

107

03-06-2020 LETTING ITEM 167

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	14-1)BR, 14HB-2)BR-1	CHAMPAIGN	201	1
SUBJECT			CONTRACT NO. 70C64	

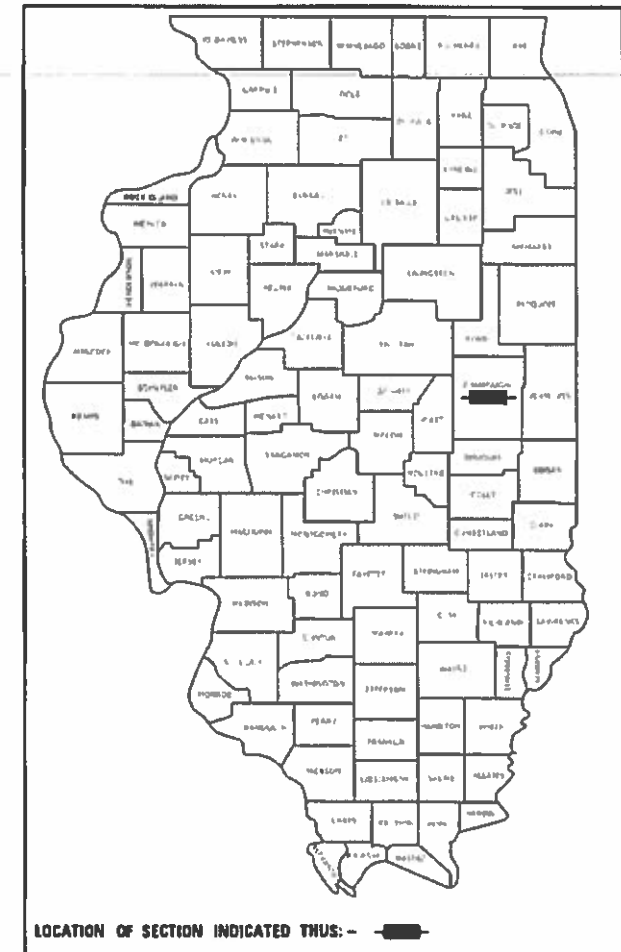
P-95-020-17
D-95-020-17

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

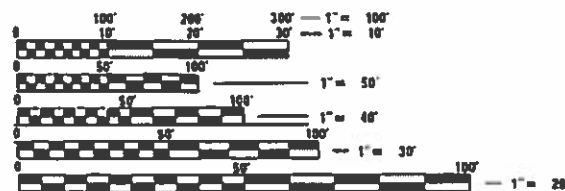
F.A.I. RTE 74 (I-74)
SECTION (14-1)BR, (14HB-2)BR-1
PROJECT NHPP-F866(342)
BRIDGE SUPERSTRUCTURE
CHAMPAIGN COUNTY

C-95-020-17
OVER ICRR /TR 158 (OAK ST.) AND
OVER FAU 7169 (MARKET ST.)



FUNCTIONAL CLASSIFICATION
PRINCIPAL ARTERIAL - INTERSTATE

2019 ADT = 63,100
S.U. = 2.9% M.U. = 10.5%

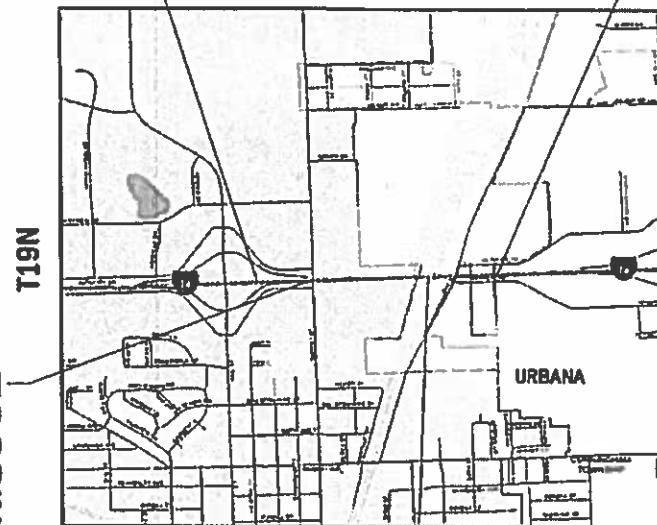


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS THE ABOVE SCALES MAY BE USED.

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

DISTRICT 5 NO. (217) 465-4181
PROJECT ENGINEER: JASON STULTS
PROJECT MANAGER: RYAN CARROLL
TOWNSHIP: CHAMPAIGN
CONTRACT NO. 70C64

BEGIN PROJECT STA 1188+60
R8E | R9E
END PROJECT STA 1231+55



BRIDGE REHABILITATION
S.N. 010-0020
STA. 1200 + 06.10 (I-74)
STA. 14 + 44.00 (MARKET ST.)
3 SPANS AT 146'-6" B-B ABUTS
WIDTH 120'-10" TO 123'-7 3/4"
REINF. CONC. DECK
NO SKEW

BRIDGE REHABILITATION
S.N. 010-0021
STA. 1219 + 00.14 (I-74)
4 SPANS AT 727'-8 3/8" B-B ABUTS
120'-10" REINF. CONC. DECK
18°30'00" SKEW

GROSS LENGTH = 4,295 FT. = 0.813 MILE
NET LENGTH = 4,295 FT. = 0.813 MILE



Douglas D. Hansen
DOUGLAS D. HANSEN, P.E.
IL. REG. NO. 062-045293

Expires: 11/30/2019

Date: 10/16/2019

APPLIES TO SHEET NOS 1-77 AND 198-201

exp. U.S. Services Inc.
Chicago, IL
BUILDINGS - EARTH & ENVIRONMENT - ENERGY
INDUSTRIAL - INFRASTRUCTURE - SUSTAINABILITY

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Rd, Suite 4B
Downers Grove, IL 60816

Kaskaskia
Engineering & Construction, LLC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 10/16/2019
Kenneth A. Hammett
REGIONAL ENGINEER

Jason Stults
ENGINEER OF DESIGN AND ENVIRONMENT

Paul E. [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

SHEET NO.	DRAWING NO.	SHEET DESCRIPTION
1		COVER SHEET
2		INDEX OF SHEETS AND STANDARDS
3		GENERAL NOTES AND COMMITMENTS
4 - 11		SUMMARY OF QUANTITIES
12 - 14		TYPICAL SECTIONS
15 - 23A		SCHEDULE OF QUANTITIES
24		ALIGNMENT, TIES AND BENCHMARKS
25 - 26		EXISTING CONDITIONS AND REMOVAL PLAN
27 - 30		ROADWAY PLAN & PROFILE
31 - 38		ROADWAY AND DRAINAGE DETAILS
39 - 67		STAGING AND TRAFFIC CONTROL
68 - 70		PAVEMENT MARKING
71		SIGNING DETAILS
72 - 75		SIGN STRUCTURE DETAILS
76 - 77		SEDIMENT, EROSION CONTROL AND LANDSCAPING DETAILS
78 - 80		DISTRICT 5 DETAILS
81 - 99A		LIGHTING
100 - 134	SM-01 - SM-35	BRIDGE PLANS (S.N. 010-0020)
135 - 197	SR-01 - SR-63	BRIDGE PLANS (S.N. 010-0021)
198 - 201	XSEC-0 - XSEC-04	CROSS SECTIONS

STANDARD	DESCRIPTION
701406-12	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701446-10	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701451-05	RAMP CLOSURE FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
725001-01	OBJECT AND TERMINAL MARKERS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
812001-01	RACEWAY EMBEDDED IN STRUCTURE
821101-02	LUMINAIRE WIRING IN POLE
830016-03	LIGHT POLE STEEL DAVIT ARM
830026-01	TEMPORARY ROADWAY LIGHTING
836001-04	LIGHT POLE FOUNDATION
836011-02	LIGHT POLE FOUNDATION WITH 44 in. (1120 mm) CONCRETE BARRIER
838001-01	BREAKAWAY DEVICES

HIGHWAY STANDARDS

STANDARD	DESCRIPTION
000001-07	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
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
420406	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
515001-04	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602301-04	INLET - TYPE A
604036-03	GRATE TYPE 8
630001-12	STEEL PLATE BEAM GUARDRAIL
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-16	TRAFFIC BARRIER TERMINAL, TYPE 6
637006-04	CONCRETE BARRIER, DOUBLE FACE, 44 in. (1120 mm) HEIGHT
642001-02	SHOULDER RUMBLE STRIPS, 16 in.
664001-02	CHAIN LINK FENCE
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
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
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-12	LANE CLOSURE, FREEWAY/EXPRESSWAY

MODEL: D:\exp\it
 FILE NAME: \\exp\paw\kentley.com\exp\paw\01\Documents\Projects\CH002\6550-A01800_CADD Design\802_Phase 1\802_02_CivilSheet\DS70C64-shr-gennote-001.dgn

FILE NAME =	USER NAME = onealm	DESIGNED - JP	REVISED -
D570C64-shr-gennote-001.dgn		DRAWN - JP	REVISED -
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 2.0000' / in.	CHECKED - DH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 11/15/2019	DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS AND STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	2
			CONTRACT NO. 70C64	
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

- GN 100A ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.
- GN 100C THE RESIDENT ENGINEER SHALL FURNISH THE CITY ENGINEER FOR URBANA AND CHAMPAIGN WITH AS-BUILT PLAN INFORMATION FOR THE STORM SEWER CONNECTIONS.
- GN 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.
- GN 105.09A ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)
- GN 107.12 THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

MR. PAUL CHOJENSKI
MANAGER, PUBLIC PROJECTS CN
CN RAILROAD
17641 SOUTH ASHLAND AVENUE
HOMWOOD, IL 60430
(708) 332-3557

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

MR. PAUL CHOJENSKI
MANAGER, PUBLIC PROJECTS CN
CN RAILROAD
17641 SOUTH ASHLAND AVENUE
HOMWOOD, IL 60430
(708) 332-3557

SOME RAILROADS REQUIRE CONTRACTORS TO OBTAIN A RIGHT OF ENTRY PERMIT BEFORE ENTERING UPON RAILROAD RIGHT OF WAY. IT IS THE RESPONSIBILITY OF CONTRACTOR TO OBTAIN A RAILROAD RIGHT OF ENTRY PERMIT FROM THE RAILROAD IF REQUIRED BY THE RAILROAD(S).
- GN 201 TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.
- GN 202 GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF THE TEMPORARY EASMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.

