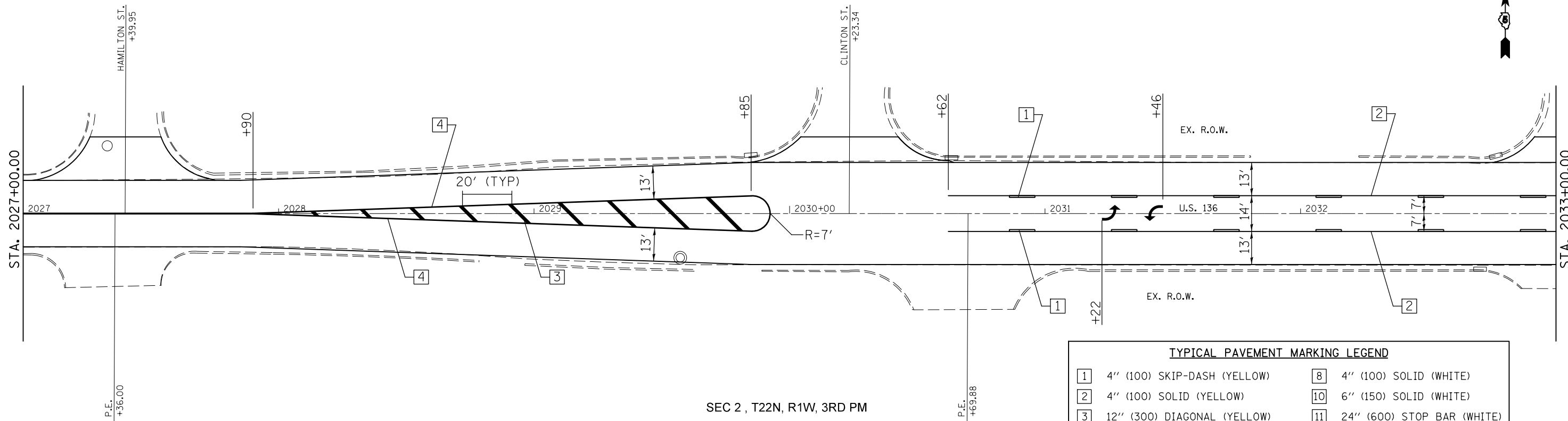
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	McLean	225	42
CONTRACT NO. 70783			ILLINOIS FED. AID PROJECT	

SEC 35 , T22N, R1W, 3RD PM

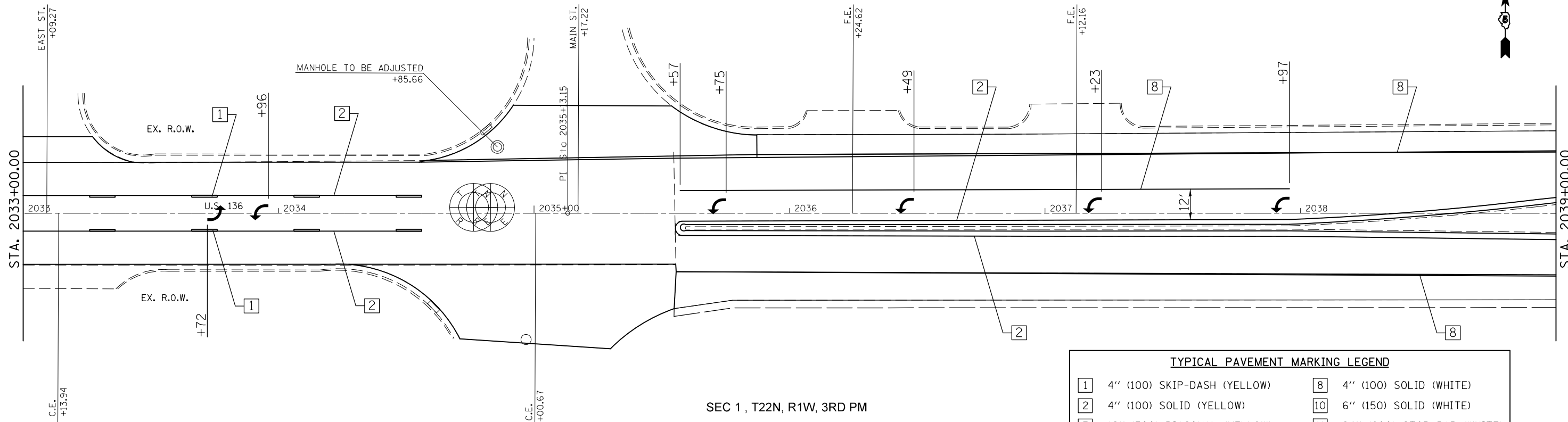


SEC 2 , T22N, R1W, 3RD PM

TYPICAL PAVEMENT MARKING LEGEND

1	4" (100) SKIP-DASH (YELLOW)	8	4" (100) SOLID (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)		

SEC 36 , T22N, R1W, 3RD PM



SEC 1 , T22N, R1W, 3RD PM

TYPICAL PAVEMENT MARKING LEGEND

1	4" (100) SKIP-DASH (YELLOW)	8	4" (100) SOLID (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)		

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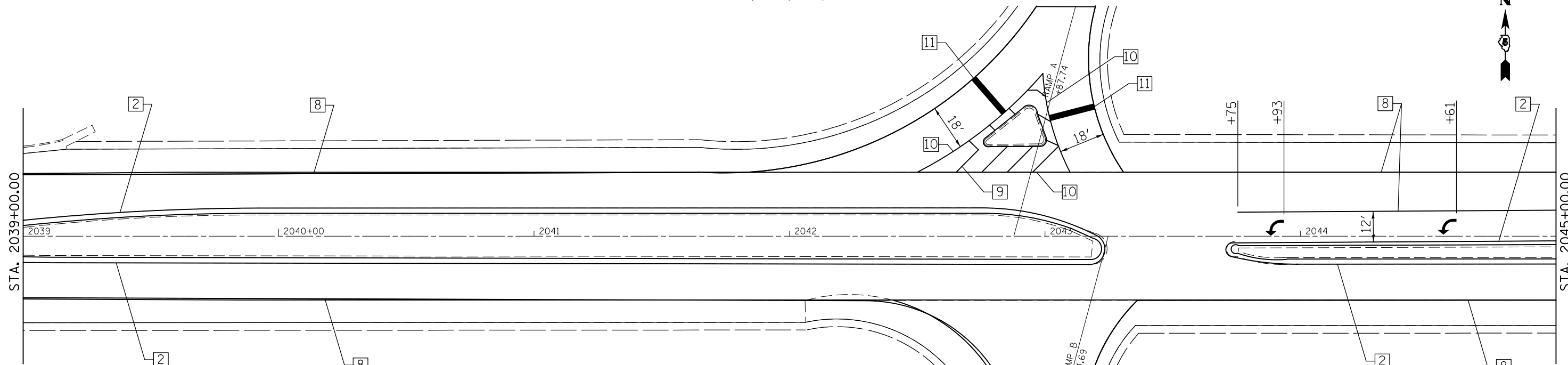
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	McLean	225	43
CONTRACT NO. 70783			ILLINOIS FED. AID PROJECT	

SEC 36 , T22N, R1W, 3RD PM

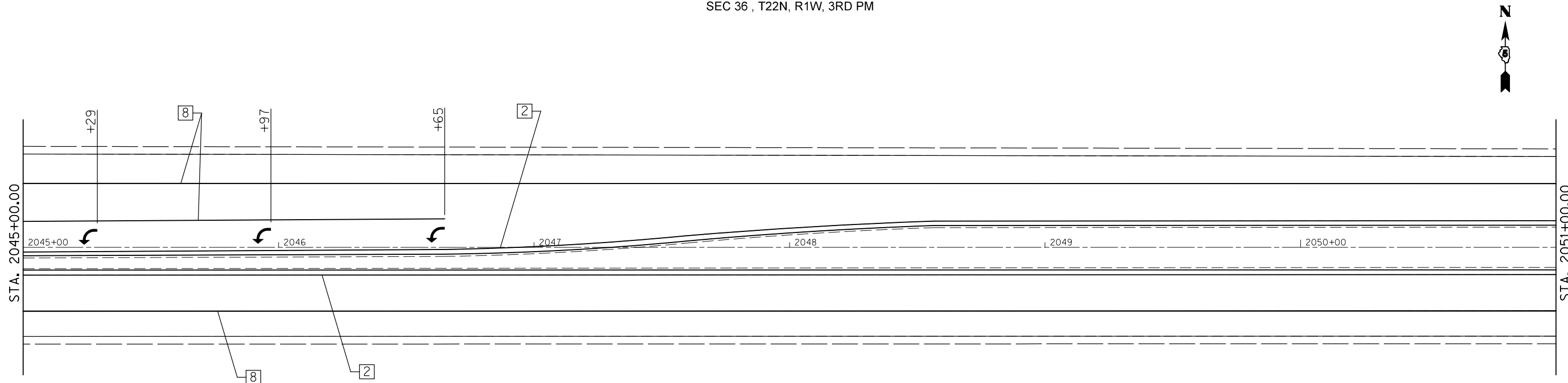


TYPICAL PAVEMENT MARKING LEGEND

1	4" (100) SKIP-DASH (YELLOW)	8	4" (100) SOLID (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)		

SEC 1 , T22N, R1W, 3RD PM

SEC 36 , T22N, R1W, 3RD PM



TYPICAL PAVEMENT MARKING LEGEND

1	4" (100) SKIP-DASH (YELLOW)	8	4" (100) SOLID (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)		

SEC 1 , T22N, R1W, 3RD PM

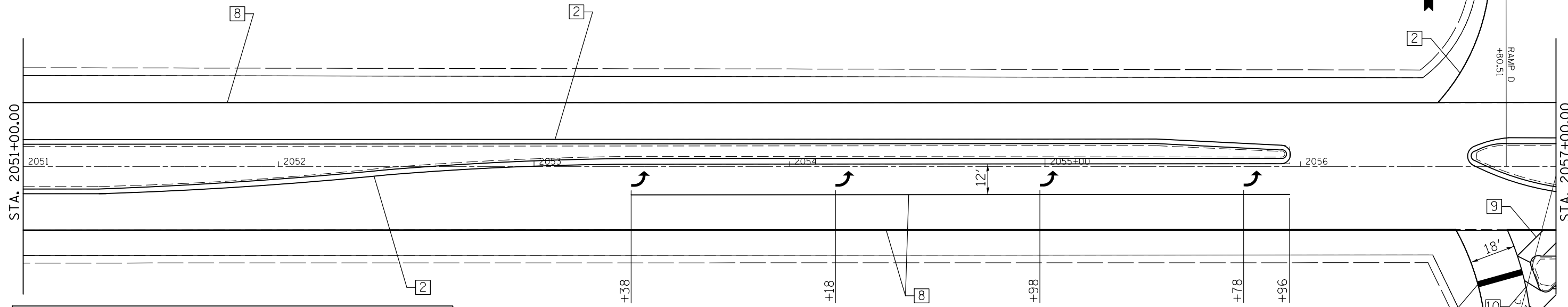
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	PLOT DATE = 10/9/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS

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

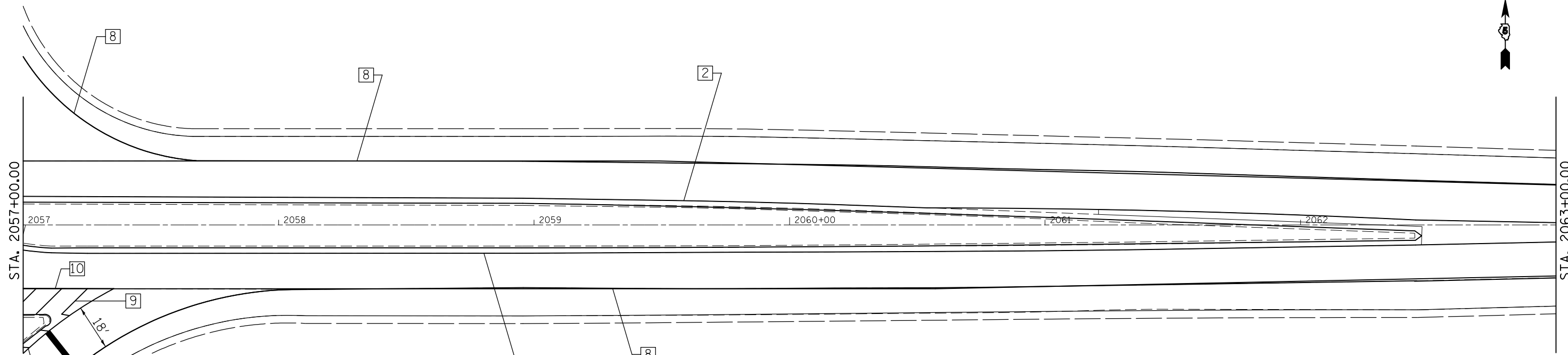
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	McLean	225	44
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				



TYPICAL PAVEMENT MARKING LEGEND

1	4" (100) SKIP-DASH (YELLOW)	8	4" (100) SOLID (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)		

SEC 1 , T22N, R1W, 3RD PM



TYPICAL PAVEMENT MARKING LEGEND

1	4" (100) SKIP-DASH (YELLOW)	8	4" (100) SOLID (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)		

SEC 1 , T22N, R1W, 3RD PM

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	PLOT DATE = 10/9/2012	DATE -	REVISED -

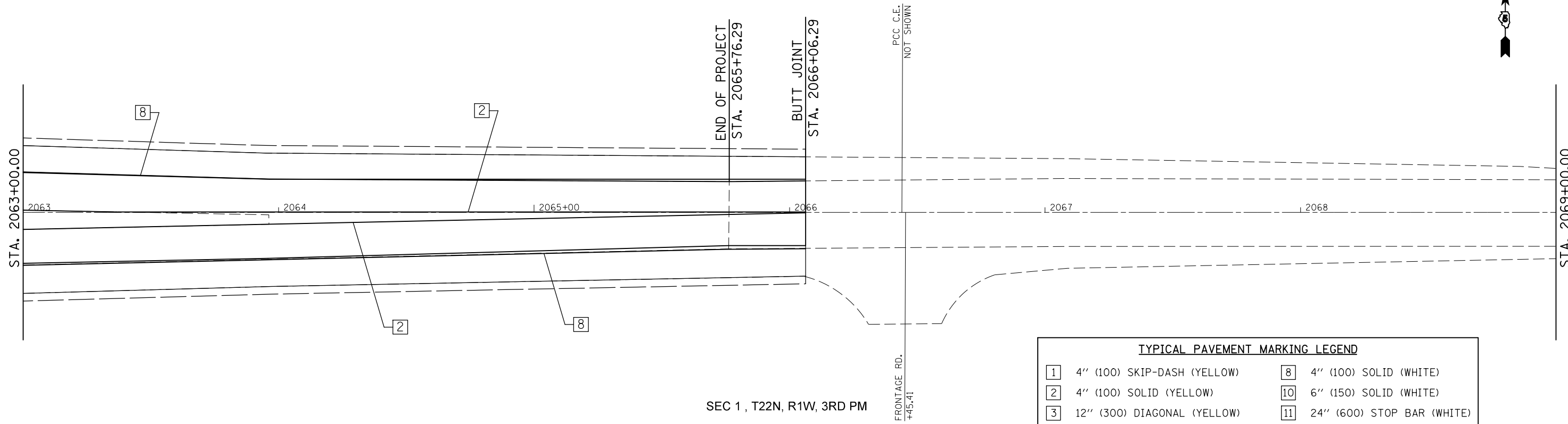
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	McLean	225	45
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

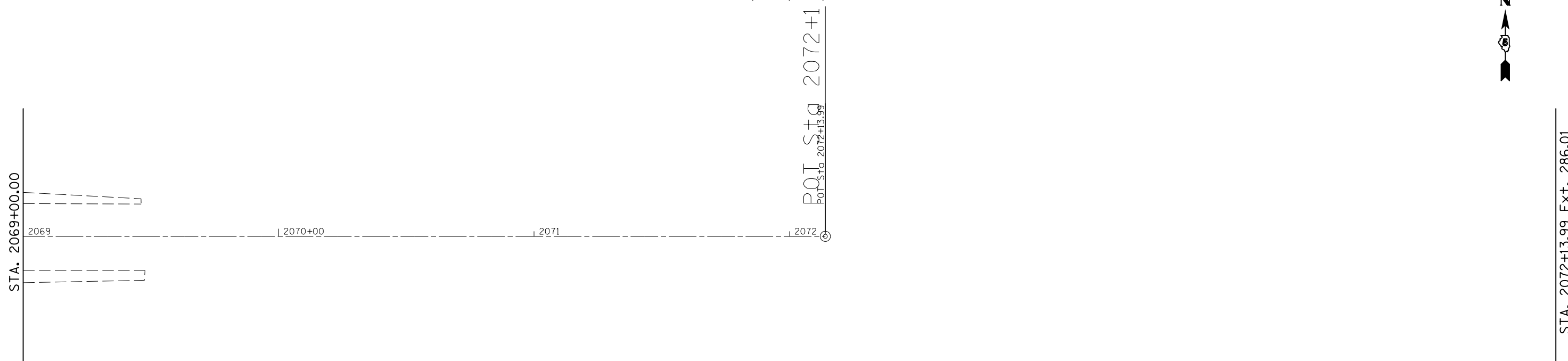
SEC 36 , T22N, R1W, 3RD PM



SEC 1 , T22N, R1W, 3RD PM

TYPICAL PAVEMENT MARKING LEGEND			
1	4" (100) SKIP-DASH (YELLOW)	8	4" (100) SOLID (WHITE)
2	4" (100) SOLID (YELLOW)	10	6" (150) SOLID (WHITE)
3	12" (300) DIAGONAL (YELLOW)	11	24" (600) STOP BAR (WHITE)
4	4" (100) DOUBLE YELLOW (NARROW)		

SEC 36 , T22N, R1W, 3RD PM



SEC 1 , T22N, R1W, 3RD PM

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	PLOT DATE = 10/9/2012	DATE -	REVISED -

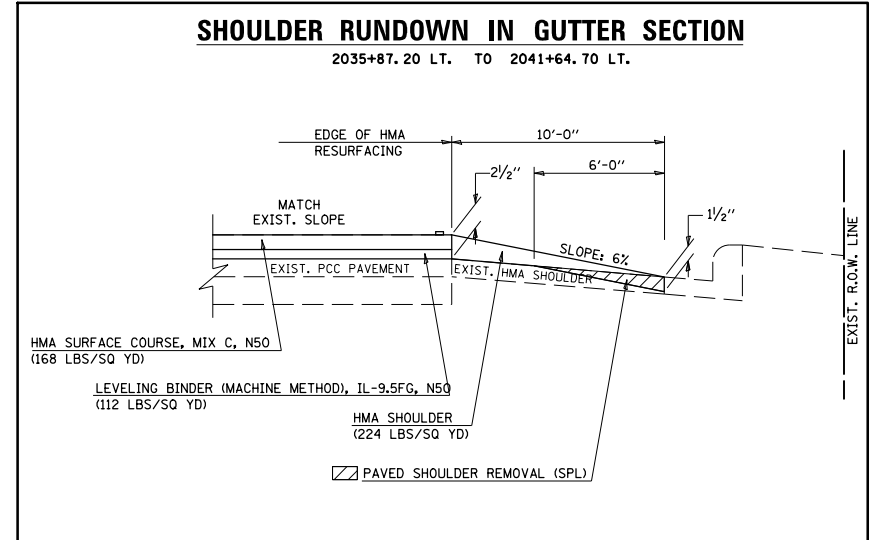
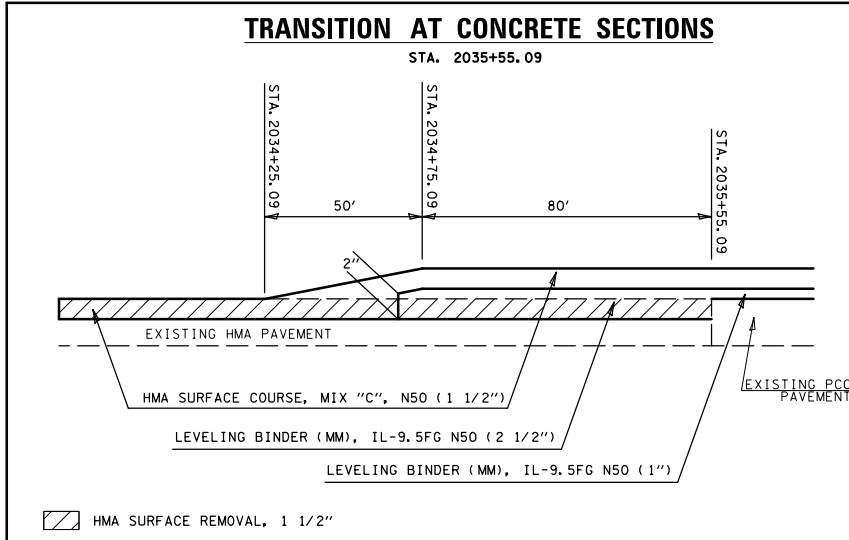
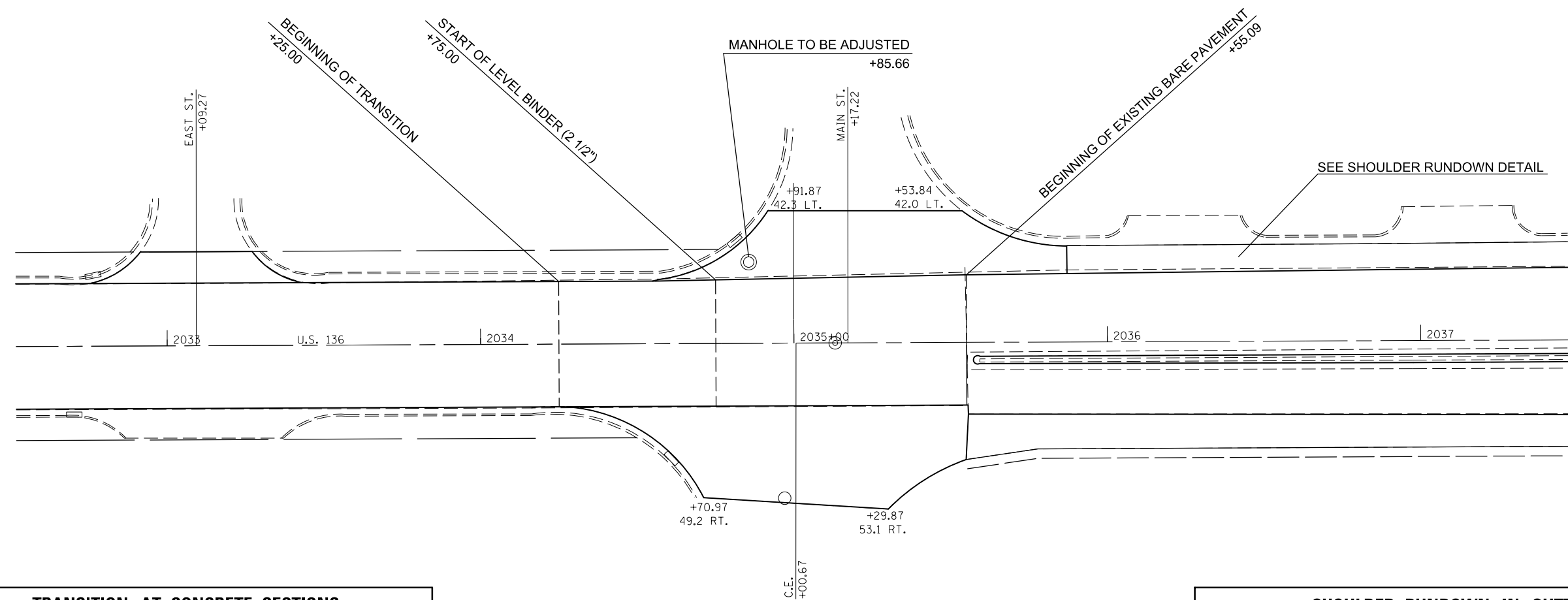
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	McLean	225	46
CONTRACT NO. 70783			ILLINOIS FED. AID PROJECT	

STA. 2072+13.99 Ext. 286.01



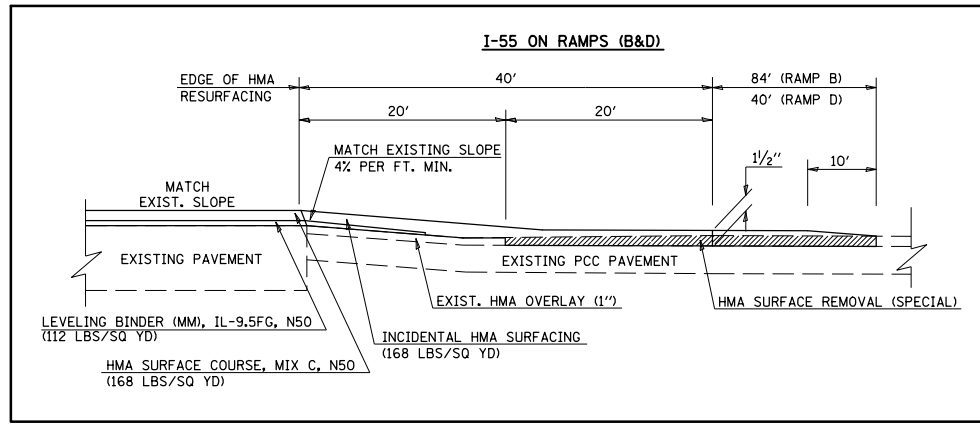
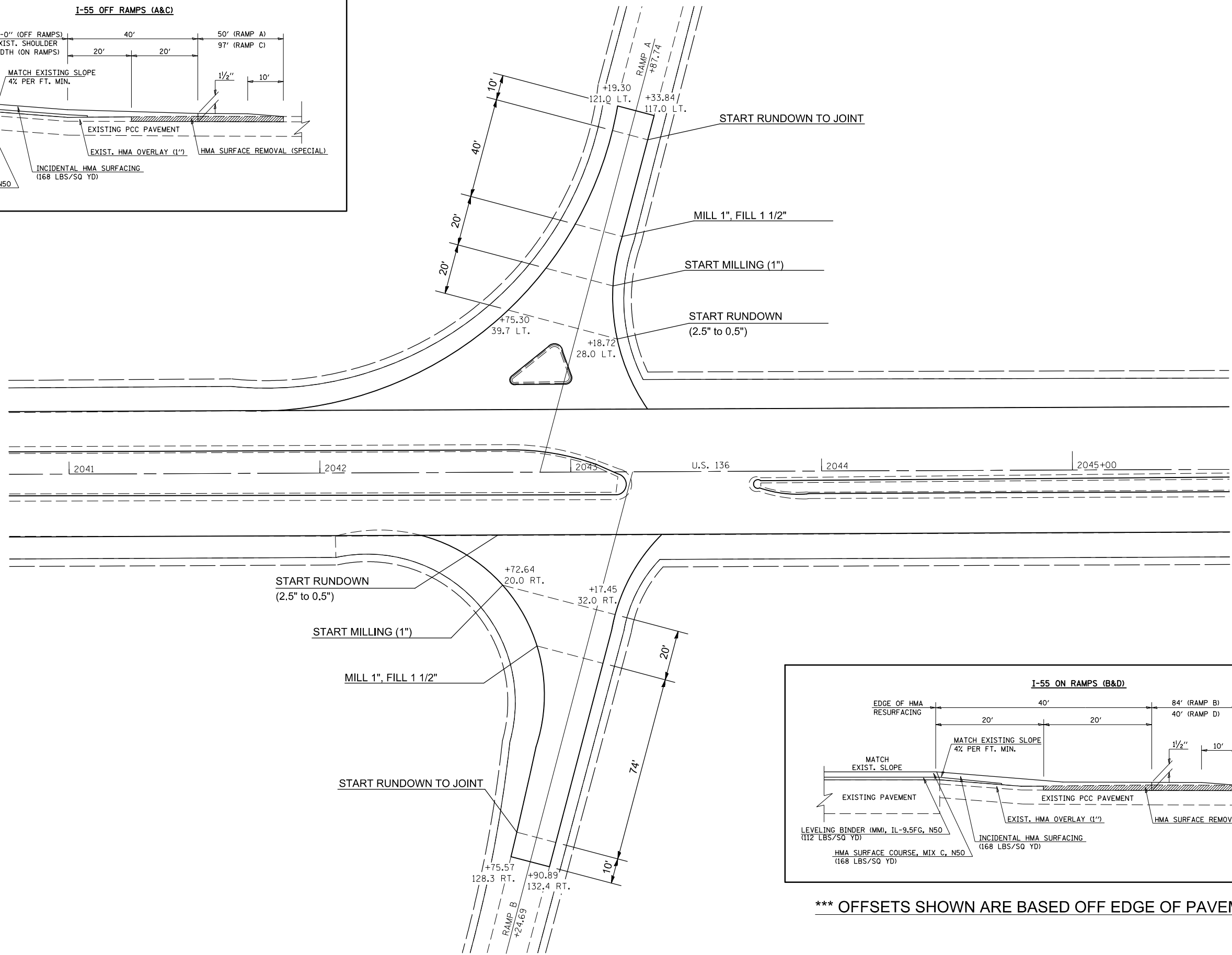
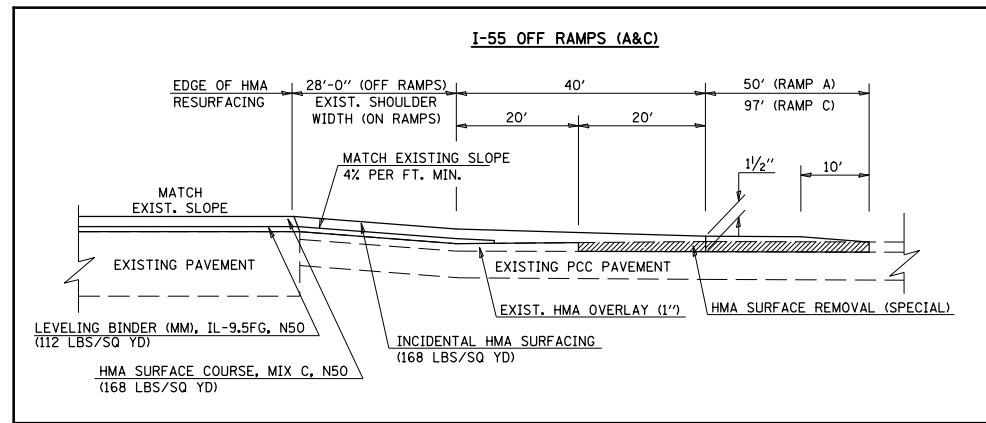
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	PLOT DATE = 10/9/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BARE PCC TRANSITION LAYOUT

