

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	1
		ILLINOIS	CONTRACT NO. 70789	

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR HIGHWAY STANDARDS LIST, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-14

OMISSIONS

SN 010-0175
STA 430+69.49
HIGH CROSS ROAD /I-74
EB VC = 16'-1"
WB VC = 16'-0"

SN 010-0027
SN 010-0028
WB STA 688+84.71 TO 691+02.75
EB STA 689+20.34 TO 691+38.76

SN 010-0177
STA 483+83.09
1700E /I-74
EB VC = 15'-10"
WB VC = 15'-7"

SN 010-0029
SN 010-0030
WB STA 738+20.58 TO 740+24.75
EB STA 738+19.92 TO 740+24.72

SN 010-0288
STA 536+96.70
1800E /I-74
EB VC = 17'-6"
WB VC = 17'-4"

SN 010-0031
SN 010-0032
WB STA 857+01.27 TO 859+20.34
EB STA 856+77.68 TO 858+96.04

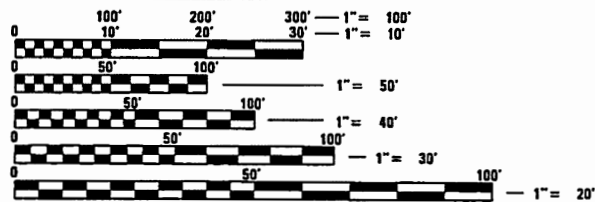
SN 010-0285
STA 592+57.00
1900E /I-74
EB VC = 17'-4"
WB VC = 17'-5"

SN 010-0089
STA 762+00.00
CH 12 /I-74
EB VC = 15'-8"
WB VC = 15'-5"

SN 010-0180
STA 645+81.00
2000E /I-74
EB VC = 15'-0"
WB VC = 14'-9"

SN 010-0182
STA 832+31.50
2350E /I-74
EB VC = 17'-3"
WB VC = 17'-4"

DESIGN DESIGNATION
INTERSTATE



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

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

TOWNSHIPS: URBANA, CUNNINGHAM, ST. JOSEPH, OGDEN
PROJECT ENGINEER JASON STULTS, P.E.
PROJECT MANAGER AVOREE GORE, P.E.
(217) 465-4181

CONTRACT NO. 70789

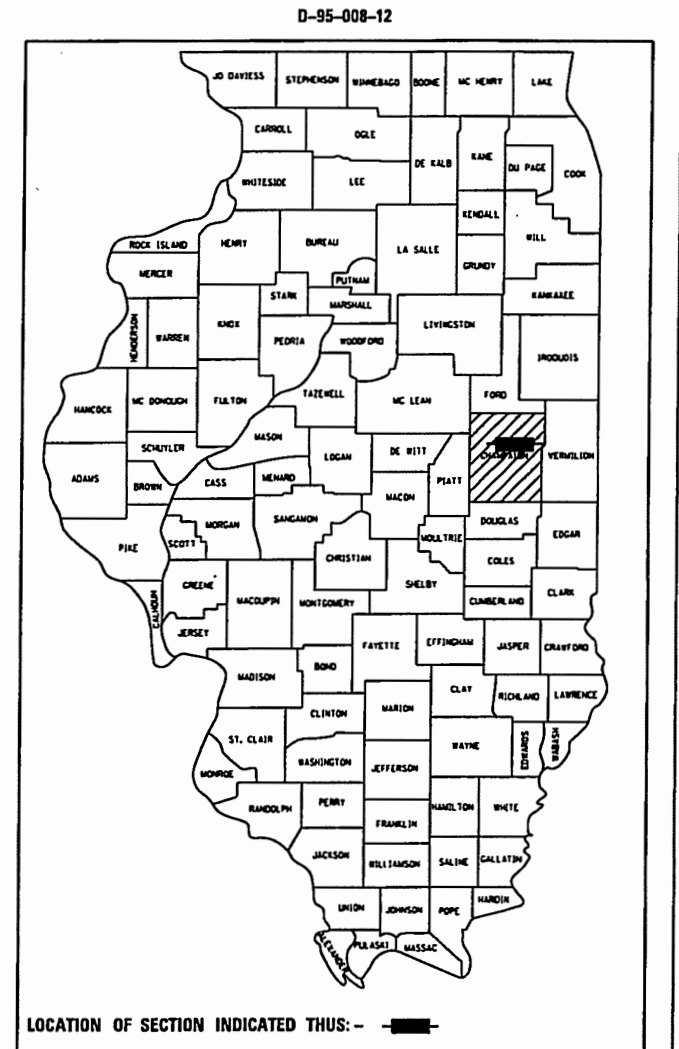
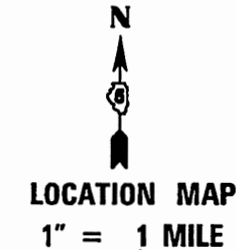
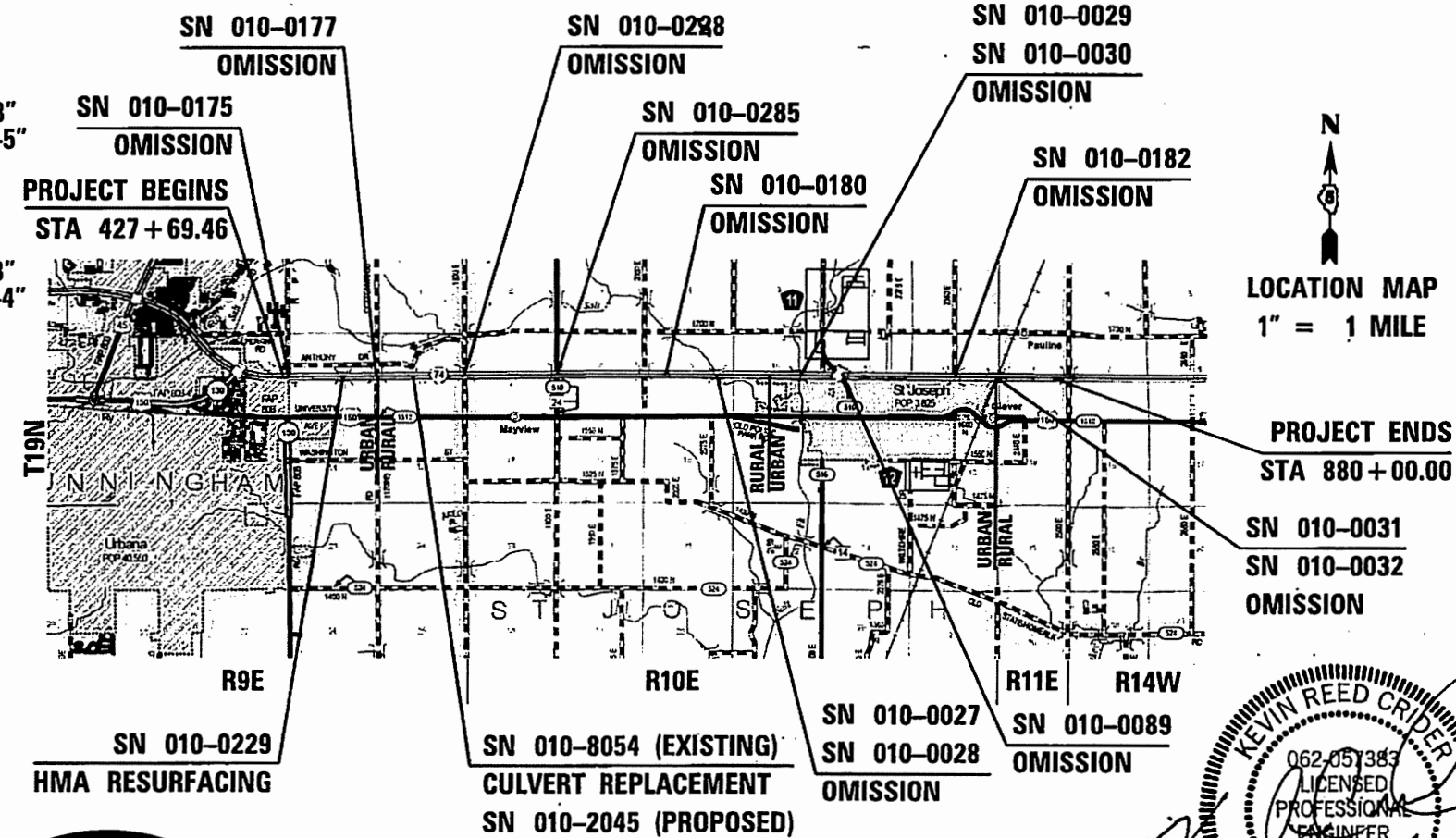


**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 74 (I-74)
SECTION 10-6RS-4 & 10-7RS-3
PROJECT NHPP-X6CH(065)
RESURFACING (INT-3RD) & CULVERT (NEW)
CHAMPAIGN COUNTY

C-95-008-12

UNIVERSITY AVE IN URBANA TO 2 MIE OF ST JOSEPH INTCHG.



FUNCTIONAL CLASSIFICATION
PRINCIPAL ARTERIAL (INTERSTATE)

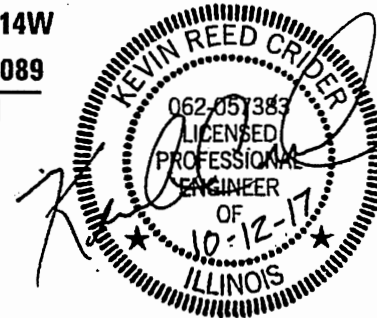
UNIVERSITY AVE. TO ST. JOSEPH	ST. JOSEPH TO 1.3 MILES EAST
2017 ADT = 32,200	2017 ADT = 27,700
P.V. = 78.9%	P.V. = 74.5%
S.U. = 3.4%	S.U. = 3.8%
M.U. = 17.7%	M.U. = 21.7%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 19 20 17
Paula James REGIONAL ENGINEER

Nov 30 20 17
Maurice M. Addis ENGINEER OF DESIGN AND ENVIRONMENT

Nov 30 20 17
Paula James DIRECTOR OF PROGRAM DEVELOPMENT



PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GROSS LENGTH = 45,230.54 FT. = 8.566 MILE
NET LENGTH = 44,588.96 FT. = 8.445 MILE

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS & LIST OF STANDARDS
3	GENERAL NOTES, COMMITMENTS, & LEGEND
4 TO 14	SUMMARY OF QUANTITIES
15 TO 17	TYPICAL SECTIONS
18 TO 32	SCHEDULES OF QUANTITIES
33 TO 37	ALIGNMENT, TIES, AND BENCHMARKS
38 TO 62	PLAN SHEETS
63 TO 74	MAINTENANCE OF TRAFFIC PLANS
75	LIGHTING PLANS
76 TO 82	STRUCTURE PLANS: SN 010-2045
83 TO 106	DETAILS
107 TO 109	CROSS SECTIONS

LIST OF STANDARDS

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
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442101-08	CLASS B PATCHES
515001-03	NAME PLATE FOR BRIDGES
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE DRAIN
602301-04	INLET - TYPE A
604001-04	FRAME AND LIDS TYPE 1
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
631032-09	TRAFFIC BARRIER TERMINAL, TYPE 6A
642001-02	SHOULDER RUMBLE STRIPS, 16 in.
667101-02	PERMANENT SURVEY MARKERS
701006-05	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701400-09	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-11	LANE CLOSURE, FREEWAY / EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY / EXPRESSWAY, WITH BARRIER
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY / EXPRESSWAY
701456-05	PARTIAL EXT RAMP CLOSURE FREEWAY/ EXPRESSWAY
701901-07	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
821101-02	LUMINAIRE WIRING DIAGRAM
825011-03	LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
838001-01	BREAKAWAY DEVICES
701406-11	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY

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.-100B MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.
- G.N.-105.07C EXISTING STATE-OWNED AND MAINTAINED UNDERGROUND UTILITY FACILITIES EXIST WITHIN THE ROW. THE DEPARTMENT IS NOT A MEMBER OF JULIE AND DOES NOT LOCATE IT'S OWN FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE AT THEIR OWN EXPENSE FOR SECURING AN APPROVED LOCATING FIRM TO LOCATE ALL EXISTING IDOT UNDERGROUND FACILITIES PRIOR TO COMMENCING ANY EXCAVATION, PER THE REQUIREMENTS OF ARTICLE 803 OF THE STANDARD SPECIFICATIONS. UTILITY LOCATES MAY ALSO BE REQUIRED OUTSIDE THE PROJECT LIMITS, SUCH AS FOR TRAFFIC CONTROL SIGNING AND OTHER ITEMS. THE CONTRACTOR MAY OBTAIN, ON REQUEST, PLANS OF EXISTING ELECTRICAL FACILITIES FROM THE DEPARTMENT. FOR FURTHER INFORMATION, THE CONTRACTOR MAY CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER, GARY SIMS, AT 217-251-4859.

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR LOCATING AND PROVIDING PROTECTION FOR FACILITIES DURING ALL PHASES OF CONSTRUCTION. IF, AT ANY TIME, THE FACILITIES ARE DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DEPARTMENT AND MAKE ALL NECESSARY ARRANGEMENTS FOR REPAIR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT BID PRICE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- G.N.-105.09A ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)
- G.N.-250C SEEDING, CLASS 7 AND MULCH, METHOD 2 IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE CLASS 7 SEEDING AND MULCH WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.
- G.N.-280 TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DISTURBED EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH AT THE TIME OF THEIR COMPLETION.
- G.N.-280A THE VARIOUS MULCH PAY ITEMS IN THE PLANS INCLUDE QUANTITIES FOR TEMPORARY MULCH FOR EROSION CONTROL. THE TEMPORARY MULCH INCLUDES MAINTENANCE AND REMOVAL IF NECESSARY, PER THE REQUIREMENTS OF ARTICLE 280 OF THE STANDARD SPECIFICATIONS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SOME OR ALL OF THE MULCH USED AS TEMPORARY EROSION CONTROL WILL BE DELETED IF IT IS NOT NECESSARY DUE TO ESTABLISHMENT OF PERMANENT SEEDING.
- G.N.-406 THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.
- G.N.-406.10 WHEN BEGINNING THE RESURFACING WITH NEW MIXTURES FOR LEVELING BINDER, BINDER COURSE, AND SURFACE COURSE MIXTURES, THE WORK WILL BE CONFINED TO THE INSIDE TRAFFIC LANE (PASSING LANE) FIRST. THE WORK WILL REMAIN ON THE INSIDE LANE UNTIL THE MIX HAS BEEN ADJUSTED AND APPROVED BY THE ENGINEER BEFORE ANY RESURFACING IS ALLOWED ON THE OUTSIDE (DRIVING) TRAFFIC LANE(S).

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

- G.N.-442B 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 THE FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.
- G.N.-482 ALL LOW ESAL MIXTURE PLACED AS HOT-MIX ASPHALT SHOULDERS SHALL BE COMPACTED TO 94.0 - 98.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY. THIS REQUIREMENT SHALL APPLY TO IL 9.5L GRADATION MIXES. THIS MAXIMUM DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE OF FOUR TESTS AS IN OTHER QC/OA TESTING. A NUCLEAR GAUGE DENSITY/CORE CORRELATION SHALL BE PERFORMED FOR THE IL 9.5L USING STANDARD CORRELATION PROCEDURES WHEN MORE THAN 3,000 TONS ARE TO BE PLACED.
- G.N.-540 THE CONTRACTOR SHALL ASSEMBLE AND MATCH-MARK THE PRECAST BOX CULVERT SECTIONS AND END SECTIONS PRIOR TO SHIPMENT OF THESE COMPONENTS FROM THE MANUFACTURER, AND AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER FIT ON EACH JOINT. ANY SECTIONS OR END SECTIONS WHICH DO NOT PROVIDE A PROPER FIT AT THE JOINT SHALL BE REJECTED BY THE ENGINEER AND REPLACED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION BEING ALLOWED

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR PRECAST CONCRETE BOX CULVERTS OF THE SIZE SPECIFIED.
- G.N.-542 BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT PIPE LENGTHS.
- G.N.-550 BEFORE ORDERING STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.
- G.N.-609 PRIOR TO ROUTING TRAFFIC ONTO THE SHOULDERS AS SHOWN IN THE STAGING PLANS, THE CONTRACTOR SHALL SECURE THE GRATINGS ON SHOULDER INLETS AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
- G.N.-667 THE RESIDENT ENGINEER SHALL CONTACT 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 (MACHING METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).
- G.N.-781 RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9M) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).
- G.N.-1004.01 COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.
- G.N.-Z0038 AN ALUMINUM TABLE OF THE TYPE SHOWN ON STANDARD 667101 SHALL BE PLACED ON THE PROPOSED STRUCTURE AS DIRECTED BY THE ENGINEER. THE BECHMARK ELEVATION WILL BE ESTABLISHED AND MARKED BY THE DEPARTMENT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR PERMANENT BENCHMARKS.

G.N.-406H MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	MAINLINE LANE PAVEMENT -SURFACE	MAINLINE LANE PAVEMENT -BINDER & FULL DEPTH BINDER	MAINLINE SHOULDER PAVEMENT -SURFACE	RAMP LANE PAVEMENT -SURFACE	RAMP SHOULDER PAVEMENT -SURFACE	BOTTOM 6 1/2" HMA SHOULDER 8" & SHLDR REM. & REPLACE OVER UNDERDRAINS
MIXTURE USE(S):	POLYMERIZED SURFACE COURSE	POLYMERIZED BINDER COURSE	SURFACE COURSE + INCID.	POLYMERIZED SURFACE COURSE	SURFACE COURSE	
AC/PG:	SBS PG 70-22	SBS PG 70-22	PG 64-22	SBS PG 70-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN	4.0%, 90 GYRATION DESIGN	4.0%, 30 GYRATION DESIGN	4.0%, 50 GYRATION DESIGN	4.0%, 30 GYRATION DESIGN	4.0%, 50 GYRATION DESIGN
MIXTURE COMP (GRADATION)	IL 9.5	IL-19.0	IL 9.5L	IL 9.5	IL 9.5L	IL 19.0
FRICTION AGGREGATE:	MIX "E"	N/A	MIX "C"	MIX "E"	MIX "C"	N/A
MIXTURE WEIGHT	112 LB/SY	112 LB/SY	112 LB/SY	112 LB/SY	112 LB/SY	112 LB/SY
QUALITY MANAGEMENT PROGRAM	PPF	PPF	QC/OA	PPF	QC/OA	QC/OA
SUBLOT SIZE	1000	1000	N.A.	1000	N.A.	N.A.

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS CONTRACT

MATERIAL TRANSFER DEVICE INFORMATION

BASED ON STRUCTURAL ANALYSIS, MTD USAGE OVER STRUCTURES IS AS FOLLOWS:

ONLY AN EMPTY MTD MAY PASS OVER STRUCTURES: 010-0027, 010-0028, 010-0029, 010-0030, 010-0031, 010-0032 & 010-0033.

NO MTD IS ALLOWED TO PASS OVER SN 010-0229

RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOCATION	FAI 74 (I-74)	FAI 74 (I-74)	FAI 74 (I-74)
				COUNTY	INTERSTATE	INTERSTATE	INTERSTATE
				FUNDING	**	***	****
					CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	
				ROADWAY	BOX CULVERT	ROADWAY	
				0006	0004	0006	
				RURAL	S.N. 010-2045	URBAN	
20200100	EARTH EXCAVATION	CU YD	160		160		
20400800	FURNISHED EXCAVATION	CU YD	235		235		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	515			515	
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	400		400		
21400100	GRADING AND SHAPING DITCHES	FOOT	3,642				3,642
25000210	SEEDING, CLASS 2A	ACRE	1.25		0.25		1.00
25000350	SEEDING, CLASS 7	ACRE	1.25		0.25		1.00
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	100		10		90
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	100		10		90
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	100		10		90
25100115	MULCH, METHOD 2	ACRE	2.25		0.25		2.00
25100630	EROSION CONTROL BLANKET	SQ YD	207		135		72
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	110		10		100
28000305	TEMPORARY DITCH CHECKS	FOOT	184		24		160

** STA 483+83.09 TO STA 699+66.60
 STA 858+71.50 TO STA 880+00.00
 *** STA 508+85.75
 **** STA 427+69.46 TO STA 483+83.09
 STA 699+66.60 TO STA 858+71.50

* SPECIALTY ITEM

14

FILE NAME = ...CAD_Sheets\0570789-sht-500.dgn	USER NAME = bmary	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT DATE = 10/13/2017 - 11:21:39 AM	DRAWN -	REVISED -						74	10-GRS-4 & 10-7RS-3	CHAMPAIGN	109	4
		CHECKED -	REVISED -		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -		CONTRACT NO. 70789								

P 11/

KURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOCATION	FAI 74 (I-74)	FAI 74 (I-74)	FAI 74 (I-74)
				COUNTY	INTERSTATE	INTERSTATE	INTERSTATE
				FUNDING	**	***	****
					CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	
				ROADWAY 0006 RURAL	BOX CULVERT 0004 S.N. 010-2045	ROADWAY 0006 URBAN	
28000400	PERIMETER EROSION BARRIER	FOOT	65		65		
28000500	INLET AND PIPE PROTECTION	EACH	43		27		16
28100201	STONE RIPRAP, CLASS A1	TON	583.1			583.1	
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	187		187		
28200200	FILTER FABRIC	SQ YD	187		187		
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	5,224		1,499		3,725
35400542	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 15 1/2"	SQ YD	50				50
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	192,147		98,579		93,568
40600990	TEMPORARY RAMP	SQ YD	486		241		245
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	28,321		15,128		13,193
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	TON	19,779		10,086		9,693
40701996	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 15 3/4"	SQ YD	14,212		5,545		8,667
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	55		18		37
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	21		7		14

** STA 483+83.09 TO STA 699+66.60
 ** STA 858+71.50 TO STA 880+00.00
 *** STA 508+85.75
 **** STA 427+69.46 TO STA 483+83.09
 **** STA 699+66.60 TO STA 858+71.50

* SPECIALTY ITEM

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DESIGNED -
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 DATE -
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 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70789	

REV

KuRAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOCATION	FAI 74 (I-74)	FAI 74 (I-74)	FAI 74 (I-74)
				COUNTY	INTERSTATE	INTERSTATE	INTERSTATE
				FUNDING	**	***	****
					CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	
				ROADWAY 0006 RURAL	BOX CULVERT 0004 S.N. 010-2045	ROADWAY 0006 URBAN	
44000100	PAVEMENT REMOVAL	SQ YD	13,119		5,119		8,000
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	19,203				19,203
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	152,190		82,174		70,016
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	224,766		120,061		104,705
44004250	PAVED SHOULDER REMOVAL	SQ YD	8,746		3,413		5,333
44200050	WELDED WIRE REINFORCEMENT	SQ YD	655		221		434
44201053	CLASS B PATCHES, TYPE IV, 17 INCH	SQ YD	533		120		413
44201055	CLASS B PATCHES, TYPE II, 17 INCH	SQ YD	1,795		923		872
44201057	CLASS B PATCHES, TYPE III, 17 INCH	SQ YD	121		101		20
44201299	DOWEL BARS 1 1/2"	EACH	4,460		2,300		2,160
44213200	SAW CUTS	FOOT	9,026		4,476		4,550
44213204	TIE BARS 3/4"	EACH	200		50		150
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	4,101		2045		2056
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	7,653		2,986		4,667

** STA 483+83.09 TO STA 699+66.60
 STA 858+71.50 TO STA 880+00.00
 *** STA 508+85.75
 **** STA 427+69.46 TO STA 483+83.09
 STA 699+66.60 TO STA 858+71.50

* SPECIALTY ITEM

FILE NAME = ...CAD_Sheets\0570789-sht-500.dgn	USER NAME = bemaery	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 100.0000' / 1" =	DRAWN -	REVISED -						74	10-GRS-4 & 10-7RS-3	CHAMPAIGN	109	6
	PLOT DATE = 10/19/2017 - 2:47:10 PM	CHECKED -	REVISED -		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -										

14

211

RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOCATION	FAI 74 (I-74)	FAI 74 (I-74)	FAI 74 (I-74)
				COUNTY	INTERSTATE	INTERSTATE	INTERSTATE
				FUNDING	**	***	****
					CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	
				ROADWAY 0006 RURAL	BOX CULVERT 0004 S.N. 010-2045	ROADWAY 0006 URBAN	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	15,631		8,052		7,579
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1			1	
50104400	CONCRETE HEADWALL REMOVAL	EACH	90		57		33
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	512			512	
51500100	NAME PLATES	EACH	1			1	
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1622			1622	
52200600	GEOTEXTILE RETAINING WALL	SQ FT	344			344	
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2			2	
54248510	CONCRETE COLLAR	CU YD	2		0.7		1.3
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	46		28		18
60100070	SHOULDER REMOVAL AND REPLACEMENT	FOOT	540		342		198
60100080	FRENCH DRAINS	CU YD	4		2		2
60100085	GEOTECHNICAL FABRIC FOR FRENCH DRAINS	SQ YD	23		9		14
60100915	PIPE DRAINS 6"	FOOT	2,095		1,528		567

** STA 483+83.09 TO STA 699+66.60
 STA 858+71.50 TO STA 880+00.00
 *** STA 508+85.75
 **** STA 427+69.46 TO STA 483+83.09
 STA 699+66.60 TO STA 858+71.50

* SPECIALTY ITEM

FILE NAME = ... \CAD_Sheets\0570789-aht-500.dgn	USER NAME = bemy	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	74						10-GRS-4 & 10-7RS-3	CHAMPAIGN	109	7	
PLOT DATE = 10/19/2017 - 2:48:04 PM	DATE -	REVISED -	SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT						
Default					CONTRACT NO. 70789								

REV

RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOCATION	FAI 74 (I-74)	FAI 74 (I-74)	FAI 74 (I-74)
				COUNTY	INTERSTATE	INTERSTATE	INTERSTATE
				FUNDING	**	***	****
					CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	
				ROADWAY 0006 RURAL	BOX CULVERT 0004 S.N. 010-2045	ROADWAY 0006 URBAN	
60107600	PIPE UNDERDRAINS 4"	FOOT	9,600		3,600		6,000
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	1,598		889		709
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	10,578		7,023		3,555
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	30		22		8
61101030	STORM SEWERS PROTECTED, CLASS A, 30"	FOOT	400			400	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	5,000.0		5,000.0		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2		2		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4		4		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	10		10		
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	4		4		
* 63200310	GUARDRAIL REMOVAL	FOOT	5,625.0		5,625.0		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	175,605		108,099		67,506
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	20				20
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1				1

** STA 483+83.09 TO STA 699+66.60
 ** STA 858+71.50 TO STA 880+00.00
 *** STA 508+85.75
 *** STA 427+69.46 TO STA 483+83.09
 *** STA 699+66.60 TO STA 858+71.50

* SPECIALTY ITEM

FILE NAME =	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...CAD_Sheets\0570789-ght-500.dgn		DRAWN -	REVISED -						74	10-GRS-4 & 10-TRS-3	CHAMPAIGN	109	8
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	PLOT DATE = 10/18/2017 - 10:48:29 AM	DATE -	REVISED -										

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RURAL

** STA 483+83.09 TO STA 699+66.60
 ** STA 858+71.50 TO STA 880+00.00
 *** STA 508+85.75
 *** STA 427+69.46 TO STA 483+83.09
 *** STA 699+66.60 TO STA 858+71.50

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOCATION	FAI 74 (I-74)	FAI 74 (I-74)	FAI 74 (I-74)
				COUNTY	INTERSTATE	INTERSTATE	INTERSTATE
				FUNDING	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				ROADWAY	0006	BOX CULVERT	ROADWAY
				RURAL	0004	S.N. 010-2045	URBAN
66900530	SOIL DISPOSAL ANALYSIS	EACH	1				1
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	9	4		1	4
67100100	MOBILIZATION	LSUM	1	0.4		0.2	0.4
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	8	4			4
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4				4
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1			
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	LSUM	1	0.4		0.2	0.4
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	LSUM	1	0.5			0.5
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	LSUM	1				1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	275	110		55	110
70300100	SHORT TERM PAVEMENT MARKING	FOOT	72,376	37,944			34,432
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5,809	3,163			2,646
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	111				111
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	211,231	106,710			104,521

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* SPECIALTY ITEM

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RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOCATION		
				FAI 74 (I-74)	FAI 74 (I-74)	FAI 74 (I-74)
				INTERSTATE	INTERSTATE	INTERSTATE
				**	***	****
COUNTY				CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
FUNDING				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				ROADWAY 0006	BOX CULVERT 0004	ROADWAY 0006
				RURAL	S.N. 010-2045	URBAN
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	318			318
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	2,347			2,347
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	195			195
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	64			64
70400100	TEMPORARY CONCRETE BARRIER	FOOT	6,637.5	1,125.0		5,512.5
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	6,637.5	1,125.0		5,512.5
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	10	3		7
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	10	3		7
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	14	14		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	111			111
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	188,611	94,852		93,759
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	318			318
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2,347			2,347
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	195			195

** STA 483+83.09 TO STA 699+66.60
 ** STA 858+71.50 TO STA 880+00.00
 *** STA 508+85.75
 **** STA 427+69.46 TO STA 483+83.09
 **** STA 699+66.60 TO STA 858+71.50

* SPECIALTY ITEM

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	PLOT DATE = 10/13/2017 - 11:22:07 AM	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	10
			CONTRACT NO. 70789	
ILLINOIS FED. AID PROJECT				

14

2111

RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOCATION	FAI 74 (I-74)	FAI 74 (I-74)	FAI 74 (I-74)
				COUNTY	INTERSTATE	INTERSTATE	INTERSTATE
				FUNDING	**	***	****
					CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	
				ROADWAY 0006 RURAL	BOX CULVERT 0004 S.N. 010-2045	ROADWAY 0006 URBAN	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	64				64
* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	22,620	11,858			10,762
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2,354	1,188			1,166
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	83	83			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2,354	1,188			1,166
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1				1
* 82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1				1
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1				1
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1				1
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1				1
X0320157	CLEANING UNDERDRAIN OUTLETS	EACH	360	210			150
X0322128	MEMBRANE WATERPROOFING FOR BURIED STRUCTURES	SQ YD	673		673		
* X0325379	DIRECTIONAL BORING	FOOT	2,095	1,528			567
* X0327622	REMOVE AND REINSTALL HIGH TENSION CABLE MEDIAN BARRIER	FOOT	1,450	1,450			

** STA 483+83.09 TO STA 699+66.60
 STA 858+71.50 TO STA 880+00.00
 *** STA 508+85.75
 **** STA 427+69.46 TO STA 483+83.09
 STA 699+66.60 TO STA 858+71.50

* SPECIALTY ITEM

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FILE NAME = ...CAD_Sheets\0570789-ah-500.dgn	USER NAME = bamey	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 100.0000' / 1" / 1" / 1"	DRAWN -	REVISED -						74	10-GRS-4 & 10-TRS-3	CHAMPAIGN	109	11
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		DATE -	REVISED -										

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KW/KAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOCATION	FAI 74 (I-74)	FAI 74 (I-74)	FAI 74 (I-74)
				COUNTY	INTERSTATE	INTERSTATE	INTERSTATE
				FUNDING	**	***	****
					CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	
				ROADWAY 0006 RURAL	BOX CULVERT 0004 S.N. 010-2045	ROADWAY 0006 URBAN	
X0327640	REAL-TIME TRAFFIC CONTROL CENTRAL BASE UNIT	CAL MO	9		9		
X0327641	REAL-TIME TRAFFIC CONTROL SENSOR UNIT	CAL MO	135		72		63
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	102,723		51,379		51,344
X0795800	COARSE AGGREGATE	TON	1,450		963		487
* X1400113	LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH	12				12
X1400268	REMOVAL OF LIGHTING LUMINAIRE, SALVAGE	EACH	12				12
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	32		16		16
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	244		81		163
X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	444				444
X6061702	CONCRETE MEDIAN, TYPE SM (DOWELLED)	SQ FT	404				404
* X6310088	TRAFFIC BARRIER TERMINAL TYPE 6A (SPECIAL)	EACH	8		8		
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28		14		14
X7200201	WIDTH RESTRICTION SIGNING	LSUM	1		0.25		0.75
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	111				111

** STA 483+83.09 TO STA 699+66.60
 STA 858+71.50 TO STA 880+00.00
 *** STA 508+85.75
 **** STA 427+69.46 TO STA 483+83.09
 STA 699+66.60 TO STA 858+71.50

* SPECIALTY ITEM

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	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-GRS-4 & 10-7RS-3	CHAMPAIGN	109	12
			CONTRACT NO. 70789	
ILLINOIS FED. AID PROJECT				

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KURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LOCATION	FAI 74 (I-74)	FAI 74 (I-74)	FAI 74 (I-74)
				COUNTY	INTERSTATE	INTERSTATE	INTERSTATE
				FUNDING	**	***	****
					CHAMPAIGN	CHAMPAIGN	CHAMPAIGN
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	
				ROADWAY 0006 RURAL	BOX CULVERT	ROADWAY 0006 URBAN	
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	188,611		94,852		93,759
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	318				318
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	2,347				2,347
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	195				195
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	64				64
* XZ193300	SURVEY MARKER, TYPE 1 (SPECIAL)	EACH	6		4		2
Z0008758	AERIAL SPEED CHECK MARKING	FOOT	72		72		
Z0013798	CONSTRUCTION LAYOUT	LSUM	1		0.4	0.2	0.4
Z0025615	FURNISH AND INSTALL METAL SCREEN	EACH	12				12
Z0030900	INSPECTION WELLS	EACH	2		2		
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	91,134		46,942		44,192
Z0034105	MATERIAL TRANSFER DEVICE	TON	47,201		25,213		21,988
Z0038800	PERMANENT BENCH MARKS, TYPE I	EACH	1			1	
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	1,804		1150		654

** STA 483+83.09 TO STA 699+66.60
 STA 858+71.50 TO STA 880+00.00
 *** STA 508+85.75
 *** STA 427+69.46 TO STA 483+83.09
 *** STA 699+66.60 TO STA 858+71.50

* SPECIALTY ITEM

FILE NAME =	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...CAD_Sheets\0570789-sht-500.dgn		DRAWN -	REVISED -						74	10-GRS-4 & 10-TRS-3	CHAMPAIGN	109	13
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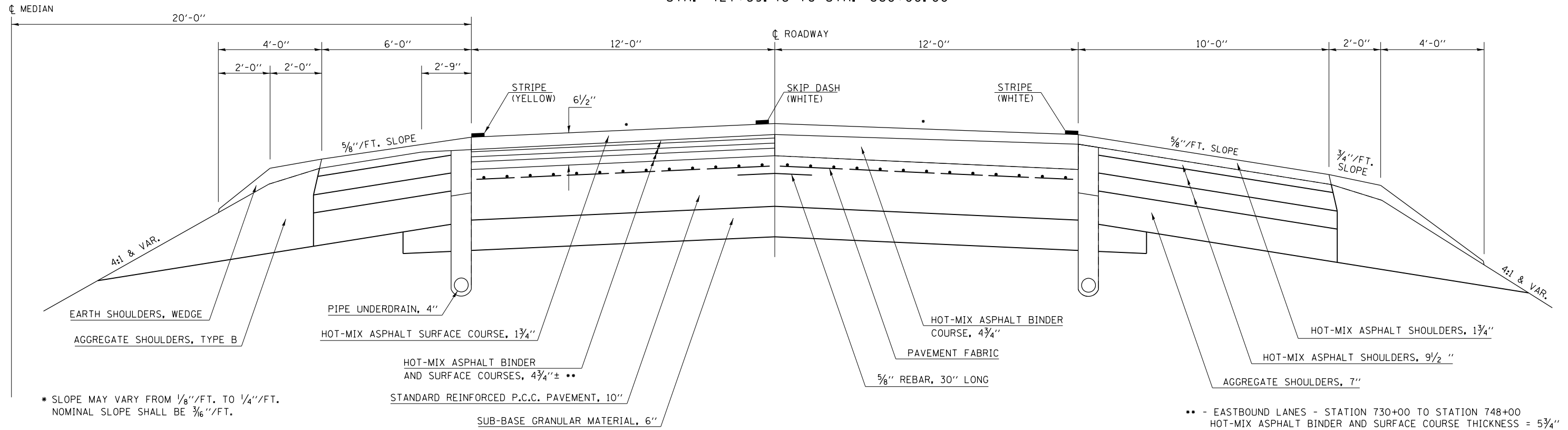
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RFL

EXISTING TYPICAL CROSS SECTION

F.A.I. 74

STA. 427+69.46 TO STA. 880+00.00



* SLOPE MAY VARY FROM 1/8" / FT. TO 1/4" / FT. NOMINAL SLOPE SHALL BE 3/16" / FT.

** - EASTBOUND LANES - STATION 730+00 TO STATION 748+00 HOT-MIX ASPHALT BINDER AND SURFACE COURSE THICKNESS = 5 3/4"

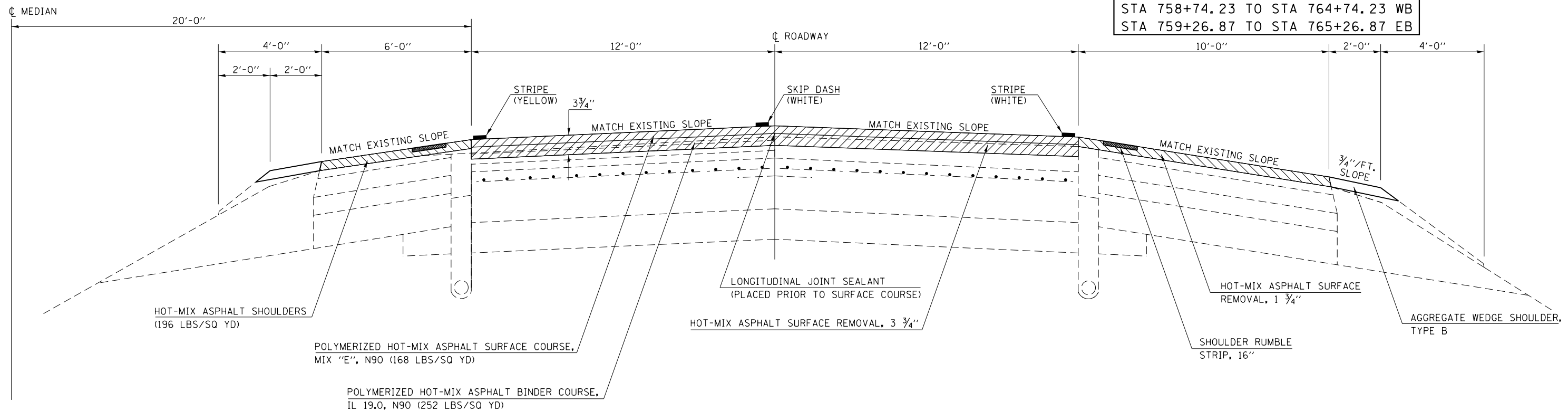
PROPOSED TYPICAL CROSS SECTION

F.A.I. 74

STA. 427+69.46 TO STA. 880+00.00

1

FULL-DEPTH HMA OMISSIONS:
 STA 427+69.46 TO STA 433+69.49
 STA 480+83.09 TO STA 486+83.09
 STA 508+51.90 TO STA 509+11.60
 STA 642+81.00 TO STA 648+81.00
 STA 758+74.23 TO STA 764+74.23 WB
 STA 759+26.87 TO STA 765+26.87 EB



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

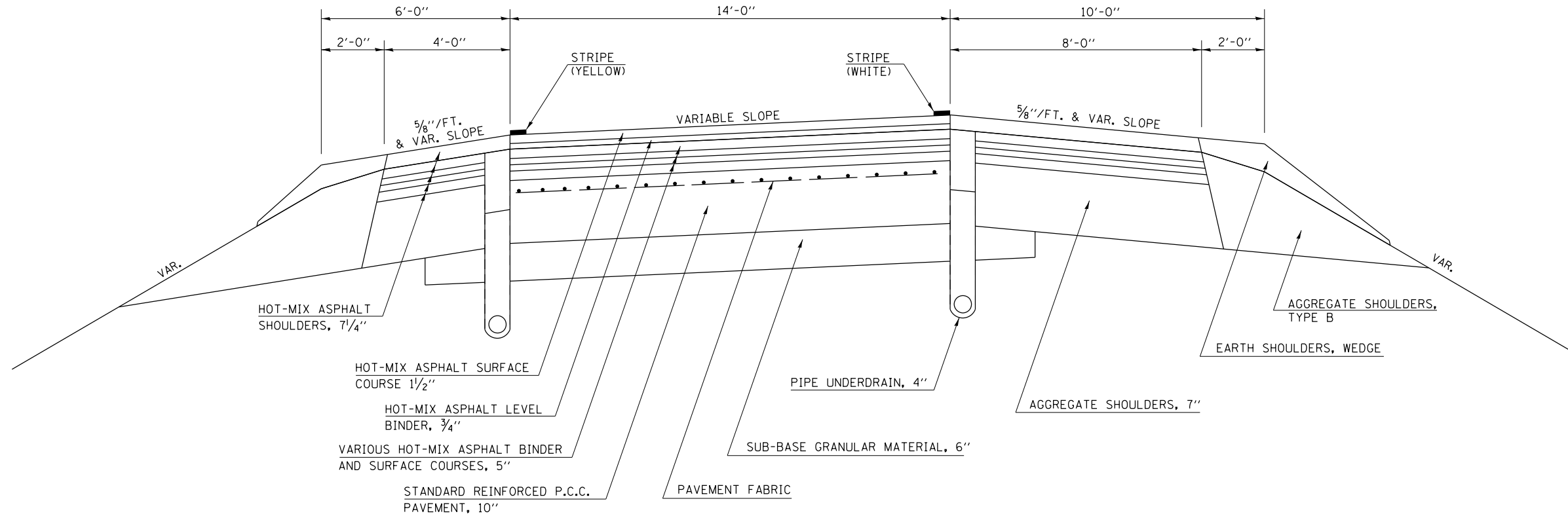
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	15
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION

F.A.I. 74 RAMPS

F. A. I. 74 & F. A. S. 516 INTERCHANGE RAMPS

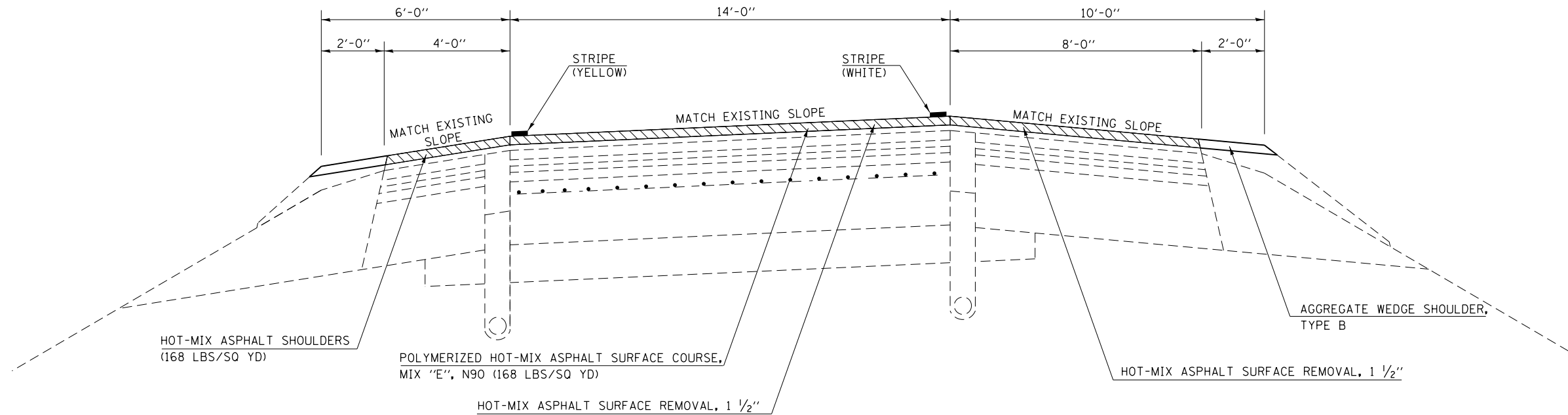


PROPOSED TYPICAL CROSS SECTION

F.A.I. 74 RAMPS

F. A. I. 74 & F. A. S. 516 (SA 12) INTERCHANGE RAMPS

2



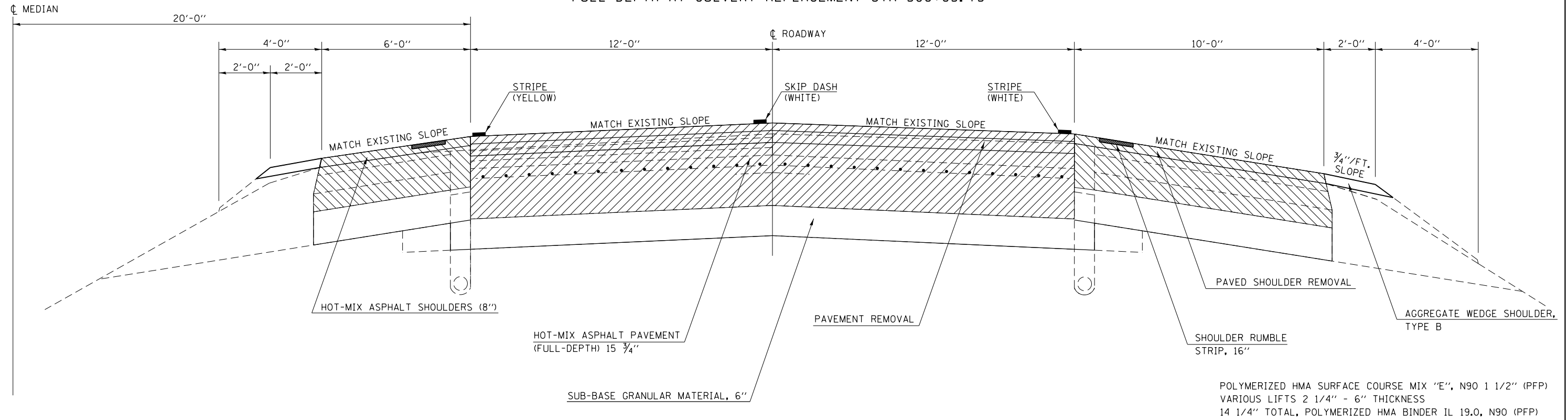
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Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.	74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	16
	PLOT DATE = 10/13/2017 - 11:22:59 AM	CHECKED -	REVISED -									CONTRACT NO. 70789				
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT				

PROPOSED TYPICAL CROSS SECTION

F.A.I. 74

3

FULL DEPTH AT CULVERT REPLACEMENT STA 508+85.75



FULL-DEPTH HMA OMISSIONS UNDER OVERHEAD STRUCTURES:
 SN 010-0175 STA 427+69.46 TO STA 433+69.49
 SN 010-0177 STA 480+83.09 TO STA 486+83.09
 SN 010-0180 STA 642+81.00 TO STA 648+81.00
 SN 010-0089 WB STA 758+74.23 TO STA 764+74.23
 SN 010-0089 EB STA 759+26.87 TO STA 765+26.87
 SEE DETAIL OF RESURFACING UNDERNEATH OVERHEAD STRUCTURES

PAVEMENT STRUCTURE DESIGN

STRUCTURAL DESIGN TRAFFIC: 35,719	YEAR 2028
PV = 28,183	SU = 1,214 MU = 6,322
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR: ACTUAL TF = 28.93	MINIMUM TF = 7.11
PG GRADE: TOP BINDER = SBS PG 70-22	LOWER BINDER = SBS PG 70-22
	SURFACE = SBS PG 70-22
SUBGRADE SUPPORT RATING:	SSR = POOR

REMOVAL

URBAN/ RURAL	LOCATION STATION TO STATION	COMMENT	PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	CONCRETE MEDIAN REMOVAL	GUARDRAIL REMOVAL
			44000100 SQ YD	44004250 SQ YD	44000155 SQ YD	44000156 SQ YD	44000164 SQ YD	X4403300 SQ FT	63200310 FOOT
CHAMPAIGN COUNTY									
I-74 EB									
URBAN	427+69.46 TO 433+69.49	SN 010-0175	1,600.0	1,066.7		666.7			
URBAN	433+69.49 TO 480+83.09				8,379.7	12,569.6			
URBAN	480+83.09 TO 483+83.09	SN 010-0177	800.0	533.3		333.3			
RURAL	483+83.09 TO 486+83.09	SN 010-0177	800.0	533.3		333.3			
RURAL	486+83.09 TO 508+51.90				3,855.7	5,783.4			
RURAL	508+51.90 TO 509+11.60	CULVERT	159.5	106.1		66.3			
RURAL	509+11.60 TO 642+81.00				23,767.8	35,651.8			
RURAL	642+81.00 TO 648+81.00	SN 010-0180	1,600.0	1,066.7		666.7			
RURAL	648+81.00 TO 689+20.34				7,181.1	10,771.6			
RURAL	691+10.69 TO 699+66.60				1,521.6	2,282.4			
URBAN	699+66.60 TO 738+19.92				6,850.4	10,275.6			
URBAN	740+24.72 TO 759+26.87				2,768.5	5,072.4			
URBAN	759+26.87 TO 765+26.87	SN 010-0089	1,600.0	1,066.7		666.7			
URBAN	765+26.87 TO 829+31.50				10,334.5	17,079.0			
URBAN	829+31.50 TO 835+31.50				1,066.7	1,600.0			
URBAN	835+31.50 TO 856+77.70				3,815.5	5,723.5			
RURAL	858+96.04 TO 880+00.00				3,740.3	5,610.6			
RAMP A									
URBAN	101+08.71 TO 118+17.41				4,928.7				
RAMP B									
URBAN	200+12.34 TO 217+00.83				4,772.7				
I-74 WB									
URBAN	427+69.46 TO 433+69.49	SN 010-0175	1,600.0	1,066.7		666.7			
URBAN	433+69.49 TO 480+83.09				8,379.7	12,569.6			
URBAN	480+83.09 TO 483+83.09	SN 010-0177	800.0	533.3		333.3			
RURAL	483+83.09 TO 486+83.09	SN 010-0177	800.0	533.3		333.3			
RURAL	486+83.09 TO 508+51.90				3,855.7	5,783.5			
RURAL	508+51.50 TO 509+11.60	CULVERT	159.5	106.1		66.3			
RURAL	509+11.60 TO 642+81.00				23,767.8	35,651.8			
RURAL	642+81.00 TO 648+81.00	SN 010-0180	1,600.0	1,066.7		666.7			
RURAL	648+81.00 TO 688+84.71				7,117.7	10,676.6			
RURAL	691+02.75 TO 699+66.60				1,535.7	2,303.6			
URBAN	699+66.60 TO 738+20.58				6,851.5	10,277.2			
URBAN	740+24.75 TO 758+74.23				2,287.5	4,932.0			
URBAN	758+74.23 TO 764+74.23	SN 010-0089	1,600.0	1,066.7		666.7			
URBAN	764+74.23 TO 829+31.50				11,024.6	17,219.4			
URBAN	829+31.50 TO 835+31.50				1,066.7	1,600.0			
URBAN	835+31.50 TO 857+01.35				3,857.5	5,786.2			
	859+20.36 TO 880+00.00				3,697.5	5,545.8			
RAMP C									
URBAN	301+07.28 TO 317+44.91				4,688.5				
RAMP D									
URBAN	400+11.68 TO 416+75.71				4,812.9				
SN 010-0175									
RURAL	SW QUADRANT								525.0
RURAL	SE QUADRANT								762.5
RURAL	NW QUADRANT								487.5
RURAL	NE QUADRANT								500.0

REMOVAL

URBAN/ RURAL	LOCATION STATION TO STATION	COMMENT	PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	CONCRETE MEDIAN REMOVAL	GUARDRAIL REMOVAL
			44000100 SQ YD	44004250 SQ YD	44000155 SQ YD	44000156 SQ YD	44000164 SQ YD	X4403300 SQ FT	63200310 FOOT
CHAMPAIGN COUNTY									
SN 010-0089									
RURAL	SW QUADRANT								300.0
RURAL	SE QUADRANT								287.5
RURAL	NW QUADRANT								300.0
RURAL	NE QUADRANT								300.0
SN 010-0182									
RURAL	SW QUADRANT								425.0
RURAL	SE QUADRANT								425.0
RURAL	NW QUADRANT								687.5
RURAL	NE QUADRANT								625.0
RAMP A									
URBAN	117+95.00 TO 118+10.00								202
RAMP D									
URBAN	400+18.00 TO 400+35.00								242
URBAN TOTAL			8,000	5,333	19,203	70,016	104,705	444	0
RURAL TOTAL			5,119	3,413	0	82,174	120,061	0	5,625
PROJECT TOTAL			13,119	8,746	19,203	152,190	224,766	444	5,625

CULVERT

URBAN/ RURAL	LOCATION STATION TO STATION	SIDE	REMOVAL OF EXISTING STRUCTURES	PRECAST CONCRETE BOX CULVERTS, 12' X 5'	BOX CULVERT END SECTIONS, CULVERT NO. 1	POROUS GRANULAR EMBANKMENT	REMOVE AND REINSTALL HIGH TENSION CABLE MEDIAN BARRIER
			50100100 EACH	FOOT	54001001 EACH	20700220 CU YD	X0327622 FOOT
CHAMPAIGN COUNTY							
I-74							
RURAL	508+85.75	SN 010-2045	CL	1	405	2	515
URBAN TOTAL			0	0	0	0	0
RURAL TOTAL			1	405	2	515	1,450
PROJECT TOTAL			1	405	2	515	1,450

EXPLORATION TRENCH

URBAN/ RURAL	LOCATION STATION TO STATION	SIDE	EXPLORATION TRENCH 52" DEPTH	STORM SEWERS PROTECTED, CLASS A, 30"	INSPECTION WELLS
			21301052 FOOT	61101030 FOOT	Z0030900 EACH
CHAMPAIGN COUNTY					
I-74					
RURAL	508+00.00 TO 510+00.00	LT	200		
RURAL	508+00.00 TO 510+00.00	RT	200		
RURAL	509+00.00	LT			1
RURAL	509+00.00	RT			1
RURAL	509+00.00	LT TO RT		400	
URBAN TOTAL			0	0	0
RURAL TOTAL			400	400	2
PROJECT TOTAL			400	400	2

HOT-MIX ASPHALT PAVEMENT

URBAN / RURAL	LOCATION STATION TO STATION	COMMENT	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 15 3/4"	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E",	HOT-MIX ASPHALT SHOULDERS, 8"	HOT-MIX ASPHALT SHOULDERS	AGGREGATE WEDGE SHOULDERS, TYPE B	SUBBASE GRANULAR MATERIAL, TYPE A	TEMPORARY RAMP	SHOULDER RUMBLE STRIPS, 16"	LONGITUDINAL JOINT SEALANT
			40600290	40701996	40603240	40603570	48203029	48203100	48102100	31100100	40600990	64200116	Z0033700
CHAMPAIGN COUNTY			POUND	SQ YD	TON	TON	TON	TON	TON	TON	SQ YD	FOOT	FOOT
I-74 EB													
URBAN	427+69.46 TO 433+69.49	under 010-0175	1,260.0	1733.4			933.3	65.3	26.2	620.7	26.7	1,200.0	600.0
URBAN	433+69.49 TO 480+83.09		9,898.6		1,583.8	1,055.8		821.3	205.4			9,427.2	4,713.6
URBAN	480+83.09 TO 483+83.09	under 010-0177	630.0	866.6			466.7	32.7	13.0	620.7	13.4	1,200.0	300.0
RURAL	483+83.09 TO 486+83.09	under 010-0177	630.0	866.6			466.7	32.7	13.0		13.4		300.0
RURAL	486+83.09 TO 508+51.90		4,554.6		728.8	485.8		377.9	94.4			4,337.6	2,168.8
RURAL	508+51.90 TO 509+11.60	CULVERT	125.4	172.4			92.9	6.5	2.6	128.8	26.7	119.4	59.7
RURAL	509+11.60 TO 642+81.00		28,075.8		4,492.2	2,994.8		2,329.3	582.4			28,738.8	13,369.4
RURAL	642+81.00 TO 648+81.00	under 010-0180	1,260.0	1733.4			933.3	65.3	26.2	620.7	26.7	1,200.0	600.0
RURAL	648+81.00 TO 689+20.34		8,482.6		1,357.2	904.8		703.7	176.0		13.4	8,078.6	4,039.3
RURAL	691+10.69 TO 699+66.60		1,797.4		287.6	191.8		149.1	37.4		13.4	9,418.4	855.9
URBAN	699+66.60 TO 738+19.92		8,092.0		1,294.8	863.0		671.4	167.8		13.4		3,853.3
URBAN	740+24.72 TO 759+26.87		3,994.6		639.2	426.0		271.4	70.8		13.4	3,252.4	1,902.1
URBAN	759+26.87 TO 765+26.87	under 010-0089	1,260.0	1733.4			933.3	65.3	26.2	620.7	26.7	1,200.0	600.0
URBAN	765+26.87 TO 829+31.50		13,449.6		2,152.0	1,434.6		1,012.7	258.3			11,862.8	6,404.6
URBAN	829+31.50 TO 835+31.50		1,260.0		201.6	134.4		104.5	26.2			1,200.0	600.0
URBAN	835+31.50 TO 856+77.70		4,507.0		721.2	480.8		373.9	93.4		13.4	4,292.4	2,146.2
RURAL	858+96.04 TO 880+00.00		4,418.6		707.0	471.2		366.6	91.6		26.7	4,208.0	2,104.0
RAMP A													
URBAN	101+08.71 TO 118+17.41		1,200.5			224.1		190.8	33.9		7.7		261.0
RAMP B													
URBAN	200+12.34 TO 217+00.83		1,181.4			220.5		180.3	41.6		7.7		681.7
I-74 WB													
URBAN	427+69.46 TO 433+69.49	under 010-0175	1,260.0	1733.4			933.3	65.3	26.2	620.7	26.7	1,200.0	600.0
URBAN	433+69.49 TO 480+83.09		9,898.6		1,583.8	1,055.8		821.3	205.4			9,427.2	4,713.6
URBAN	480+83.09 TO 483+83.09	under 010-0177	630.0	866.6			466.7	32.7	13.0	620.7	13.4	1,200.0	300.0
RURAL	483+83.09 TO 486+83.09	under 010-0177	630.0	866.6			466.7	32.7	13.0		13.4		300.0
RURAL	486+83.09 TO 508+51.90		4,554.6		728.8	485.8		377.9	94.4			4,337.6	2,168.8
RURAL	508+51.50 TO 509+11.60	CULVERT	125.4	172.4			92.9	6.5	2.6	128.8	26.7	119.4	60.1
RURAL	509+11.60 TO 642+81.00		28,075.8		4,492.2	2,994.8		2,329.3	582.4			28,738.8	13,369.4
RURAL	642+81.00 TO 648+81.00	under 010-0180	1,260.0	1733.4			933.3	65.3	26.2	620.7	26.7	1,200.0	600.0
RURAL	648+81.00 TO 688+84.71		8,407.8		1,345.2	896.8		697.6	174.4		13.4	8,007.4	4,003.7
RURAL	691+02.75 TO 699+66.60		1,814.0		290.2	193.6		149.1	37.4		13.4	9,435.6	863.9
URBAN	699+66.60 TO 738+20.58		8,093.4		1,295.0	863.2		672.8	167.7		13.4		3,854.0
URBAN	740+24.75 TO 758+74.23		3,883.8		621.4	414.2		224.1	45.7		13.4	2,798.5	1,849.5
URBAN	758+74.23 TO 764+74.23	under 010-0089	1,260.0	1733.4			933.3	65.3	26.2	620.7	26.7	1,200.0	600.0
URBAN	764+74.23 TO 829+31.50		13,580.2		2,169.6	1,446.4		1,080.5	272.3			12,505.1	6,457.3
URBAN	829+31.50 TO 835+31.50		1,260.0		201.6	134.4		104.5	26.2			1,200.0	600.0
URBAN	835+31.50 TO 857+01.35		4,556.6		729.0	486.0		378.1	94.6		13.4	4,339.8	2,169.9
RURAL	859+20.36 TO 880+00.00		4,367.2		698.8	465.8		362.3	90.6		26.7	4,159.2	2,079.6
RAMP C													
URBAN	307+07.28 TO 317+44.91		1,219.9			227.7		166.2	166.2		7.8		758.3
RAMP D													
URBAN	400+11.68 TO 416+75.71		1,210.9			226.0		178.2	49.7		7.8		226.2
URBAN TOTAL			93,568	8,667	13,193	9,693	4,667	7,579	2,056	3,725	245	67,506	44,192
RURAL TOTAL			98,579	5,545	15,128	10,086	2,986	8,052	2,045	1,499	241	108,099	46,942
PROJECT TOTAL			192,147	14,212	28,321	19,779	7,653	15,631	4,101	5,224	486	175,605	91,134

DRAINAGE

URBAN / RURAL	LOCATION STATION TO STATION	SIDE	PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS 4", (SPECIAL)	PIPE UNDERDRAINS, TYPE 2, 6"	PIPE DRAINS 6"	CONCRETE HEADWALLS FOR PIPE DRAINS	FRENCH DRAINS	GEOTECHNICAL FABRIC FOR FRENCH DRAINS	INLET TYPE A, TYPE 1 FRAME, OPEN LID	DIRECTIONAL BORING	COARSE AGGREGATE	UNDERDRAIN CONNECTION TO STRUCTURE	CLEANING UNDERDRAIN OUTLETS	PIPE UNDERDRAIN REMOVAL	CONCRETE HEADWALL REMOVAL	SHOULDER REMOVAL AND REPLACEMENT
			60107600 FOOT	60108100 FOOT	60108206 FOOT	60100915 FOOT	60100060 EACH	60100080 CU YD	60100085 SQ YD	60234200 EACH	X0325379 FOOT	X0795800 TON	Z0076870 EACH	X0320157 EACH	Z0040530 FOOT	50104400 EACH	60100070 FOOT
CHAMPAIGN COUNTY																	
	I-74													22			
URBAN	427+69.46 TO 483+83.09	EB												22			
URBAN	427+69.46 TO 483+83.09	WB															
URBAN	429+08.73	WB				88	1			1	88		1				
URBAN	429+08.73	EB		17									1				
URBAN	429+08.73 TO 429+25.81	CL			17							2.3	1				
URBAN	429+25.81	WB		21													
URBAN	440+06.30	EB				68	1			1	68		1		22	1	6
URBAN	445+00.31 TO 445+64.04	WB		19	64							8.7	1				
URBAN	445+64.00	CL													18	1	6
URBAN	475+10.68	WB													22	1	6
URBAN	475+10.68 TO 479+94.10	WB		22	483	70	1			1	70	66.2	2				
URBAN	479+94.10	WB													22	1	6
URBAN	481+97.63	EB													18	1	6
URBAN	481+97.63 TO 482+85.36	EB		18	88							12.0	1		22	1	6
RURAL	483+83.09 TO 699+66.60	EB												86			
RURAL	483+83.09 TO 699+66.60	WB												86			
RURAL	484+96.44	WB		22													
RURAL	484+96.44 TO 492+18.41	EB			721	64	1			1	64	98.9	2				
RURAL	492+18.41	EB													18	1	6
RURAL	494+81.89	WB													22	1	6
RURAL	494+81.89 TO 500+70.55	CL			588							80.6	1				
RURAL	494+81.89	WB		21													
RURAL	495+00.11	EB		19													
RURAL	499+86.83	WB		22											22	1	6
RURAL	500+70.55	EB		18									1		18	1	6
RURAL	500+70.55	WB				67	1			1	67		1				
RURAL	505+09.45	WB				72	1			1	72		1		22	1	6
RURAL	510+15.02 TO 515+03.03	CL			488							66.8	1				
RURAL	510+15.02	WB		22											22	1	6
RURAL	510+91.97	EB		18											18	1	6
RURAL	511+07.16	EB		18											18	1	6
RURAL	515+03.03	WB				71	1			1	71		1		22	1	6
RURAL	525+88.06	WB													22	1	6
RURAL	525+88.06 TO 528+98.91	WB/CL		22	310	72	1			1	72	42.6	2				
RURAL	528+98.91	WB													22	1	6
RURAL	535+01.73 TO 536+00.79	EB/CL		18	99							13.6	1				
RURAL	535+01.73	EB													18	1	6
RURAL	537+97.19 TO 541+01.08	CL			303							41.6	1				
RURAL	537+97.19	WB		15											22	1	6
RURAL	538+07.32	EB		20											18	1	6
RURAL	541+01.08	EB/WB		17		72	1			1	72		2		18	1	6
RURAL	546+88.85	EB				63	1			1	63		1		18	1	6
RURAL	554+06.64 TO 556+84.53	CL			277							38.1	1				
RURAL	554+06.64	WB				66	1			1	66		1		22	1	6
RURAL	556+84.53	WB		23											22	1	6
RURAL	562+31.15 TO 565+10.52	CL			278							38.3	1				
RURAL	562+31.15	EB				64	1			1	64		1		18	1	6
RURAL	564+16.87	WB		23											22	1	6
RURAL	565+10.52	EB		17											18	1	6
RURAL	571+98.56	EB				63	1			1	63		1		18	1	6
RURAL	579+07.40	WB													22	1	6
RURAL	579+07.40 TO 583+94.46	WB/CL		23	487	69	1			1	69	66.7	2		22	1	6
RURAL	583+96.46 TO 584+20.93	CL/EB		17	25							3.4	1		18	1	6
RURAL	591+02.46	CL/WB				69	1			1	69		1		22	1	6
RURAL	594+02.04 TO 600+02.32	EB/CL			600	74	1			1	74	82.2	2		18	1	6
RURAL	597+00.29	WB		17											22	1	6
RURAL	597+01.21	EB		22											18	1	6
RURAL	599+86.29	EB		23											18	1	6
RURAL	600+02.32	WB		17											22	1	6