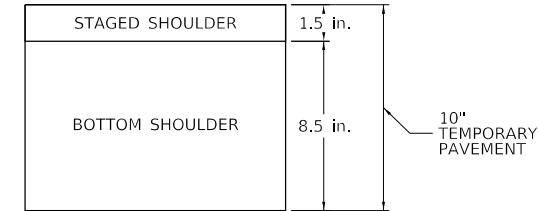
THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- GN 250C SEEDING, CLASS 7 AND MULCH, METHOD 2 IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS DURING TIME 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.
- GN 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.
- GN 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.

GN 406H MIXTURE REQUIREMENTS

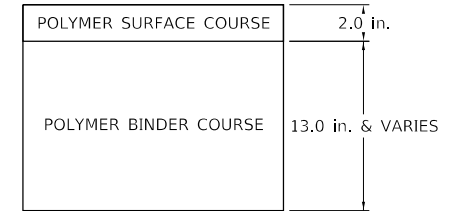
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location	I-74	I-74	I-74	I-74	I-74	I-74
Mixture Use	Shoulder Surface	Polymer Surface	Polymer Binder	Polymer Binder	Staged Shoulder	Bottom Shoulder
AC/PG	PG 64-22	SBS PG 76-22	SBS PG 70-22	SBS PG 70-22	SBS PG 70-22	PG 64-22
Design Air Voids	4.0% @ Ndes=30	4.0% @ Ndes=80	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=70	4.0% @ Ndes=70
Mix Comp(Gradation)	IL 9.5L	SMA 12.5	IL 9.5 FG	IL 19.0	IL 9.5	IL 19.0
Friction Aggregate	Mix C	Mix E	N.A.	N.A.	Mix C	N.A.
Mixture Weight	112	112	112	112	112	112
Quality Management Program	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
Sublot Size	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

TEMPORARY PAVEMENT SHALL CONSIST OF:



PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB SHALL CONSIST OF:



- GN 482 ALL LOW ESAL MIXTURE PLACED AS HOT-MIX ASPHALT SHOULDERS SHALL BE COMPACTED TO 94.0 - 98.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY. THIS REQUIREMENT SHALL APPLY TO IL 9.5L GRADATION MIXES. THIS MAXIMUM DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE OF FOUR TESTS AS IN OTHER QC/QA TESTING. A NUCLEAR GAUGE DENSITY/CORE CORRELATION SHALL BE PERFORMED FOR THE IL 9.5L USING STANDARD CORRELATION PROCEDURES WHEN MORE THAN 3,000 TONS ARE TO BE PLACED.
- GN 551A THE RESIDENT ENGINEER SHALL NOTIFY THE PUBLIC WORKS DEPARTMENTS FOR THE CITY OF CHAMPAIGN AND THE CITY OF URBANA PRIOR TO MAKING CONNECTIONS TO THEIR SYSTEMS.

CHRIS SOKOLOWSKI
ASSISTANT CITY ENGINEER
CHAMPAIGN PUBLIC WORKS
217-403-4700

CRAIG SHONKWILER
ASSISTANT CITY ENGINEER
URBANA PUBLIC WORKS
217-384-2385
- GN 609 (SPL) PRIOR TO ROUTING TRAFFIC ONTO THE SHOULDERS AS SHOWN IN THE STAGING PLANS, THE CONTRACTOR SHALL WELD THE GRATINGS TO THE FRAMES ON SHOULDER INLETS AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
- GN 667 THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION 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.
- GN 703A SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).
- GN 781 THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS.
- GN Z0038 AN ALUMINUM TABLET 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.

COMMITMENTS

NONE.

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 exp U.S. Services Inc.
 CHICAGO, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

FILE NAME = D570C64-sh-gennote-002.dgn	USER NAME = onealm	DESIGNED - JP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND COMMITMENTS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 2,000' / in.	CHECKED - DH	REVISED -	74			(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	3	
PLOT DATE = 11/15/2019	DATE - 10/16/2019	REVISED -	CONTRACT NO. 70C64							
			SCALE:			SHEET	OF SHEETS	STA.	TO STA.	ILLINOIS

MODEL: Default
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SPEC'Y ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN			
					90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE
					BRIDGE 0013 S.N.010-0020	BRIDGE 0013 S.N.010-0021	ROADWAY 0005 URBAN	LIGHTING 0021 URBAN
	20100500	TREE REMOVAL, ACRES	ACRE	0.25			0.25	
	20200100	EARTH EXCAVATION	CU YD	3,013			3013	
	20800150	TRENCH BACKFILL	CU YD	50			50	
	25000210	SEEDING, CLASS 2A	ACRE	0.75			0.75	
	25000350	SEEDING, CLASS 7	ACRE	0.25			0.25	
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	68			68	
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	68			68	
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	68			68	
	25100115	MULCH, METHOD 2	ACRE	0.25			0.25	
	25100630	EROSION CONTROL BLANKET	SQ YD	5,223			5223	
	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	1,494			1494	
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	57			57	
	28000510	INLET FILTERS	EACH	6			6	
	28100107	STONE RIPRAP, CLASS A4	SQ YD	200			200	
	40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	3.0			3.0	
	28200200	FILTER FABRIC	SQ YD	200			200	
	40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	11.9			11.9	
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5,974			5974	
	40300500	COVER COAT AGGREGATE	TON	35			35	
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	21,827			21827	
	40300600	SEAL COAT AGGREGATE	TON	35			35	
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	960			960	
	40600990	TEMPORARY RAMP	SQ YD	57			57	
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	67			67	
	40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	2,736			2736	
	40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	527			527	
	40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	2,598			2598	
	40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1993			1993	
	42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	479			479	

FILE NAME = D570C64-sht-SQ-001.dgn	USER NAME = Bajzekk	DESIGNED - JP	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - DH	REVISIED -	
PLOT DATE = 10/16/2019	DATE - 10/16/2019	REVISIED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	4
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

URBAN

SPEC'Y ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE
					BRIDGE 0013	BRIDGE 0013	ROADWAY 0005	LIGHTING 0021
					S.N.010-0020	S.N.010-0021	URBAN	URBAN
4200080		PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	519			519	
42001300		PROTECTIVE COAT	SQ YD	6,239			6239	
42400200		PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	50			50	
44000100		PAVEMENT REMOVAL	SQ YD	145			145	
44000155		HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	20,943			20,943	
44000157		HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	19,632			19,632	
44000163		HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	SQ YD	2,658			2658	
44000165		HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	4,792			4792	
44000300		CURB REMOVAL	FOOT	4462			4462	
44000600		SIDEWALK REMOVAL	SQ FT	50			50	
44004250		PAVED SHOULDER REMOVAL	SQ YD	520			520	
48101200		AGGREGATE SHOULDERS, TYPE B	TON	94			94	
50101700		REMOVAL OF EXISTING SUPERSTRUCTURES NO. 1	EACH	1	1			
50101800		REMOVAL OF EXISTING SUPERSTRUCTURES NO. 2	EACH	1		1		
50102400		CONCRETE REMOVAL	CU YD	423	57.7	360.6	4.7	
50104650		SLOPE WALL REMOVAL	SQ YD	2,781	1094	1687		
50157300		PROTECTIVE SHIELD	SQ YD	5,088	860	4228		
50200100		STRUCTURE EXCAVATION	CU YD	1,709	403	1306		
50300225		CONCRETE STRUCTURES	CU YD	900.0	130.2	769.8		
50300255		CONCRETE SUPERSTRUCTURE	CU YD	3,537.9	638.8	2899.1		
50300300		PROTECTIVE COAT	SQ YD	1,934	382	1552		
50301350		CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	688.4	342.0	346.4		
50500105		FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	0.2	0.8		
50500505		STUD SHEAR CONNECTORS	EACH	48,352	12912	35440		
50800205		REINFORCEMENT BARS, EPOXY COATED	POUND	1,342,770	325190	1,017,580		

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 exp U.S. Services Inc.
 CHICAGO, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

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PLOT DATE = 10/16/2019		DATE - 10/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: _____ SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	5
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