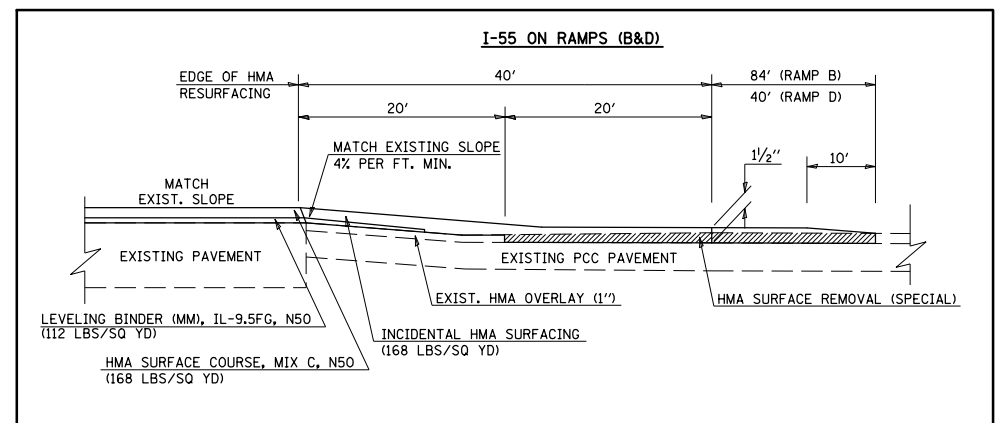
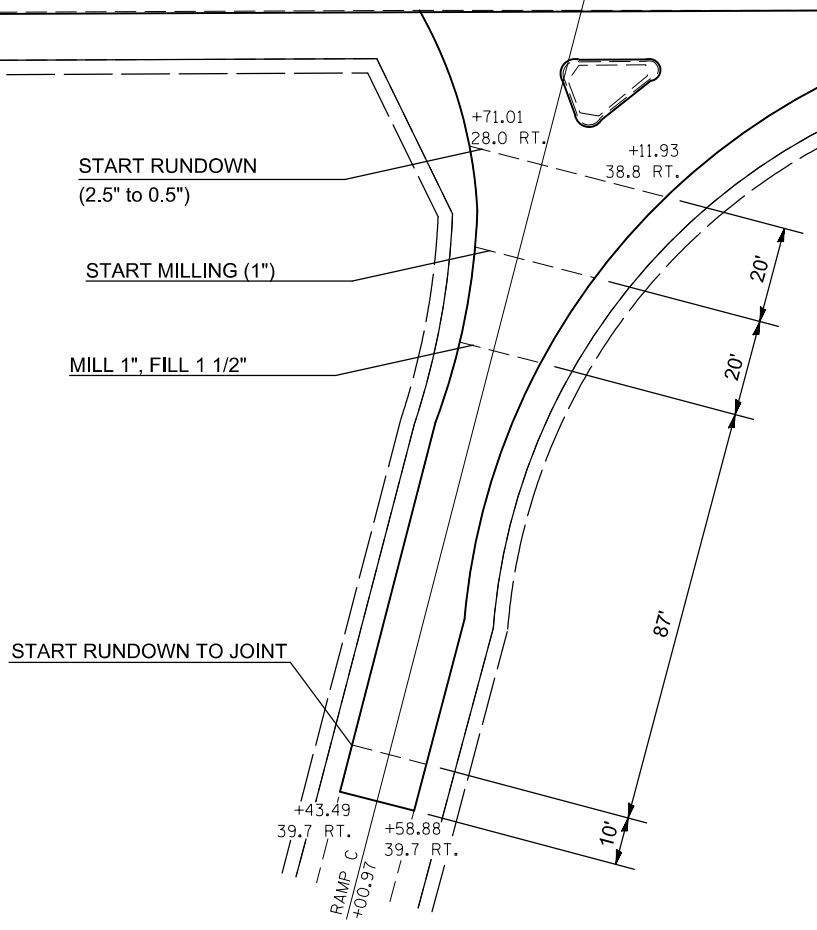
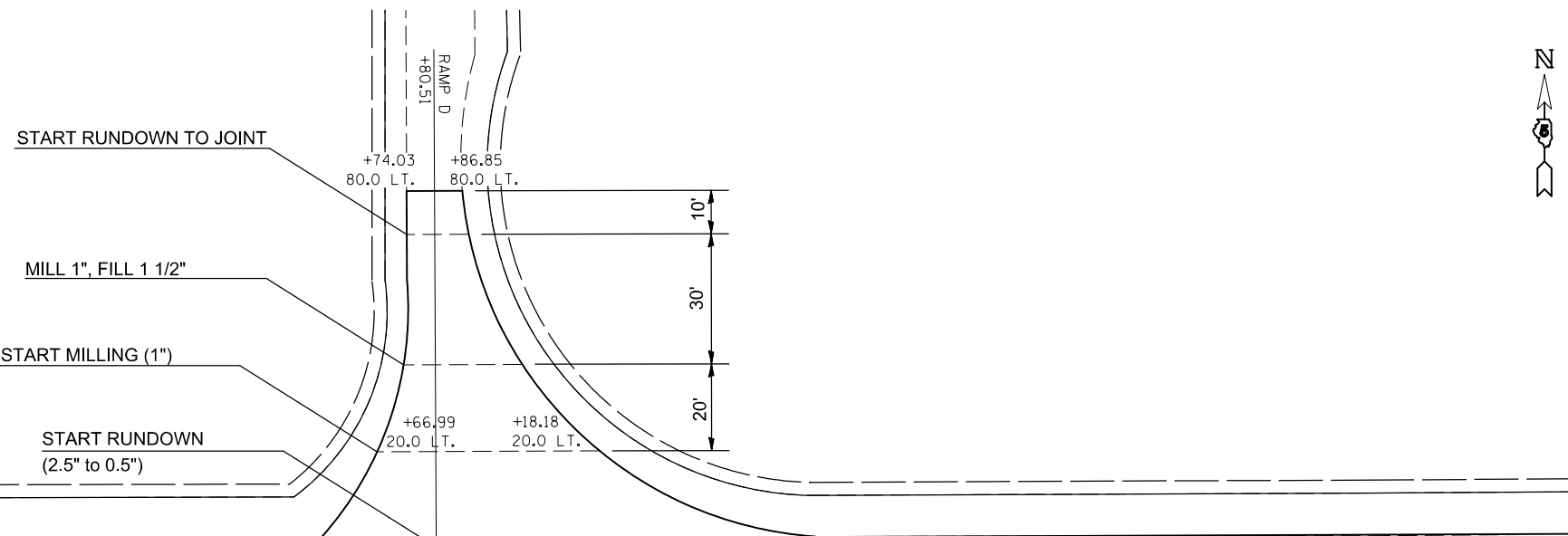
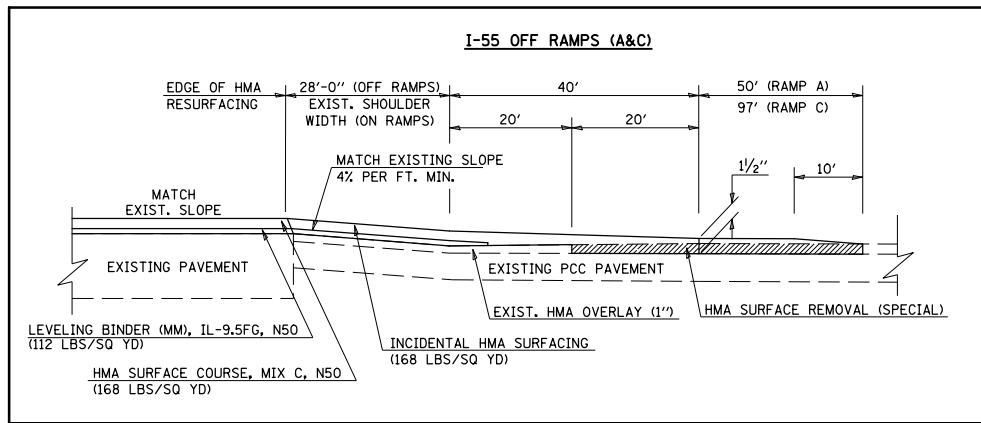
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	47
CONTRACT NO. 10783				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



*** OFFSETS SHOWN ARE BASED OFF EDGE OF PAVEMENT.

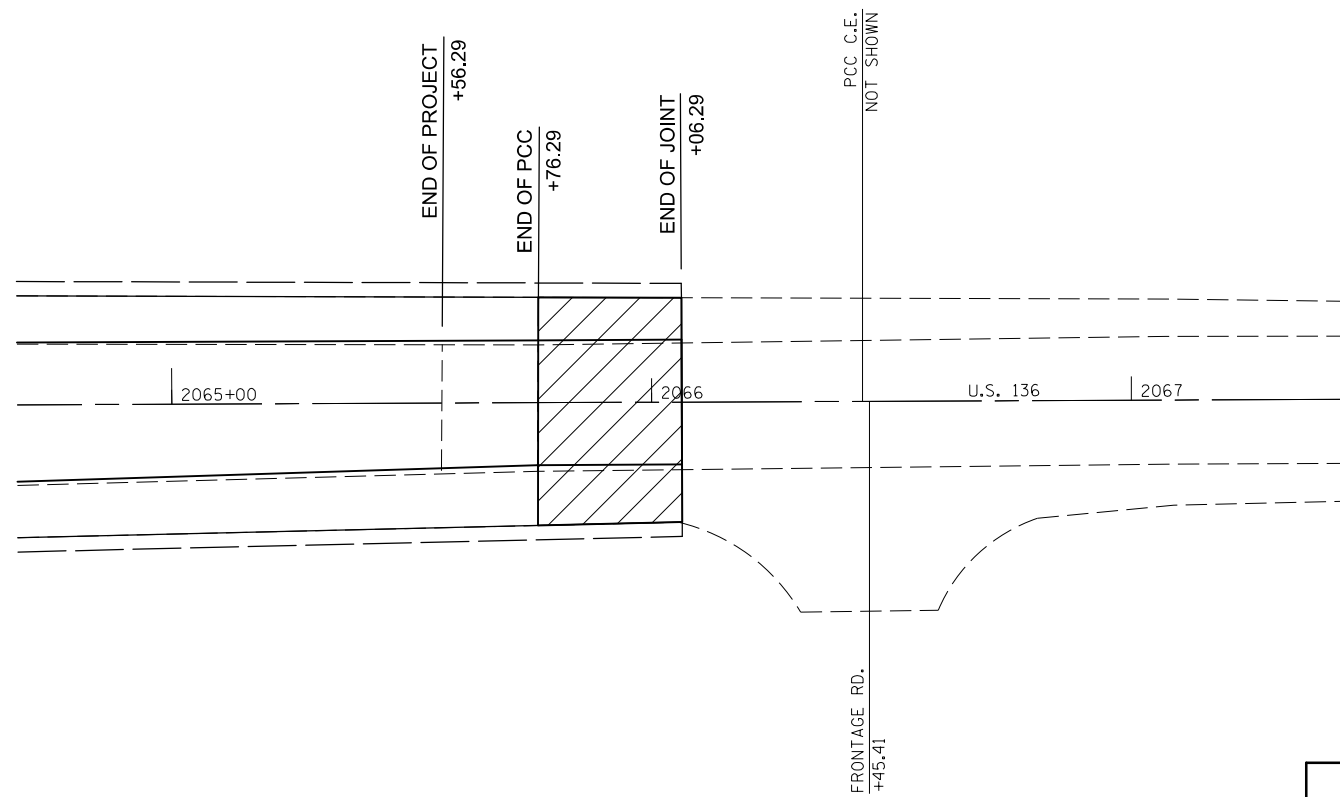
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		CHECKED -	REVISED -					CONTRACT NO. 10783				
		DATE -	REVISED -					FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



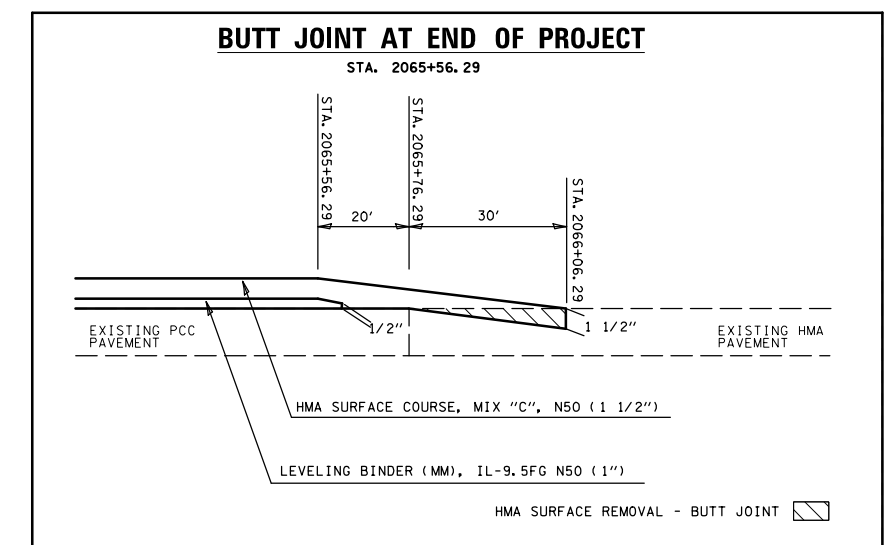
*** OFFSETS SHOWN ARE BASED OFF EDGE OF PAVEMENT.



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		CHECKED -	REVISED -			CONTRACT NO. 10783					
		DATE -	REVISED -			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					
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 HMA BUTT JOINT



FILE NAME =	USER NAME = oglebj	DESIGNED -	REVISD -
et:\pwork\pwork\oglebj\0244982\0570783-shit-rundowns.dgn		DRAWN -	REVISD -
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	PLOT DATE = 10/9/2012	DATE -	REVISD -

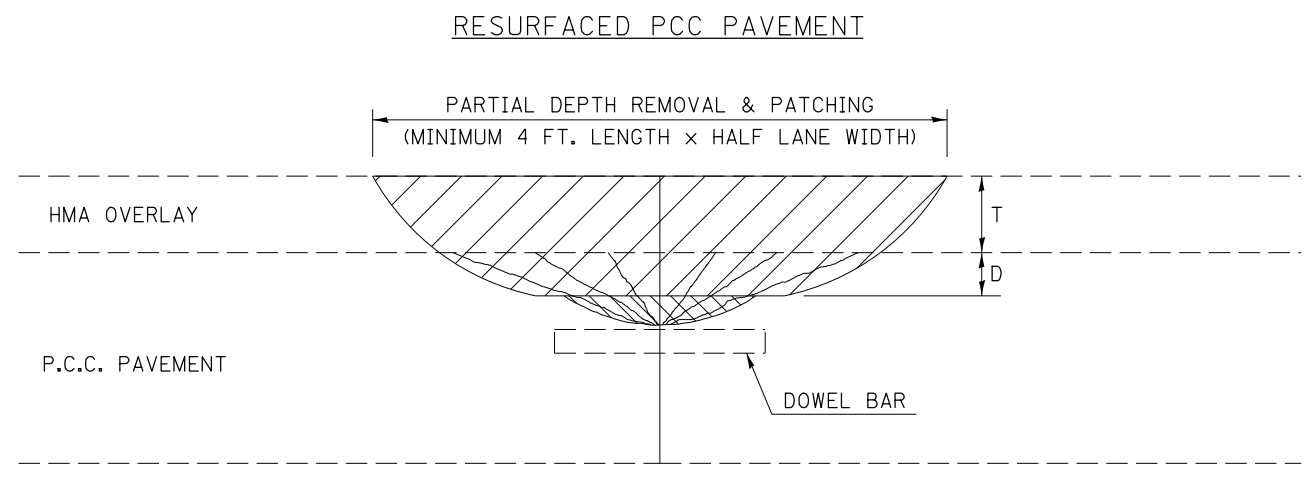
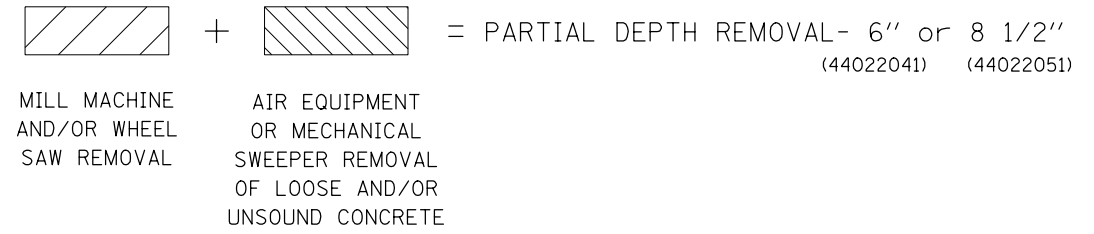
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

END OF PROJECT LAYOUT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	50
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				

CONTRACT NO. 10783



GENERAL NOTES

ALL VOLUME OF PARTIAL DEPTH REMOVAL SHALL BE REPLACED WITH HOT-MIX ASPHALT (HMA) AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR PARTIAL DEPTH PATCHING.

T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

GENERAL NOTE 406H SHALL INCLUDE MIXTURE REQUIREMENTS FOR PARTIAL DEPTH PATCHING.

HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT. (3" (75 mm) ± OR TO SOUND CONCRETE)

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.

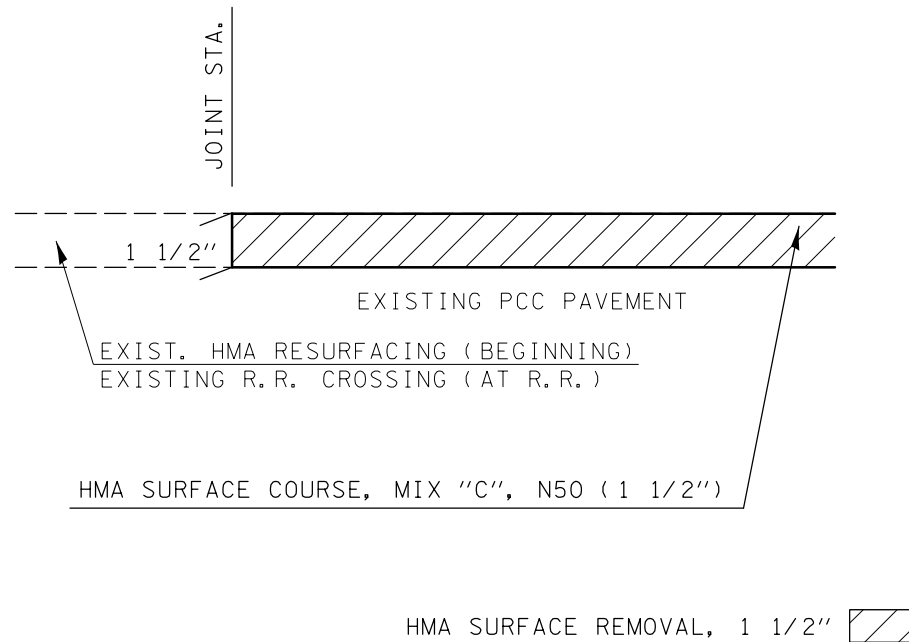
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = oglebj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\oglebj\d0244982\0570783-shd-details.dgn	DRAWN -	REVISED -	315			119RS-4, 18RS & (57-10)RS	MCLEAN	225	51	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70783							
PLOT DATE = 10/9/2012	DATE -	REVISED -	SCALE:			SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

BUTT JOINT AT BEGINNING OF PROJECT

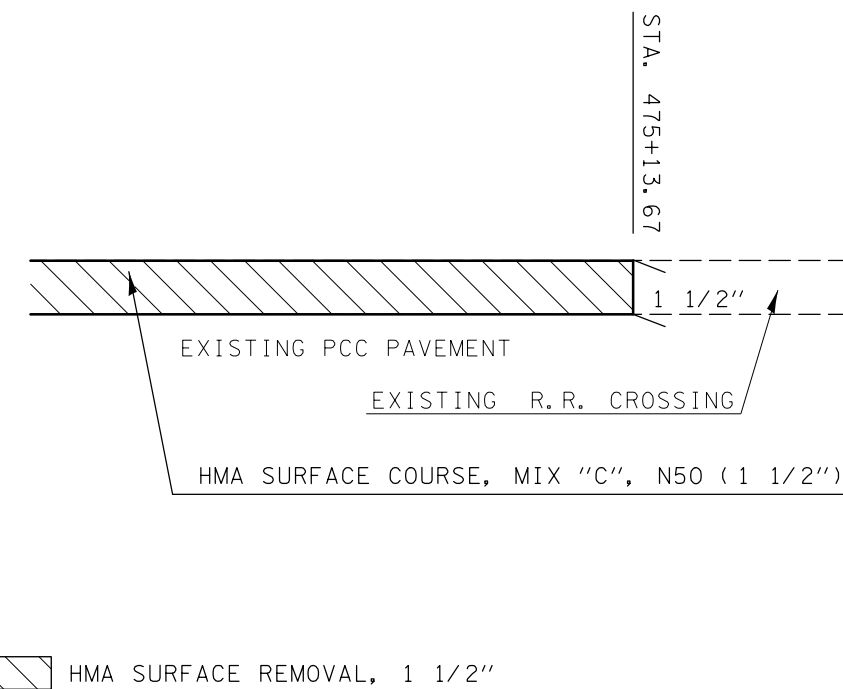
& E. OF RAILROAD

STA. 222+07.73 & STA. 475+45.40



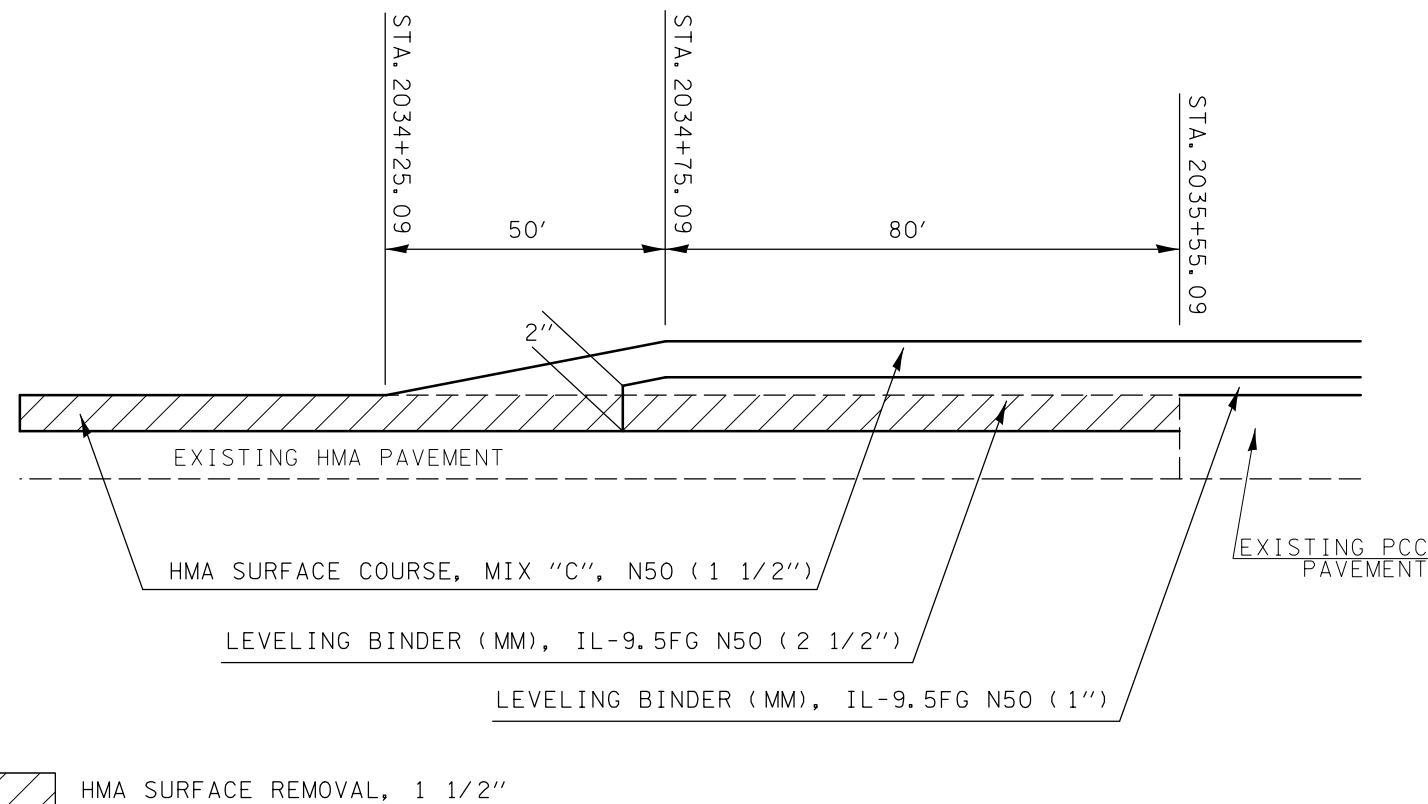
BUTT JOINT W. OF RAILROAD

STA. 475+13.67



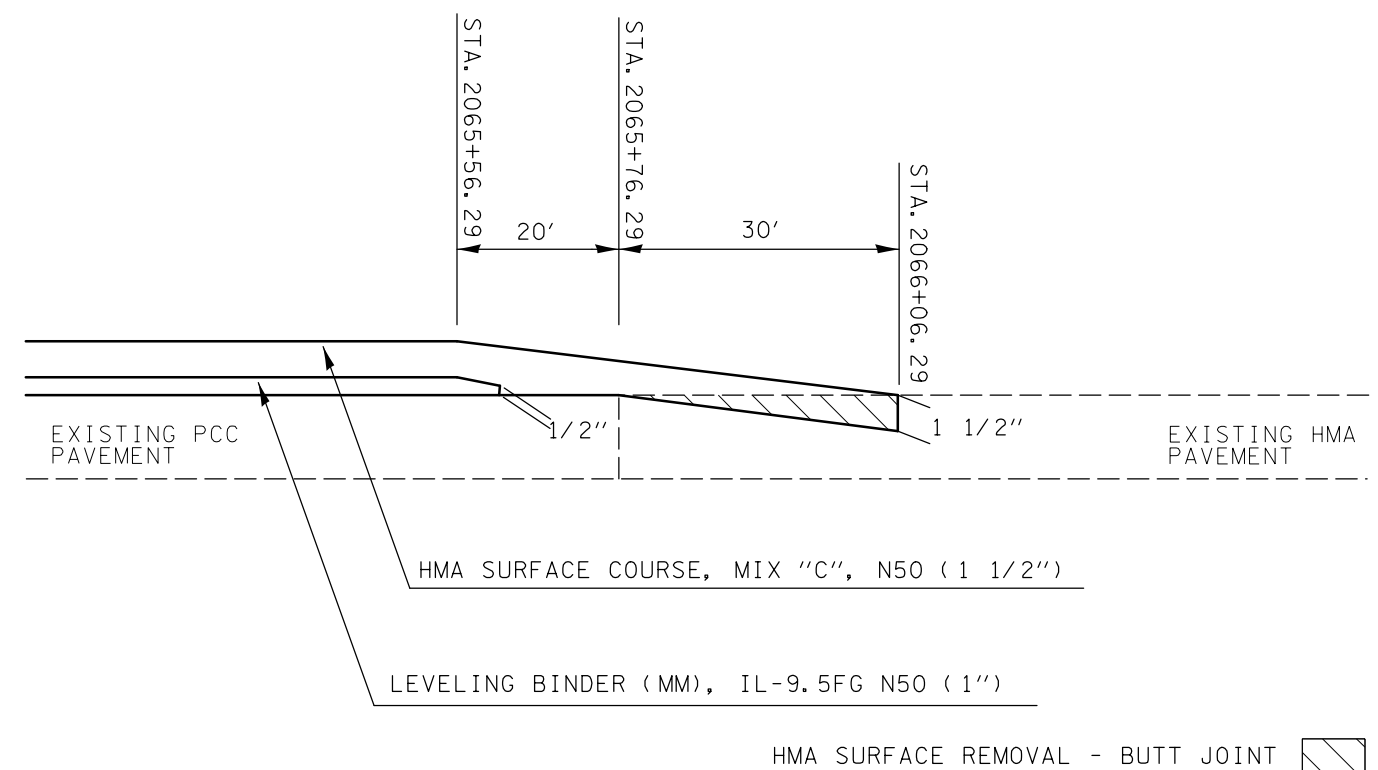
TRANSITION AT CONCRETE SECTIONS

STA. 2035+55.09



BUTT JOINT AT END OF PROJECT

STA. 2065+56.29



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

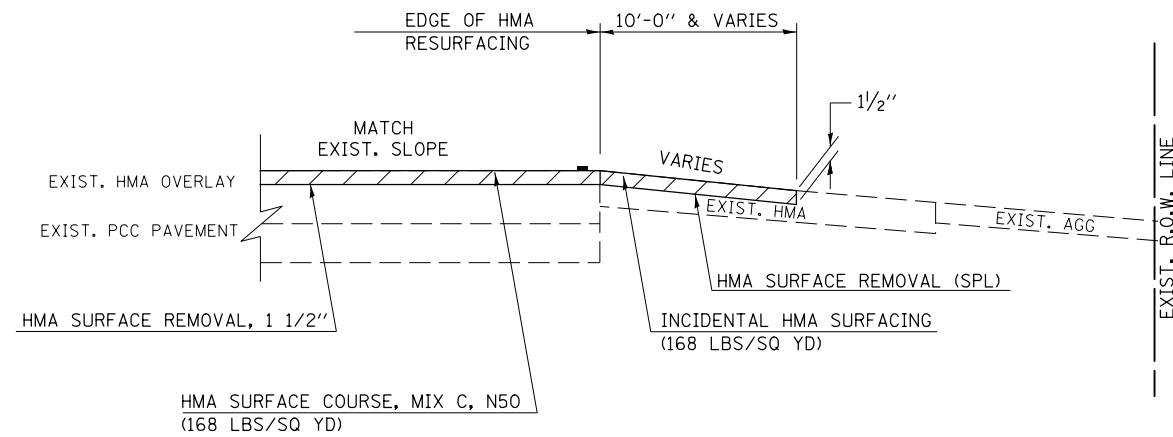
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT DETAILS

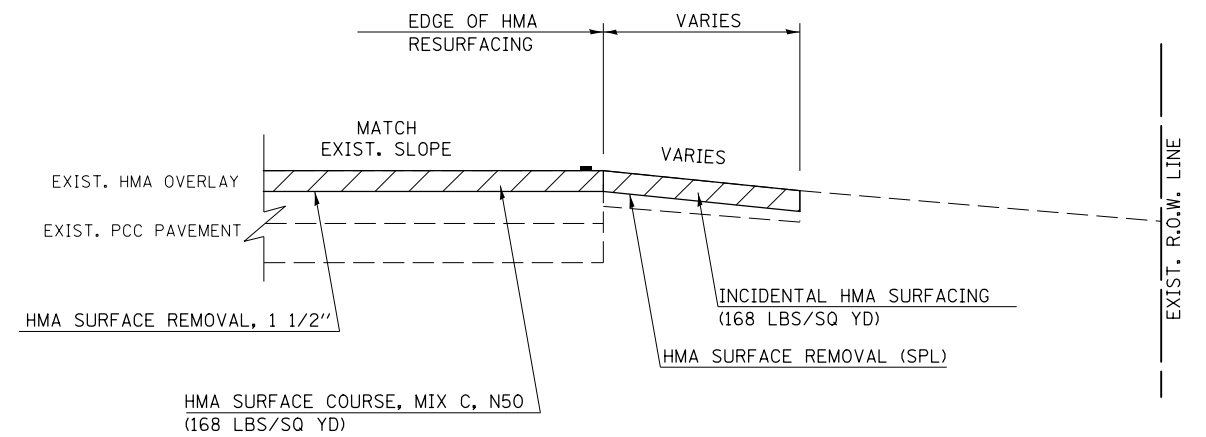
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	52
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

EXISTING HMA PRIVATE OR COMMERCIAL ENTRANCE



EXISTING HMA MAILBOX TURNOUT & FIELD ENTRANCE



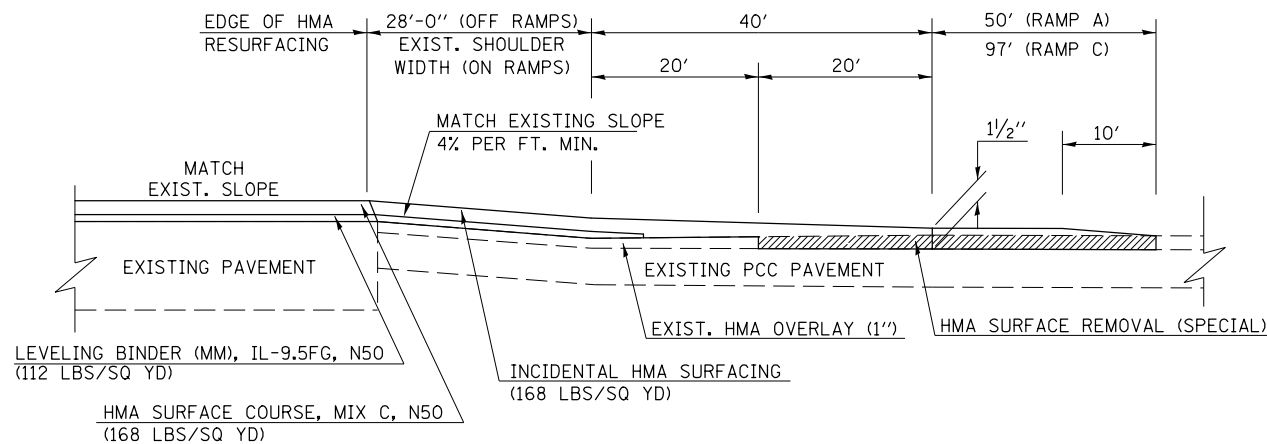
GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 AND 40-11 ALONG WITH DISTRICT CONSTRUCTION MEMORANDUM 03/14 DISCUSS THIS PROCEDURE.