SCHEDULE CONTINUED ON NEXT SHEET

FILE NAME = ... \0570789-sht-schedule.dgn	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.	CHAMPAIGN	109	21
	PLOT DATE = 10/13/2017 - 11:23:46 AM	CHECKED -	REVISED -		CONTRACT NO. 70789									
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

DRAINAGE

URBAN / RURAL	LOCATION STATION TO STATION	SIDE	PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS 4", (SPECIAL)	PIPE UNDERDRAINS, TYPE 2, 6"	PIPE DRAINS 6"	CONCRETE HEADWALLS FOR PIPE DRAINS	FRENCH DRAINS	GEOTECHNICAL FABRIC FOR FRENCH DRAINS	INLET TYPE A, TYPE 1 FRAME, OPEN LID	DIRECTIONAL BORING	COARSE AGGREGATE	UNDERDRAIN CONNECTION TO STRUCTURE	CLEANING UNDERDRAIN OUTLETS	PIPE UNDERDRAIN REMOVAL	CONCRETE HEADWALL REMOVAL	SHOULDER REMOVAL AND REPLACEMENT
			60107600 FOOT	60108100 FOOT	60108206 FOOT	60100915 FOOT	60100060 EACH	60100080 CU YD	60100085 SQ YD	60234200 EACH	X0325379 FOOT	X0795800 TON	Z0076870 EACH	X0320157 EACH	Z0040530 FOOT	50104400 EACH	60100070 FOOT
RURAL	605+02.23 TO 609+93.55	CL/EB		22	491	65	1			1	65	67.3	2		18	1	6
RURAL	615+01.70 TO 618+46.78	CL/WB		23	345							47.3	1		22	1	6
RURAL	631+01.11 TO 633+01.26	EB/CL		23								27.4	1		18	1	6
RURAL	631+01.11	WB		17	200										22	1	6
RURAL	633+98.35 TO 638+82.94	CL			484							66.4	1				
RURAL	633+98.35	EB		18											18	1	6
RURAL	634+10.17	WB		22											22	1	6
RURAL	636+89.36	WB		22											22	1	6
RURAL	638+82.93	EB				65	1			1	65		1		22	1	6
RURAL	644+08.84	EB/WB		18		70	1			1	70		2		18	1	6
RURAL	648+92.40	EB													18	1	6
RURAL	648+92.40 TO 650+14.37	EB/CL/WB		18	121	68	1			1	68	16.7	2		40	2	12
RURAL	653+97.45 TO 656+92.91	EB/CL			296	65	1			1	65	40.5	2		18	1	6
RURAL	654+15.89	WB		21											22	1	6
RURAL	656+92.91	WB		22											22	1	6
RURAL	665+02.75	WB				75	1			1	75		1		22	1	6
RURAL	669+93.04 TO 674+99.02	CL/WB			505	75	1			1	75	69.3	2		22	1	6
RURAL	669+93.04	EB		18											18	1	6
RURAL	670+01.61	WB		17											22	1	6
RURAL	680+00.85 TO 683+01.58	CL			301							41.2	1				
RURAL	680+00.85	EB		18											18	1	6
RURAL	680+10.27	WB		22											22	1	6
RURAL	685+17.27	WB				81	1			1	81		1		22	1	6
RURAL	698+06.99 TO 699+01.53	CL			93							12.9	1				
RURAL	698+99.76	WB		18											22	1	6
RURAL	699+01.53	EB		22											18	1	6
URBAN	699+66.60 TO 858+71.50	EB												64			
URBAN	699+66.60 TO 858+71.50	WB												64			
URBAN	701+95.54 TO 703+98.98	CL			204							27.9	1				
URBAN	701+95.54	EB		22											18	1	6
URBAN	702+30.96	WB		17											22	1	6
URBAN	704+03.98 TO 705+02.06	CL			98							13.4	1				
URBAN	705+02.06	EB		23											18	1	6
URBAN	758+00.70 TO 760+61.05	CL/WB			259	68	1			1	68	35.7	2		22	1	6
URBAN	758+00.70	EB		22											18	1	6
URBAN	763+99.04 TO 765+51.08	CL			152							20.8	1				
URBAN	763+99.04	WB		19											22	1	6
URBAN	765+08.43	EB		22											18	1	6
URBAN	767+70.06	EB				73	1			1	73		1		18	1	6
URBAN	772+12.37 TO 774+14.37	CL			202							27.7	1				
URBAN	773+94.81	EB		18											18	1	6
URBAN	774+14.37	WB		22											22	1	6
URBAN	778+00.44 TO 780+08.97	CL			209							28.6	1				
URBAN	779+99.21	EB		17											18	1	6
URBAN	780+08.97	WB		23											22	1	6
URBAN	787+86.45 TO 790+99.98	CL			314							42.9	1				
URBAN	787+86.45	EB		17											18	1	6
URBAN	787+86.45	WB		23											22	1	6
URBAN	790+59.48	WB		22											22	1	6
URBAN	790+64.61	EB		18											18	1	6
URBAN	802+74.68 TO 802+79.13	EB/CL/WB		17	4	67	1			1	67	0.6	2		40	2	12
URBAN	811+92.18 TO 812+07.97	EB/CL/WB		17	15	66	1			1	66	2.2	2		40	2	12
URBAN	814+99.65 TO 821+01.20	CL			602							82.4	1				
URBAN	817+95.46	EB		17											18	1	6
URBAN	818+15.26	WB		24											22	1	6
URBAN	821+01.20	EB		16											18	1	6
URBAN	821+01.20	WB		24													
URBAN	823+99.27 TO 829+25.88	CL			527							72.1	1				
URBAN	829+03.57	EB		17											18	1	6
URBAN	829+25.88	WB		23											22	1	6
URBAN	834+08.00	EB				67	1			1	67		1		18	1	6

SCHEDULE CONTINUED ON NEXT SHEET

FILE NAME = ... \0570789-sht-schedule.dgn	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			74	10-GRS-4 & 10-7RS-3	CHAMPAIGN	109	22	
	PLOT DATE = 10/13/2017 - 11:23:53 AM	DATE -	REVISED -			CONTRACT NO. 70789					
						ILLINOIS FED. AID PROJECT					

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

DRAINAGE

URBAN / RURAL	LOCATION STATION TO STATION	SIDE	PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS 4", (SPECIAL)	PIPE UNDERDRAINS, TYPE 2, 6"	PIPE DRAINS 6"	CONCRETE HEADWALLS FOR PIPE DRAINS	FRENCH DRAINS	GEOTECHNICAL FABRIC FOR FRENCH DRAINS	INLET TYPE A, TYPE 1 FRAME, OPEN LID	DIRECTIONAL BORING	COARSE AGGREGATE	UNDERDRAIN CONNECTION TO STRUCTURE	CLEANING UNDERDRAIN OUTLETS	PIPE UNDERDRAIN REMOVAL	CONCRETE HEADWALL REMOVAL	SHOULDER REMOVAL AND REPLACEMENT
			60107600 FOOT	60108100 FOOT	60108206 FOOT	60100915 FOOT	60100060 EACH	60100080 CU YD	60100085 SQ YD	60234200 EACH	X0325379 FOOT	X0795800 TON	Z0076870 EACH	X0320157 EACH	Z0040530 FOOT	50104400 EACH	60100070 FOOT
URBAN	839+02.16 TO 842+18.26	CL/EB		22	317							43.3	1		18	1	6
RURAL	858+71.50 TO 880+00.00	EB												8			
RURAL	858+71.50 TO 880+00.00	WB												8			
RURAL	876+68.75 TO 876+80.33	EB/CL/WB		24	11	78	1			1	78	1.6	2		40	2	12
FULL DEPTH RESURFACING UNDERNEATH STRUCTURES																	
SN 010-0175																	
URBAN	427+69.46 TO 433+69.46	EB	1,200														
URBAN	427+69.46 TO 433+69.46	WB	1,200														
URBAN	429+19.46	LT		15			1	0.2	1.4								
URBAN	429+19.46	RT		15			1	0.2	1.4								
URBAN	432+19.46	LT		15			1	0.2	1.4								
URBAN	432+19.46	RT		15			1	0.2	1.4								
SN 010-0177																	
URBAN	480+83.09 TO 483+83.09	EB	600														
URBAN	480+83.09 TO 483+83.09	WB	600														
RURAL	483+83.09 TO 486+83.09	EB	600														
RURAL	483+83.09 TO 486+83.09	WB	600														
URBAN	482+33.09	LT		15			1	0.2	1.4								
URBAN	482+33.09	RT		15			1	0.2	1.4								
RURAL	485+33.09	LT		15			1	0.2	1.4								
RURAL	485+33.09	RT		15			1	0.2	1.4								
SN 010-0180																	
RURAL	642+81.00 TO 648+81.00	EB	1,200														
RURAL	642+81.00 TO 648+81.00	WB	1,200														
RURAL	644+31.00	LT		15			1	0.2	1.4								
RURAL	644+31.00	RT		15			1	0.2	1.4								
RURAL	647+31.00	LT		15			1	0.2	1.4								
RURAL	647+31.00	RT		15			1	0.2	1.4								
SN 010-0089																	
URBAN	759+26.87 TO 765+26.87	EB	1,200														
URBAN	758+74.23 TO 764+74.23	WB	1,200														
URBAN	764+24.23	LT		15			1	0.2	1.4								
URBAN	760+76.87	RT		15			1	0.2	1.4								
URBAN	763+24.23	LT		15			1	0.2	1.4								
URBAN	763+76.87	RT		15			1	0.2	1.4								
URBAN TOTAL			6,000	709	3,555	567	18	2	14	8	567	487	25	150	654	33	198
RURAL TOTAL			3,600	889	7,023	1,528	28	2	9	22	1,528	963	46	210	1,150	57	342
PROJECT TOTAL			9,600	1,598	10,578	2,095	46	4	23	30	2,095	1,450	71	360	1,804	90	540

GUARDRAIL

URBAN/ RURAL	LOCATION STATION TO STATION	SIDE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6A (SPECIAL)	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER - DIRECT APPLIED
			63000001	X6310088	63100085	63100045	63100169	63100167	78200005	72501000
CHAMPAIGN COUNTY			FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH
SN 010-0175										
RURAL	SW QUADRANT		437.5	1				1	7	1
RURAL	SE QUADRANT		675.0	1				1	10	1
RURAL	NW QUADRANT		400.0	1				1	6	1
RURAL	NE QUADRANT		412.5	1				1	7	1
TRIPLE BOX CULVERT										
RURAL	506+14.65 TO 508+89.65	RT	212.5			1		1	4	1
RURAL	508+81.85 TO 511+56.85	LT	212.5			1		1	4	1
SN 010-0089										
RURAL	SW QUADRANT		212.5	1			1		4	1
RURAL	SE QUADRANT		200.0	1			1		4	1
RURAL	NW QUADRANT		212.5	1			1		4	1
RURAL	NE QUADRANT		212.5	1			1		4	1
SN 010-0182										
RURAL	SW QUADRANT		337.5		1			1	6	1
RURAL	SE QUADRANT		337.5		1			1	6	1
RURAL	NW QUADRANT		600.0		1			1	9	1
RURAL	NE QUADRANT		537.5		1			1	8	1
URBAN TOTAL			0.0	0	0	0	0	0	0	0
RURAL TOTAL			5,000.0	8	4	2	4	10	83	14
PROJECT TOTAL			5,000.0	8	4	2	4	10	83	14

TEMPORARY CONCRETE BARRIER

URBAN / RURAL	LOCATION STATION TO STATION	COMMENT	DESCRIPTION	TEMPORARY CONCRETE BARRIER 70400100	RELOCATE TEMPORARY CONCRETE BARRIER 70400200	IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 3 70600260	IMPACT ATTENUATORS, RELOCATE (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 3 70600332
				FOOT	FOOT	EACH	EACH
CHAMPAIGN COUNTY							
I-74 EB							
RURAL	507+75.00 TO 509+50.00		RELOCATE IN	175.0	175.0		
RURAL	507+75.00		STAGE 2			1	1
I-74 WB							
RURAL	508+50.00 TO 510+25.00		RELOCATE IN	175.0	175.0		
RURAL	510+25.00		STAGE 2			1	1
SN 010-0175							
URBAN	425+87.50 TO 433+75.00	I-74 EB	RELOCATE IN STAGE 2	787.5	787.5		
URBAN	427+50.00 TO 435+50.00	I-74 WB		800.0	800.0		
URBAN	425+87.50	I-74 EB				1	1
URBAN	435+50.00	I-74 WB				1	1
SN 010-0177							
URBAN	479+00.00 TO 483+83.09	I-74 EB	RELOCATE IN STAGE 2	487.5	487.5		
RURAL	483+83.09 TO 486+87.50	I-74 EB		300.0	300.0		
URBAN	480+75.00 TO 483+83.09	I-74 WB		312.5	312.5		
RURAL	483+83.09 TO 488+62.50	I-74 WB		475.0	475.0		
URBAN	479+00.00	I-74 EB				1	1
RURAL	488+62.50	I-74 WB				1	1
SN 010-0089							
URBAN	757+25.00 TO 765+00.00	I-74 EB	RELOCATE IN STAGE 2	775.0	775.0		
URBAN	759+00.00 TO 766+75.00	I-74 WB		775.0	775.0		
URBAN	757+25.00	I-74 EB				1	1
URBAN	766+75.00	I-74 WB				1	1
SN 010-0182							
URBAN	827+50.00 TO 835+37.50	I-74 EB	RELOCATE IN STAGE 2	787.5	787.5		
URBAN	829+25.00 TO 837+12.50	I-74 WB		787.5	787.5		
URBAN	827+50.00	I-74 EB				1	1
URBAN	837+12.50	I-74 WB				1	1
URBAN TOTAL				5,512.5	5,512.5	7	7
RURAL TOTAL				1,125.0	1,125.0	3	3
PROJECT TOTAL				6,637.5	6,637.5	10	10

INCIDENTAL HMA SCHEDULE

URBAN / RURAL	LOCATION STATION TO STATION	COMMENT	AREA	AREA	BITUMINOUS MATERIALS (PRIME COAT) 40800025	INCIDENTAL HMA SURFACING 40800050	HMA SURFACE REMOVAL SPECIAL X4400196
			SQ FT	SQ YD	POUND	TON	SQ YD
CHAMPAIGN COUNTY							
I-74 EB							
URBAN	455+22.10	RT	374.6	41.6	9.4	3.5	41.6
RURAL	612+97.74	RT	358	39.8	9.0	3.3	39.8
URBAN	720+41.02	RT	362	40.2	9.1	3.4	40.2
I-74 WB							
URBAN	455+22.10	LT	364.4	40.5	9.1	3.4	40.5
RURAL	612+97.74	LT	368.2	40.9	9.2	3.4	40.9
URBAN	720+41.02	LT	367.1	40.8	9.2	3.4	40.8
URBAN TOTAL					37	14	163
RURAL TOTAL					18	7	81
PROJECT TOTAL					55	21	244

TEMPORARY PAVEMENT MARKING

URBAN / RURAL	LOCATION STATION TO STATION	DESCRIPTION	TEMPORARY PAVEMENT MARKING						SHORT TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL		PAVEMENT MARKING REMOVAL - WATER BLASTING			
			7030220		70300240	70300250	70300260	70300280	70300210		70300100		70300150		X0327980	
			LINE 4"		LINE 6"	LINE 8"	LINE 12"	LINE 24"	LETTERS & SYMBOLS		LINE 4"		LINE 4"		WHITE	YELLOW
			WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	SQ FT	SQ FT	SQ FT	SQ FT		
CHAMPAIGN COUNTY																
I-74 EB																
URBAN	427+69.46 TO 483+83.09	CENTERLINE		1,404										468.0		
URBAN	427+69.46 TO 483+83.09			5,614										1871.3		
URBAN	427+69.46 TO 483+83.09		5,614							2,246	2,246	75.0	75.0	3742.0		
RURAL	483+83.09 TO 699+66.60	CENTERLINE		5,396										1798.7		
RURAL	483+83.09 TO 699+66.60			21,584							8,634		719.7	7194.7		
RURAL	483+83.09 TO 699+66.60		21,584							8,634		719.7		14389.4		
URBAN	699+66.60 TO 858+71.50	CENTERLINE		3,977										1325.7		
URBAN	699+66.60 TO 858+71.50			15,905							6,362		530.3	5301.7		
URBAN	699+66.60 TO 749+27.00		4,961											1653.7		
URBAN	699+66.60 TO 858+71.50									6,362		530.3		5301.7		
URBAN	751+88.00 TO 753+75.00					187								124.7		
URBAN	753+75.00 TO 772+15.00		1,840											613.3		
URBAN	772+15.00 TO 776+21.50					407								271.3		
URBAN	776+21.50 TO 858+71.50		8,250											2750.0		
RURAL	858+71.50 TO 880+00.00	CENTERLINE		533										177.7		
RURAL	858+71.50 TO 880+00.00			2,129							852	852	71.0	709.7		
RURAL	858+71.50 TO 880+00.00		2,129							852		71.0		1419.4		
RAMP A																
URBAN	101+08.50 TO 117+13.00		1,605											535.0		
URBAN	103+69.00 TO 105+56.50					188								125.3		
URBAN	105+56.50 TO 116+64.00			1,108										369.3		
URBAN	116+53.89	WRONG WAY ARROW								24.3				24.3		
URBAN	117+68.19	LEFT ARROW								15.6				15.6		
URBAN	117+68.19	RIGHT ARROW			167					15.6				15.6		
URBAN	117+79.01 TO 118+25.19	ISLAND					116							199.5		
URBAN	117+84.39 TO 117+99.00	STOP BAR						18						36.0		
URBAN	117+97.48 TO 118+04.30	STOP BAR						14						28.0		
RAMP B																
URBAN	201+14.00 TO 217+05.00		1,591											530.3		
URBAN	201+14.00 TO 207+71.50			658										219.3		
URBAN	207+71.50 TO 211+76.50					405								270.0		
I-74 WB																
URBAN	427+69.46 TO 483+83.09	CENTERLINE		1,404										468.0		
URBAN	427+69.46 TO 483+83.09			5,614							2,246		187.3	1871.3		
URBAN	427+69.46 TO 483+83.09		5,614							2,246		187.3		3742.6		
RURAL	483+83.09 TO 699+66.60	CENTERLINE		5,396										1798.7		
RURAL	483+83.09 TO 699+66.60			21,584							8,634		719.7	7194.7		
RURAL	483+83.09 TO 699+66.60		21,584							8,634		719.7		14389.4		
URBAN	699+66.60 TO 858+71.50	CENTERLINE		3,977										1325.7		
URBAN	699+66.60 TO 858+71.50			15,905							6,362		530.3	5301.7		
URBAN	699+66.60 TO 742+99.00		4,333											1444.3		
URBAN	699+66.60 TO 858+71.50									6,362		530.3		5301.7		
URBAN	747+92.50 TO 751+90.00					398								265.3		
URBAN	751+90.00 TO 770+20.00		1,830											610.0		
URBAN	770+20.00 TO 772+02.50					183								122.0		
URBAN	775+00.00 TO 858+71.50		8,372											2790.7		
RURAL	858+71.50 TO 880+00.00	CENTERLINE		533										177.7		
RURAL	858+71.50 TO 880+00.00			2,129							852	852	71.0	709.7		
RURAL	858+71.50 TO 880+00.00		2,129							852		71.0		1419.4		

SCHEDULE CONTINUED ON NEXT SHEET

TEMPORARY PAVEMENT MARKING

URBAN / RURAL	LOCATION STATION TO STATION	DESCRIPTION	TEMPORARY PAVEMENT MARKING						SHORT TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL		PAVEMENT MARKING REMOVAL - WATER BLASTING		
			7030220		70300240	70300250	70300260	70300280	70300210	70300100		70300150		X0327980	
			LINE 4"		LINE 6"	LINE 8"	LINE 12"	LINE 24"	LETTERS & SYMBOLS	LINE 4"		LINE 4"		WHITE	YELLOW
			WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW
			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	SQ FT	SQ FT		
	RAMP C														
URBAN	300+97.00 TO 316+43.00		1,546										515.3		
URBAN	305+91.00 TO 309+86.50					396							264.0		
URBAN	309+86.50 TO 316+43.00			657									219.0		
	RAMP D				151										
URBAN	400+07.03 TO 400+49.71	ISLAND				79							75.5		
URBAN	400+27.30 TO 400+41.74	STOP BAR					18						36.0		
URBAN	400+16.64 TO 400+24.38	STOP BAR					14						28.0		
URBAN	400+55.39	LEFT ARROW						15.6					15.6		
URBAN	400+55.39	RIGHT ARROW						15.6					15.6		
URBAN	401+72.44	WRONG WAY ARROW						24.3					24.3		
URBAN	401+05.50 TO 417+47.50		1,642										547.3		
URBAN	401+67.50 TO 412+67.00			1,100									366.7		
URBAN	412+67.00 TO 414+50.00				183								201.0		
		URBAN TOTAL	104,521	318	2,347	195	64	111	34,432	2,646	51,344				
		RURAL TOTAL	106,710	0	0	0	0	0	37,944	3,163	51,379				
		PROJECT TOTAL	211,231	318	2,347	195	64	111	72,376	5,809	102,723				

ISLANDS

URBAN / RURAL	LOCATION STATION TO STATION	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING	CONCRETE MEDIAN, TYPE SM (DOWELLED)
		15 1/2" 35400542 SQ YD	X6061702 SQ FT
	CHAMPAGIN COUNTY		
	RAMP A		
URBAN	117+95.00 TO 118+15.00	23	165
	RAMP D		
URBAN	400+13.50 TO 400+35.50	27	239
	URBAN TOTAL	50	404
	RURAL TOTAL	0	0
	PROJECT TOTAL	50	404

CONCRETE COLLAR

URBAN / RURAL	LOCATION STATION TO STATION	SIDE	COMMENTS	CONCRETE COLLAR 54248510 CU YD
	CHAMPAGIN COUNTY			
	I-74			
RURAL	612+00.00	LT	30" RCP	0.57
RURAL	620+01.50	LT	30" RCP	0.57
URBAN	704+01.50	LT	36" RCP	0.69
	URBAN TOTAL			1.3
	RURAL TOTAL			0.7
	PROJECT TOTAL			2

PERMANENT BENCHMARKS

URBAN / RURAL	LOCATION STATION TO STATION	SIDE	PERMANENT BENCH MARKS, TYPE 1 Z0038800 EACH
	CHAMPAIGN COUNTY		
	I-74		
RURAL	SN 010-2045	SW CORNER	1
	URBAN TOTAL		0
	RURAL TOTAL		1
	PROJECT TOTAL		1

PAVEMENT MARKING

URBAN / RURAL	LOCATION STATION TO STATION	DESCRIPTION	THERMOPLASTIC PAVEMENT MARKING						PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID	GROOVING FOR RECESSED PAVEMENT MARKING	GROOVING FOR RECESSED PAVEMENT MARKING	GROOVING FOR RECESSED PAVEMENT MARKING	GROOVING FOR RECESSED PAVEMENT MARKING	GROOVING FOR RECESSED PAVEMENT MARKING	GROOVING FOR RECESSED PAVEMENT MARKING		
			78000200	78000400	78000500	78000600	78000650	78000100	78004210	X7830070	X7830074	X7830076	X7830078	X7830090	X7830060		
			LINE 4"		LINE 6"	LINE 8"	LINE 12"	LINE 24"	LETTERS AND SYMBOLS	LINE 4"	5"		7"	9"	13"	25"	LETTERS AND SYMBOLS
			WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE
FOOT		FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT			
CHAMPAIGN COUNTY																	
I-74 EB																	
URBAN	427+69.46 TO 483+83.09	CENTERLINE															
URBAN	427+69.46 TO 483+83.09			5,614													
URBAN	427+69.46 TO 483+83.09		5,614														
RURAL	483+83.09 TO 699+66.60	CENTERLINE															
RURAL	483+83.09 TO 699+66.60			21,584													
RURAL	483+83.09 TO 699+66.60		21,584														
URBAN	699+66.60 TO 858+71.50	CENTERLINE															
URBAN	699+66.60 TO 858+71.50			15,905													
URBAN	699+66.60 TO 749+27.00		4,961														
URBAN	751+88.00 TO 753+75.00				187									187			
URBAN	753+75.00 TO 772+15.00		1,840														
URBAN	772+15.00 TO 776+21.50				407									407			
URBAN	776+21.50 TO 858+71.50		8,250														
RURAL	858+71.50 TO 880+00.00	CENTERLINE															
RURAL	858+71.50 TO 880+00.00			2,129													
RURAL	858+71.50 TO 880+00.00		2,129														
RAMP A																	
URBAN	101+08.50 TO 117+13.00		1,605														
URBAN	103+69.00 TO 105+56.50				188									188			
URBAN	105+56.50 TO 116+64.00			1,108													
URBAN	116+53.89	WRONG WAY ARROW						24.3							24.3		
URBAN	117+68.19	LEFT ARROW						15.6							15.6		
URBAN	117+68.19	RIGHT ARROW						15.6							15.6		
URBAN	117+79.01 TO 118+25.19	ISLAND			167		116					167		116			
URBAN	117+84.39 TO 117+99.00	STOP BAR						18						18			
URBAN	117+97.48 TO 118+04.30	STOP BAR						14						14			
RAMP B																	
URBAN	201+14.00 TO 217+05.00		1,591														
URBAN	201+14.00 TO 207+71.50			658										658			
URBAN	207+71.50 TO 211+76.50				405									405			
I-74 WB																	
URBAN	427+69.46 TO 483+83.09	CENTERLINE															
URBAN	427+69.46 TO 483+83.09			5,614										5,614			
URBAN	427+69.46 TO 483+83.09		5,614														
RURAL	483+83.09 TO 699+66.60	CENTERLINE															
RURAL	483+83.09 TO 699+66.60			21,584										21,584			
RURAL	483+83.09 TO 699+66.60		21,584														
URBAN	699+66.60 TO 858+71.50	CENTERLINE															
URBAN	699+66.60 TO 858+71.50			15,905										15,905			
URBAN	699+66.60 TO 742+99.00		4,333											4,333			
URBAN	747+92.50 TO 751+90.00				398									398			
URBAN	751+90.00 TO 770+20.00		1,830											1,830			
URBAN	770+20.00 TO 772+02.50				183									183			
URBAN	775+00.00 TO 858+71.50		8,372											8,372			
RURAL	858+71.50 TO 880+00.00	CENTERLINE															
RURAL	858+71.50 TO 880+00.00			2,129										2,129			
RURAL	858+71.50 TO 880+00.00		2,129														

SCHEDULE CONTINUED ON NEXT SHEET

PAVEMENT MARKING

URBAN / RURAL	LOCATION STATION TO STATION	DESCRIPTION	THERMOPLASTIC PAVEMENT MARKING						PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID	GROOVING FOR RECESSED PAVEMENT MARKING	GROOVING FOR RECESSED PAVEMENT MARKING	GROOVING FOR RECESSED PAVEMENT MARKING	GROOVING FOR RECESSED PAVEMENT MARKING	GROOVING FOR RECESSED PAVEMENT MARKING	GROOVING FOR RECESSED PAVEMENT MARKING		
			78000200	78000400	78000500	78000600	78000650	78000100	78004210	X7830070	X7830074	X7830076	X7830078	X7830090	X7830060		
			LINE 4"		LINE 6"	LINE 8"	LINE 12"	LINE 24"	LETTERS AND SYMBOLS	LINE 4"	5"		7"	9"	13"	25"	LETTERS AND SYMBOLS
			WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT		
	RAMP C																
URBAN	300+97.00 TO 316+43.00		1,546						1,546								
URBAN	305+91.00 TO 309+86.50				396							396					
URBAN	309+86.50 TO 316+43.00			657						657							
	RAMP D																
URBAN	400+07.03 TO 400+49.71	ISLAND		151		79					151		79				
URBAN	400+27.30 TO 400+41.74	STOP BAR					18							18			
URBAN	400+16.64 TO 400+24.38	STOP BAR					14							14			
URBAN	400+55.39	LEFT ARROW						15.6							15.6		
URBAN	400+55.39	RIGHT ARROW						15.6							15.6		
URBAN	401+72.44	WRONG WAY ARROW						24.3							24.3		
URBAN	401+05.50 TO 417+47.50		1,642						1,642								
URBAN	401+67.50 TO 412+67.00			1,100						1,100							
URBAN	412+67.00 TO 414+50.00				183							183					
		URBAN TOTAL	93,759	318	2,347	195	64	111	10,762	93,759	318	2,347	195	64	111		
		RURAL TOTAL	94,852	0	0	0	0	0	11,858	94,852	0	0	0	0	0		
		PROJECT TOTAL	188,611	318	2,347	195	64	111	22,620	188,611	318	2,347	195	64	111		

SURVEY MARKERS

URBAN / RURAL	LOCATION STATION TO STATION	SIDE	OFFSET	DESC.	SURVEY MARKER, TYPE 1 (SPECIAL) XZ193300 EACH
CHAMPAIGN COUNTY					
	I-74				
URBAN	420+08.29	CL		POT	1
RURAL	623+14.71	CL		PC	1
RURAL	628+72.43	LT	2.39	PI	1
RURAL	643+30.13	CL		PT	1
URBAN	750+08.07	CL		PI	1
RURAL	956+44.82	CL		PC	1
				URBAN TOTAL	2
				RURAL TOTAL	4
				PROJECT TOTAL	6

CHANGEABLE MESSAGE SIGNS

URBAN / RURAL	LOCATION STATION TO STATION	COMMENT	# OF CMS BOARDS	DAYS UTILIZED	CALENDAR DAYS
CHAMPAIGN COUNTY					
URBAN	I-74 EB - BEGIN PROJECT	FROM PUBLIC INFORMATION PLAN	1	7	7
URBAN	I-74 EB - WEST OF I-57 INTERCHANGE	FROM PUBLIC INFORMATION PLAN	1	7	7
RURAL	I-74 WB - END PROJECT	FROM PUBLIC INFORMATION PLAN	1	7	7
RURAL	I-74 WB - EAST OF ODGEN INTERCHANGE	FROM PUBLIC INFORMATION PLAN	1	7	7
				URBAN TOTAL	14
				RURAL TOTAL	14
				PROJECT TOTAL	28

PAVEMENT PATCHES

URBAN / RURAL	LOCATION STATION	PATCH NO.	SIDE	LENGTH	WIDTH	AREA	CLASS B PATCHES, TYPE II, 17 INCH 44201055	CLASS B PATCHES, TYPE III, 17 INCH 44201057	CLASS B PATCHES, TYPE IV, 17 INCH 44201053	WELDED WIRE REINFORCEMENT 44200050	SAW CUTS 44213200	DOWEL BARS 1 1/2" 44201299	TIE BARS 3/4" 44213204
				FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH	
URBAN	482+16.00	60	DL	6	12	8.0	8.0				36	20	
URBAN	482+67.00	61	DL	45	12	60.0			60.0	60.0	114	20	20
URBAN	483+44.00	62	DL	10	12	13.3	13.3				44	20	
RURAL	484+55.00	63	DL	8	12	10.7	10.7				40	20	
RURAL	486+22.00	64	PL	6	12	8.0	8.0				36	20	
RURAL	486+22.00	65	DL	6	12	8.0	8.0				36	20	
RURAL	487+22.00	66	PL	6	12	8.0	8.0				36	20	
RURAL	487+22.00	67	DL	6	12	8.0	8.0				36	20	
RURAL	491+25.00	68	PL	6	12	8.0	8.0				36	20	
RURAL	491+25.00	69	DL	6	12	8.0	8.0				36	20	
RURAL	493+25.00	70	DL	8	12	10.7	10.7				40	20	
RURAL	493+25.00	71	PL	6	12	8.0	8.0				36	20	
RURAL	494+25.00	72	PL	6	12	8.0	8.0				36	20	
RURAL	494+25.00	73	DL	6	12	8.0	8.0				36	20	
RURAL	497+28.00	74	PL	6	12	8.0	8.0				36	20	
RURAL	497+28.00	75	DL	6	12	8.0	8.0				36	20	
RURAL	500+28.00	76	PL	6	12	8.0	8.0				36	20	
RURAL	500+28.00	77	DL	6	12	8.0	8.0				36	20	
RURAL	502+28.00	78	PL	8	12	10.7	10.7				40	20	
RURAL	502+28.00	79	DL	8	12	10.7	10.7				40	20	
RURAL	504+29.00	80	DL	6	12	8.0	8.0				36	20	
RURAL	505+30.00	81	DL	6	12	8.0	8.0				36	20	
RURAL	507+32.00	82	DL	6	12	8.0	8.0				36	20	
RURAL	517+36.00	83	DL	8	12	10.7	10.7				40	20	
RURAL	519+44.00	84	DL	6	12	8.0	8.0				36	20	
RURAL	524+48.00	85	PL	6	12	8.0	8.0				36	20	
RURAL	524+48.00	86	DL	6	12	8.0	8.0				36	20	
RURAL	527+50.00	87	DL	6	12	8.0	8.0				36	20	
RURAL	529+49.00	88	DL	6	12	8.0	8.0				36	20	
RURAL	542+57.00	89	DL	6	12	8.0	8.0				36	20	
RURAL	544+55.00	90	PL	6	12	8.0	8.0				36	20	
RURAL	544+55.00	91	DL	6	12	8.0	8.0				36	20	
RURAL	564+72.00	92	DL	8	12	10.7	10.7				40	20	
RURAL	573+77.00	93	DL	6	12	8.0	8.0				36	20	
RURAL	577+78.00	94	DL	6	12	8.0	8.0				36	20	
RURAL	589+85.00	95	PL	6	12	8.0	8.0				36	20	
RURAL	589+85.00	96	DL	6	12	8.0	8.0				36	20	
RURAL	594+91.00	97	DL	6	12	8.0	8.0				36	20	
RURAL	596+89.00	98	DL	6	12	8.0	8.0				36	20	
RURAL	6039+93.00	99	DL	6	12	8.0	8.0				36	20	
RURAL	604+94.00	100	DL	6	12	8.0	8.0				36	20	
RURAL	607+96.00	101	DL	6	12	8.0	8.0				36	20	
RURAL	608+98.00	102	DL	6	12	8.0	8.0				36	20	
RURAL	610+00.00	103	DL	6	12	8.0	8.0				36	20	
RURAL	611+00.00	104	DL	6	12	8.0	8.0				36	20	
RURAL	613+70.00	105	PL	6	12	8.0	8.0				36	20	
RURAL	613+70.00	106	DL	6	12	8.0	8.0				36	20	
RURAL	617+72.00	107	DL	8	12	10.7	10.7				40	20	
RURAL	619+74.00	108	DL	6	12	8.0	8.0				36	20	
RURAL	620+73.00	109	DL	6	12	8.0	8.0				36	20	
RURAL	623+73.00	110	DL	6	12	8.0	8.0				36	20	
RURAL	626+75.00	111	DL	6	12	8.0	8.0				36	20	
RURAL	628+78.00	112	DL	6	12	8.0	8.0				36	20	
RURAL	634+77.00	113	DL	6	12	8.0	8.0				36	20	
RURAL	637+78.00	114	DL	6	12	8.0	8.0				36	20	
RURAL	638+78.00	115	PL	6	12	8.0	8.0				36	20	
RURAL	638+78.00	116	DL	6	12	8.0	8.0				36	20	
RURAL	645+21.00	117	DL	12	12	16.0		16.0		16.0	48	20	
RURAL	645+72.00	118	DL	50	12	66.7			66.7	66.7	124	20	30
RURAL	646+69.00	119	DL	10	12	13.3	13.3				44	20	
RURAL	646+90.00	120	DL	12	12	16.0		16.0		16.0	48	20	

SCHEDULE CONTINUED ON NEXT SHEET

FILE NAME = ...\\0570789-sht-schedule.dgn	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -			74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	30	
	PLOT DATE = 10/19/2017 - 2:50:08 PM	DATE -	REVISED -			SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 70789			
ILLINOIS FED. AID PROJECT											

PAVEMENT PATCHES

URBAN / RURAL	LOCATION STATION	PATCH NO.	SIDE	LENGTH	WIDTH	AREA	CLASS B PATCHES, TYPE II, 17 INCH 44201055	CLASS B PATCHES, TYPE III, 17 INCH 44201057	CLASS B PATCHES, TYPE IV, 17 INCH 44201053	WELDED WIRE REINFORCEMENT 44200050	SAW CUTS 44213200	DOWEL BARS 1 1/2" 44201299	TIE BARS 3/4" 44213204
				FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH
RURAL	647+05.00	121	PL	6	12	8.0	8.0				36	20	
RURAL	648+01.00	122	DL	16	12	21.3		21.3		21.3	56	20	
RURAL	649+07.00	123	DL	6	12	8.0	8.0				36	20	
RURAL	650+06.00	124	DL	8	12	10.7	10.7				40	20	
RURAL	651+07.00	125	DL	8	12	10.7	10.7				40	20	
RURAL	652+07.00	126	DL	6	12	8.0	8.0				36	20	
RURAL	653+04.00	127	DL	12	12	16.0		16.0		16.0	48	20	
RURAL	654+07.00	128	PL/DL	6	12	8.0	8.0				36	20	
RURAL	655+10.00	129	DL	12	12	16.0		16.0		16.0	48	20	
RURAL	656+08.00	130	DL	6	12	8.0	8.0				36	20	
RURAL	657+07.00	131	DL	6	12	8.0	8.0				36	20	
RURAL	658+09.00	132	DL	6	12	8.0	8.0				36	20	
RURAL	660+08.00	133	DL	6	12	8.0	8.0				36	20	
RURAL	661+10.00	134	DL	6	12	8.0	8.0				36	20	
RURAL	663+09.00	135	DL	6	12	8.0	8.0				36	20	
RURAL	665+11.00	136	DL	6	12	8.0	8.0				36	20	
RURAL	669+10.00	137	PL	6	12	8.0	8.0				36	20	
RURAL	669+10.00	138	DL	6	12	8.0	8.0				36	20	
RURAL	683+14.00	139	DL	6	12	8.0	8.0				36	20	
RURAL	689+06.00	140	DL	12	12	16.0		16.0		16.0	48	20	
RURAL	689+93.00	141	DL	6	12	8.0	8.0				36	20	
URBAN	717+00.00	142	DL	6	12	8.0	8.0				36	20	
URBAN	718+00.00	143	DL	6	12	8.0	8.0				36	20	
URBAN	719+00.00	144	DL	6	12	8.0	8.0				36	20	
URBAN	729+03.00	145	PL	6	12	8.0	8.0				36	20	
URBAN	729+03.00	146	DL	6	12	8.0	8.0				36	20	
URBAN	740+14.00	147	PL	10	12	13.3	13.3				44	20	
URBAN	741+10.00	148	PL	6	12	8.0	8.0				36	20	
URBAN	741+10.00	149	DL	6	12	8.0	8.0				36	20	
URBAN	746+01.00	150	DL	6	12	8.0	8.0				36	20	
URBAN	760+07.00	151	PL	6	12	8.0	8.0				36	20	
URBAN	760+07.00	152	DL	6	12	8.0	8.0				36	20	
URBAN	760+82.00	153	DL	6	12	8.0	8.0				36	20	
URBAN	761+25.00	154	PL	80	12	106.7		106.7	106.7	184	20	50	
URBAN	761+25.00	155	DL	40	12	53.3		53.3	53.3	104	20	20	
URBAN	762+58.00	156	DL	6	12	8.0	8.0				36	20	
URBAN	762+58.00	157	PL	45	12	60.0		60.0	60.0	114	20	20	
URBAN	774+67.00	158	DL	6	12	8.0	8.0				36	20	
URBAN	831+83.00	159	PL	6	12	8.0	8.0				36	20	
URBAN	831+83.00	160	DL	6	12	8.0	8.0				36	20	
URBAN	832+43.00	161	PL	6	12	8.0	8.0				36	20	
URBAN	832+43.00	162	DL	6	12	8.0	8.0				36	20	
URBAN	832+69.00	163	DL	6	12	8.0	8.0				36	20	
URBAN	848+72.00	164	PL	6	12	8.0	8.0				36	20	
URBAN	855+12.00	165	DL	20	12	26.7		26.7	26.7	64	20	10	
URBAN	855+71.00	166	DL	6	12	8.0	8.0				36	20	
URBAN	856+57.00	167	PL	10	12	13.3	13.3				44	20	
URBAN	856+57.00	168	DL	10	12	13.3	13.3				44	20	
RURAL	858+77.00	169	PL	10	12	13.3	13.3				44	20	
RURAL	858+77.00	170	DL	10	12	13.3	13.3				44	20	
RURAL	862+78.00	171	PL	6	12	8.0	8.0				36	20	
RURAL	873+80.00	172	PL	6	12	8.0	8.0				36	20	
RURAL	873+80.00	173	DL	6	12	8.0	8.0				36	20	
RURAL	874+80.00	174	PL	6	12	8.0	8.0				36	20	

SCHEDULE CONTINUED ON NEXT SHEET

FILE NAME = ... \0570789-sht-schedule.dgn	USER NAME = bemery	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			74	10-GRS-4 & 10-7RS-3	CHAMPAIGN	109	31
	PLOT DATE = 10/19/2017 - 2:50:27 PM	CHECKED -	REVISED -			SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 70789		
						ILLINOIS FED. AID PROJECT				

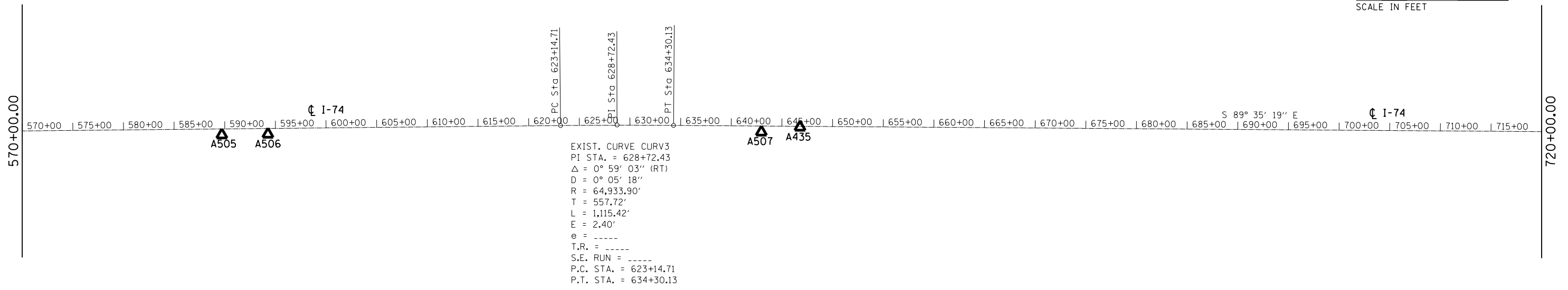
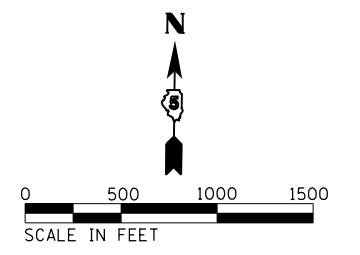
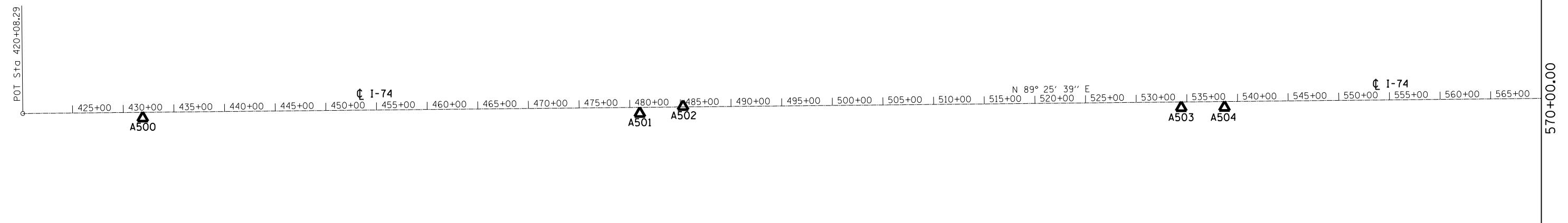
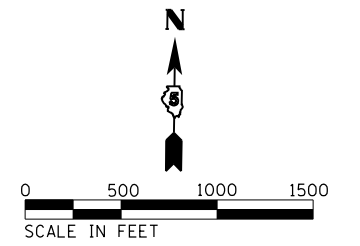
PAVEMENT PATCHES

URBAN / RURAL	LOCATION STATION	PATCH NO.	SIDE	LENGTH	WIDTH	AREA	CLASS B PATCHES, TYPE II, 17 INCH 44201055	CLASS B PATCHES, TYPE III, 17 INCH 44201057	CLASS B PATCHES, TYPE IV, 17 INCH 44201053	WELDED WIRE REINFORCEMENT 44200050	SAW CUTS 44213200	DOWEL BARS 1 1/2" 44201299	TIE BARS 3/4" 44213204
				FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH	
	I-74 WB												
URBAN	833+45.00	175	DL	6	12	8.0	8.0				36	20	
URBAN	786+88.00	176	PL	6	12	8.0	8.0				36	20	
URBAN	786+88.00	177	DL	6	12	8.0	8.0				36	20	
URBAN	785+87.00	178	DL	6	12	8.0	8.0				36	20	
URBAN	775+83.00	179	PL	6	12	8.0	8.0				36	20	
URBAN	762+79.00	180	PL	10	12	13.3	13.3				44	20	
URBAN	762+79.00	181	DL	10	12	13.3	13.3				44	20	
URBAN	759+75.00	182	PL	8	12	10.7	10.7				40	20	
URBAN	759+75.00	183	DL	8	12	10.7	10.7				40	20	
URBAN	740+72.00	184	DL	20	12	26.7		26.7	26.7	64	20	10	
URBAN	738+21.00	185	PL	30	12	40.0		40.0	40.0	84	20	10	
URBAN	738+21.00	186	DL	30	12	40.0		40.0	40.0	84	20	10	
URBAN	729+31.00	187	PL	6	12	8.0	8.0				36	20	
URBAN	729+31.00	188	DL	6	12	8.0	8.0				36	20	
RURAL	688+45.00	189	DL	10	12	13.3	13.3				44	20	
RURAL	687+83.00	190	PL	6	12	8.0	8.0				36	20	
RURAL	687+83.00	191	DL	6	12	8.0	8.0				36	20	
RURAL	686+83.00	192	PL	6	12	8.0	8.0				36	20	
RURAL	686+83.00	193	DL	6	12	8.0	8.0				36	20	
RURAL	685+83.00	194	DL	6	12	8.0	8.0		53.3	53.3	104	20	20
RURAL	644+61.00	196	DL	6	12	8.0	8.0				36	20	
RURAL	643+68.00	197	PL	6	12	8.0	8.0				36	20	
RURAL	643+68.00	198	DL	6	12	8.0	8.0				36	20	
RURAL	642+68.00	199	PL	6	12	8.0	8.0				36	20	
RURAL	641+67.00	200	PL	6	12	8.0	8.0				36	20	
RURAL	641+67.00	201	DL	6	12	8.0	8.0				36	20	
RURAL	638+66.00	202	PL	6	12	8.0	8.0				36	20	
RURAL	621+63.00	203	PL	8	12	10.7	10.7				40	20	
RURAL	621+63.00	204	DL	8	12	10.7	10.7				40	20	
RURAL	599+62.00	205	PL	6	12	8.0	8.0				36	20	
RURAL	599+62.00	206	DL	6	12	8.0	8.0				36	20	
RURAL	581+53.00	207	PL	6	12	8.0	8.0				36	20	
RURAL	581+53.00	208	DL	6	12	8.0	8.0				36	20	
RURAL	569+50.00	209	PL	8	12	10.7	10.7				40	20	
RURAL	569+50.00	210	DL	8	12	10.7	10.7				40	20	
RURAL	567+45.00	211	PL	6	12	8.0	8.0				36	20	
RURAL	567+45.00	212	DL	6	12	8.0	8.0				36	20	
RURAL	541+42.00	213	PL	6	12	8.0	8.0				36	20	
RURAL	541+42.00	214	DL	6	12	8.0	8.0				36	20	
RURAL	517+24.00	215	PL	8	12	10.7	10.7				40	20	
RURAL	517+24.00	216	DL	8	12	10.7	10.7				40	20	
RURAL	495+16.00	217	PL	8	12	10.7	10.7				40	20	
RURAL	495+16.00	218	DL	8	12	10.7	10.7				40	20	
URBAN	485+13.00	219	PL	8	12	10.7	10.7				40	20	
URBAN	485+13.00	220	DL	8	12	10.7	10.7				40	20	
URBAN	471+09.00	221	PL	6	12	8.0	8.0				36	20	
URBAN	443+13.00	222	PL	6	12	8.0	8.0				36	20	
URBAN	443+13.00	223	DL	6	12	8.0	8.0				36	20	
URBAN TOTAL							872	20	413	434	4,550	2,160	150
RURAL TOTAL							923	101	120	221	4,476	2,300	50
PROJECT TOTAL							1,795	121	533	655	9,026	4,460	200

NOTES: DL = DRIVING LANE, PL = PASSING LANE

MATERIAL TRANSFER DEVICE

URBAN / RURAL	LOCATION STATION TO STATION	COMMENT	MATERIAL TRANSFER DEVICE
			Z0034105 TON
CHAMPAIGN COUNTY			
			I-74 EB
URBAN	433+69.49 TO 480+83.09		2,639.6
RURAL	486+83.09 TO 508+51.90		1,214.5
RURAL	509+11.60 TO 642+81.00		7,486.9
RURAL	648+81.00 TO 689+20.34		2,262.0
RURAL	691+10.69 TO 699+66.60		479.4
URBAN	699+66.60 TO 738+19.92		2,157.7
URBAN	740+24.72 TO 759+26.87		1,059.5
URBAN	765+26.87 TO 829+31.50		3,592.6
URBAN	829+31.50 TO 835+31.50		336.0
URBAN	835+31.50 TO 856+77.70		1,201.9
RURAL	858+96.04 TO 880+00.00		1,178.4
			I-74 WB
URBAN	433+69.49 TO 480+83.09		2,639.6
RURAL	486+83.09 TO 508+51.90		1,214.5
RURAL	509+11.60 TO 642+81.00		7,486.9
RURAL	648+81.00 TO 688+84.71		2,242.0
RURAL	691+02.75 TO 699+66.60		483.9
URBAN	699+66.60 TO 738+20.58		2,158.4
URBAN	740+24.75 TO 758+74.23		1,041.4
URBAN	764+74.23 TO 829+31.50		3,610.5
URBAN	829+31.50 TO 835+31.50		336.0
URBAN	835+31.50 TO 857+01.35		1,215.1
RURAL	859+20.36 TO 880+00.00		1,164.6
URBAN TOTAL			21,988
RURAL TOTAL			25,213
PROJECT TOTAL			47,201

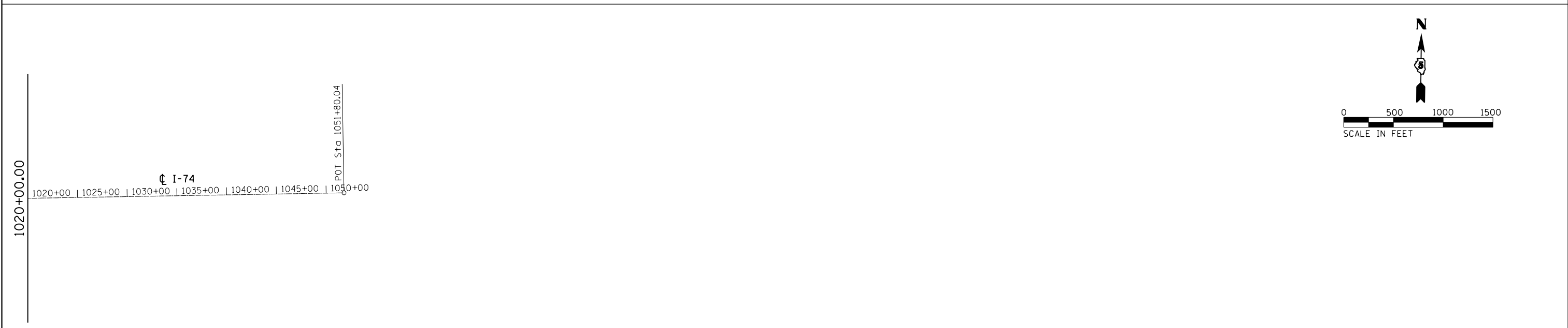
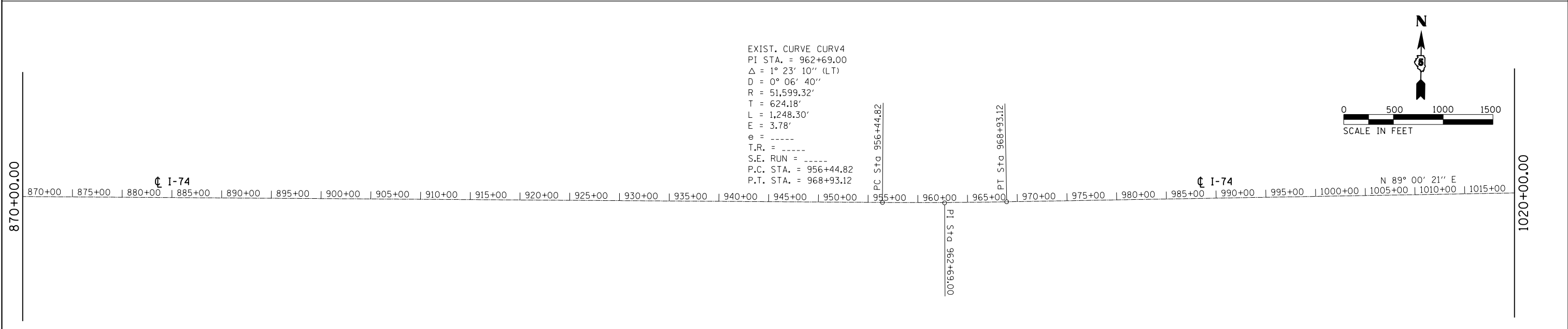
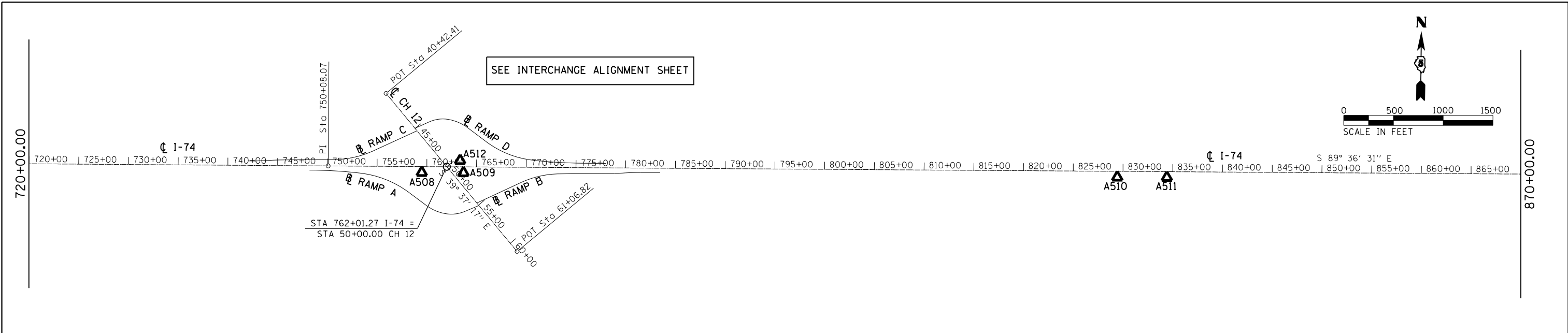


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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

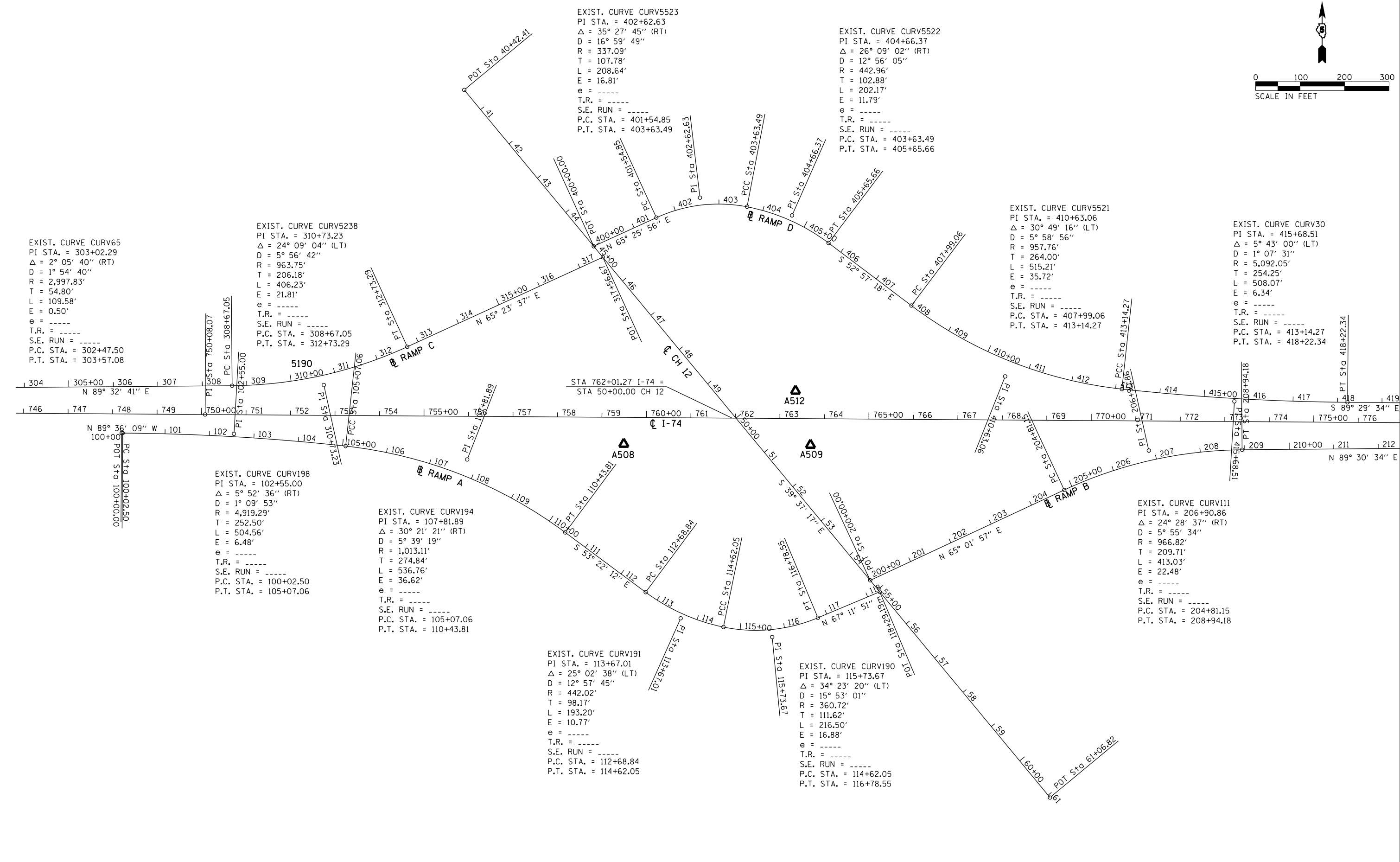
ALIGNMENTS			
SCALE: 1" = 500"	SHEET	OF	SHEETS
STA. 420+08.29		TO STA. 720+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	33
CONTRACT NO. 70789			ILLINOIS FED. AID PROJECT	



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Default	PLOT SCALE = 1000.0000 ' / in.	DRAWN -	REVISED -		SCALE: 1" = 500'	SHEET	OF	SHEETS	STA. 720+00.00	TO STA. 1051+80.04	74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	34
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		DATE -	REVISED -												

ILLINOIS FED. AID PROJECT CONTRACT NO. 70789



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																ILLINOIS FED. AID PROJECT