SPEC'Y ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN			
					90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE
					BRIDGE 0013 S.N.010-0020	BRIDGE 0013 S.N.010-0021	ROADWAY 0005 URBAN	LIGHTING 0021 URBAN
50800515	BAR SPLICERS	EACH	379	16	363			
51100100	SLOPE WALL 4 INCH	SQ YD	2,444	851	1593			
51500100	NAME PLATES	EACH	2	1	1			
52000030	PREFORMED JOINT SEAL 2 1/2"	FOOT	992	205	787			
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	48	48				
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	32		32			
52100510	ANCHOR BOLTS, 3/4"	EACH	128	128				
52100520	ANCHOR BOLTS, 1"	EACH	32		32			
52100530	ANCHOR BOLTS, 1 1/4"	EACH	96		96			
52100540	ANCHOR BOLTS, 1 1/2"	EACH	128		128			
52200010	TEMPORARY SHEET PILING	SQ FT	1,149	216	933			
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	3			3		
54248510	CONCRETE COLLAR	CU YD	4			4		
55100500	STORM SEWER REMOVAL 12"	FOOT	208			208		
58600100	SAND BACKFILL	CU YD	233			233		
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	1399	335	1064			
58700300	CONCRETE SEALER	SQ FT	4,045		4045			
59000200	EPOXY CRACK INJECTION	FOOT	53		53			
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	554	177	377			
60100945	PIPE DRAINS 12"	FOOT	608			608		
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2			2		
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2			2		
60402210	GRATES, TYPE 8	EACH	2			2		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1,779			1779		
61000050	CONCRETE THRUST BLOCKS	EACH	8			8		

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PLOT DATE = 10/16/2019		DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	6
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

REV. 12/12/19 REV. 12/04/19 REV. 12/03/19

SPEC'Y ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN			
					90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE
					BRIDGE 0013 S.N.010-0020	BRIDGE 0013 S.N.010-0021	ROADWAY 0005 URBAN	LIGHTING 0021 URBAN
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2,142			2142	
*	63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	2825			2825	
*	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2			2	
*	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8			8	
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	EACH	2			2	
	63200310	GUARDRAIL REMOVAL	FOOT	5,214			5214	
*	63700180	CONCRETE BARRIER, SINGLE FACE, 44 INCH HEIGHT	FOOT	858			858	
*	63700280	CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT	FOOT	2458			2458	
*	63700805	CONCRETE BARRIER TRANSITION	FOOT	28			28	
	63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	11,046			11046	
*	63700380	CONCRETE BARRIER, VARIABLE CROSS SECTION 44 INCH HEIGHT	FOOT	63			63	
	64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	11,172			11172	
	66101150	HOT-MIX ASPHALT SHOULDER CURB	FOOT	5,149			5149	
	66400305	CHAIN LINK FENCE, 6'	FOOT	776			776	
	66407400	CHAIN LINK GATES, 6' X 8' DOUBLE	EACH	2			2	
*	66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1			1	
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	4,142			4142	
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1			1	
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1			1	
*	66901002	REGULATED SUBSTANCES MONITORING	CAL DA	35			35	
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1			1	
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	30			30	
	67100100	MOBILIZATION	L SUM	1			1	
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1980			1980	
	70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1			1	
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	6,520			6520	
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,173			2173	

*= SPECIALTY ITEM

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Chicago, IL
BUILDINGS-EARTH & ENVIRONMENT-ENERGY
INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

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PLOT SCALE = 2 0000 / in.
PLOT DATE = 10/18/2019

DESIGNED - JP
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DATE - 10/16/2019

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	7
			CONTRACT NO. 70C64	

ILLINOIS FED. AID PROJECT
REV. 12/04/19 REV. 12/03/19

URBAN

SPEC'Y ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE
					BRIDGE 0013	BRIDGE 0013	ROADWAY 0005	LIGHTING 0021
					S.N.010-0020	S.N.010-0021	URBAN	URBAN
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	24,805			24,805	
	70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	5419			5419	
	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	372			372	
	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	61			61	
	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	103,784			103,784	
	70300908	PAVEMENT MARKING TAPE, TYPE IV 8"	FOOT	7740			7740	
	70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	352			352	
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	6,946			6946	
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	7125			7125	
	70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2			2	
	73400100	CONCRETE FOUNDATIONS	CU YD	8.1			8.1	
	73800005	REMOVE STRUCTURAL STEEL SUPPORT FOR OVERHEAD SIGN STRUCTURE - SPAN	EACH	1			1	
	73800105	REMOVE AND RE-ERECT STRUCTURAL STEEL SUPPORT FOR OVERHEAD SIGN STRUCTURE - SPAN	EACH	1			1	
	73800205	STRUCTURAL STEEL SUPPORT FOR OVERHEAD SIGN STRUCTURE - SPAN	EACH	1			1	
	73800405	REMOVE AND RE-ERECT OVERHEAD SIGN SUPERSTRUCTURE - SPAN	EACH	1			1	
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	52			52	
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	19,010			19,010	
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	3468			3468	
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	830			830	
*	78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	3495			3495	
*	78008310	POLYUREA PAVEMENT MARKING TYPE II - LINE 4"	FOOT	5042			5042	
*	78008340	POLYUREA PAVEMENT MARKING TYPE II - LINE 8"	FOOT	586			586	
*	78008350	POLYUREA PAVEMENT MARKING TYPE II - LINE 12"	FOOT	11			11	
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	214			214	
*	78100300	REPLACEMENT REFLECTOR	EACH	114			114	

* = SPECIALTY ITEM

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PLOT DATE = 10/16/2019		DATE - 10/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	8
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

URBAN

SPEC 'Y ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE
					BRIDGE 0013	BRIDGE 0013	ROADWAY 0005	LIGHTING 0021
					S.N.010-0020	S.N.010-0021	URBAN	URBAN
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	28			28	
*	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	23			23	
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	214			214	
*	81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	60				60
*	81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	7214				7214
*	81300550	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 12" X 12" X 6"	EACH	4				4
*	81300980	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 8" X 8" X 6"	EACH	2				2
*	81603055	UNIT DUCT, 600V, 3-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	260				260
*	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	21,180				21180
*	82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	54				54
*	83061502	LIGHT POLE, STAINLESS STEEL, 45 FT. M.H., 6 FT. DAVIT ARM, TWIN.	EACH	4				4
*	83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	10.5				10.5
*	84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	8				8
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	5,180				5180
	X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	125			125	
	X0322463	CONNECTION TO EXISTING SEWER	EACH	1			1	
*	X0324534	REMOVE AND REINSTALL LIGHT POLES	L SUM	1				1
*	X0327640	REAL-TIME TRAFFIC CONTROL CENTRAL BASE UNIT	CAL MO	16			16	
	X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	9,740			9740	
	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2,799			2799	
	X1000002	HIGH FRICTION SURFACE TREATMENT FOR BRIDGE DECK SURFACES	SQ YD	13,198	3156	10042		
*	X1400267	REMOVAL OF LIGHTING LUMINAIRE, NO SALVAGE	EACH	52				52
	X2600011	REMOVE AND RELOCATE SIGN PANEL	EACH	2			2	
	X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	16			16	
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	781			781	
	X4401981	CONCRETE BARRIER BASE REMOVAL	SQ FT	23,794			23794	
	X4401982	CONCRETE BARRIER REMOVAL, SINGLE FACE	FOOT	874			874	
	X4401983	CONCRETE BARRIER REMOVAL, DOUBLE FACE	FOOT	2744			2744	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	9
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

SPEC'Y ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN			
					90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE
					BRIDGE 0013 S.N.010-0020	BRIDGE 0013 S.N.010-0021	ROADWAY 0005 URBAN	LIGHTING 0021 URBAN
	X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	1,779			1779	
	X5210170	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 500K	EACH	16		16		
	X5210210	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 700K	EACH	16		16		
	X5210350	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 600K	EACH	16		16		
	X6013600	PIPE UNDERDRAINS 4" (MODIFIED)	FOOT	513			513	
	X6050700	REMOVE INLET BOX	EACH	12			12	
	X6062400	CONCRETE GUTTER (SPECIAL)	FOOT	24			24	
	X6370090	CONCRETE BARRIER BASE, SINGLE FACE	FOOT	874			874	
	X6370091	CONCRETE BARRIER BASE, DOUBLE FACE	FOOT	2,621			2621	
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1			1	
	X7010410	SPEED DISPLAY TRAILER	CAL MO	34			34	
	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	52,421			52,421	
	X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	269			269	
	X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	114			114	
*	X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	22,589			22589	
*	X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	3,573			3573	
*	X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	830			830	
*	X8360103	LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL	EACH	17				17
*	X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1				1
	X6020399	CONNECTION TO EXISTING MANHOLE	EACH	5			5	
	Z0004552	APPROACH SLAB REMOVAL	SQ YD	2,023			2023	
	Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	347	76	271		
	Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	84		84		
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1			1	
	Z0016702	DETOUR SIGNING	L SUM	1			1	

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 Chicago, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

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PLOT DATE = 10/16/2019		DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	10
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

SPEC'Y ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN			
					90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE	90% FED/ 10% STATE
					BRIDGE 0013 S.N.010-0020	BRIDGE 0013 S.N.010-0021	ROADWAY 0005 URBAN	LIGHTING 0021 URBAN
	Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	36	16	20		
	Z0018800	DRAINAGE SYSTEM	L SUM	1	0.2	0.8		
	Z0023500	FILLING EXISTING CULVERTS	CU YD	17			17	
	Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	12,409	3065	9344		
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	80			80	
*	Z0033024	MAINTAIN EXISTING LIGHTING SYSTEM	L SUM	1				1
	Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	25,882			25882	
	Z0034390	MODULAR EXPANSION JOINT 6"	FOOT	243		243		
	Z0038700	PERMANENT BENCH MARKS	EACH	2			2	
	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	760	402	358		
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1			1	
	Z0062456	TEMPORARY PAVEMENT	SQ YD	2,036			2036	
∅	Z0076600	TRAINEES	hour	2500			2500	
*	X0328005	REAL-TIME TRAFFIC MONITORING SENSOR UNIT	CAL MO	256			256	
∅	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	hour	2500			2500	
*	X0328006	REAL-TIME TRAFFIC CONTROL WARNING SIGN	CAL MO	128			128	