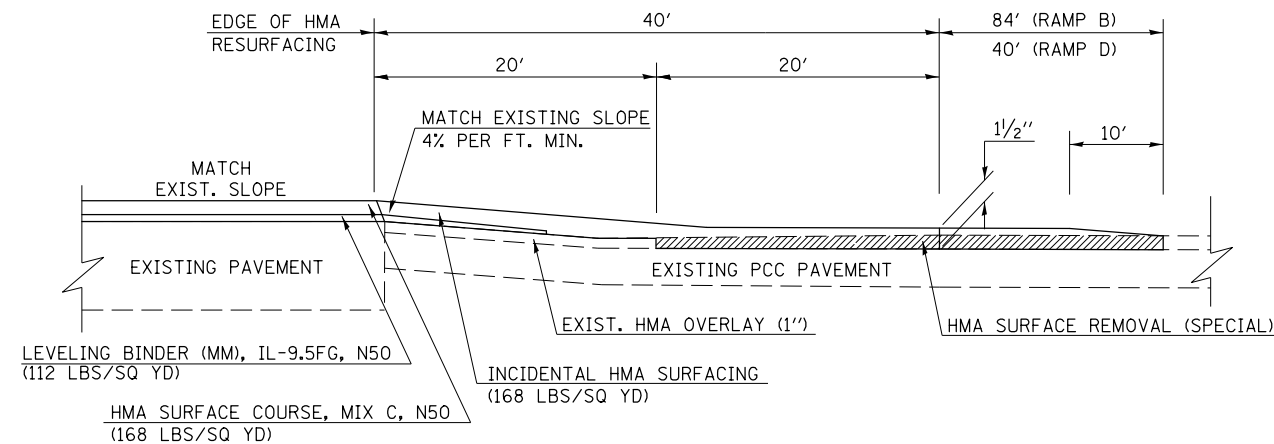
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)															
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with RECONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM								
	NONCOMMERCIAL			FIELD W/ FARM IMPLEMENTS			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL		
	PRIVATE & FIELD			FIELD W/ FARM IMPLEMENTS			COMMERCIAL			PRIVATE & FIELD			COMMERCIAL		
	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.	
SURFACE WIDTH (FT)	12, 16, 24			24, 30			14, 16, 24						14, 16, 24		
							24, 30, 35						24, 30, 35		
RADIUS (FT)	15	25	40	30		20	30	50	resurface existing configuration; existing hma or pcc entrances shall have "butt joints" constructed; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them						
SHOULDER WIDTH (FT)	2	2		2		1	3								
SHOULDER SLOPE (%)	2	4	6	4		2	4	6							
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10							
SIDE SLOPE (FT)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4							
SURFACE TYPE															
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" for "butt joints" and to minimize aggregate shoulder						
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02						
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8							

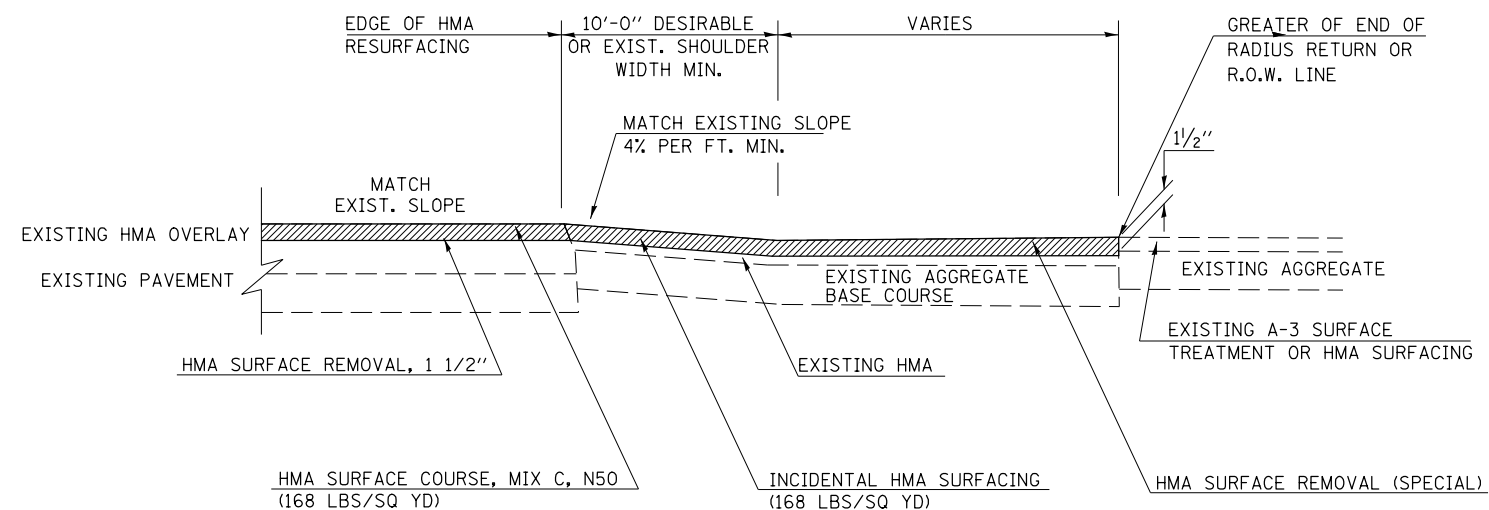
I-55 OFF RAMPS (A&C)



I-55 ON RAMPS (B&D)



SIDEROADS & SIDESTREETS

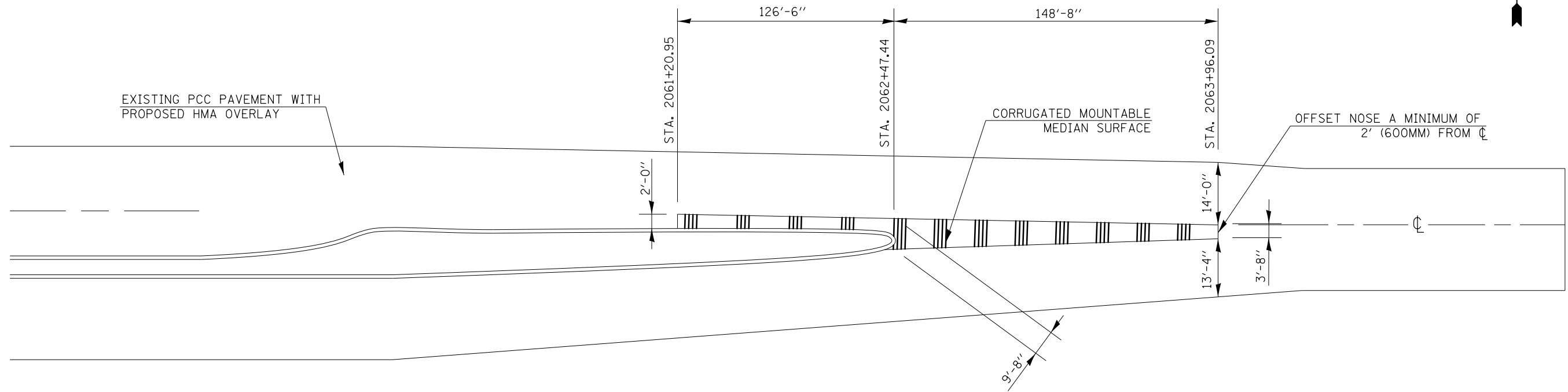


GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS
2. PROPOSED SIDEROAD GRADES SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. MAJOR SIDEROAD/SIDESTREETS (>400 ADT) SHALL HAVE "BUTT JOINTS" CONSTRUCTED WHETHER THE EXISTING ENTRANCE IS HMA OR PCC. MINOR SIDEROAD/SIDESTREETS (<400 ADT) SHALL HAVE "FEATHEREDGE RUNDOWNS".
4. AGGREGATE SHOULDERS, TYPE B WILL BE WRAPPED AROUND THE SIDEROAD RETURNS. TAPER WIDTH FROM 4' ALONG MAINLINE TO 2' AT BACK OF RETURN.

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

FILE NAME =	USER NAME = ogleb.j	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEROADS, SIDESTREETS, & RAMPS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\ogleb.j\0244982\0570783-shd-details.dgn		DRAWN -	REVISED -						315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	54
PLOT SCALE = 48.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 70783								
PLOT DATE = 10/9/2012		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



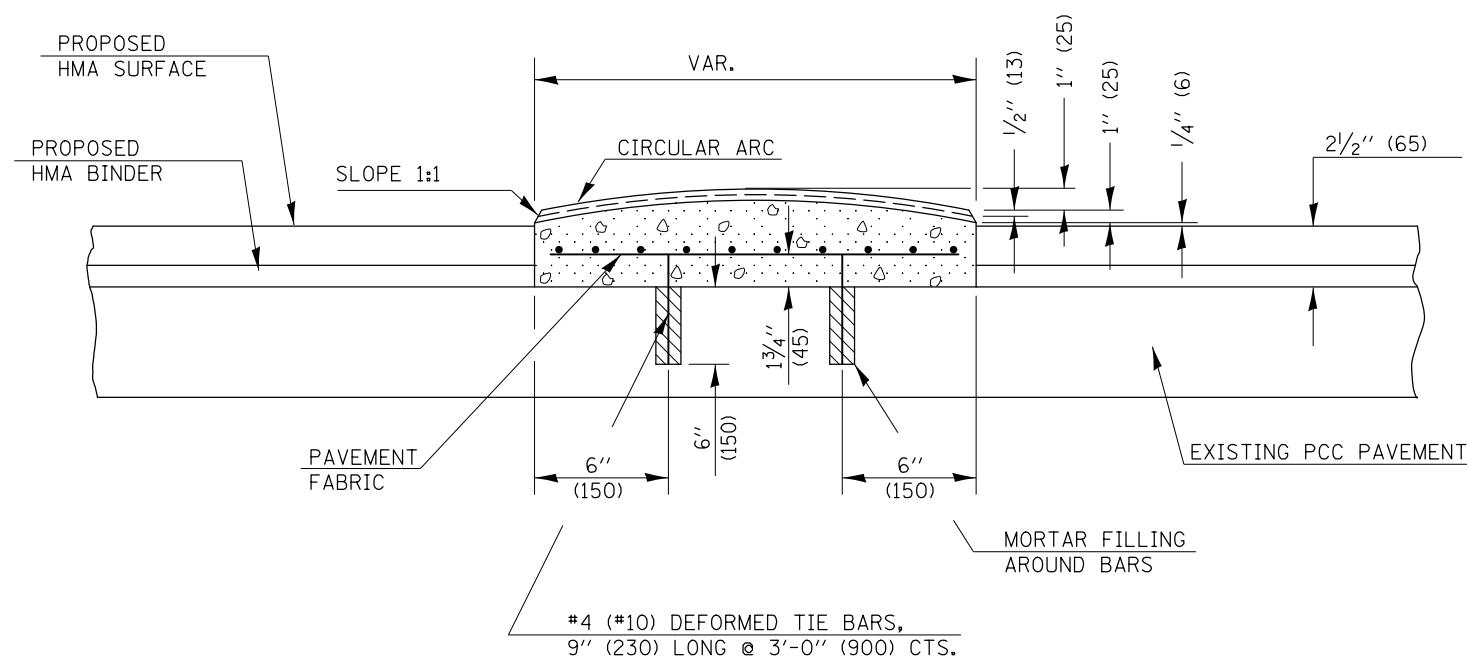
NOTES:

1. ALL MEASUREMENTS TO BE FIELD VERIFIED PRIOR TO MEDIAN REMOVAL.
2. DESIRED WORK IS TO REPLACE CORRUGATED MEDIAN IN ITS EXISTING CONFIGURATION.
3. EXISTING CORRUGATED MEDIAN TO BE MILLED FLUSH WITH EXISTING PCC PAVEMENT.

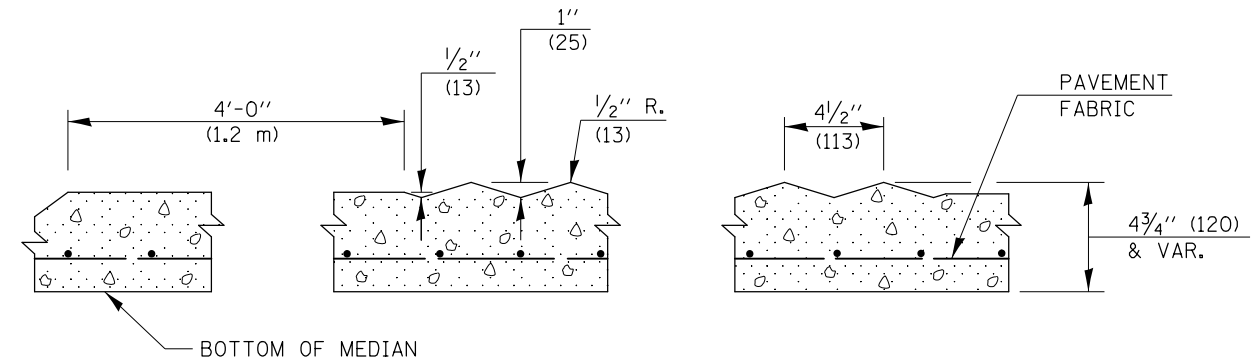
ADDITIONAL CORRUGATED MEDIAN DOWEL
DETAILS ON NEXT PAGE

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

FILE NAME =	USER NAME = oglebj	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CORRUGATED MEDIAN (DOWELLED)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\oglebj\0244982\0570783-shd-details.dgn	DRAWN -	REVISED - 7/09 - KJT	315					119RS-4, 18RS & (57-10)RS	MCLEAN	225	55	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70783									
PLOT DATE = 10/9/2012	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



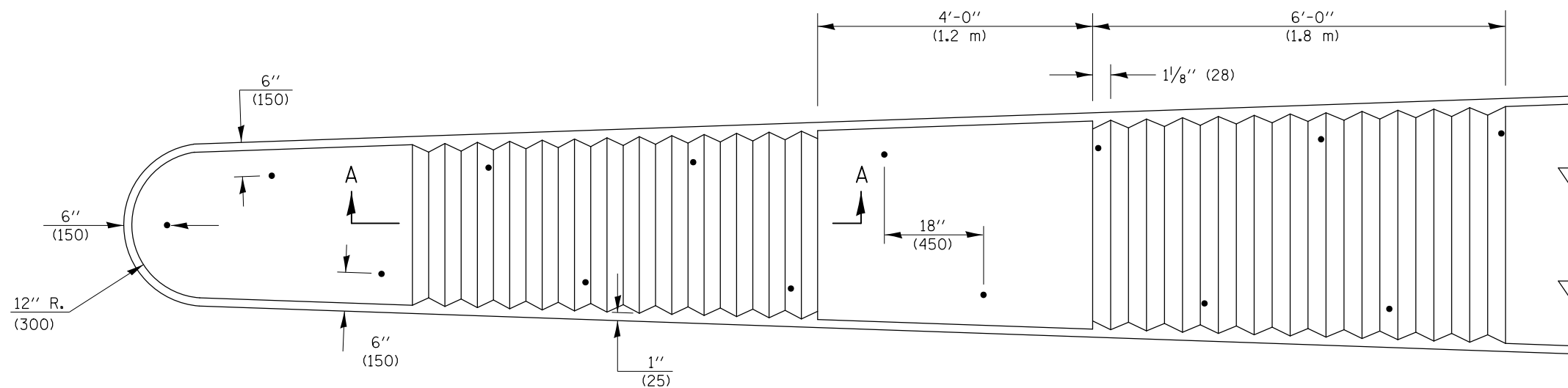
TRANSVERSE SECTION



SECTION A-A

GENERAL NOTES

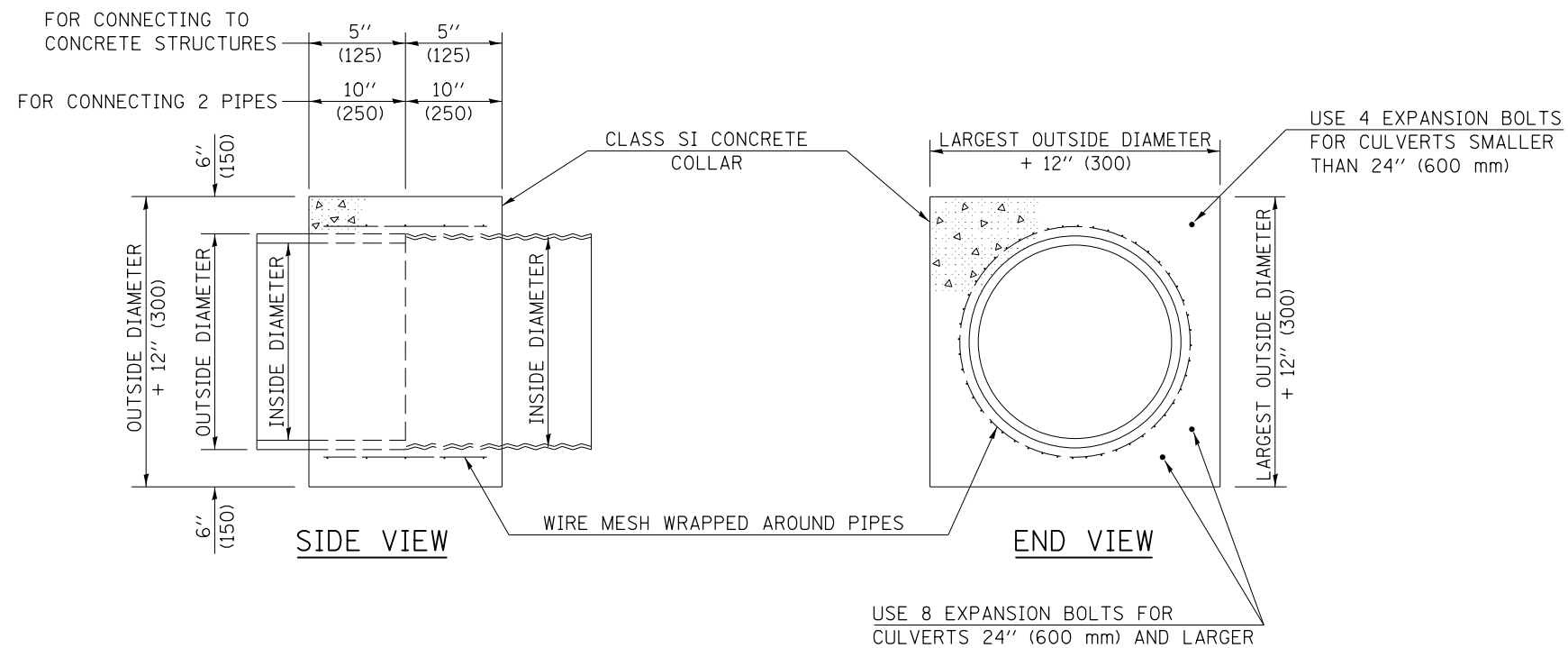
1. DOWELS AT 3'-0" (900) INTERVALS OR AS DIRECTED BY THE ENGINEER.
2. THE COST OF FURNISHING AND INSTALLING DOWEL BARS AND MORTAR FILLING SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQ. FT. (m²) FOR CORRUGATED MEDIAN (DOWELLED).



PLAN

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

FILE NAME =	USER NAME = oglebj	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CORRUGATED MEDIAN (DOWELLED)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\oglebj\d0244982\0570793-shd-details.dgn		DRAWN -	REVISED - 7/09 - KJT					315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	56
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 70783							
	PLOT DATE = 10/9/2012	DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



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)

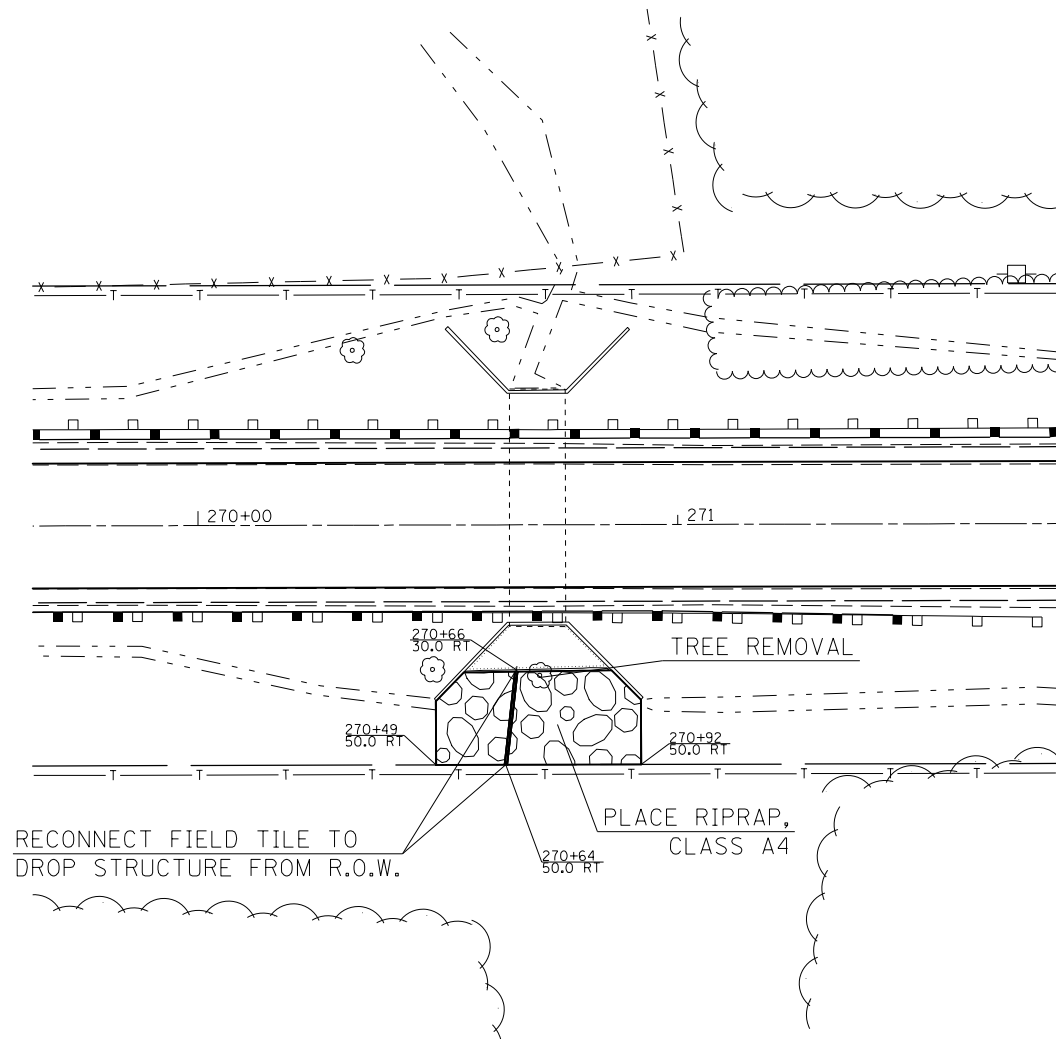
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 54248510

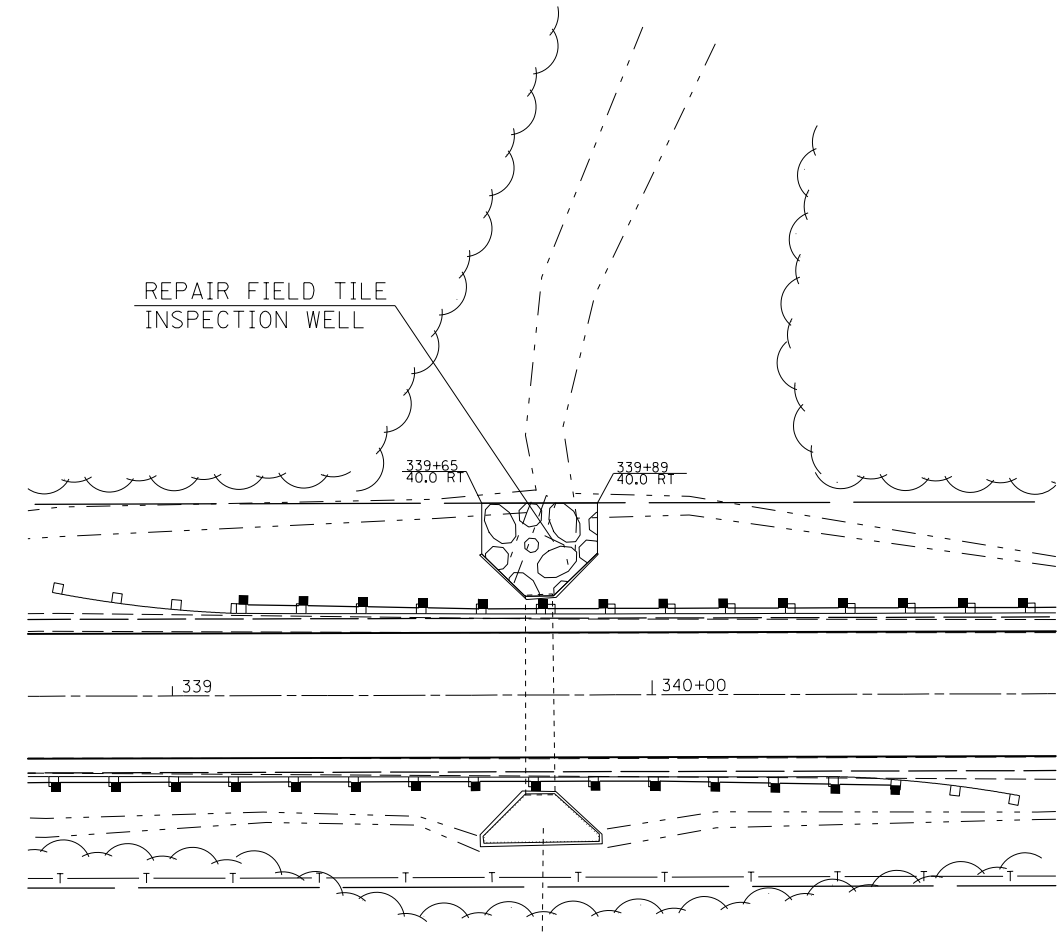
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ci:\pw\work\p\dot\ogleb.j\d0244982\0570783-shd-details.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	57
		CHECKED -	REVISED -						CONTRACT NO. 70783					
		DATE -	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



TILE REPAIR AT STRUCTURE 057-8009
STA. 270+82



TILE REPAIR AT STRUCTURE 057-8015
STA. 339+63

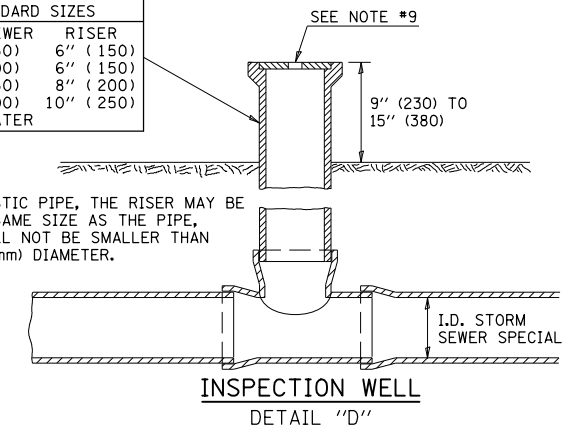


NOTES:

- THE INSPECTION WELL LID FOR P.C.C. PIPE SHALL BE CONSTRUCTED OF 3/8" (10 mm) CAST IRON AND PROVIDED WITH A 1" (25 mm) DIAMETER HOLE IN CENTER. THE LID FOR THE OTHER PIPE MATERIALS SHALL BE A GRATE ASSEMBLY PREFABRICATED FOR AND COMPATIBLE WITH THE PIPE SYSTEM.
- FOR ADDITIONAL INFORMATION SEE DISTRICT DETAIL NO. 61101011A ON SHEET #59

CONCRETE PIPE STANDARD SIZES	
STORM SEWER	RISER
6" (150)	6" (150)
8" (200)	6" (150)
10" (250)	8" (200)
12" (300)	10" (250)
OR GREATER	

FOR PLASTIC PIPE, THE RISER MAY BE OF THE SAME SIZE AS THE PIPE, BUT SHALL NOT BE SMALLER THAN 4" (100 mm) DIAMETER.



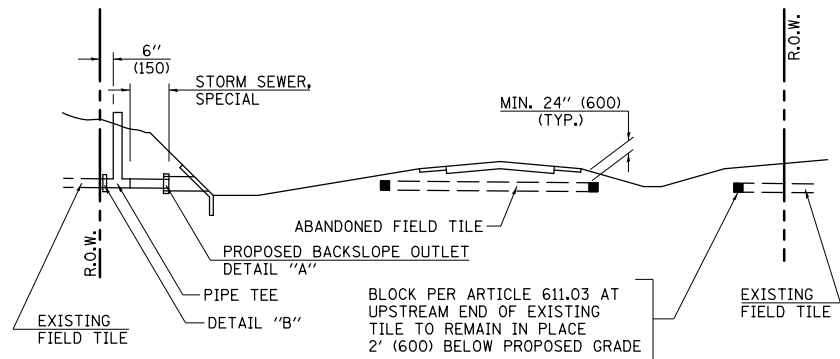
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/10/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIELD TILE REPAIR DETAILS

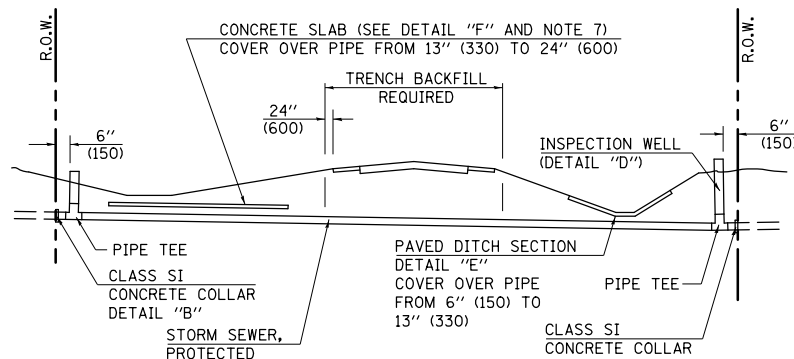
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	222	58
CONTRACT NO. 10783				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



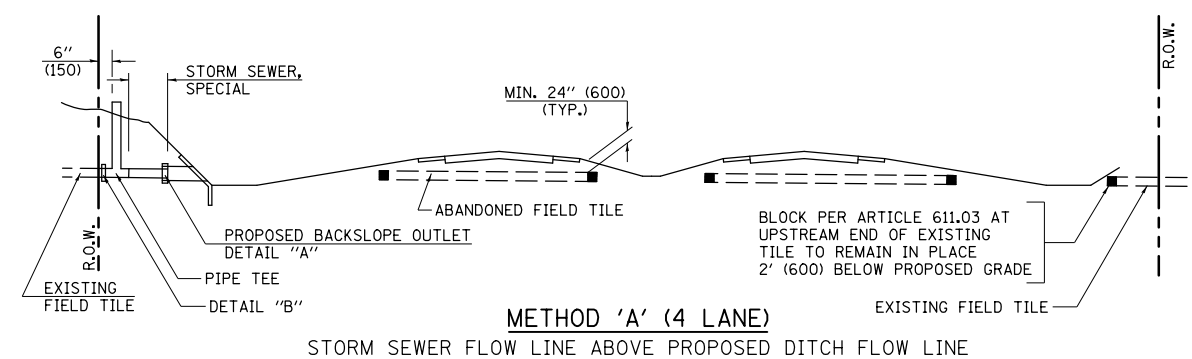
METHOD 'A' (2 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



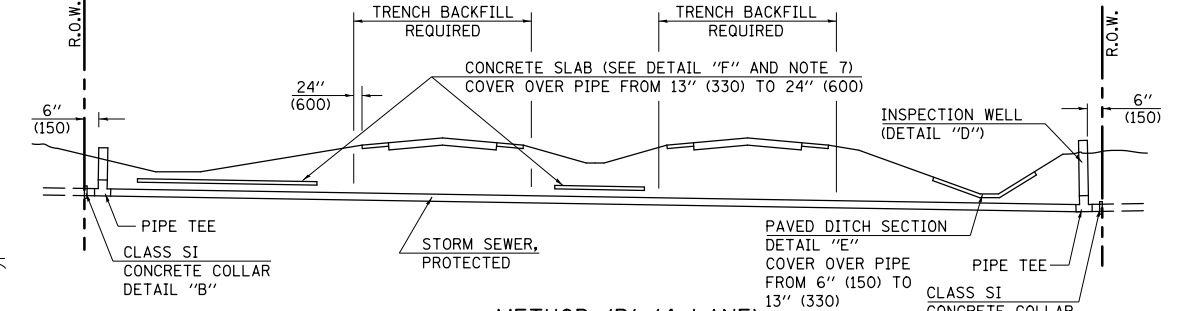
METHOD 'B' (2 LANE)

STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENT AND PAVED DITCH



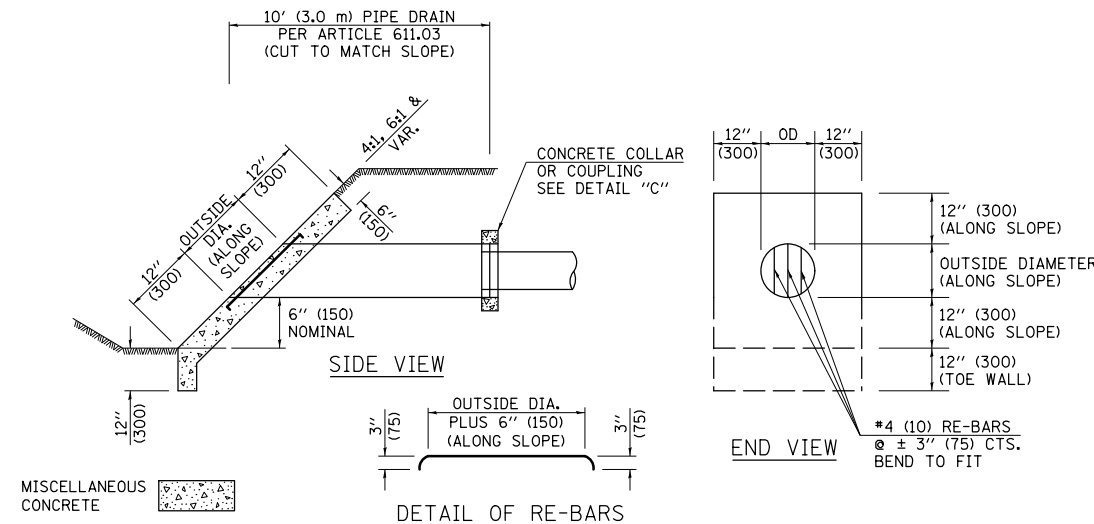
METHOD 'A' (4 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE

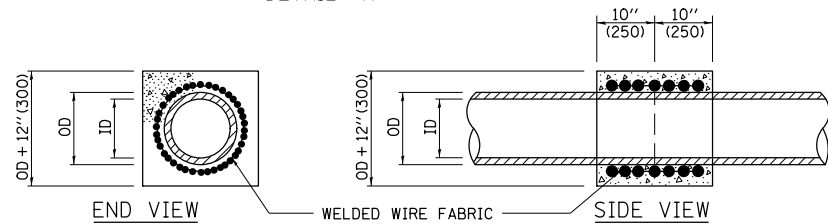


METHOD 'B' (4 LANE)

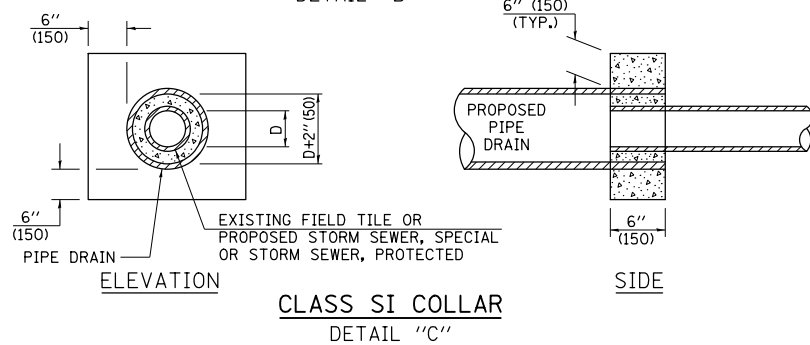
STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENTS AND PAVED DITCHES



**HEADWALL FOR BACKSLOPE OUTLET
DETAIL "A"**



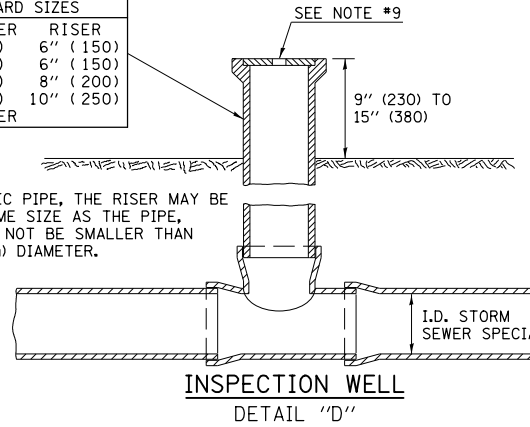
**CONCRETE COLLAR
DETAIL "B"**



**CLASS SI COLLAR
DETAIL "C"**

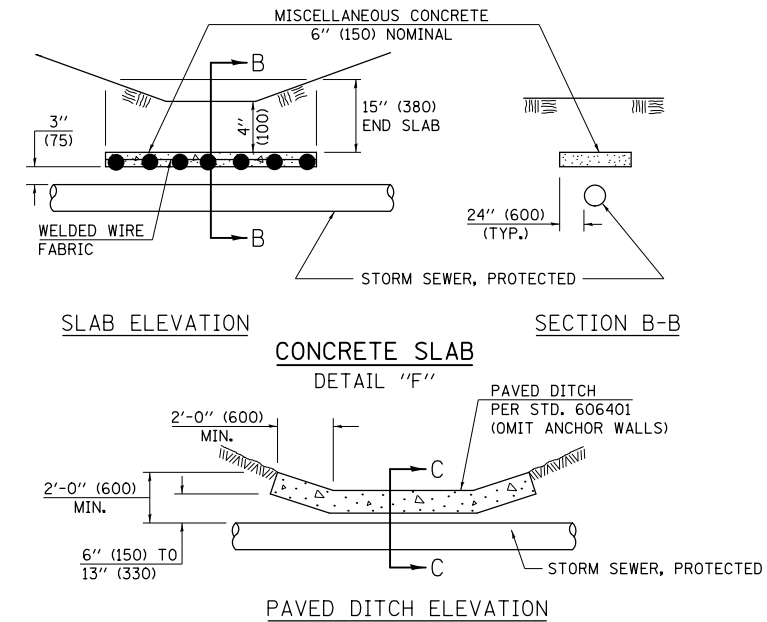
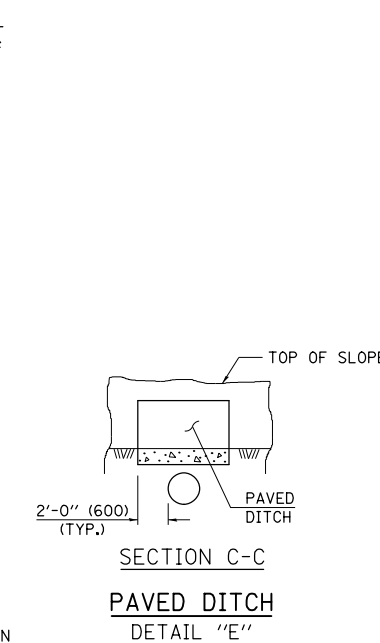
CONCRETE PIPE STANDARD SIZES	
STORM SEWER RISER	
6" (150)	6" (150)
8" (200)	6" (150)
10" (250)	8" (200)
12" (300)	8" (200)
OR GREATER	10" (250)

FOR PLASTIC PIPE, THE RISER MAY BE OF THE SAME SIZE AS THE PIPE, BUT SHALL NOT BE SMALLER THAN 4" (100 mm) DIAMETER.