CONTRACT NO. 70789

CONTROL POINTS

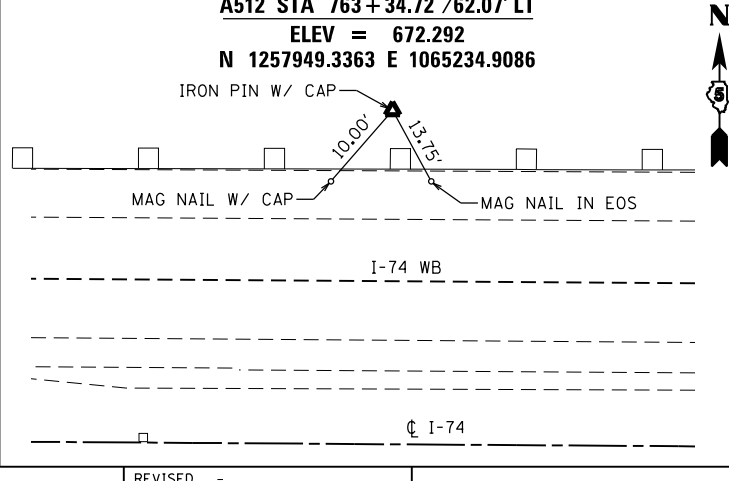
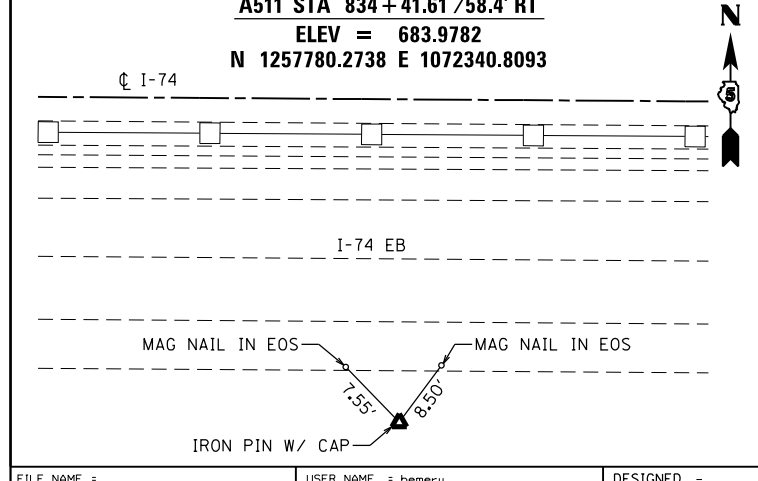
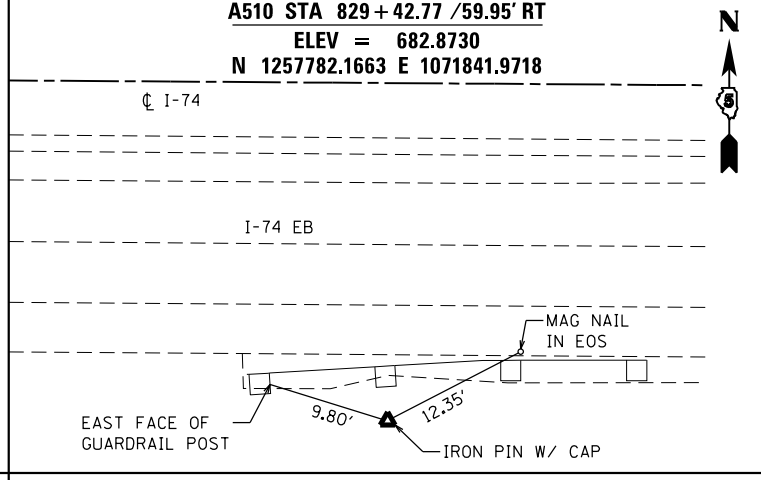
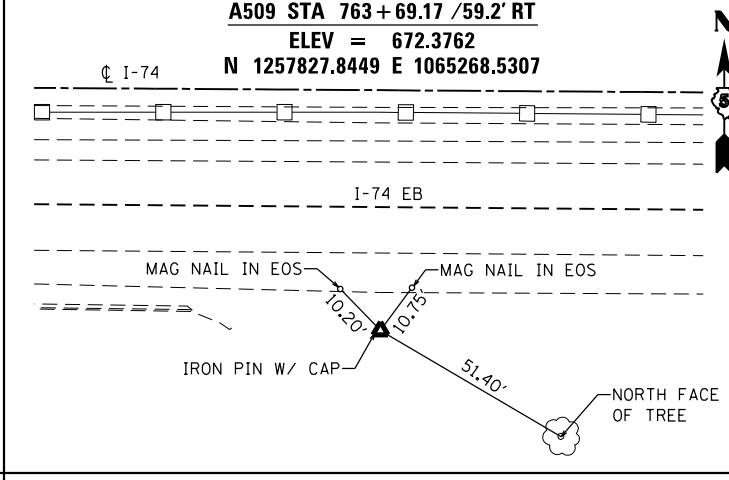
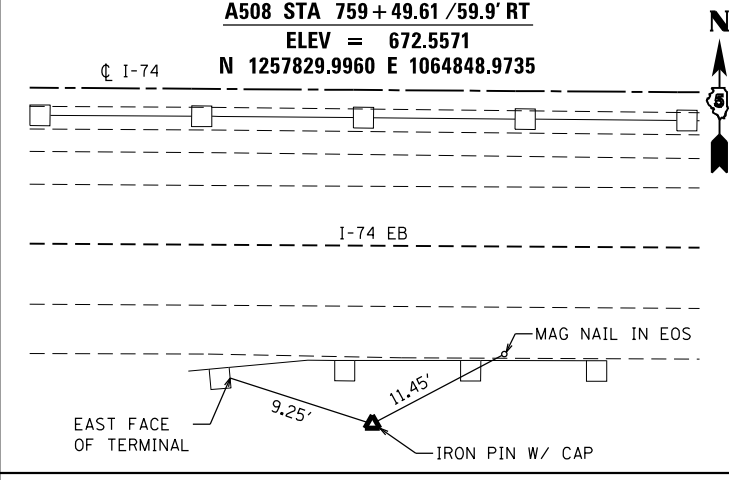
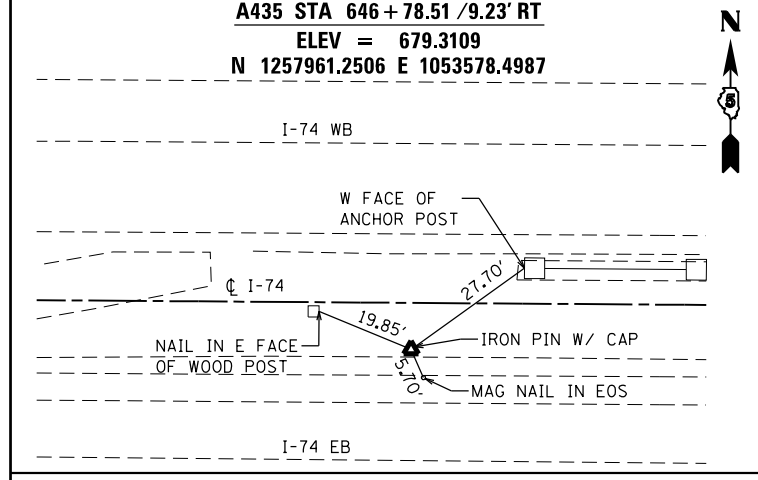
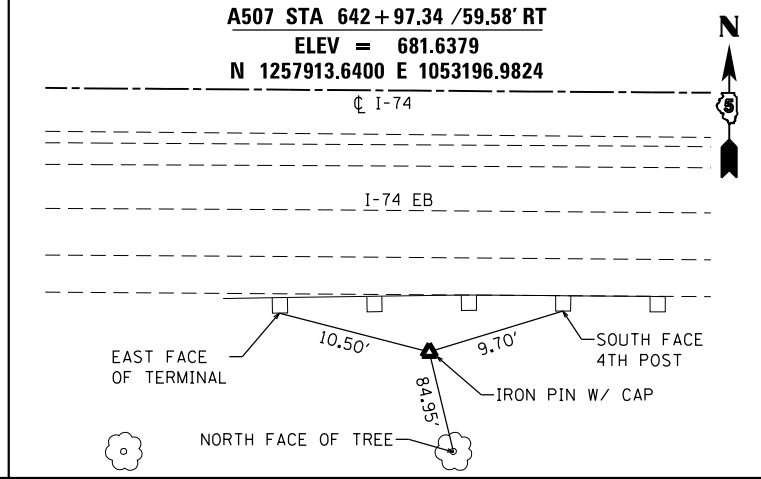
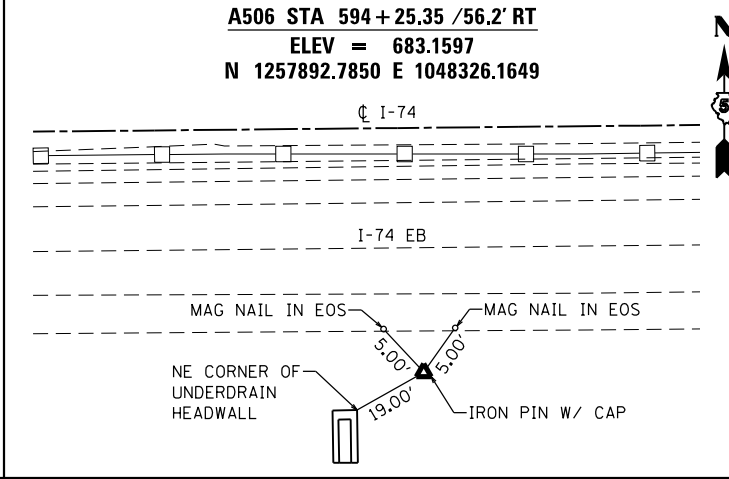
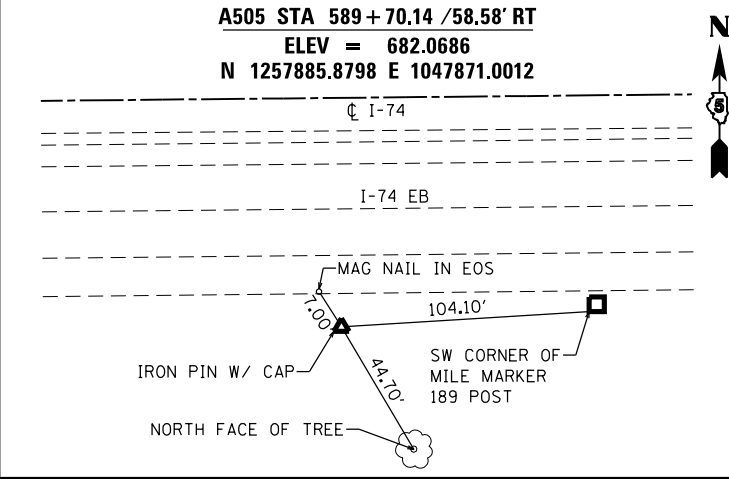
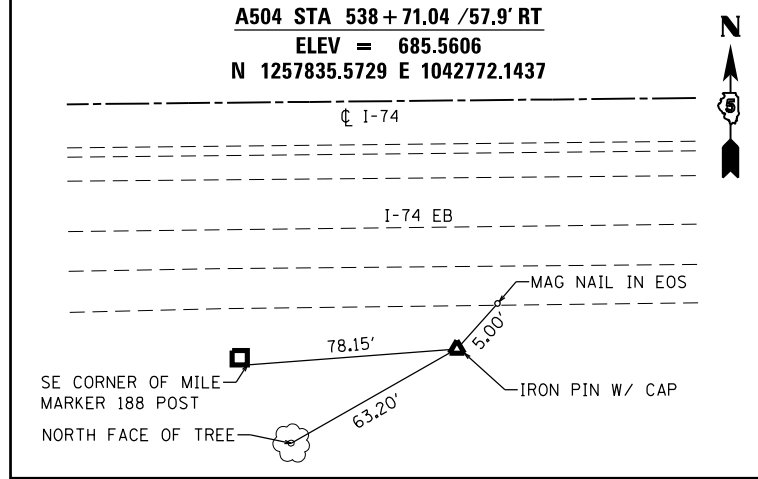
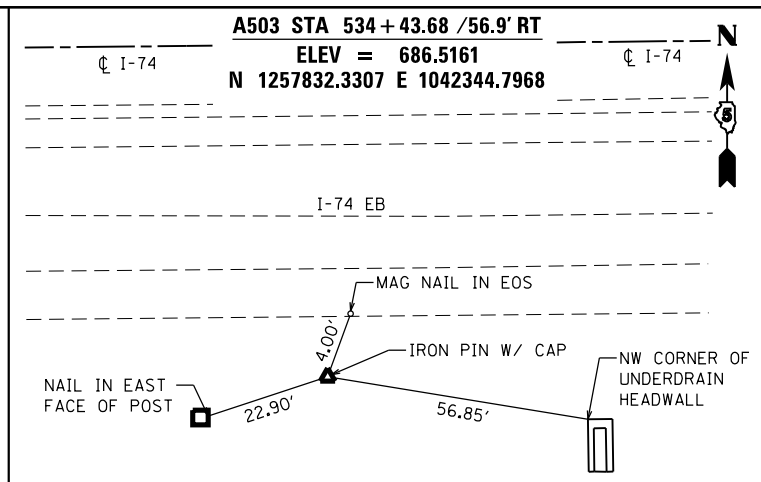
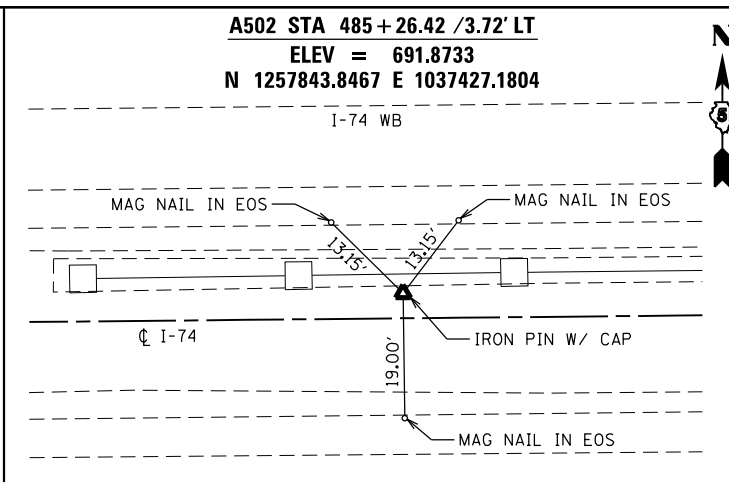
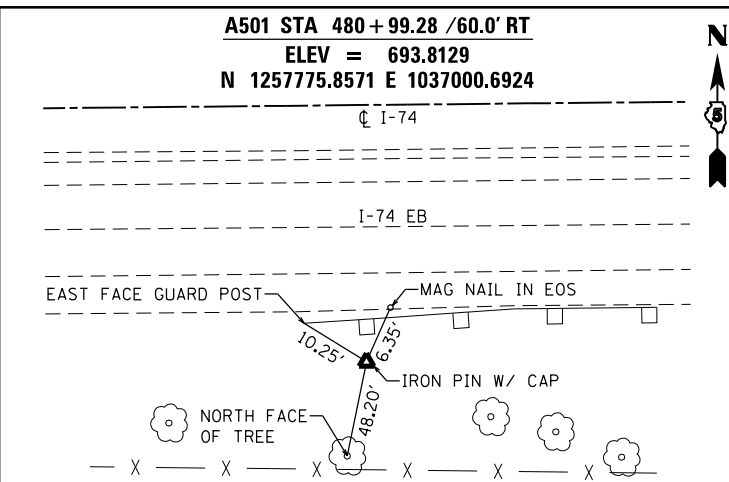
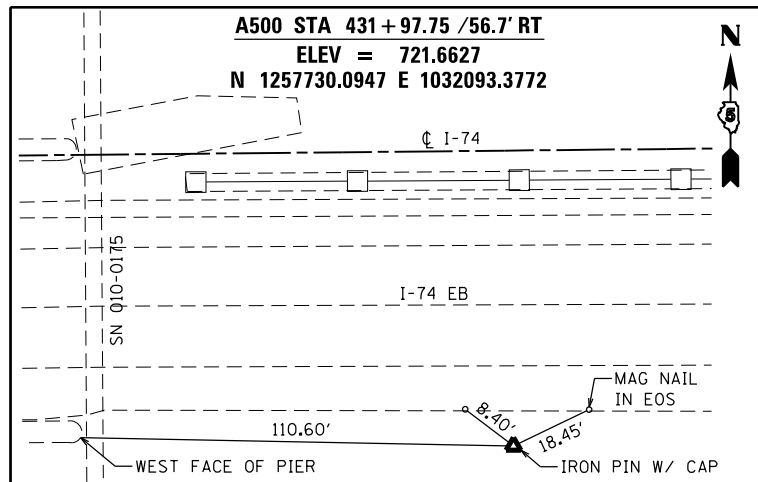
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POINT #	NORTHING	EASTING	STATION	OFFSET	CODE	DESCRIPTION
11	1257775.013	1030909.410	420+08.29	0.000	832	POT
24	1257977.869	1051214.815	623+14.71	0.000	816	PC
3	1257983.446	1051772.510	628+72.42	-2.396	820	PI
25	1257979.442	1052330.219	634+30.13	0.000	835	PT
612	1257896.331	1063907.862	750+08.07	0.000	820	PI KINK
28	1257755.313	1084544.134	956+44.82	0.000	816	PC
4	1257751.048	1085168.299	962+68.97	3.775	820	PI
29	1257761.882	1085792.385	968+93.12	0.000	835	PT
7	1257905.651	1094078.059	1051+80.04	0.000	832	POT
RAMP "A" STATIONS						
POINT #	NORTHING	EASTING	STATION	OFFSET	CODE	DESCRIPTION
166	1257854.645	1063722.702	100+00.00	0.000	832	POT
111	1257854.662	1063720.220	100+02.48	0.000	816	PC
198	1257852.910	1063972.696	102+54.78	-6.476	820	PI
112	1257825.315	1064223.683	105+07.06	0.000	835	PT
113	1257825.315	1064223.683	105+07.06	0.000	816	PC
194	1257795.278	1064496.874	107+75.44	-36.617	820	PI
114	1257631.298	1064717.432	110+43.81	0.000	835	PT
115	1257497.034	1064898.020	112+68.84	0.000	816	PC
191	1257438.462	1064976.802	113+65.45	10.770	820	PI
116	1257418.745	1065072.972	114+62.05	0.000	835	PT
117	1257418.745	1065072.972	114+62.05	0.000	816	PC
190	1257396.327	1065182.320	115+70.30	16.875	820	PI
118	1257439.587	1065285.219	116+78.55	0.000	835	PT
263	1257497.970	1065424.089	118+29.19	0.000	832	POT
RAMP "B" STATIONS						
PT NUMBER	NORTHING	EASTING	STATION	OFFSET	CODE	DESCRIPTION
110	1257523.710	1065402.779	200+00.00	0.00	832	POT
119	1257726.806	1065838.964	204+81.15	0.00	816	PC
135	1257815.327	1066029.080	206+87.67	-22.48	820	PI
120	1257817.122	1066238.786	208+94.18	0.00	835	PT
121	1257821.794	1066784.527	214+39.94	0.00	816	PC
45	1257822.271	1066840.176	214+95.58	0.81	820	PI
122	1257825.973	1066895.704	215+51.21	0.00	835	PT
123	1257825.973	1066895.705	215+51.21	0.00	816	PC
47	1257831.141	1066973.209	216+28.86	-1.35	820	PI
124	1257830.896	1067050.885	217+06.50	0.00	835	PT
21	1257830.282	1067245.359	219+00.98	0.00	832	POT

RAMP "C" STATIONS						
PT NUMBER	NORTHING	EASTING	STATION	OFFSET	CODE	DESCRIPTION
35	1257946.578	1063101.818	300+00.08	0	832	POT
66	1257946.127	1063170.111	300+68.37	0	820	PI
125	1257954.095	1063349.057	302+47.50	0	816	PC
65	1257956.533	1063403.799	303+02.29	-0.501	820	PI
126	1257956.969	1063458.593	303+57.08	0	835	PT
127	1257961.021	1063968.553	308+67.05	0	816	PC
5238	1257962.660	1064174.725	310+70.17	21.808	820	PI
128	1258048.509	1064362.181	312+73.29	0	835	PT
14	1258249.779	1064801.662	317+56.67	0	832	POT
RAMP "D" STATIONS						
PT NUMBER	NORTHING	EASTING	STATION	OFFSET	CODE	DESCRIPTION
19	1258274.360	1064781.312	400+00.00	0.000	832	POT
136	1258338.742	1064922.144	401+54.85	0.000	816	PC
5523	1258383.555	1065020.169	402+59.17	-16.812	820	PI
129	1258363.184	1065126.009	403+63.49	0.000	816	PC
137	1258363.184	1065126.009	403+63.49	0.000	835	PT
5522	1258343.739	1065227.033	404+64.58	-11.790	820	PI
130	1258281.761	1065309.146	405+65.66	0.000	835	PT
131	1258141.151	1065495.437	407+99.06	0.000	816	PC
5521	1257982.105	1065706.153	410+56.67	35.719	820	PI
132	1257953.483	1065968.598	413+14.27	0.000	835	PT
133	1257953.483	1065968.598	413+14.27	0.000	816	PC
30	1257925.919	1066221.344	415+68.30	6.343	820	PI
134	1257923.669	1066475.579	418+22.34	0.000	835	PT
22	1257921.671	1066701.185	420+47.95	0.000	820	POT
SA 12 STATIONS						
PT NUMBER	NORTHING	EASTING	STATION	OFFSET	CODE	DESCRIPTION
80	1258625.783	1064490.366	40+42.41	0	832	POT
41	1257035.625	1065806.865	61+06.82	0	832	POT

HORIZONTAL & GPS CONTROL - GRID COORDINATES WERE USED.
 NAD 83 DATUM WITH A 2011 ADJUSTMENT FOR HORIZONTAL CONTROL AND
 NAVD 88 DATUM WITH A GEOID 12A WAS USED FOR THE VERTICAL CONTROL.
 VERTICAL CONTROL - NAVD 88 DATUM

BENCHMARKS

NO PERMANENT BENCHMARKS WERE SET ALONG THIS PROJECT.
 THE MAJORITY OF THE PROJECT WAS SURVEYED BY MEANS OF
 REAL-TIME GPS. THE ELEVATIONS THAT ARE LEFT ON THE
 PROJECT ARE GPS ELEVATIONS ON THE TRAVERSE STATIONS.



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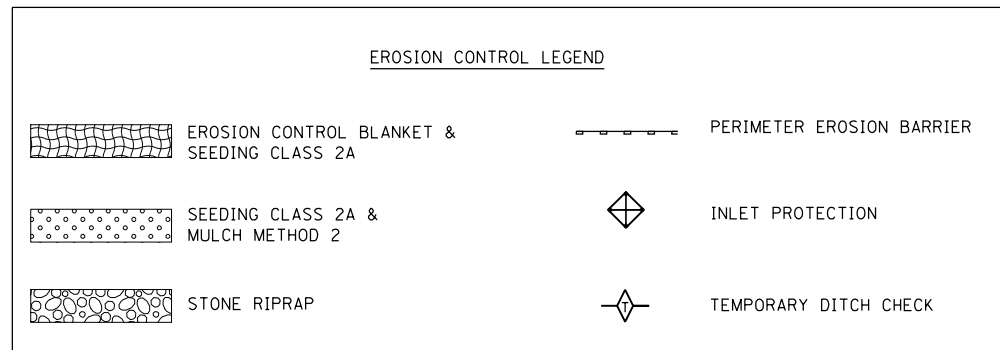
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REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENTS, TIE POINTS & BENCHMARKS
 SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	37
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				



POT Sta 420+08.29

421 I-74 422 423 424

BEGIN SECTION
STA 427+69.46

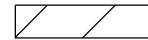
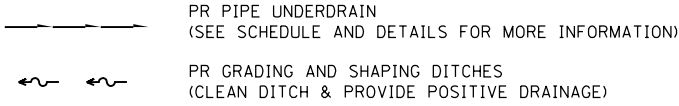
PR DRAINAGE
SEE SCHEDULES
AND DETAILS

SN 010-0175
I-74 STA 430+69.46

PR HMA SURFACE REMOVAL 1 3/4"
PR HMA SHOULDERS 1 3/4"



LEGEND



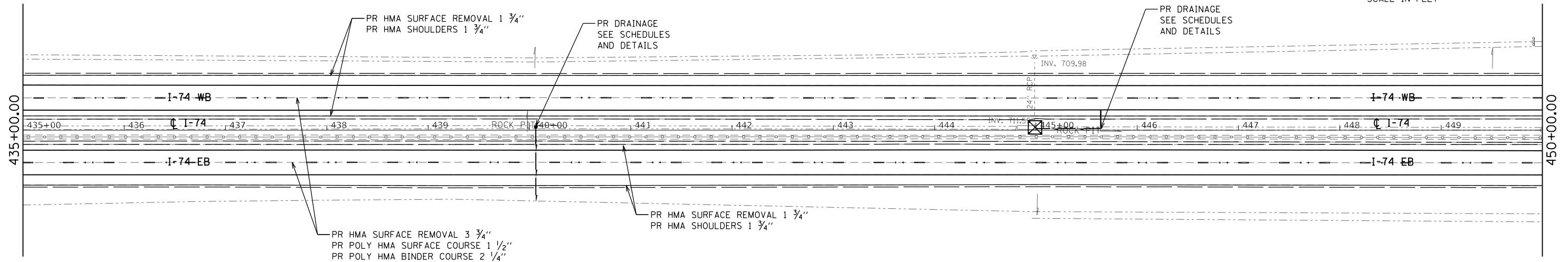
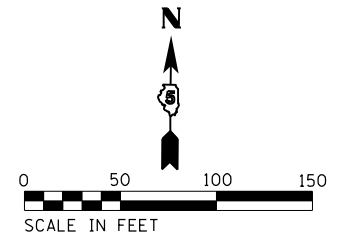
FULL DEPTH PAY ITEMS
PAVEMENT REMOVAL
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 15 3/4"
SUB-BASE GRANULAR MATERIAL, 6"
PAVED SHOULDER REMOVAL
HOT-MIX ASPHALT SHOULDERS (8")

PR DRAINAGE
SEE SCHEDULES
AND DETAILS
(TYP)

PR HMA SURFACE REMOVAL 3 3/4"
PR POLY HMA SURFACE COURSE 1 1/2"
PR POLY HMA BINDER COURSE 2 1/4"

PR HMA SURFACE REMOVAL 1 3/4"
PR HMA SHOULDERS 1 3/4"

S11, T19N, R9E



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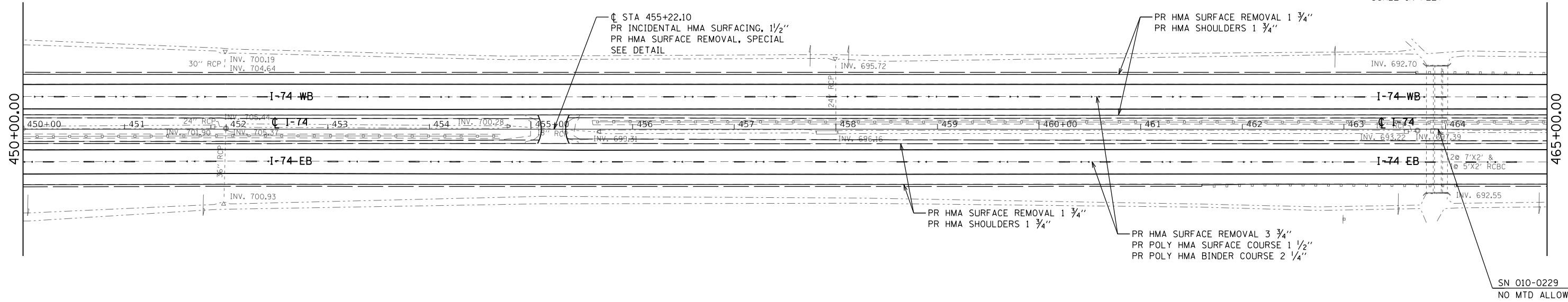
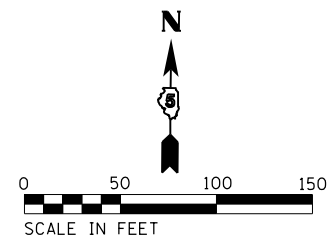
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-74
PLAN SHEET**
SCALE: 1" = 50' SHEET OF SHEETS STA. 420+08.29 TO STA. 450+00.00

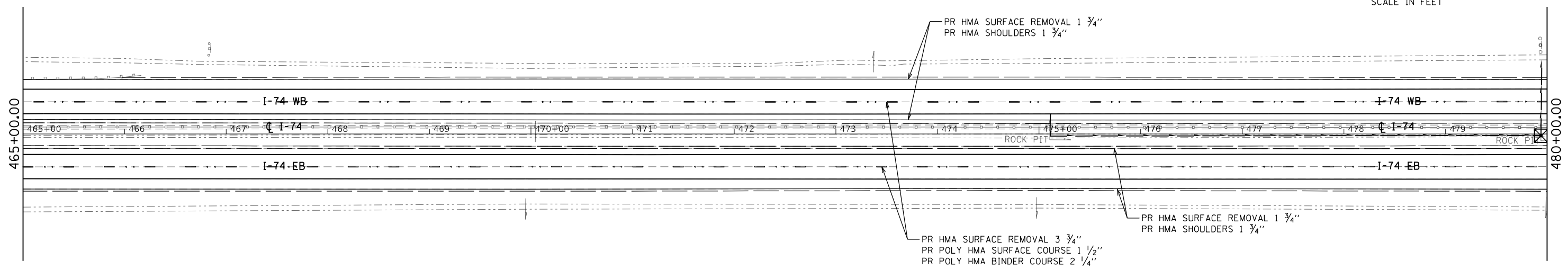
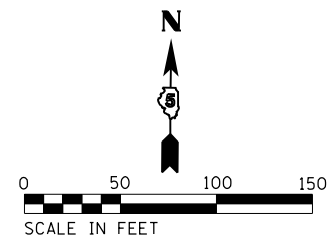
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74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	38
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				

S11, T19N, R9E



SN 010-0229
NO MTD ALLOWED

S11, T19N, R9E



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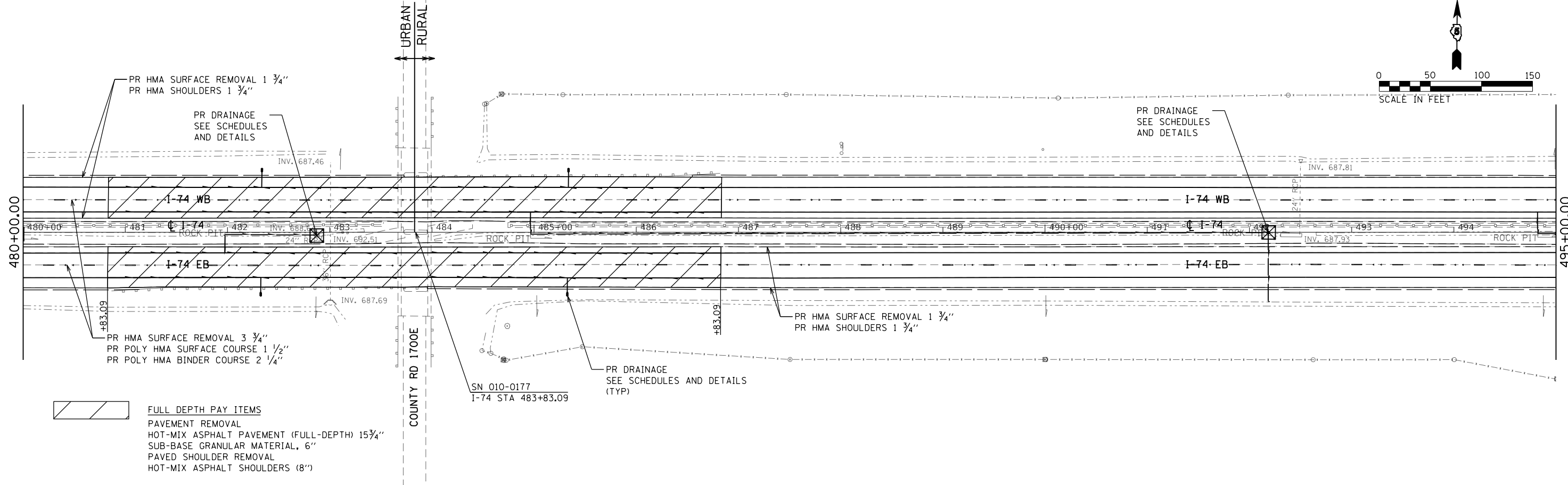
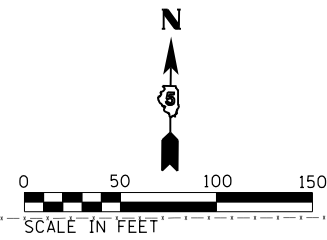
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

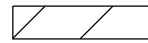
I-74 PLAN SHEET	
SCALE: 1" = 50'	SHEET OF SHEETS STA. 450+00.00 TO STA. 480+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	39
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				

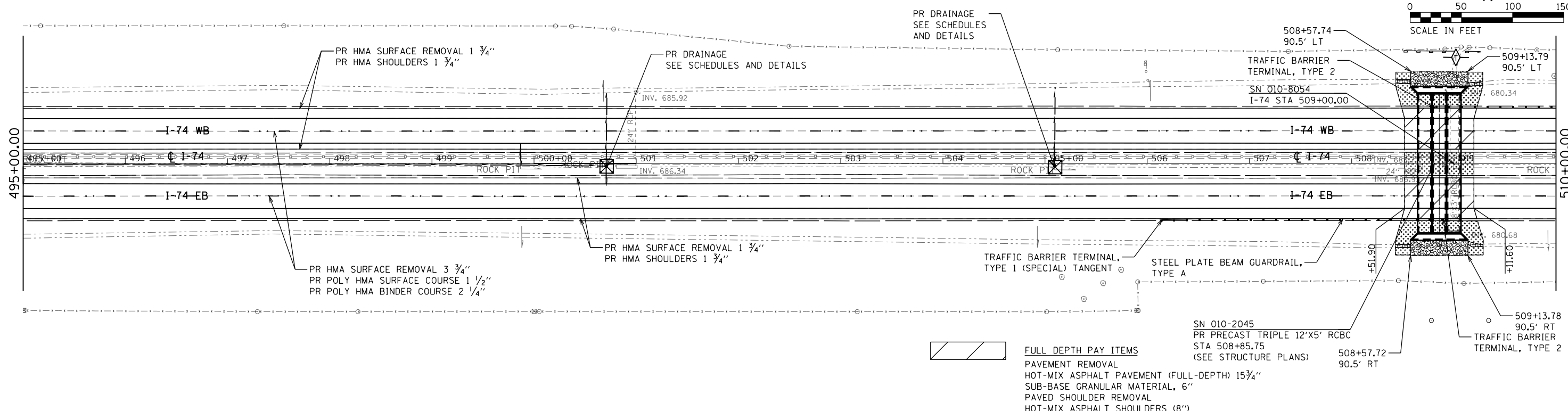
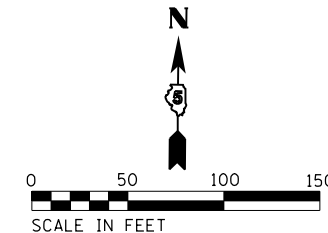
S11, T19N, R9E

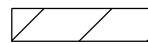
S12, T19N, R9E



 FULL DEPTH PAY ITEMS
 PAVEMENT REMOVAL
 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 15 3/4"
 SUB-BASE GRANULAR MATERIAL, 6"
 PAVED SHOULDER REMOVAL
 HOT-MIX ASPHALT SHOULDERS (8")

S12, T19N, R9E



 FULL DEPTH PAY ITEMS
 PAVEMENT REMOVAL
 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 15 3/4"
 SUB-BASE GRANULAR MATERIAL, 6"
 PAVED SHOULDER REMOVAL
 HOT-MIX ASPHALT SHOULDERS (8")

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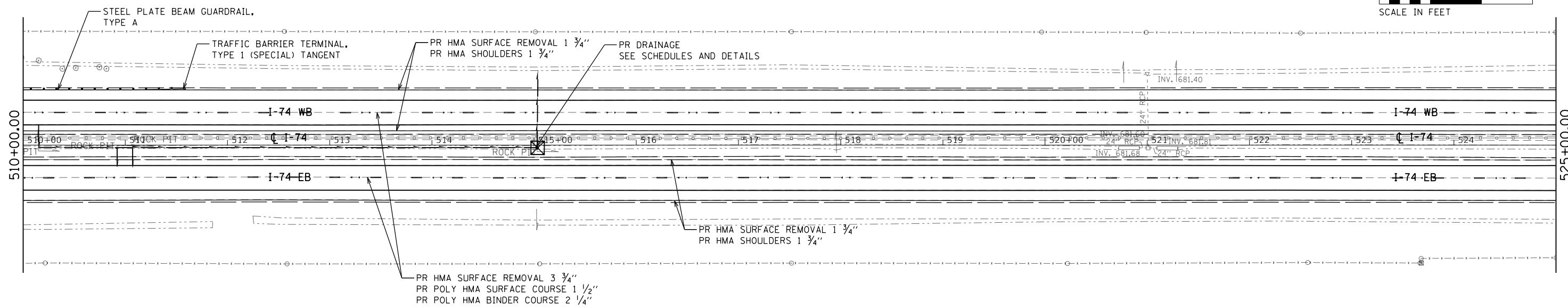
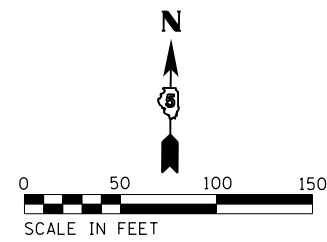
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DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

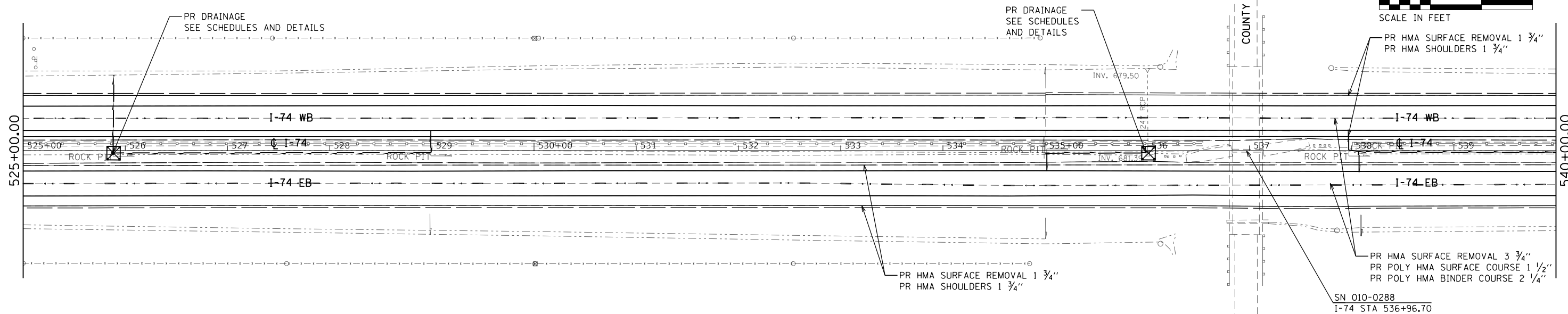
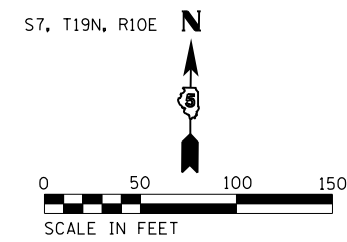
**I-74
 PLAN SHEET**
 SCALE: 1" = 50'
 SHEET OF SHEETS STA. 480+00.00 TO STA. 510+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	40
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				

S12, T19N, R9E



S12, T19N, R9E



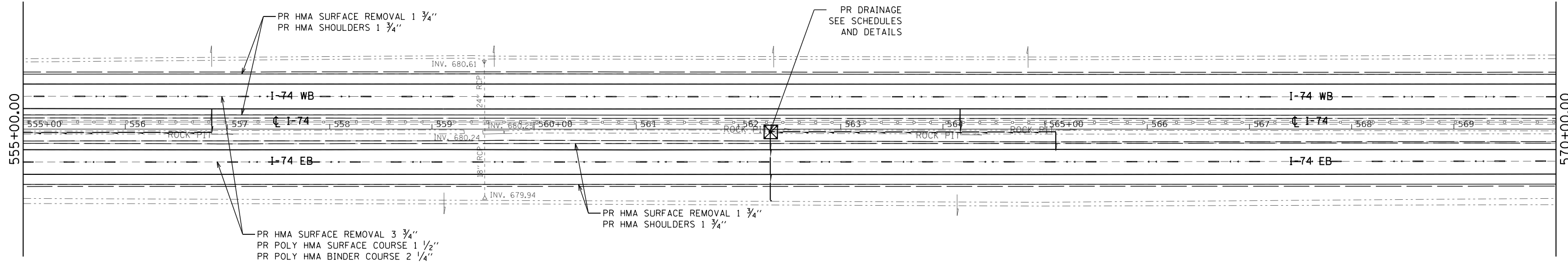
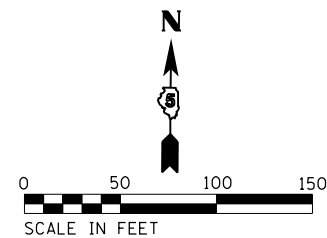
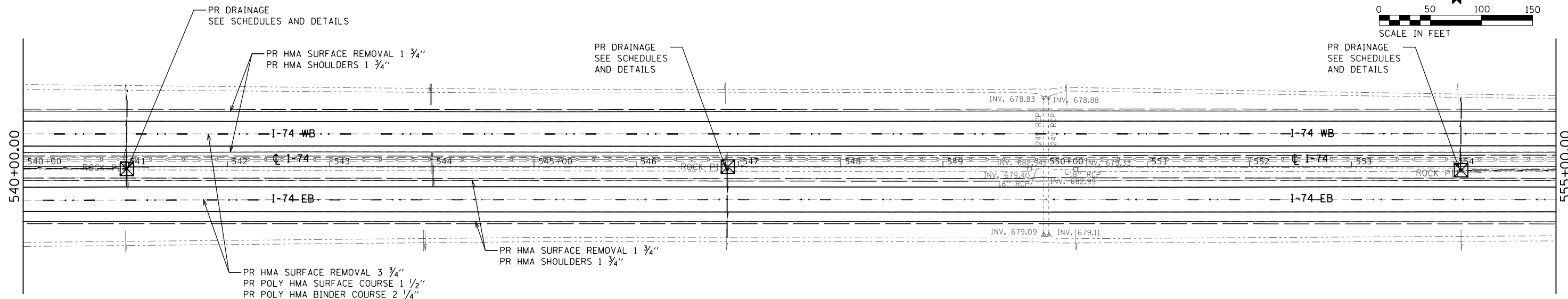
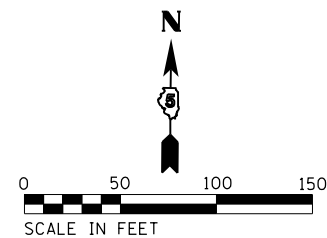
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-74
PLAN SHEET**

SCALE: 1" = 50' SHEET OF SHEETS STA. 510+00.00 TO STA. 540+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	41
CONTRACT NO. 70789			ILLINOIS FED. AID PROJECT	



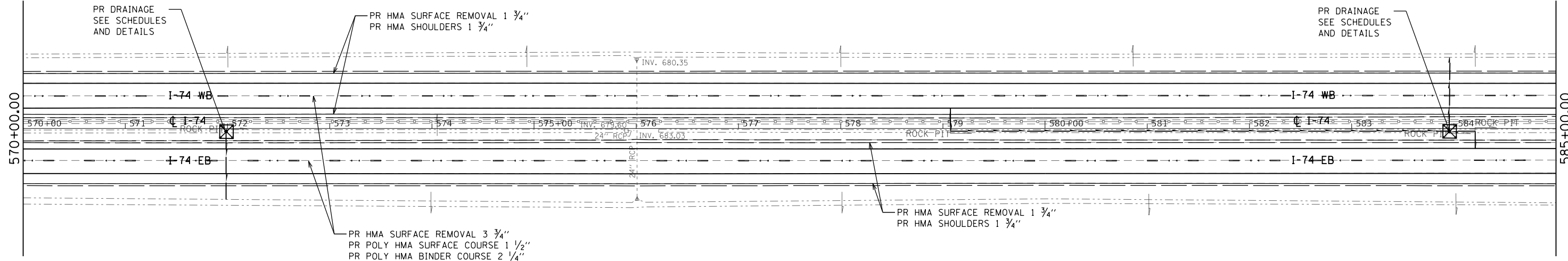
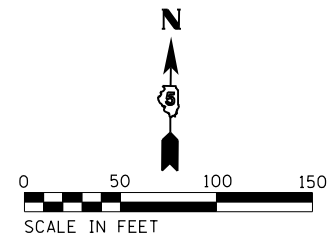
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Default	PLOT DATE = 10/13/2017 - 11:28:23 AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-74 PLAN SHEET	
SCALE: 1" = 50'	SHEET OF SHEETS
STA. 540+00.00	TO STA. 570+00.00

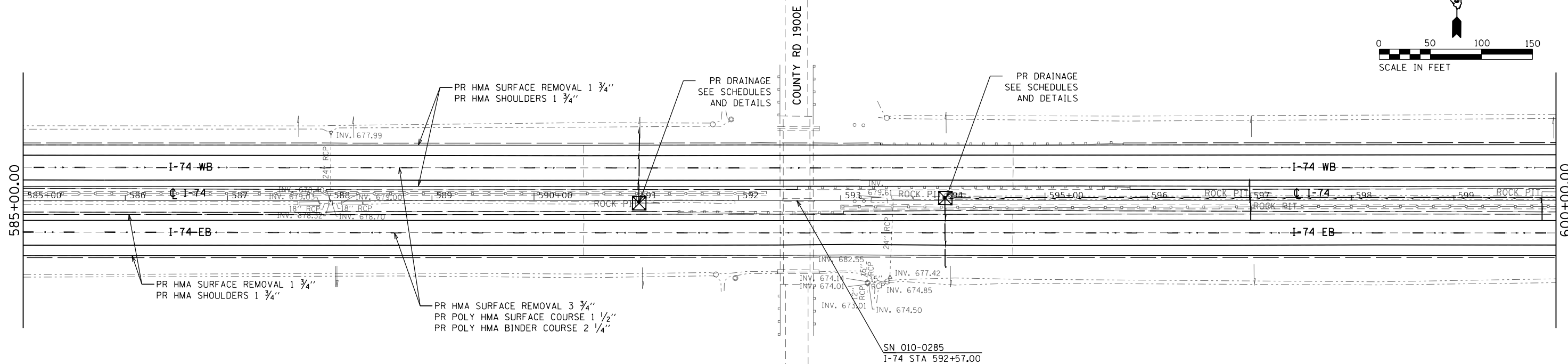
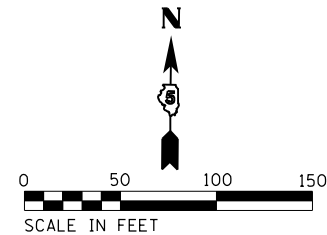
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	42
CONTRACT NO. 70789			ILLINOIS FED. AID PROJECT	

S7, T19N, R10E



S7, T19N, R10E

S8, T19N, R10E



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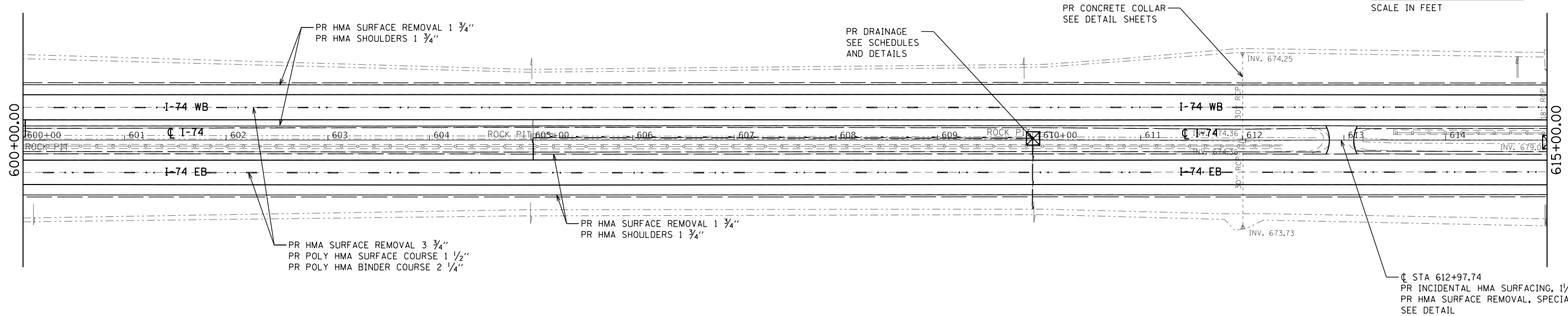
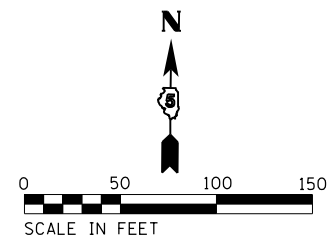
REVISED -
REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

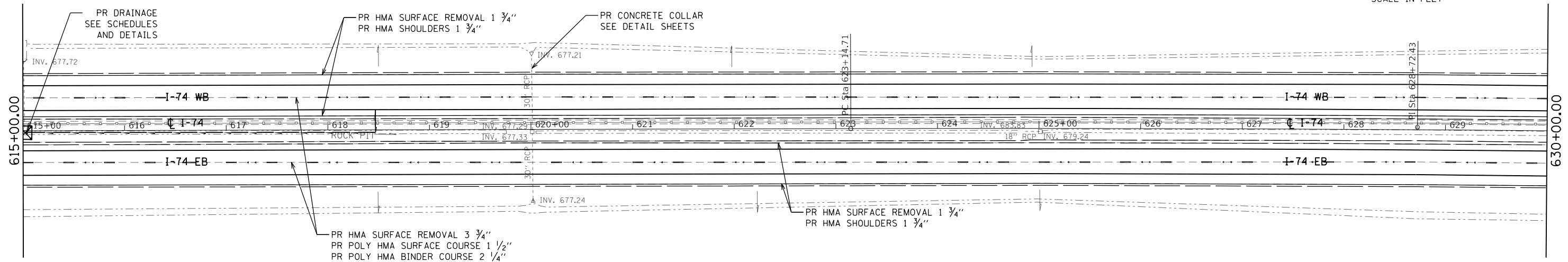
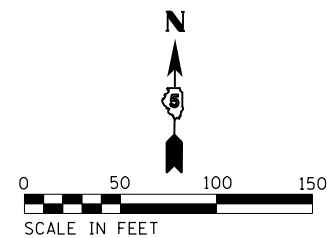
I-74
PLAN SHEET
SCALE: 1" = 50'
SHEET OF SHEETS
STA. 570+00.00 TO STA. 600+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	43
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				

S8, T19N, R10E



S8, T19N, R10E



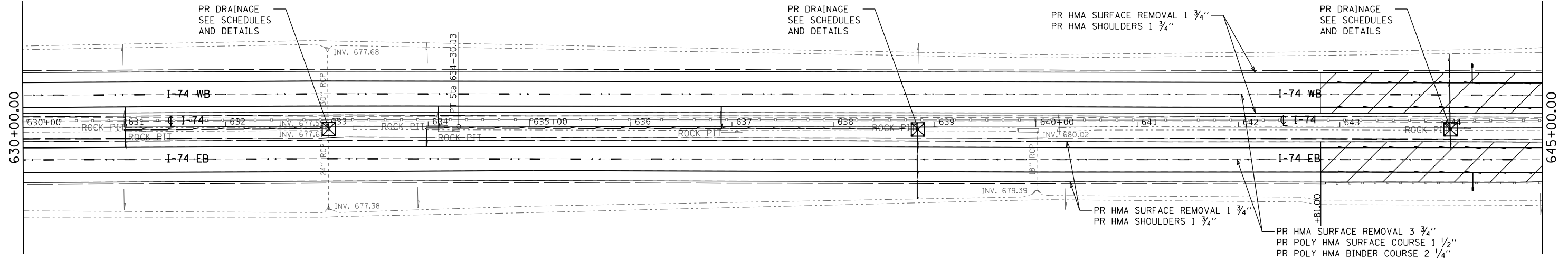
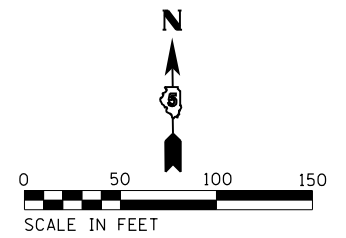
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		DATE -	REVISED -


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-74 PLAN SHEET		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	44
SCALE: 1" = 50'		SHEET OF SHEETS		STA. 600+00.00 TO STA. 630+00.00		CONTRACT NO. 70789

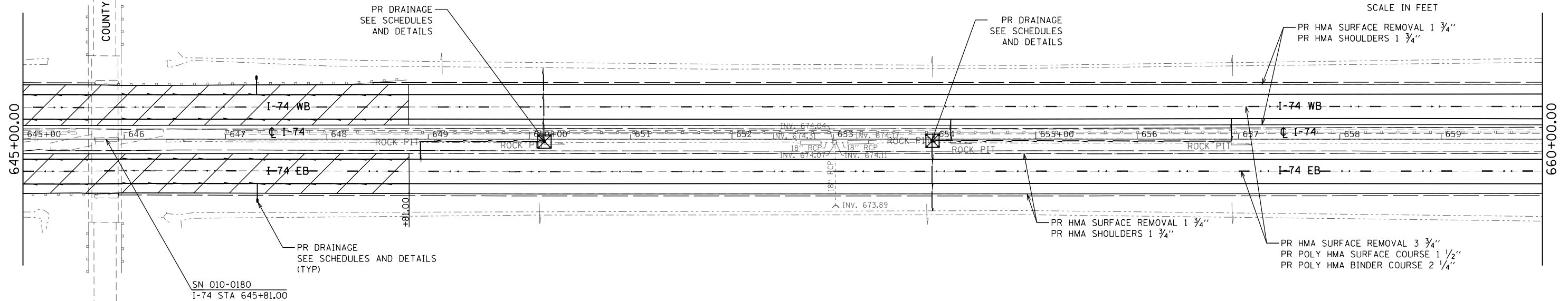
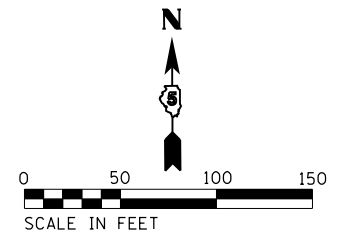
ILLINOIS FED. AID PROJECT	
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S8, T19N, R10E



 FULL DEPTH PAY ITEMS
 PAVEMENT REMOVAL
 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 15 3/4"
 SUB-BASE GRANULAR MATERIAL, 6"
 PAVED SHOULDER REMOVAL
 HOT-MIX ASPHALT SHOULDERS (8")

S9, T19N, R10E



 FULL DEPTH PAY ITEMS
 PAVEMENT REMOVAL
 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 15 3/4"
 SUB-BASE GRANULAR MATERIAL, 6"
 PAVED SHOULDER REMOVAL
 HOT-MIX ASPHALT SHOULDERS (8")

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DESIGNED -
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 CHECKED -
 DATE -

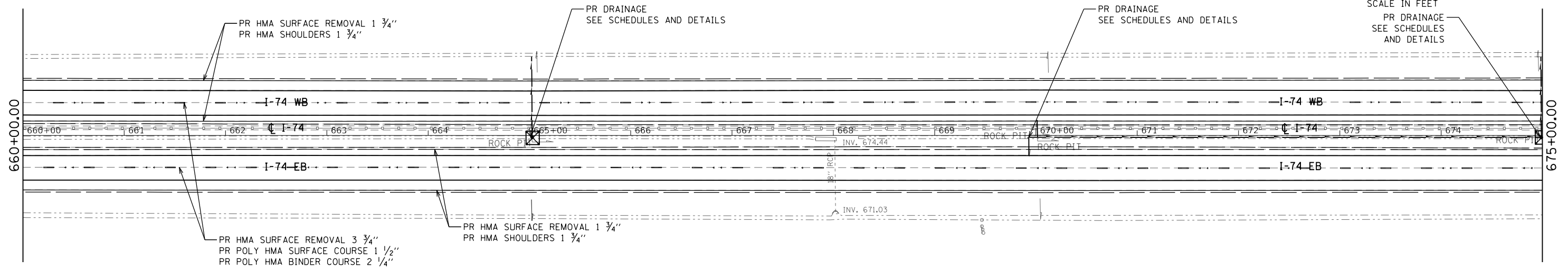
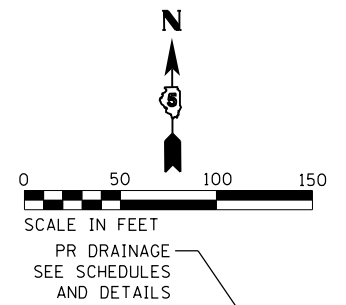
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

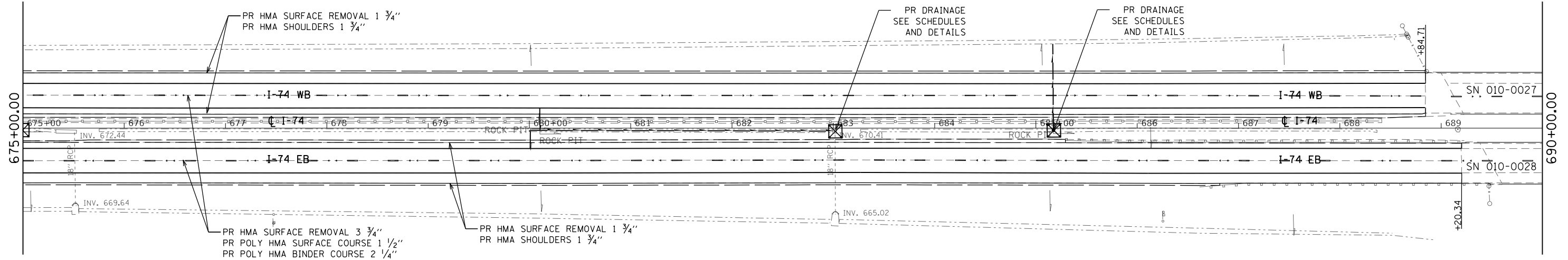
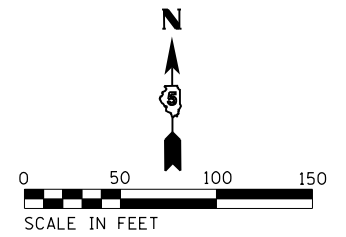
**I-74
 PLAN SHEET**
 SCALE: 1" = 50'
 SHEET OF SHEETS STA. 630+00.00 TO STA. 660+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	45
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70789	

S9, T19N, R10E



S9, T19N, R10E



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

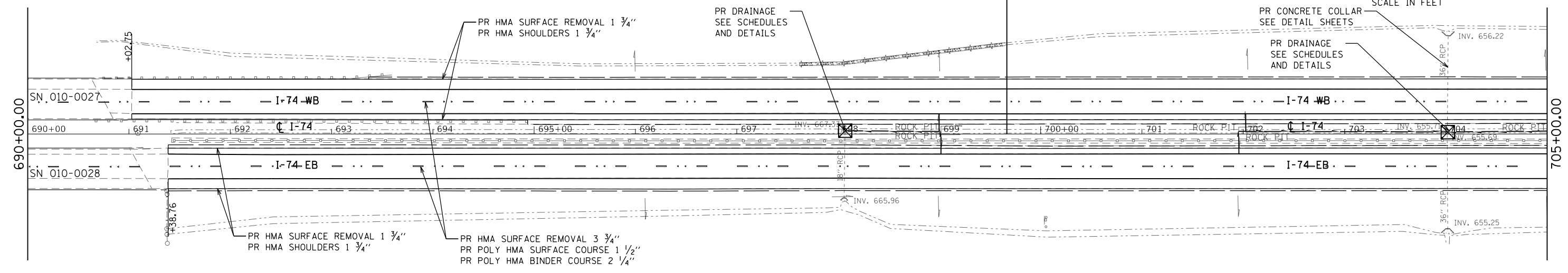
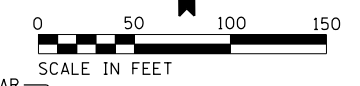
I-74 PLAN SHEET			
SCALE: 1" = 50'	SHEET	OF	SHEETS
		STA. 660+00.00	TO STA. 690+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	46
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				

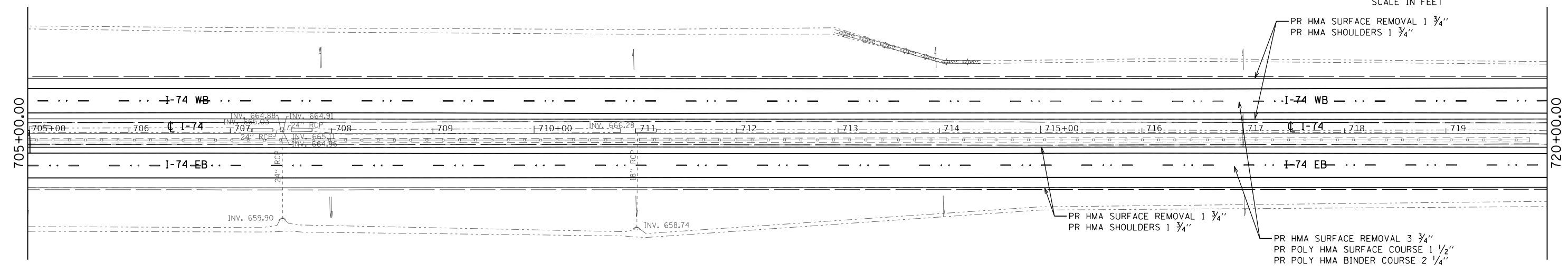
S9, T19N, R10E

S10, T19N, R10E

RURAL
URBAN



S10, T19N, R10E

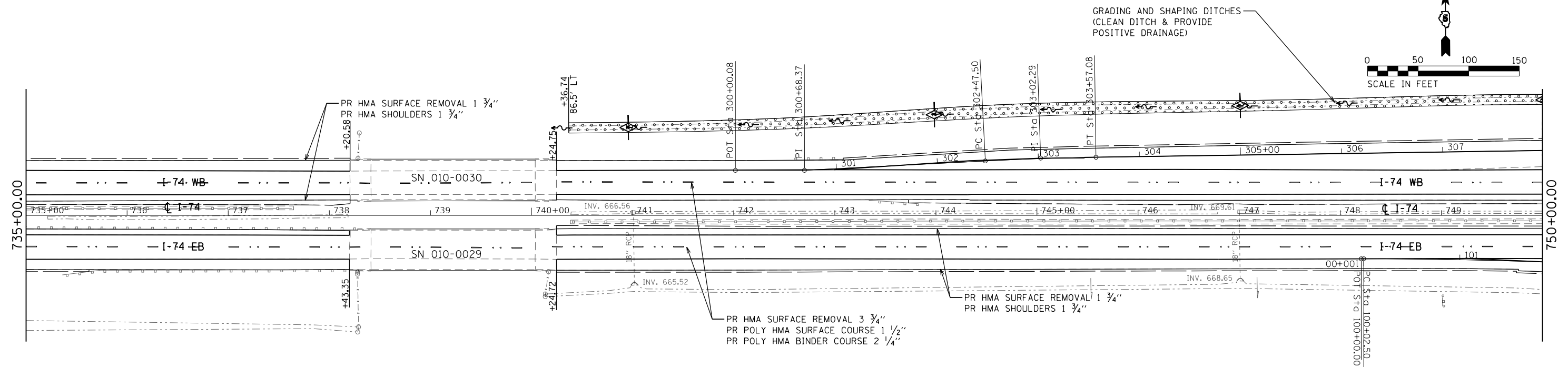
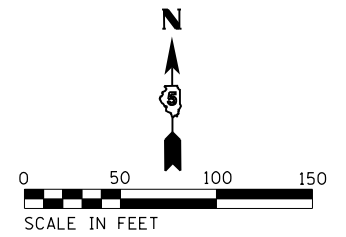
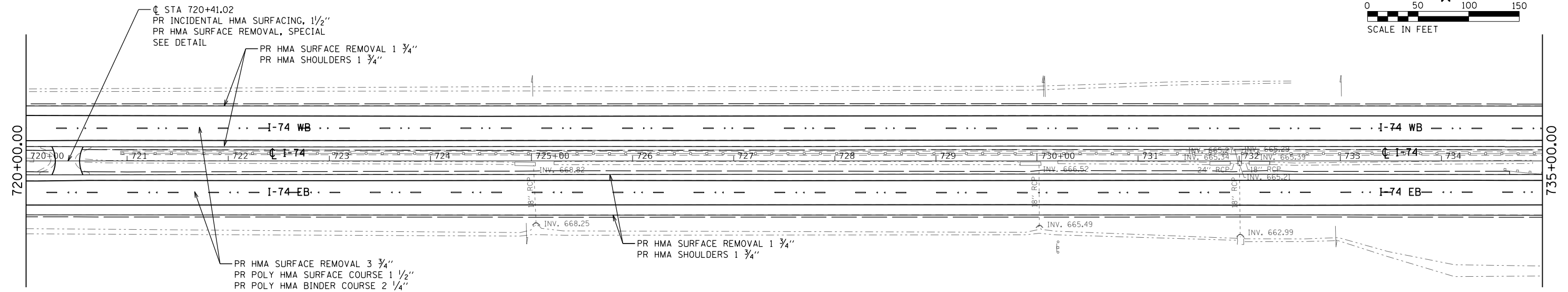
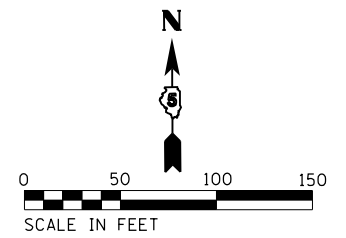