*= SPECIALTY ITEM

∅ 0042

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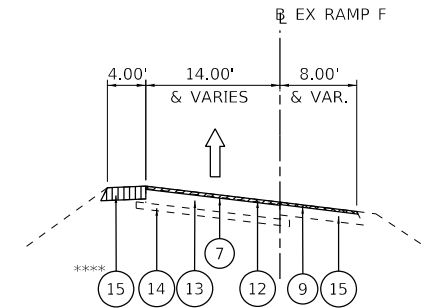
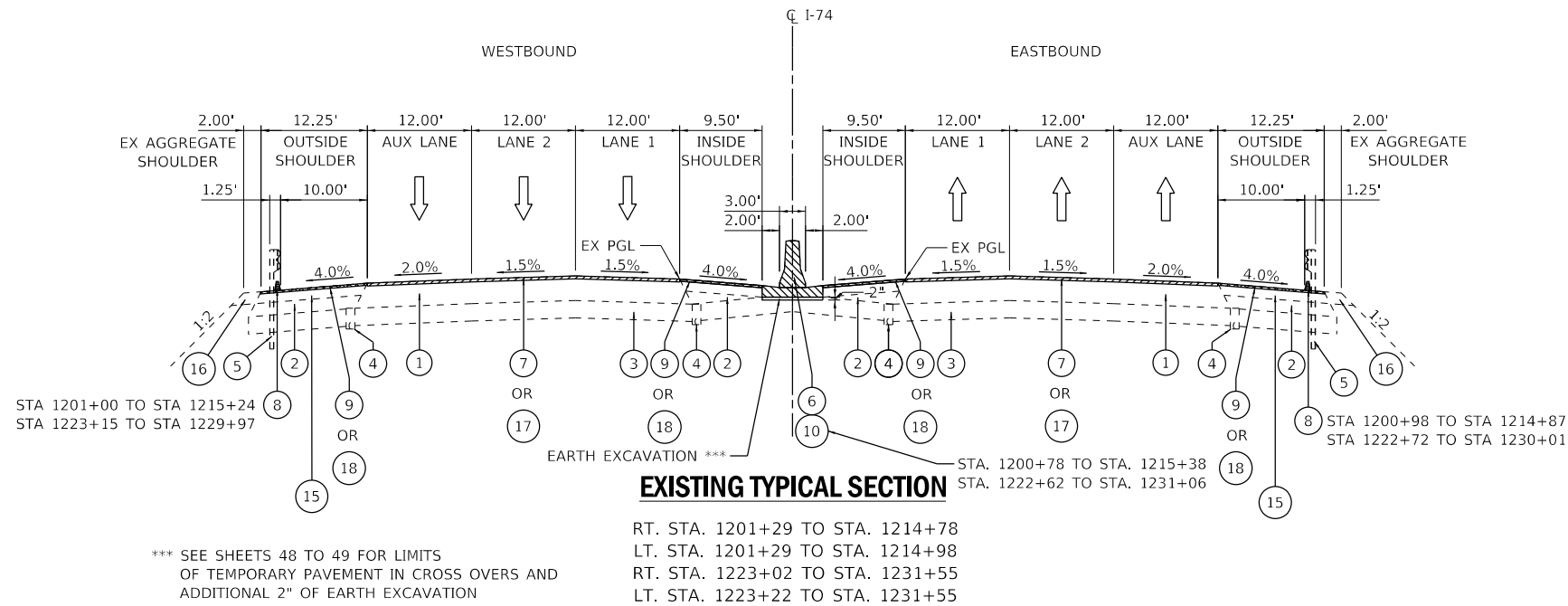
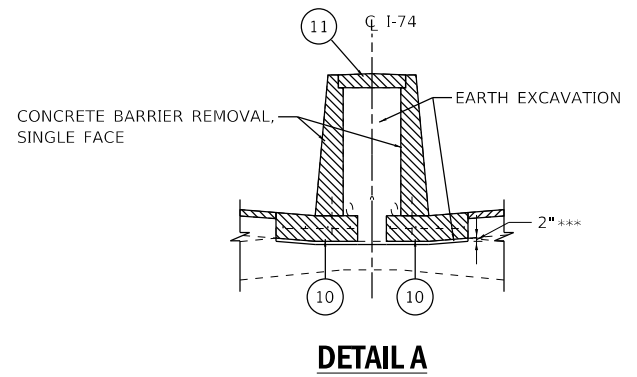
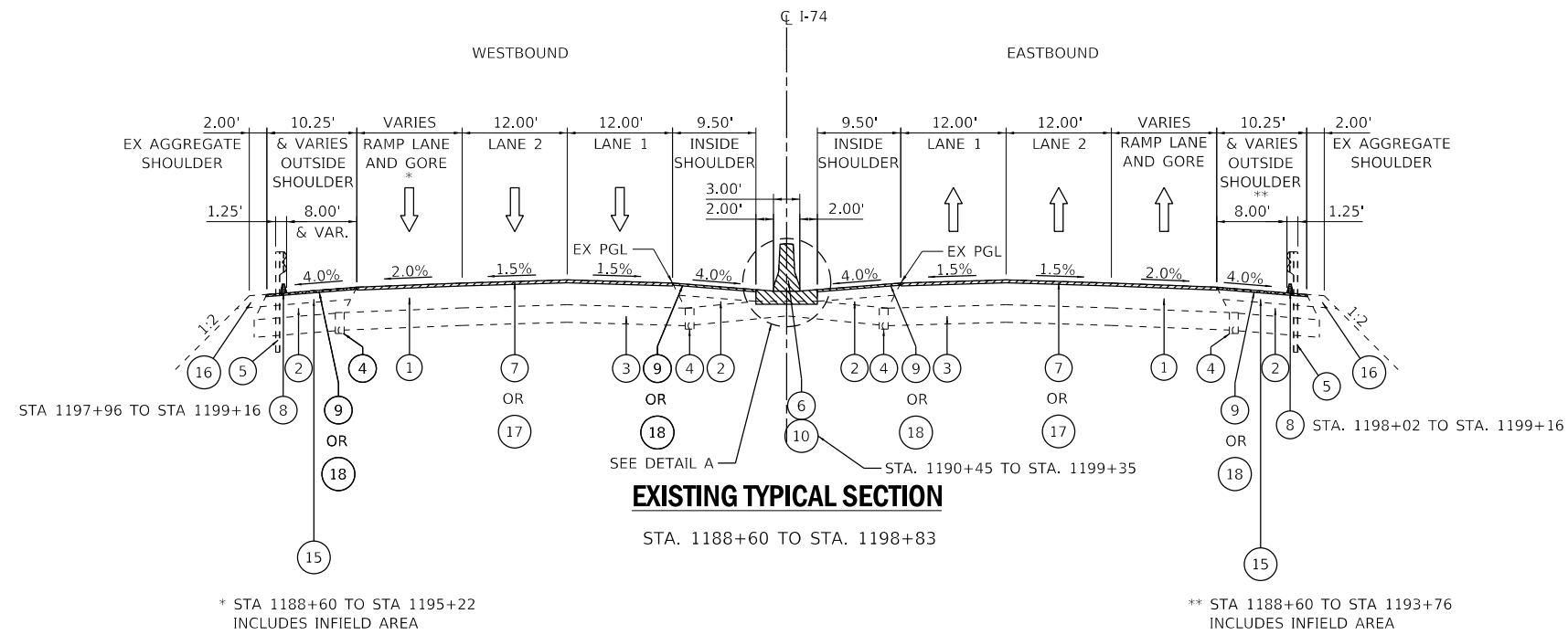
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 10/18/2019	DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	11
CONTRACT NO. 70C64			ILLINOIS FED. AID PROJECT	



NOTE:
SEE EXISTING CONDITION AND REMOVAL PLANS FOR REMOVAL LIMITS OF ALL ITEMS.