GENERAL NOTES

- EXISTING FIELD TILE ENCOUNTERED BY EXPLORATION TRENCH SHALL BE INSPECTED BY THE ENGINEER FOR UNOBSTRUCTED FLOW WITHIN THE LIMITS OF THE RIGHT-OF-WAY.
- ONLY FIELD TILE THAT DOES NOT HAVE SATISFACTORY FLOW AND OR HAS VISIBLE SIGNS OF DETERIORATION (SINK HOLES, ETC.) SHALL BE REPLACED WITHIN THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH METHOD "B".
- INSPECTION WELLS SHALL BE CONSTRUCTED APPROXIMATELY 6" (150 mm) INSIDE OF BOTH RIGHT-OF-WAY LINES AT ALL FIELD TILE LOCATIONS.
- EXISTING FIELD TILE ABANDONED UNDER EXISTING PAVEMENTS OR PAVED SHOULDERS SHALL BE FILLED WITH FLOWABLE GROUT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
- NON-CIRCULAR FIELD TILE SHALL BE REPLACED WITH STORM SEWER, SPECIAL OF AT LEAST THE SAME CROSS SECTIONAL AREA. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED FOR THE MINIMUM DEPTH OF COVER.
- THE 6" (150 mm) CONCRETE SLAB OR DITCH LINING SHALL BE POURED THE LENGTH OF THE TRENCH AT ALL DITCH FLOW LINE LOCATIONS WITHIN THE RIGHT-OF-WAY WITH LESS THAN 2' (600 mm) OF EARTH COVER. MISCELLANEOUS CONCRETE SHALL BE USED ACCORDING TO SECTION 611.
- ALL MISCELLANEOUS SLABS, APRONS AND DITCH LININGS SHALL BE REINFORCED WITH WELDED WIRE FABRIC AS SHOWN FOR PAVED DITCH IN STANDARD 606401.
- HEADWALL FOR BACKSLOPE OUTLET MAY BE USED FOR PIPE DRAIN DIAMETERS UP TO 10" (250 mm). SPECIAL DESIGNS WILL BE REQUIRED FOR LARGER SIZES.
- THE INSPECTION WELL LID FOR P.C.C. PIPE SHALL BE CONSTRUCTED OF 3/8" (10 mm) CAST IRON AND PROVIDED WITH A 1" (25 mm) DIAMETER HOLE IN CENTER. THE LID FOR THE OTHER PIPE MATERIALS SHALL BE A GRATE ASSEMBLY PREFABRICATED FOR AND COMPATIBLE WITH THE PIPE SYSTEM.



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

DISTRICT 5 DETAIL NO. 61101011A

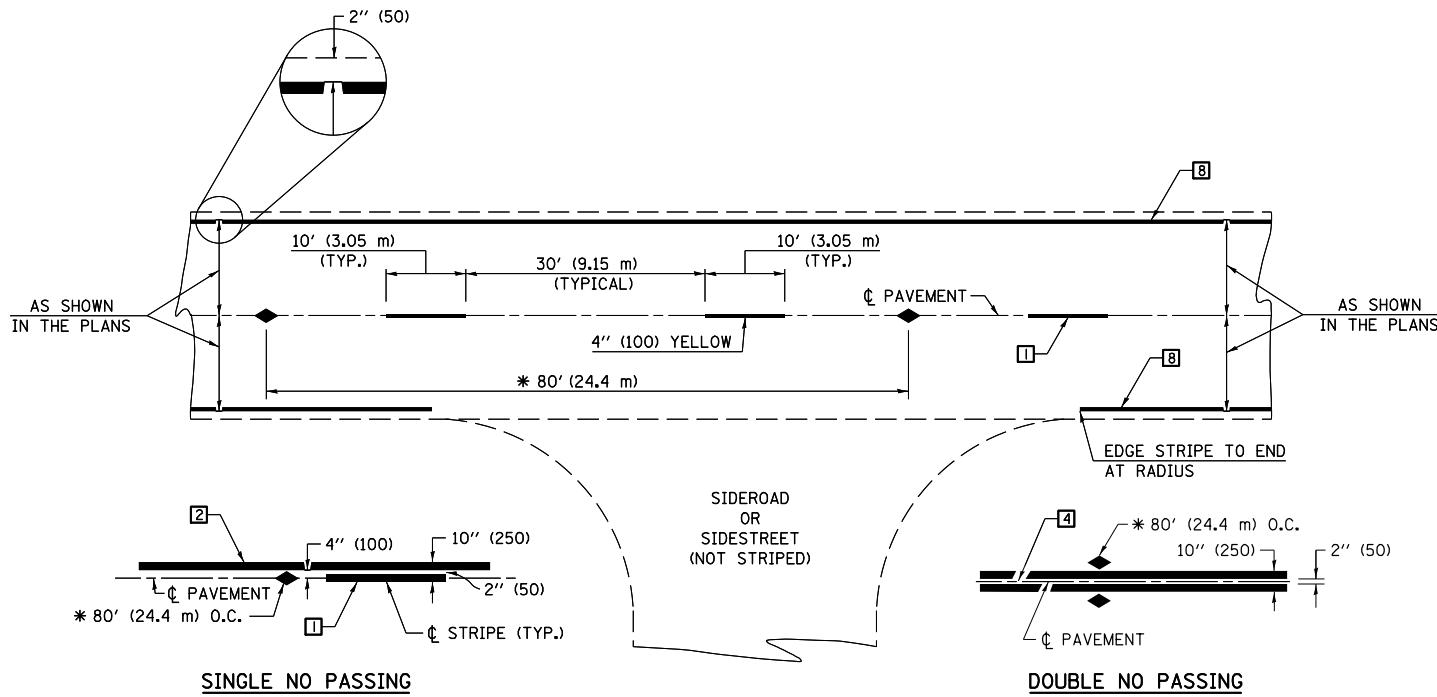
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIELD TILE SYSTEMS (TREATMENT OF EXISTING)

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	59
CONTRACT NO. 70783				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



* 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

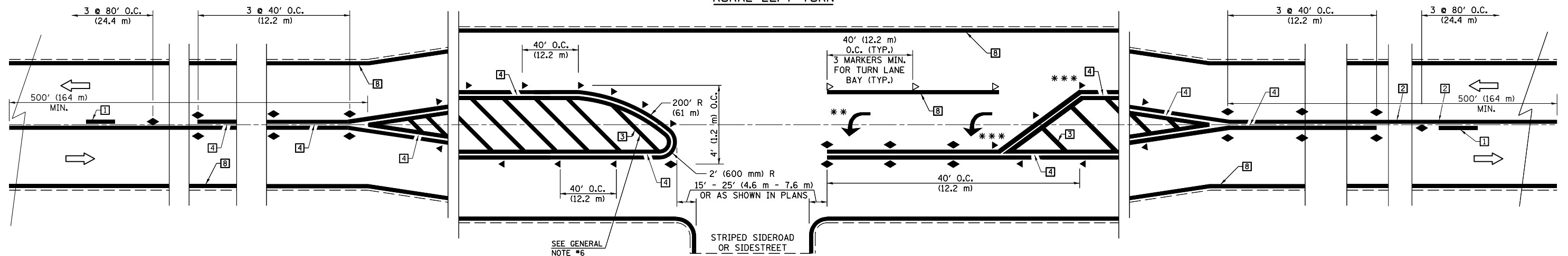
TYPICAL PAVEMENT MARKING LEGEND

- 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.

DISTRICT 5 DETAIL NO. 7800AAA

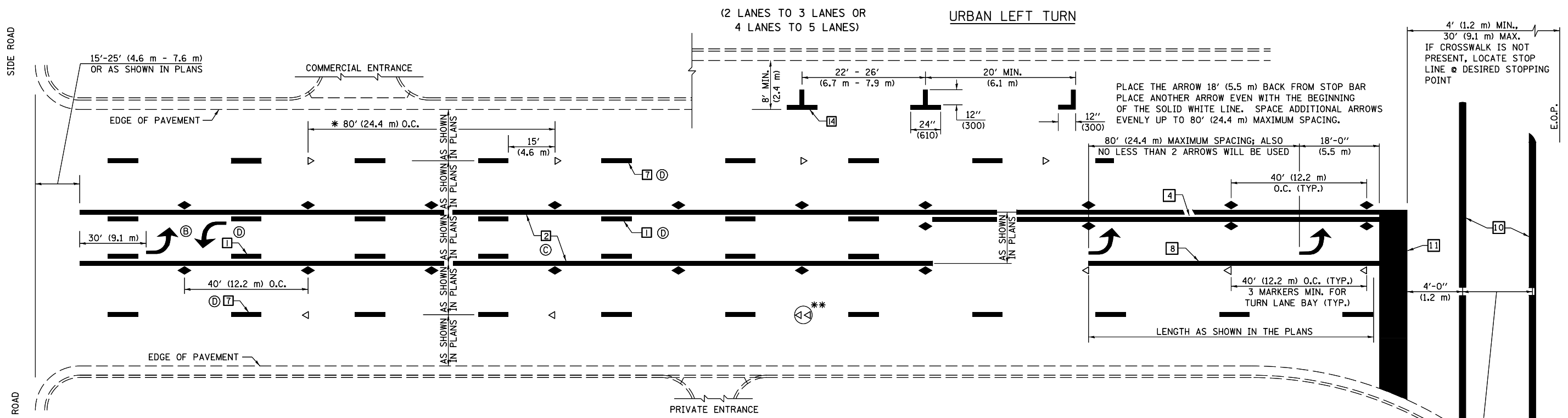
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/9/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	60
CONTRACT NO. 70783				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

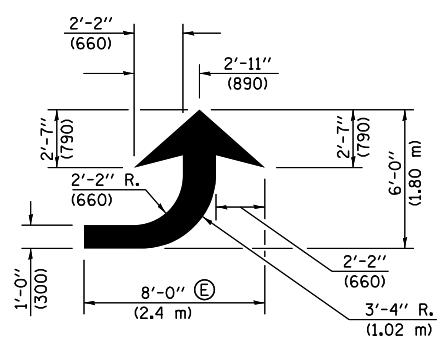


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

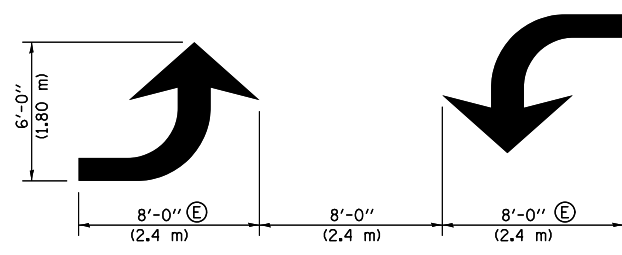
GENERAL NOTES:

- (B) 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.
- (C) 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.
- (D) 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.
- (E) USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



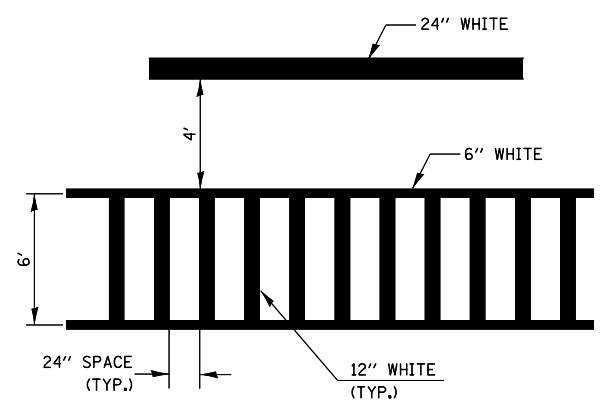
LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)

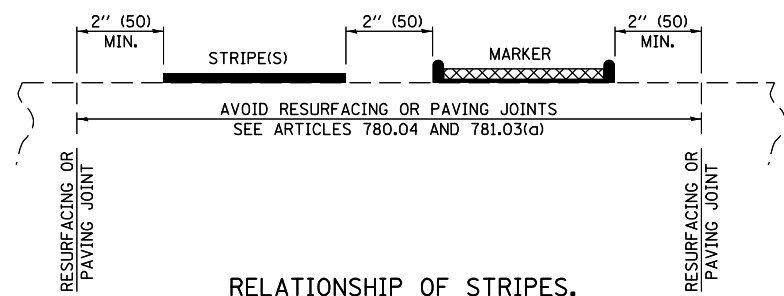


TYPICAL DOUBLE TURN ARROWS (WHITE)

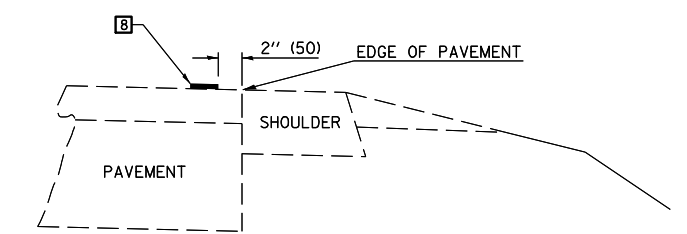
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



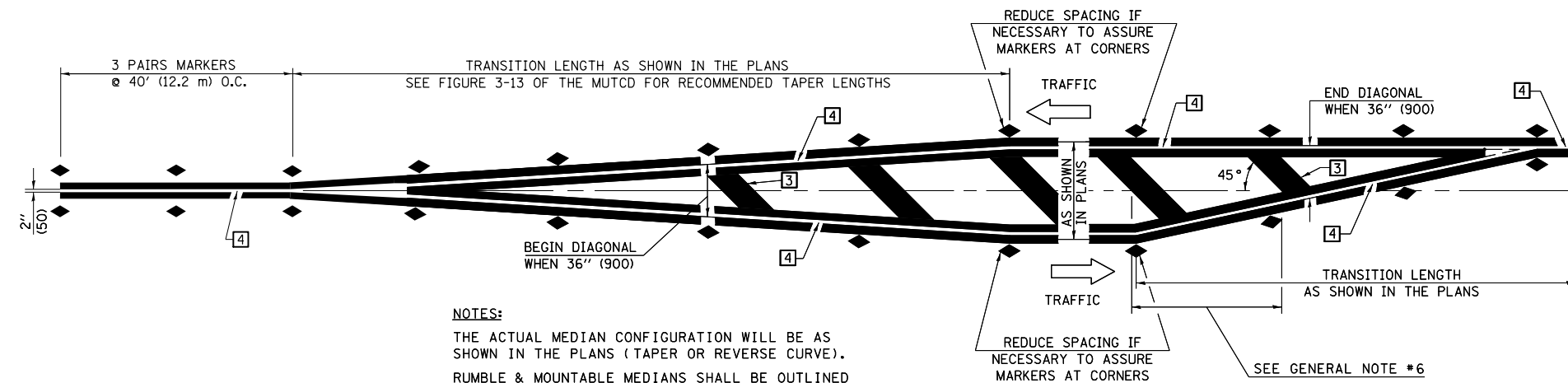
RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



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.

FILE NAME =	USER NAME = ogleb.j	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\d\ogleb.j\d0244982\0570783-shd-details.dgn	DRAWN -	REVISED - 09/2009 - KJT	315			119RS-4, 18RS & (57-10)RS	MCLEAN	225	61	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70783							
PLOT DATE = 10/9/2012	DATE -	REVISED -	FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT			

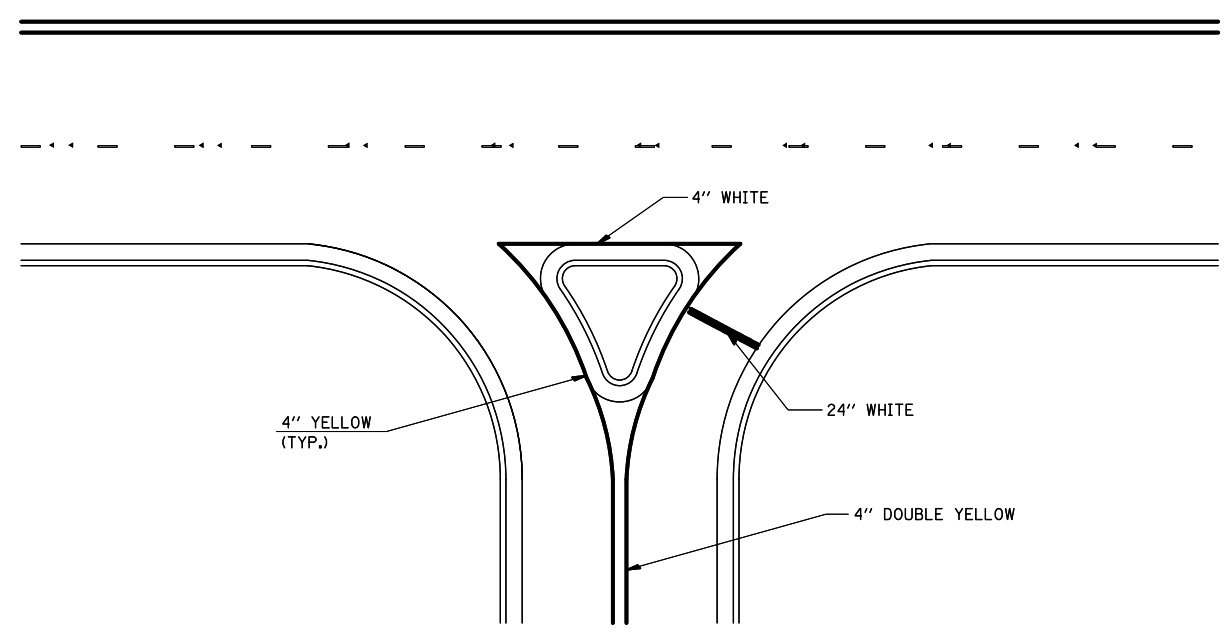


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

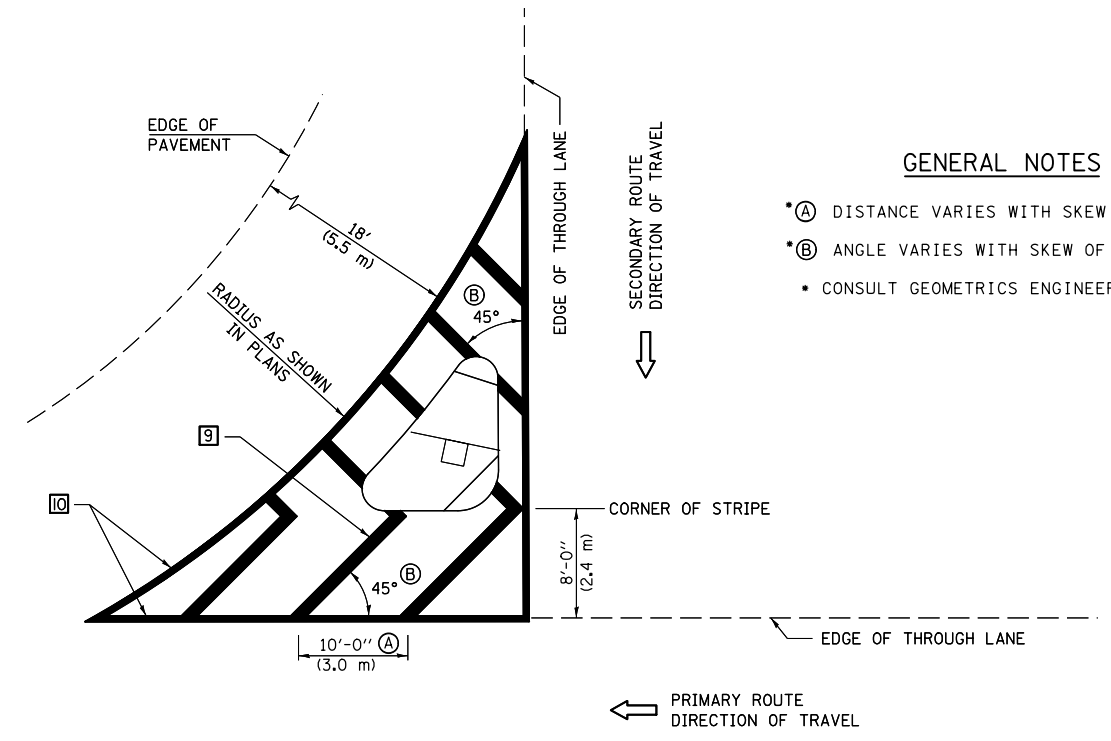
TYPICAL MEDIAN TRANSITIONS

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



GENERAL NOTES

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

ISLAND

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

FILE NAME =	USER NAME = oglebj	DESIGNED -	REVISED - 11/06
ei:\pwork\pwork\ogledj\0244982\0570783-sht-details.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/9/2012	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

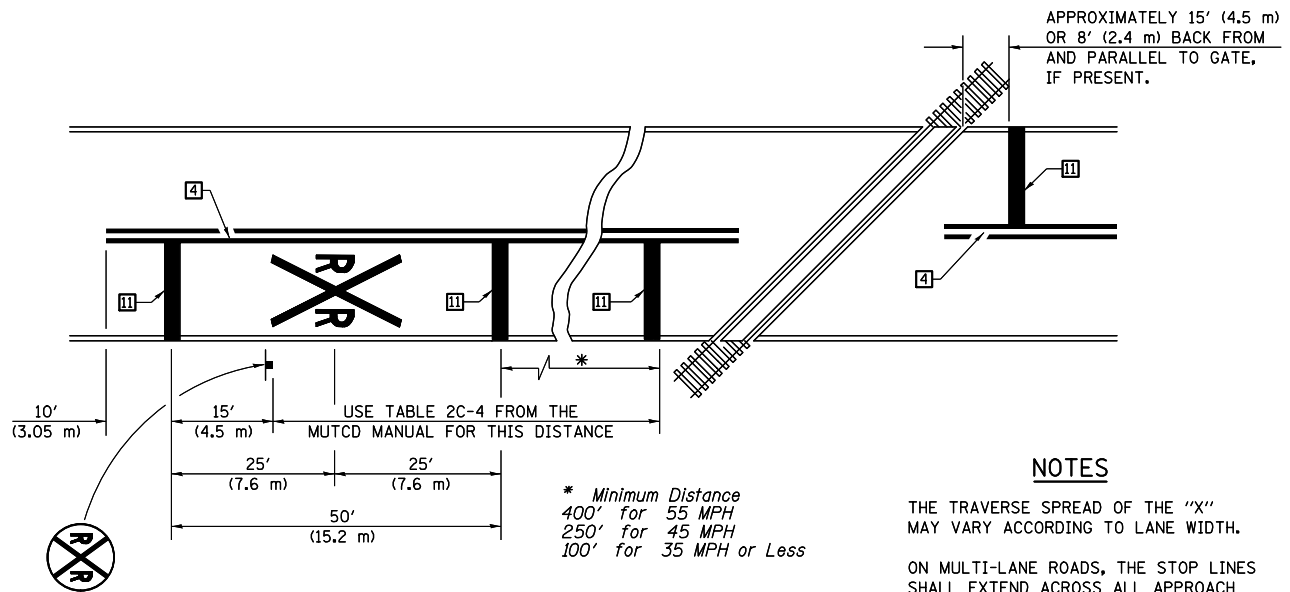
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	62
CONTRACT NO. 70783				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



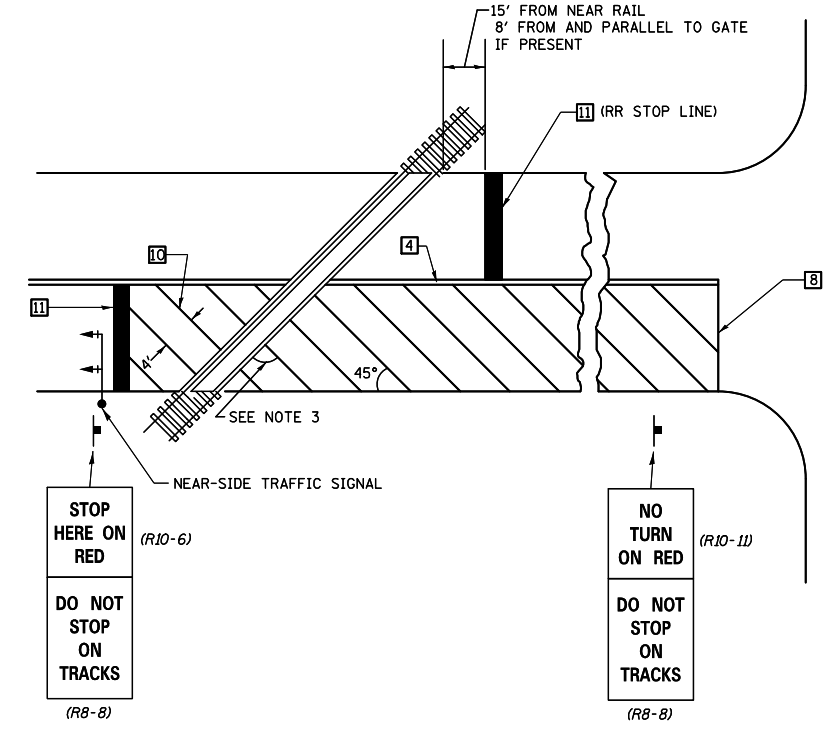
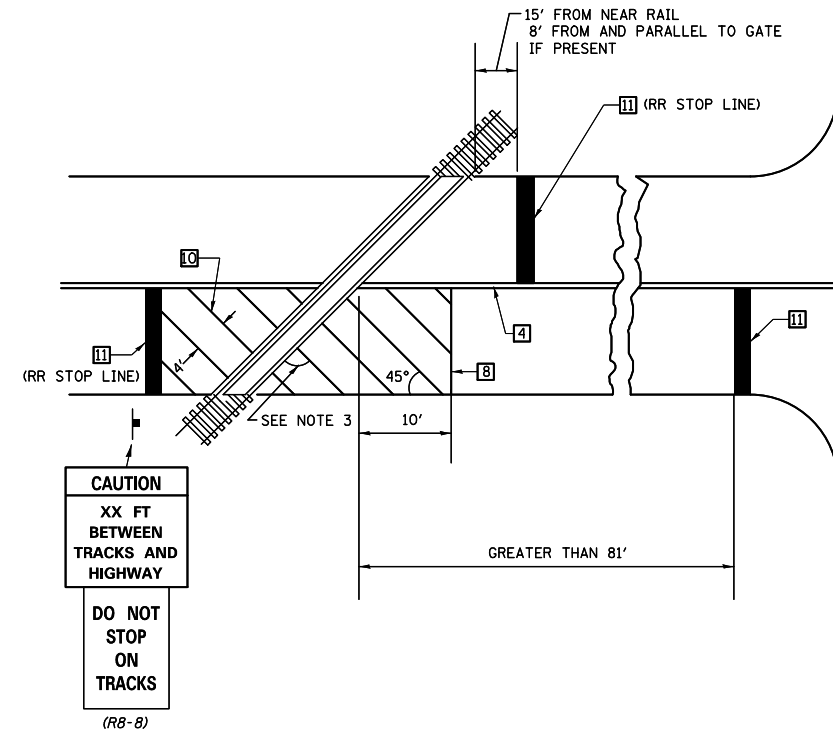
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

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 R XR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

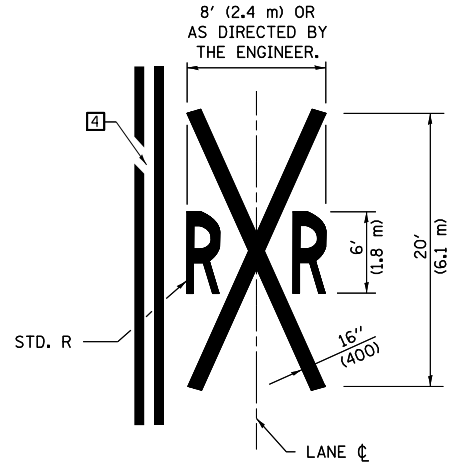
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

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.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.



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

FILE NAME =	USER NAME = ogleb.j	DESIGNED -	REVISED - 11/06
ci:\pw\work\p\idot\ogleb.j\0244982\0570783-shd-details.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/9/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

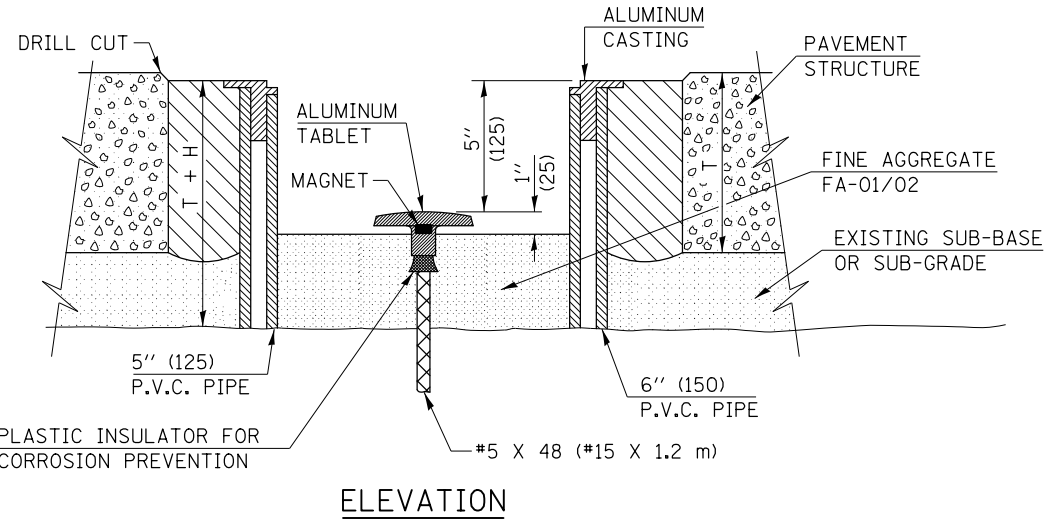
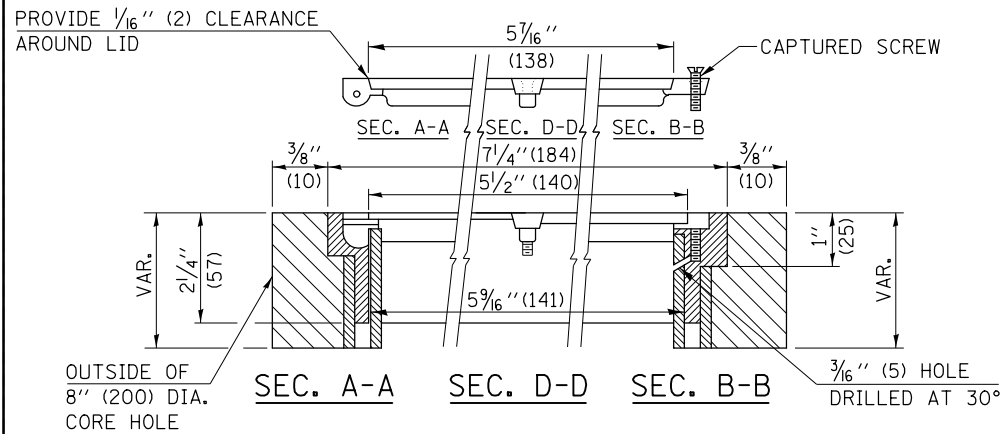
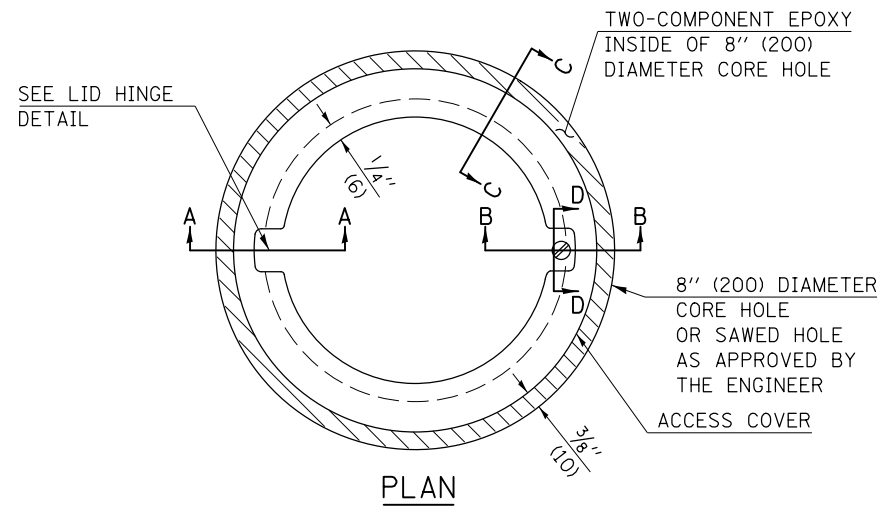
PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

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

DISTRICT 5 DETAIL NO. 7800AAA

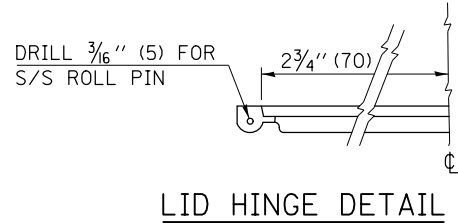
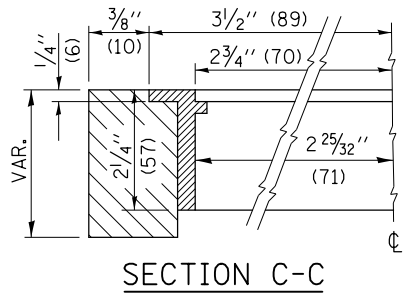
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	63
CONTRACT NO. 70783				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
- H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)



SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; QQ-A-60IES. NO EXCEPTIONS.