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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-74 PLAN SHEET			
SCALE: 1" = 50'	SHEET	OF	SHEETS
STA. 690+00.00		TO STA. 720+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	47
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				

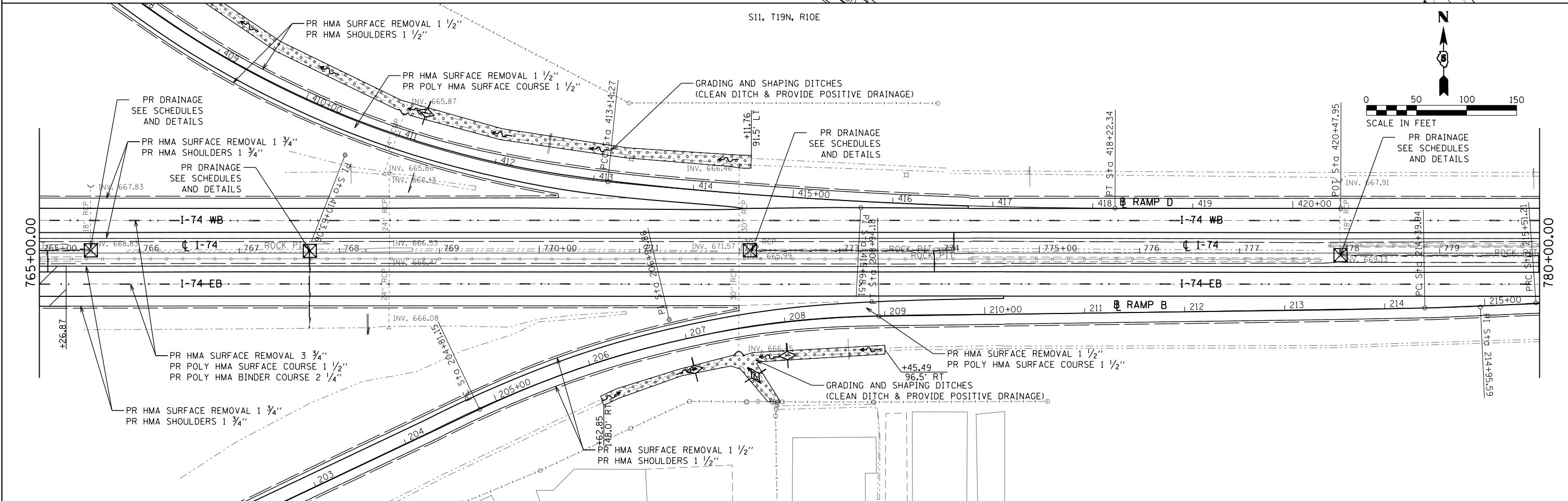
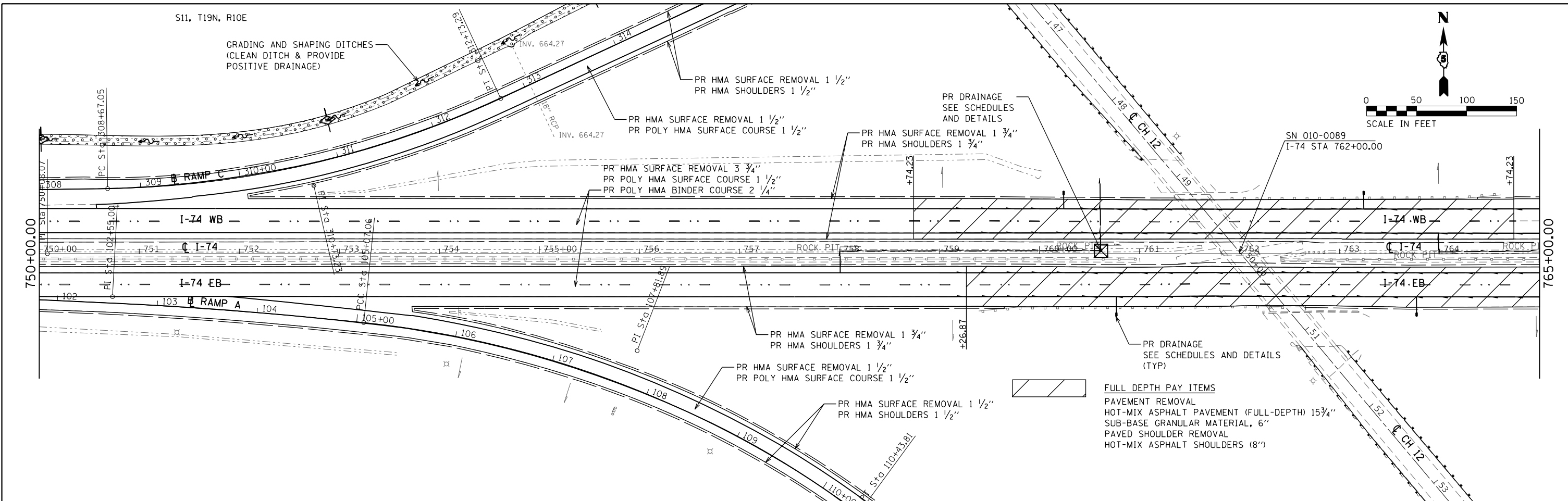


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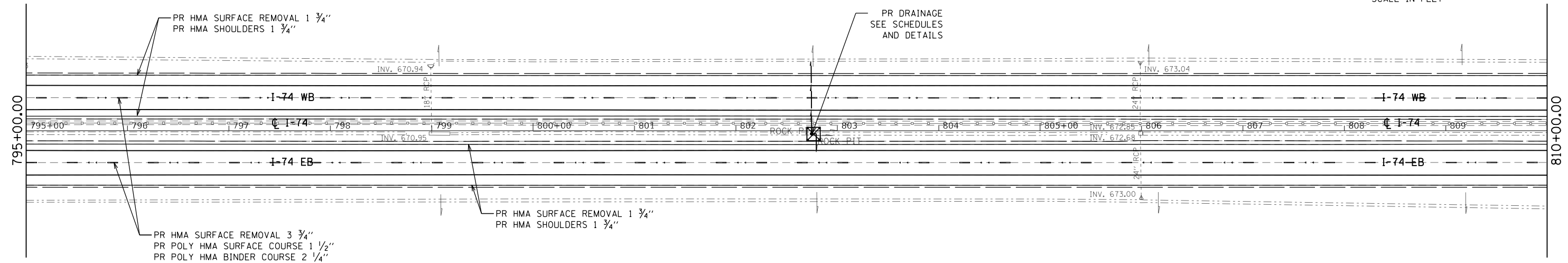
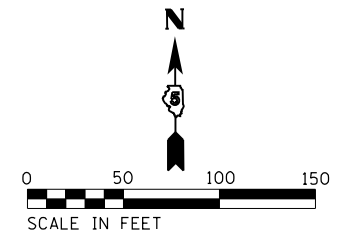
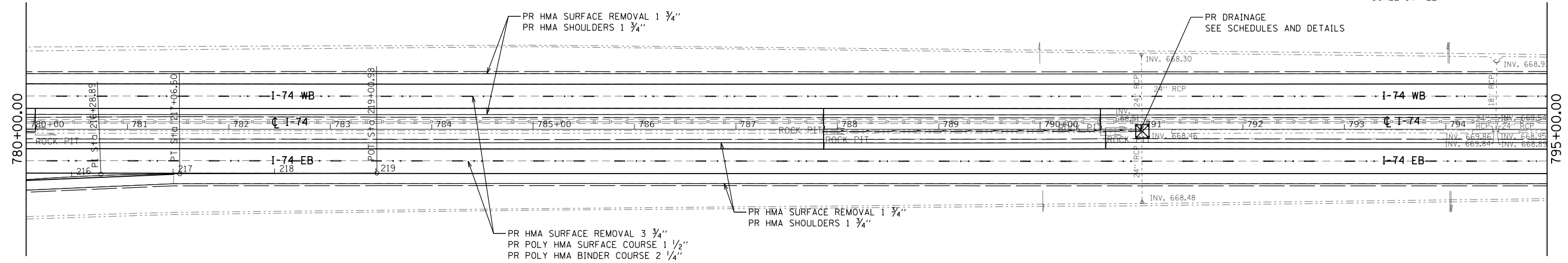
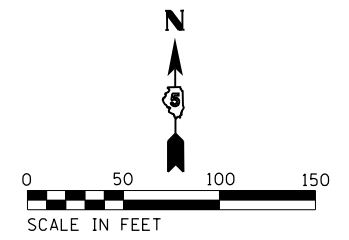
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-74 PLAN SHEET	
SCALE: 1" = 50'	SHEET OF SHEETS STA. 720+00.00 TO STA. 750+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	48
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				



FILE NAME = ... \0570789-sht-plan-174.dgn	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 PLAN SHEET	F.A.I. R.T.E. = 74	SECTION = 10-6RS-4 & 10-7RS-3	COUNTY = CHAMPAIGN	TOTAL SHEETS = 109	SHEET NO. = 49		
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			SCALE: 1" = 50'	SHEET OF SHEETS	STA. 750+00.00 TO STA. 780+00.00	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 10/13/2017 - 11:28:28 AM	CHECKED -	REVISED -			CONTRACT NO. 70789						
		DATE -	REVISED -									

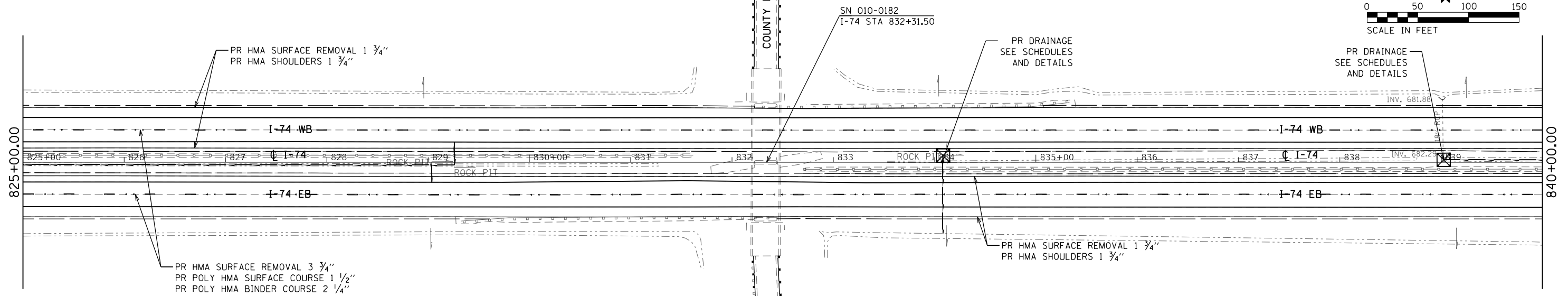
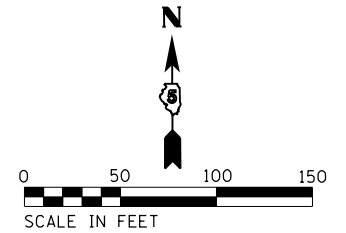
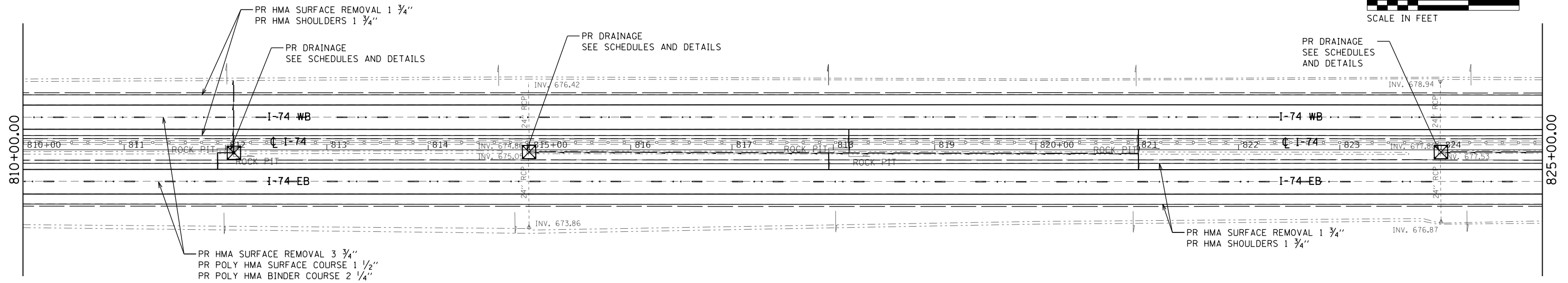
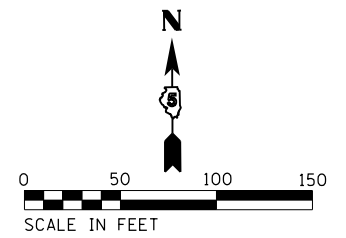


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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-74 PLAN SHEET			
SCALE: 1" = 50'	SHEET	OF	SHEETS
	STA. 780+00.00	TO	STA. 810+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	50
CONTRACT NO. 70789			ILLINOIS FED. AID PROJECT	



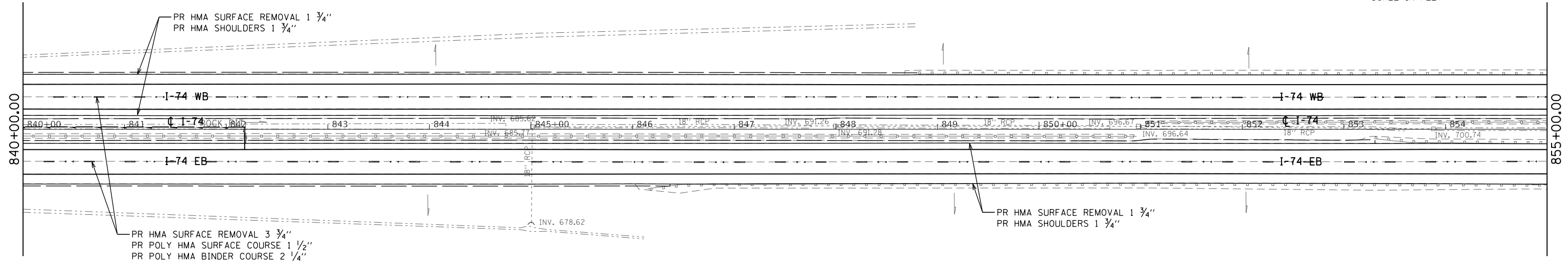
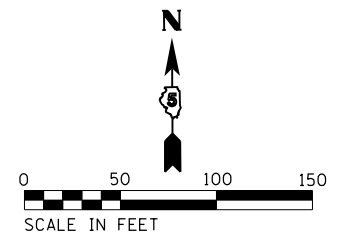
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-74 PLAN SHEET	
SCALE: 1" = 50'	SHEET OF SHEETS
STA. 810+00.00 TO STA. 840+00.00	

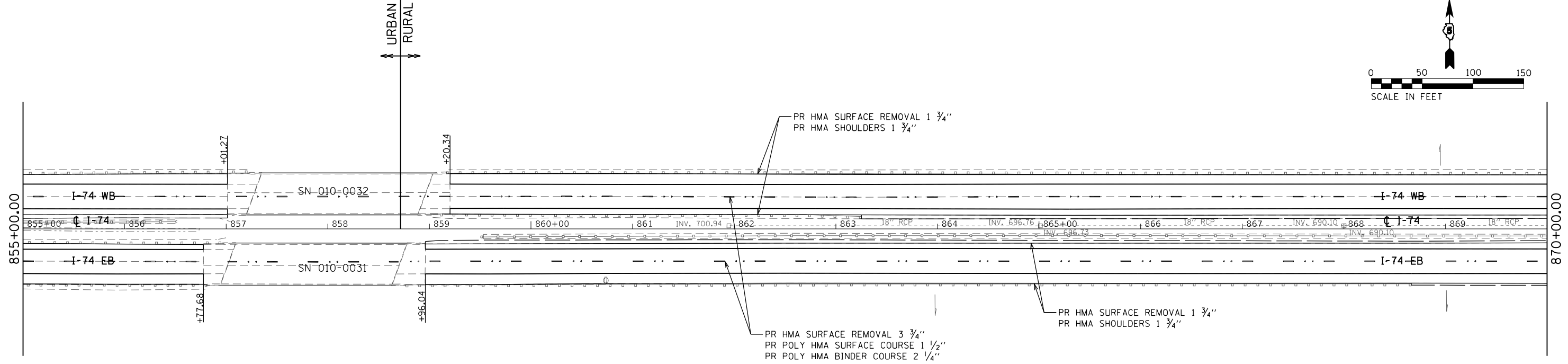
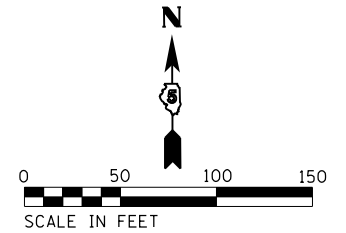
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	51
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				

S12, T19N, R10E



S12, T19N, R10E

S7, T19N, R11E

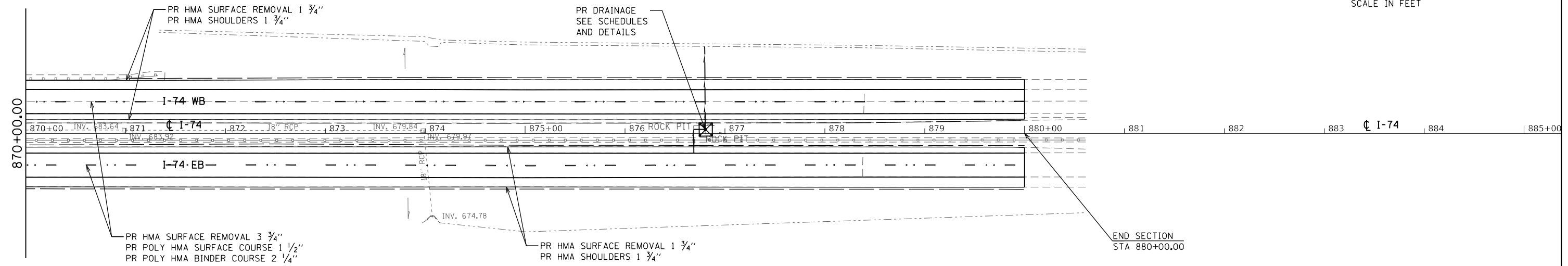
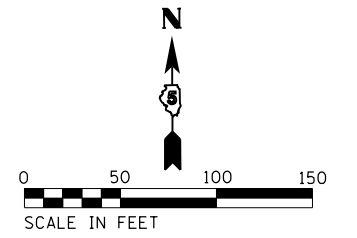


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		DATE -	REVISED -

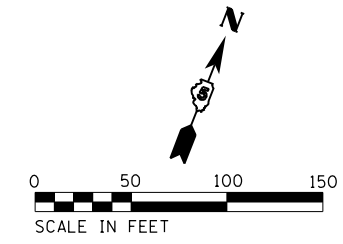
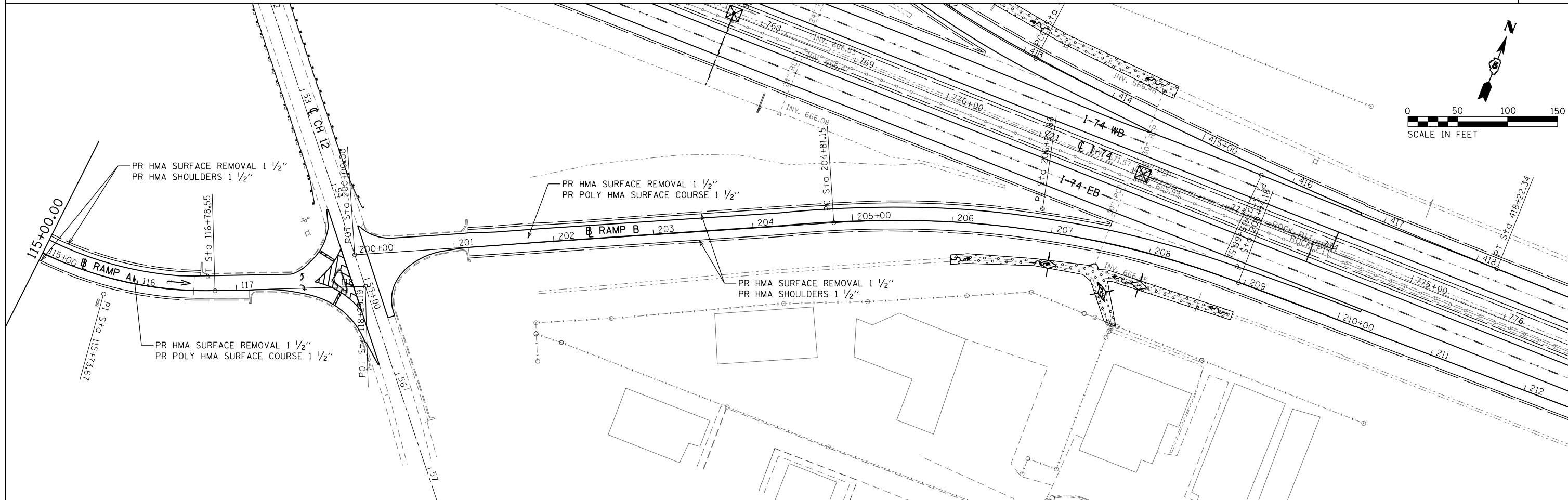
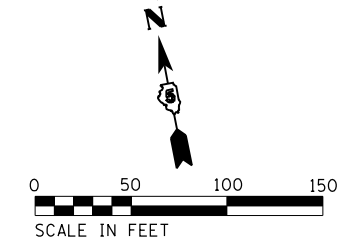
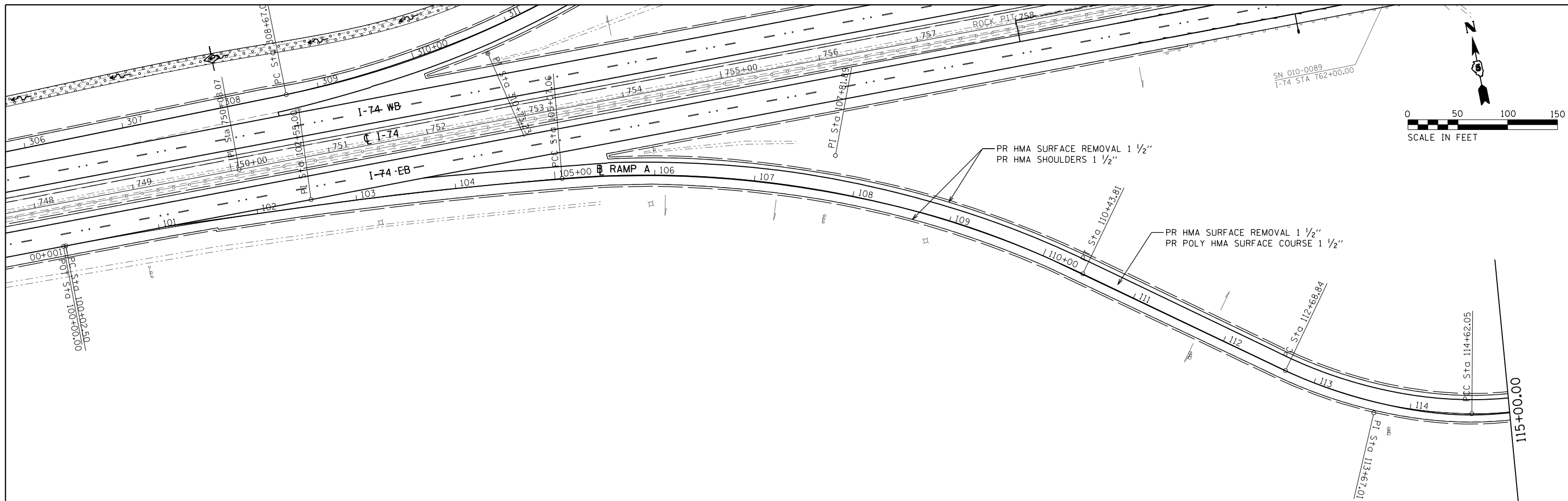
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-74 PLAN SHEET	
SCALE: 1" = 50'	SHEET OF SHEETS STA. 840+00.00 TO STA. 870+00.00

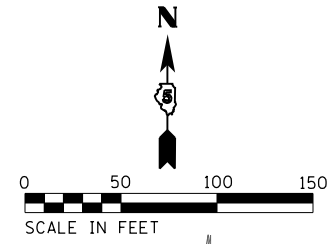
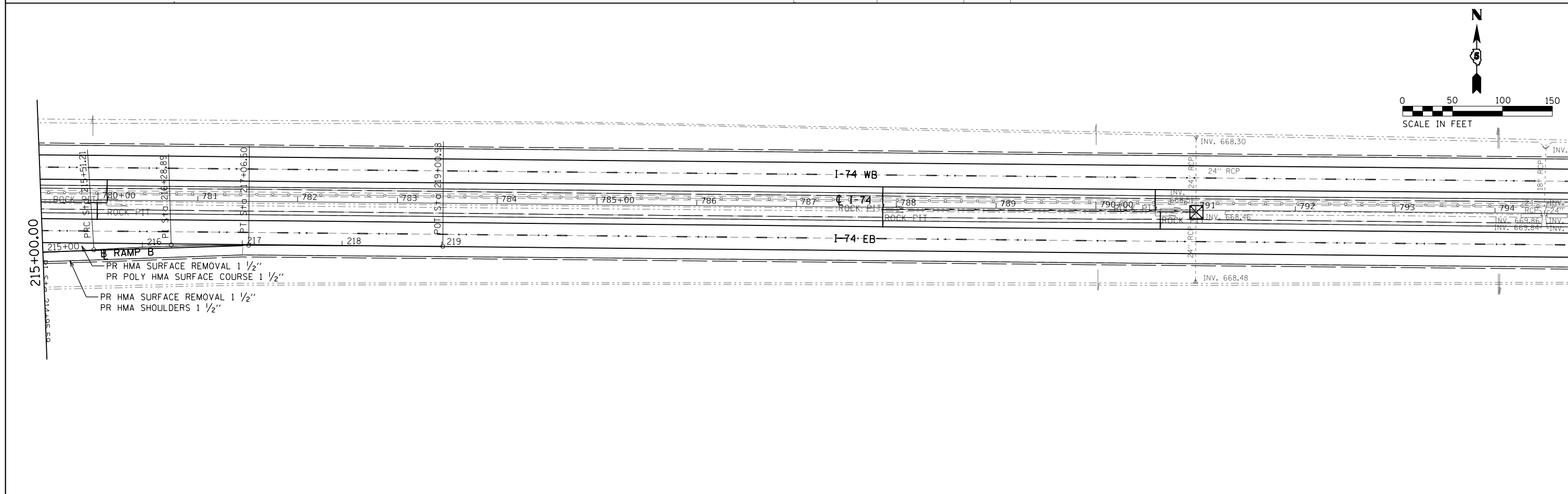
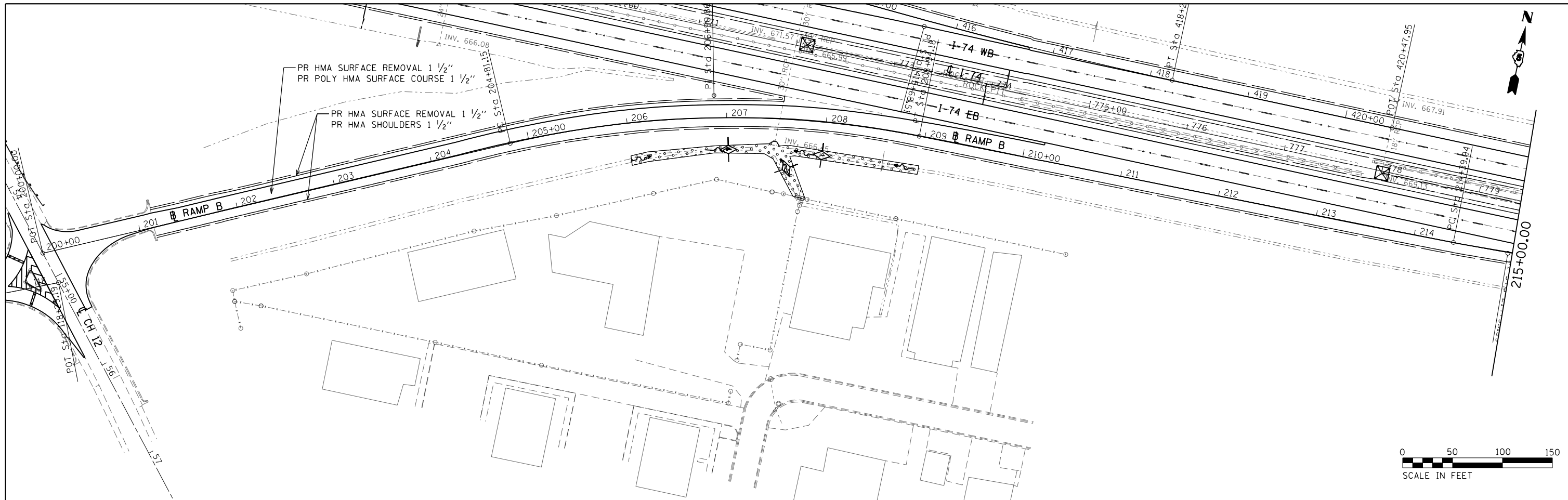
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	52
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				



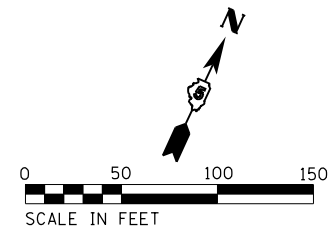
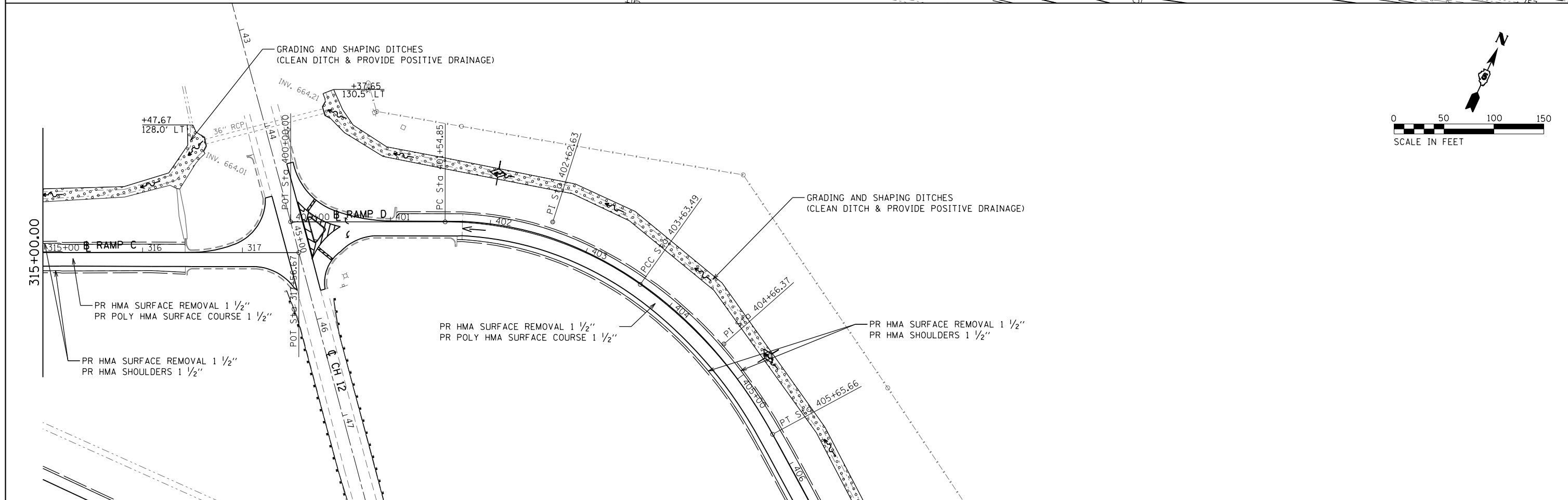
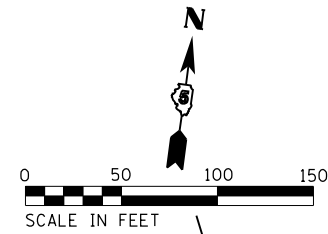
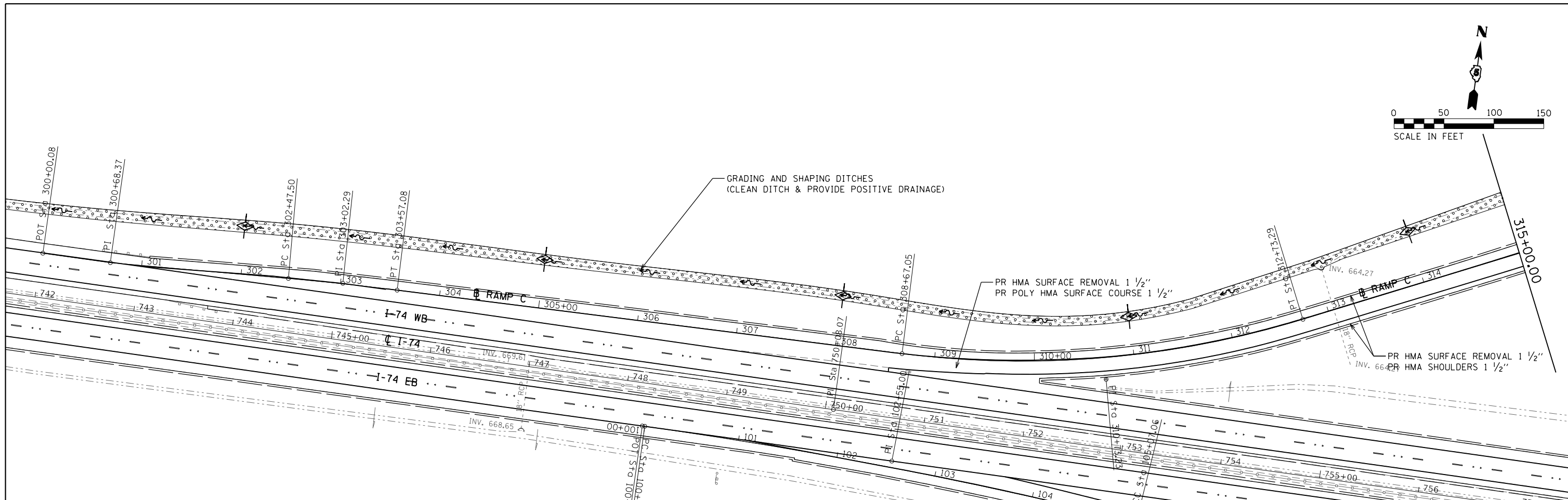
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	53	
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						CONTRACT NO. 70789					



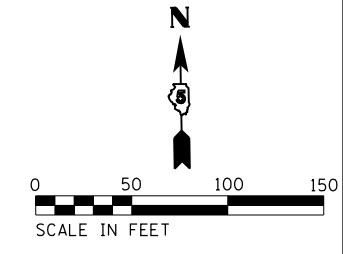
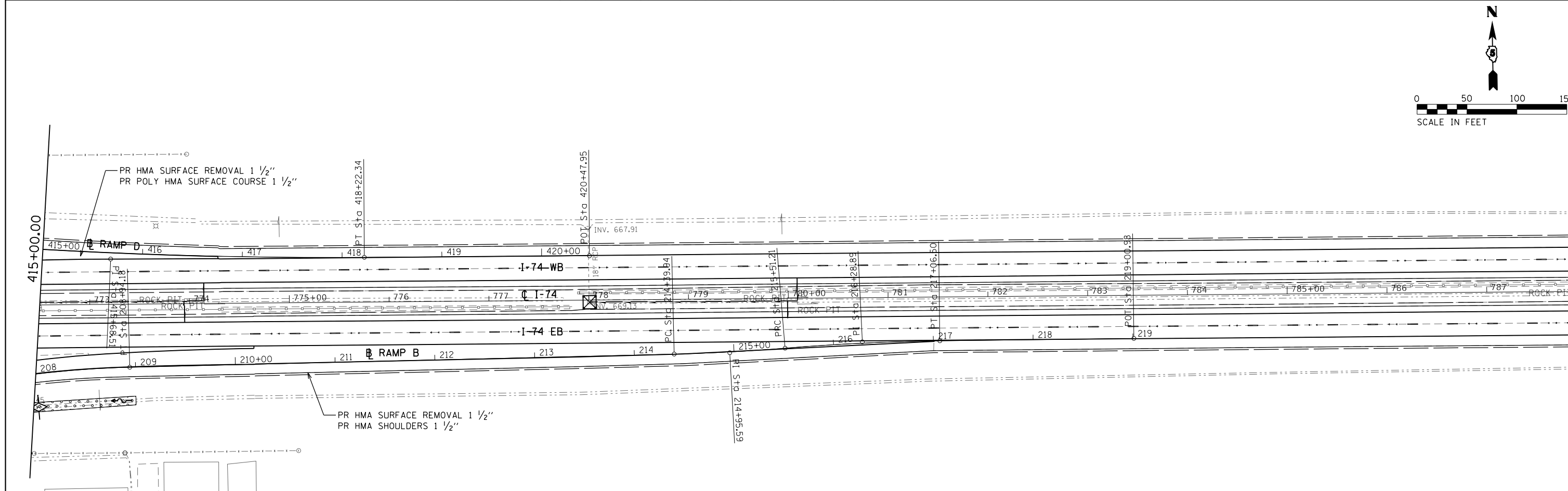
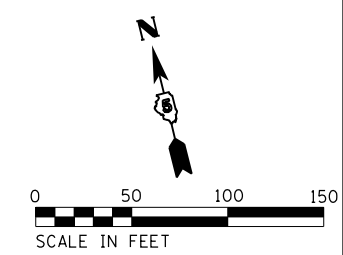
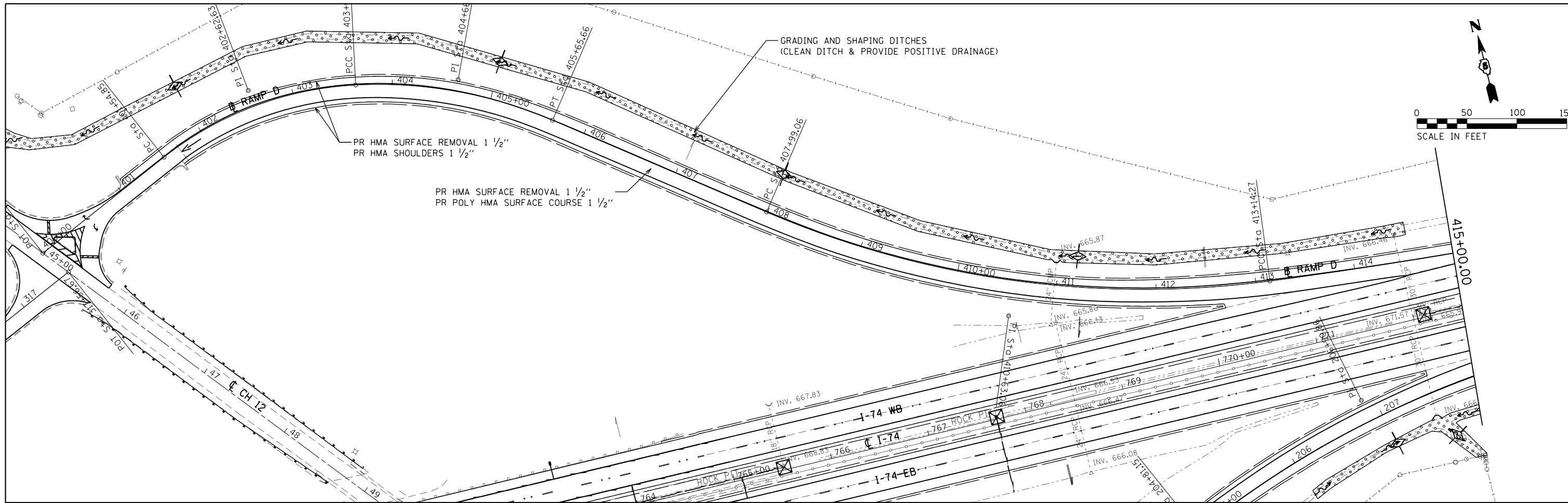
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Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET	OF	SHEETS	STA. 100+00.00	TO STA. 118+29.19	74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	54
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		DATE -	REVISED -									ILLINOIS FED. AID PROJECT			



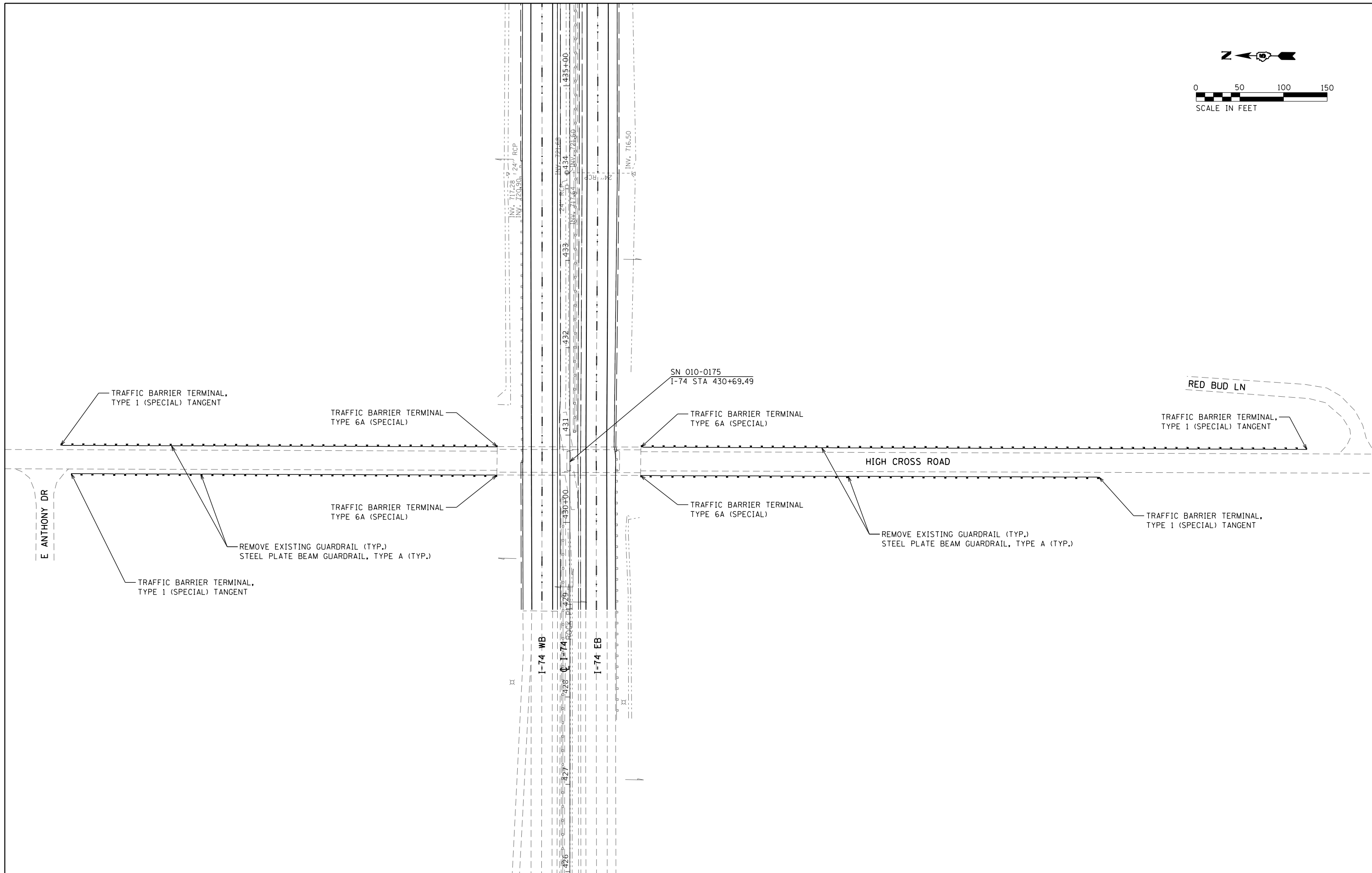
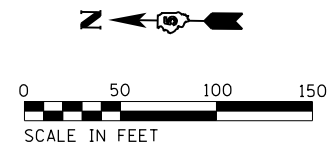
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Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET	OF	SHEETS	74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	55
	PLOT DATE = 10/13/2017 - 11:29:32 AM	CHECKED -	REVISED -		STA. 200+00.00	TO STA. 219+00.98			CONTRACT NO. 70789				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



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Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET	OF	SHEETS	STA. 300+00.08	TO STA. 317+56.67	74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	56
	PLOT DATE = 10/13/2017 - 11:29:32 AM	CHECKED -	REVISED -		CONTRACT NO. 70789										
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT										



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Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET	OF	SHEETS	STA. 400+00.00	TO STA. 420+47.95	74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	57
	PLOT DATE = 10/13/2017 - 11:29:34 AM	CHECKED -	REVISED -												
		DATE -	REVISED -												
											CONTRACT NO. 70789			ILLINOIS FED. AID PROJECT	



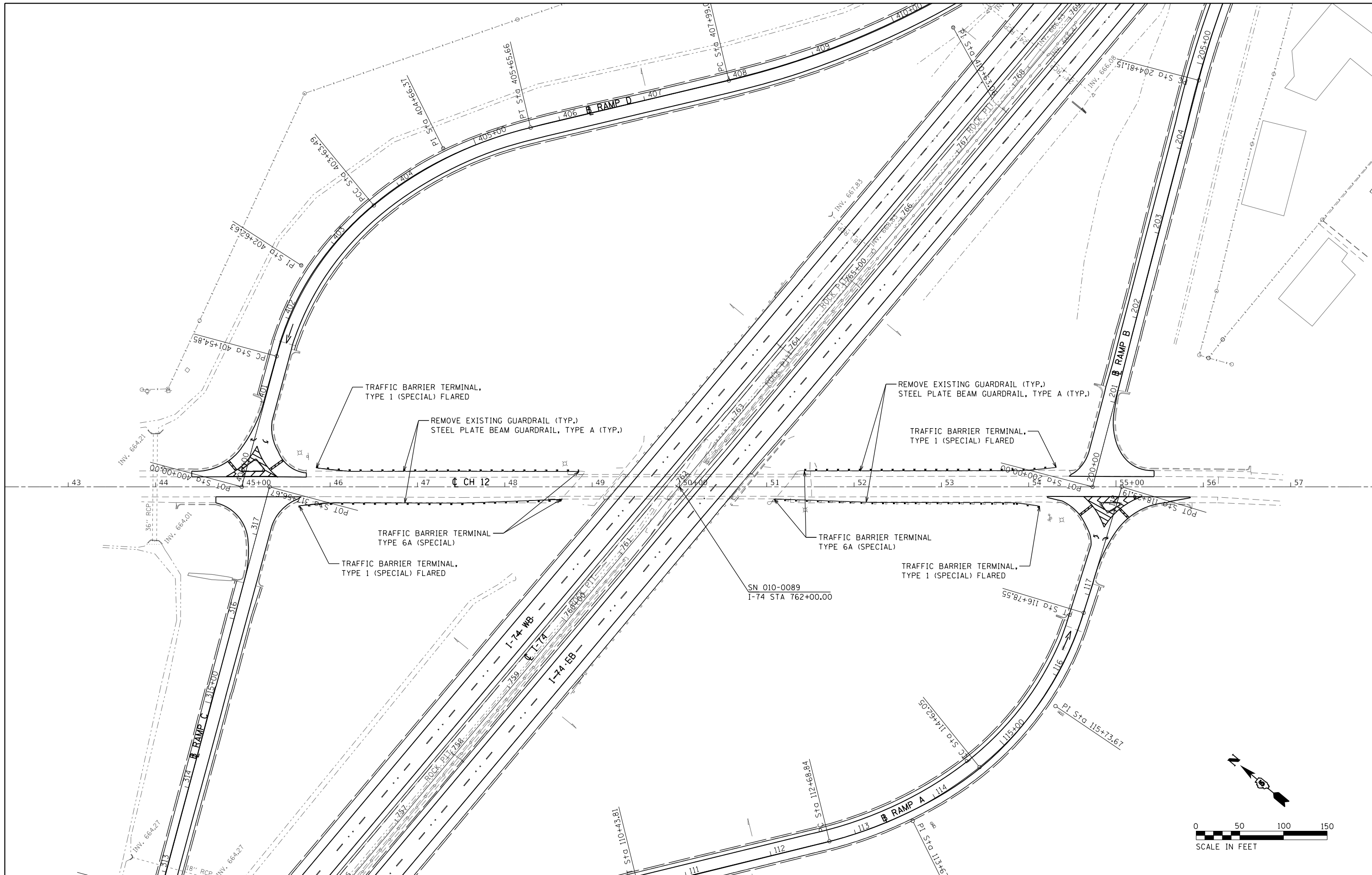
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HIGH CROSS ROAD (SN 010-0175)
GUARDRAIL PLAN SHEET**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	58
				CONTRACT NO. 70789
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.



FILE NAME = ...\\0570789-sht-plan-guardrail.dgn
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 PLOT DATE = 10/13/2017 - 11:30:13 AM

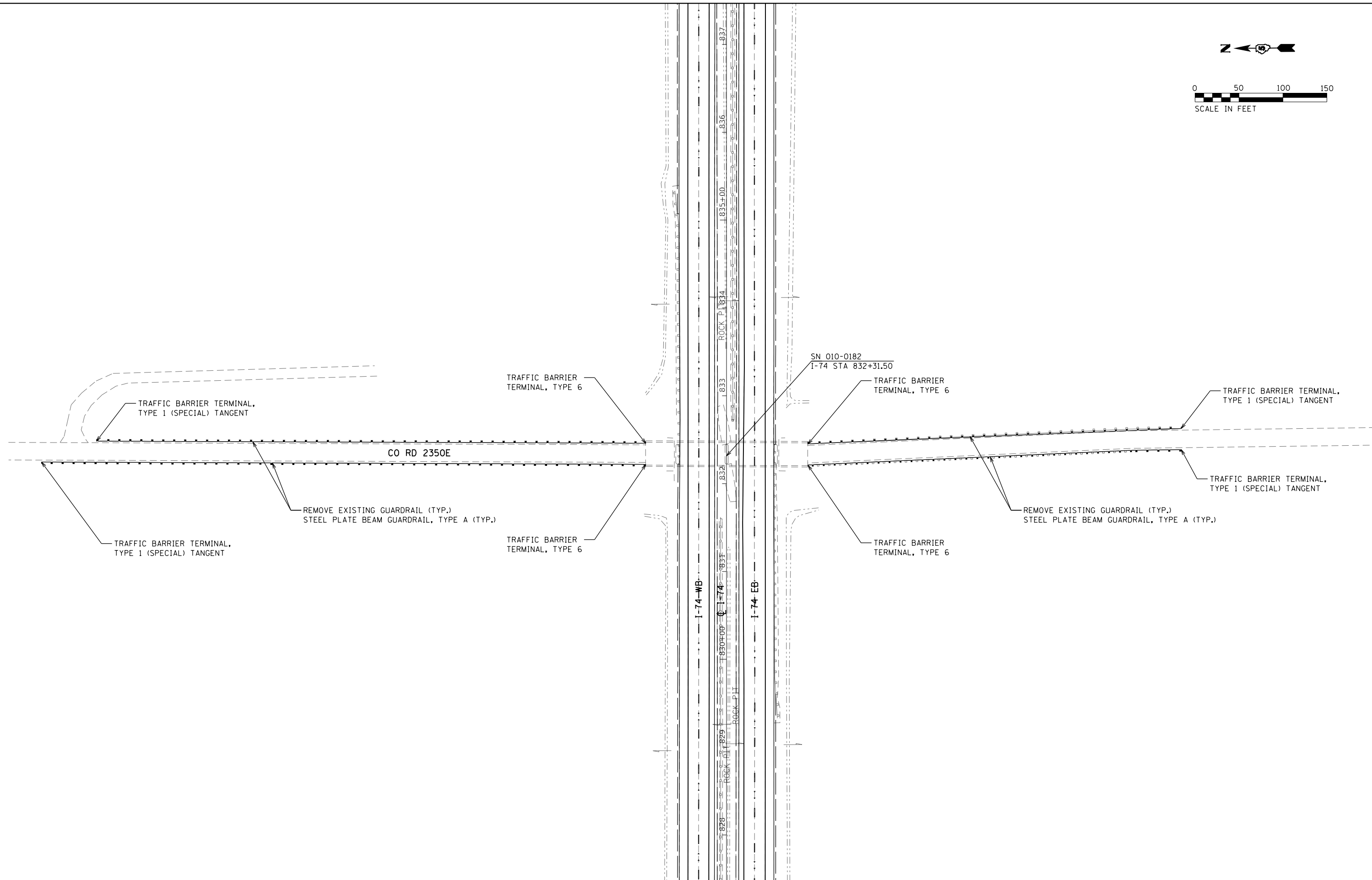
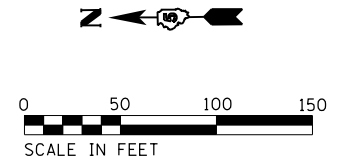
DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CH 12 (SN 010-0089)
 GUARDRAIL PLAN SHEET**
 SCALE: 1" = 50' SHEET OF SHEETS STA. 43+00.00 TO STA. 57+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	59
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				



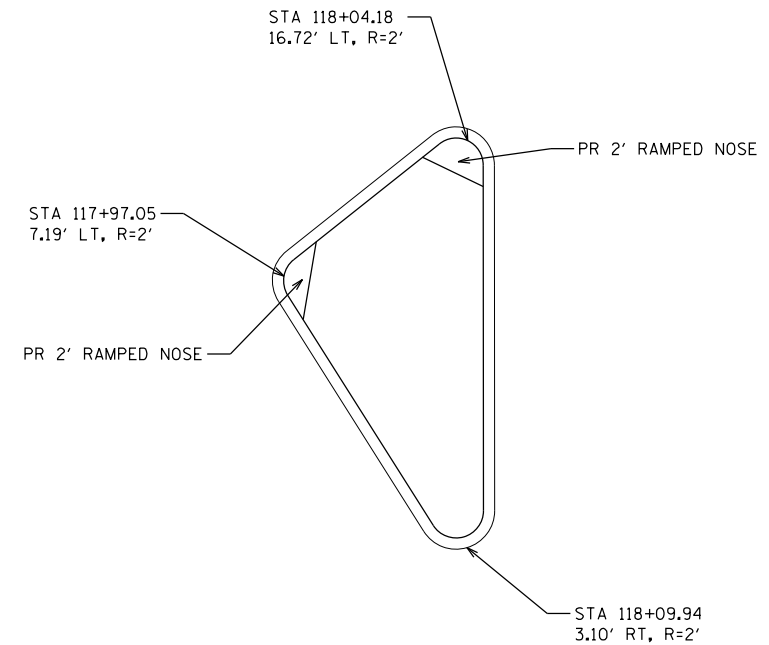
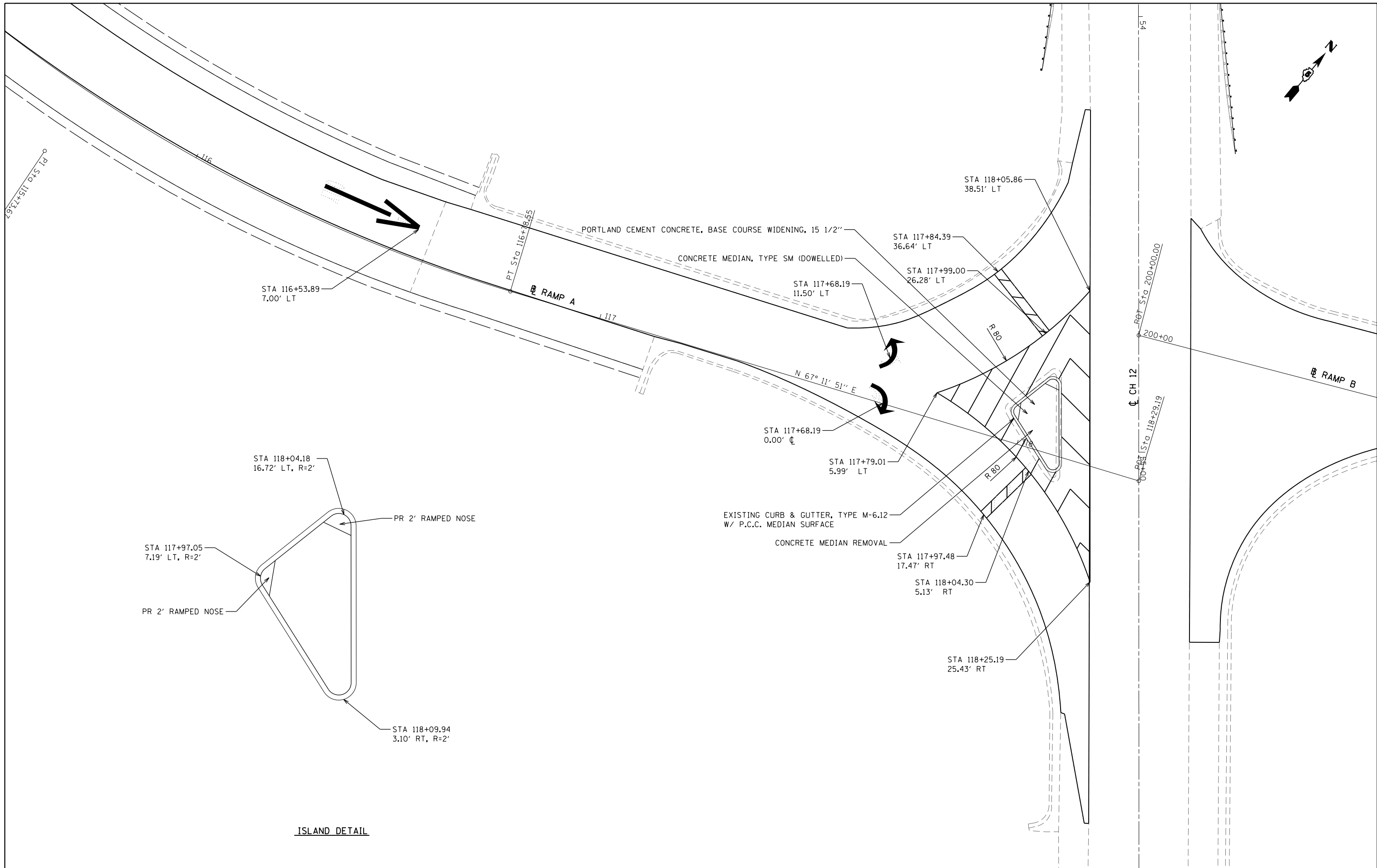
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**2350E (SN 010-0182)
GUARDRAIL PLAN SHEET**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	60
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70789	



ISLAND DETAIL

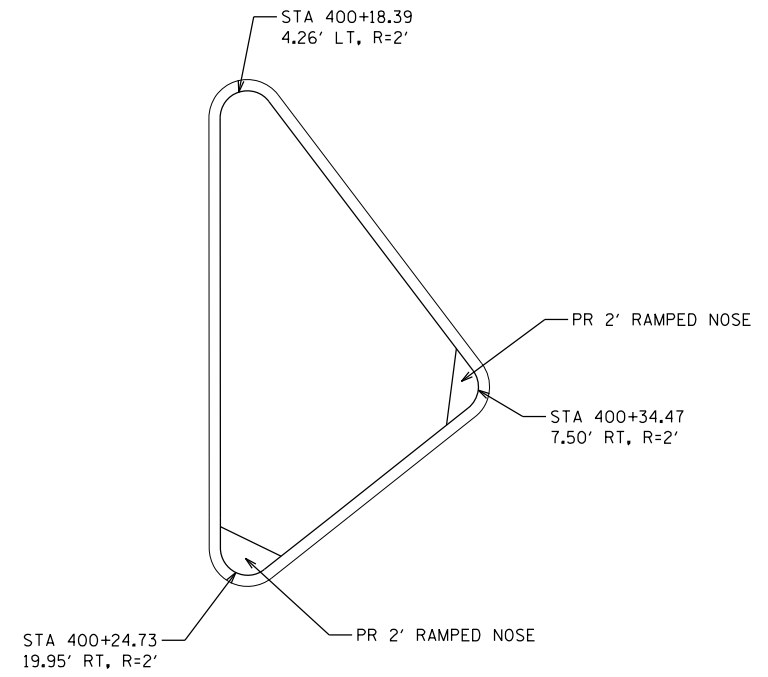
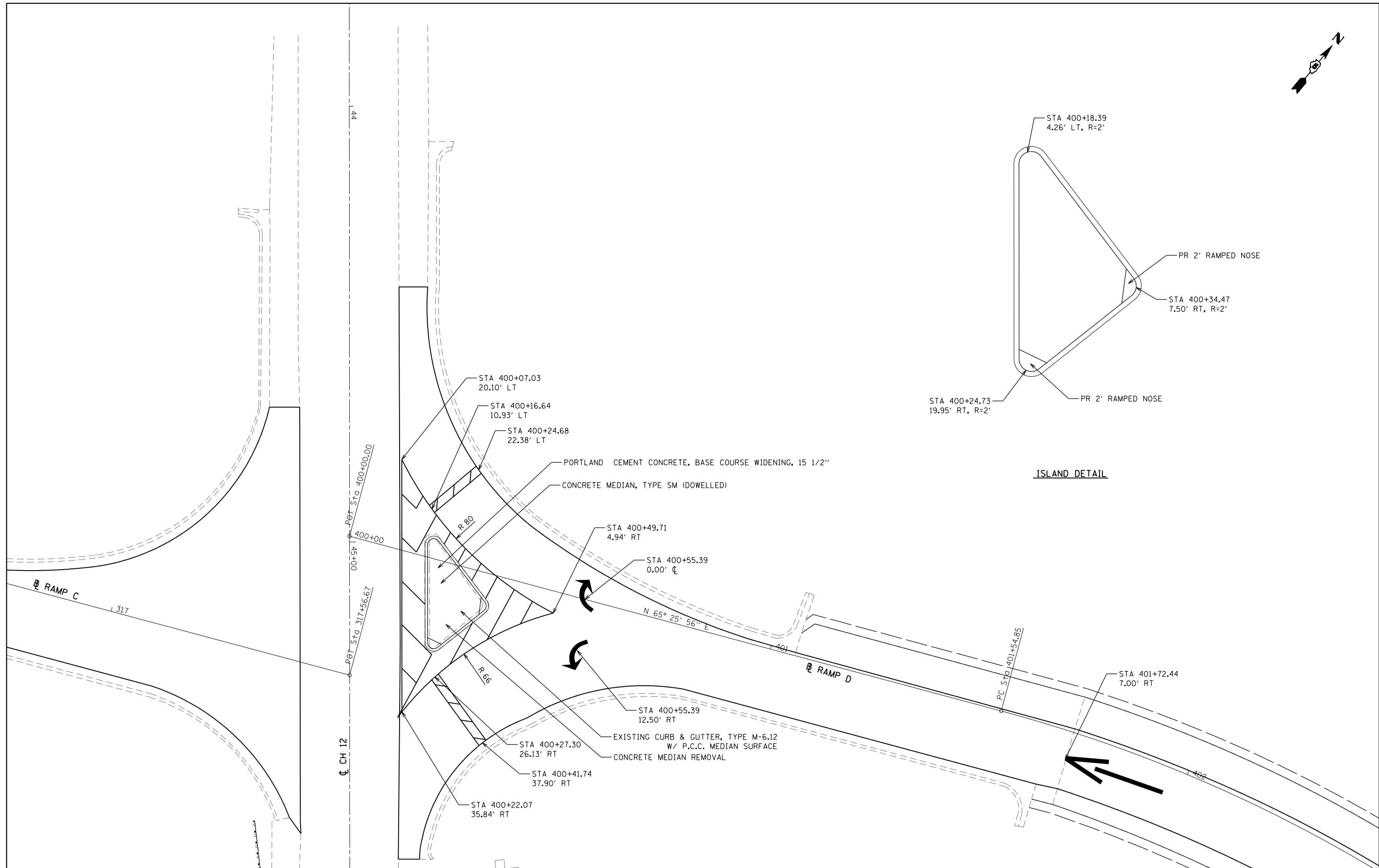
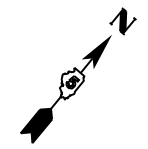
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-74 / SA 12 RAMP A
INTERSECTION ISLAND DETAILS**

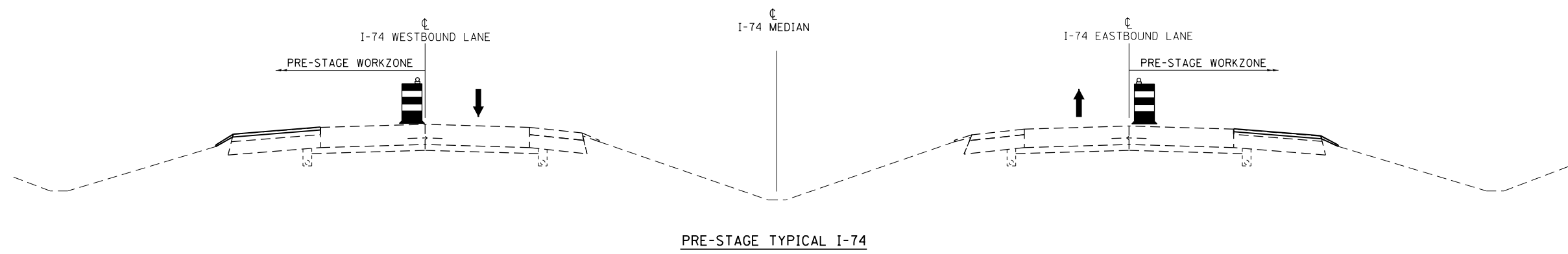
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	61
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				



ISLAND DETAIL

FILE NAME = ...D0570789-sht-plen-islands.dgn	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 / SA 12 RAMP D INTERSECTION ISLAND DETAILS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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											CONTRACT NO. 70789	



PRE-STAGE

TRAFFIC

MAINTAIN ONE LANE OF TRAFFIC IN I-74 EB DRIVING LANE AND MAINTAIN ONE LANE OF TRAFFIC IN I-74 WB DRIVING LANE AT ALL TIMES.