EXISTING & REMOVAL LEGEND:

- | | |
|---|---|
| ① EXISTING BITUMINOUS CONCRETE PAVEMENT 17 1/2" | ⑪ CONCRETE MEDIAN SURFACE REMOVAL |
| ② EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C | ⑫ EXISTING BITUMINOUS CONCRETE SURFACE 1 1/2" |
| ③ EXISTING LIME MODIFIED SOILS 12" | ⑬ EXISTING PCC BASE 9" |
| ④ EXISTING PIPE UNDER DRAINS, 4" | ⑭ EXISTING AGGREGATE SUBBASE 4" |
| ⑤ GUARDRAIL REMOVAL | ⑮ EXISTING BITUMINOUS SHOULDERS 8 1/4" |
| ⑥ CONCRETE BARRIER REMOVAL, SINGLE FACE OR DOUBLE FACE (SEE NOTE) | ⑯ EXISTING AGGREGATE SHOULDERS |
| ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, 2" | ⑰ HOT-MIX ASPHALT SURFACE REMOVAL, 4" |
| ⑧ CURB REMOVAL | ⑱ HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2" |
| ⑨ HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" | |
| ⑩ CONCRETE BARRIER BASE REMOVAL | |

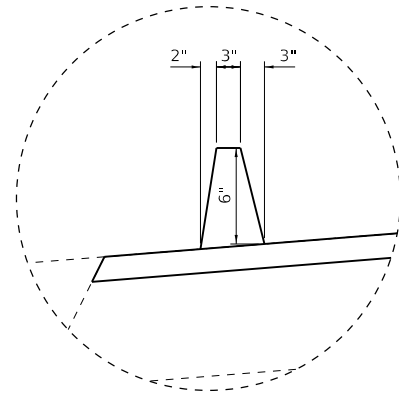
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 20.0000' / in.	DRAWN - CA	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 11/15/2019	CHECKED - DH	REVISED -
		DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

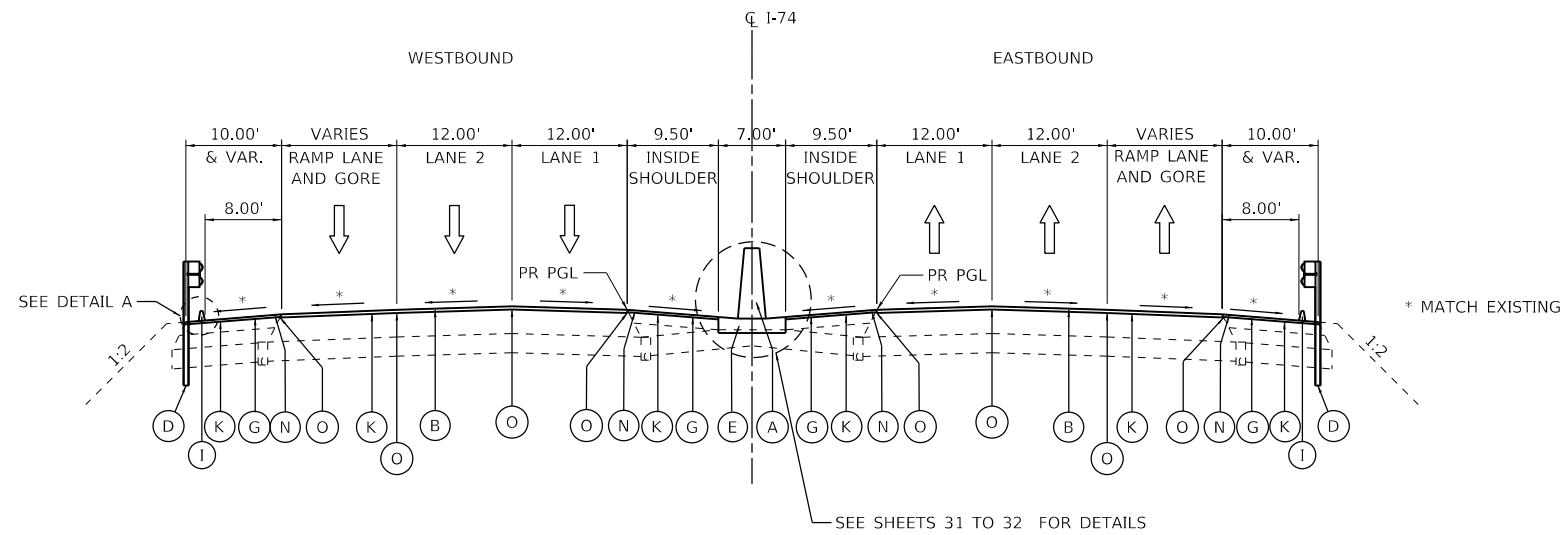
TYPICAL SECTIONS EXISTING	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

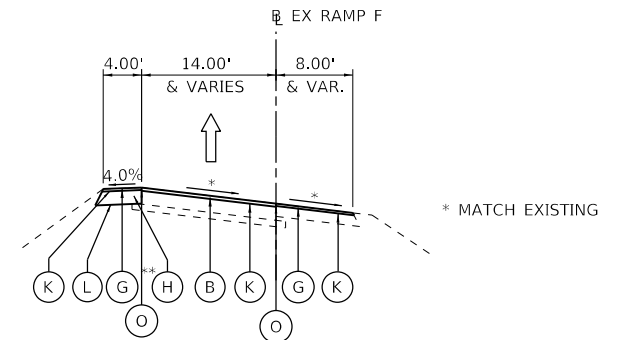


DETAIL A - HMA SHOULDER CURB

* PROPOSED GUARDRAIL NOT SHOWN FOR CLARITY
 ** HMA SHOULDER CURB SHOWN FOR WB. APPLY OPPOSITE HAND FOR EB.