RE-BAR-SURVEY MARKER, TYPE I, (SPECIAL) TO BE FURNISHED BY THE CONTRACTOR AND SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR (SEE SPECIAL DETAIL SHEET FOR ALUMINUM TABLET AND RE-BAR SPECIFICATIONS).

BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40, ALUMINUM TABLET, STAMPED IN ACCORDANCE WITH STANDARD 667101. 5/8" X 48" (#15 X 1.2 m) RE-BAR, EPOXY AND FA-01/02 AGGREGATE.

GENERAL NOTES

1. ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE.
2. BACKFILL WITH FINE AGGREGATE - FA-01/02.
3. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING, EPOXY AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
6. ALL SURVEY MARKER (VAULTS) SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
7. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

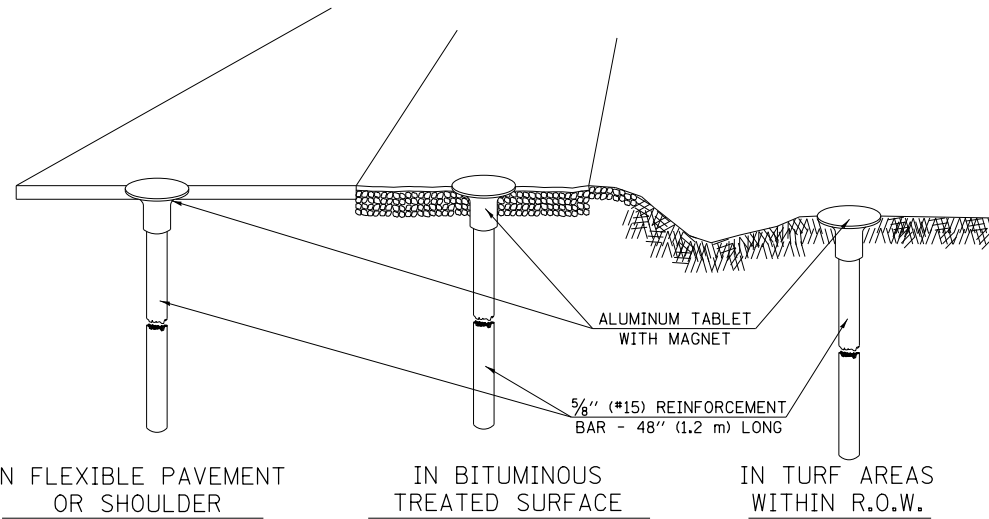
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. X0301232

FILE NAME =	USER NAME = ogleb.j	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SURVEY MARKER VAULT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\d0244982\0570783-shd-details.dgn		DRAWN -	REVISED -			315	119RS-4, 18RS & (57-10)RS	MCLEAN	225	64
PLOT SCALE = 48.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 70783				
PLOT DATE = 10/9/2012		DATE -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. 3/4" (83 mm) CONVEX SURVEY CAP FOR 5/8" (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 1 1/2" (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

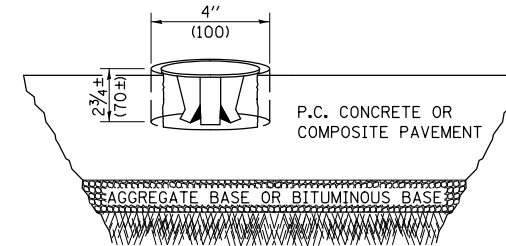
SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE 5/8" (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR 5/8" (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

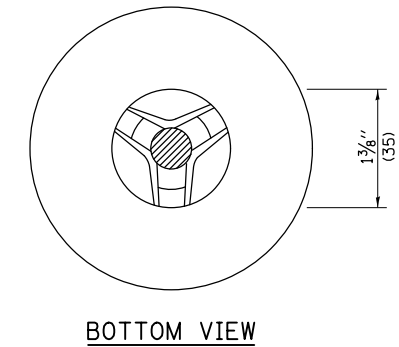
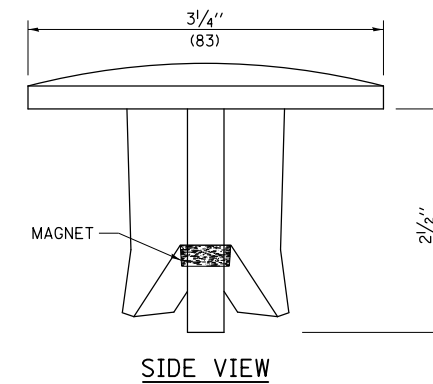
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE 3/4" (83 mm) CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE FOR LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A 2 1/2" (63 mm) STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD 19,000-21,000 PSI (131-145 MPa); TENSILE 38,000-44,000 PSI (262-303 MPa); ELONGATION 10-15% [IN 2" (50 mm)]. SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES. NO EXCEPTIONS.



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

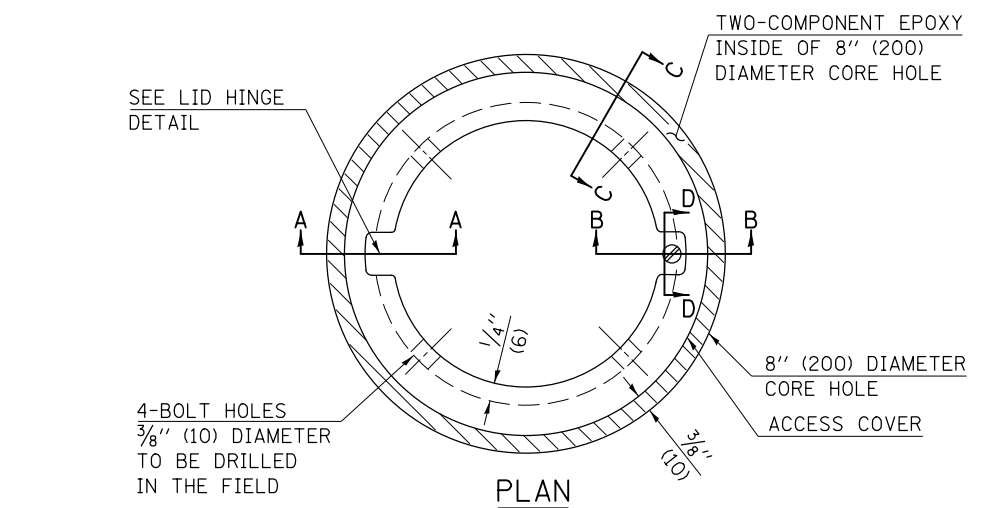
1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.

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

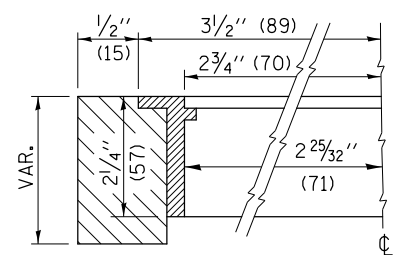
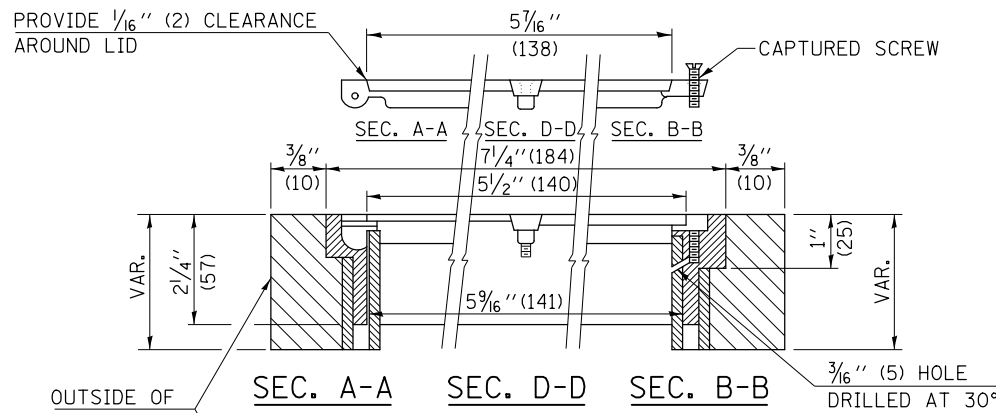
DISTRICT 5 DETAIL NO. XZ193AAA

FILE NAME =	USER NAME = ogleb.j	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SURVEY MARKERS TYPE 1 & 2 (SPECIAL)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\d\ogleb.j\d0244982\0570783-sht-details.dgn	DRAWN -	REVISED - 11/10	315			119RS-4, 18RS & (57-10)RS	MCLEAN	225	65	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70783							
PLOT DATE = 10/9/2012	DATE -	REVISED -	FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT			

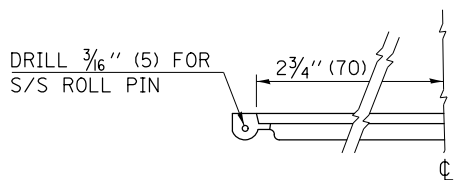
TO BE INSTALLED IN ALL PAVEMENT TYPES FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S) AND LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



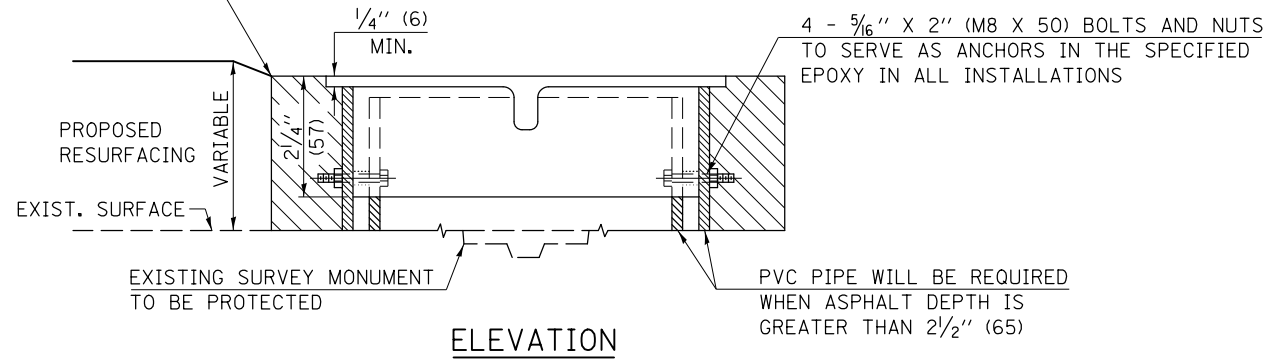
- LEGEND**
- ALUMINUM CASTING
 - 5" (125) OR 6" (150) P.V.C. PIPE
 - TWO-COMPONENT EPOXY



SECTION C-C



LID HINGE DETAIL



ELEVATION

SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; Q0-A-601Es. NO EXCEPTIONS.

BILL OF MATERIAL	
ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS,	
4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY,	
5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).	

GENERAL NOTES

- WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
- THE SURVEY MONUMENT COVER ASSEMBLY SHALL BE CENTERED ABOVE THE SURVEY MONUMENT TO BE PROTECTED.
- MODIFICATION OF THE ALUMINUM CASTING SHALL BE DONE BY GRINDING OR SAWING WHEN HEIGHT REDUCTION IS REQUIRED.
- ALL SURVEY MONUMENT COVER ASSEMBLIES SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
- ALUMINUM CASTING SHALL BE PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE WHEN AN INCREASE IN HEIGHT IS REQUIRED.
- THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
- THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MONUMENT COVER ASSEMBLY WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING THE NEW PAVEMENT SURFACE AND EPOXY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

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

FILE NAME =	USER NAME = ogleb.j	DESIGNED -	REVISED - 11/06
ei:\pw\work\p\idot\ogleb.j\d0244982\0570793-shd-details.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

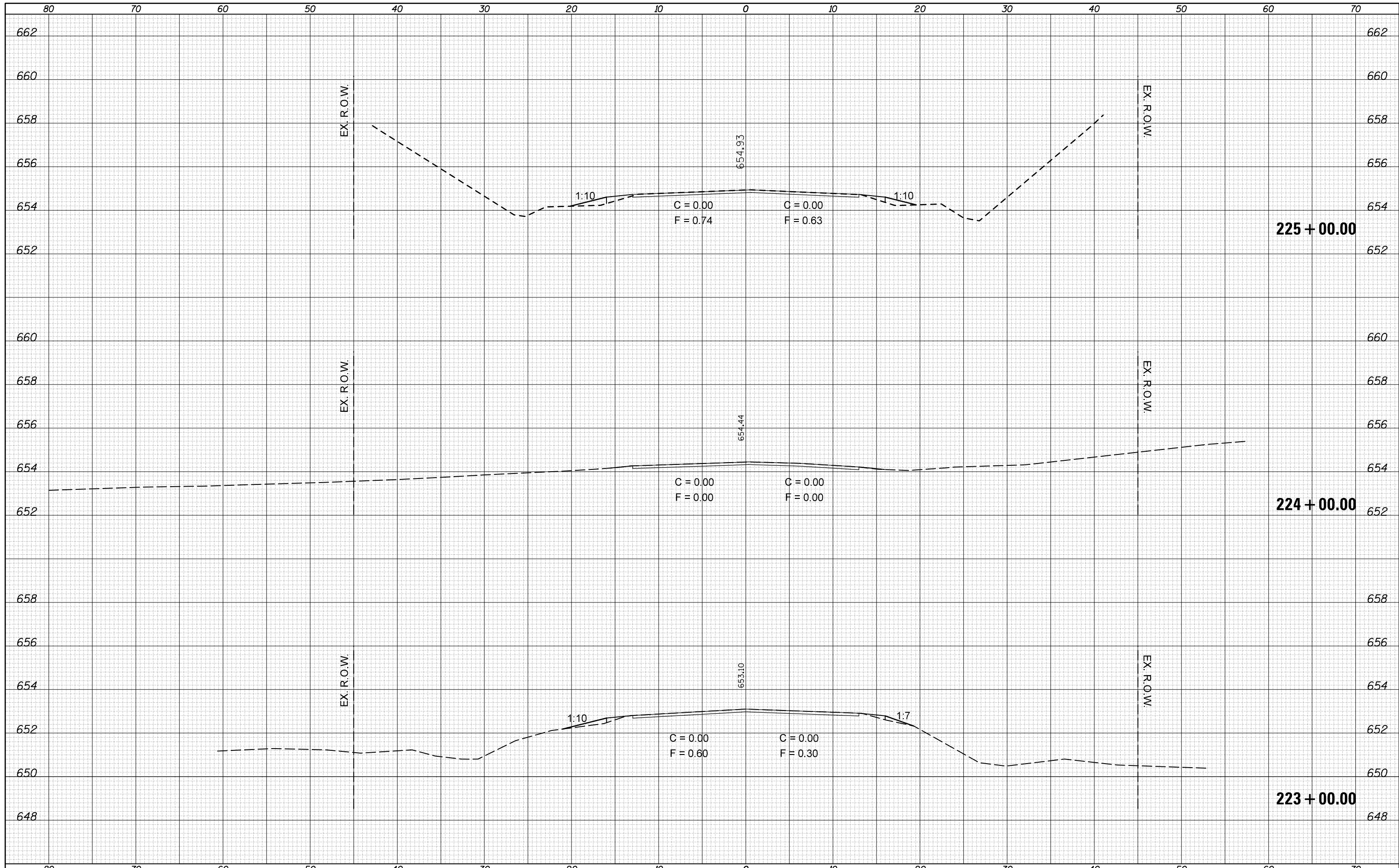
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY MONUMENT COVER ASSEMBLY			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

DISTRICT 5 DETAIL NO. Z0070100			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
315	119RS-4, 18RS & (57-10)RS	MCLEAN	225
			66
CONTRACT NO. 70783			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

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

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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PLLOT DATE = 10/9/2012	CHECKED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

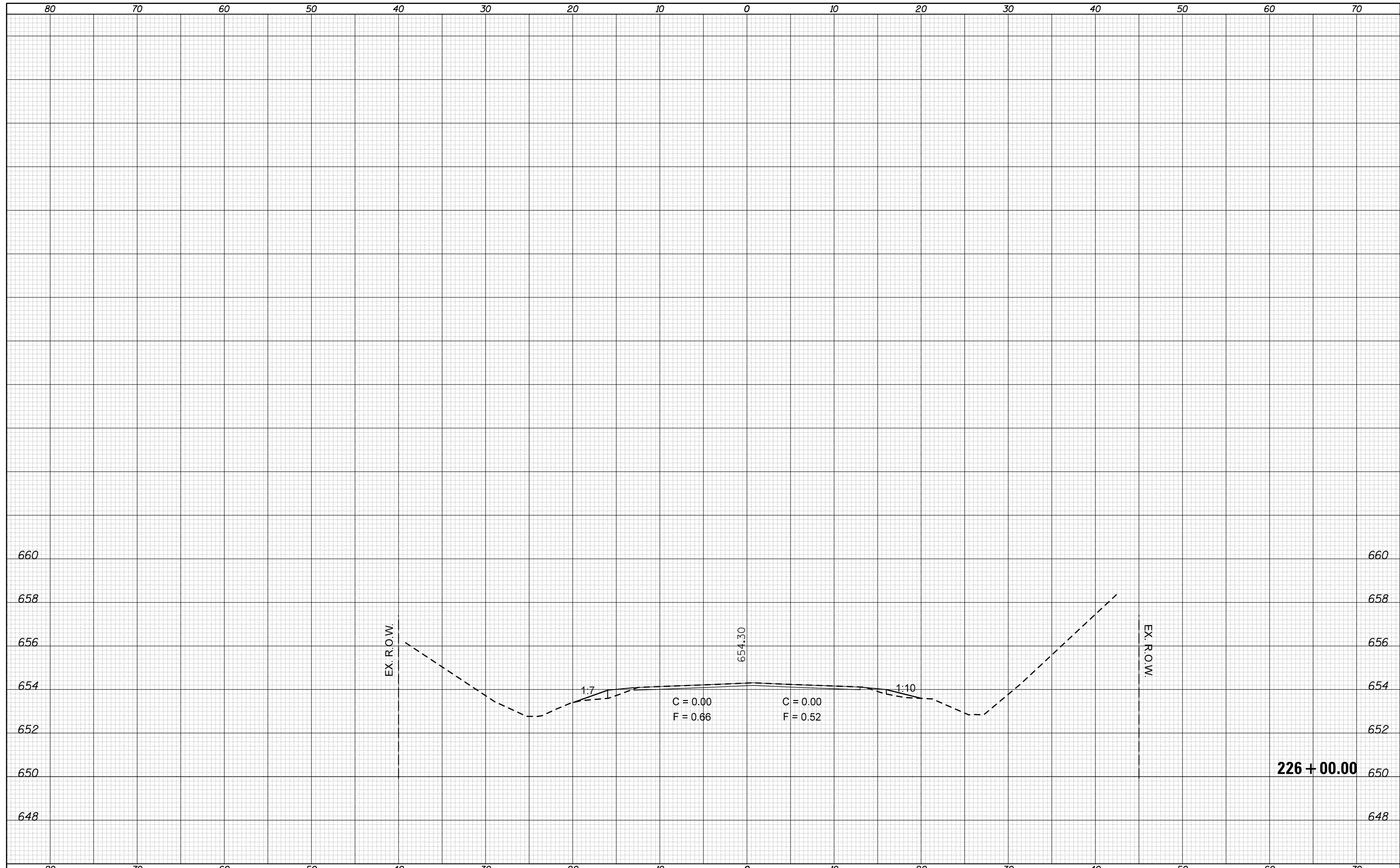
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10JRS	MCLEAN	225	67
CONTRACT NO. 70783				

ILLINOIS FED. AID PROJECT

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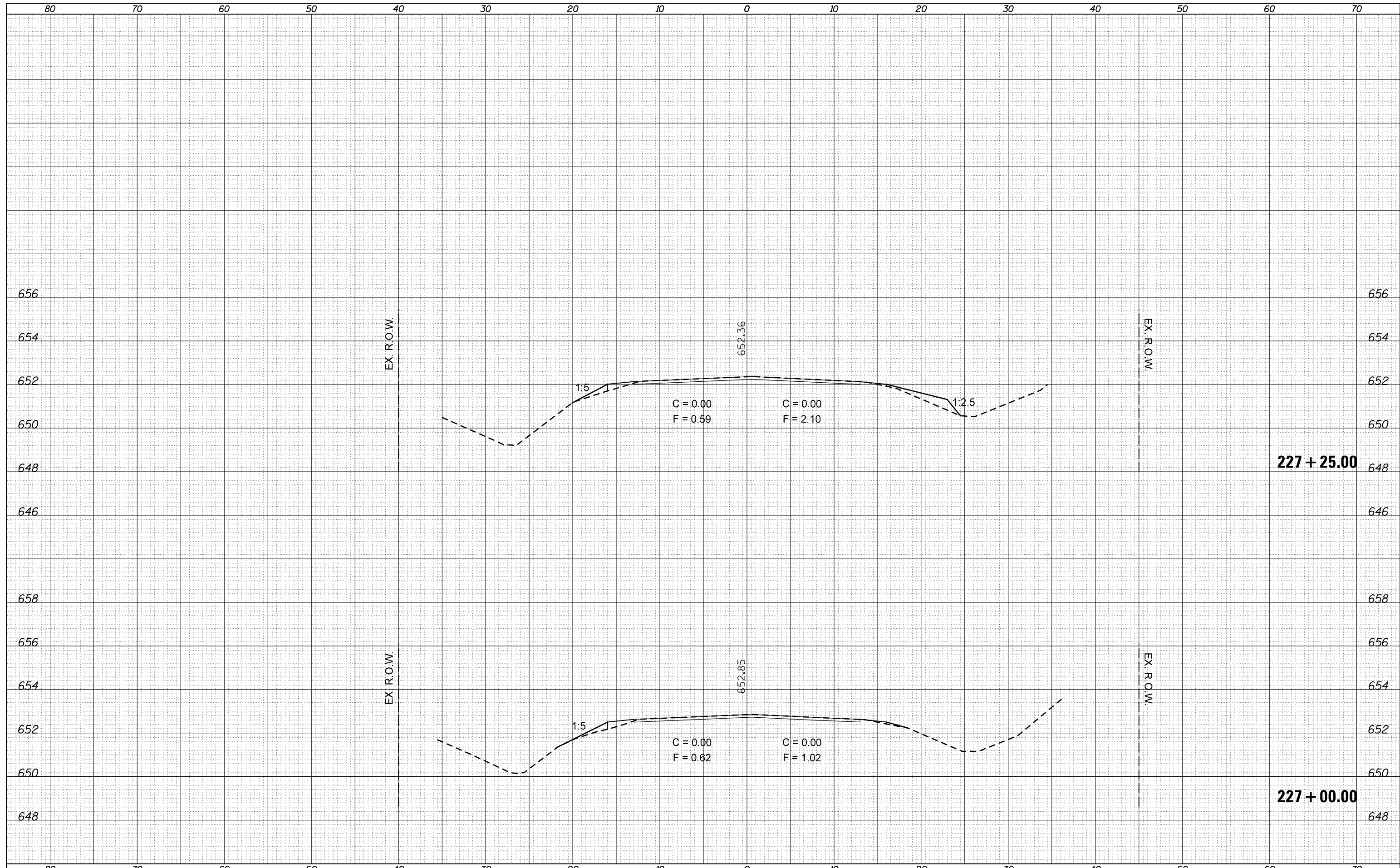
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NOTE BOOK	PLOTTED
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	AREAS CHECKED



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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	SCALE:		CONTRACT NO. 70783				
PLOT DATE = 10/9/2012	DATE -	REVISED -	SHEET OF SHEETS		STA. TO STA.	ILLINOIS FED. AID PROJECT			

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

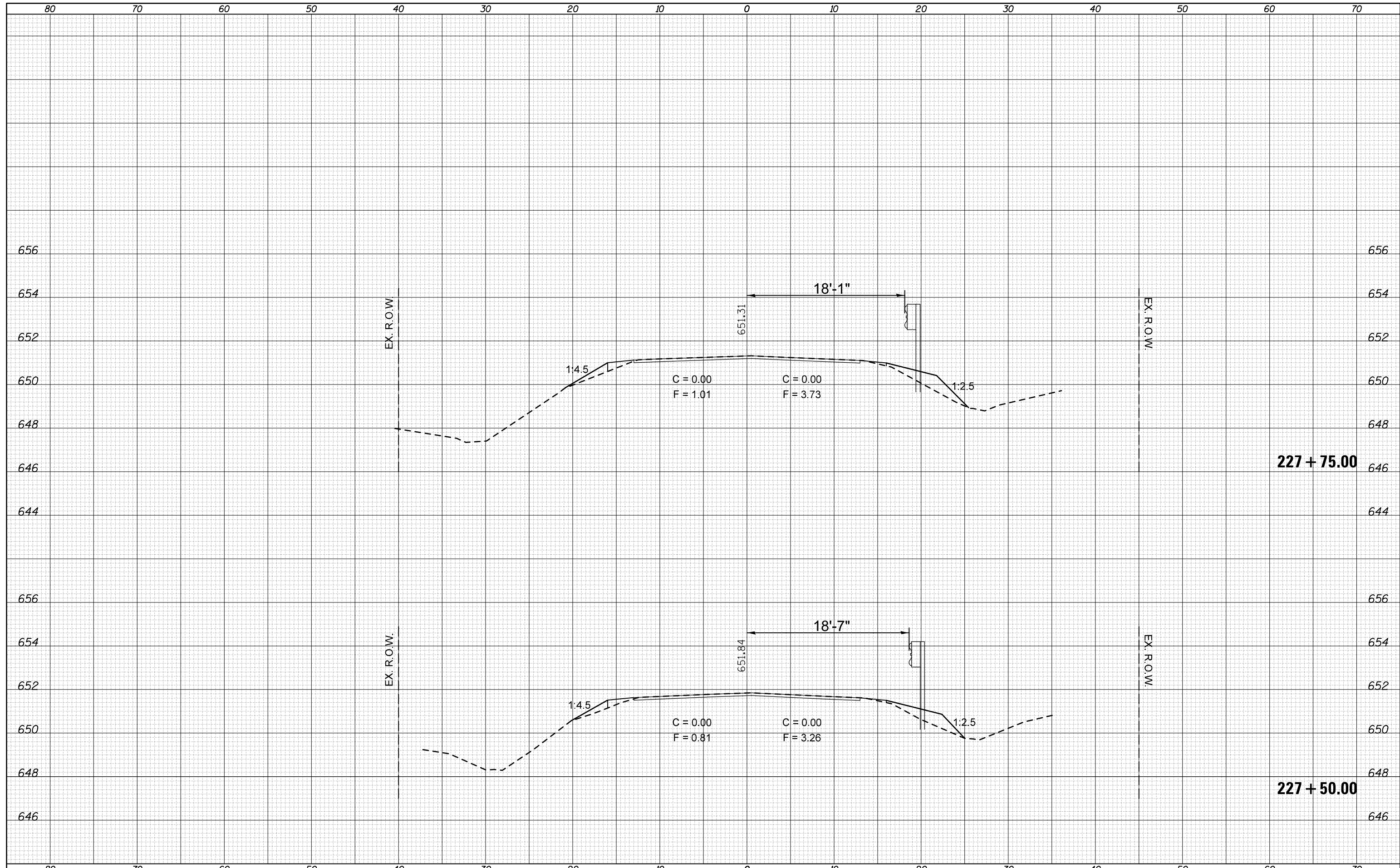
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED



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c:\pw_work\pwidot\ogieb.j\d0244982\0570783-sh.t	es_ALL.dgn	DRAWN -	REVISED -			315	119RS-4,18RS&57-10RS	MCLEAN	225	69
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70783							
PLOT DATE = 10/9/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
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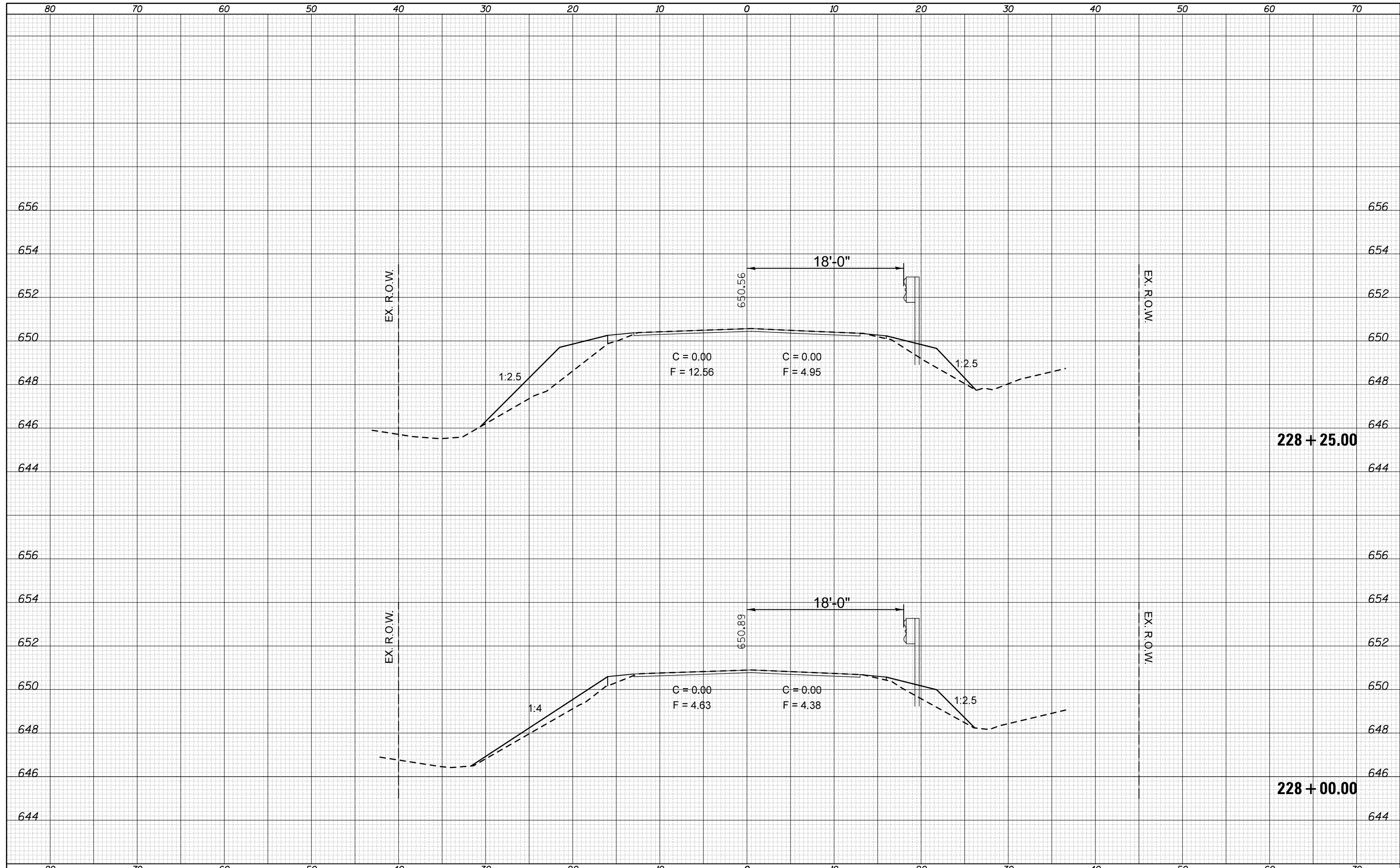
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	MCLEAN	225	70
CONTRACT NO. 70783			ILLINOIS FED. AID PROJECT	