ROADWAY CONSTRUCTION

CONSTRUCT I-74 EB AND I-74 WB OUTSIDE SHOULDER (HOT-MIX ASPHALT AND AGGREGATE SHOULDER FOR ENTIRE LENGTH OF PROJECT.)

PRIMARY IDOT STANDARDS THIS STAGE
(SEE SPECIAL PROVISIONS FOR ADDITIONAL APPLICABLE STANDARDS)

701400, 701401, 701428, 701901

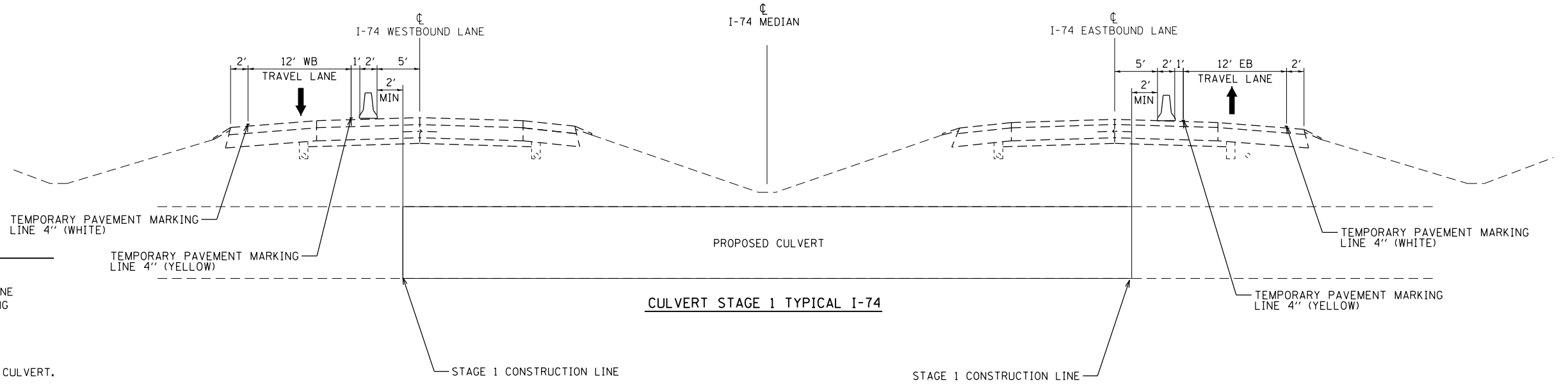
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-74 MAINTENANCE OF TRAFFIC
PRE-STAGE TYPICAL SECTIONS**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	63
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70789	



STAGE 1

TRAFFIC

MAINTAIN ONE LANE OF TRAFFIC IN I-74 EB DRIVING LANE AND MAINTAIN ONE LANE OF TRAFFIC IN I-74 WB DRIVING LANE AT ALL TIMES.

DRAINAGE CONSTRUCTION

CONSTRUCT PARTIAL PROPOSED PRECAST CONCRETE BOX CULVERT. SEE CULVERT PLAN SHEETS FOR MORE DETAILS.

ROADWAY CONSTRUCTION

CONSTRUCT I-74 EB AND I-74 WB PASSING LANE AND SHOULDER.

PRIMARY IDOT STANDARDS THIS STAGE
(SEE SPECIAL PROVISIONS FOR ADDITIONAL APPLICABLE STANDARDS)

701400, 701402, 701428, 701901

CULVERT STAGE 1 TYPICAL I-74

STAGE 2

TRAFFIC

MAINTAIN ONE LANE OF TRAFFIC IN I-74 EB PASSING LANE AND MAINTAIN ONE LANE OF TRAFFIC IN I-74 WB PASSING LANE AT ALL TIMES.

DRAINAGE CONSTRUCTION

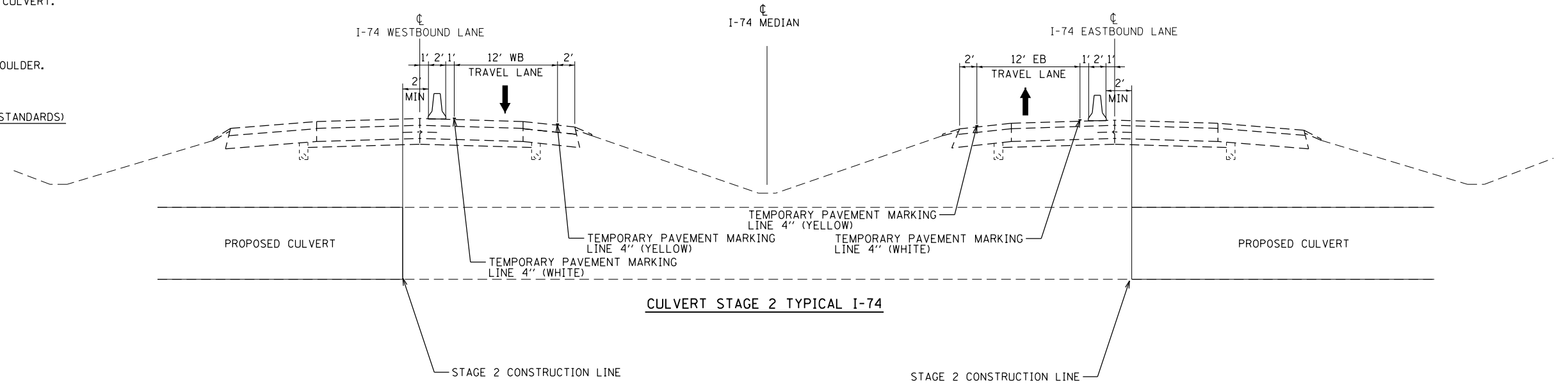
CONSTRUCT PARTIAL PROPOSED PRECAST CONCRETE BOX CULVERT. SEE CULVERT PLAN SHEETS FOR MORE DETAILS.

ROADWAY CONSTRUCTION

CONSTRUCT I-74 EB AND I-74 WB DRIVING LANE AND SHOULDER.

PRIMARY IDOT STANDARDS THIS STAGE
(SEE SPECIAL PROVISIONS FOR ADDITIONAL APPLICABLE STANDARDS)

701400, 701402, 701428, 701901



CULVERT STAGE 2 TYPICAL I-74

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-74 MAINTENANCE OF TRAFFIC
CULVERT STAGING TYPICAL SECTIONS**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	64
CONTRACT NO. 70789			ILLINOIS FED. AID PROJECT	

STAGE 1

TRAFFIC

MAINTAIN A MINIMUM OF ONE LANE OF TRAFFIC IN BOTH I-74 EB AND I-74 WB DIRECTIONS AT ALL TIMES.

ROADWAY CONSTRUCTION

CONSTRUCT I-74 EB PASSING LANE AND SHOULDER AND I-74 WB PASSING LANE AND SHOULDER.

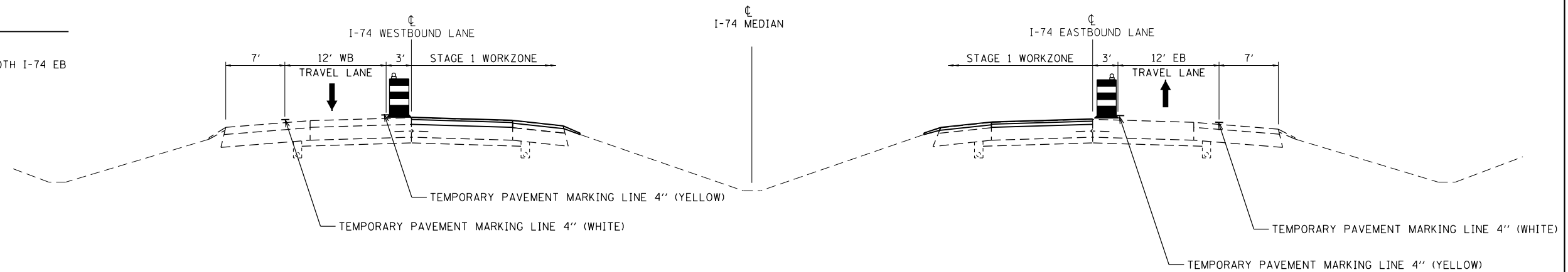
SEE PROPOSED TYPICAL SECTION SHEETS FOR DETAILED INFORMATION.

DRAINAGE CONSTRUCTION

CONSTRUCT MEDIAN DRAINAGE ITEMS. SEE DETAILS AND PLAN SHEETS.

PRIMARY IDOT STANDARDS THIS STAGE
(SEE SPECIAL PROVISIONS FOR ADDITIONAL APPLICABLE STANDARDS)

701400, 701401, 701411, 701428, 701901



STAGE 1 TYPICAL I-74

STAGE 2

TRAFFIC

MAINTAIN A MINIMUM OF ONE LANE OF TRAFFIC IN BOTH I-74 EB AND I-74 WB DIRECTIONS AT ALL TIMES.

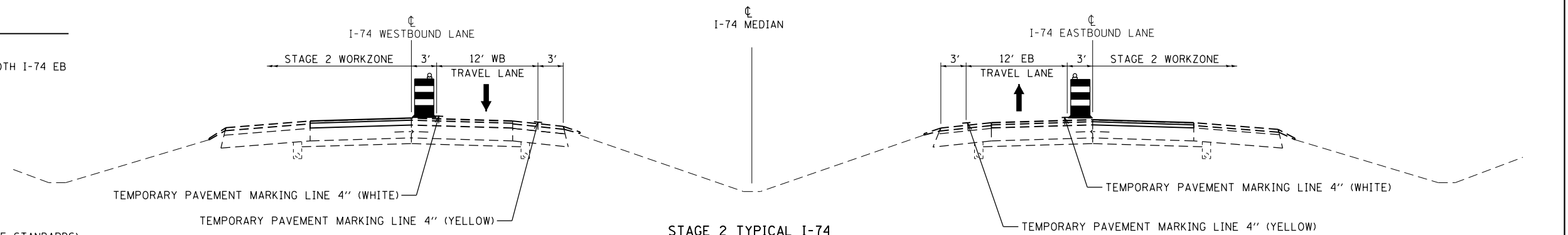
ROADWAY CONSTRUCTION

CONSTRUCT I-74 EB DRIVING LANE AND I-74 WB DRIVING LANE.

SEE PROPOSED TYPICAL SECTION SHEETS FOR DETAILED INFORMATION.

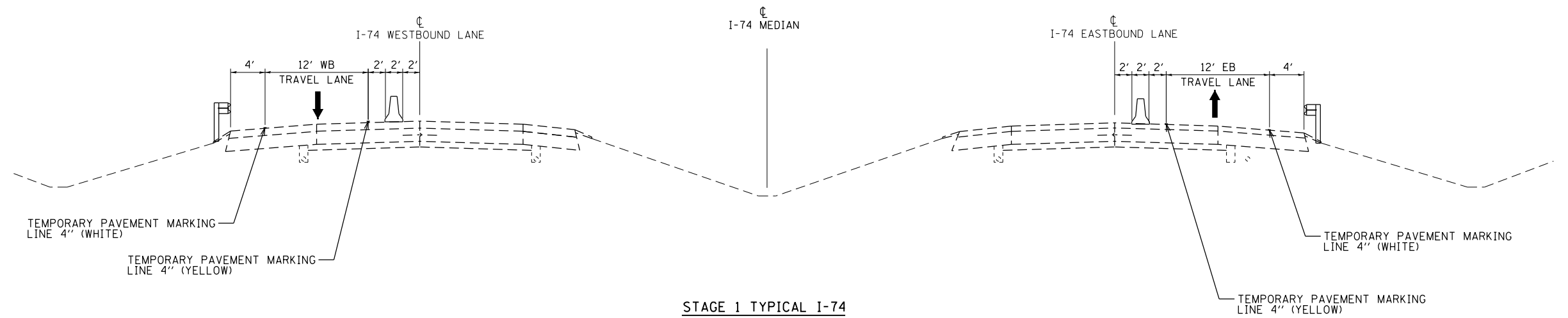
PRIMARY IDOT STANDARDS THIS STAGE
(SEE SPECIAL PROVISIONS FOR ADDITIONAL APPLICABLE STANDARDS)

701400, 701401, 701411, 701428, 701901



STAGE 2 TYPICAL I-74

FILE NAME = ...\\0570789-sht-staging.dgn	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 MAINTENANCE OF TRAFFIC STAGE 1 AND STAGE 2				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -						74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	66
Default	PLOT DATE = 10/13/2017 - 11:32:18 AM	DATE -	REVISED -	SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 70789		



STAGE 1 TYPICAL I-74

STAGE 1

TRAFFIC

MAINTAIN ONE LANE OF TRAFFIC IN I-74 EB DRIVING LANE AND MAINTAIN ONE LANE OF TRAFFIC IN I-74 WB DRIVING LANE AT ALL TIMES.

ROADWAY CONSTRUCTION

CONSTRUCT I-74 EB AND I-74 WB FULL DEPTH PASSING LANE AND SHOULDER.

PRIMARY IDOT STANDARDS THIS STAGE
(SEE SPECIAL PROVISIONS FOR ADDITIONAL APPLICABLE STANDARDS)

701400, 701402, 701428, 701901

NOTES:
TO BE USED AT THE FOLLOWING FULL-DEPTH
REPLACEMENT LOCATIONS UNDERNEATH STRUCTRES:
SN 010-0175
SN 010-0177
SN 010-0180
SN 010-0089

STAGE 2

TRAFFIC

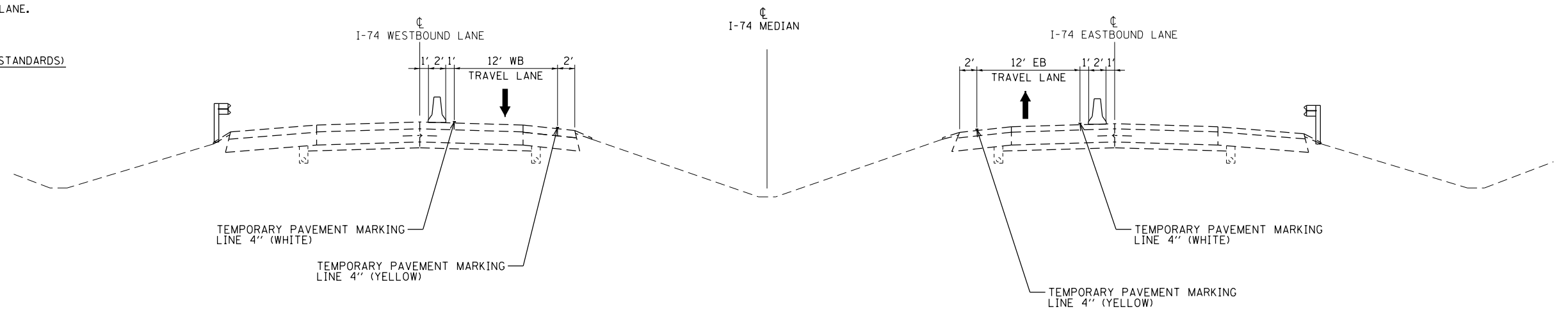
MAINTAIN ONE LANE OF TRAFFIC IN I-74 EB PASSING LANE AND MAINTAIN ONE LANE OF TRAFFIC IN I-74 WB PASSING LANE AT ALL TIMES.

ROADWAY CONSTRUCTION

CONSTRUCT I-74 EB AND I-74 WB FULL DEPTH DRIVING LANE.

PRIMARY IDOT STANDARDS THIS STAGE
(SEE SPECIAL PROVISIONS FOR ADDITIONAL APPLICABLE STANDARDS)

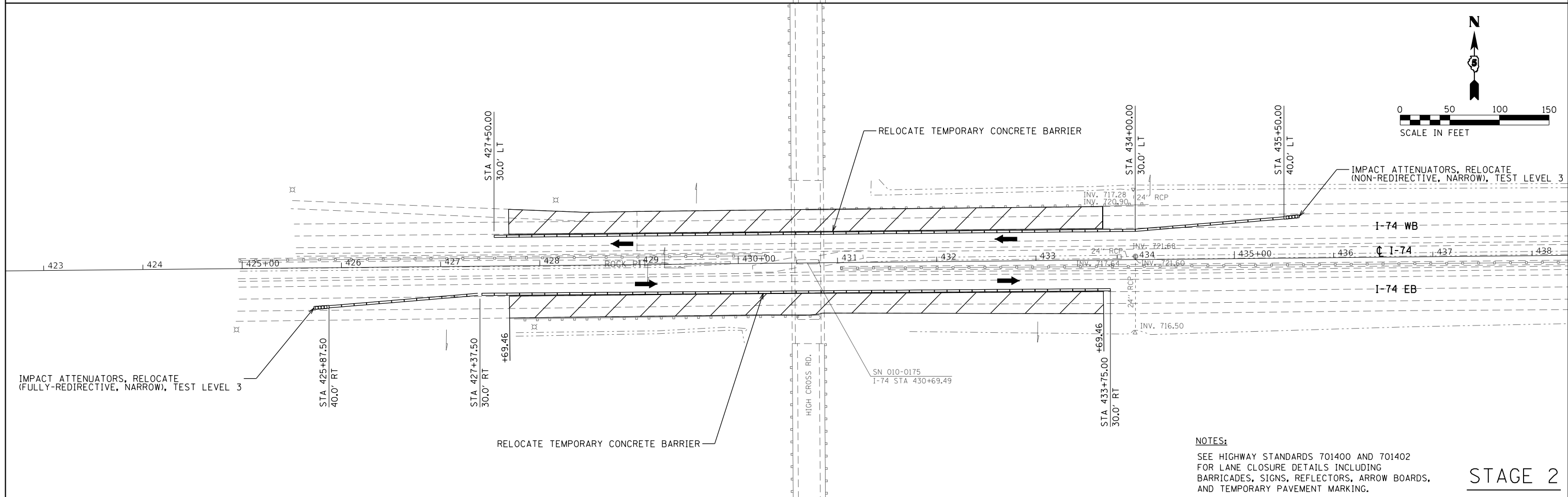
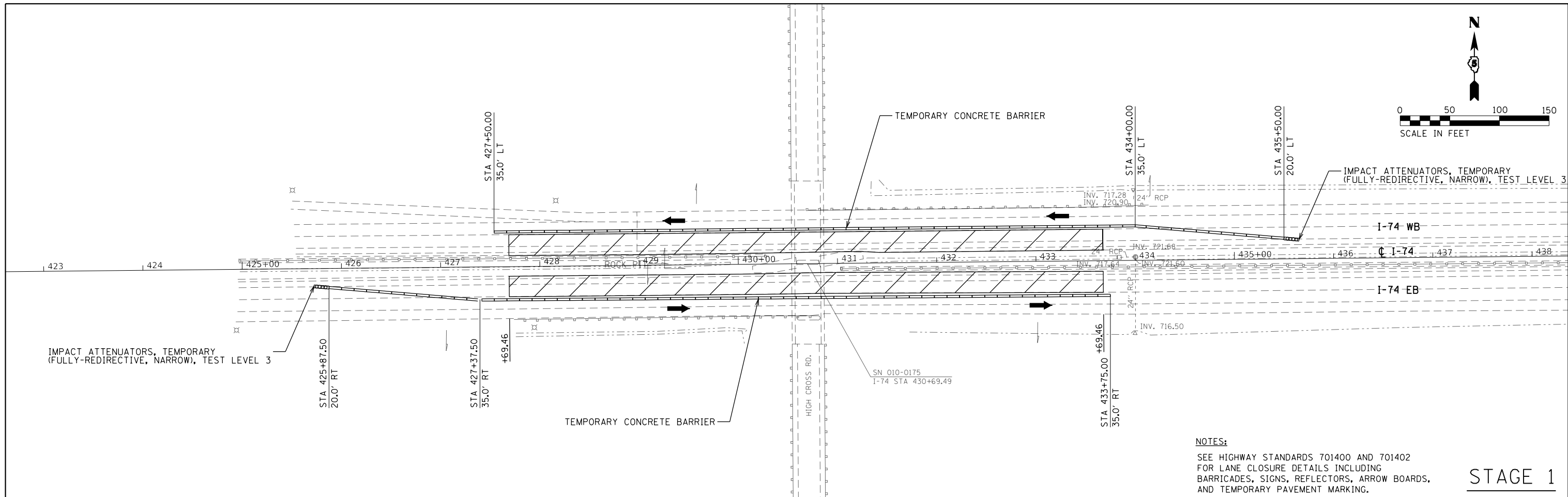
701400, 701402, 701428, 701901



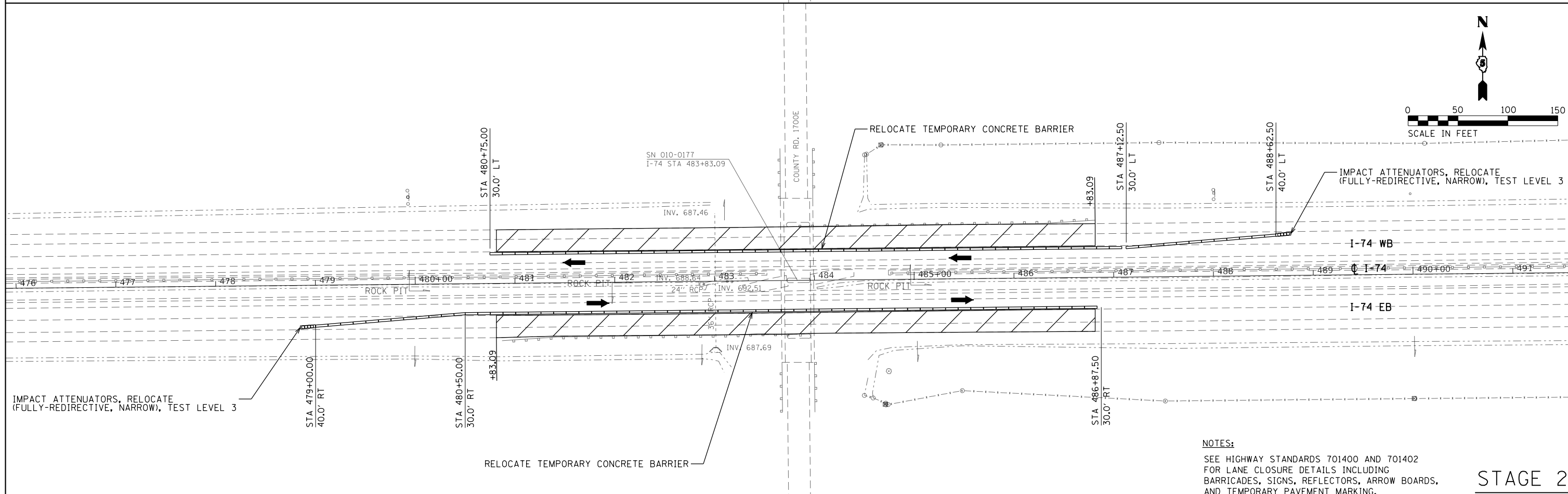
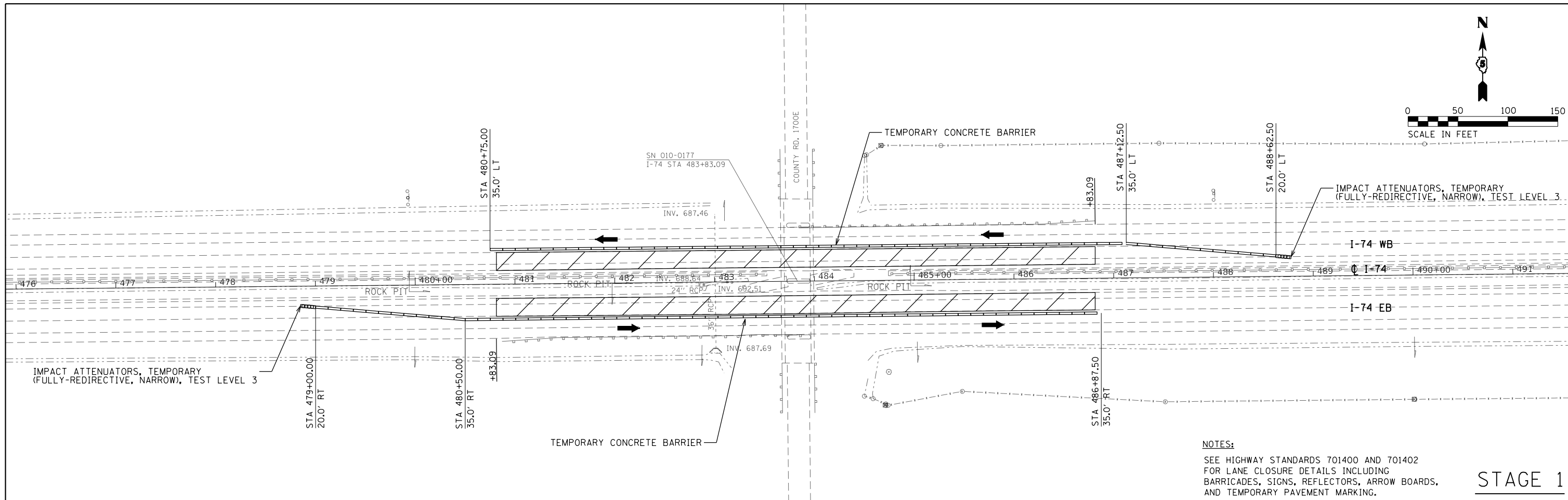
STAGE 2 TYPICAL I-74

NOTES:
TO BE USED AT THE FOLLOWING FULL-DEPTH
REPLACEMENT LOCATIONS UNDERNEATH STRUCTRES:
SN 010-0175
SN 010-0177
SN 010-0180
SN 010-0089

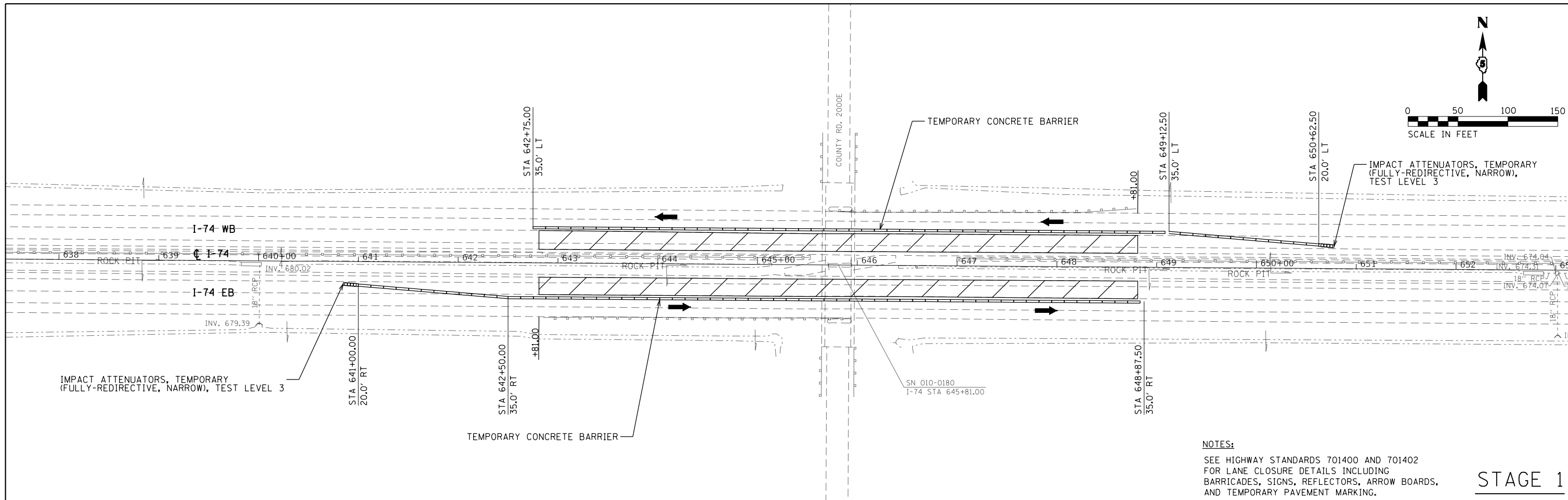
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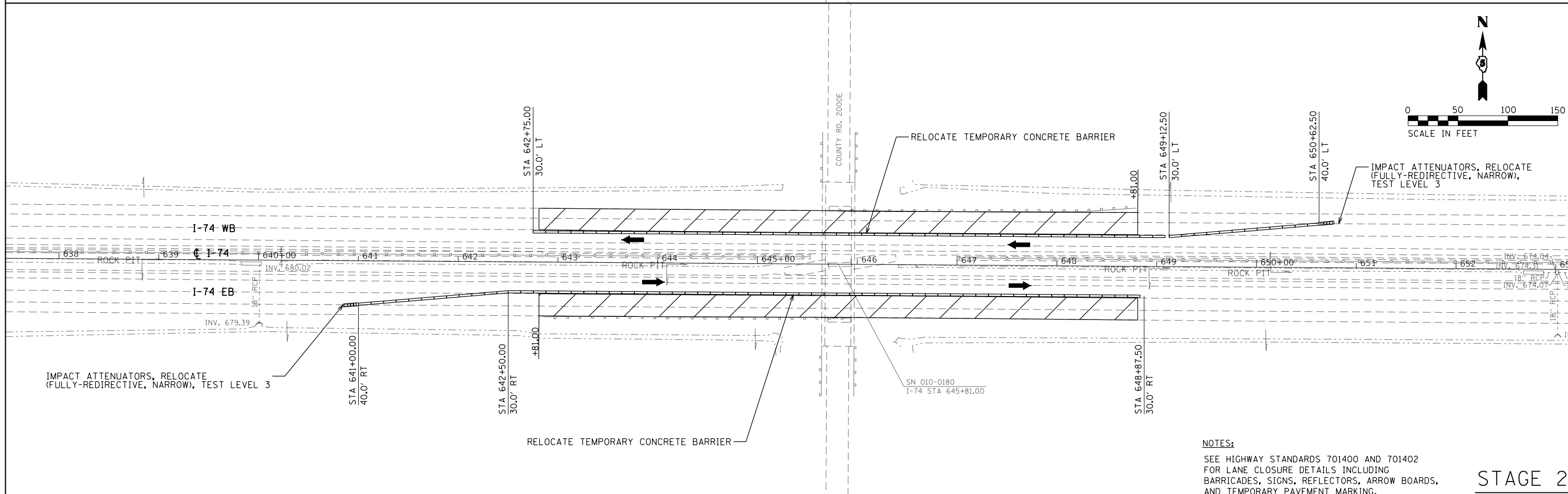
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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



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		DATE -	REVISED -		STA. TO STA.		ILLINOIS FED. AID PROJECT				

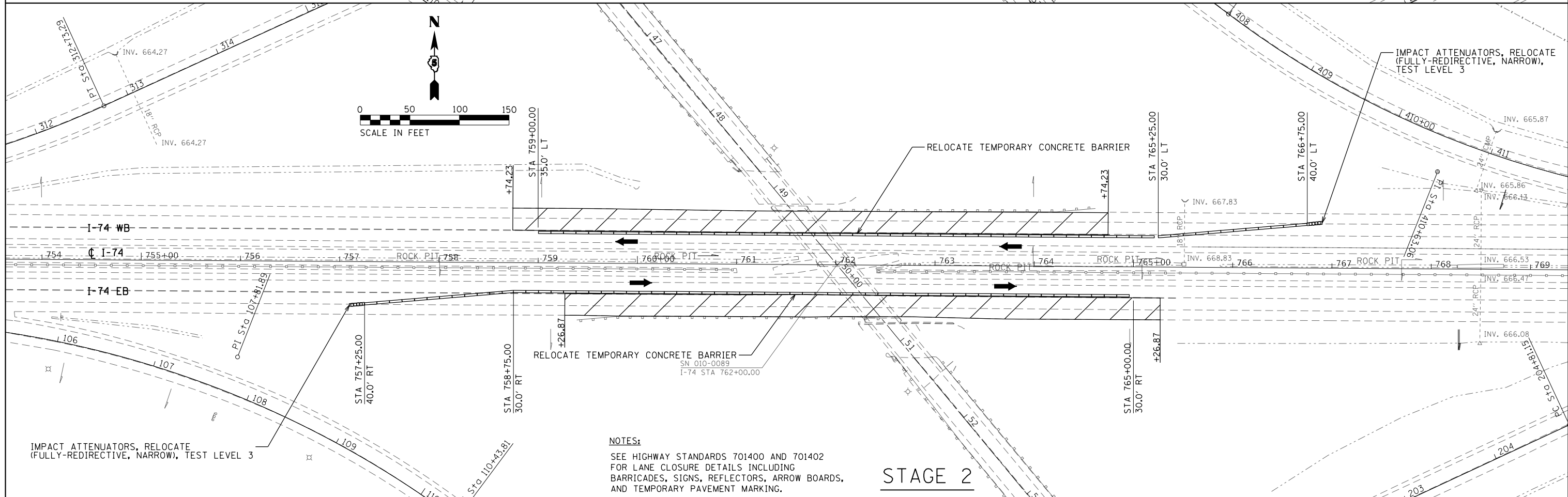
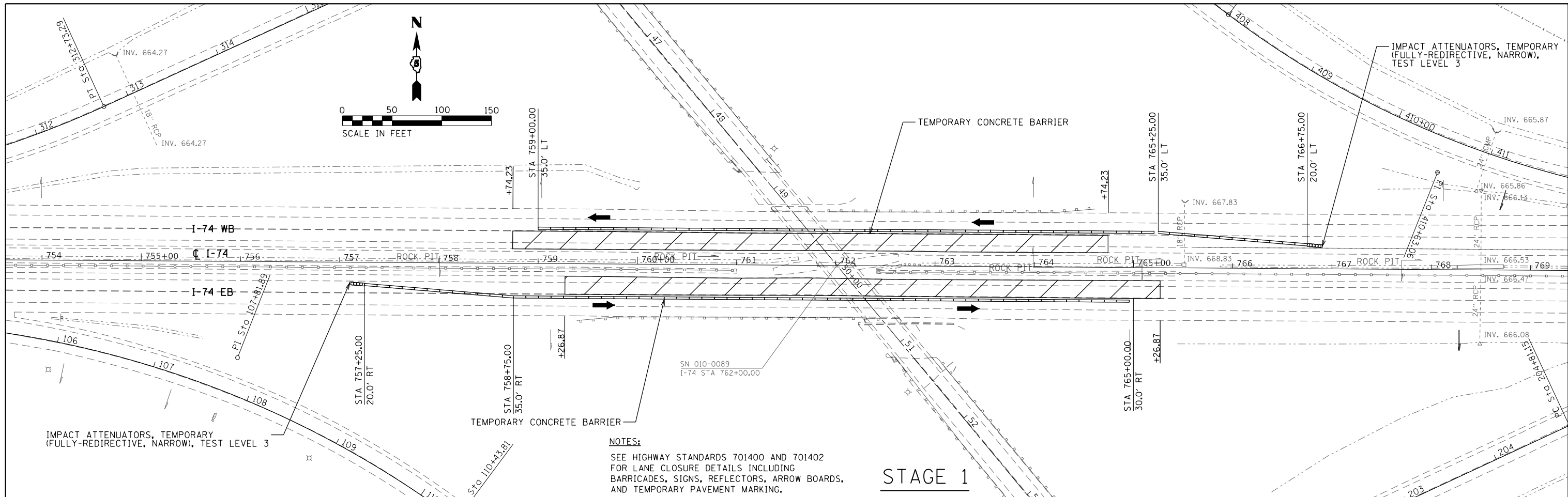


NOTES:
 SEE HIGHWAY STANDARDS 701400 AND 701402
 FOR LANE CLOSURE DETAILS INCLUDING
 BARRICADES, SIGNS, REFLECTORS, ARROW BOARDS,
 AND TEMPORARY PAVEMENT MARKING.



NOTES:
 SEE HIGHWAY STANDARDS 701400 AND 701402
 FOR LANE CLOSURE DETAILS INCLUDING
 BARRICADES, SIGNS, REFLECTORS, ARROW BOARDS,
 AND TEMPORARY PAVEMENT MARKING.

FILE NAME = ...\\0570789-sht-staging.dgn	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 MAINTENANCE OF TRAFFIC UNDER SN 010-0180			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE -	REVISED -		CONTRACT NO. 70789 ILLINOIS FED. AID PROJECT								



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PLOT DATE = 10/13/2017 - 11:32:20 AM

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DATE -

REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-74 MAINTENANCE OF TRAFFIC
UNDER SN 010-0089**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	71
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				

NOTES

PRIOR TO INSTALLING POST MOUNTED SIGNS, THE CONTRACTOR SHALL CONTACT J.U.L.I.E.

ALL SIGN MESSAGES AND SIZES SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

THE DISTRICT SHALL FURNISH THE SIGN PANELS. THE CONTRACTOR SHALL FURNISH AND ERECT THE SIGNS AT THE LOCATIONS DIRECTED BY THE ENGINEER. ALL THE SIGNS SHALL BE POST MOUNTED.

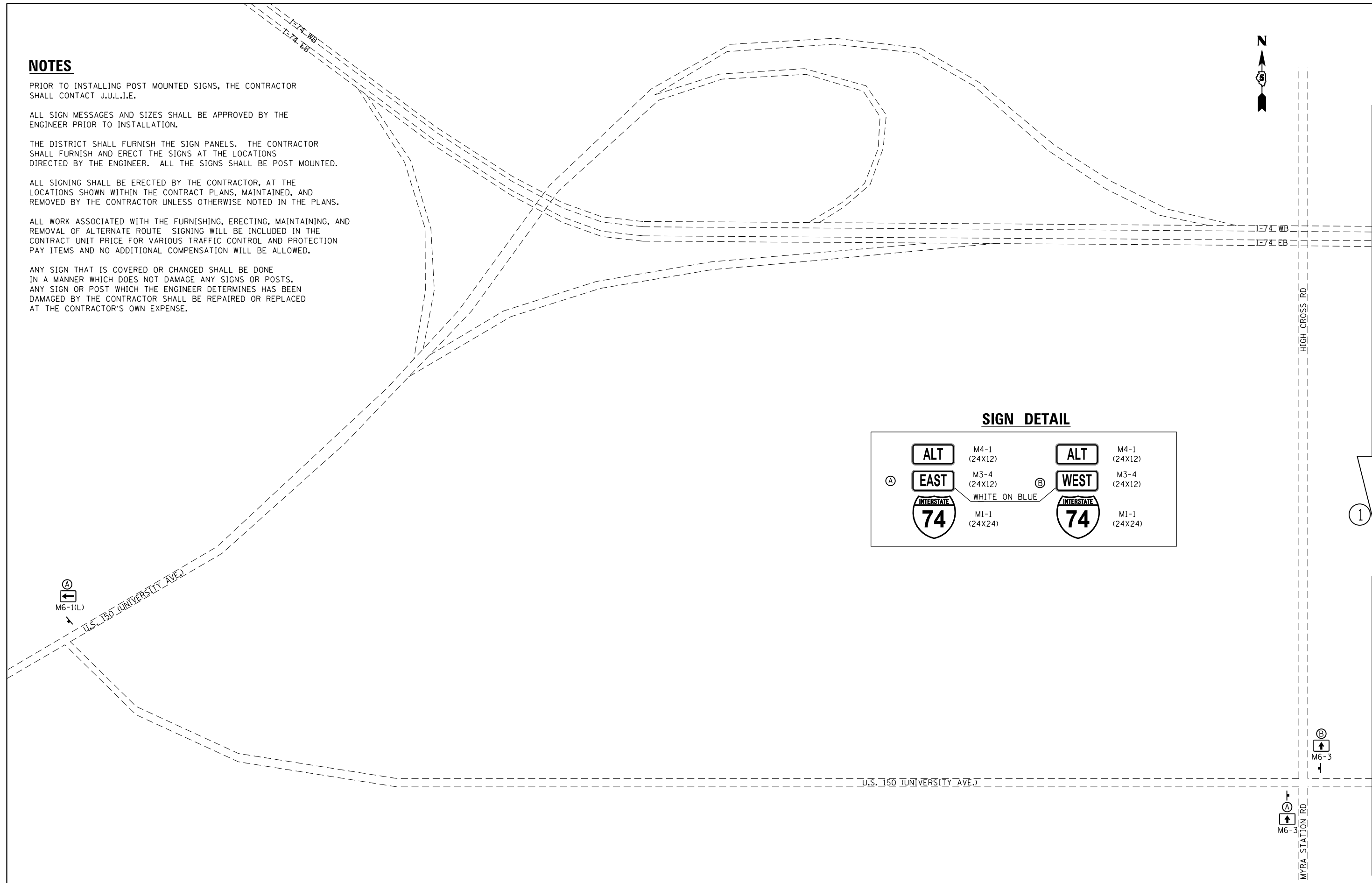
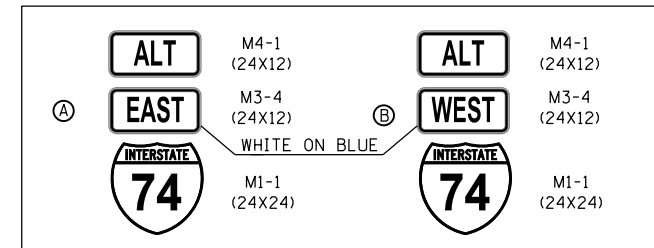
ALL SIGNING SHALL BE ERECTED BY THE CONTRACTOR, AT THE LOCATIONS SHOWN WITHIN THE CONTRACT PLANS, MAINTAINED, AND REMOVED BY THE CONTRACTOR UNLESS OTHERWISE NOTED IN THE PLANS.

ALL WORK ASSOCIATED WITH THE FURNISHING, ERECTING, MAINTAINING, AND REMOVAL OF ALTERNATE ROUTE SIGNING WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR VARIOUS TRAFFIC CONTROL AND PROTECTION PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ANY SIGN THAT IS COVERED OR CHANGED SHALL BE DONE IN A MANNER WHICH DOES NOT DAMAGE ANY SIGNS OR POSTS. ANY SIGN OR POST WHICH THE ENGINEER DETERMINES HAS BEEN DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S OWN EXPENSE.



SIGN DETAIL



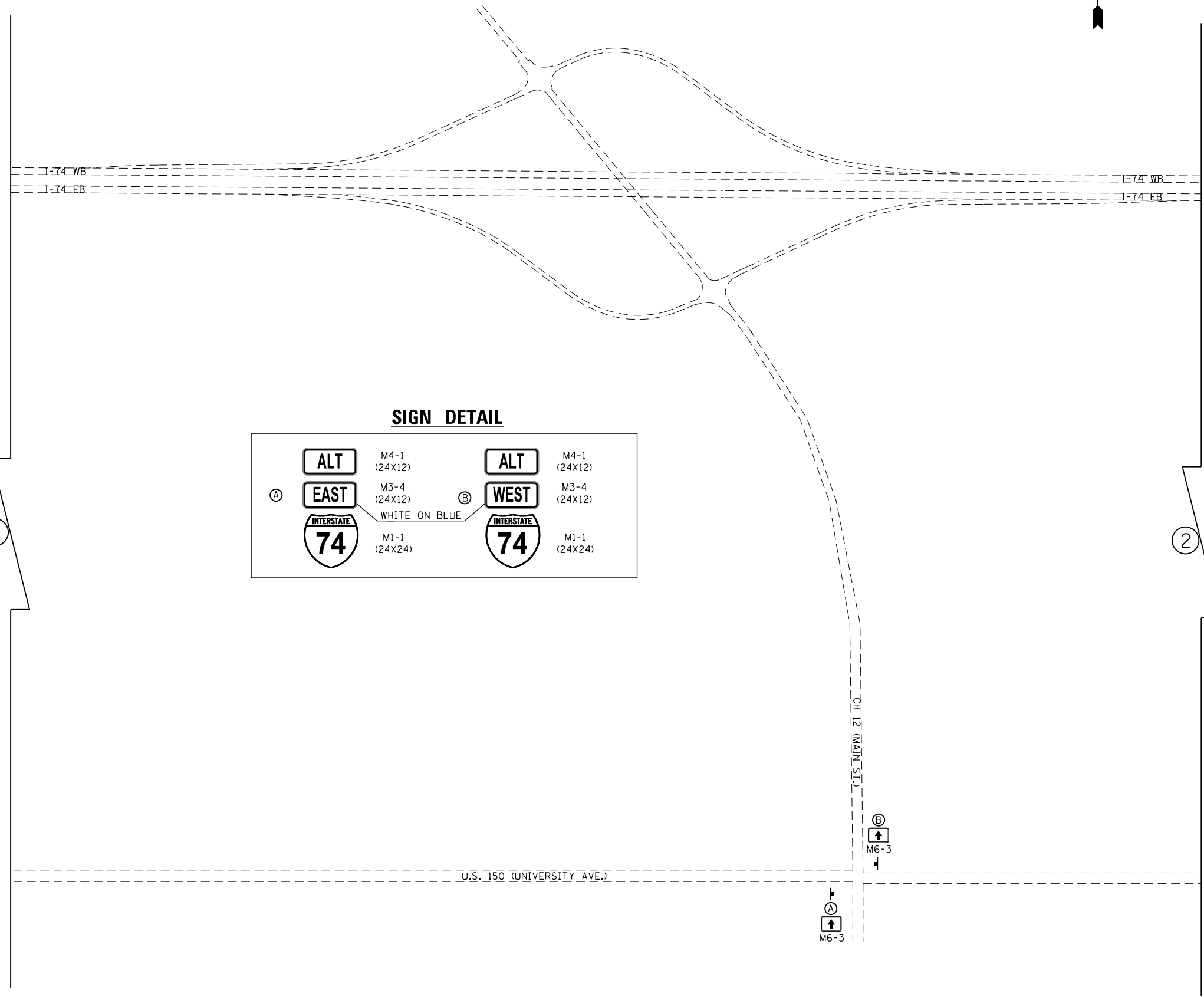
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-74 MAINTENANCE OF TRAFFIC
ALTERNATE ROUTE SIGNING**

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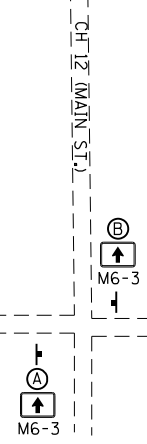
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74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	72
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				



SIGN DETAIL

Ⓐ	ALT	M4-1 (24X12)	Ⓑ	ALT	M4-1 (24X12)
	EAST	M3-4 (24X12)		WEST	M3-4 (24X12)
	INTERSTATE 74	M1-1 (24X24)		INTERSTATE 74	M1-1 (24X24)

WHITE ON BLUE



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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

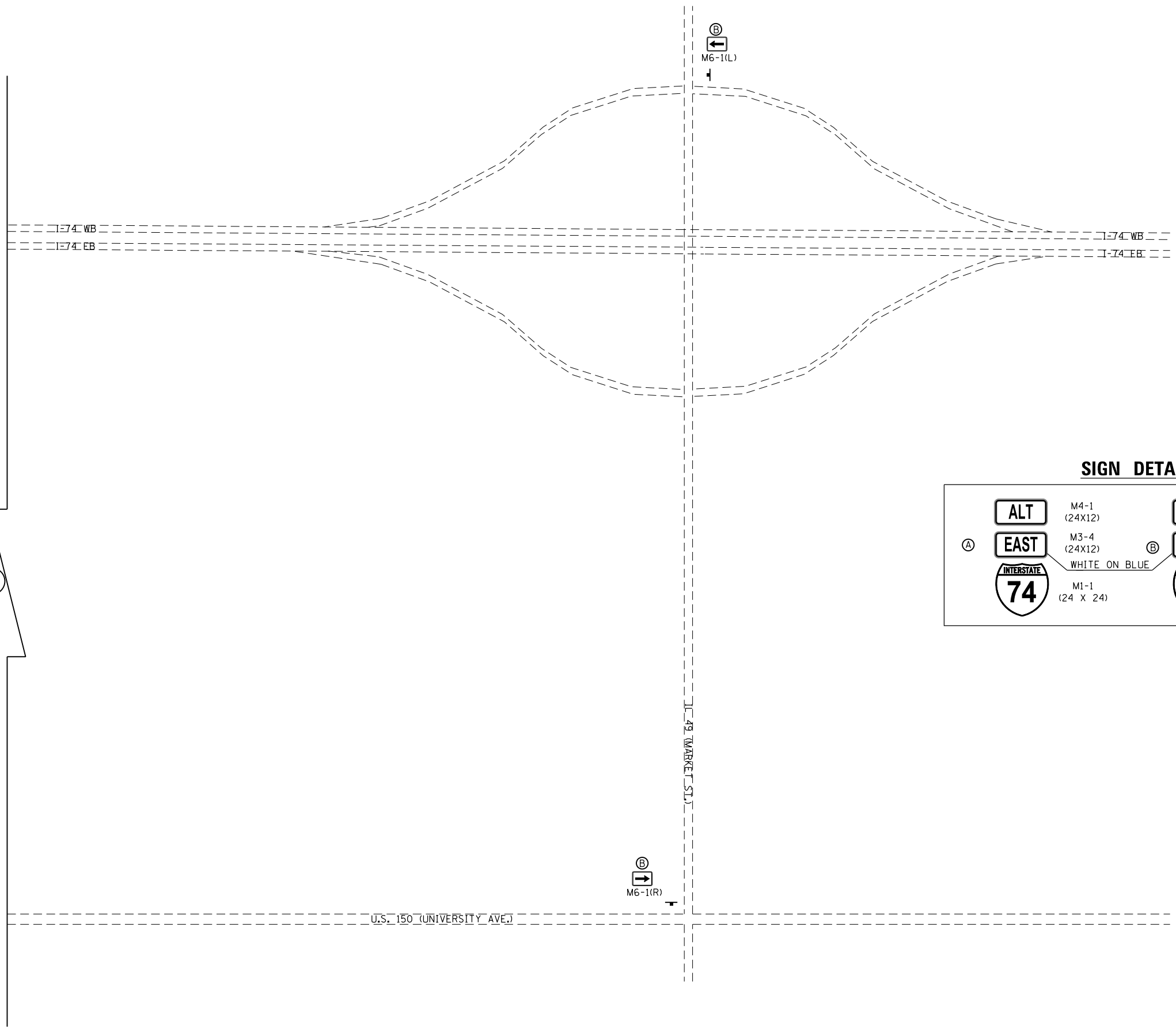
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ALTERNATE ROUTE SIGNING**

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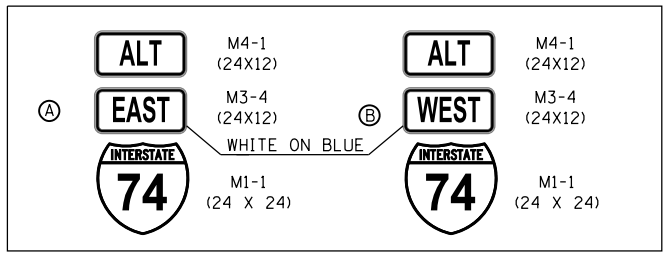
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74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	73
CONTRACT NO. 70789			ILLINOIS FED. AID PROJECT	



②



SIGN DETAIL



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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

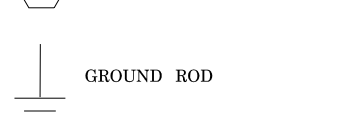
**I-74 MAINTENANCE OF TRAFFIC
ALTERNATE ROUTE SIGNING**

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	74
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70789	

LEGEND

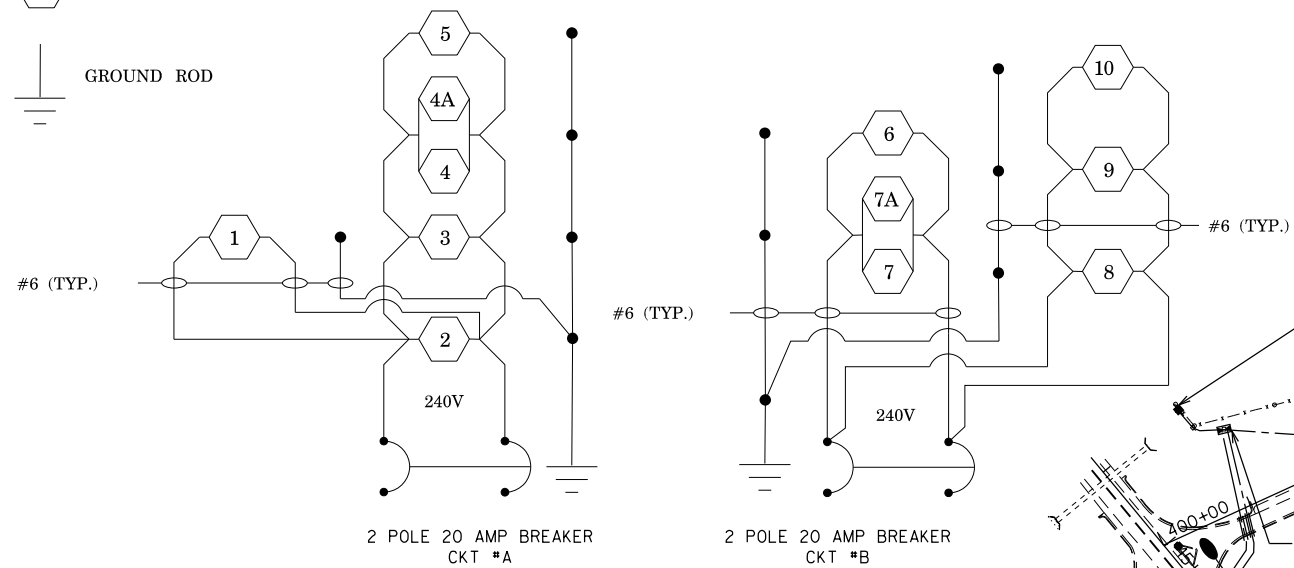
PROPOSED LED LUMINAIRE



BILL OF MATERIALS

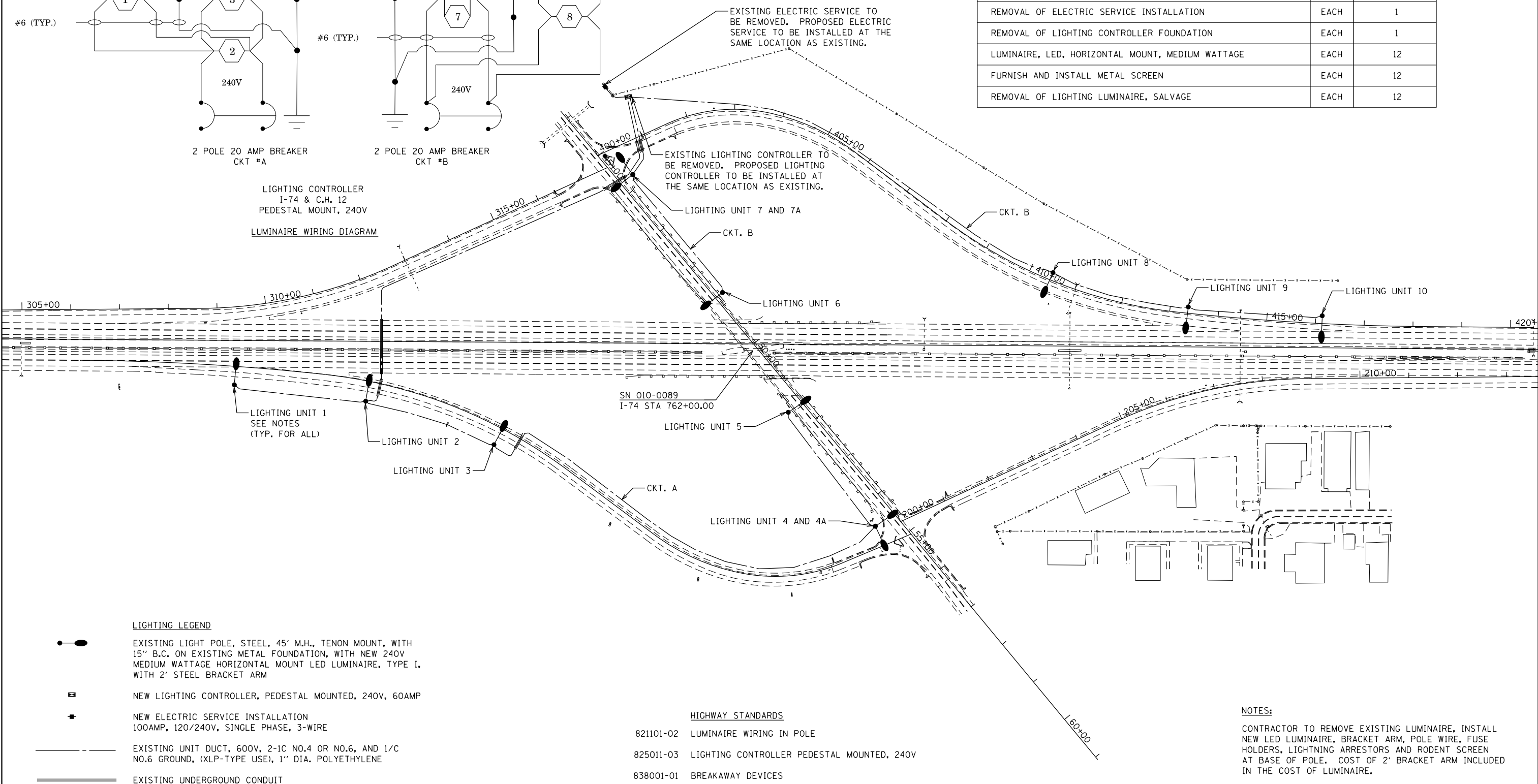
I-74 & C.H. 12

ITEM	UNIT	TOTAL QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240 VOLT, 60 AMP	EACH	1
REMOVAL OF LIGHTING CONTROLLER	EACH	1
REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1
REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1
LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH	12
FURNISH AND INSTALL METAL SCREEN	EACH	12
REMOVAL OF LIGHTING LUMINAIRE, SALVAGE	EACH	12



LIGHTING CONTROLLER
I-74 & C.H. 12
PEDESTAL MOUNT, 240V

LUMINAIRE WIRING DIAGRAM



LIGHTING LEGEND

- EXISTING LIGHT POLE, STEEL, 45' M.H., TENON MOUNT, WITH 15" B.C. ON EXISTING METAL FOUNDATION, WITH NEW 240V MEDIUM WATTAGE HORIZONTAL MOUNT LED LUMINAIRE, TYPE I, WITH 2' STEEL BRACKET ARM
- NEW LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240V, 60AMP
- NEW ELECTRIC SERVICE INSTALLATION
100AMP, 120/240V, SINGLE PHASE, 3-WIRE
- EXISTING UNIT DUCT, 600V, 2-1C NO.4 OR NO.6, AND 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- EXISTING UNDERGROUND CONDUIT

HIGHWAY STANDARDS

- 821101-02 LUMINAIRE WIRING IN POLE
- 825011-03 LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
- 838001-01 BREAKAWAY DEVICES

NOTES:

CONTRACTOR TO REMOVE EXISTING LUMINAIRE, INSTALL NEW LED LUMINAIRE, BRACKET ARM, POLE WIRE, FUSE HOLDERS, LIGHTNING ARRESTORS AND RODENT SCREEN AT BASE OF POLE. COST OF 2' BRACKET ARM INCLUDED IN THE COST OF LUMINAIRE.