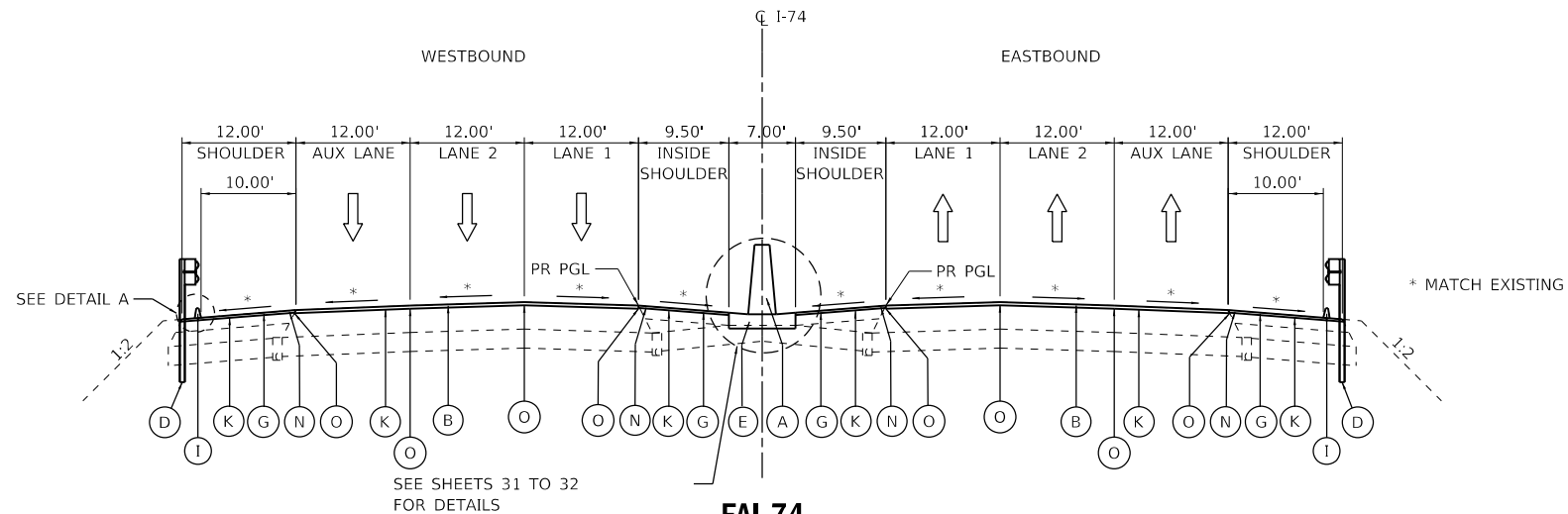


**FAI-74
 PROPOSED TYPICAL SECTION ①**
 STA. 1188+60 TO STA. 1193+86.50



**WB EXIT RAMP TO NEIL STREET
 PROPOSED TYPICAL SECTION**

STA. 120+35 TO STA. 123+42
 ** SEE SHEETS 27 TO 28 FOR LIMITS OF SHOULDER REPLACEMENT



**FAI-74
 PROPOSED TYPICAL SECTION ②**
 STA. 1204+40 TO STA. 1208+79.17
 STA. 1225+25 TO STA. 1231+55

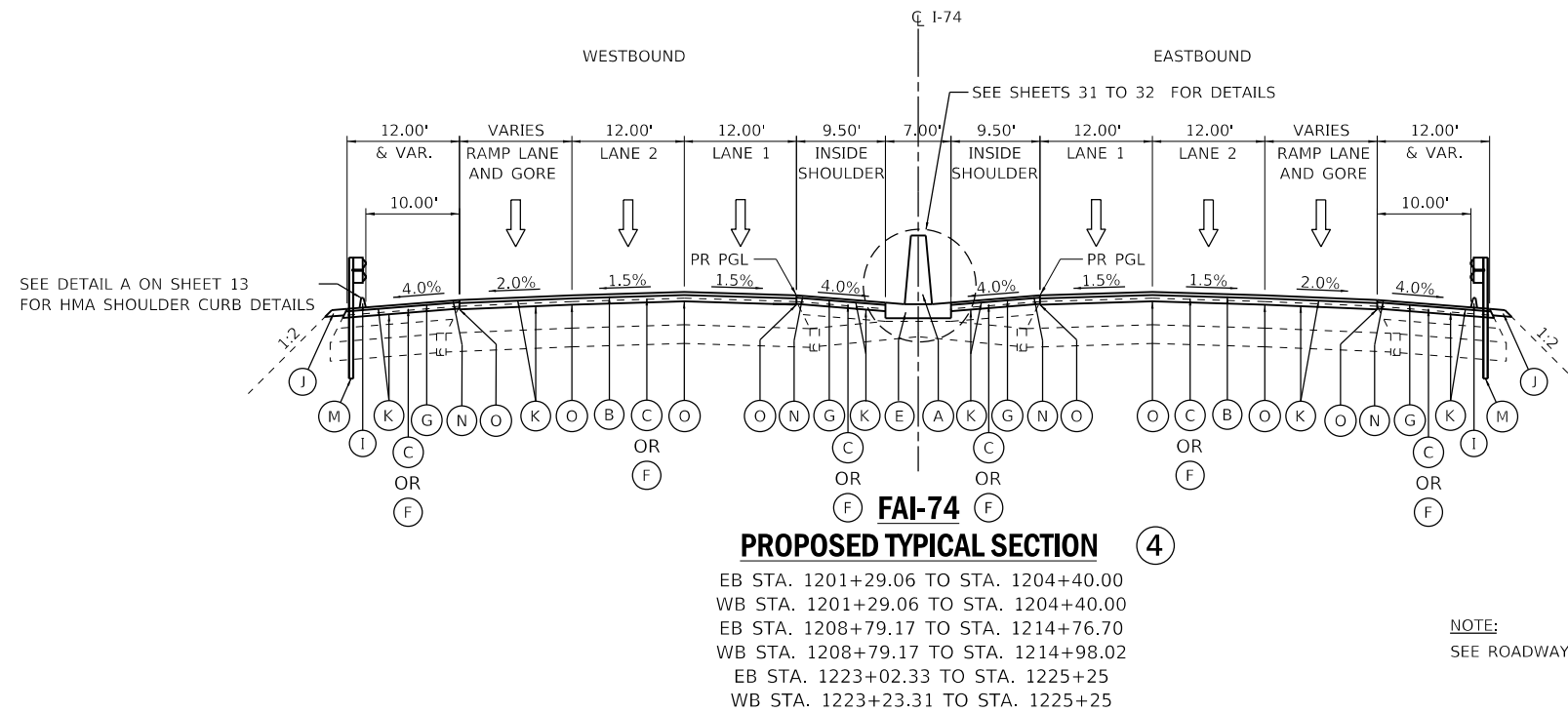
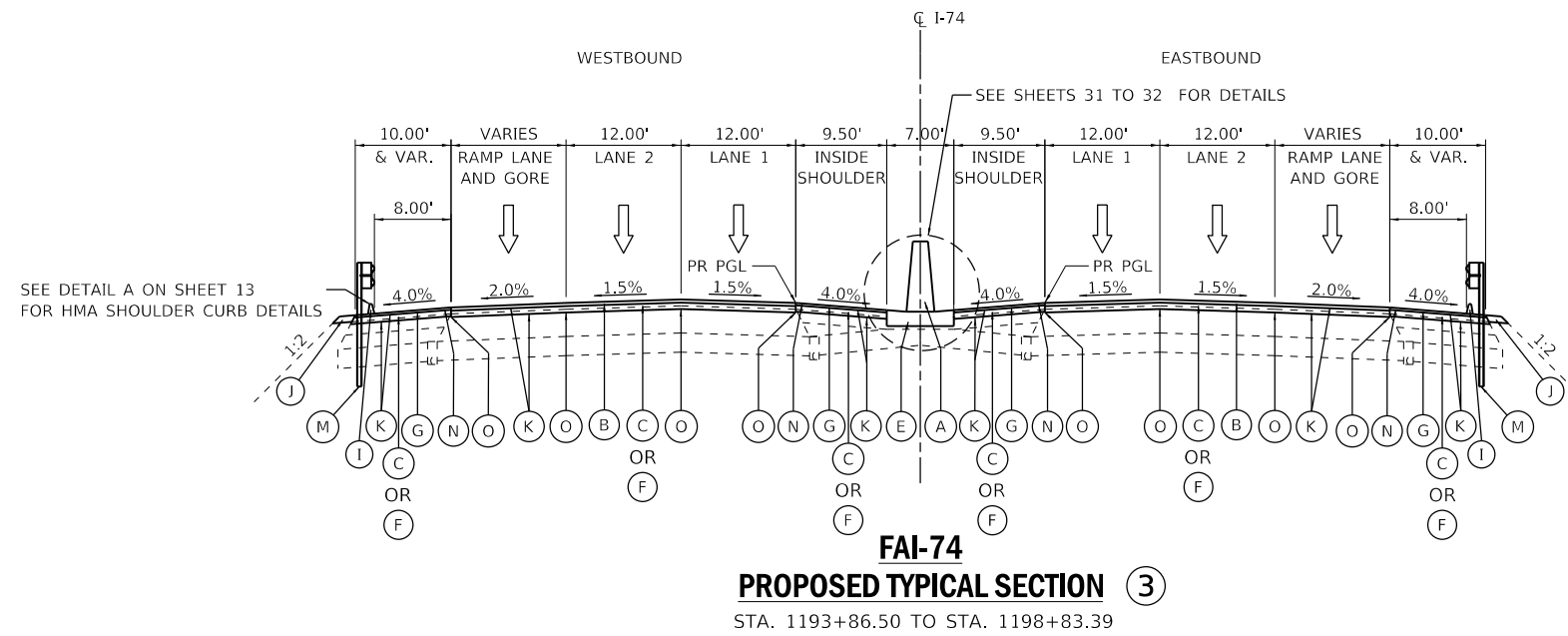
NOTE:
 SEE ROADWAY PLAN AND PROFILE SHEETS >CV0001 TO >CV0004 FOR CONSTRUCTION LIMITS OF ALL ITEMS.

PROPOSED LEGEND:

- (A) CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT OR SINGLE FACE, 44 INCH HEIGHT (SEE NOTE)
- (B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 (224 LB/SY)
- (C) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (VARIABLE DEPTH), (252 LB/SY TO 448 LB/SY) (WHERE REQUIRED, SEE NOTE)
- (D) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS OR STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS (SEE NOTE)
- (E) CONCRETE BARRIER BASE, SINGLE FACE OR DOUBLE FACE (SEE NOTE)
- (F) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90 (VARIABLE DEPTH), (140 LB/SY TO 252 LB/SY) (WHERE REQUIRED, SEE NOTE)
- (G) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, (168 LB/SY)
- (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8 1/2" (WHERE REQUIRED, SEE NOTE)
- (I) HOT-MIX ASPHALT SHOULDER CURB
- (J) AGGREGATE SHOULDERS, TYPE B
- (K) BITUMINOUS MATERIALS (TACK COAT)
- (L) BITUMINOUS MATERIALS (PRIME COAT)
- (M) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (N) SHOULDER RUMBLE STRIPS, 16 INCH
- (O) LONGITUDINAL JOINT SEALANT

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 exp U.S. Services Inc. Chicago, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

FILE NAME = D570C64-sh-typical-002.dgn	USER NAME = onealm	DESIGNED - CA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS PROPOSED				F.A.I. RTE. = 74	SECTION = (14-1)BR, (14HB-2)BR-1	COUNTY = CHAMPAIGN	TOTAL SHEETS = 201	SHEET NO. = 13
PLOT SCALE = 20.0000' / in.	CHECKED - DH	REVISIED -	REVISIED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 70C64	
PLOT DATE = 11/15/2019	DATE - 10/16/2019	REVISIED -	REVISIED -										ILLINOIS FED. AID PROJECT



NOTE:
SEE ROADWAY PLAN AND PROFILE SHEETS >CVO001 TO >CVO04 FOR CONSTRUCTION LIMITS OF ALL ITEMS.

PROPOSED LEGEND:

- (A) CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT OR SINGLE FACE, 44 INCH HEIGHT (SEE NOTE)
- (B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 (224 LB/SY)
- (C) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (VARIABLE DEPTH), (252 LB/SY TO 448 LB/SY) (WHERE REQUIRED, SEE NOTE)
- (D) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (E) CONCRETE BARRIER BASE, SINGLE FACE OR DOUBLE FACE (SEE NOTE)
- (F) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90 (VARIABLE DEPTH), (140 LB/SY TO 252 LB/SY) (WHERE REQUIRED, SEE NOTE)
- (G) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, (168 LB/SY)
- (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8 1/2" (WHERE REQUIRED, SEE NOTE)
- (I) HOT-MIX ASPHALT SHOULDER CURB
- (J) AGGREGATE SHOULDERS, TYPE B
- (K) BITUMINOUS MATERIALS (TACK COAT)
- (L) BITUMINOUS MATERIALS (PRIME COAT)
- (M) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (N) SHOULDER RUMBLE STRIPS, 16 INCH
- (O) LONGITUDINAL JOINT SEALANT

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exp U.S. Services Inc. Chicago, IL
BUILDINGS-EARTH & ENVIRONMENT-ENERGY
INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

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PLOT DATE = 11/15/2019	DATE - 10/16/2019	REVISIONS -	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS PROPOSED	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	14
CONTRACT NO. 70C64				
ILLINOIS			FED. AID PROJECT	

STATION	LT/RT	WIDTH (FT)	LENGTH (FT)	
1201+15.00	LT	30	108	0.07
1201+15.00	RT	30	68	0.05
1214+67.00	LT	30	106	0.07
1214+67.00	RT	30	93	0.06
1223+07.00	RT	30	57	0.04
1223+28.00	LT	30	56	0.04