DATE	
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FINAL SURVEY	
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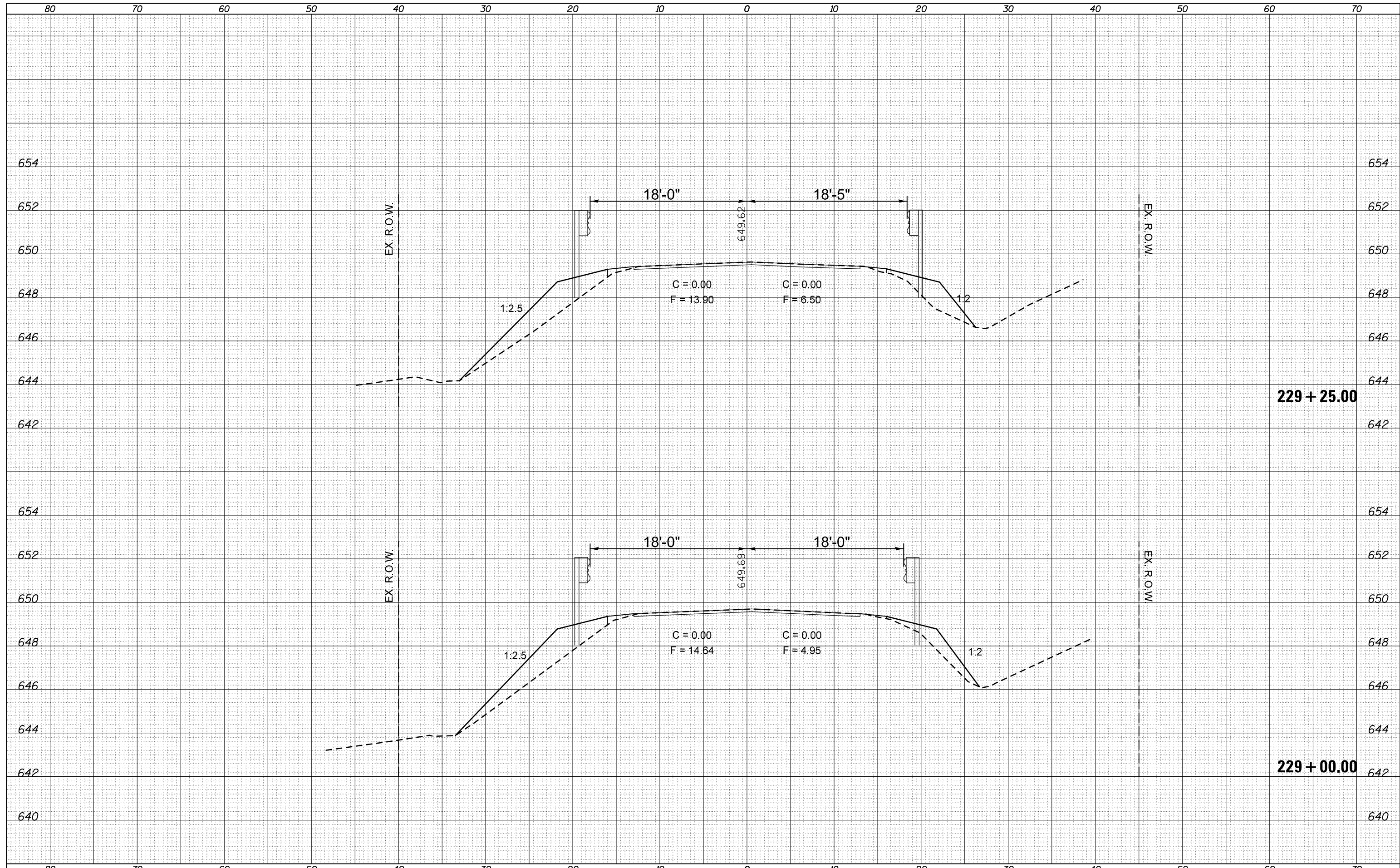
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10IRS	MCLEAN	225	71
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

DATE	
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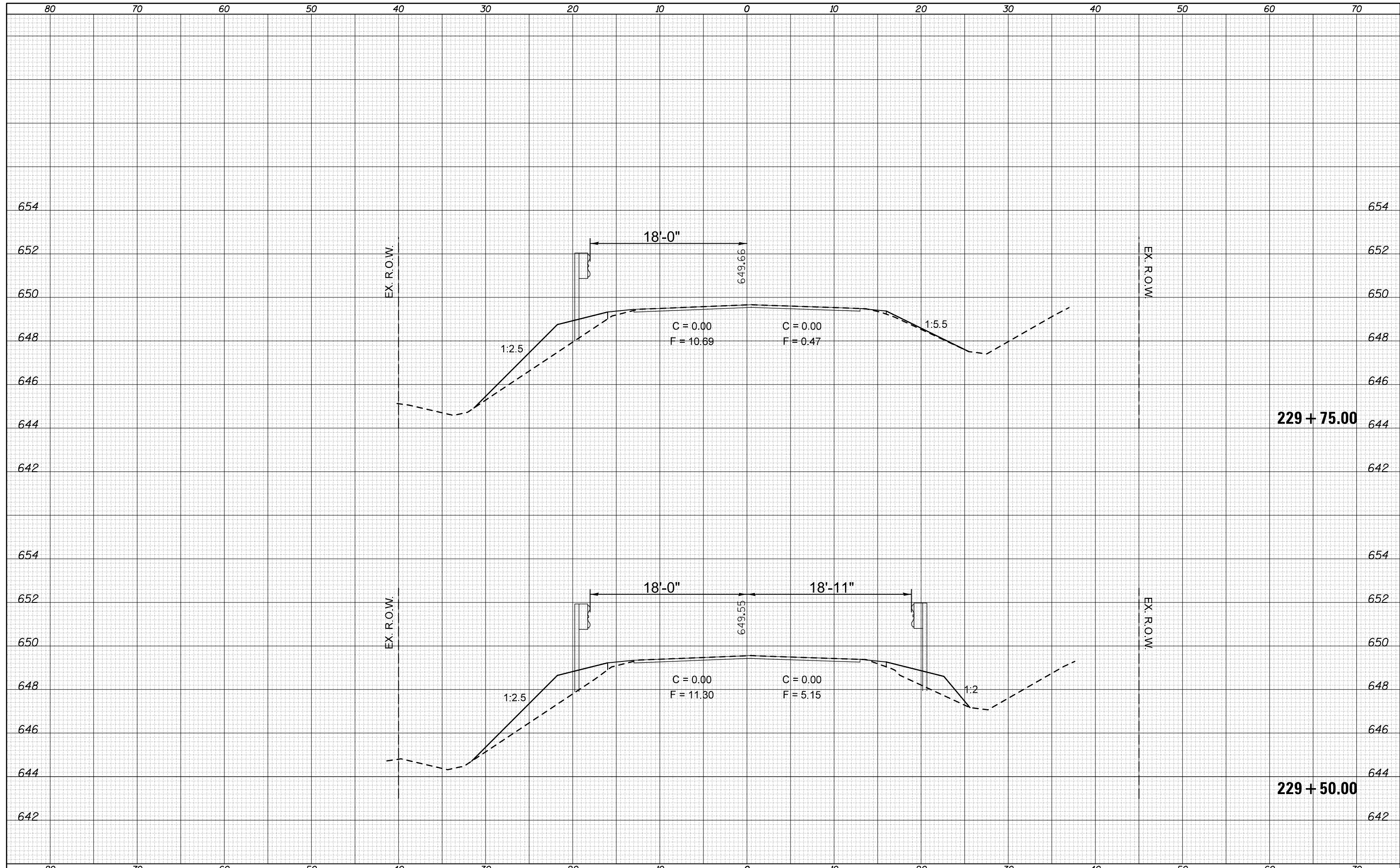
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	MCLEAN	225	73
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

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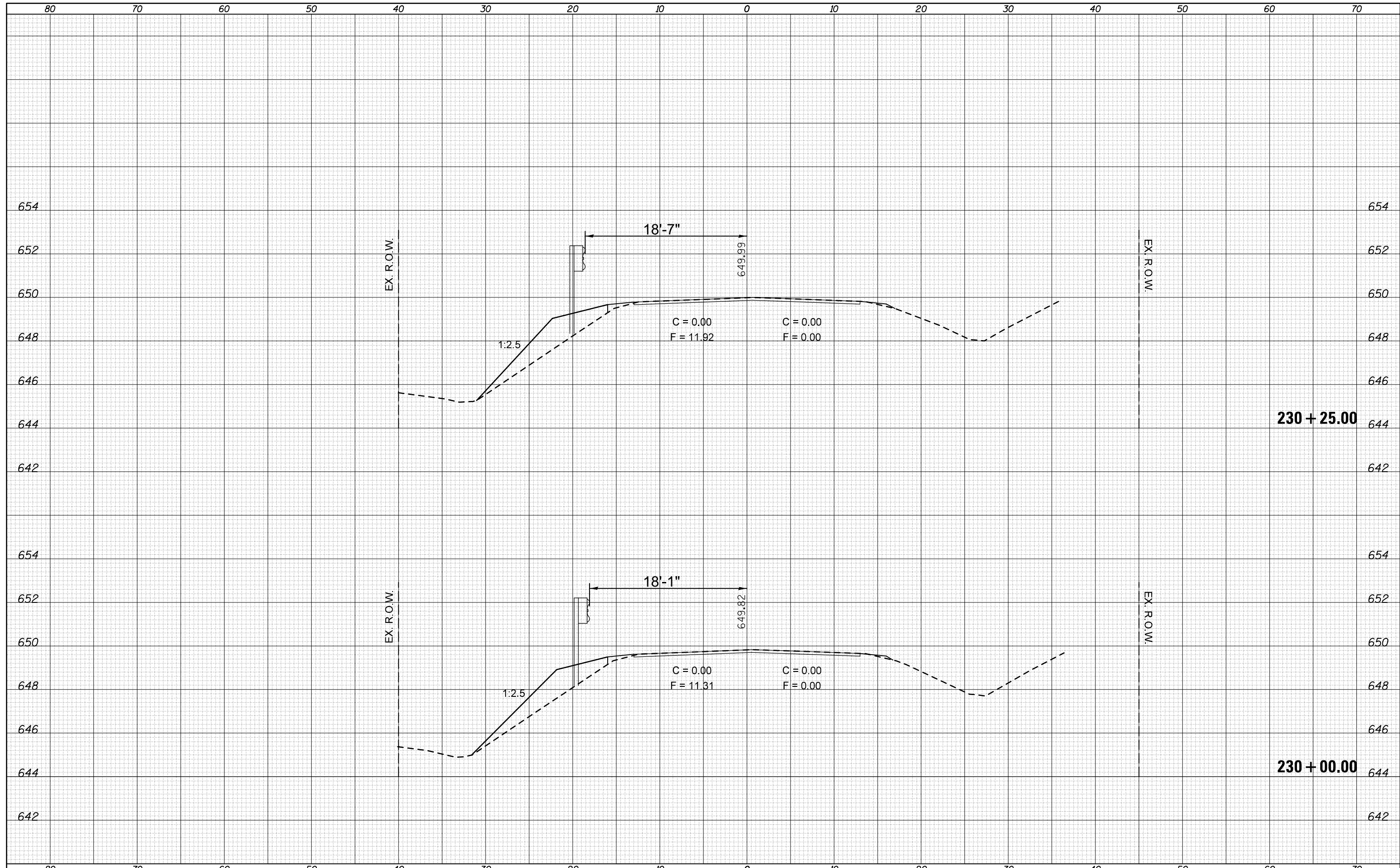
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	MCLEAN	225	74
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

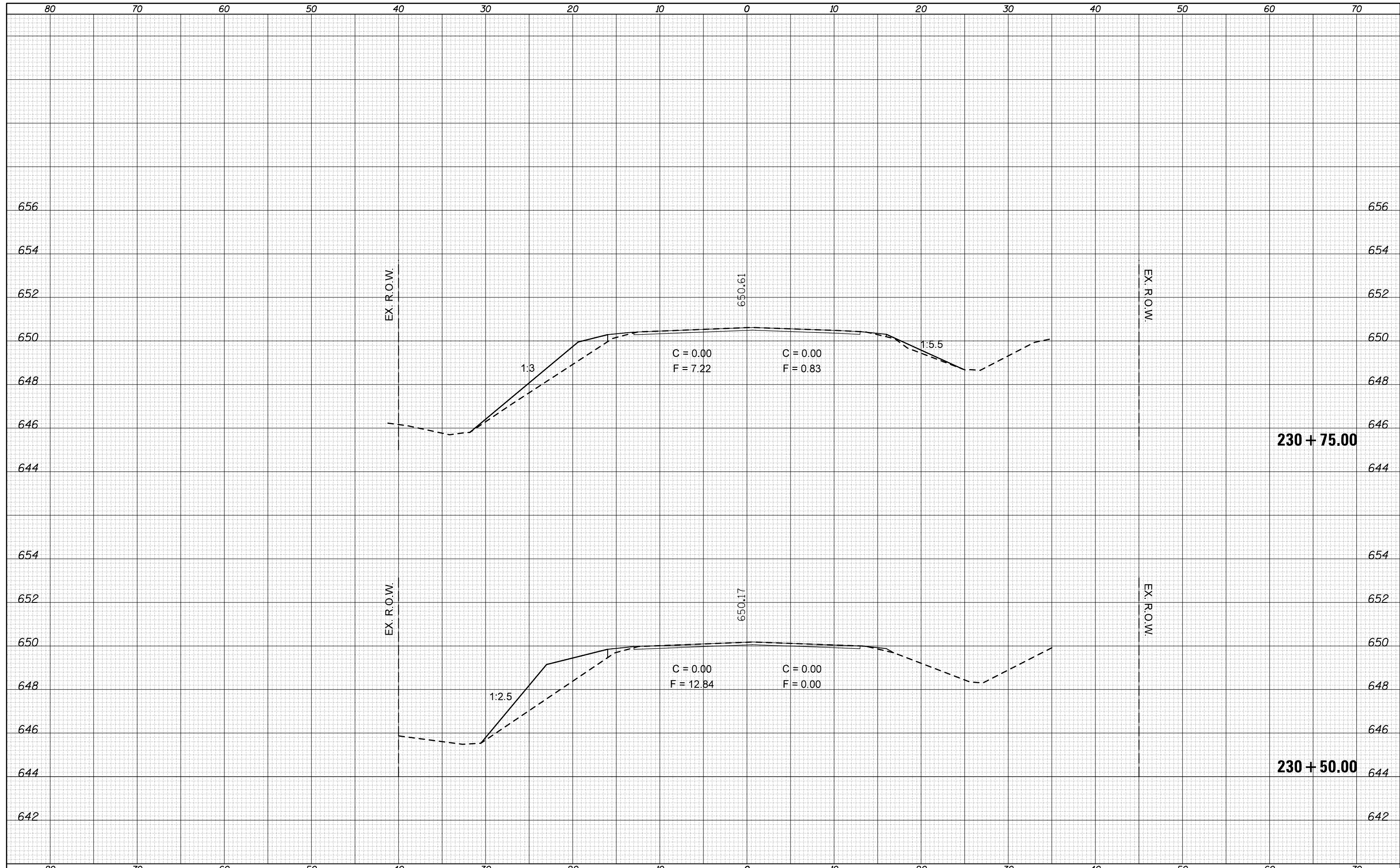
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	MCLEAN	225	75
CONTRACT NO. 70783				

ILLINOIS FED. AID PROJECT

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

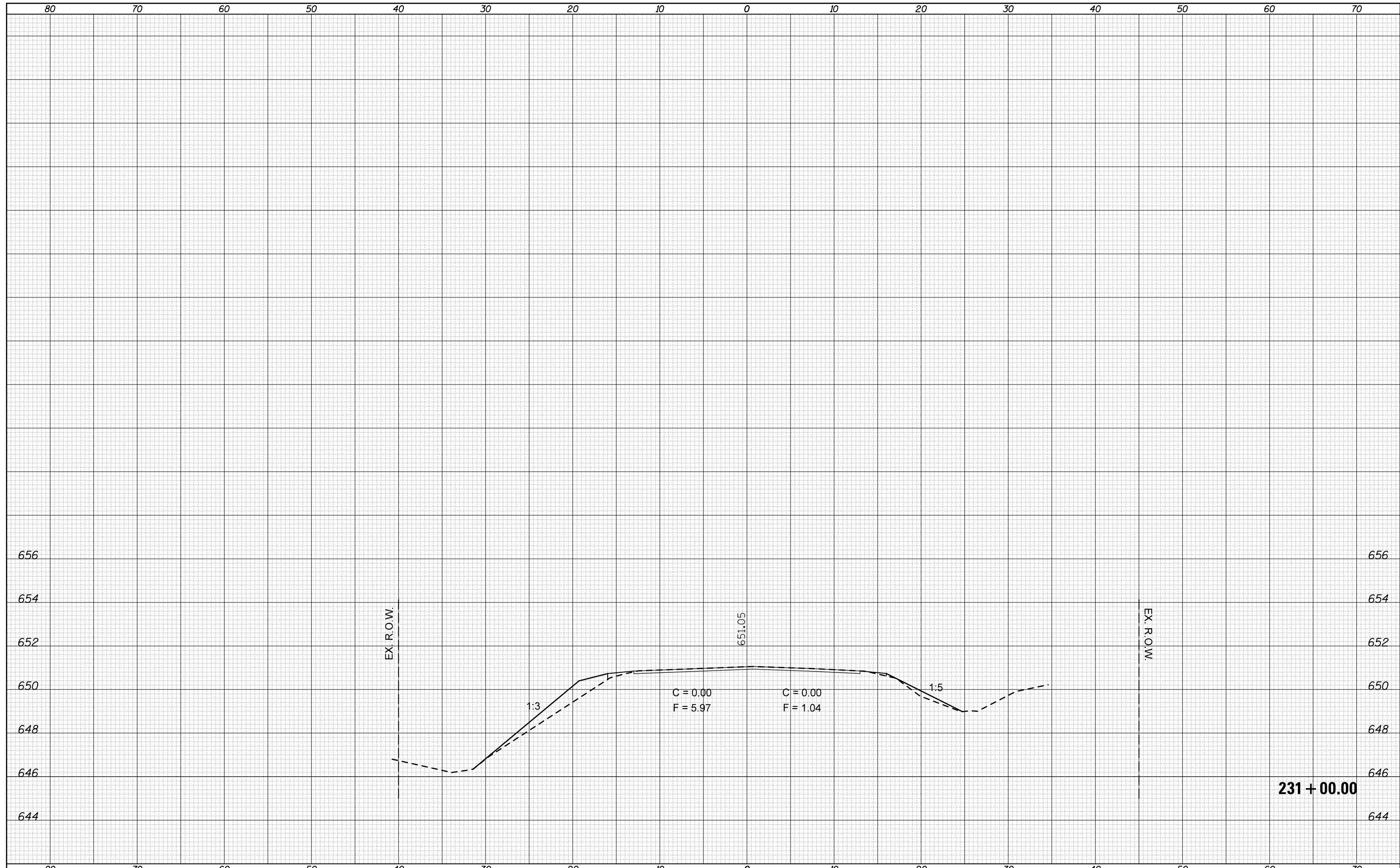
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10IRS	MCLEAN	225	76
CONTRACT NO. 70783				

ILLINOIS FED. AID PROJECT

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

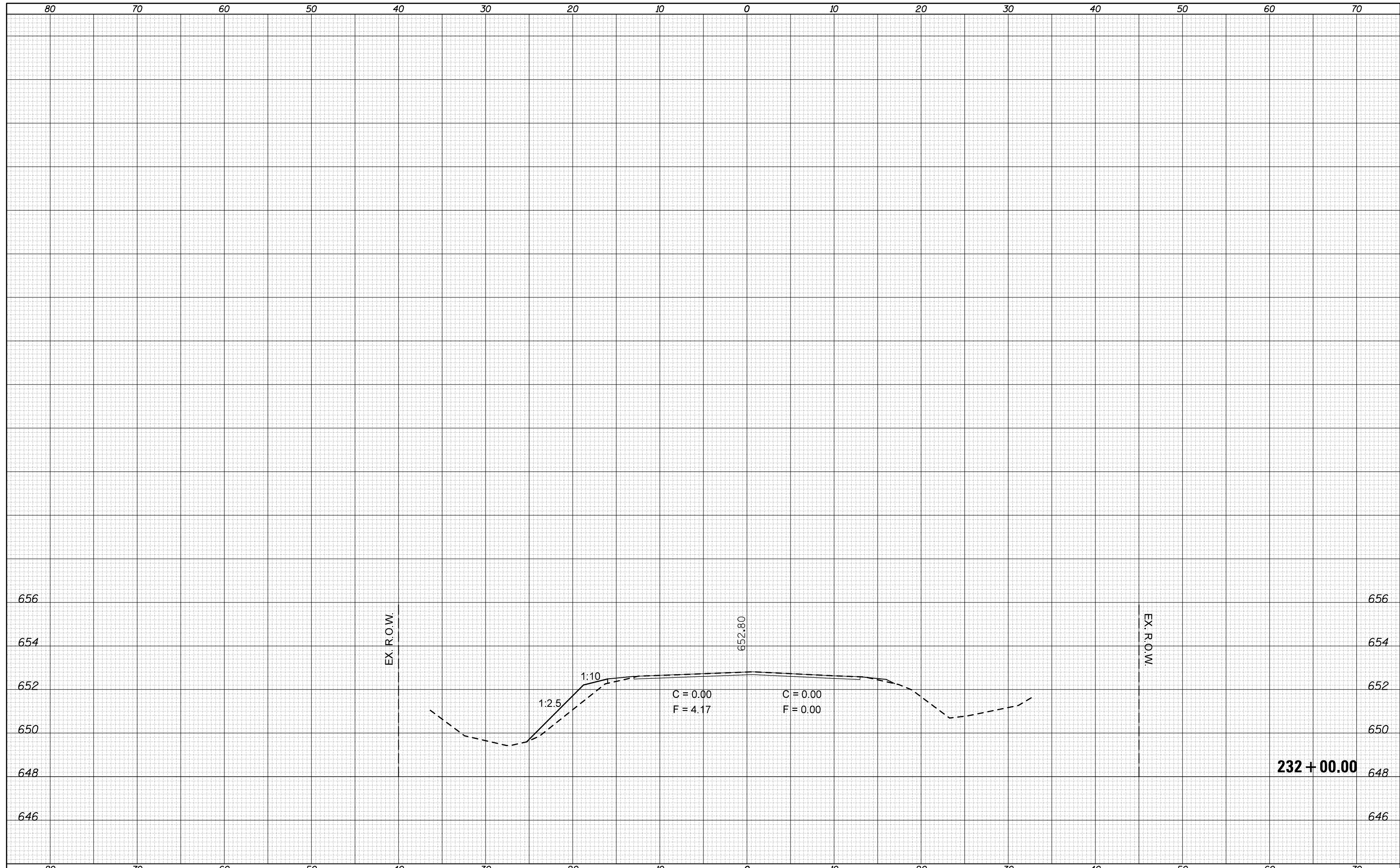
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	MCLEAN	225	77
CONTRACT NO. 70783				

ILLINOIS FED. AID PROJECT

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FINAL SURVEY	SURVEYED
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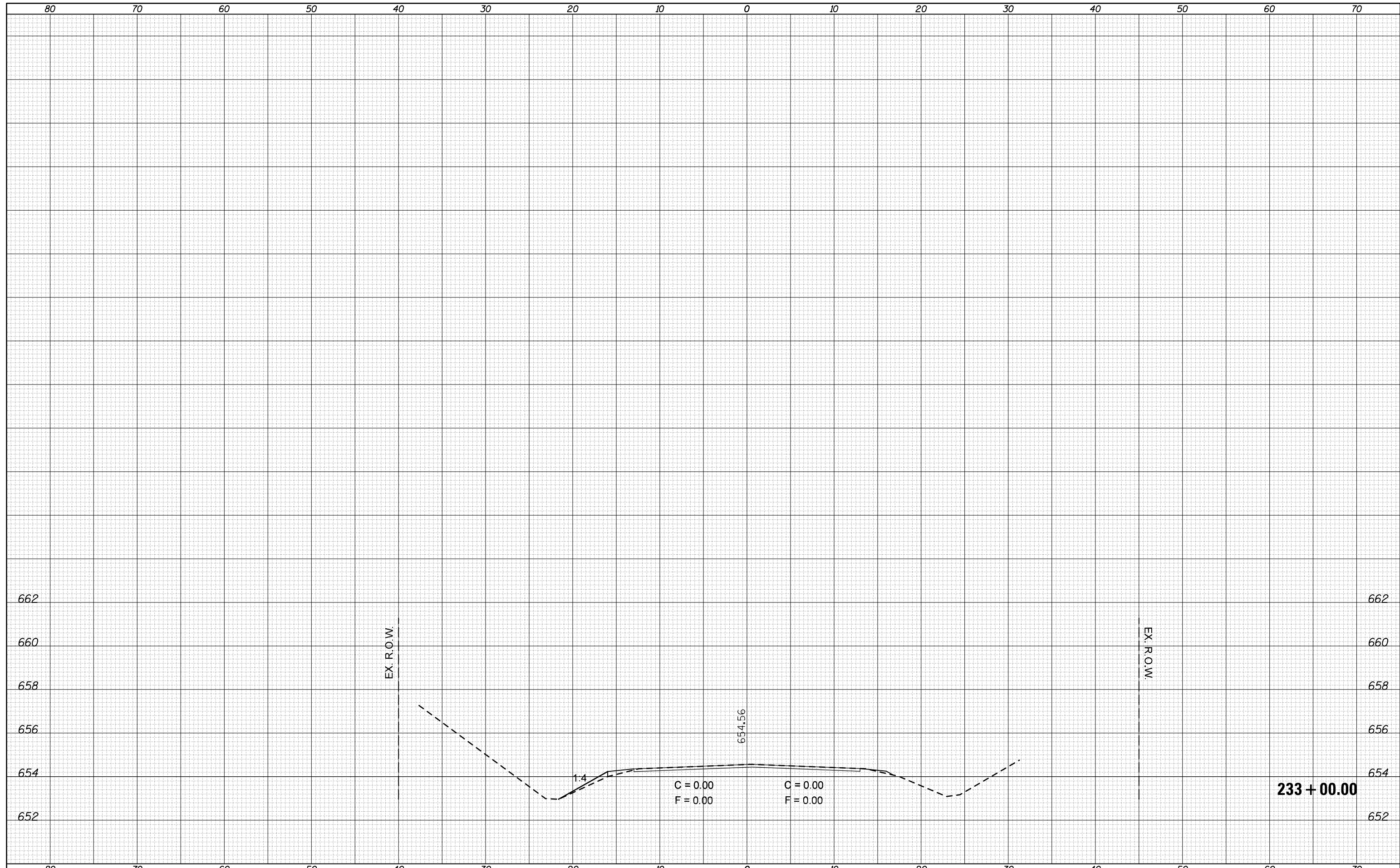


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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 70783				
PLOT DATE = 10/9/2012	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

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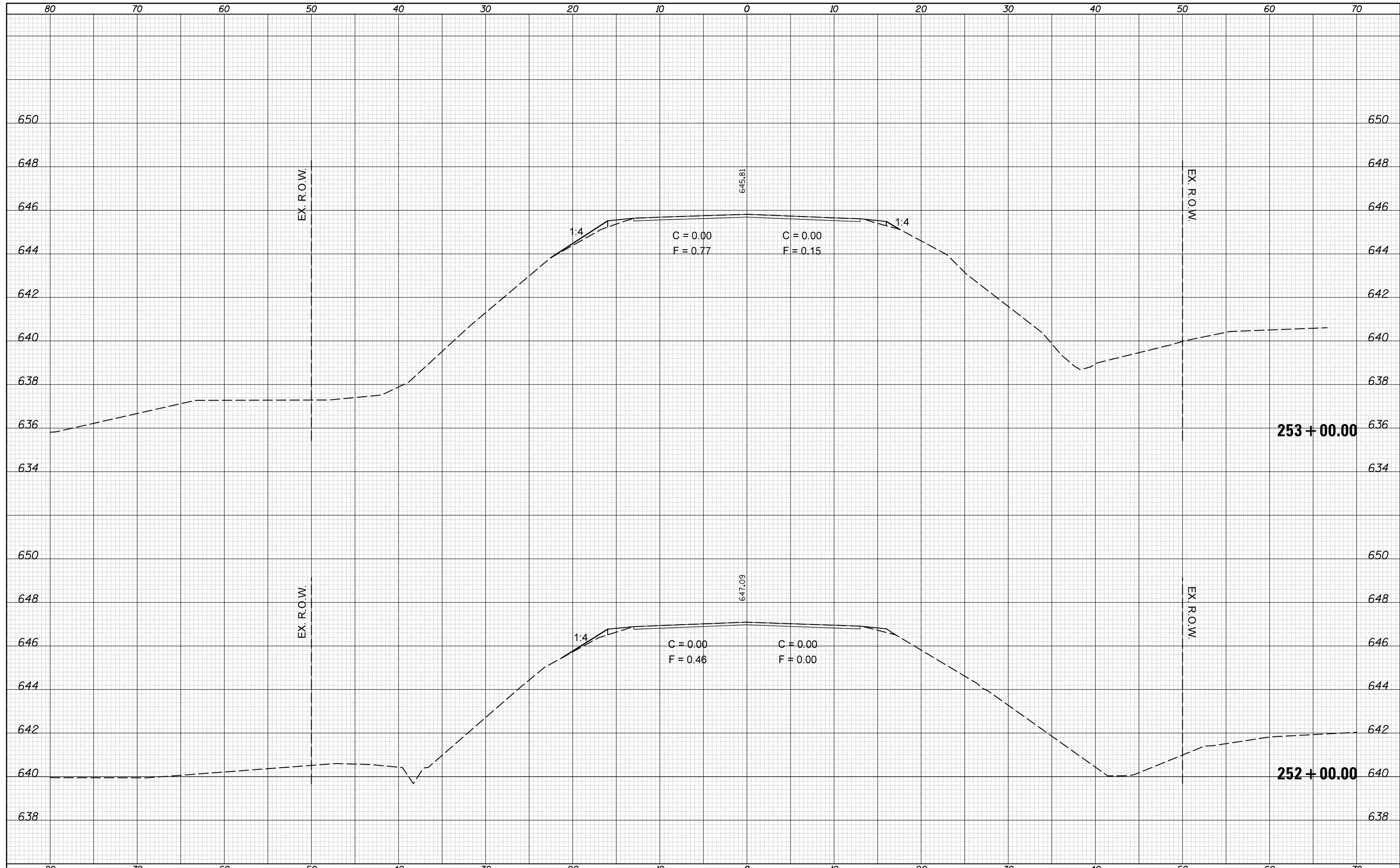
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c:\pw_work\pwidot\oglebj\d0244982\0570783-sh.t	es_ALL.dgn	DRAWN -	REVISED -		315	119RS-4,18RS&57-10RS	MCLEAN	225	79
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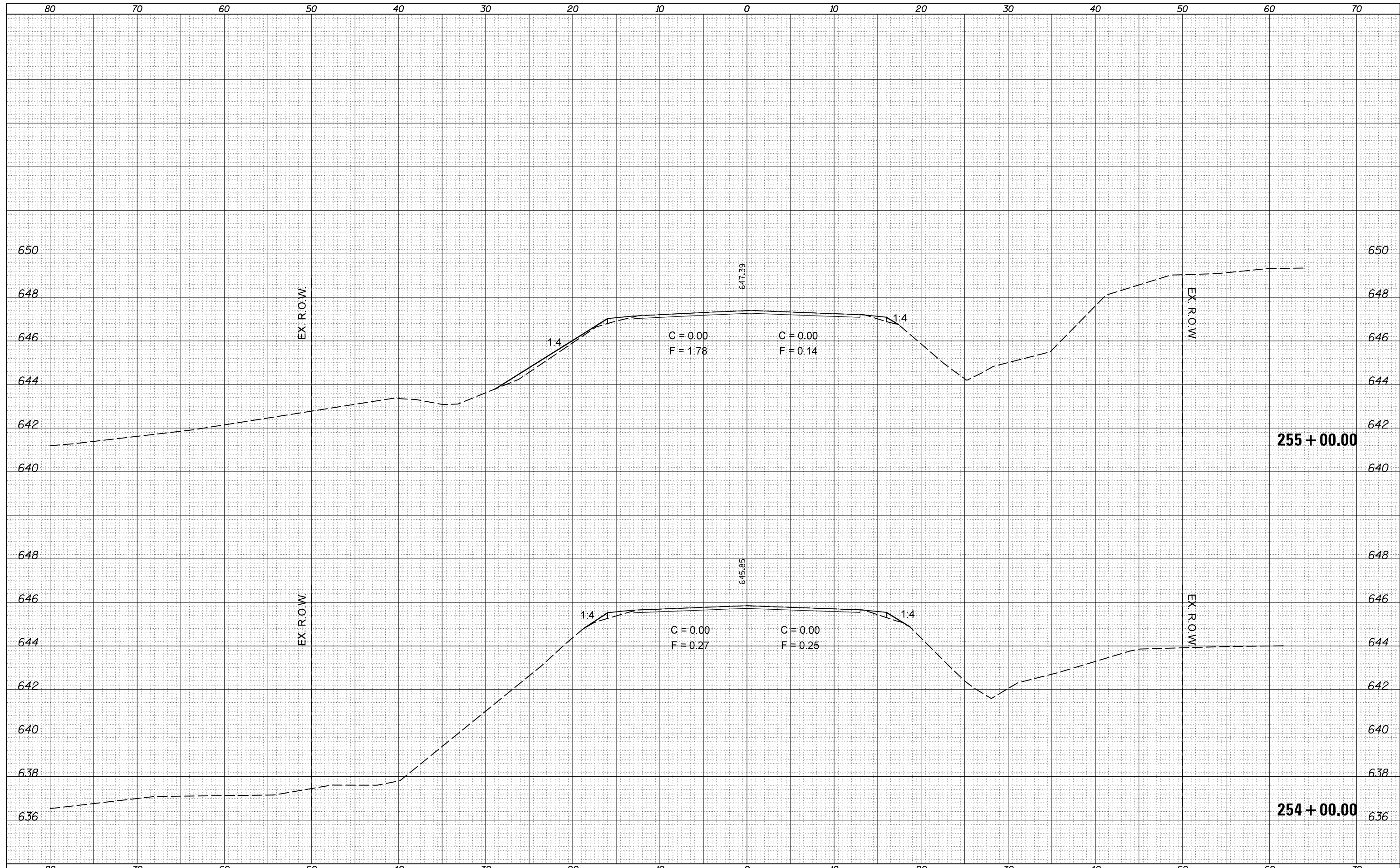
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FINAL SURVEY	SURVEYED
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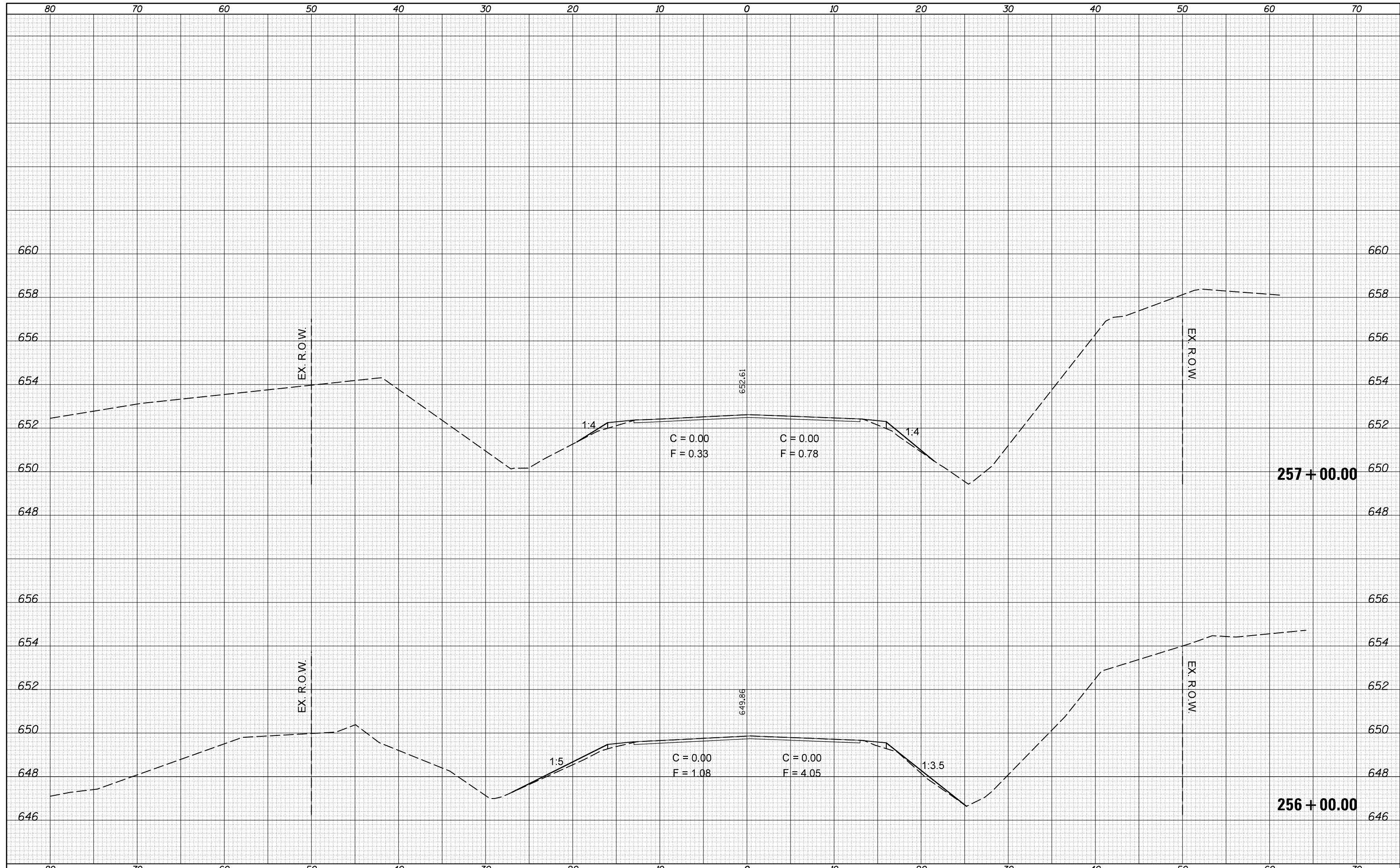
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	MCLEAN	225	81
CONTRACT NO. 70783			ILLINOIS FED. AID PROJECT	