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		DATE -	REVISED -

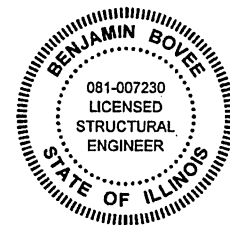
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
I-74 & CH 12

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	75
CONTRACT NO. 70789			ILLINOIS FED. AID PROJECT	

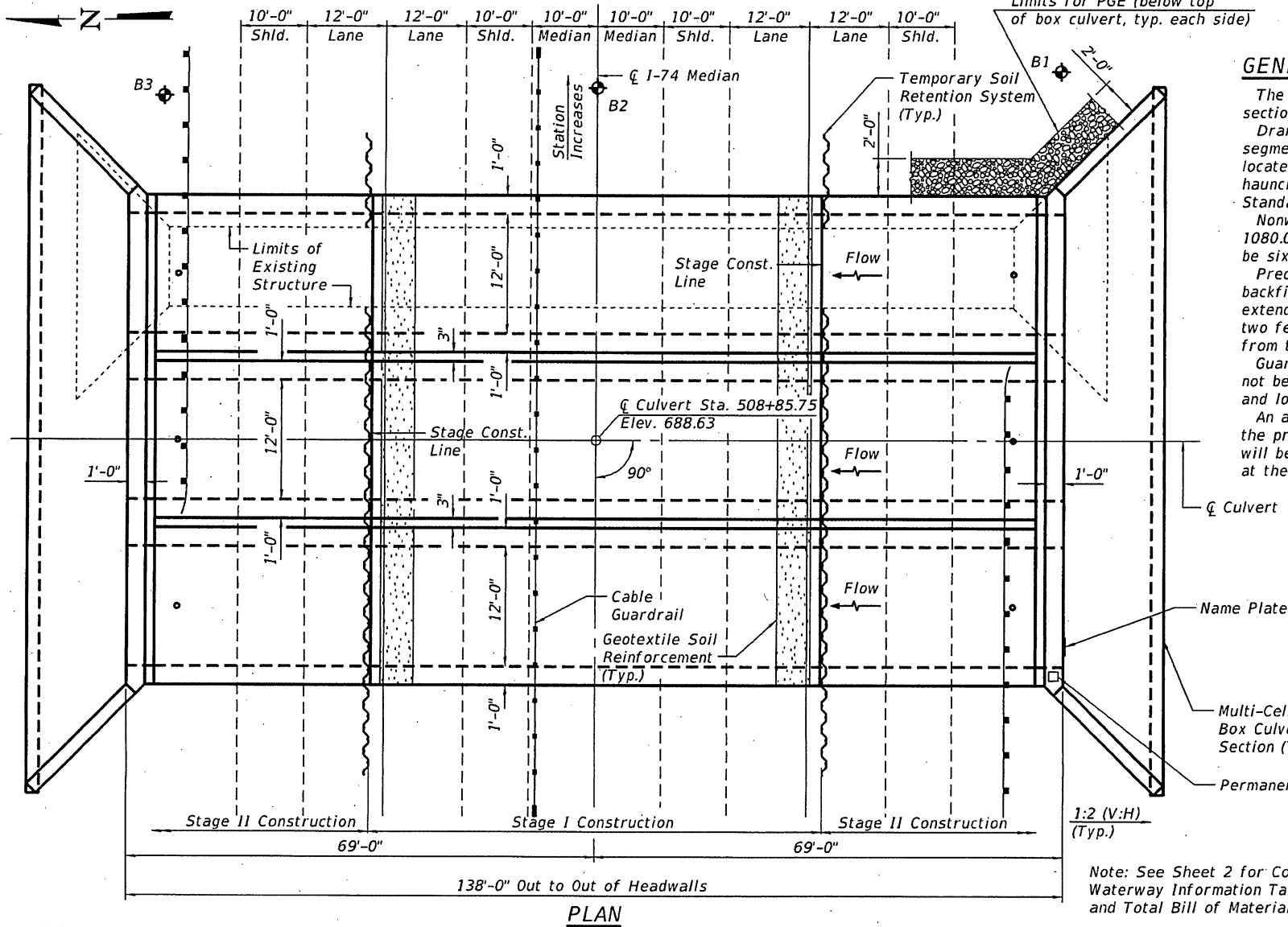
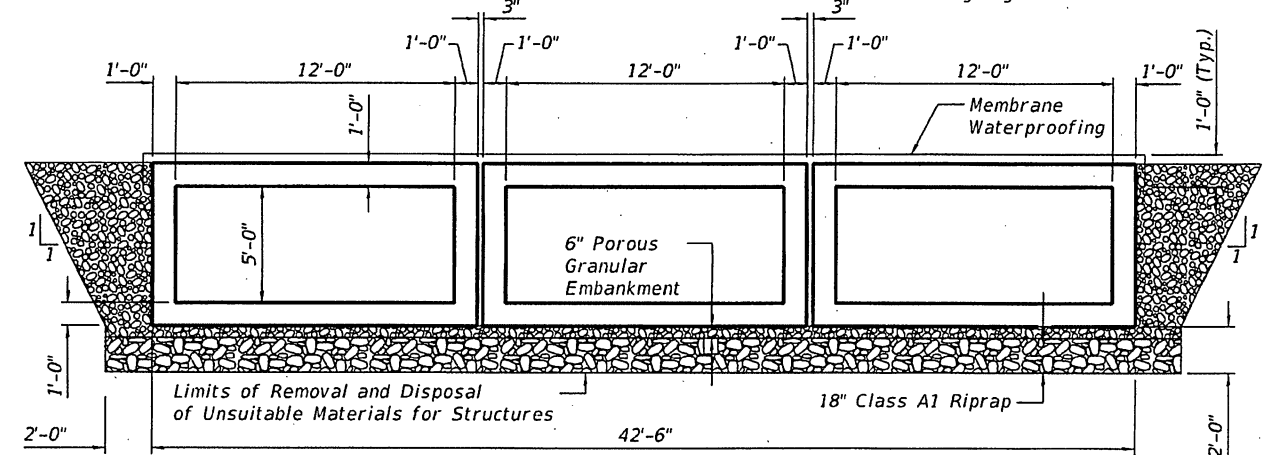
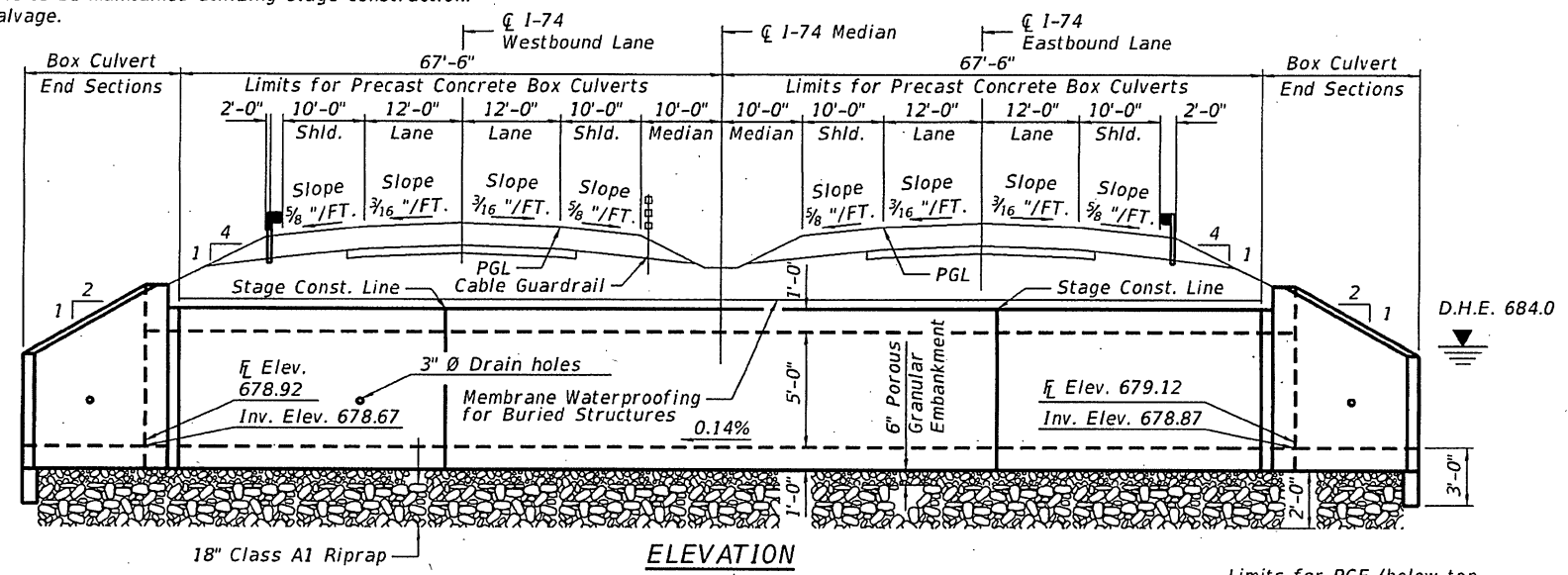
Benchmark: IP with cap. Located at Station 485+26.42, 3.72 Left, Elevation 691.87.
 Existing Structure: SN 010-8054 built in 1960 as FAI 74, a single cell 8'x3'x134'-4"
 cast-in-place box culvert on a 0° skew with 45° wingwalls.
 Traffic to be maintained utilizing stage construction.
 No salvage.



SIGNED: *Benjamin Boye*
 DATE: 12/7/2012
 ILLINOIS STRUCTURAL ENGINEER
 NO. 081-007230
 LICENSE EXPIRES: 11-30-2018

INDEX OF SHEETS

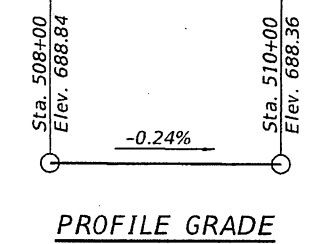
- 1 General Plan and Elevation
- 2 Staging Plan and Details
- 3 Multi-Cell Precast Concrete Box Culvert Apron End Section Details
- 4 Multi-Cell Precast Concrete Box Culvert Apron End Section Details
- 5 Geotextile Retaining Wall Details
- 6-7 Boring Logs



GENERAL NOTES:

The design fill height for this box culvert is 2.0 ft. The precast box culvert sections shall conform to the requirements of ASTM C1577.
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than three feet. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specifications.
 Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be six ounces per square yard.
 Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment below the top of the box culvert extending to a vertical plane two feet from the exterior sides of the culvert, two feet from the back face of the end sections, and no closer than two feet from the face of the embankment.
 Guardrail shall be attached to structure per Standard 630101. Posts shall not be attached near box culvert joints or haunched areas. Guardrail offset and locations may be adjusted as needed.
 An aluminum table of the type shown on Standard 667101 shall be placed on the proposed structure as directed by the Engineer. The bench mark elevation will be established and marked by the Department. This work will be paid for at the Contract Unit Price each for Permanent Bench Marks.

SECTION THROUGH BARREL
(Looking North)



DESIGN SPECIFICATIONS
 2014 AASHTO LRFD Bridge Design Specifications 7th Edition with 2015 and 2016 interims, ASTM C1577

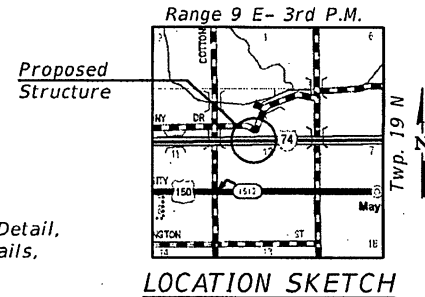
LOADING HL-93
 Allow for 50 psf for Future Wearing Surface Design Earth Cover 2 feet.

DESIGN STRESSES

PRECAST UNITS
 $f'_c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

FIELD UNITS
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Welded Wire Reinforcement)
 $f_y = 60,000$ psi (Reinforcement)

APPROVED
 For Structural Adequacy Only
Dr. Carl Kuykendall
 Engineer of Bridges & Structures



GENERAL PLAN AND ELEVATION
F.A.I. RTE. I-74 OVER TRIBUTARY TO THE SALINE BRANCH DRAINAGE DISTRICT DITCH
F.A.I. RTE. 74 SEC. 10-6 RS-4 & 10-7 RS-3
CHAMPAIGN COUNTY
STATION 508+85.75
S.N. 010-2045

Note: See Sheet 2 for Construction Staging Detail, Waterway Information Table, Name Plate details, and Total Bill of Materials.

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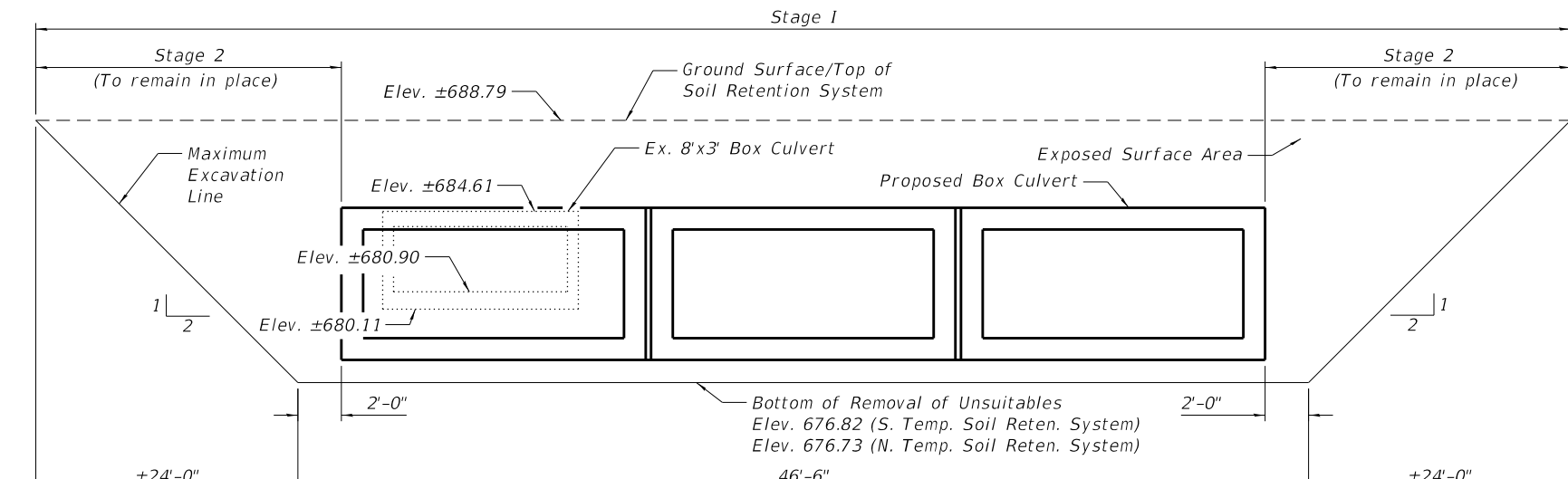
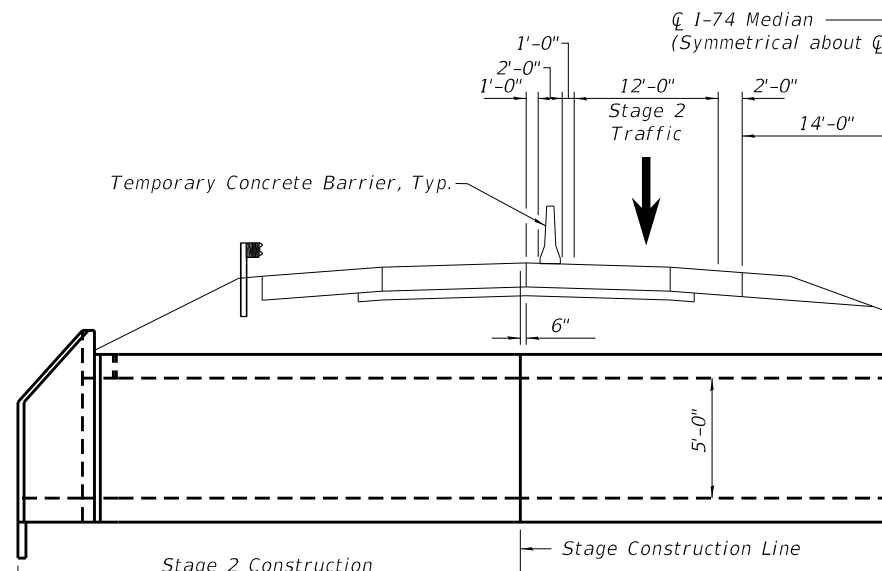
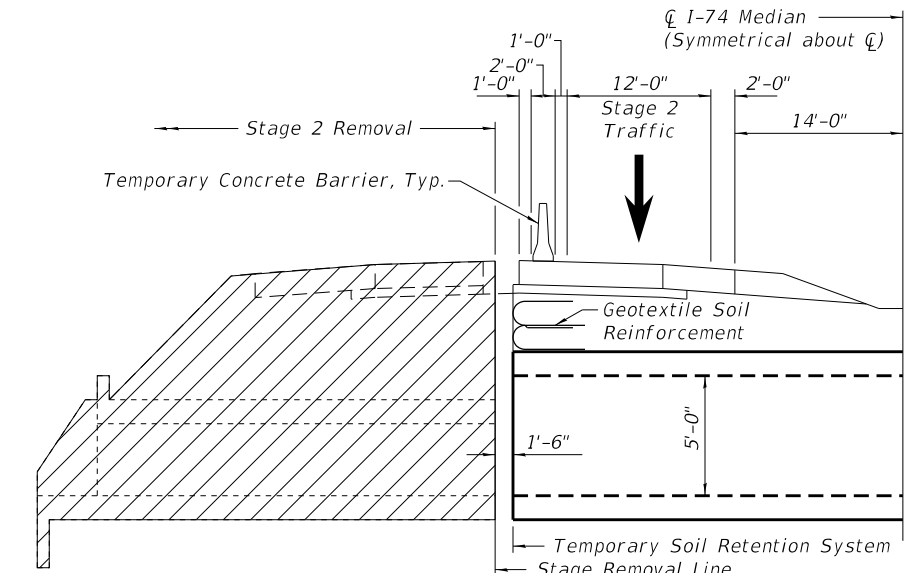
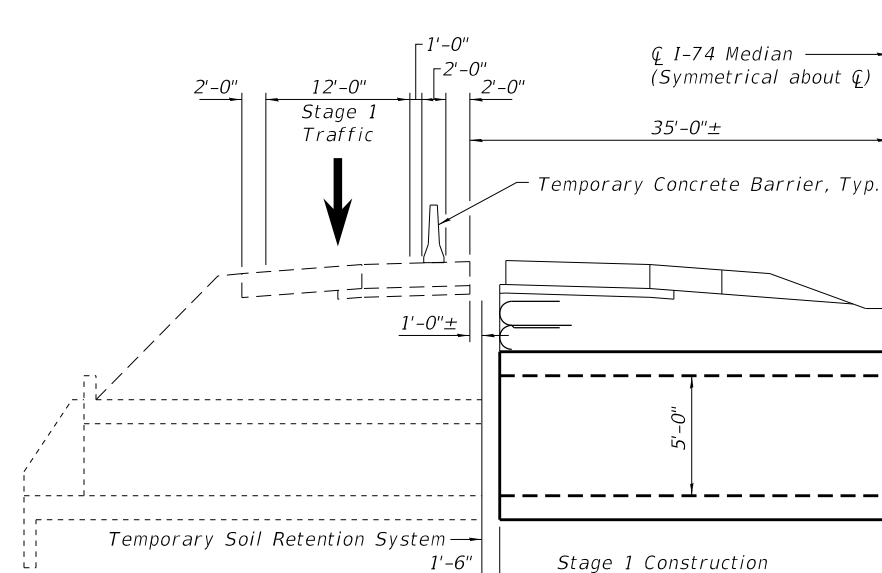
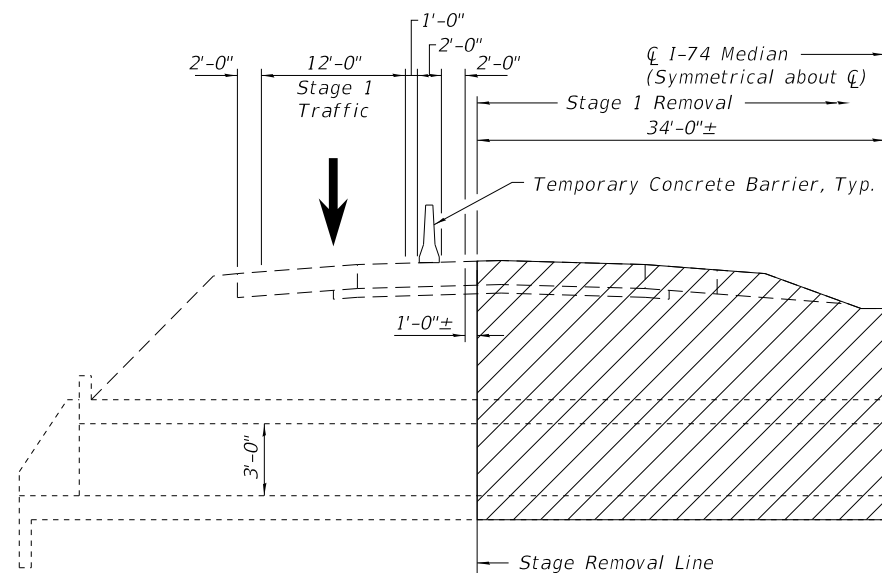


DESIGNED - MC	REVISIONS
CHECKED - BB	REVISIONS
DRAWN - RJO	REVISIONS
PLDT DATE = 12/7/2012 3:27:18 PM	CHECKED - BB
	REVISIONS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION F.A.I. 74
 OVER TRIBUTARY TO THE SALINE BRANCH DRAINAGE DISTRICT DITCH
 SHEET NO. 1 OF 7 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6 RS-4 & 10-7 RS-3	CHAMPAIGN	109	76
			CONTRACT NO. 70789	
ILLINOIS FED. AID PROJ. CT				

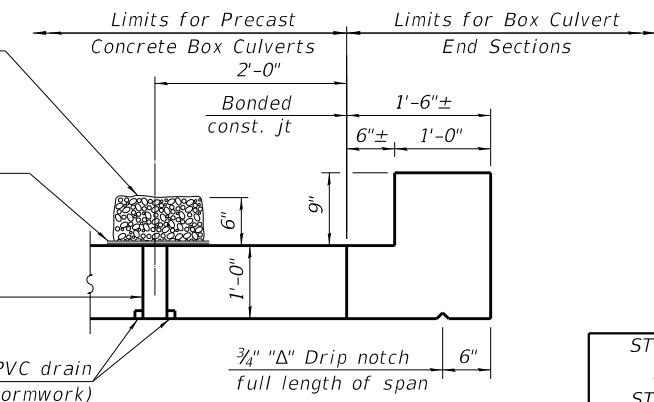


12" x 12" x 6" block of CA5, CA7, or CA11 coarse aggregate placed over drain opening. Block of aggregate shall be completely wrapped in nonwoven geotextile fabric.

Provide a double layer of 12" x 12" nonwoven geotextile fabric centered over the drain hole. Perimeter of fabric shall be sealed to the concrete with mastic.

3" Ø PVC drain cast with the concrete (Adjust location to clear reinforcement)

1/2" Square foam blockout around PVC drain (to be removed with formwork)



Notes:
 All sections are looking Upstation.
 One lane of traffic in each direction shall be maintained during each stage.
 See Sheet 5 of 7 for Geotextile Wall Details.

STATION 508+85.75
 BUILT 201 BY
 STATE OF ILLINOIS
 F.A.I. 74 SEC. 10-6RS-4
 & 10-7RS-3
 LOADING HL-93
 STRUCTURE NO. 010-2045

NAME PLATE
 See Std. 515001

WATERWAY INFORMATION

Drainage Area = 3.14 sq. mi. Existing Low Grade Elev. = 686.19 @ Sta. 520+00
 Proposed Low Grade Elev. = 686.19 @ Sta. 520+00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.		Head - Ft.		Headwater El.	
			Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	Exist.	Prop.
Design	50	1000	24	176	684.0	2.9	0.6	686.9	684.6	
Base	100	1180	24	180	684.2	2.8	1.1	687.0	685.3	
Overtopping	2	239	24	-	682.9	3.3	-	686.2	-	
Max. Calc.	500	1620	-	180	684.5	-	1.9	-	686.4	

10 Yr. Outlet Velocity from existing culvert = 10.3 fps
 10 Yr. Outlet Velocity from proposed culvert = 4.03 fps

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	1
Name Plates	Each	1
Box Culvert End Sections, Culvert No. 1	Each	2
Precast Concrete Box Culverts, 12x5	Foot	405
Porous Granular Embankment	Cu Yd	515
Membrane Waterproofing for Buried Structures	Sq Yd	673
Removal and Disposal of Unsuitable Materials for Structures	Cu Yd	512
Stone Riprap, Class A1	Ton	583.1
Geotextile Retaining Wall	Sq Ft	344
Temporary Soil Retention System	Sq Ft	1622

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NOT TO SCALE

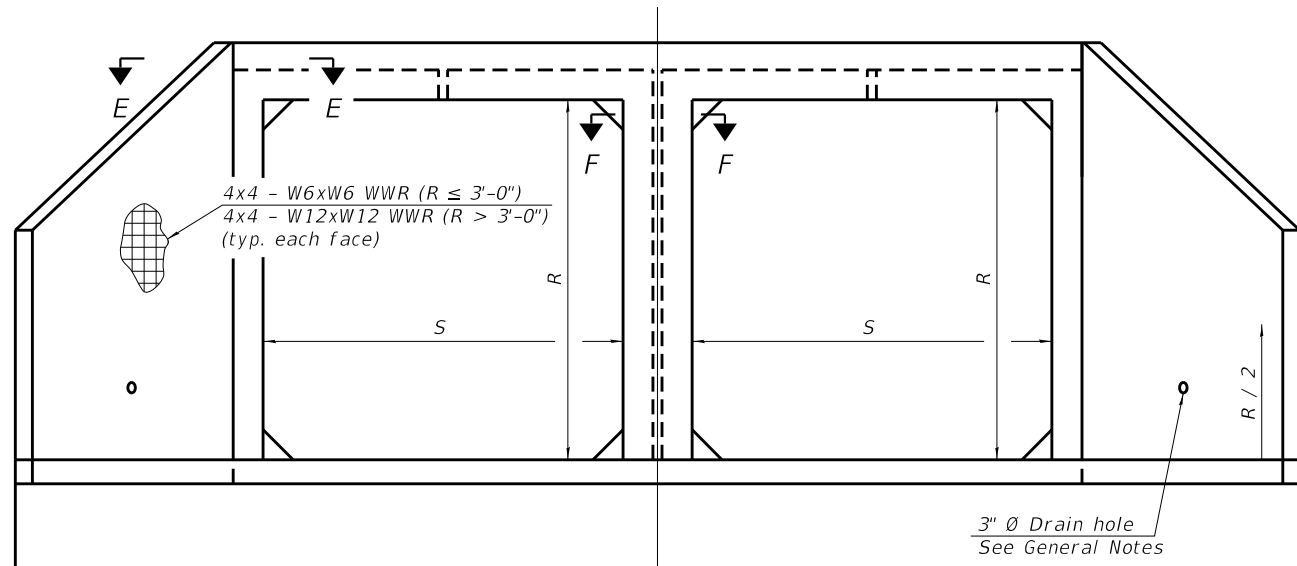
Kaskaskia Engineering Group, LLC
 288 E. Main St., Suite 200
 Moline, IL 61704
 617-233-2877
 617-233-2977 Fax
 www.kaskaskiaeng.com

USER NAME =	DESIGNED -	REVISD -
	MC	
CHECKED -	REVISD -	
BB		
PLOT SCALE =	DRAWN -	REVISD -
	RJO	
PLOT DATE =	CHECKED -	REVISD -
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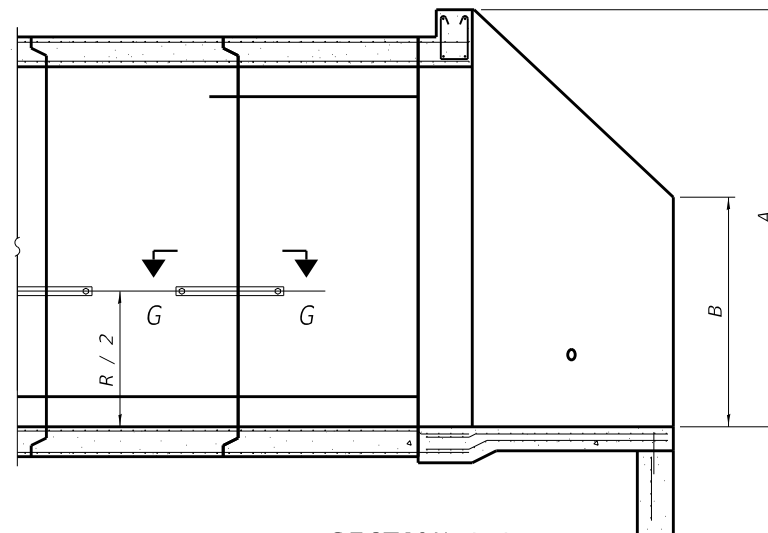
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STAGING PLAN AND DETAILS F.A.I. RTE. 74
 OVER TRIBUTARY TO THE SALINE BRANCH DRAINAGE DISTRICT DITCH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6 RS-4 & 10-7 RS-3	CHAMPAIGN	109	77
CONTRACT NO. 70789				



END VIEW



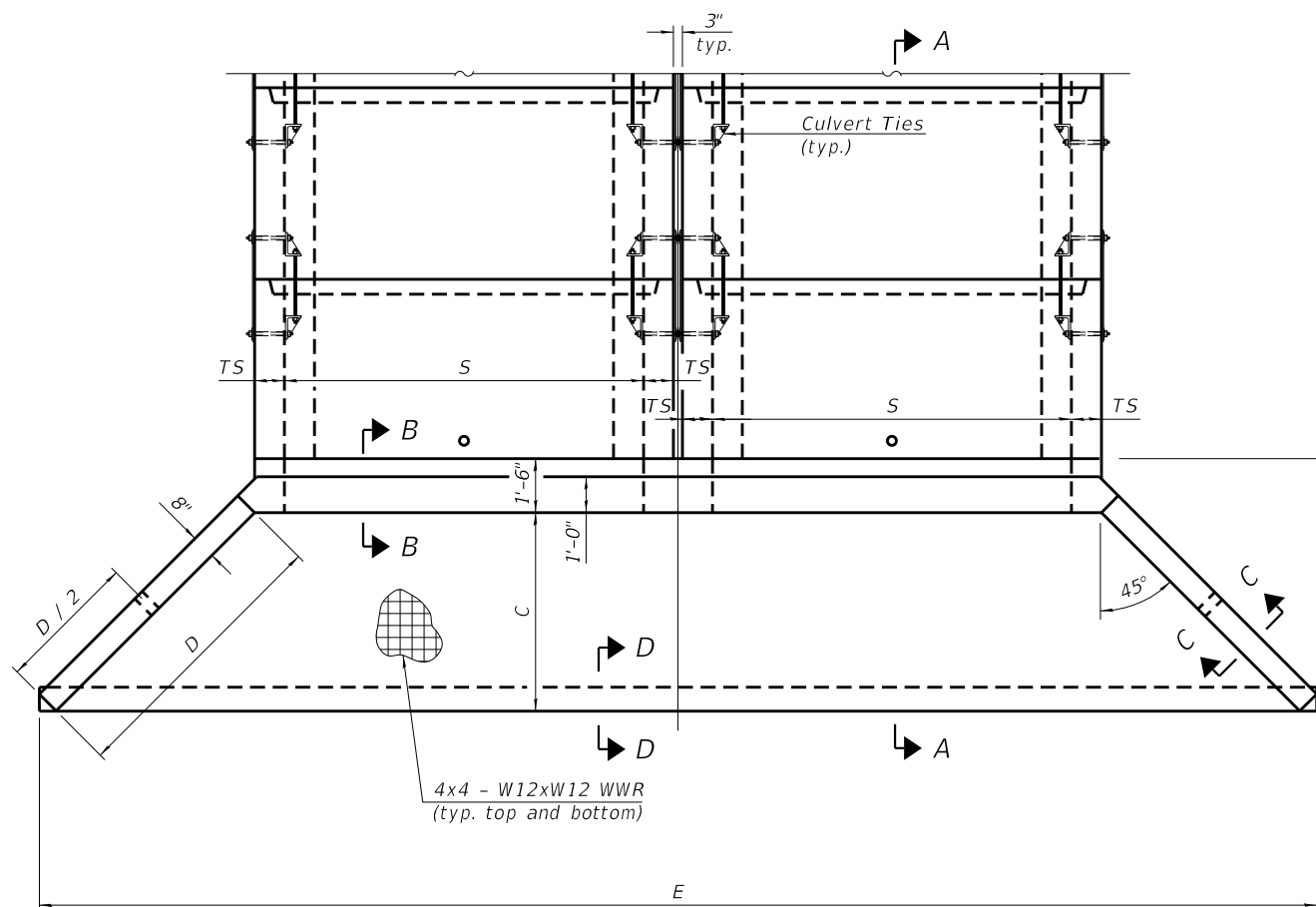
SECTION A-A

GENERAL NOTES

- Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.
- Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.
- Details for Double Cell Box Culvert shown. Details for Triple Cell Box Culvert similar.
- The details contained herein are for constructing the end sections using cast-in-place (CIP) construction. The Contractor may propose to furnish the end sections using precast construction methods and the end sections may consist of multiple precast concrete segments. The Contractor shall be responsible for determining all details associated with the precast option including any strengthening or stiffening provisions necessary for handling the precast segments. Conceptual details followed by shop drawings and design calculations sealed by an Illinois Licensed Structural Engineer shall be submitted to the Engineer for review and approval. Elements of the precast option shall at a minimum result in the same wingwall geometry and not have a thickness less than that detailed herein. The option to construct the end sections using precast construction methods shall be at no additional charge.
- Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than 1/2" nor more than 2".
- The contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.
- Reinforcement (circumferential and longitudinal) in the precast concrete box culvert segments immediately adjacent to the box culvert end sections that is being lapped with the end section reinforcement shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.
- One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.
- The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor.
- All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt , Tb , & Ts	Triple Cell					Concrete Cu. Yd.
			A	B	C	D	E	
12'-0"	5'-0"	12"	6'-9"	3'-11"	6'-3 3/8"	8'-11"	56'-0 3/8"	23.8



PLAN

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1/17/2016
11.06.0011
20-080546

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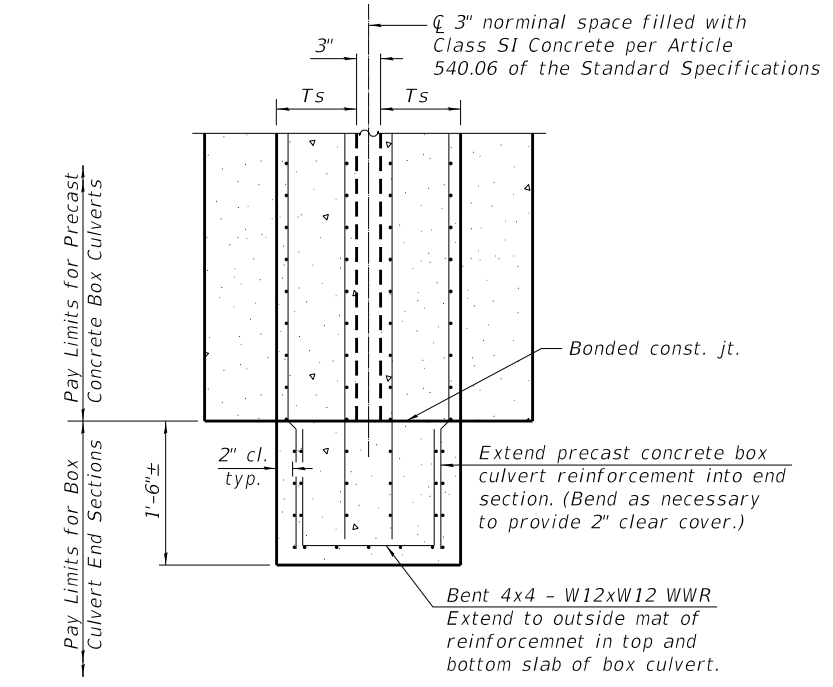
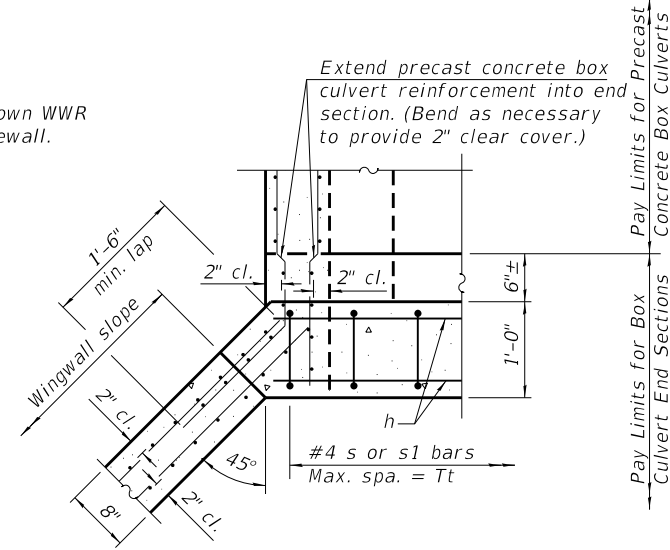
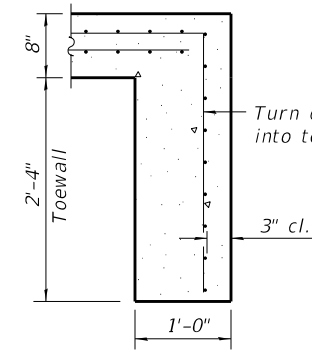
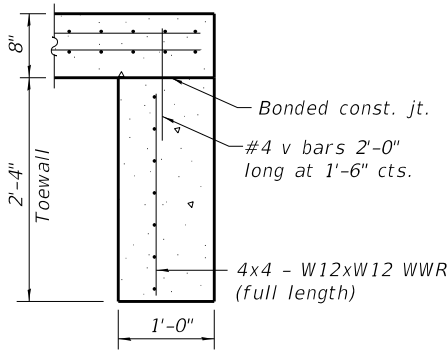
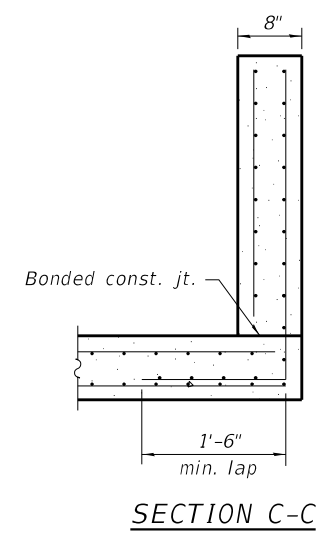
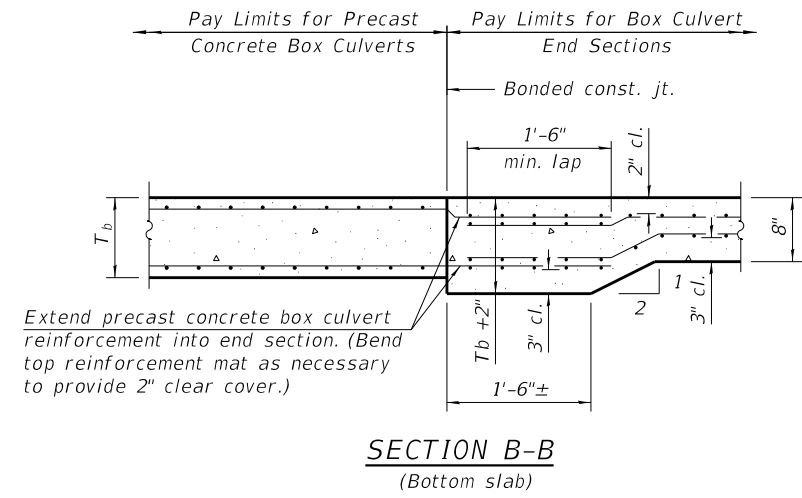
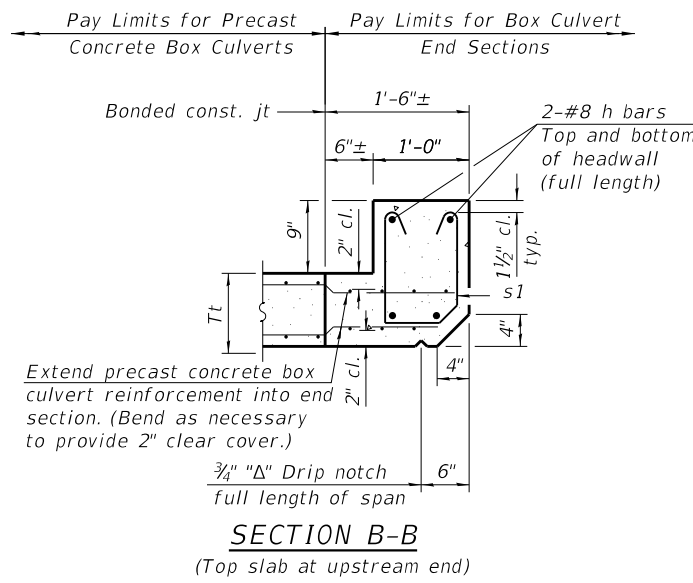
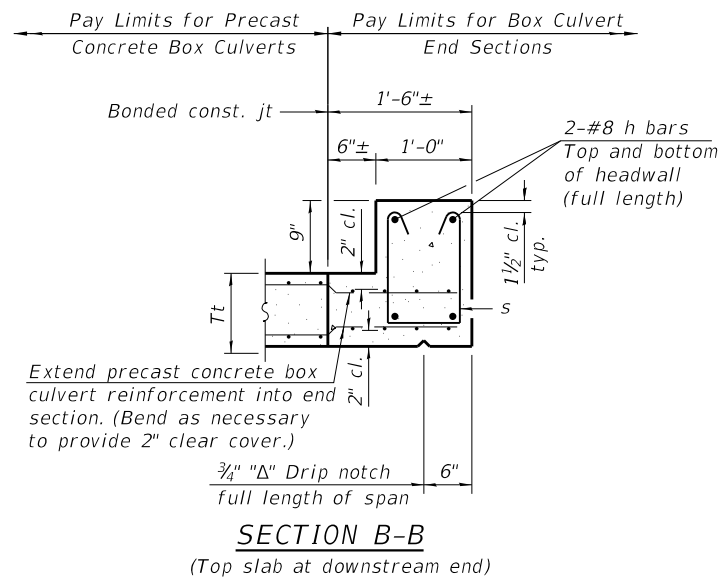
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MULTI-CELL PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS - STRUCTURE NO. 010-2045

SHEET NO. 3 OF 7 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6 RS-4 & 10-7 RS-3	CHAMPAIGN	109	78
CONTRACT NO. 70789				

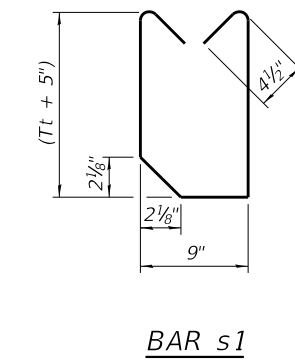
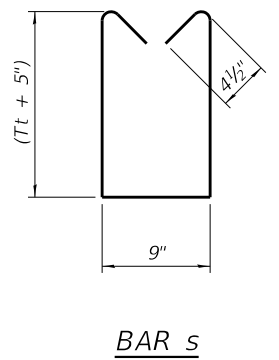
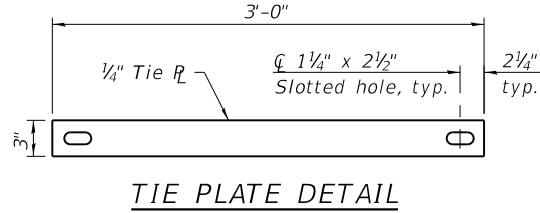
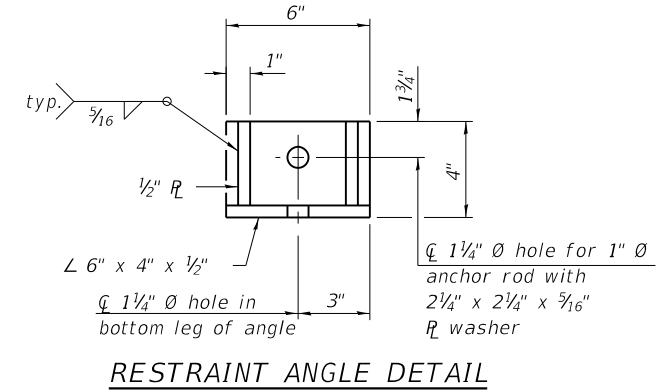
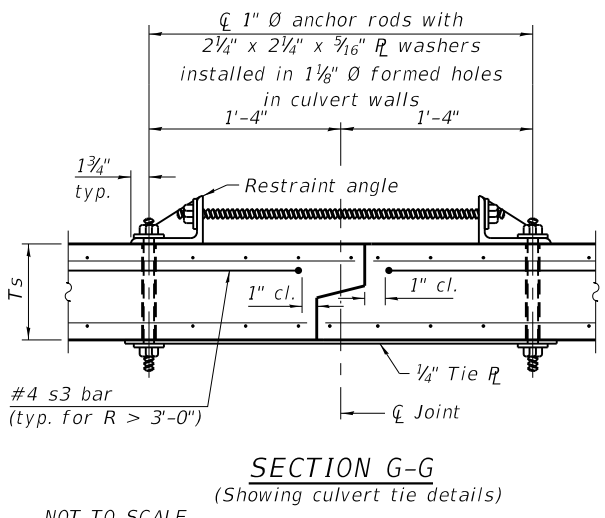
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Notes:
 If soil conditions permit, the toewall may be poured monolithically with the bottom slab of the end section using Alt. Section D-D subject to approval from the Engineer.
 1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and prepare bedding for box culvert end sections.
3. Construct remainder of box culvert end section.



BILL OF MATERIAL
(For Information Only)

Bar	No.	Size	Length	Shape
h	8	#8	42'-2"	
s	44	#4	4'-4"	
s1	44	#4	4'-3"	
v	76	#4	2'-0"	

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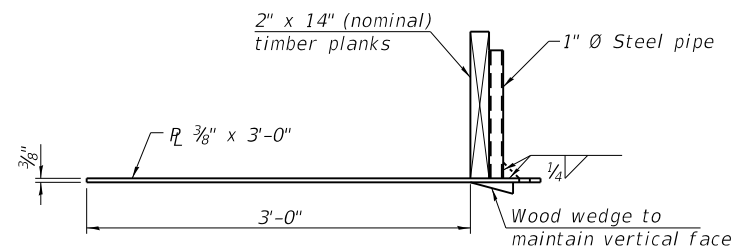
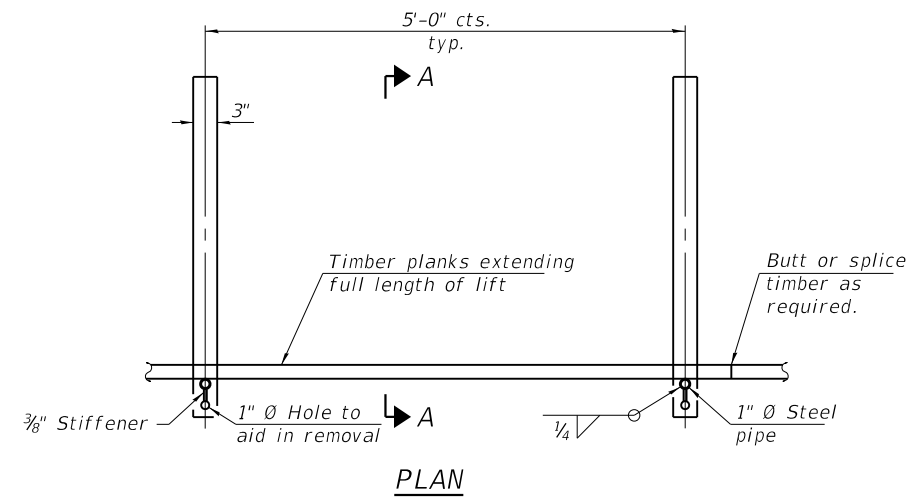


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MULTI-CELL PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS - STRUCTURE NO. 010-2045

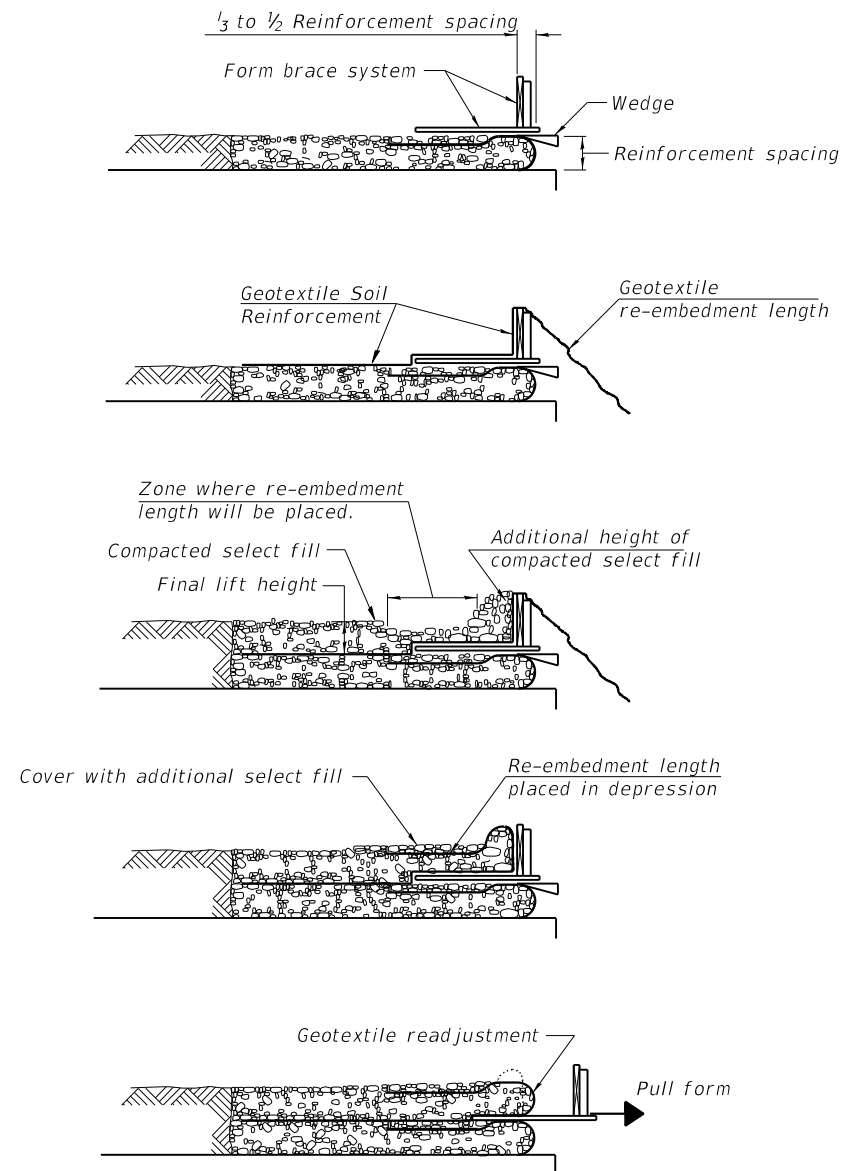
F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6 RS-4 & 10-7 RS-3	CHAMPAIGN	109	79
CONTRACT NO. 70789				



SECTION A-A

Note:
This is a suggested detail, the Contractor is responsible for the design of the form brace system to be used.

**GEOTEXTILE
FORM BRACE DETAIL**



1. Place form brace system on completed reinforcement level; back from the finished fabric face a distance of $\frac{1}{3}$ to $\frac{1}{2}$ the geotextile reinforcement spacing.

2. Position fabric so that the required geotextile re-embedment length extends over the top of the form brace and the design reinforcement width is placed with no slack against the previous level.

3. Compact select fill material in lifts to final lift height, create (± 3 ") depression in zone where re-embedment length will be located and place additional height of compacted select fill against form brace.

4. Fold geotextile re-embedment length back over form brace into zone where depression was made in select fill and place additional select fill (± 3 ") to embed geotextile and bring to final lift height.

5. Pull form brace outward allowing geotextile face to slightly readjust to form tight round face level with plan reinforcement spacing.

**GEOTEXTILE WALL
CONSTRUCTION SEQUENCE**

Note:
The geotextile soil reinforcement shall have a minimum allowable tensile strength (T min.) of 15 lb./in. as determined by the procedure described in the Special Provision. The computations supporting the determination of (T min.) shall be submitted to the engineer for approval.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOTEXTILE RETAINING WALL DETAILS
OVER TRIBUTARY TO THE SALINE BRANCH DRAINAGE DISTRICT DITCH

SHEET NO. 5 OF 7 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6 RS-4 & 10-7 RS-3	CHAMPAIGN	109	80
CONTRACT NO. 70789				

ILLINOIS FED. AID PROJECT



SOIL BORING LOG

Page 1 of 1

Date 6/1/17

ROUTE I-74 DESCRIPTION Culvert Replacement LOGGED BY KEG
 SECTION 10-CRS-4 and 10-7RS-3 LOCATION I-74 Between Urbana and St. Joseph
 COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTO

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	D	B	U	M							
010-8054	509+00	B-1	509+20	70.00ft LT	687.2	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft		(ft)	(/6")	(tsf)	(%)							
TOPSOIL: 6 IN						686.70				TILL: Gray, sand pocket, hard (continued)																	
SILTY CLAY: Brown, fill, trace organics, soft							2			SAND: Gray, medium to coarse grain, medium dense						4			9			14					
							2	0.6	20																		
							2	B																			
trace sand, fill, medium							3			SAND TO GRAVEL: Coarse grain, medium dense						8			12			9					
							3	2.0	18																		
							4	P																			
							-5																				
SILT: Black, fill, medium						681.20	3			CLAY TILL: Gray, trace gravel, hard						10			18	>4.5		12					
							4	0.5	27																		
							6	P																			
SHELBY TUBE RECOVERY: 11 IN																											
Atterberg Data: LL=35%								0.5	20																		
PL=14%								P																			
PI=21%							-10																				
CLAYEY SILT: Brown, medium						676.20	3																				
							3	2.0	14																		
							5	B																			
becomes brown to gray, trace gravel, stiff							6																				
							7	2.1	13																		
							8	B																			
							-15																				
becomes gray, trace gravel							4																				
							4	1.4	11																		
							6	B																			
TILL: Gray, sand pocket, hard						668.70	12																				
							14	3.7	9																		
							14	S																			
							-20																				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1

Date 6/1/17

ROUTE I-74 DESCRIPTION Culvert Replacement LOGGED BY KEG
 SECTION 10-CRS-4 and 10-7RS-3 LOCATION I-74 Between Urbana and St. Joseph
 COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTO

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	D	B	U	M					
010-8054	509+00	B-2	509+20	0.00ft	685.7	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft		(ft)	(/6")	(tsf)	(%)					
TOPSOIL: 4"						685.45				SAND: Gray, medium to coarse grained, medium dense (continued)															
SILTY CLAY FILL: Brown, trace gravel, medium							3			becomes fine grained, wet						5			10			18			
							3	2.1	24																
							4	B																	
becomes stiff							3			becomes medium to coarse grained						10			13			11			
							4	2.3	23																
							5	B																	
							-5																		
SILTY CLAY: Gray, trace sand, medium						679.70	3			CLAY: Gray, Tillish, trace sand, wet, hard						13			13	>4.5		10			
							3	1.7	14																
							5	B																	
SAND: Gray, fine to coarse grained, dense						657.20	11																		
							3	0.5	23																
							3	P																	
							-10																		
becomes stiff, trace gravel							3																		
							6	1.9	13																
							7	B																	
trace gravel and sand							3																		
							4	1.0	12																
							5	B																	
							-15																		
CLAYEY SAND: Gray, medium to coarse grained, dense						669.70	7																		
							16		13																
							21																		
SAND: Gray, medium to coarse grained, medium dense						667.20	12																		
							12		11																
							12																		
							-20																		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING DATA
OVER TRIBUTARY TO THE SALINE BRANCH DRAINAGE DISTRICT DITCH

F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6 RS-4 & 10-7 RS-3	CHAMPAIGN	109	81
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				

SHEET NO. 6 OF 7 SHEETS



Illinois Department of Transportation
Division of Highways

SOIL BORING LOG

Page 1 of 1

Date 6/1/17

ROUTE I-74 DESCRIPTION Culvert Replacement LOGGED BY KEG

SECTION 10-CRS-4 and 10-7RS-3 LOCATION I-74 Between Urbana and St. Joseph

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTO

STRUCT. NO. <u>010-8054</u>	D E P T H S	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft	D E P T H S	B L O W S	U C S Qu	M O I S T
Station <u>509+00</u>					Stream Bed Elev. _____ ft				
BORING NO. <u>B-3</u>	(ft)	(/6")	(tsf)	(%)	Groundwater Elev.: _____ ft	(ft)	(/6")	(tsf)	(%)
Station <u>509+20</u>					First Encounter <u>667.5</u> ft ▼				
Offset <u>65.00ft RT</u>					Upon Completion _____ ft				
Ground Surface Elev. <u>681.5</u> ft					After _____ Hrs. _____ ft				

TOPSOIL: 12"					SANDY CLAY: Gray, trace rounded gravel, tillish, hard (continued)				
680.50					----- 660.50				
SILTY CLAY: Brown, stiff	2				TILL: Gray, hard	9			
	4	2.1	16			27	8.3	9	
	5	B				36	B		
becomes medium	6				trace sand	16			
	2	1.7	17			14	2.5	9	
	5	B				16	S		
	-5					-25			
becomes gray, stiff, trace gravel	4				----- 655.50				
	5	2.3	12		SANDY CLAY: Gray, contained a sand pocket, very stiff	6			
	7	B				8	2.0	13	
						10	S		
SHELBY TUBE: Recovery - 24", very stiff					----- 653.00				
Atterberg Data: LL=19% PL=11% PI = 8%			3.3	10	SAND: Gray, medium to coarse grained, wet, medium dense	4			
	-10		P			7		15	
					----- 651.50	-30	16		
CLAY: Gray, dry, sand at bottom, very stiff	4								
	9	2.1	10						
	19	B							
668.00									
SAND: Gray, medium grained, wet, very loose	1								
	2		18						
	-15					-35			
becomes fine grained, very dense	12								
	21		18						
	29								
663.00									
SANDY CLAY: Gray, trace rounded gravel, tillish, hard	4								
	15	>4.5	10						
	24	P							
	-20					-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

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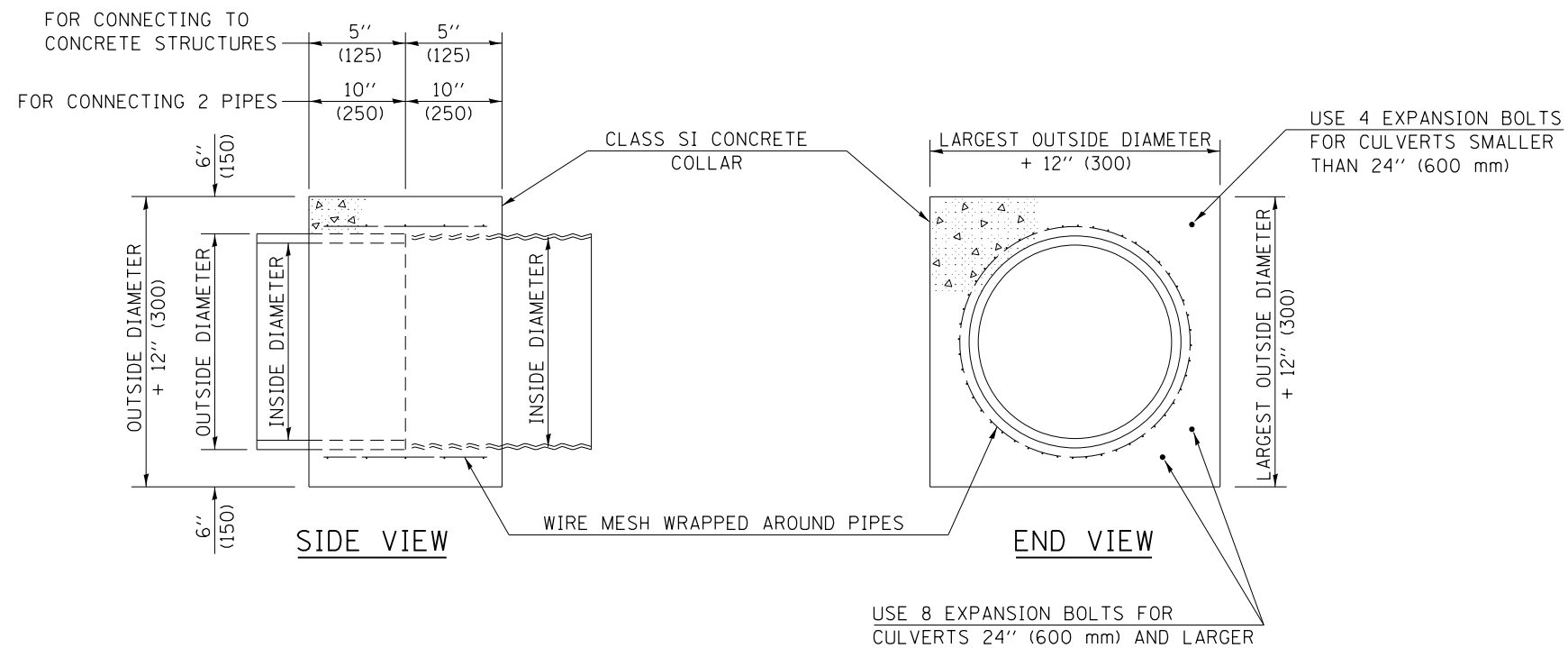


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BORING DATA
OVER TRIBUTARY TO THE SALINE BRANCH DRAINAGE DISTRICT DITCH
SHEET NO. 7 OF 7 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6 RS-4 & 10-7 RS-3	CHAMPAIGN	109	82
CONTRACT NO. 70789				
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)

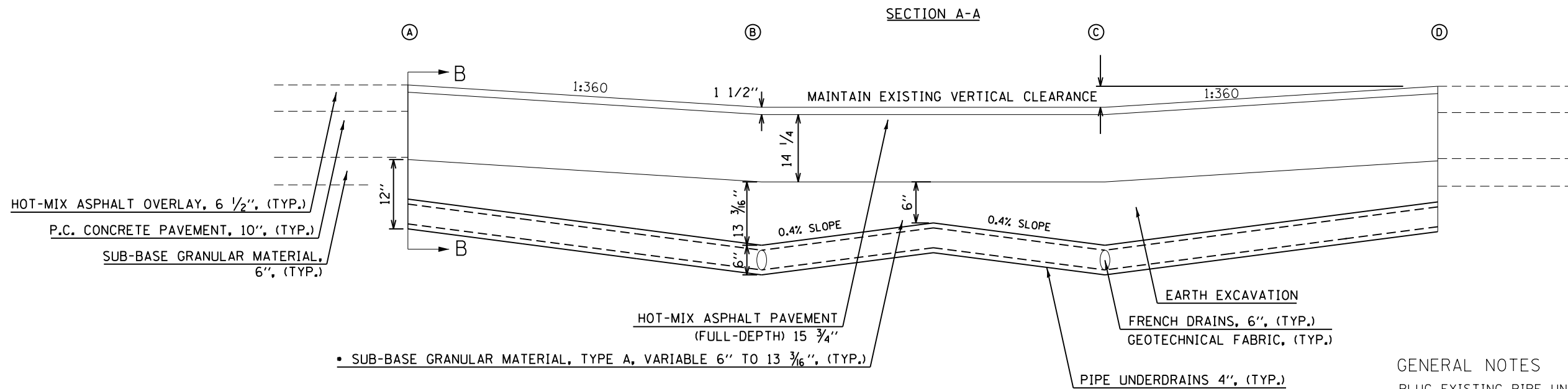
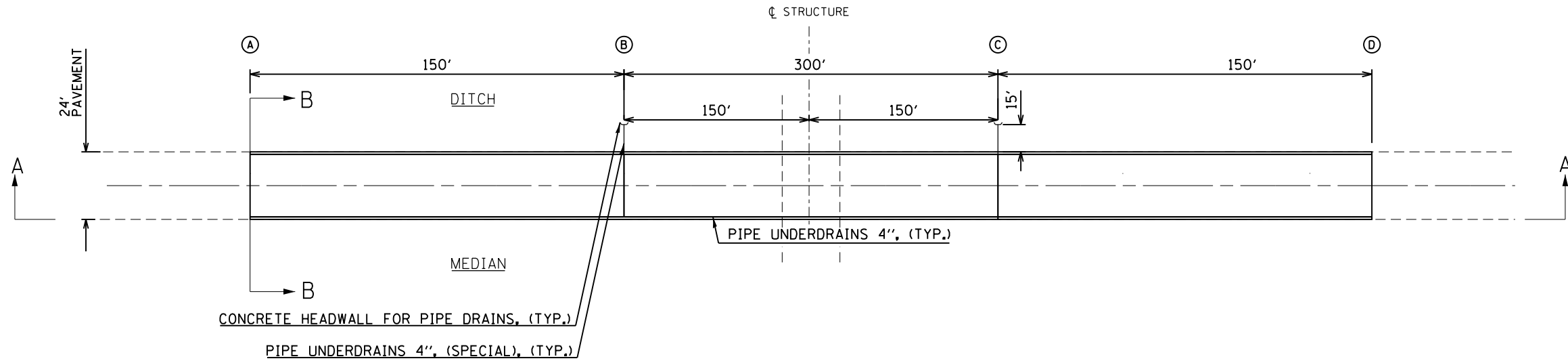
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 54248510

FILE NAME =	USER NAME = bemery	DESIGNED -	REVISED - 12/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE COLLAR			F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
... \0570789-sht-details.dgn		DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO	STA.	74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	83
		CHECKED -	REVISED -								CONTRACT NO. 70789					
		DATE -	REVISED -								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

DETAIL OF RESURFACING UNDERNEATH

SN 010-0175
SN 010-0177
SN 010-0180
SN 010-0089



GENERAL NOTES

PLUG EXISTING PIPE UNDERDRAINS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CONNECTION OF EXISTING PIPE UNDERDRAIN SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

REMOVAL OF EXISTING PIPE UNDERDRAINS AND EARTH EXCAVATION SHALL BE INCIDENTAL TO PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED

*SUBBASE DEPTH WILL VARY BASED ON CROSS SECTION. SEE SECTION B-B.