STAGE	LOCATION	STA	STA	
MEDIAN BARRIER FILL				
PRE-STAGE 2	I-74 C.L.	1190+45	1193+85	23
PRE-STAGE 2	I-74 C.L.	1190+45	1190+57	8
PRE-STAGE 2	I-74 C.L.	1190+57	1194+82	202
CROSSOVERS				
PRE-STAGE 2	I-74 C.L.	1190+45	1198+84	48
PRE-STAGE 2	I-74 C.L.	1223+00	1231+06	36
PRE-STAGE 2				
RIPRAP FLUMES				
STAGE 1A	I-74 WB	1201+08.00	1201+18.00	80
STAGE 1A	I-74 WB	1214+62.00	1214+72.00	79
STAGE 1A	I-74 WB	1223+23.00	1223+33.00	46
STAGE 2A	I-74 EB	1201+08.00	1201+18.00	47
STAGE 2A	I-74 EB	1214+62.00	1214+72.00	68
STAGE 2A	I-74 EB	1223+04.00	1223+14.00	46
TEMPORARY RAMP				
PRE-STAGE 1A	I-74 WB	120+35.35	120+50.00	3
PRE-STAGE 1A	I-74 WB	120+50.00	121+00.00	16
PRE-STAGE 1A	I-74 WB	121+00.00	121+50.00	21
PRE-STAGE 1A	I-74 WB	121+50.00	122+00.00	15
PRE-STAGE 1A	I-74 WB	122+00.00	122+50.00	9
PRE-STAGE 1A	I-74 WB	122+50.00	122+90.32	6
BRIDGE ABUTMENTS CONES RE-GRADING				
STAGE 1A/2A	Market St West			476
STAGE 1A/2A	Market St East			441
STAGE 1A/2A	ICR West			1188
STAGE 1A/2A	ICR East			157

STATION	TRENCH DEPTH (FT)	TRENCH WIDTH (FT)	SEWER LENGTH (FT)	
1199+20	2.3	2.5	53	11.1
1200+95	2.3	2.5	46	9.6
1215+23	2.2	2.5	48	9.6
1222+75	3.5	2.5	61	19.5

LOCATION	STA	STA	
TEMPORARY RAMP AREA RESTORATION			
I-74 WB/RAMP	120+34.85	122+95.29	0.15
MARKET STREET BRIDGE CONES			
WEST CONE			0.09
EAST CONE			0.07
ICRR BRIDGE CONES			
WEST CONE			0.33
EAST CONE			0.09
PIPE DRAINS HEADWALLS			
ALL LOCATIONS			0.14

LOCATION	STA	STA	
TEMPORARY RAMP SHOULDER			
I-74 WB/RAMP	121+54.63	122+95.29	0.25

LOCATION	STA	STA	
TEMPORARY RAMP AREA RESTORATION			
I-74 WB/RAMP	121+54.63	122+95.29	0.25

25100630 EROSION CONTROL BLANKET 5223 SQ YD

LOCATION	STA	STA	
TEMPORARY RAMP AREA RESTORATION			
I-74 WB/RAMP	120+34.85	122+95.29	510.5
ICRR BRIDGE CONES TEMPORARY APPLICATION			
WEST CONE			1598.3
EAST CONE			421.4
ICRR BRIDGE CONES PERMANENT APPLICATION			
WEST CONE			1598.3
EAST CONE			421.4
PIPE DRAINS HEADWALLS			
ALL LOCATIONS			673.3

25100635 EROSION CONTROL BLANKET 1494 SQ YD

LOCATION		
MARKET ST BRIDGE CONES TEMPORARY APPLICATION		
WEST CONE		412.00
EAST CONE		334.92
MARKET ST BRIDGE CONES PERMANENT APPLICATION		
WEST CONE		412.00
EAST CONE		334.92

28000250 TEMPORARY EROSION CONTROL SEEDING 57 POUND

LOCATION		
MARKET STREET BRIDGE CONES		
WEST CONE		9
EAST CONE		7
ICRR BRIDGE CONES		
WEST CONE		33
EAST CONE		9

STATION	LT/RT	AREA (SQ FT)	FACTOR (%)	ADJ. AREA	
1200+95	LT	150	10	165.00	6
1201+15	LT	978	10	1075.80	40
1201+15	RT	576	10	633.60	23
1214+67	LT	964	10	1060.40	39
1214+67	RT	830	10	913.00	34
1214+98	RT	150	10	165.00	6
1215+38	LT	150	10	165.00	6
1223+07	RT	559.5	10	615.45	23
1223+28	LT	557.12	10	612.83	23

28200200 FILTER FABRIC 200 SQ YD

STATION	LT/RT	AREA (SQ FT)	FACTOR (%)	ADJ. AREA	
1200+95	LT	150	10	165.00	6
1201+15	LT	978	10	1075.80	40
1201+15	RT	576	10	633.60	23
1214+67	LT	964	10	1060.40	39
1214+67	RT	830	10	913.00	34
1214+98	RT	150	10	165.00	6
1215+38	LT	150	10	165.00	6
1223+07	RT	559.5	10	615.45	23
1223+28	LT	557.12	10	612.83	23

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT 960 SQ YD

LOCATION	STA	STA	
I-74 WB	1193+86.50	1194+26.50	160
I-74 EB	1193+86.50	1194+26.50	160
I-74 WB	1204+00.00	1204+40.00	160
I-74 EB	1204+00.00	1204+40.00	160
I-74 WB	1224+85.00	1225+25.00	160
I-74 EB	1224+85.00	1225+25.00	160

40600990 TEMPORARY RAMP 51 SQ YD

LOCATION	STATION	STAGE	DIRECTION (EB/WB)	
Market St Bridge - West End	1198+83	1A	EB	12.2
Market St Bridge - West End	1198+83	1B	EB	6.1
ICRR/Oak St Bridge - East End	1223+02	1A	EB	5.9
Market St Bridge - West End	1198+83	2A	WB	14.0
Market St Bridge - West End	1198+83	2B	WB	7.0
ICRR/Oak St Bridge - East End	1223+02	2A	WB	5.9

40603085 HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70 67 TON

LOCATION	STA	STA	
I-74 WB	0120+35.00	0123+50.00	66.6

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 DATE: 11/15/2019

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PLOT DATE =	11/15/2019	DATE -	10/16/2019	REVISED -			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	15
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,
40603153 STONE MATRIX ASPHALT, N80 2736 TON

LOCATION	STA	STA	
I-74			
WB	1188+60.00	1193+86.50	151.6
EB	1189+60.00	1193+86.50	122.5
I-74			
WB	1193+86.50	1198+83.39	144.0
EB	1193+86.50	1198+83.39	143.4
I-74			
WB	1201+29.06	1204+40.00	136.0
EB	1201+29.06	1204+40.00	136.8
I-74			
WB	1204+40.00	1208+75.17	191.0
EB	1204+40.00	1208+75.17	191.4
I-74			
WB	1208+75.17	1214+98.02	272.9
EB	1208+75.17	1214+98.02	267.2
I-74			
WB	1223+13.31	1225+25.00	89.2
EB	1223+02.33	1225+25.00	98.4
I-74			
WB	1225+25.00	1231+55.00	279.4
EB	1225+25.00	1231+55.00	276.5
NEIL ST. EXIT RAMP			
WB	116+74.45	123+50.00	132.1
NEIL ST. ENTRANCE RAMP			
EB	157+84.00	163+27.57	103.4

POLYMERIZED HOT-MIX ASPHALT
40603219 BINDER COURSE, 1L-9.5FG, N90 527 TON

LOCATION	STA	STA	
I-74 + SHDRS			
I-74 WB	1193+86.50	1194+10.00	10.8
I-74 WB	1194+10.00	1194+30.00	10.8
I-74 WB	1194+30.00	1194+50.00	14.1
I-74 + SHDRS + RAMP			
I-74 EB	1193+86.50	1194+10.00	14.4
I-74 EB	1194+10.00	1194+30.00	13.8
I-74 EB	1194+30.00	1194+50.00	17.4
I-74 + SHDRS			
I-74 WB	1201+29.06	1201+45.00	11.6
I-74 EB			
I-74 WB	1201+29.06	1201+45.00	11.5
I-74 WB			
I-74 WB	1203+20.00	1203+40.00	14.9
I-74 WB	1203+40.00	1203+60.00	12.8
I-74 WB	1203+60.00	1203+80.00	12.0
I-74 WB	1203+80.00	1204+00.00	12.7
I-74 WB	1204+00.00	1204+20.00	11.9
I-74 WB	1204+20.00	1204+40.00	9.6
I-74 EB			
I-74 EB	1203+20.00	1203+40.00	14.9
I-74 EB	1203+40.00	1203+60.00	12.8
I-74 EB	1203+60.00	1203+80.00	12.0
I-74 EB	1203+80.00	1204+00.00	12.8
I-74 EB	1204+00.00	1204+20.00	12.0
I-74 EB	1204+20.00	1204+40.00	9.7
I-74 WB			
I-74 WB	1223+23.21	1223+45.00	11.1
I-74 WB	1223+45.00	1223+65.00	12.2
I-74 WB	1223+65.00	1223+85.00	12.7
I-74 WB	1223+85.00	1224+05.00	12.7
I-74 WB	1224+05.00	1224+25.00	13.6
I-74 WB	1224+25.00	1224+45.00	15.1
I-74 WB	1224+45.00	1224+65.00	14.3
I-74 WB	1224+65.00	1224+85.00	11.0
I-74 WB	1224+85.00	1225+05.00	9.1
I-74 WB	1225+05.00	1225+25.00	9.0

(CONTINUED ON NEXT COLUMN)