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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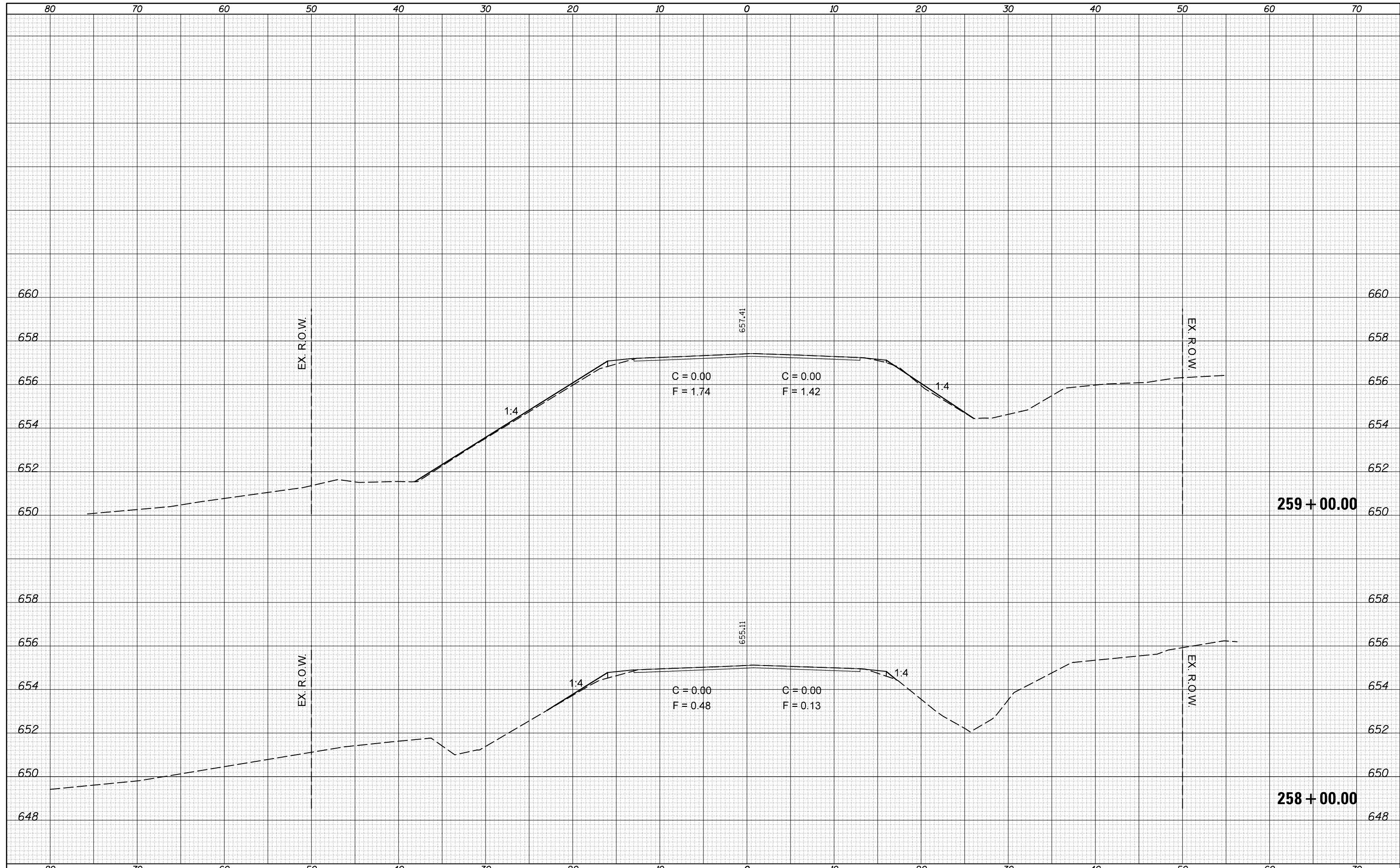
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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c:\pw\work\p\dot\oglebj\d0244982\0570783-sht-	es_ALL.dgn	DRAWN -	REVISED -		315	119RS-4,18RS&57-10RS	MCLEAN	225	82
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 70783				
	PLOT DATE = 10/9/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT				
SCALE:					SHEET	OF	SHEETS	STA.	TO STA.

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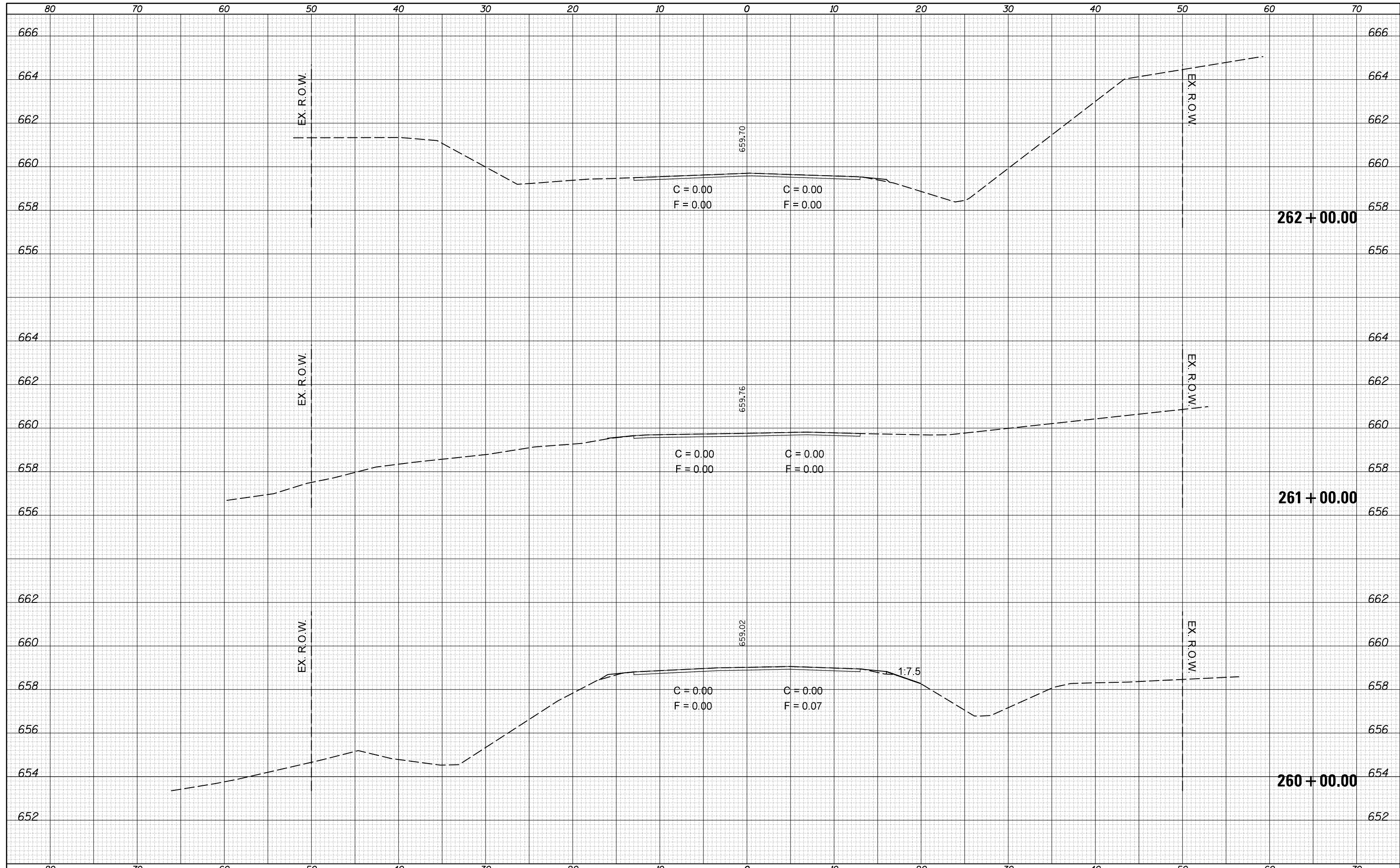
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10IRS	MCLEAN	225	83
CONTRACT NO. 70783			ILLINOIS FED. AID PROJECT	

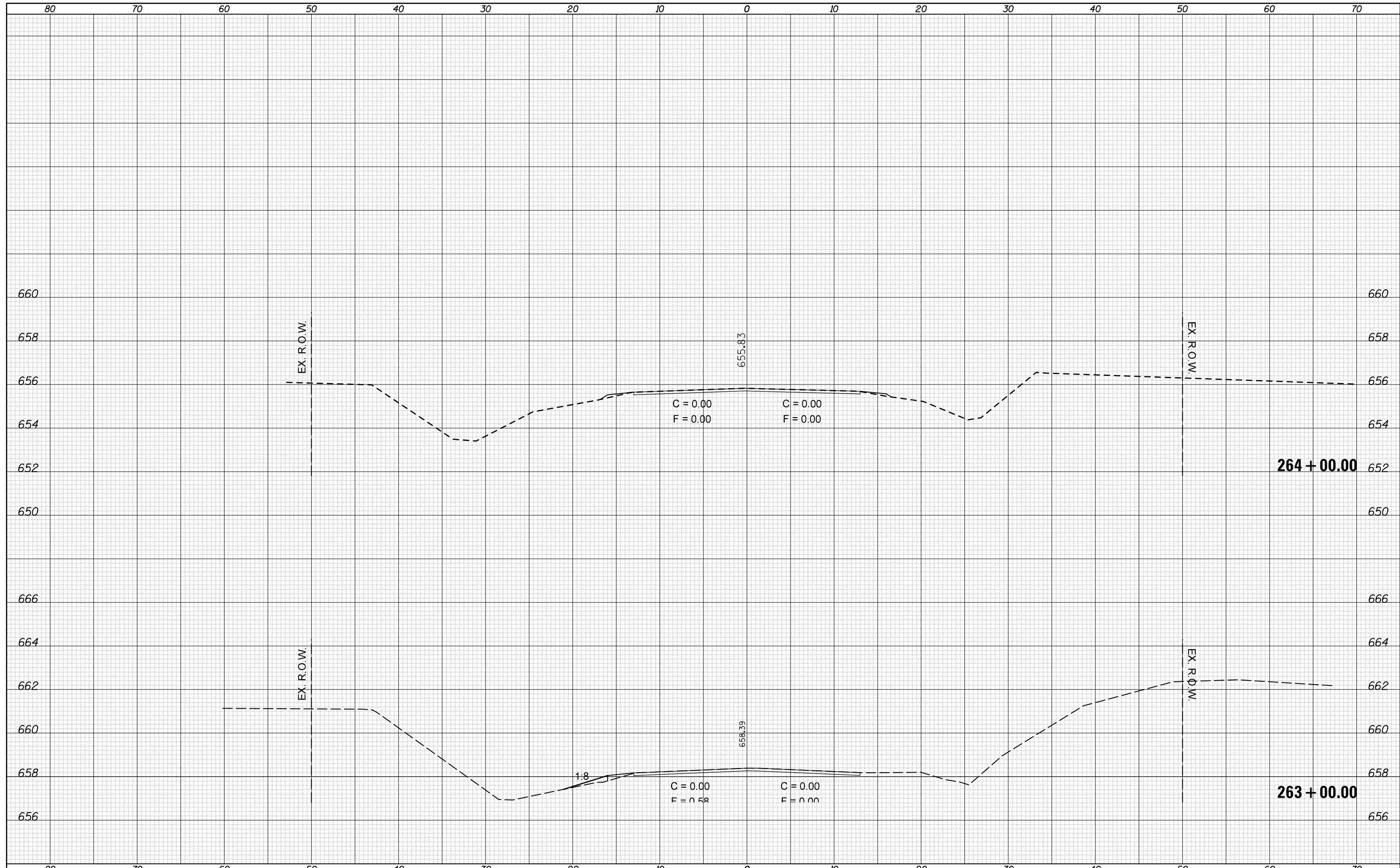
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

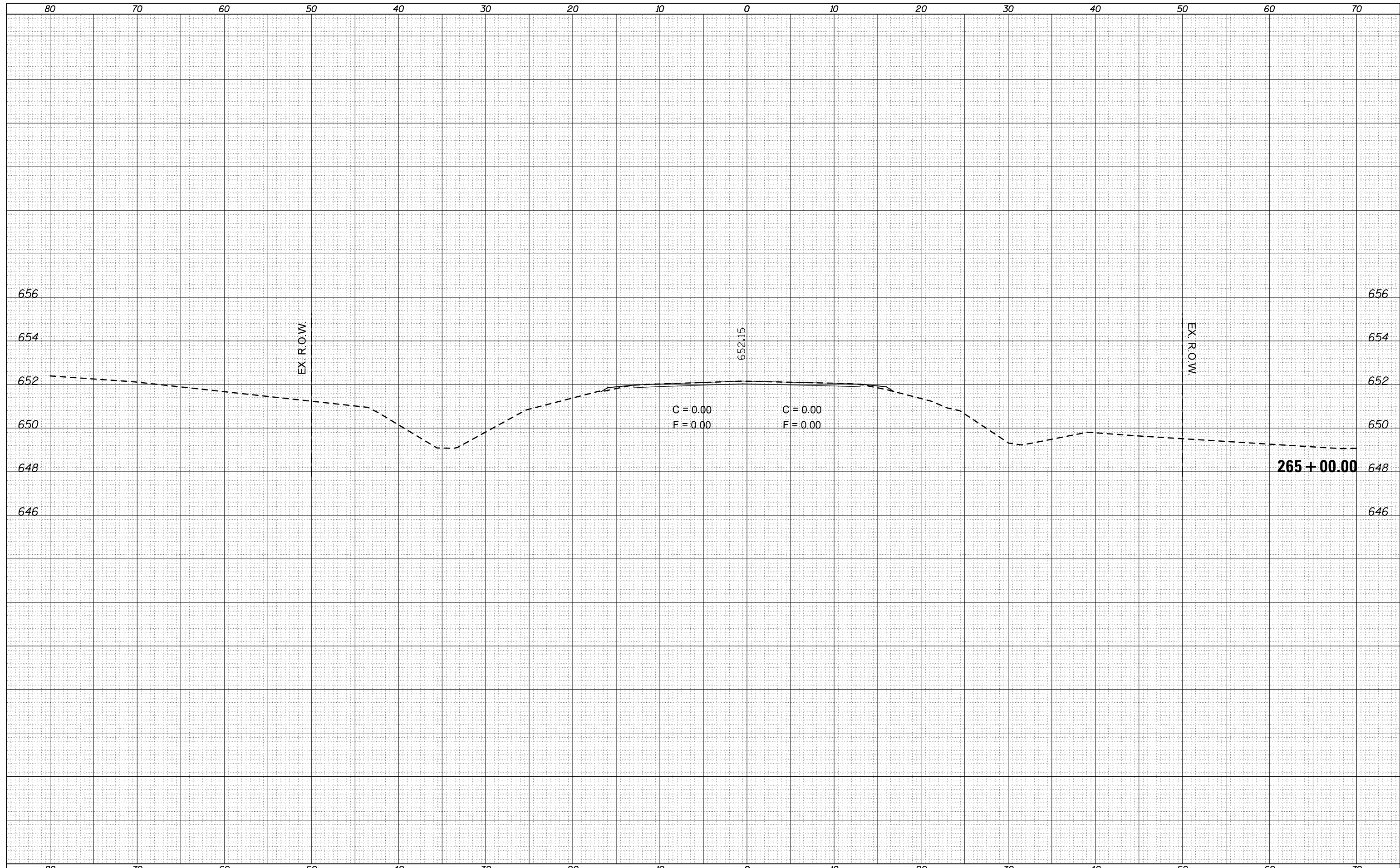
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	MCLEAN	225	85
CONTRACT NO. 70783				

ILLINOIS FED. AID PROJECT

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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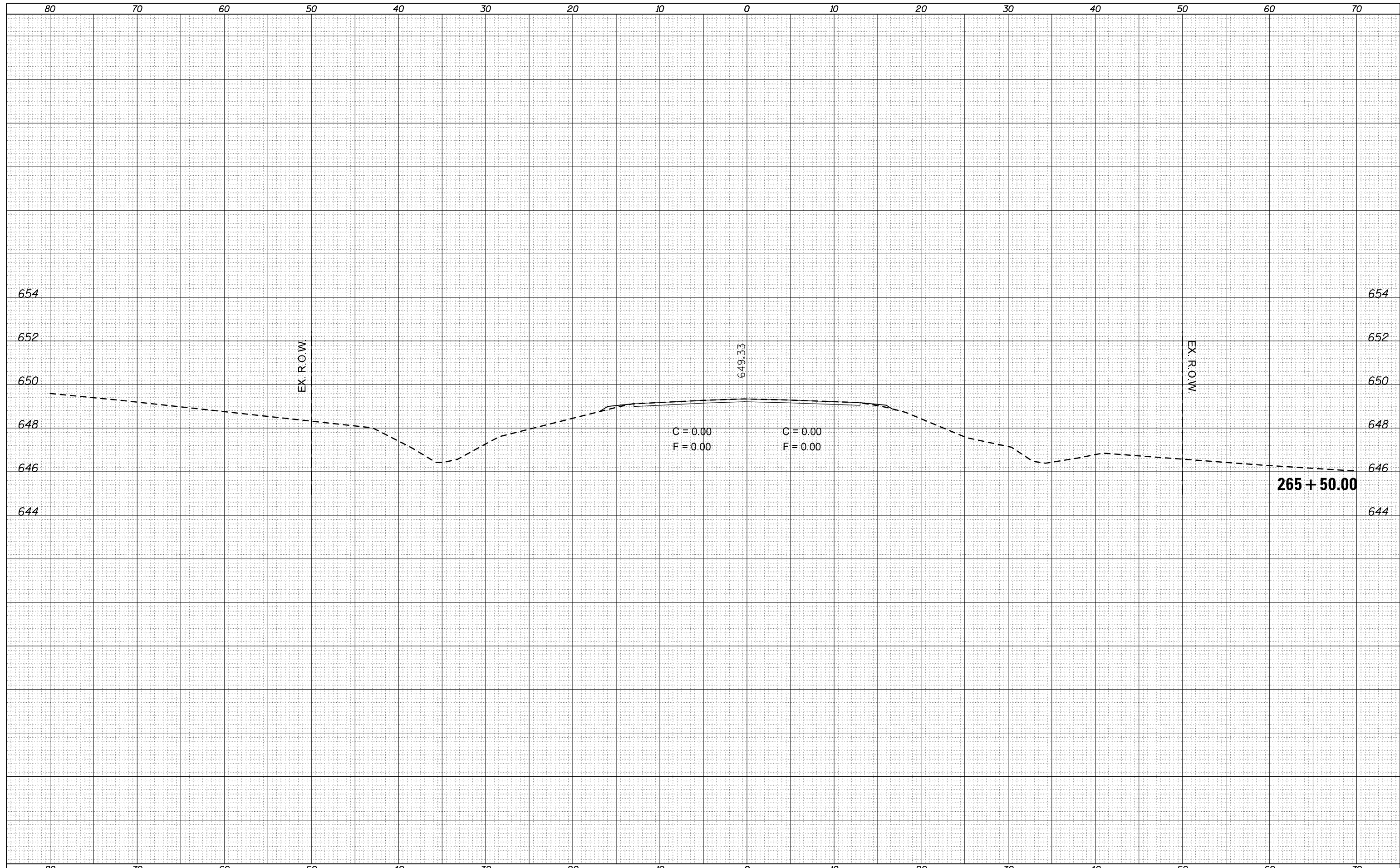
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10JRS	MCLEAN	225	86
CONTRACT NO.			70783	
ILLINOIS FED. AID PROJECT				

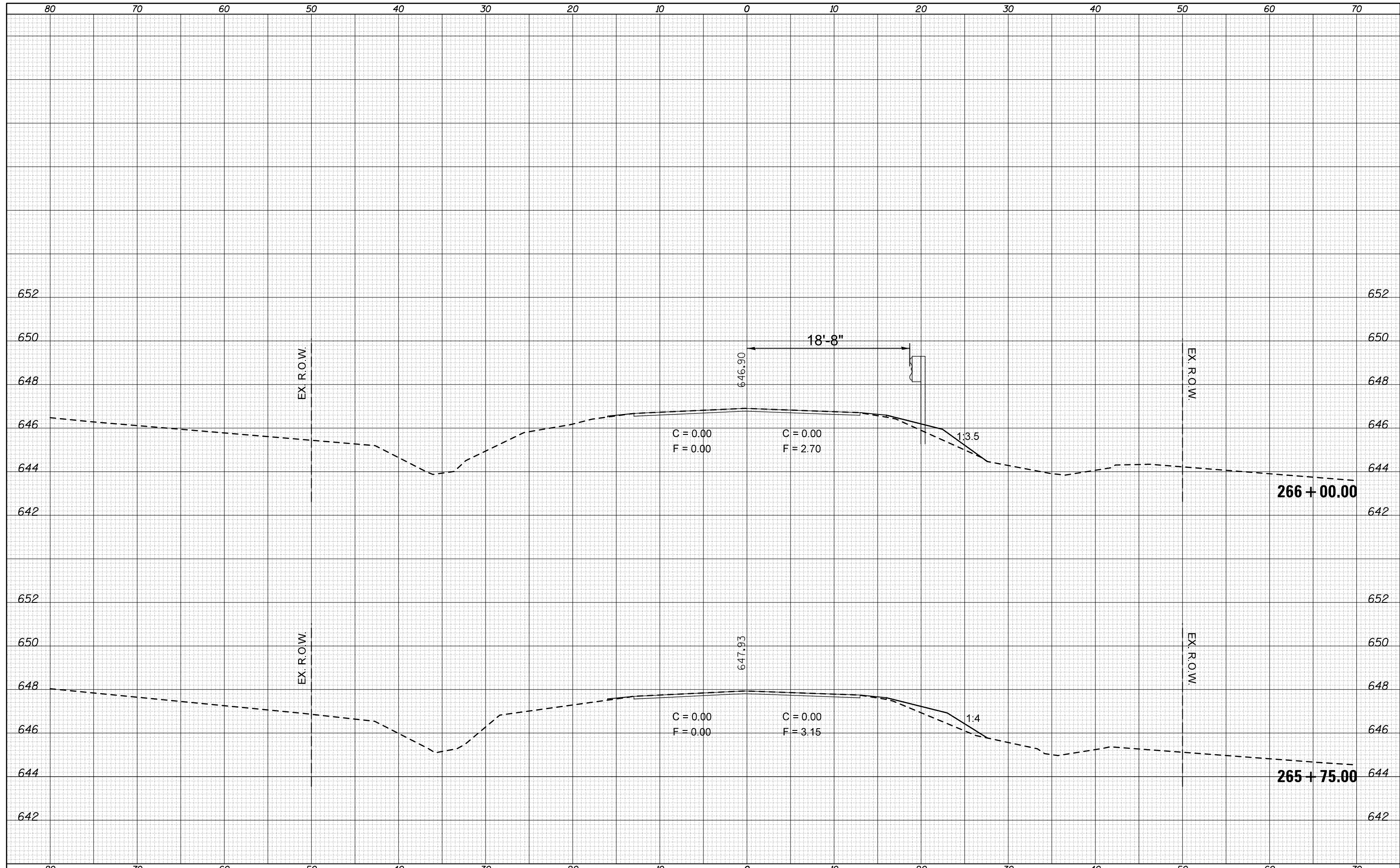
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

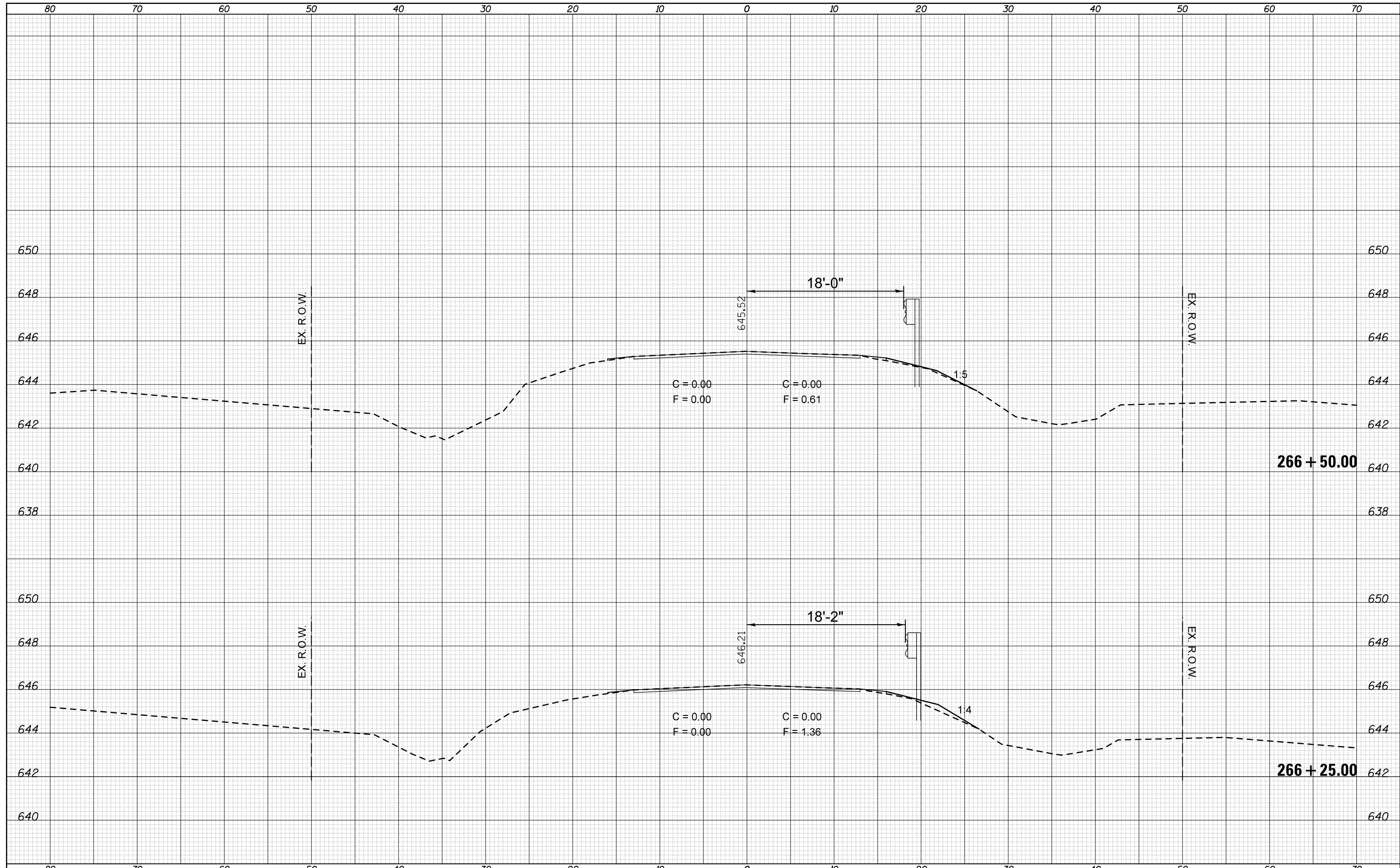
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10IRS	MCLEAN	225	88
CONTRACT NO. 70783				

ILLINOIS FED. AID PROJECT

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NOTE BOOK	PLOTTED
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

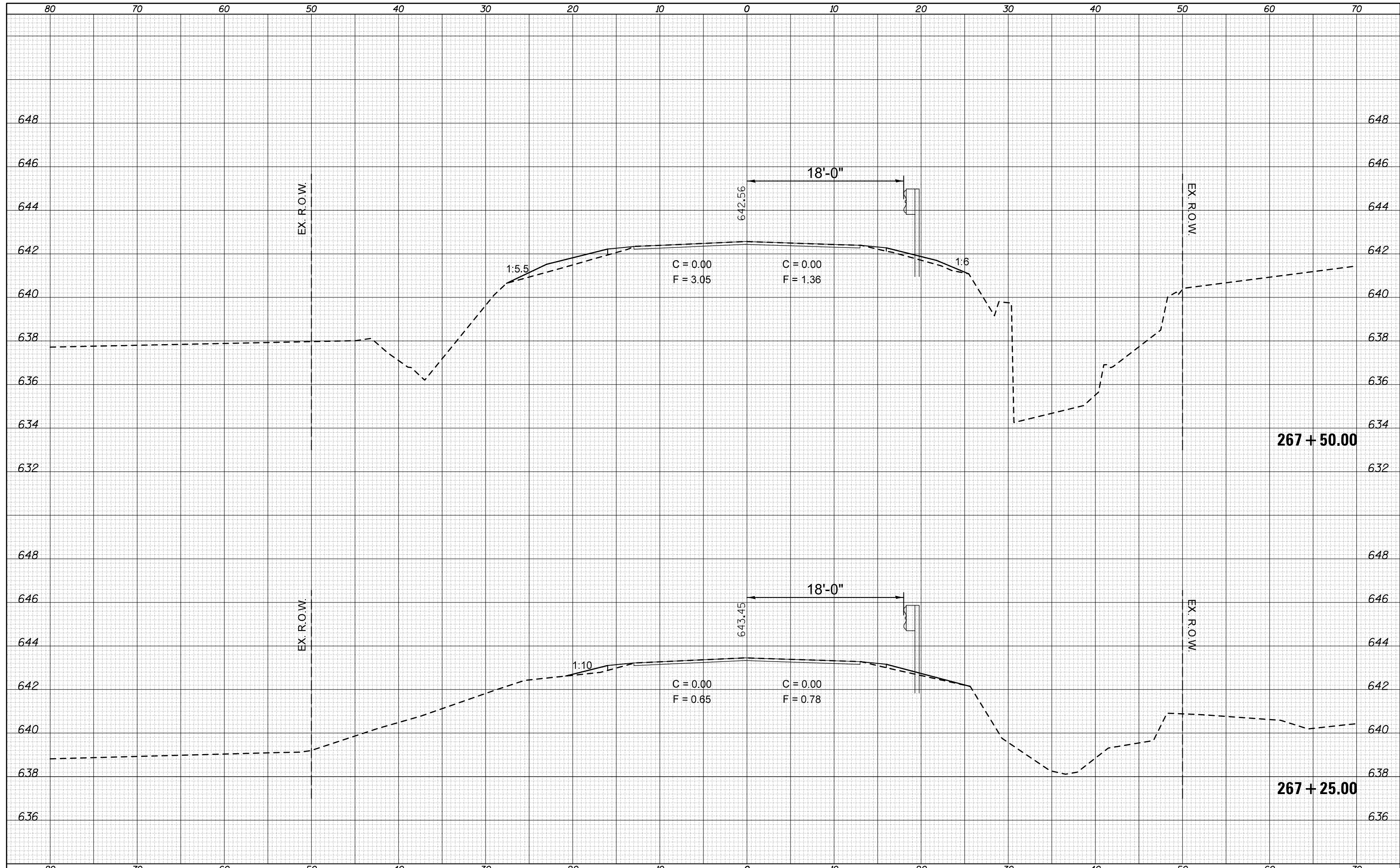
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	MCLEAN	225	89
CONTRACT NO. 70783				