EXISTING VERTICAL CLEARANCE SHALL NOT BE REDUCED.

S.N.	A	B	☉ STATION	C	D
010-0175	427+69.46	429+19.46	430+69.46	432+19.46	433+69.46
010-0177	480+83.09	482+33.09	483+83.09	485+33.09	486+83.09
010-0180	642+81.00	644+31.00	645+81.00	647+31.00	648+81.00
010-0089 WB	758+74.23	760+24.23	761+74.23	763+24.23	764+74.23
010-0089 EB	759+26.87	760+76.87	762+26.87	763+76.87	765+26.87

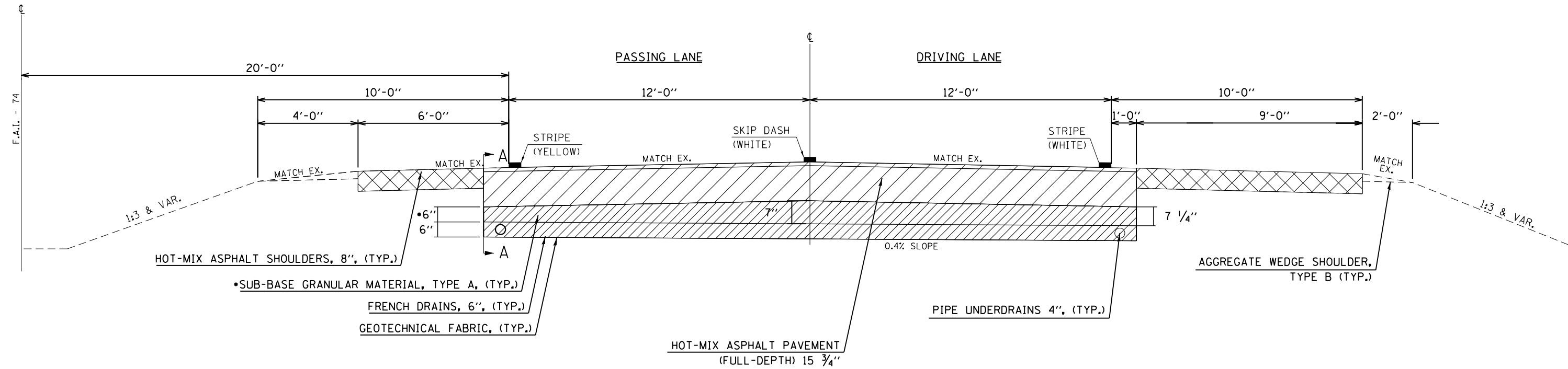
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Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	84	
	PLOT DATE = 10/13/2017 - 11:33:25 AM	CHECKED -	REVISED -			CONTRACT NO. 70789					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

DETAIL OF RESURFACING UNDERNEATH

SN 010-0175
 SN 010-0177
 SN 010-0180
 SN 010-0089

SECTION B-B



- EARTH EXCAVATION
- PAVED SHOULDER REMOVAL
- PAVEMENT REMOVAL

PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH HOT-MIX ASPHALT BINDER COURSE

MATCH EXISTING SHOULDER SLOPE UP TO MAXIMUM 6% MAXIMUM

BINDER LIFT THICKNESSES
 -MINIMUM LIFT THICKNESS 2 1/4"
 -MAXIMUM LIFT THICKNESS 4 3/4"

SAWCUTS REQUIRED FOR PAVEMENT REMOVAL SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL

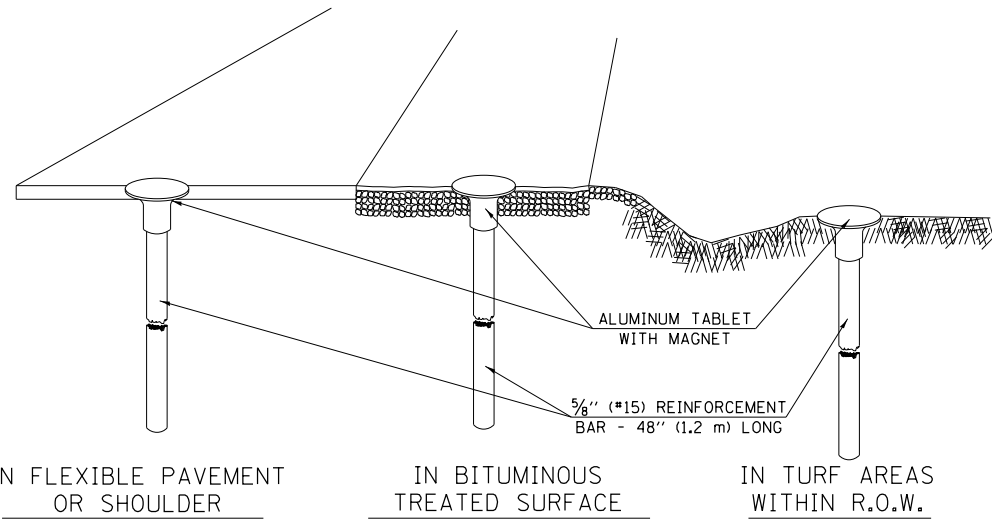
• EXISTING SUBGRADE SHALL BE EVALUATED BY THE ENGINEER TO ASSESS THE NECESSARY DEPTH OF SUB-BASE GRANULAR MATERIAL FOR STABILITY.

FILE NAME = ... \0570789-sht-details.dgn	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF RESURFACING UNDERNEATH OVERHEAD STRUCTURES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	85	
	PLOT DATE = 10/13/2017 - 11:33:25 AM	CHECKED -	REVISED -			SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.		CONTRACT NO. 70789			
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

DESIGNER NOTE: BDE 58-8-02 "PLACE MARKERS AT THE PT'S AND PC'S OF ALL HORIZONTAL CURVES AND SPACE THEM ALONG TANGENTS SO THAT TWO MARKERS ARE ALWAYS INTERVISIBLE."

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

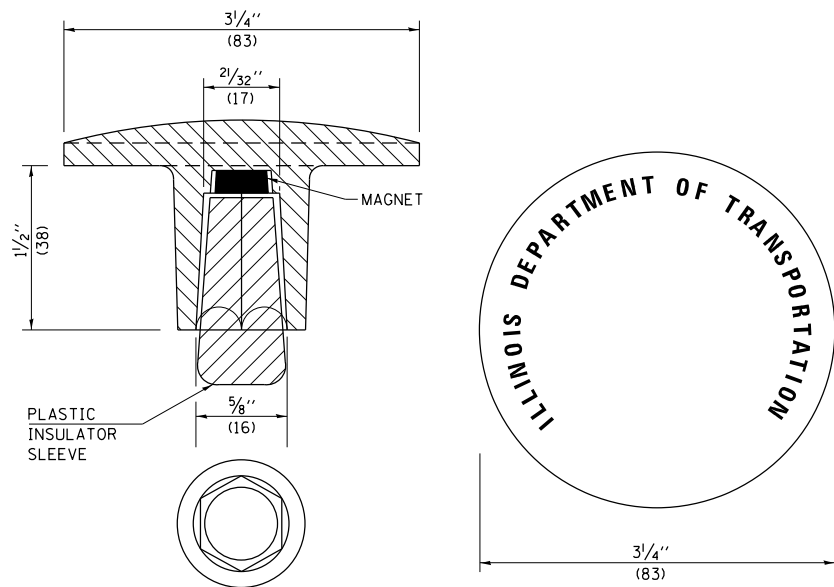
SURVEY CAP FOR REBAR. 3/4" (83 mm) CONVEX SURVEY CAP FOR 5/8" (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS 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 1/2" (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.



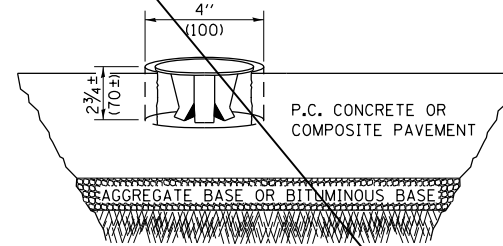
THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

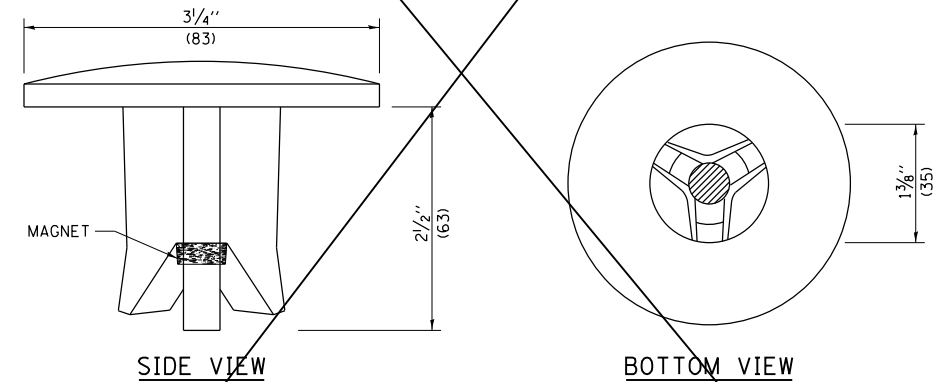
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



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; 00-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 = bemory	DESIGNED -	REVISED - 11/06
...\\0570789-sht-details.dgn		DRAWN -	REVISED - 11/10
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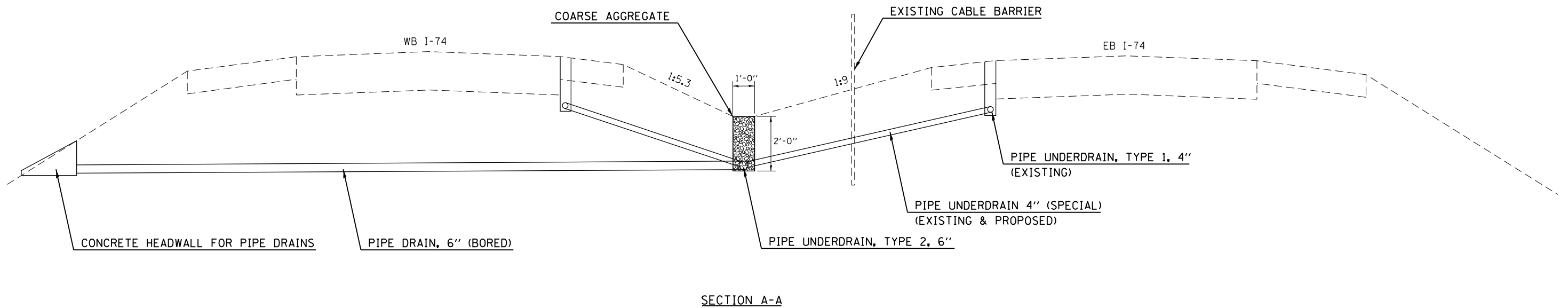
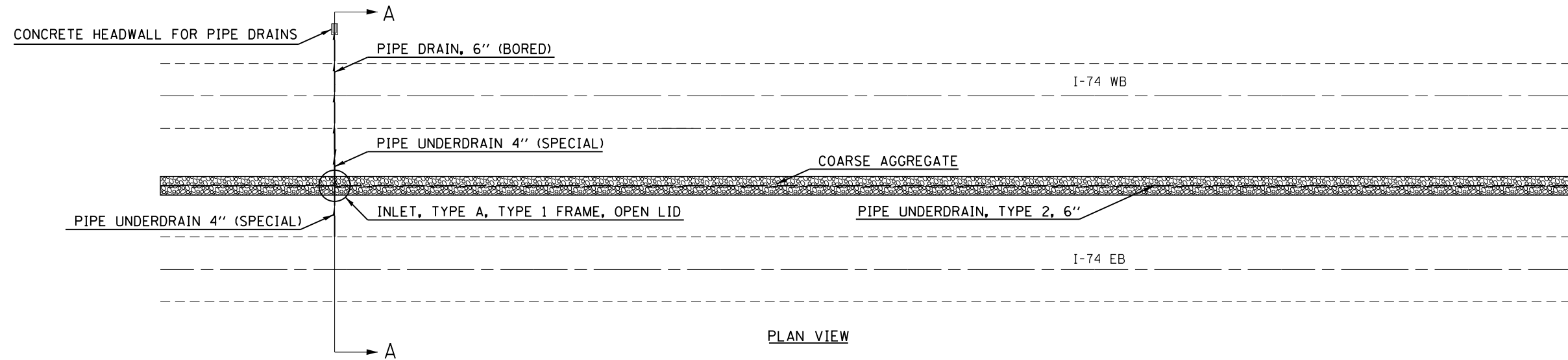
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKERS TYPE 1 & 2 (SPECIAL)

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	86
FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT
CONTRACT NO. 70789				

MEDIAN DRAINAGE REMEDIATION



FILE NAME = ... \0570789-sht-details.dgn	USER NAME = bemory	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
PLOT SCALE = 40.0000' / in.			
PLOT DATE = 10/13/2017 - 11:33:26 AM			

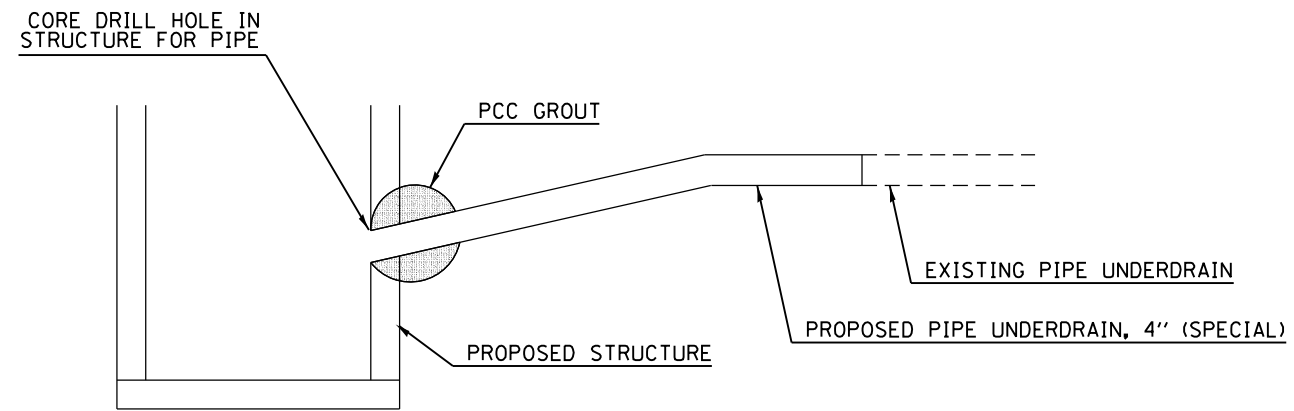
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MEDIAN DRAINAGE REMEDIATION

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

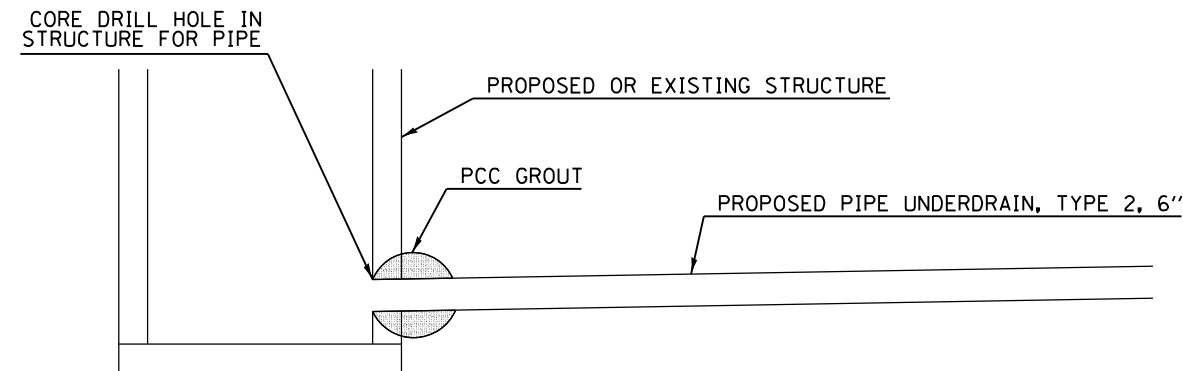
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	87
CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT				

MEDIAN DRAINAGE REMEDIATION



NOTE:
 ALL ITEMS REQUIRED FOR CONNECTING PROPOSED
 PIPE UNDERDRAINS 4" (SPECIAL) TO STRUCTURE
 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE
 EACH FOR UNDERDRAIN CONNECTION TO STRUCTURE.

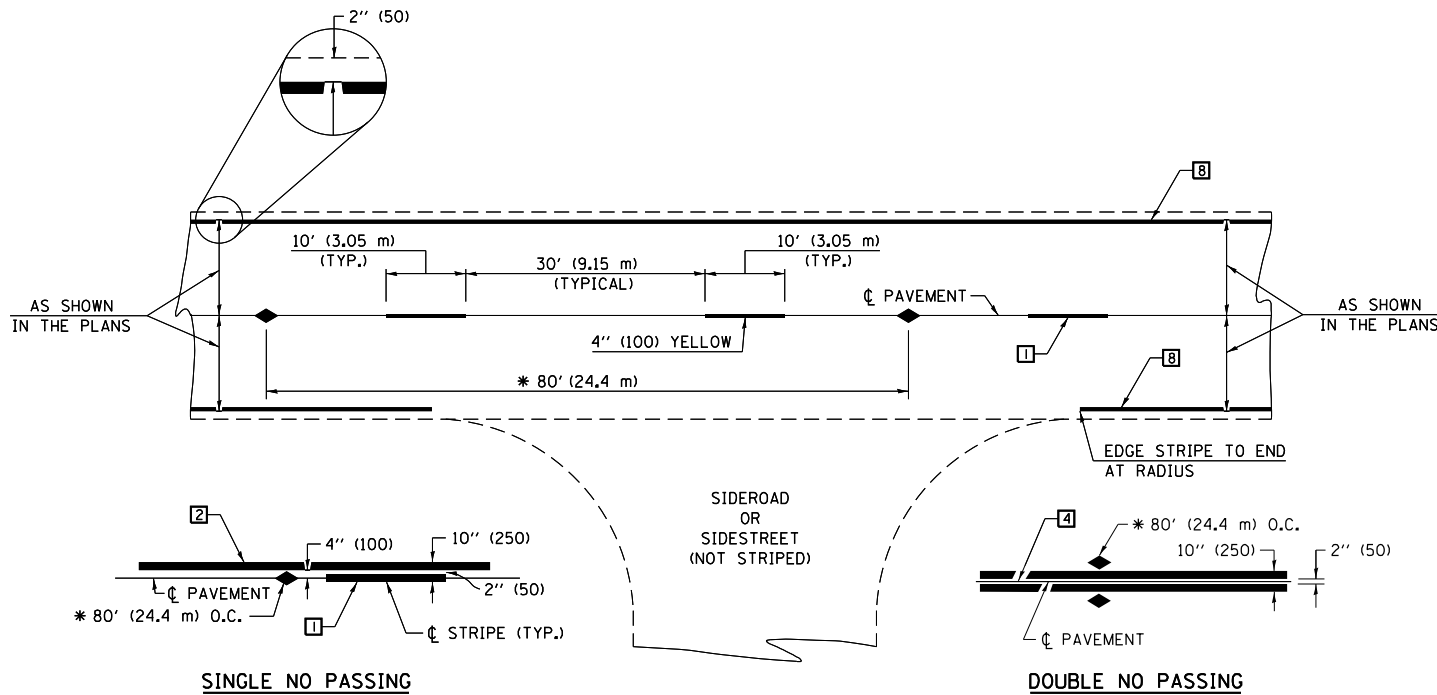
DETAIL OF CONNECTING PIPE UNDERDRAIN 4" (SPECIAL) TO STRUCTURE



NOTE:
 ALL ITEMS REQUIRED FOR CONNECTING PROPOSED
 PIPE UNDERDRAINS, TYPE 2, 6" TO STRUCTURE
 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE
 EACH FOR UNDERDRAIN CONNECTION TO STRUCTURE.

DETAIL OF CONNECTING PIPE UNDERDRAIN, TYPE 2, 6" TO STRUCTURE

FILE NAME = ... \0570789-sht-details.dgn	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MEDIAN DRAINAGE REMEDIATION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	88	
		CHECKED -	REVISED -			CONTRACT NO. 70789					
Default	PLOT DATE = 10/13/2017 - 11:33:26 AM	DATE -	REVISED -			SCALE:	SHEET 2 OF 2 SHEETS	STA.	TO STA.	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

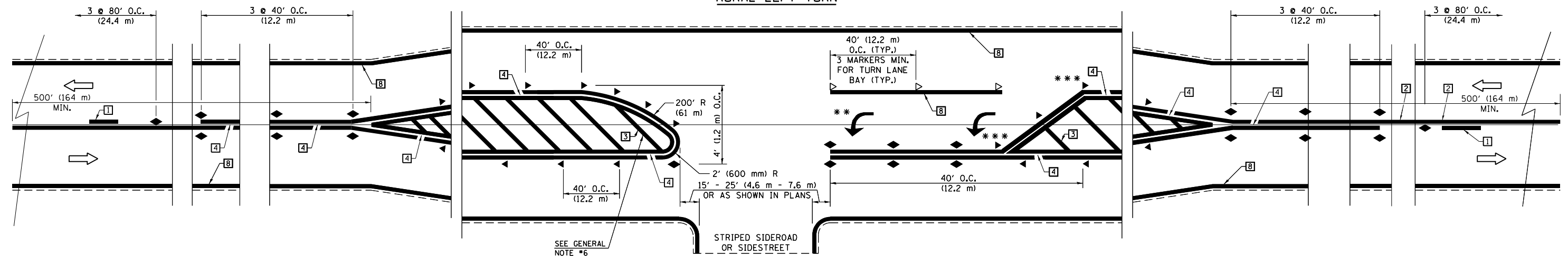
TYPICAL PAVEMENT MARKING LEGEND

- 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

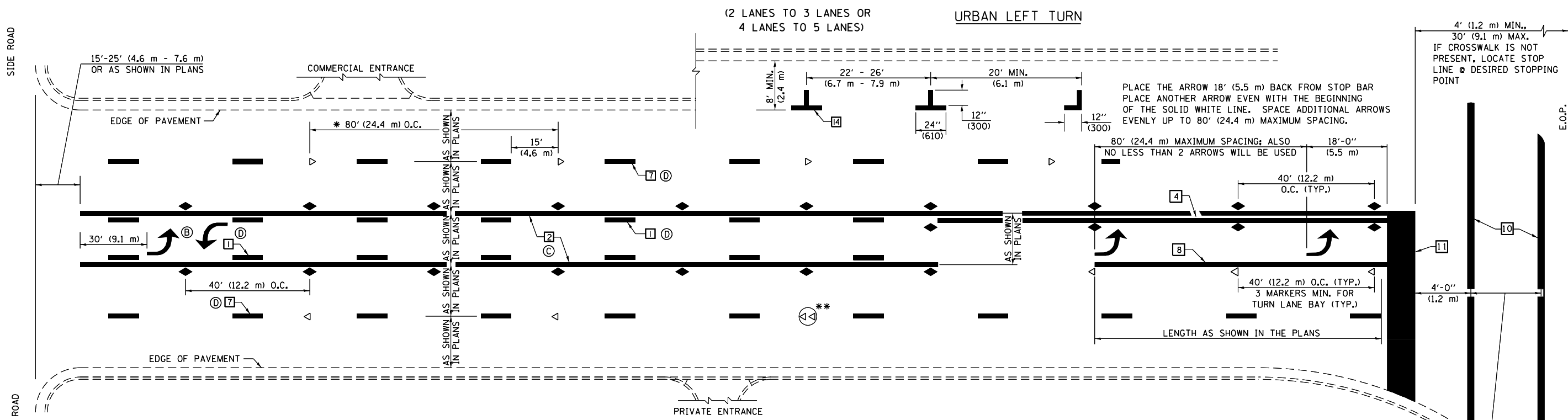


*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
 ** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

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

DISTRICT 5 DETAIL NO. 7800AAA

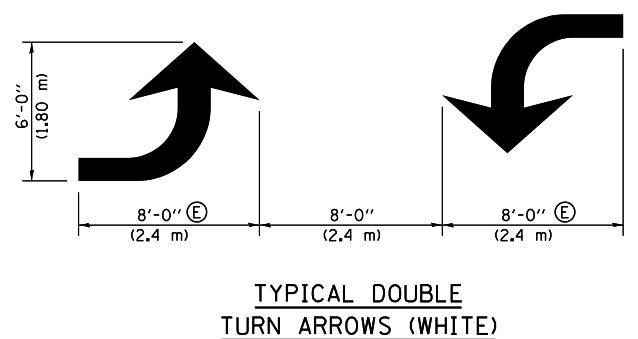
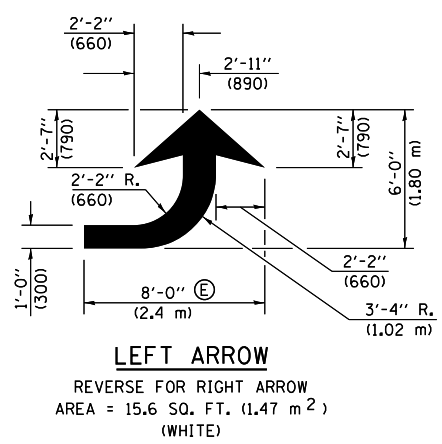
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		DRAWN -	REVISED - 09/2009 - KJT					74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	89
		CHECKED -	REVISED -		CONTRACT NO. 70789							
		DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					



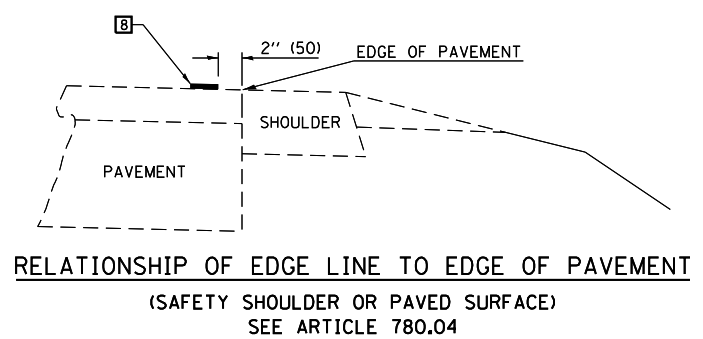
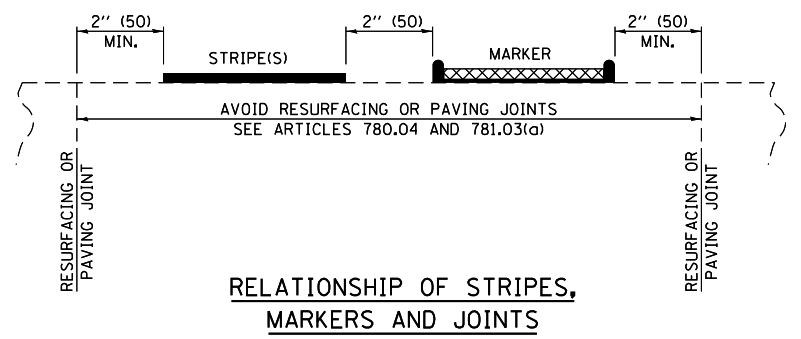
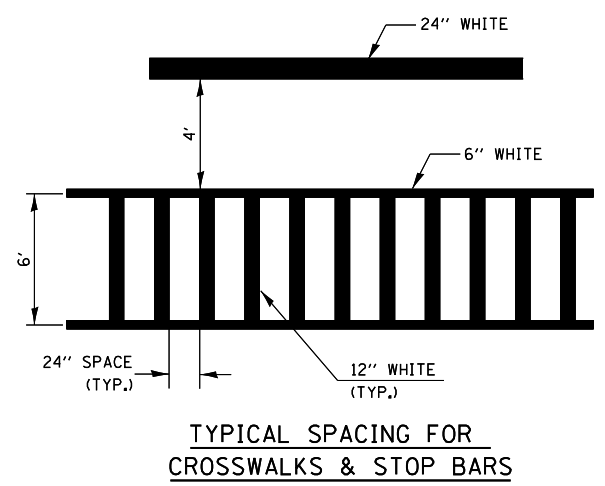
* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

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



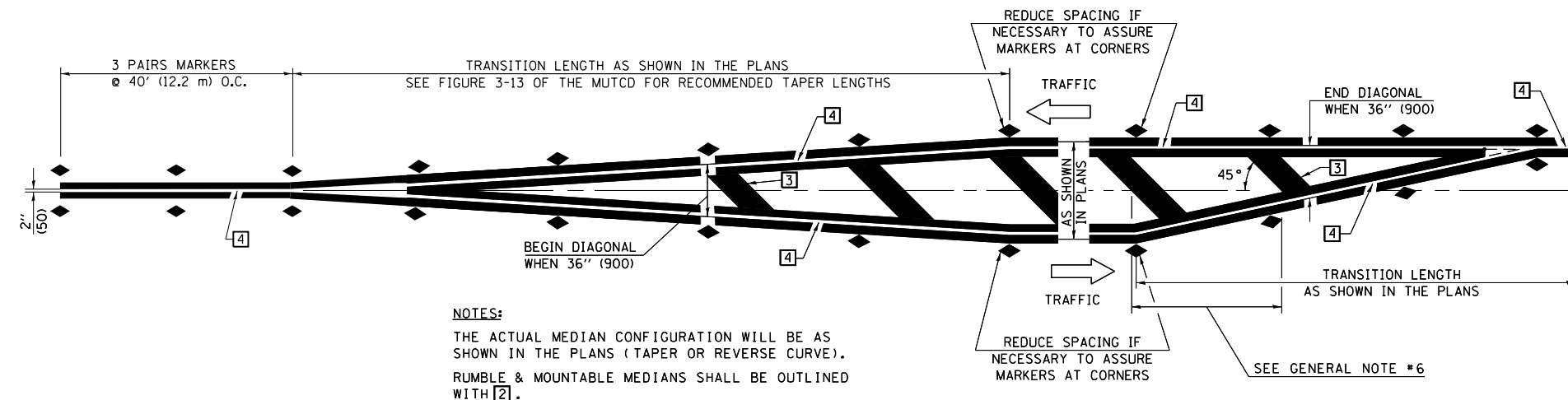
BLOOMINGTON-NORMAL CITY LIMITS ONLY



CROSSWALK WIDTH 6'-0" (1.8 m) OR AS SHOWN IN THE PLANS

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

FILE NAME = ...\\0570789-sht-details.dgn	USER NAME = bemory	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED - 09/2009 - KJT			74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	90
PLOT DATE = 10/13/2017 - 11:33:26 AM	CHECKED -	DATE -	REVISED -	SCALE: N.T.S.	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.	DISTRICT 5 DETAIL NO. 7800AAA		
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
								CONTRACT NO. 70789		

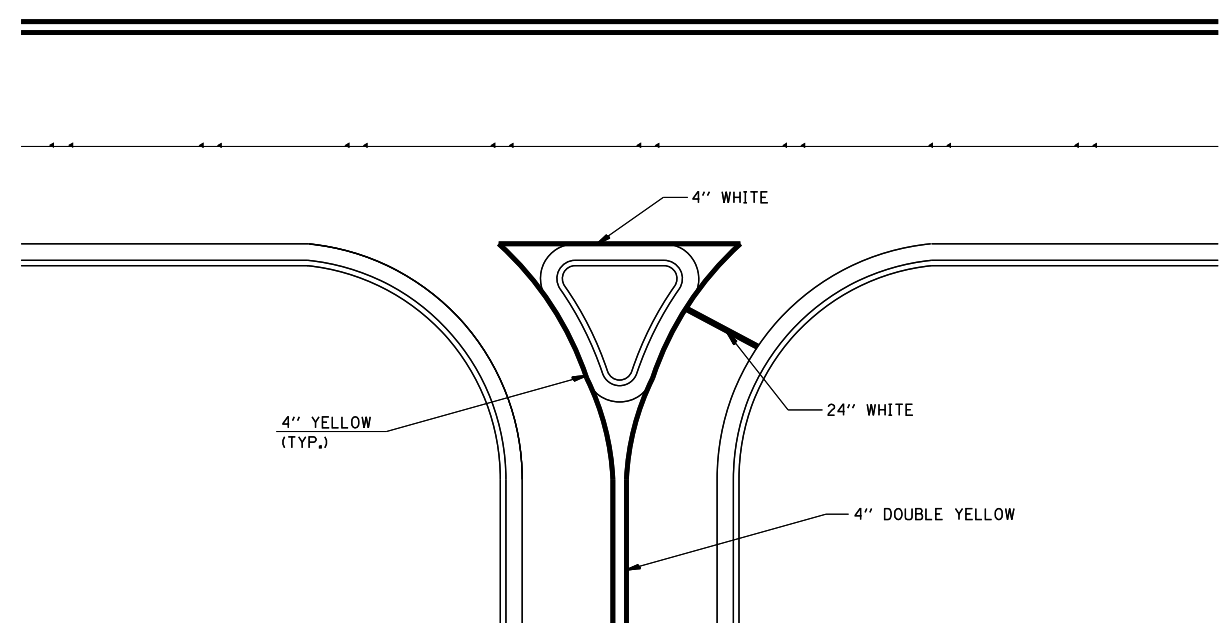


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

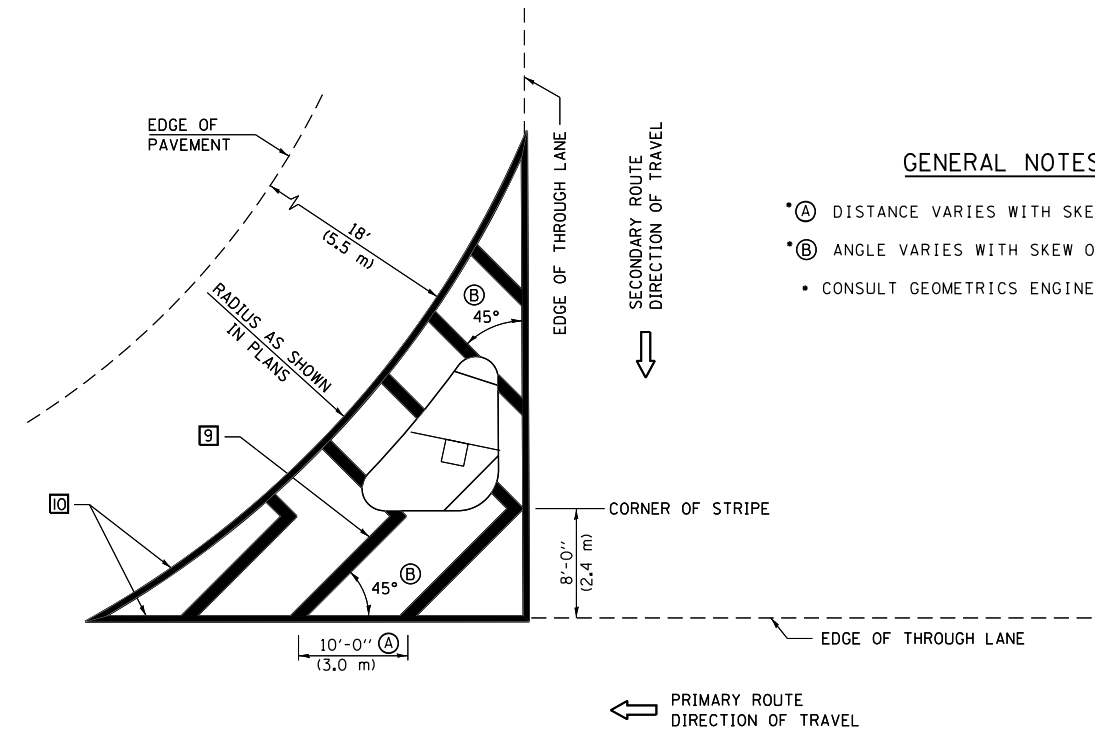
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

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



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

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

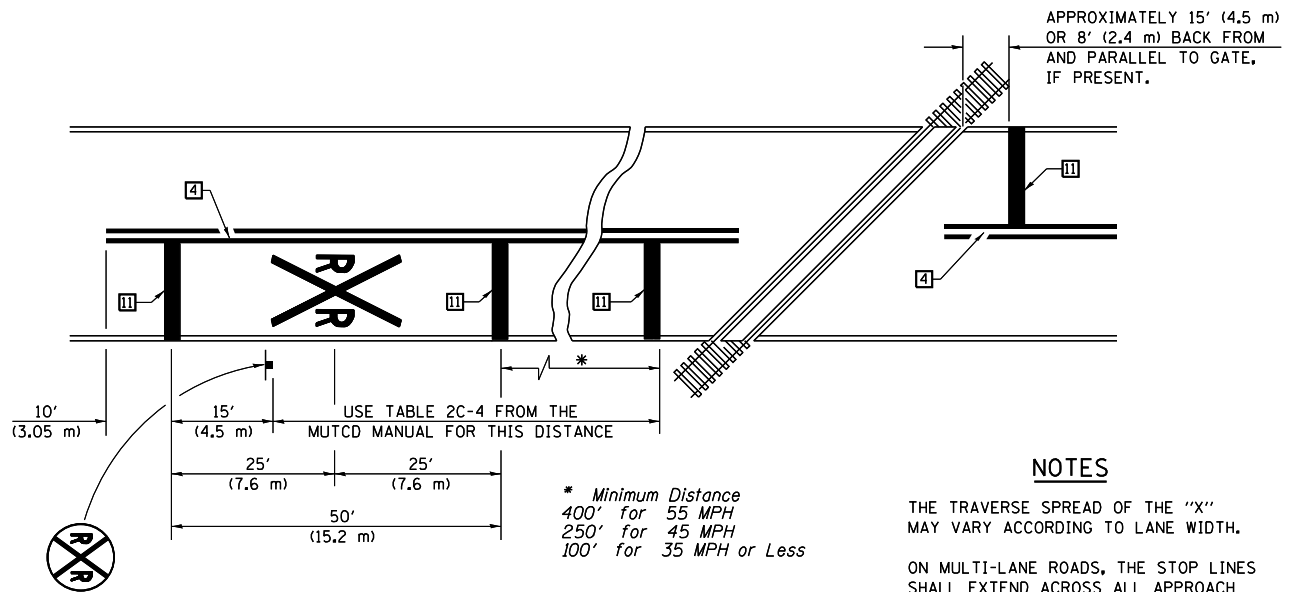
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAA

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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 09/2009 - KJT				74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	91
PLOT DATE = 10/13/2017 - 11:33:27 AM	DATE -	REVISED -	REVISED -	SCALE: N.T.S.	SHEET NO. 3 OF 4 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



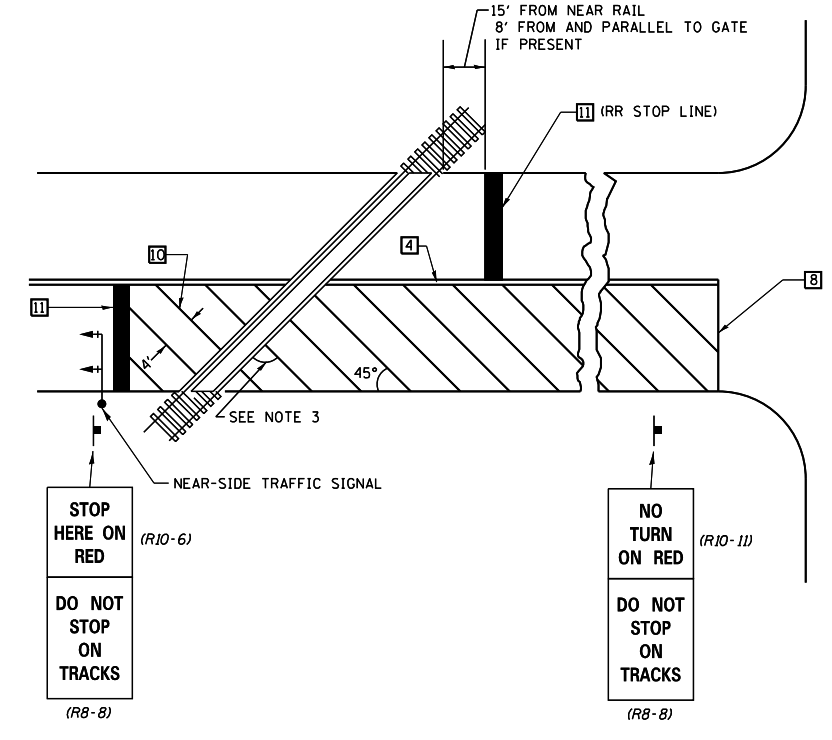
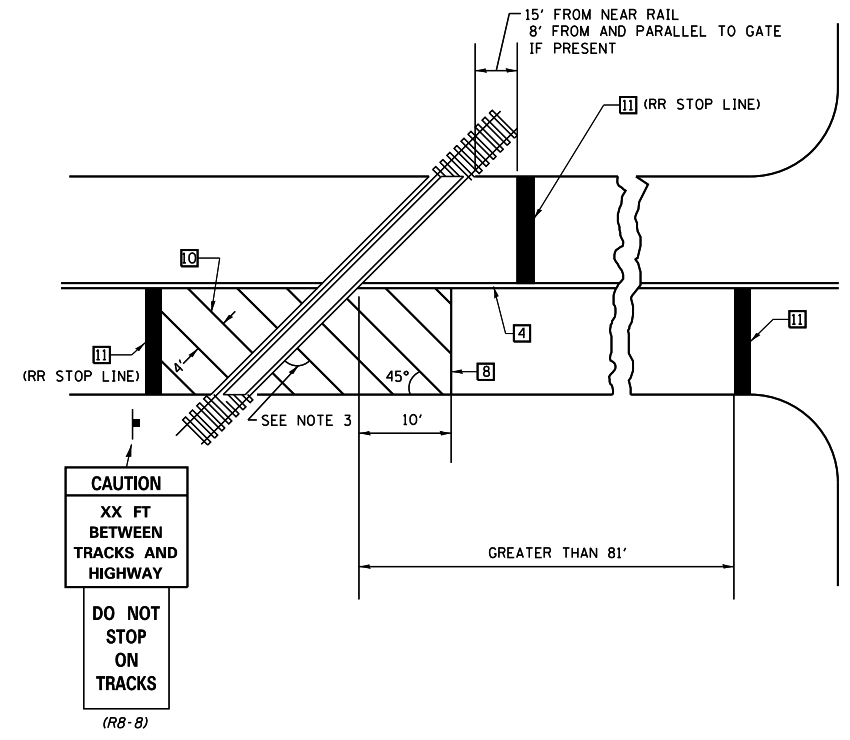
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

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 RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

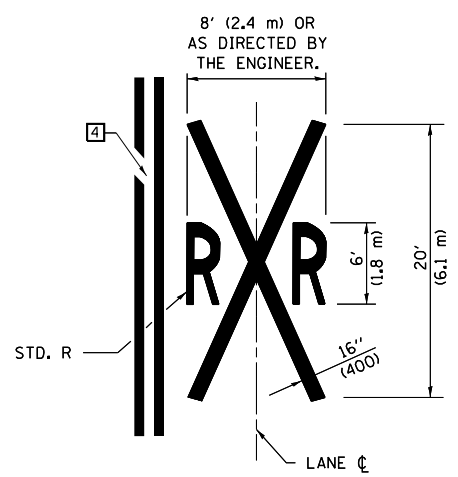
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



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 = bemory	DESIGNED -	REVISED - 11/06
... \0570789-sht-details.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2017 - 11:33:27 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

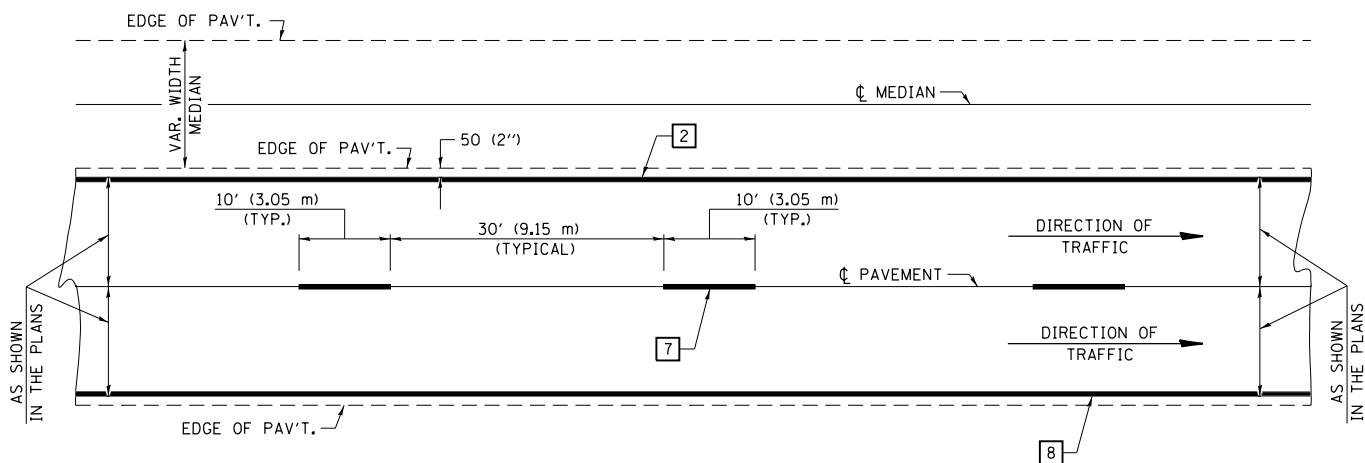
PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

SCALE: N.T.S. SHEET NO. 4 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	92
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70789	

CENTERLINE INTERSTATE OR MULTI-LANE TWO WAY DIVIDED HIGHWAY

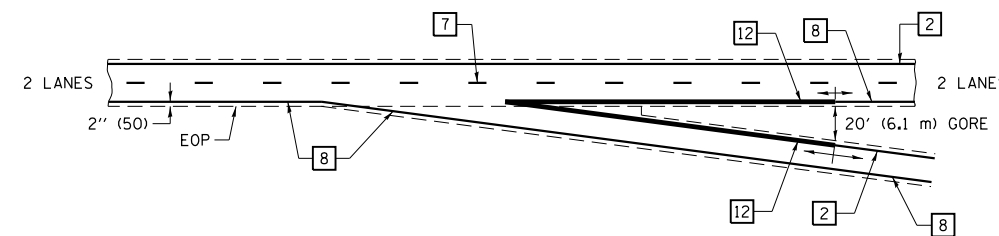


NOTE: PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

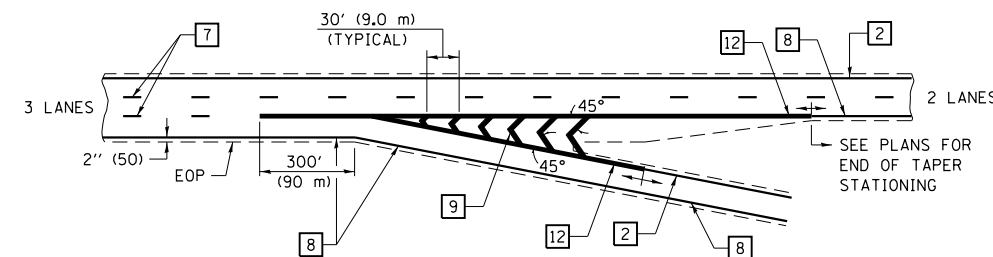
NOTE: SEE ARTICLES 780.04 & 781.03 FOR LOCATION OF STRIPES AND MARKERS RELATIVE TO EDGES OR JOINTS.

FOR RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO STANDARD 781001.

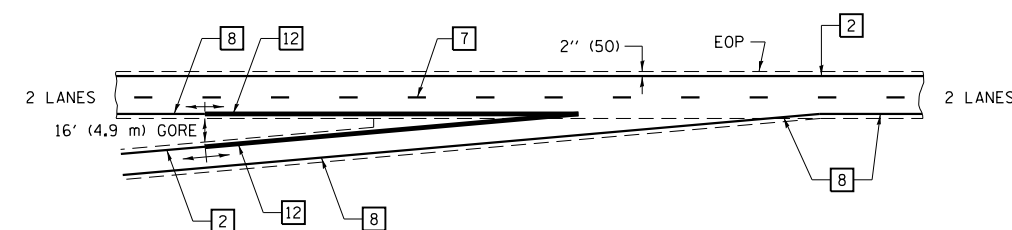
TYPICAL EXIT RAMP TERMINAL



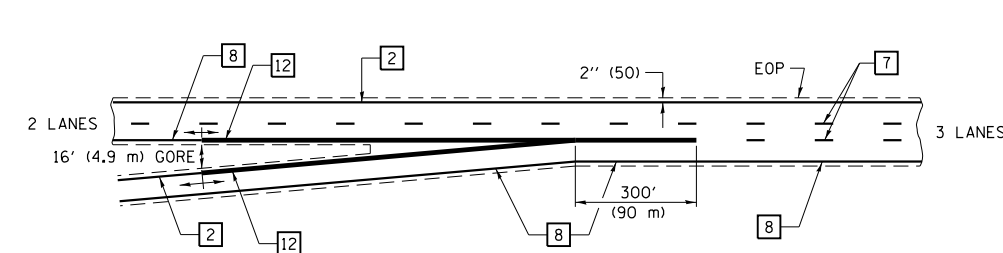
EXIT RAMP TERMINAL with EXCLUSIVE (auxiliary) LANE



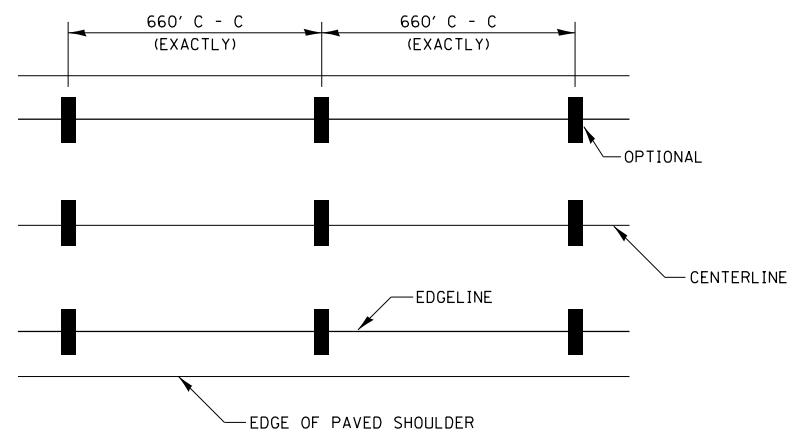
TYPICAL ENTRANCE RAMP TERMINAL



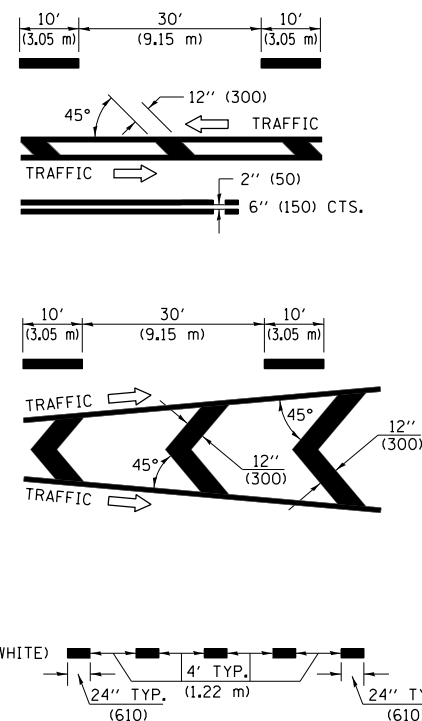
ENTRANCE RAMP TERMINAL with EXCLUSIVE LANE



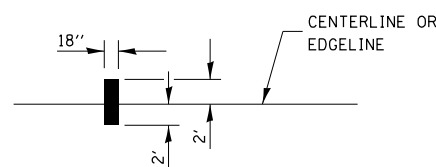
TYPICAL PAVEMENT MARKING LEGEND



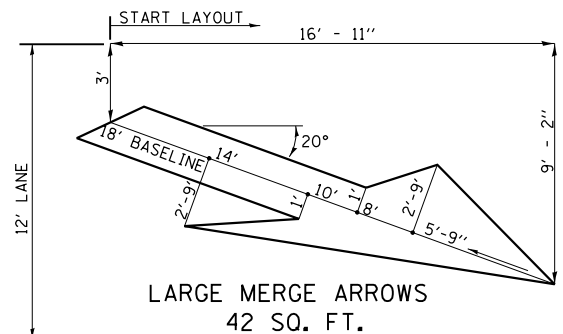
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)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



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



AERIAL SPEED CHECK ZONES



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

FILE NAME = ...\\0570789-sht-details.dgn	USER NAME = bemory	DESIGNED -	REVISED - 11/06
		DRAWN -	REVISED -
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	PLOT DATE = 10/13/2017 - 11:33:27 AM	DATE -	REVISED -

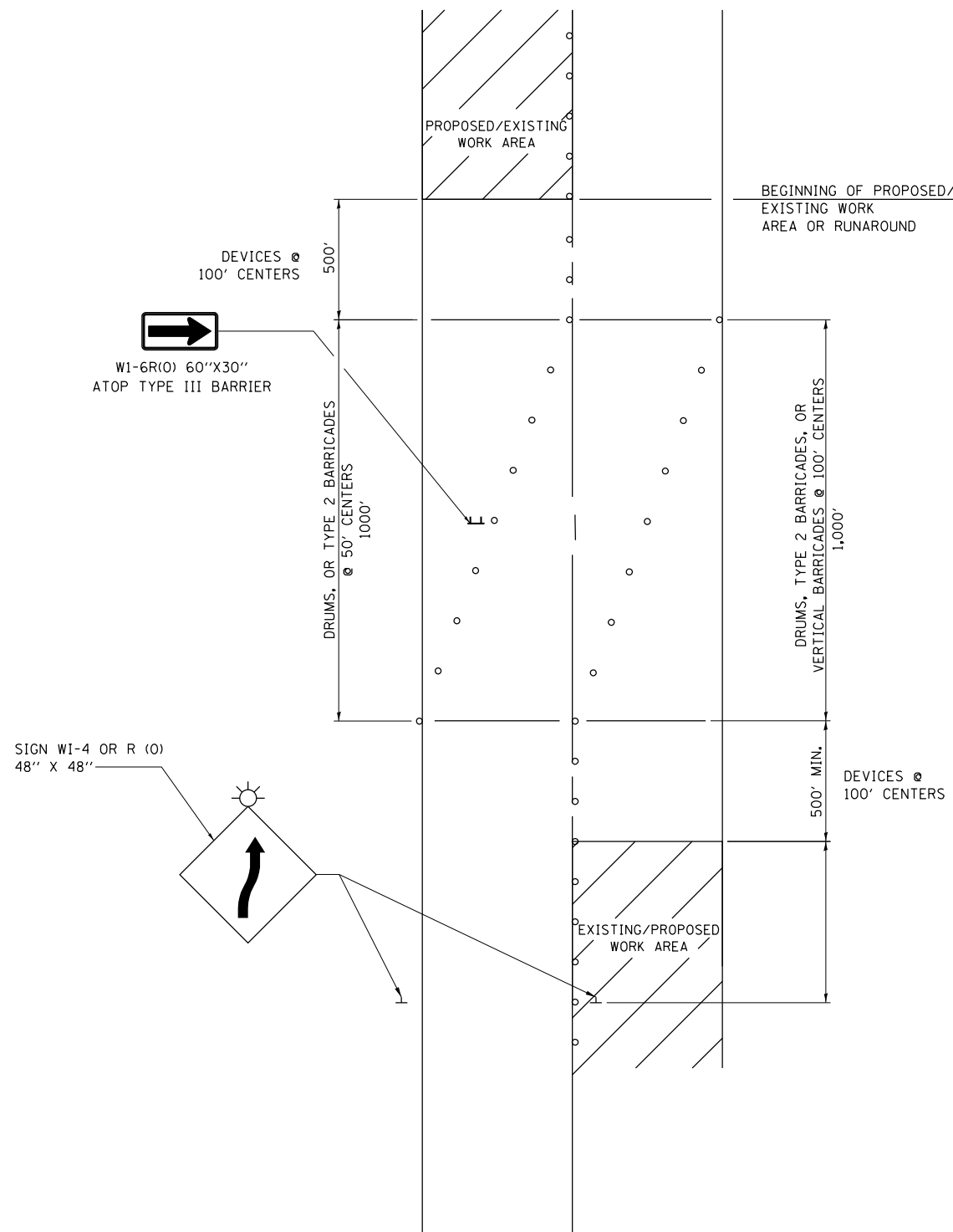
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 780BBBB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	93
CONTRACT NO. 70789				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTES:

1. THIS DETAIL ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE LEFT LANE PRIOR TO THE RIGHT LANE. UNDER THESE CONDITIONS, THE SETUP WOULD BE A MIRROR IMAGE TO WHAT IS SHOWN.
2. ALL DEVICES SHALL CONFORM TO STD. 701901
3. ALL CONFLICTING OR UNNECESSARY SIGNS SHALL BE REMOVED OR COVERED.
4. ALL DEVICES REQUIRE STEADY BURN MONODIRECTIONAL LIGHTS IF WORK INVOLVES A NIGHT-TIME CLOSURE.
5. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS.

DISTRICT 5 DETAIL NO. 70100100

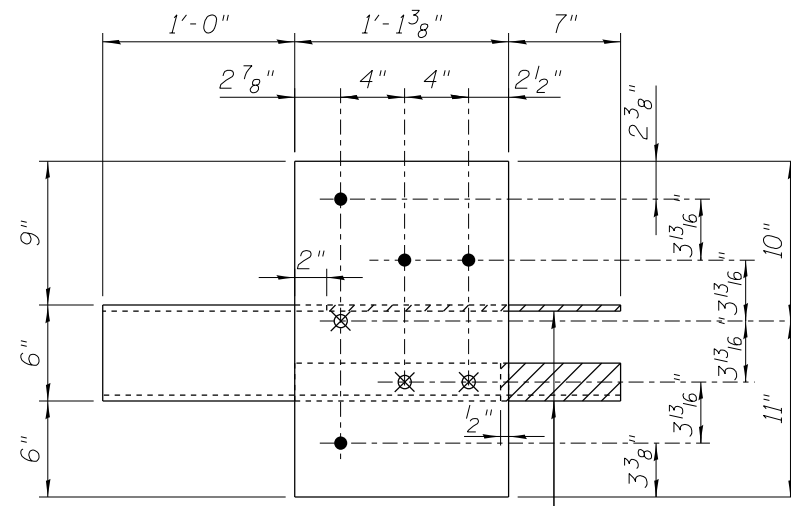
FILE NAME = ...\\0570789-sht-details.dgn	USER NAME = bemory	DESIGNED - 1/11	REVISED - 06/14
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SWITCHBACK

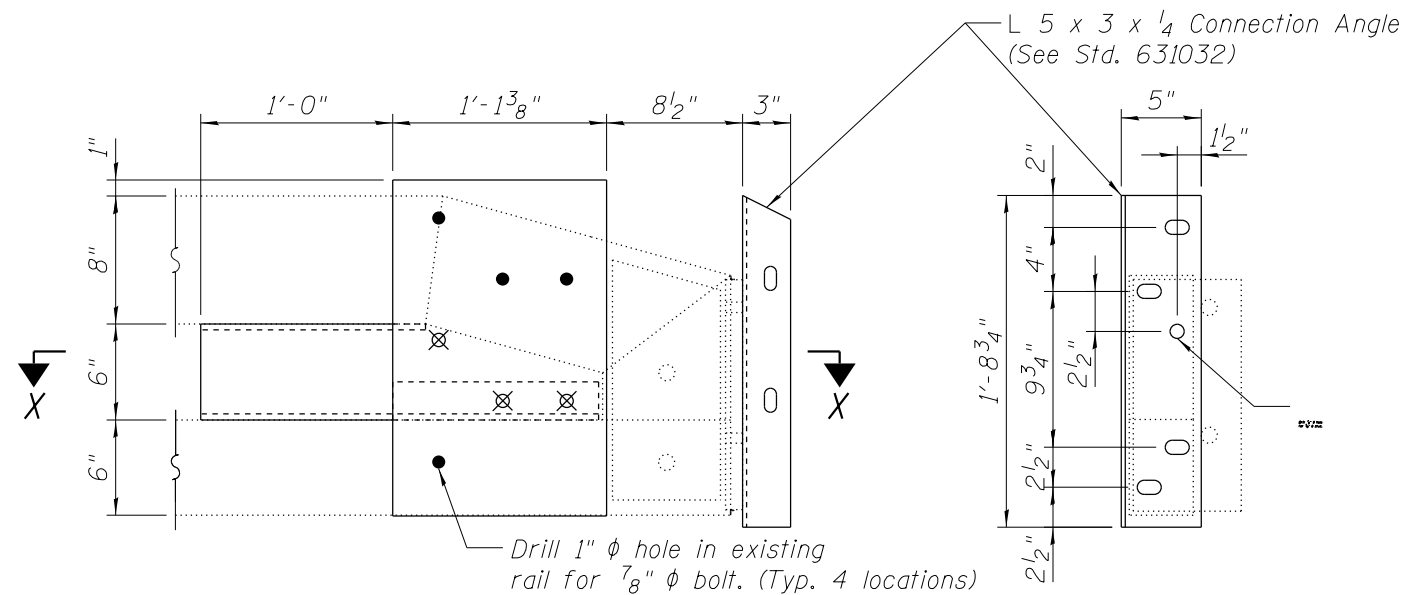
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	94
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70789	



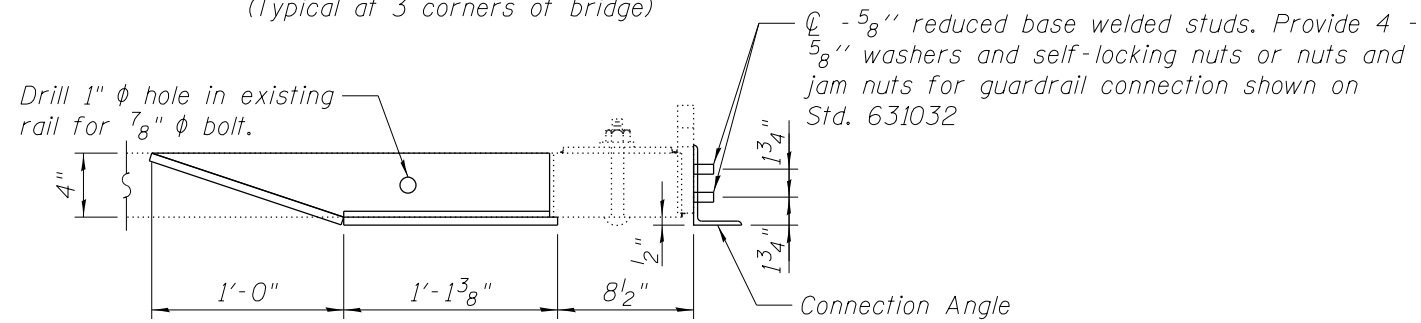
GUARDRAIL CONNECTION PLATE ASSEMBLY
(Modified from Std. 631032)

Hatched portions of 3/8" Plate and L 4 x 4 x 3/8 shall be removed or omitted. If removed after galvanizing, the exposed bare metal shall be coated with an approved zinc rich paint.