ILLINOIS FED. AID PROJECT

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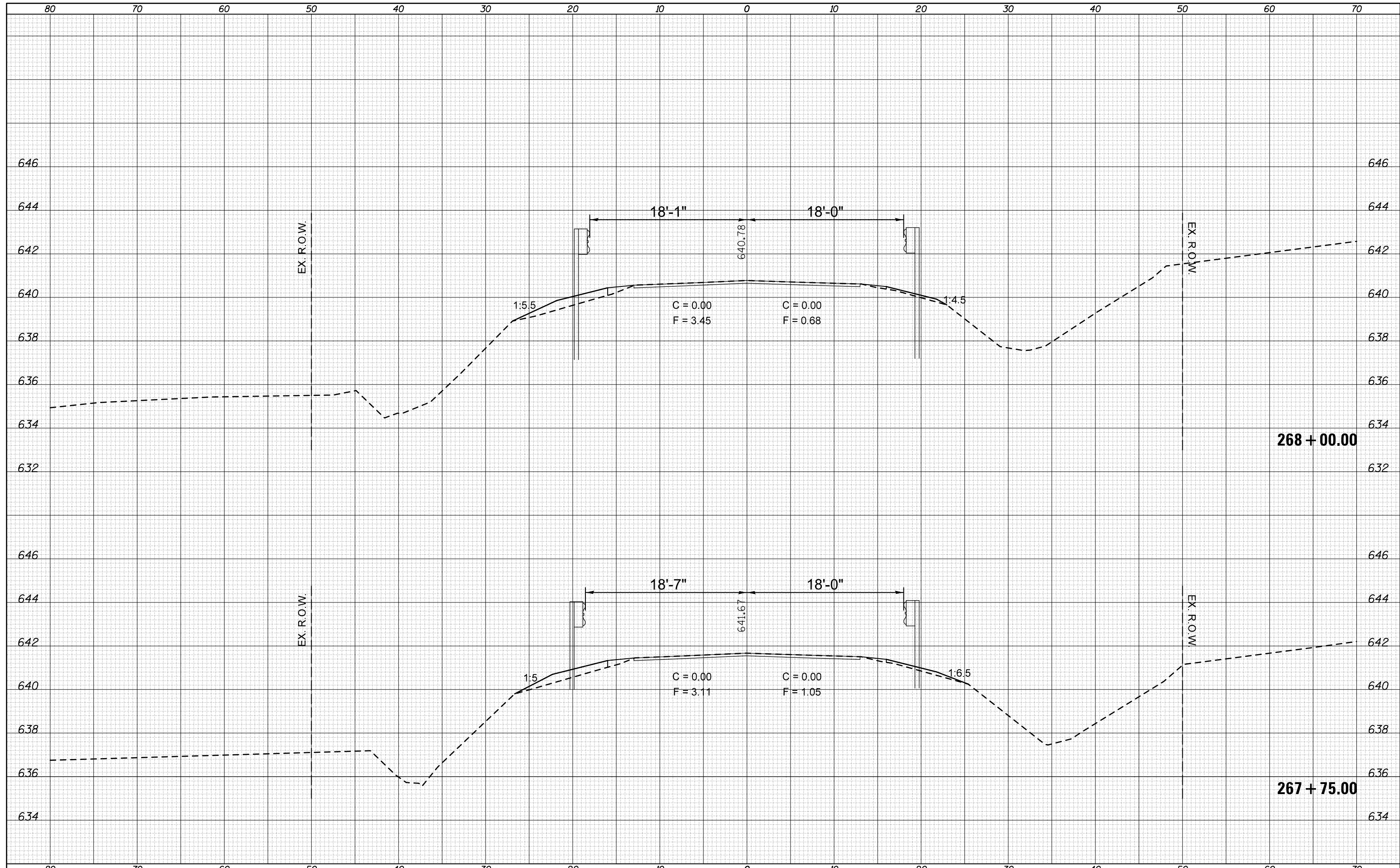
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	MCLEAN	225	91
CONTRACT NO.			70783	
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

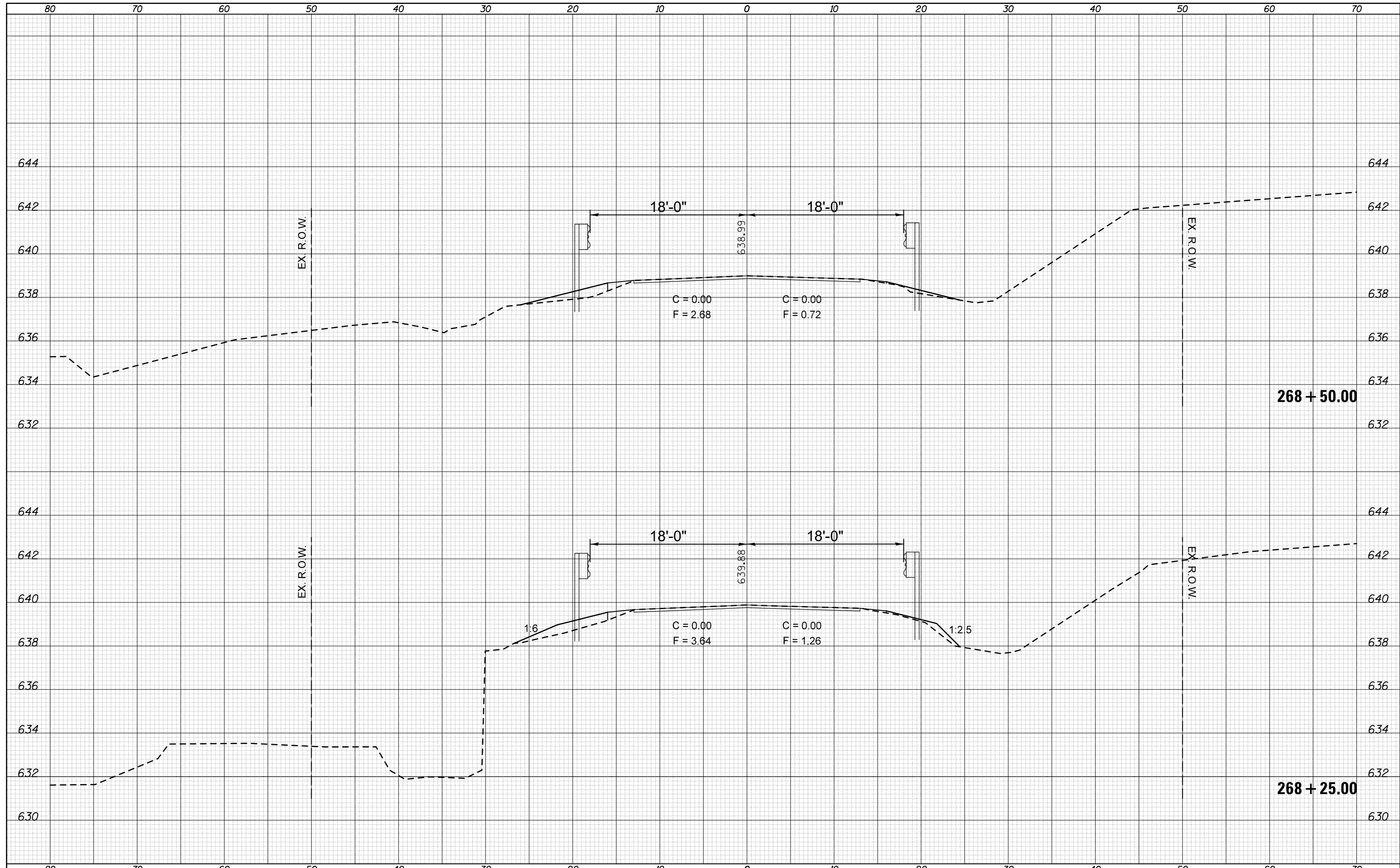
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10IRS	MCLEAN	225	92
CONTRACT NO. 70783				

ILLINOIS FED. AID PROJECT

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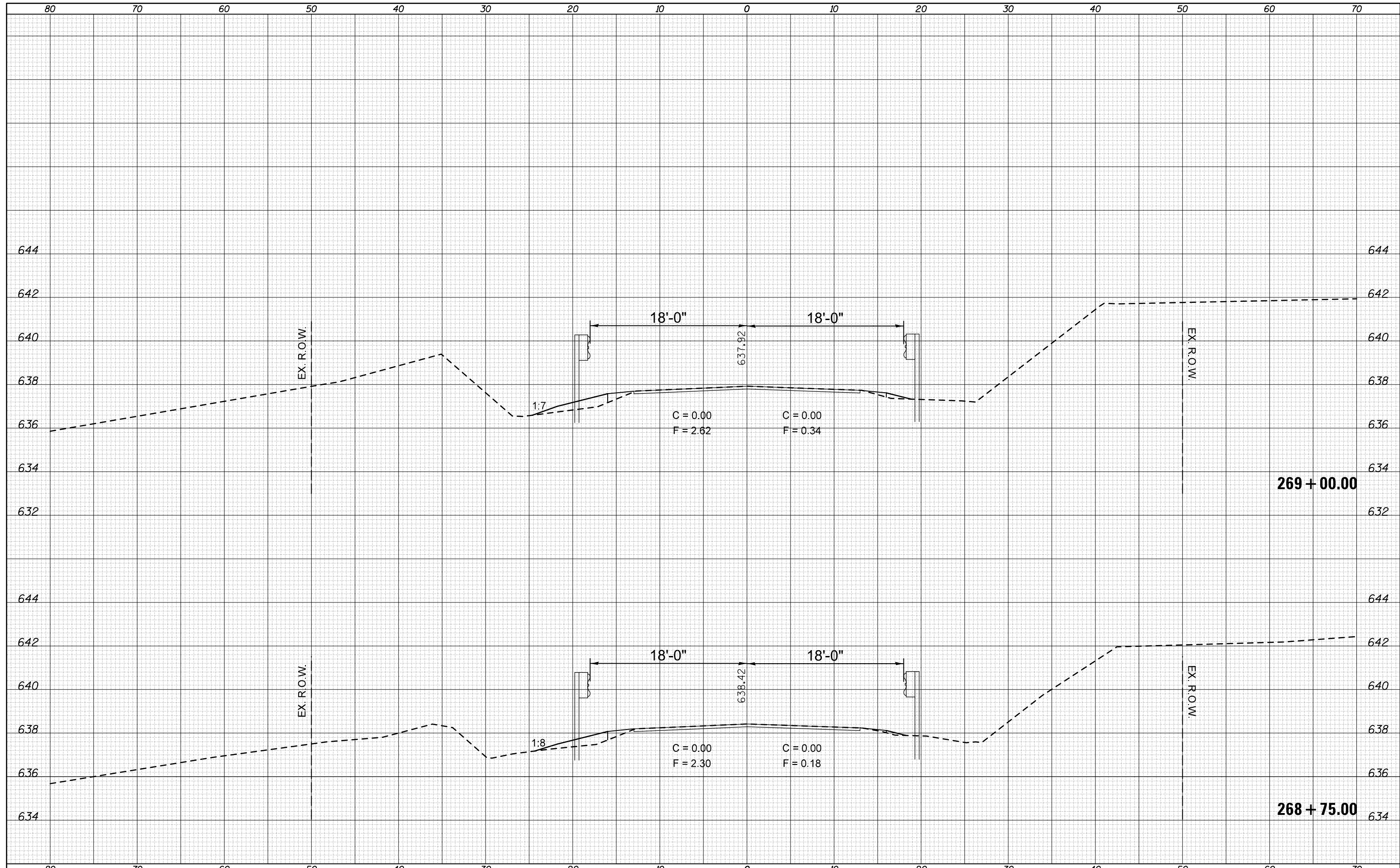
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10JRS	MCLEAN	225	93
CONTRACT NO. 70783			ILLINOIS FED. AID PROJECT	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

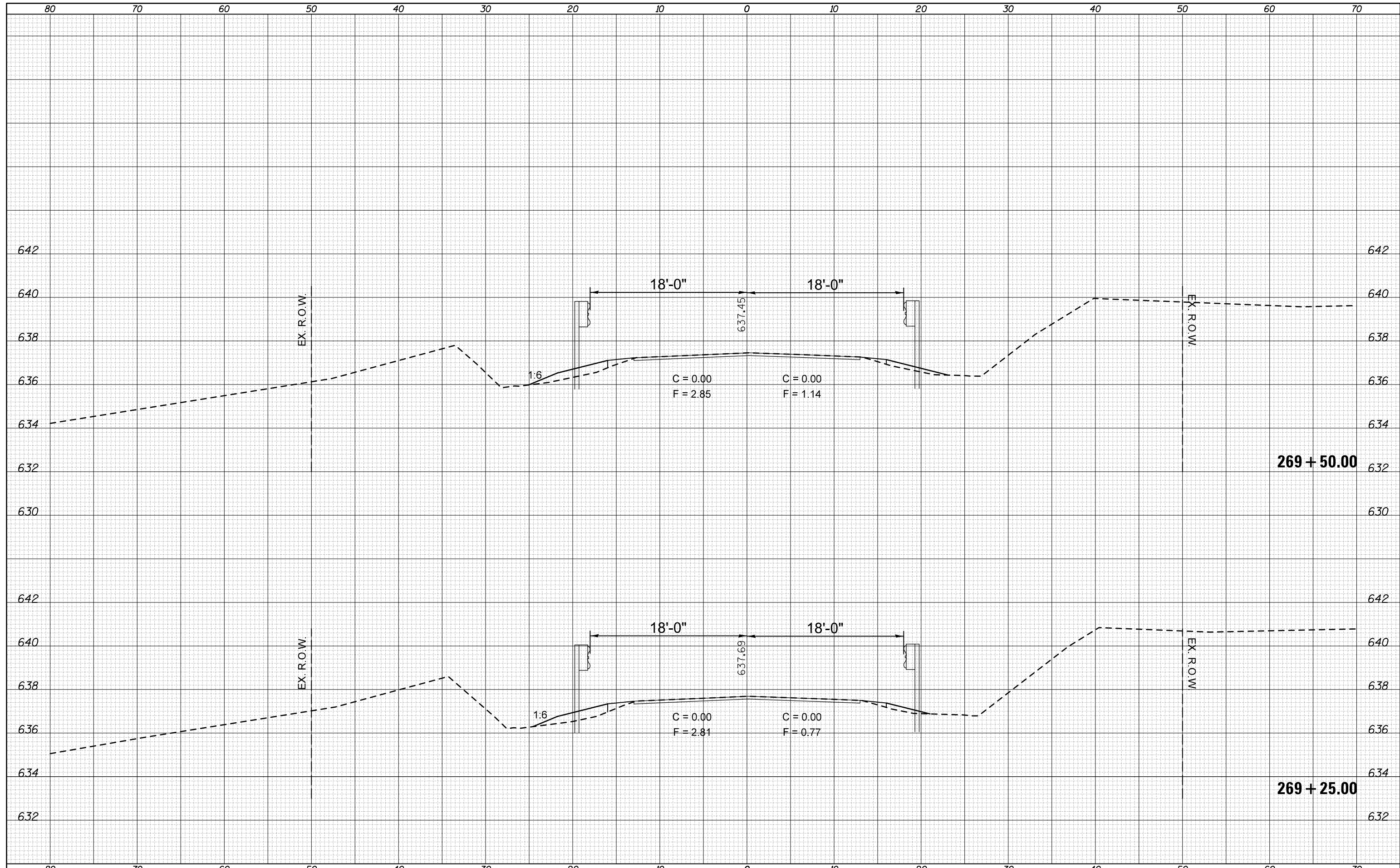
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	MCLEAN	225	94
CONTRACT NO. 70783				

ILLINOIS FED. AID PROJECT

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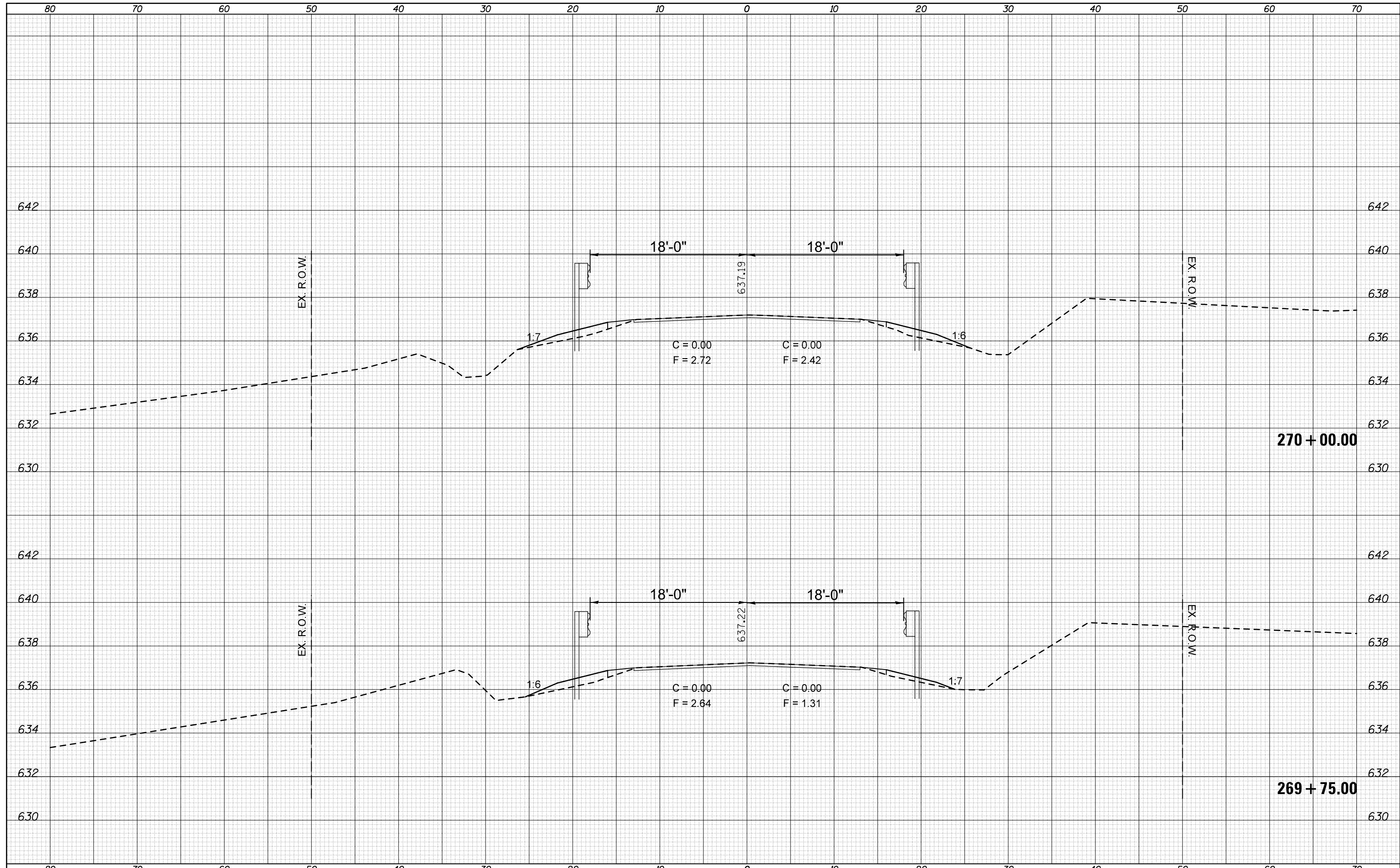
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&(57-10)RS	MCLEAN	225	95
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

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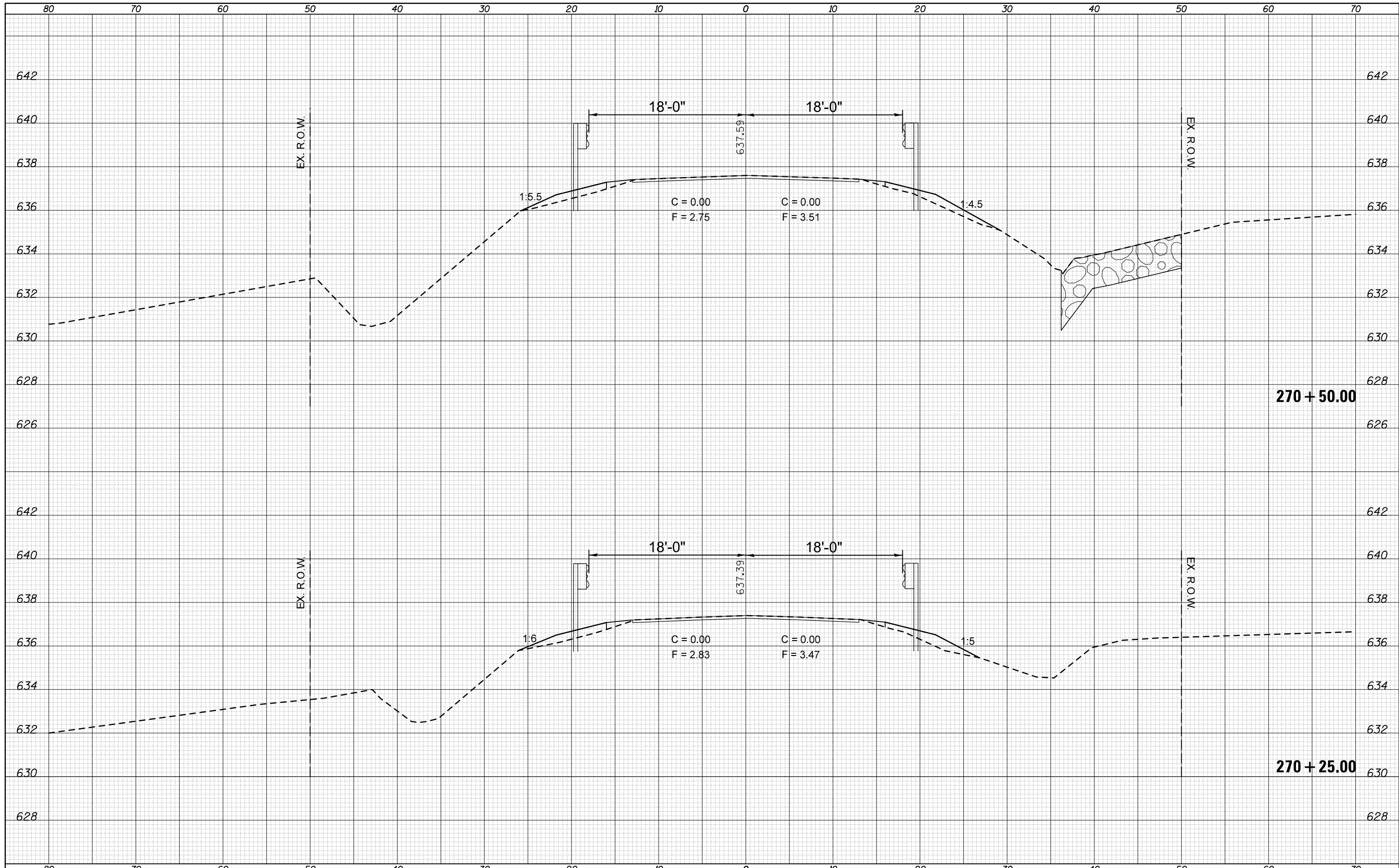
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	MCLEAN	225	96
				CONTRACT NO. 70783
ILLINOIS FED. AID PROJECT				

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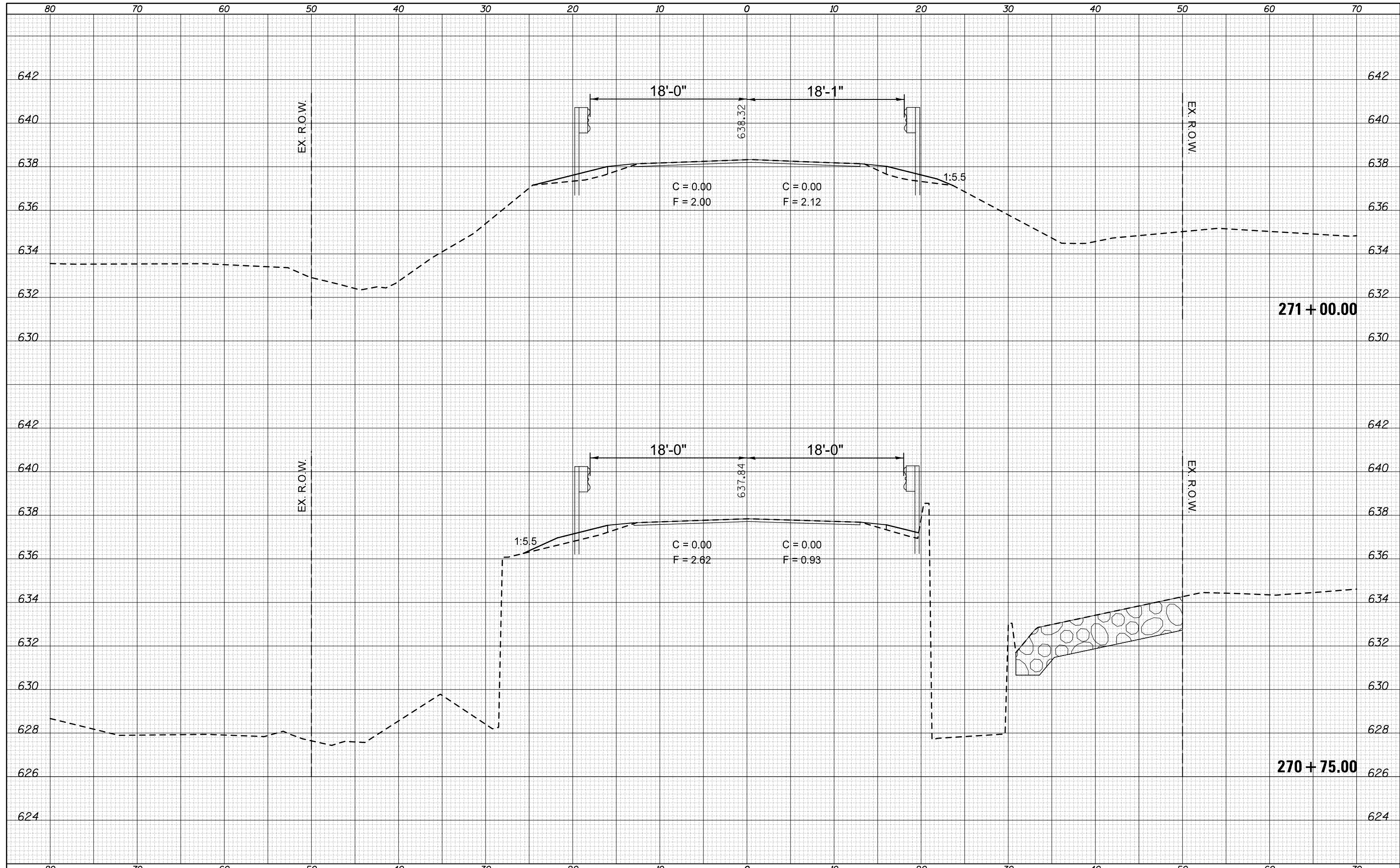
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	MCLEAN	225	97
CONTRACT NO. 70783			ILLINOIS FED. AID PROJECT	

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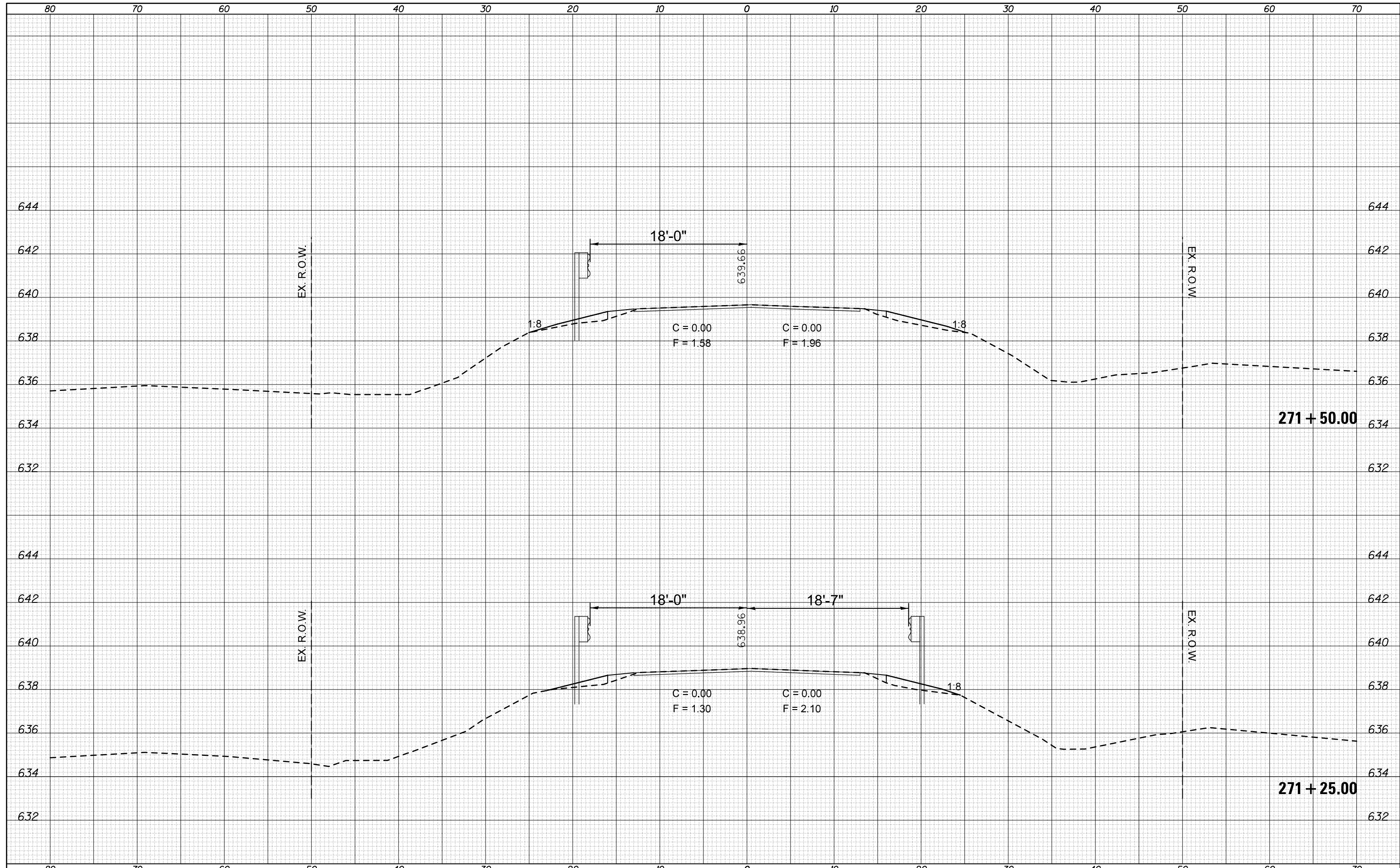
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	MCLEAN	225	98
CONTRACT NO. 70783				
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY NOTE BOOK NO.	

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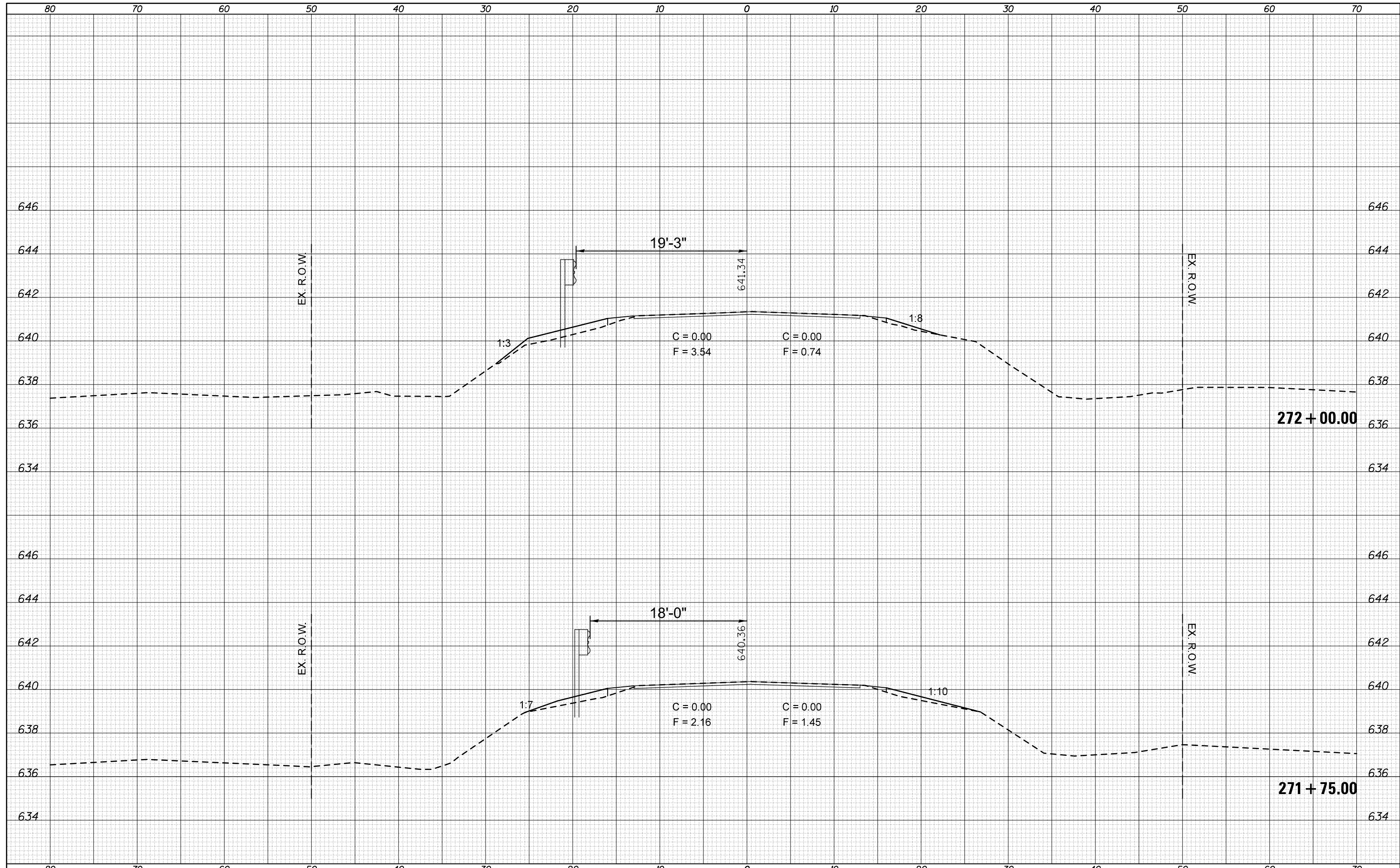
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	MCLEAN	225	99
CONTRACT NO. 70783			ILLINOIS FED. AID PROJECT	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	119RS-4,18RS&57-10RS	MCLEAN	225	100
CONTRACT NO. 70783			ILLINOIS FED. AID PROJECT	