END OF RAIL DETAILS
(Typical at 3 corners of bridge)

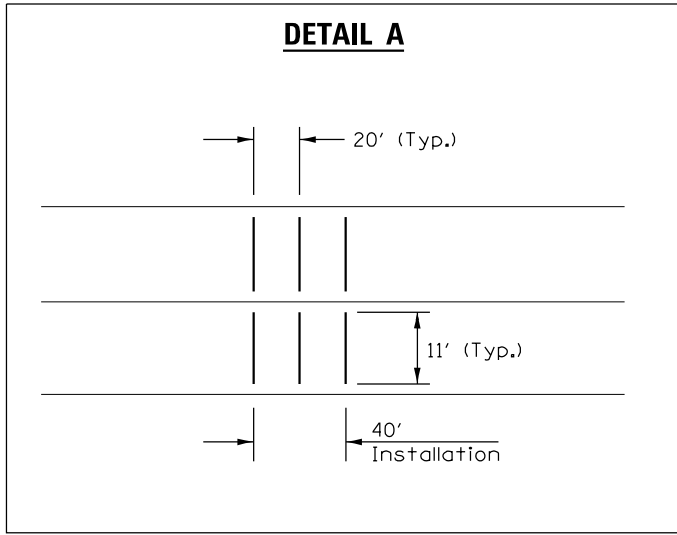
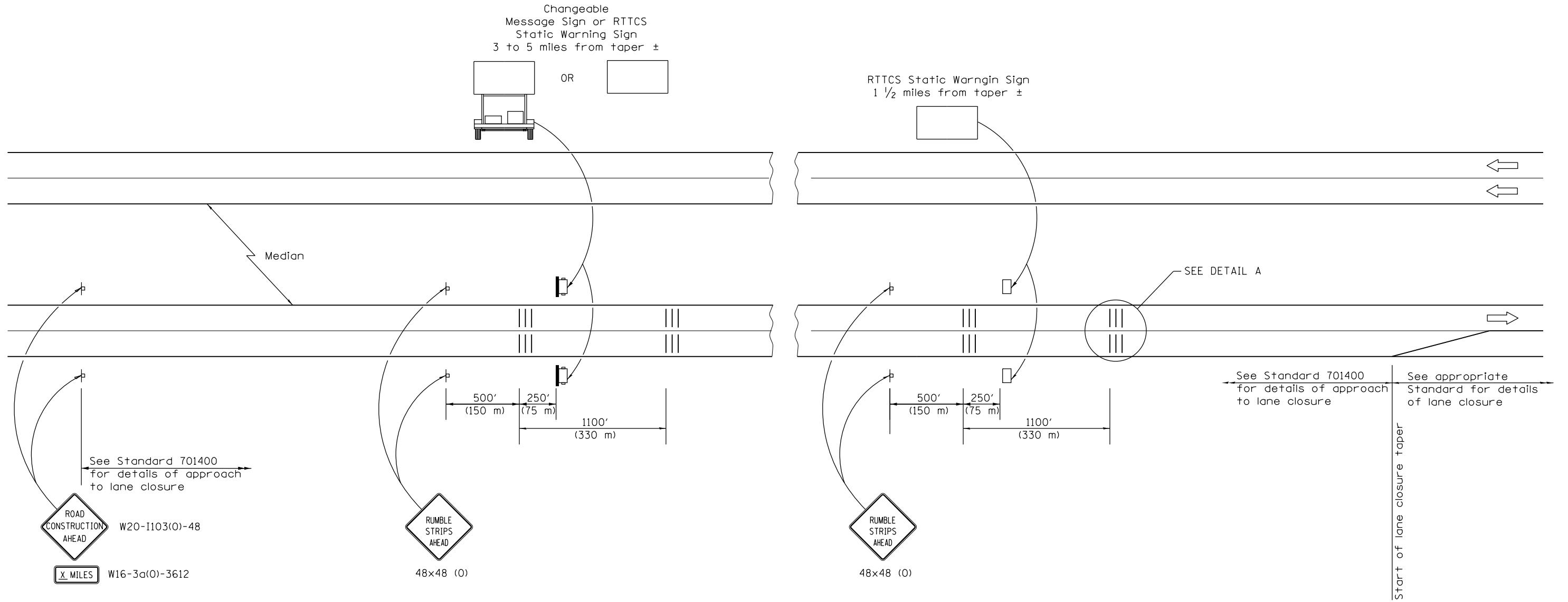
END VIEW



SECTION X-X

FILE NAME = ...\\0570789-sht-details.dgn	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC BARRIER TERMINAL TYPE 6A (MODIFIED) MOUNTING DETAILS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					74	10-GRS-4 & 10-7RS-3	CHAMPAIGN	109	95
	PLOT DATE = 10/13/2017 - 11:33:28 AM	CHECKED -	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 70789				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

DETAIL FOR TEMPORARY RUMBLE STRIPS (SPECIAL)



SYMBOLS

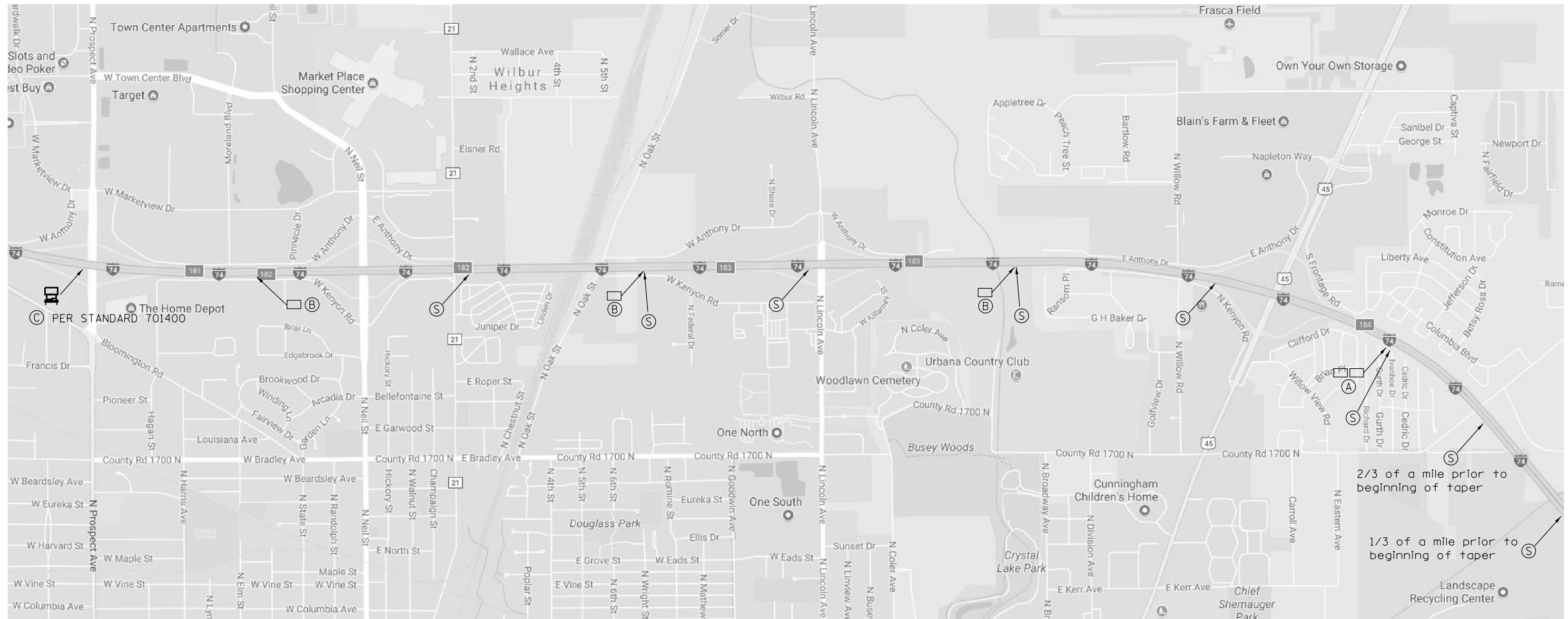
- † Sign
- ||| Temporary Rumble Strips (Special)
- ☐ Trailer Mounted Sign
- ☐ RTTCS Static Warning Sign

GENERAL NOTES

Remove the Temporary Rumble Strips (Special) prior to the removal of the advanced warning signs.

All dimensions are in inches (millimeters) unless otherwise shown.

REAL-TIME TRAFFIC CONTROL SYSTEM



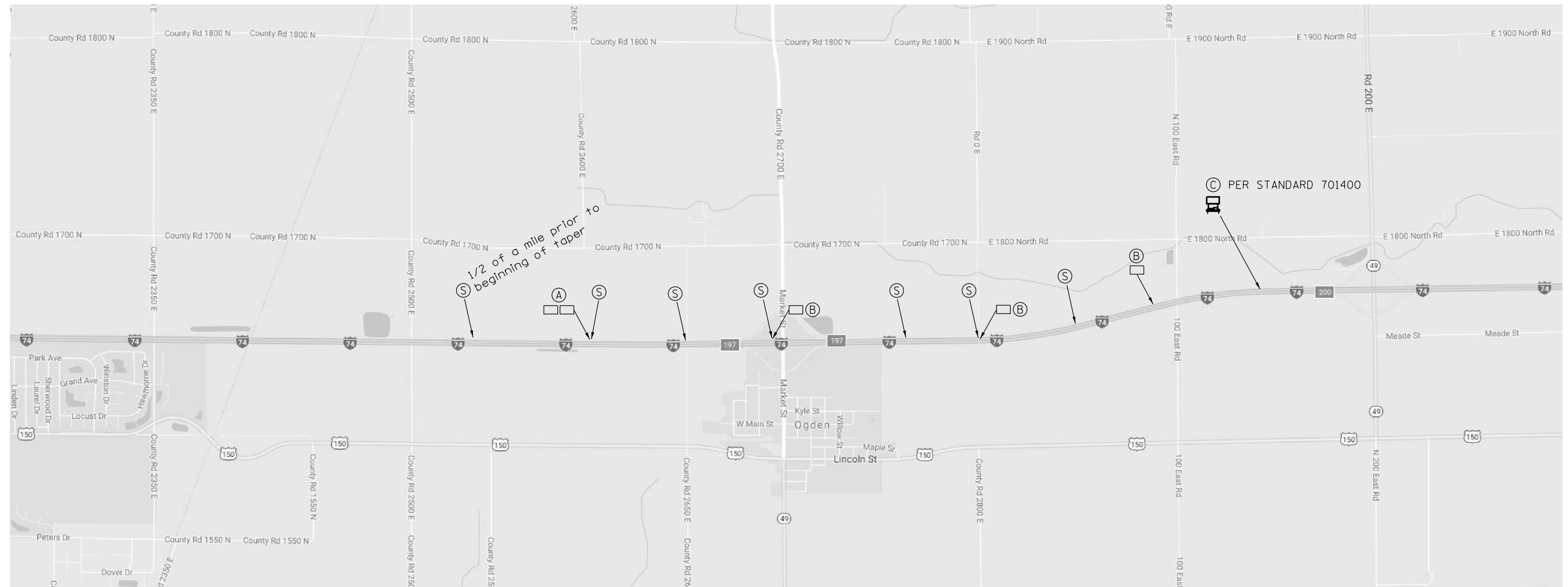
- B □ RTTCS STATIC WARNING SIGN
 - Paid for as Real-Time Traffic Control Sensor Unit
 - 48" x 96" (1200mm x 2400mm) Warning Sign that says "STOPPED OR SLOW TRAFFIC WHEN FLASHING"
- C ▶ Single Portable Changeable Message Sign placed 1/2 mile in advance of 4th RTTCS board. It shall read "RIGHT/LEFT LANE CLOSED/5 MILES AHEAD"
 - This Portable Changeable Message Sign is included in Standard 701400
- S Speed Sensor




Note:

The number of RTTCS Static Warning Signs may be changed as directed by the Engineer. Relocation of RTTCS Static Warning Signs is included in the RTTCS pay items.

FILE NAME = ...10570789-sht-details.dgn	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REAL-TIME TRAFFIC CONTROL SYSTEM			F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -		SCALE: N.T.S.	SHEET OF SHEETS	STA. TO STA.	74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	97
	PLOT DATE = 10/18/2017 - 2:17:58 PM	CHECKED -	REVISED -					CONTRACT NO. 70789				
ILLINOIS FED. AID PROJECT												

REAL-TIME TRAFFIC CONTROL SYSTEM

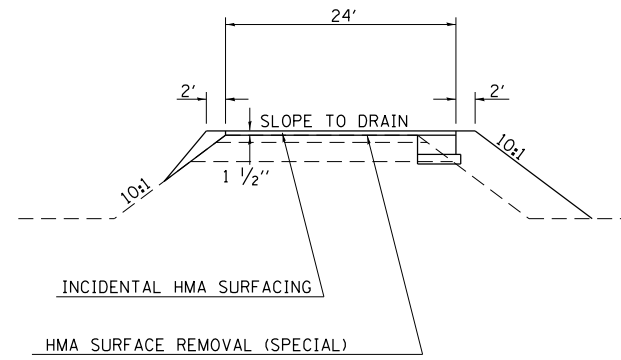


- (B)  RTTCS STATIC WARNING SIGN
 - Paid for as Real-Time Traffic Control Sensor Unit
 - 48" x 96" (1200mm x 2400mm) Warning Sign that says "STOPPED OR SLOW TRAFFIC WHEN FLASHING"
- (C)  Single Portable Changeable Message Sign placed 1/2 mile in advance of 4th RTTCS board. It shall read "RIGHT/LEFT LANE CLOSED/5 MILES AHEAD"
 - This Portable Changeable Message Sign is included in Standard 701400
- (S)  Speed Sensor

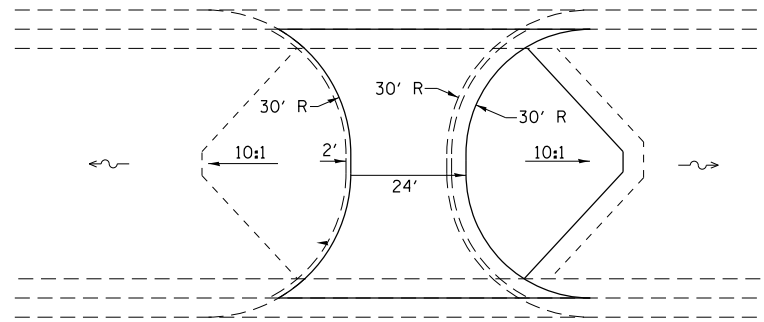
Note:

The number of RTTCS Static Warning Signs may be changed as directed by the Engineer. Relocation of RTTCS Static Warning Signs is included in the RTTCS pay items.

FILE NAME = ...\\0570789-sht-details.dgn	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REAL-TIME TRAFFIC CONTROL SYSTEM			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		DRAWN -	REVISED -		74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	98			
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: N.T.S.			SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 70789		
	PLOT DATE = 10/18/2017 - 2:18:50 PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



ELEVATION

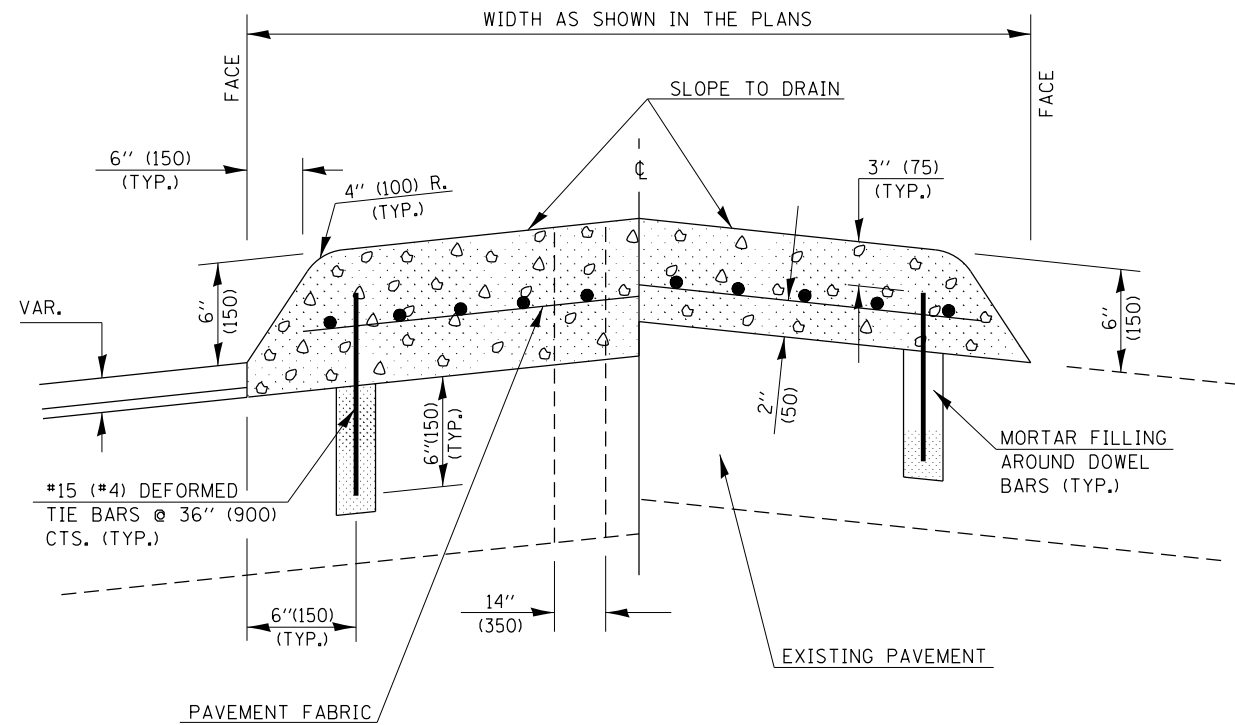


TYPICAL PLAN VIEW
(STANDARD APPLICATION)

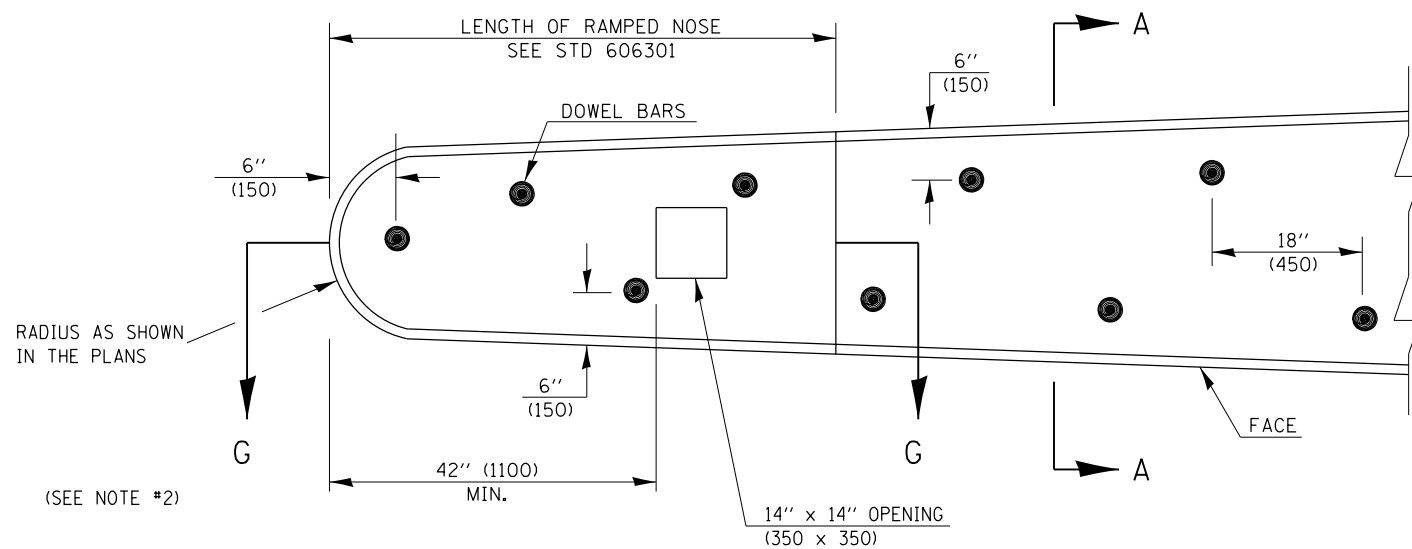
GENERAL NOTES

OMIT SHOULDER RUMBLE STRIPS THROUGHOUT MEDIAN CROSSOVER.

FILE NAME = ... \0570789-sht-details.dgn	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MEDIAN CROSSOVER			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	99
Default	PLOT DATE = 10/13/2017 - 11:33:36 AM	CHECKED -	REVISED -		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 70789	



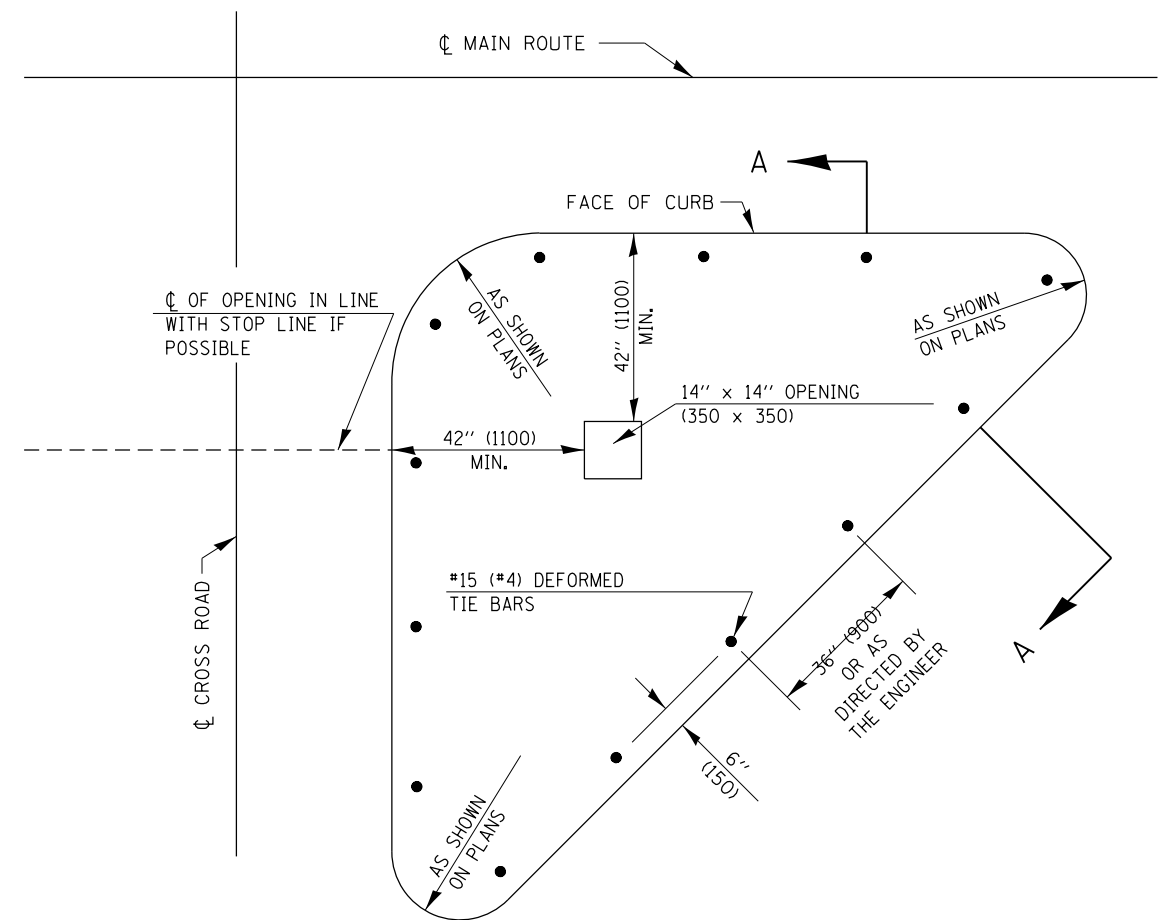
SECTION A-A



PLAN OF MEDIAN

GENERAL NOTES

1. THE GENERAL NOTES FOR STANDARD 606301 SHALL APPLY.
2. DOWEL BARS @ 36" (900) CTS. OR AS DIRECTED BY THE ENGINEER.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER 50 FOOT (m²) FOR CONCRETE MEDIAN, TYPE SM (DOWELLED), INCLUDING THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, MORTAR FILLING, PAVEMENT FABRIC AND THE REMOVAL AND DISPOSAL OF THE EXISTING PAVEMENT FOR THE 14" x 14" (350 x 350) OPENING, IF REQUIRED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



PLAN OF CORNER ISLAND

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

FILE NAME = ... \0570789-sht-details.dgn	USER NAME = bemory	DESIGNED -	REVISED - 11/06
		DRAWN -	REVISED - 08/09 - KJT
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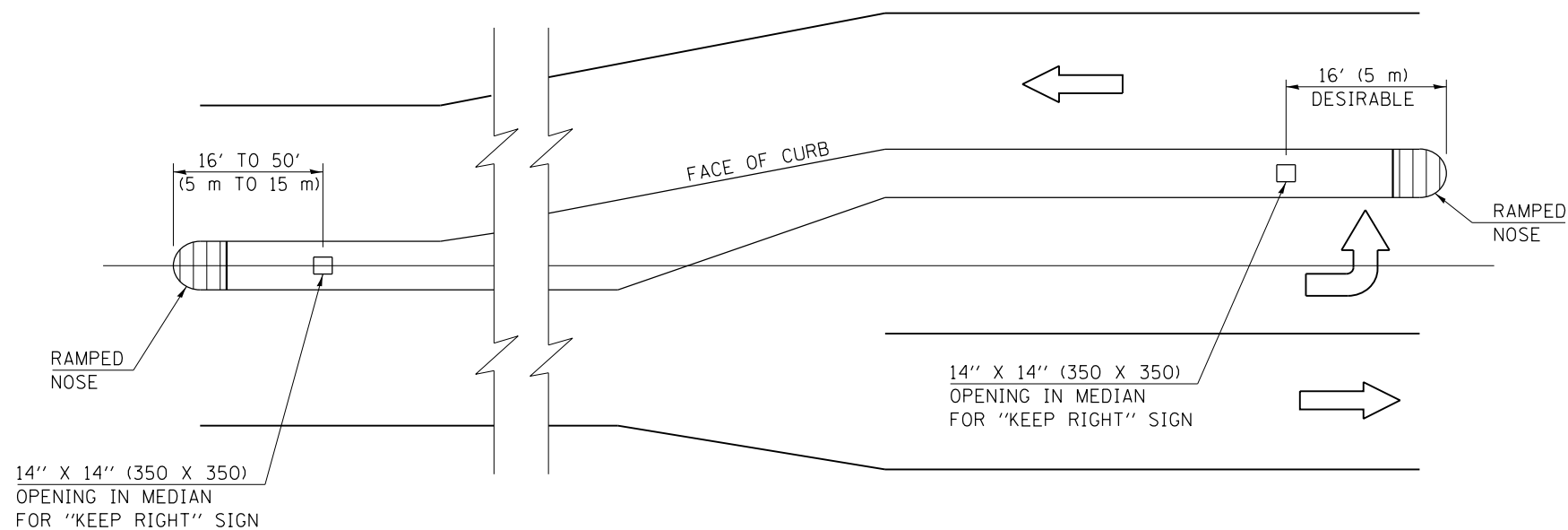
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE MEDIAN, TYPE SM (DOWELLED)

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

DISTRICT 5 DETAIL NO. 60622354

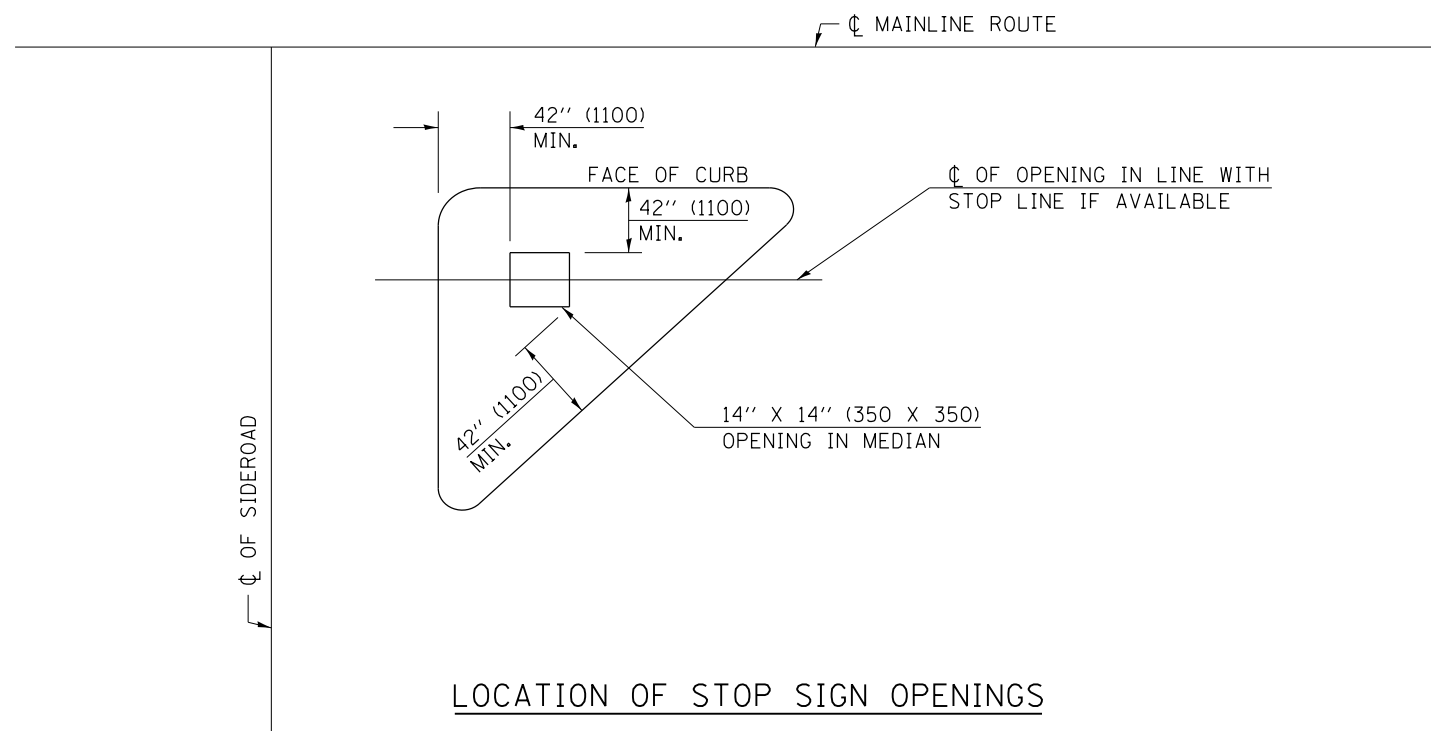
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	100
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70789	



LOCATION OF OPENINGS FOR "KEEP RIGHT" SIGNS

GENERAL NOTES

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



LOCATION OF STOP SIGN OPENINGS

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

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		DRAWN -	REVISED -
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	PLOT DATE = 10/13/2017 - 11:33:37 AM	DATE -	REVISED -

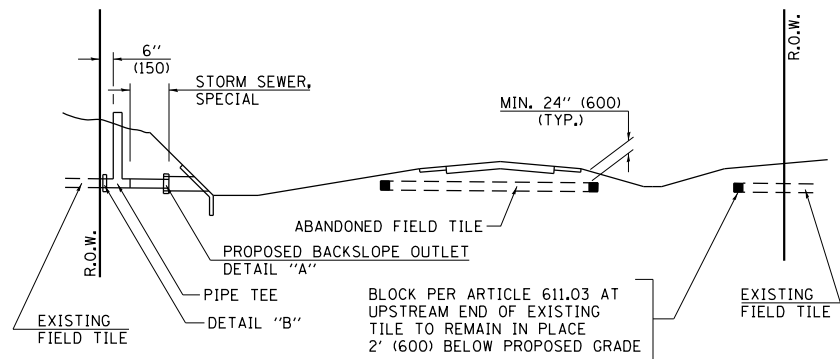
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN POST BLOCKOUTS

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

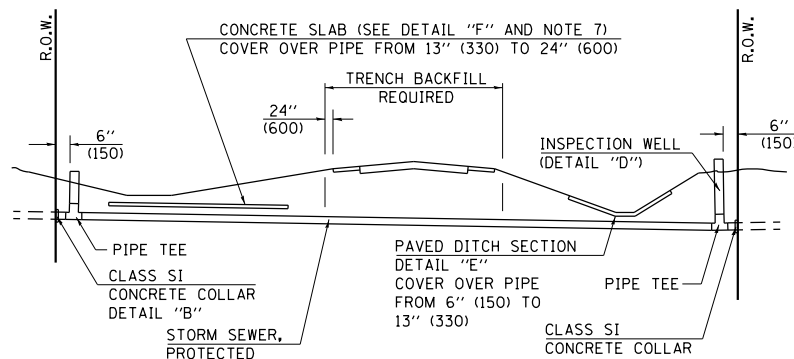
DISTRICT 5 DETAIL NO. 60623711

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70789	



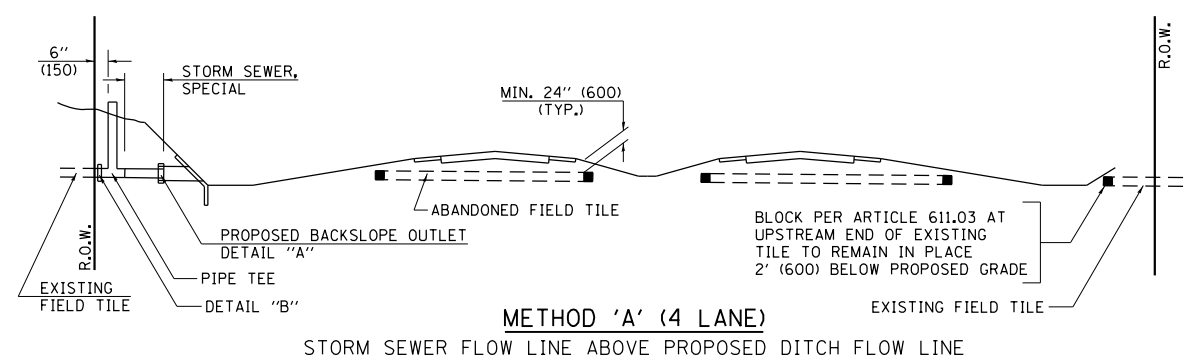
METHOD 'A' (2 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



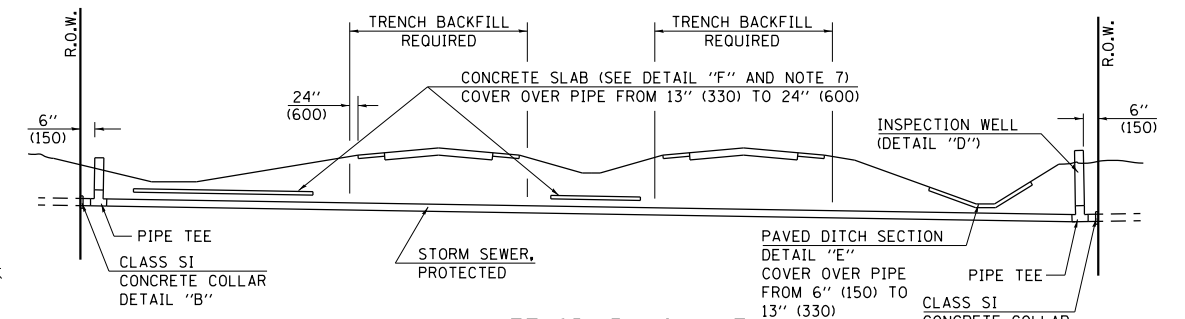
METHOD 'B' (2 LANE)

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



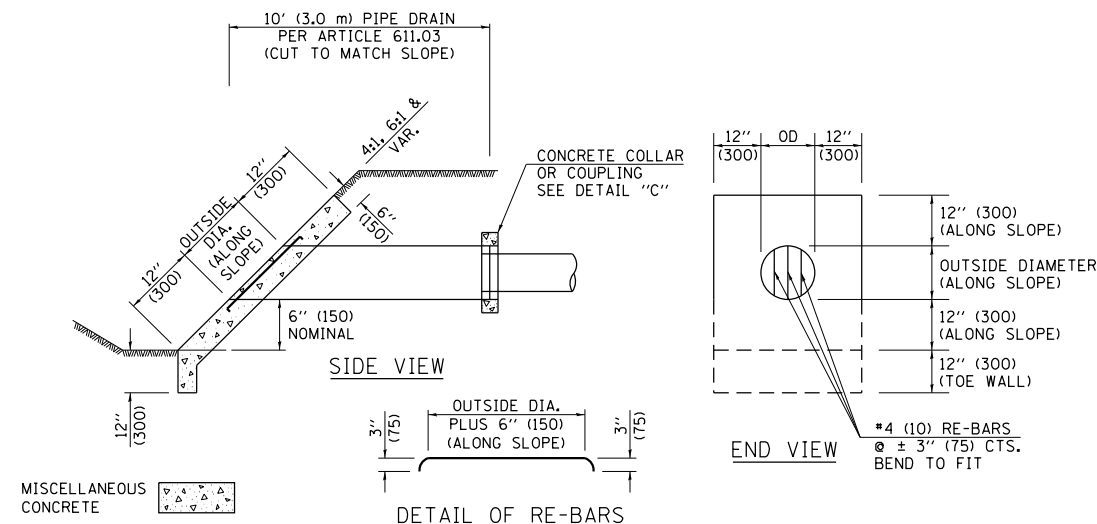
METHOD 'A' (4 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE

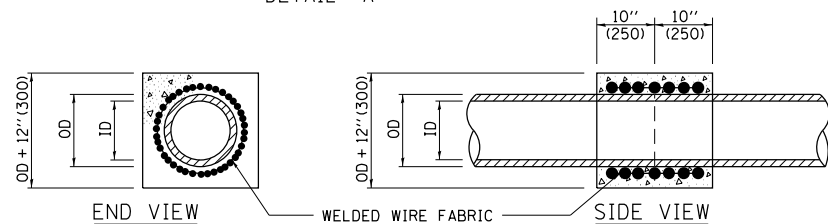


METHOD 'B' (4 LANE)

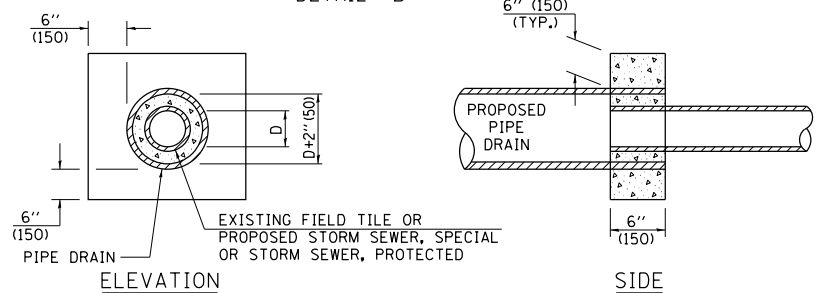
STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENTS AND PAVED DITCHES



**HEADWALL FOR BACKSLOPE OUTLET
DETAIL 'A'**



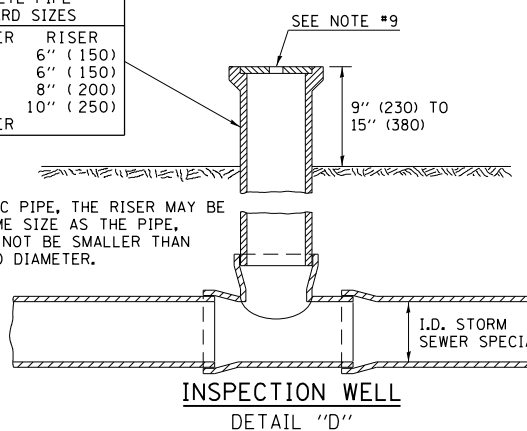
**CONCRETE COLLAR
DETAIL 'B'**



**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)	10" (250)
OR GREATER	

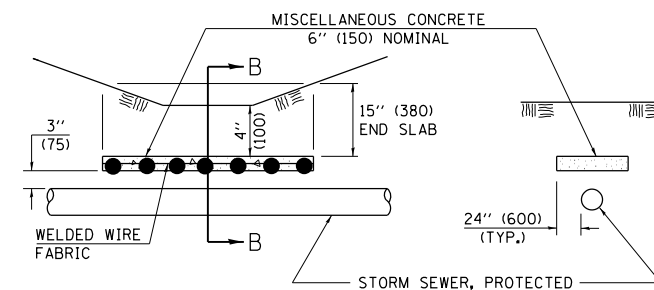
FOR PLASTIC PIPE, THE RISER MAY BE OF THE SAME SIZE AS THE PIPE, BUT SHALL NOT BE SMALLER THAN 4" (100 mm) DIAMETER.



**INSPECTION WELL
DETAIL 'D'**

GENERAL NOTES

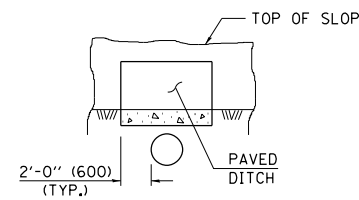
- EXISTING FIELD TILE ENCOUNTERED BY EXPLORATION TRENCH SHALL BE INSPECTED BY THE ENGINEER FOR UNOBSTRUCTED FLOW WITHIN THE LIMITS OF THE RIGHT-OF-WAY.
- ONLY FIELD TILE THAT DOES NOT HAVE SATISFACTORY FLOW AND OR HAS VISIBLE SIGNS OF DETERIORATION (SINK HOLES, ETC.) SHALL BE REPLACED WITHIN THE LIMITS 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.



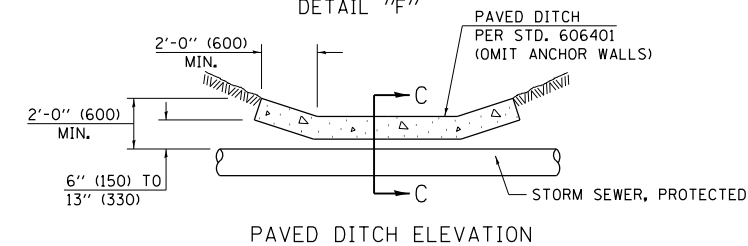
SLAB ELEVATION

**CONCRETE SLAB
DETAIL 'F'**

SECTION B-B



**SECTION C-C
PAVED DITCH
DETAIL 'E'**



PAVED DITCH ELEVATION

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

DISTRICT 5 DETAIL NO. 61101011A

FILE NAME =	USER NAME = bemory	DESIGNED -	REVISED - 11/06
...\\0570789-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2017 - 11:33:37 AM	DATE -	REVISED -

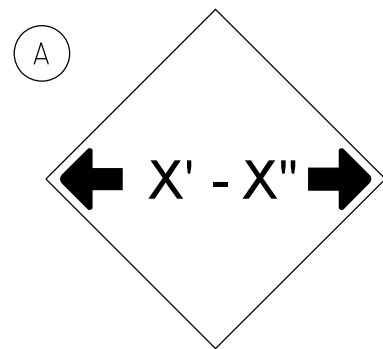
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIELD TILE SYSTEMS (TREATMENT OF EXISTING)

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	102
				CONTRACT NO. 70789
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

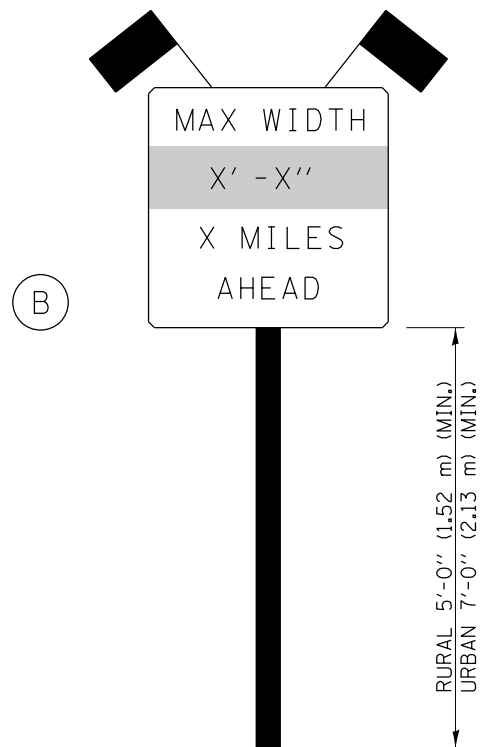
DESIGNER NOTE: PROVIDE MAP WITH SIGN LOCATIONS (A, B, ETC.) AND COORDINATE WITH TRAFFIC OPERATIONS ENGINEER.
 INCLUDE DISTRICT SPECIAL PROVISION - "WIDTH RESTRICTION SIGNING"



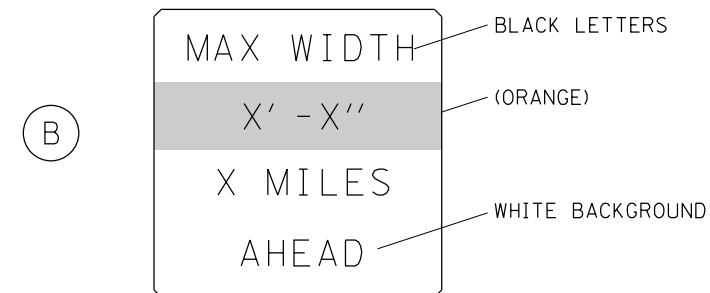
W12-2(0)-48"x48"(1200x1200)

SIGN (A) 2 SIGNS - W12-2(0)-48"x48"(1200x1200) ARE TO BE PLACED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

SIGN (B) 2 SIGNS - (SIGN PANEL, TYPE II) AS SHOWN ARE TO BE PLACED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.



SIGN PANEL, TYPE II



W12-I103(0)-48"x48"(1200x1200)
 "D" LETTERS/NUMBERS

GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. ALL (B) SIGNS SHALL HAVE FLAGS INSTALLED UNLESS OTHERWISE DIRECTED.
3. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
4. ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR WIDTH RESTRICTION SIGNING.
5. ALL SIGNS SHALL BE POST MOUNTED UNLESS OTHERWISE DIRECTED.
6. ALL SIGNS SHOWN ORANGE (O) SHALL BE FLUORESCENT ORANGE.
7. ALL SIGNS SHOWN SHALL CONSIST OF THE CURRENT RETROREFLECTIVE SHEETING REQUIREMENTS AS OUTLINED IN SECTION 1106.01 OF THE STANDARD SPECIFICATIONS BOOK.

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

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		DRAWN -	REVISED - 05/08
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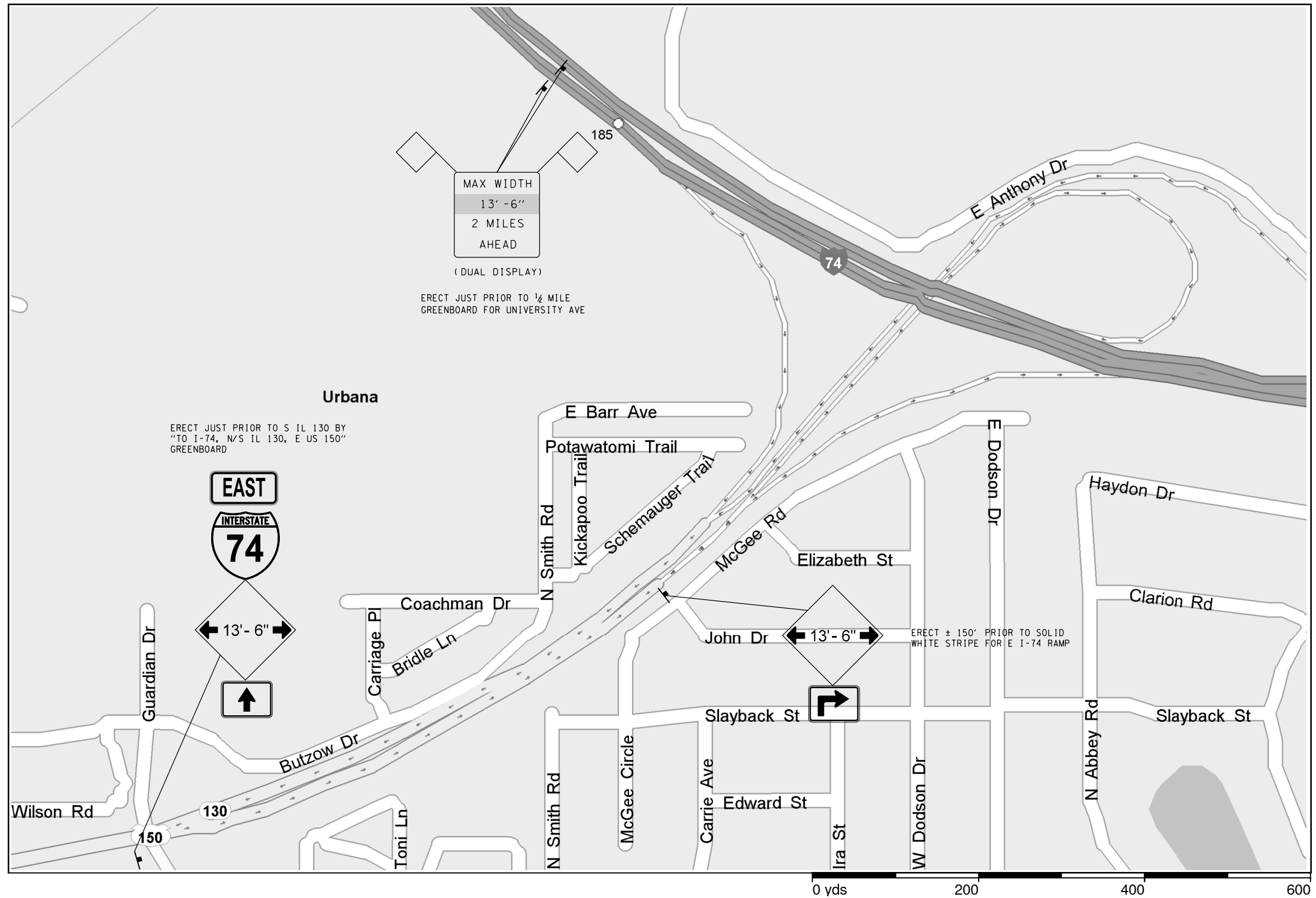
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WIDTH RESTRICTION SIGNING

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

DISTRICT 5 DETAIL NO. X7200201

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	103
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70789	



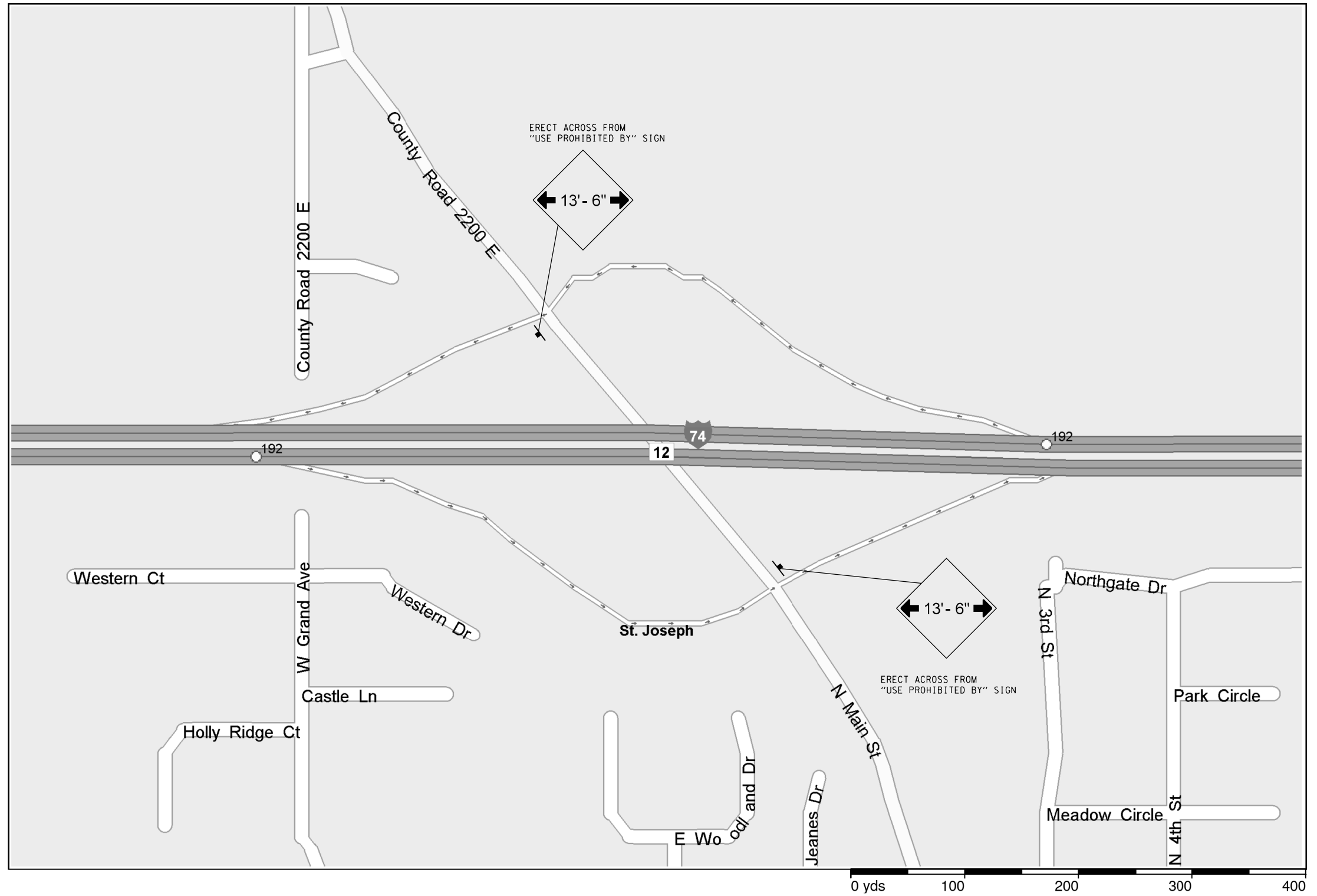
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WIDTH RESTRICTION DETAIL

SCALE: N.T.S. SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	104
CONTRACT NO. 70789			ILLINOIS FED. AID PROJECT	



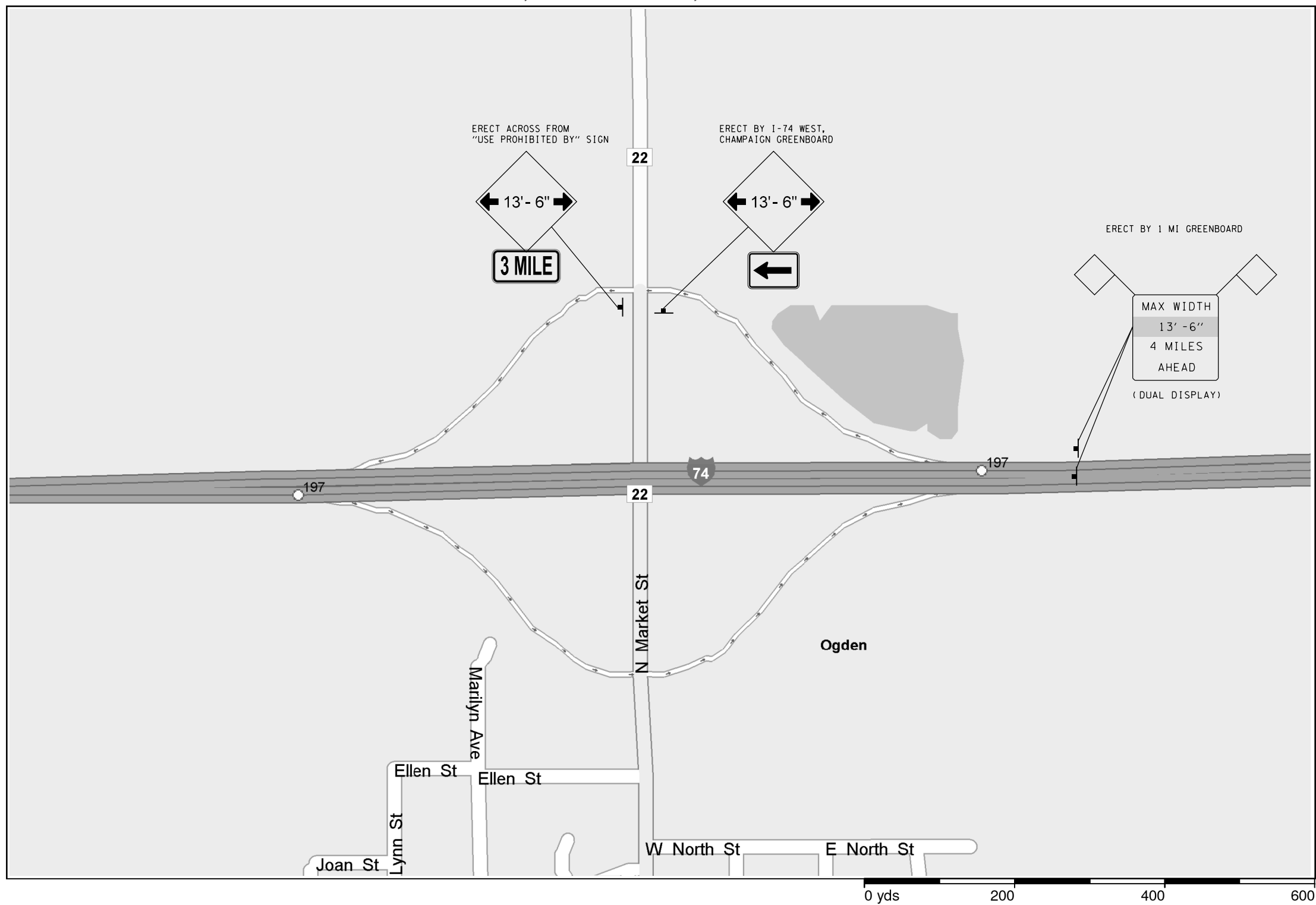
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WIDTH RESTRICTION DETAIL

SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	105
CONTRACT NO. 70789			ILLINOIS FED. AID PROJECT	



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

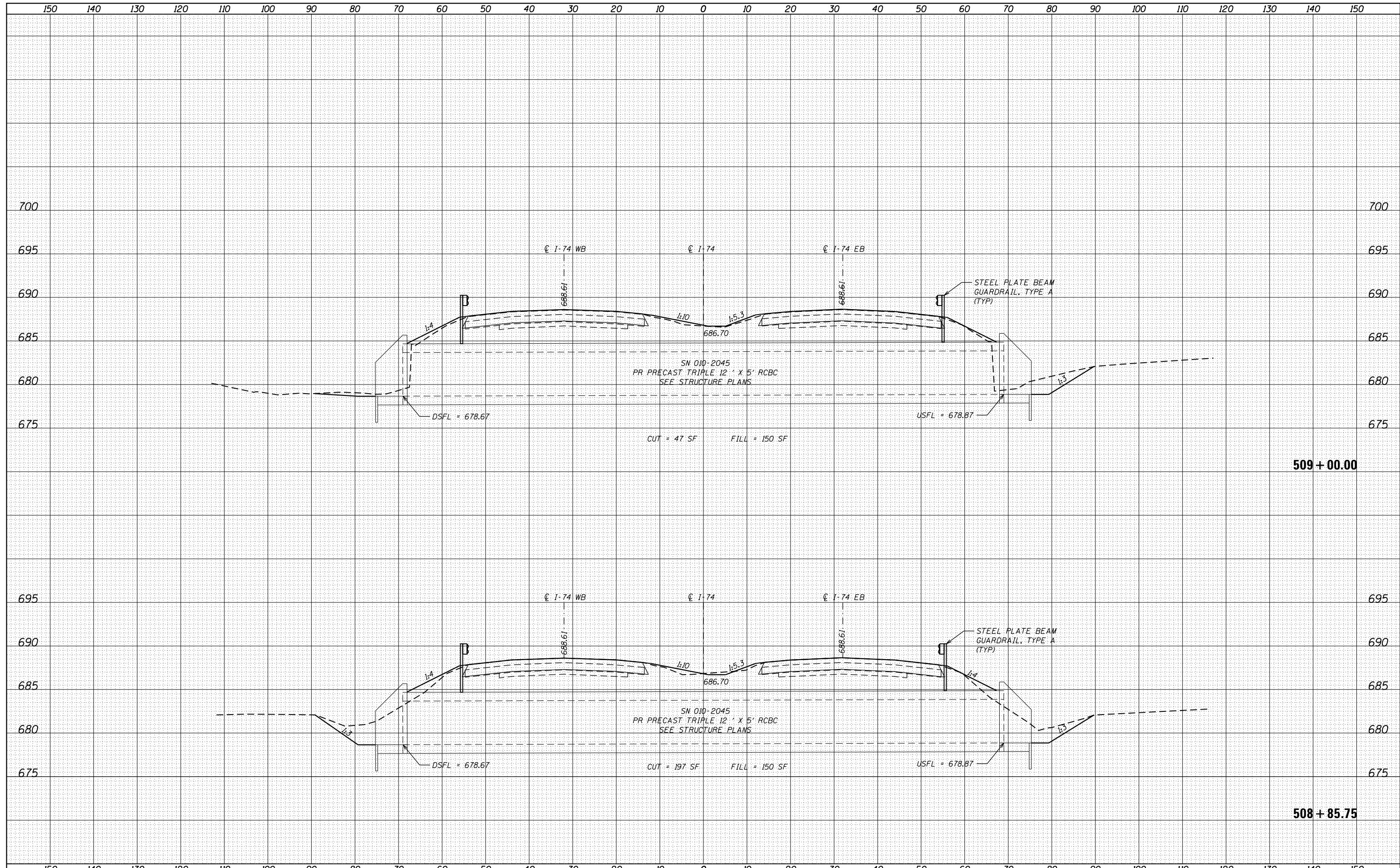
WIDTH RESTRICTION DETAIL

SCALE: N.T.S. SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	106
CONTRACT NO. 70789			ILLINOIS FED. AID PROJECT	

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

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



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PLOT DATE = 10/13/2017 - 11:34:20 AM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**I-74
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 508+85.75 TO STA. 509+00.00

F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-6RS-4 & 10-7RS-3	CHAMPAIGN	109	108
			CONTRACT NO. 70789	
ILLINOIS FED. AID PROJECT				