POLYMERIZED HOT-MIX ASPHALT
40603219 BINDER COURSE, 1L-9.5FG, N90 527 TON

LOCATION	STA	STA	
I-74 EB	1223+02.33	1223+25.00	7.7
I-74 EB	1223+25.00	1223+45.00	10.2
I-74 EB	1223+45.00	1223+65.00	12.2
I-74 EB	1223+65.00	1223+85.00	12.7
I-74 EB	1223+85.00	1224+05.00	12.7
I-74 EB	1224+05.00	1224+25.00	13.6
I-74 EB	1224+25.00	1224+45.00	15.1
I-74 EB	1224+45.00	1224+65.00	14.3
I-74 EB	1224+65.00	1224+85.00	11.1
I-74 EB	1224+85.00	1225+05.00	9.1
I-74 EB	1225+05.00	1225+25.00	9.0
NEIL ST EXIT RAMP			
I-74 WB EXIT RAMP	121+11.52	121+31.52	3.8
I-74 WB EXIT RAMP	121+31.52	121+51.52	2.9

POLYMERIZED HOT-MIX ASPHALT
40603240 BINDER COURSE, 1L-19.0, N90 3137 TON

LOCATION	STA	STA	
I-74 WEST OF MARKET ST. BRIDGE + SHDRS			
I-74 WB	1194+50.00	1195+00.00	55.8
I-74 WB	1195+00.00	1195+50.00	89.7
I-74 WB	1195+50.00	1196+00.00	84.2
I-74 WB	1196+00.00	1196+50.00	70.9
I-74 WB	1196+50.00	1197+00.00	72.0
I-74 WB	1197+00.00	1197+50.00	77.5
I-74 WB	1197+50.00	1198+00.00	86.0
I-74 WB	1198+00.00	1198+50.00	82.4
I-74 WB	1198+50.00	1198+83.39	50.0
I-74 EB	1194+50.00	1195+00.00	66.1
I-74 EB	1195+00.00	1195+50.00	79.5
I-74 EB	1195+50.00	1196+00.00	61.8
I-74 EB	1196+00.00	1196+50.00	54.4
I-74 EB	1196+50.00	1197+00.00	57.0
I-74 EB	1197+00.00	1197+50.00	63.0
I-74 EB	1197+50.00	1198+00.00	72.0
I-74 EB	1198+00.00	1198+50.00	72.1
I-74 EB	1198+50.00	1198+83.39	45.6
I-74 EAST OF MARKET ST. BRIDGE + SHDRS			
I-74 WB	1201+45.00	1201+95.00	54.3
I-74 WB	1201+95.00	1202+45.00	68.1
I-74 WB	1202+45.00	1202+95.00	60.6
I-74 WB	1202+95.00	1203+25.00	27.8
I-74 EB	1201+45.00	1201+95.00	53.5
I-74 EB	1201+95.00	1202+45.00	67.2
I-74 EB	1202+45.00	1202+95.00	59.9
I-74 EB	1202+95.00	1203+20.00	22.9
I-74 WEST OF ICRR BRIDGE + SHDRS			
I-74 WB	1208+80.00	1209+30.00	47.6
I-74 WB	1209+30.00	1209+80.00	59.5
I-74 WB	1209+80.00	1210+30.00	60.1
I-74 WB	1210+30.00	1210+80.00	57.7
I-74 WB	1210+80.00	1211+30.00	54.1
I-74 WB	1211+30.00	1211+80.00	50.5
I-74 WB	1211+80.00	1212+30.00	50.6
I-74 WB	1212+30.00	1212+80.00	57.1
I-74 WB	1212+80.00	1213+30.00	65.3
I-74 WB	1213+30.00	1213+80.00	71.8
I-74 WB	1214+30.00	1214+80.00	76.1
I-74 WB	1214+80.00	1214+98.02	28.1
I-74 EB	1208+80.00	1209+30.00	47.7
I-74 EB	1209+30.00	1209+80.00	59.9
I-74 EB	1209+80.00	1210+30.00	60.9
I-74 EB	1210+30.00	1210+80.00	58.5
I-74 EB	1210+80.00	1211+30.00	54.8
I-74 EB	1211+30.00	1211+80.00	51.1
I-74 EB	1211+80.00	1212+30.00	51.0
I-74 EB	1212+30.00	1212+80.00	57.2
I-74 EB	1212+80.00	1213+30.00	65.1
I-74 EB	1213+30.00	1213+80.00	71.4
I-74 EB	1213+80.00	1214+30.00	75.6
I-74 EB	1214+30.00	1214+76.70	72.5

HOT-MIX ASPHALT SURFACE COURSE,
40603315 MIX "C", N70 1993 TON

LOCATION	STA	STA	STAGE	
I-74				
I-74, WB RT SHDR	1188+60.00	1198+83.39		172.9
I-74, WB LT SHDR	1189+60.00	1198+83.39		91.5
I-74, EB RT SHDR	1188+60.00	1198+83.39		71.7
I-74, EB LT SHDR	1189+60.00	1198+83.39		81.5
I-74				
I-74, WB RT SHDR	1201+29.06	1214+98.02		133.2
I-74, WB LT SHDR	1201+29.06	1214+98.02		122.5
I-74, EB RT SHDR	1201+29.06	1214+76.69		125.3
I-74, EB LT SHDR	1201+29.06	1214+76.69		121.8
I-74				
I-74, WB RT SHDR	1223+23.31	1231+55.00		79.0
I-74, WB LT SHDR	1223+23.31	1231+55.00		74.7
I-74, EB RT SHDR	1223+02.33	1231+55.00		83.1
I-74, EB LT SHDR	1223+02.33	1231+55.00		77.3
NEIL ST. EXIT RAMP				
LT	120+35.00	123+50.00		11.5
RT	116+74.14	121+11.54		53.9
NEIL ST. ENTRANCE RAMP				
EB	157+84.00	163+27.57		45.6
I-74				
WB RT SHDR	1193+86.50	1198+83.39	Stage 2A	98.9
WB LT SHDR	1193+86.50	1198+83.39	Stage 2B	45.5
EB RT SHDR	1193+86.50	1198+83.39	Stage 1A	25.1
EB LT SHDR	1193+86.50	1198+83.39	Stage 1B	43.8
I-74				
WB RT SHDR	1201+29.06	1204+40.00	Stage 2A	29.5
WB LT SHDR	1201+29.06	1204+40.00	Stage 2A	28.7
I-74				
WB RT SHDR	1208+79.17	1214+98.02	Stage 2A	61.1
WB LT SHDR	1208+79.17	1214+98.02	Stage 2A	53.5
I-74				
WB RT SHDR	1223+23.31	1225+25.00	Stage 2A	18.8
WB LT SHDR	1223+23.31	1225+25.00	Stage 2B	18.3
I-74				
EB LT SHDR	1223+02.33	1225+25.00	Stage 1B	20.0
NEIL ST. EXIT RAMP				
WB RT SHDR	0121+75.00	0123+50.00	Stage 2A	42.3
NEIL ST. ENTRANCE RAMP				
EB RT SHDR	0158+29.79	0163+27.57	Stage 1B	44.7
TEMPORARY CROSSEOVERS				
WB LT SHDR	1193+86.50	1198+83.39	Stage 1B	82.3
WB LT SHDR	1223+02.33	1225+25.00	Stage 1B	35.6

MODEL: Default
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 exp U.S. Services Inc.
 CHICAGO, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

FILE NAME =	USER NAME = onealm	DESIGNED - JP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
D570C64-sht-schedule-002.dgn		DRAWN - JP	REVISED -			74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	16	
PLOT SCALE = 2,000' / in.		CHECKED - DH	REVISED -			CONTRACT NO. 70C64					
PLOT DATE = 11/15/2019		DATE - 10/16/2019	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
						ILLINOIS FED. AID PROJECT					

MODEL: Default
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**PAVEMENT CONNECTOR (HMA)
FOR BRIDGE APPROACH SLAB 479 SQ YD**

LOCATION	STA	STA	
I-74 WB	1214+98.02	1215+26.74	120.4
I-74 EB	1214+76.70	1215+05.43	120.5
I-74 WB	1222+94.74	1223+23.31	118.8
I-74 EB	1222+73.72	1223+02.33	119.5

**PAVEMENT CONNECTOR (PCC)
FOR BRIDGE APPROACH SLAB 519 SQ YD**

LOCATION	STA	STA	
I-74 WB	1198+82.92	1199+03.85	141.7
I-74 EB	1198+83.24	1199+03.85	127.2
I-74 WB	1201+08.35	1201+28.99	126.1
I-74 EB	1201+08.35	1201+28.93	124.1

PROTECTIVE COAT 6239 SQ YD

ITEM	LOCATION	STA	STA	
BARRIER BASE				
X4401982	I-74 C.L.	1190+45	1194+82	404
X4401983	I-74 C.L.	1194+82	1199+04	369
	I-74 C.L.	1201+08	1215+08	1170
	I-74 C.L.	1222+92	1231+06	661

CONCRETE BARRIER, SINGLE FACE

63700180	I-74 EB	1190+45	1194+82	397
	I-74 WB	1190+45	1194+82	397

CONCRETE BARRIER, DOUBLE FACE

63700280	I-74 C.L.	1194+82	1199+04	423
	I-74 C.L.	1201+08	1215+08	1404
	I-74 C.L.	1222+92	1230+94	804
	I-74 C.L.	1230+94	1231+06	11

CONCRETE MEDIAN SURFACE, 4 INCH

60618300	I-74 C.L.	1190+45.00	1194+82.25	198
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PAVEMENT REMOVAL 145 SQ YD

LOCATION	STA	STA	
			PAVEMENT NEAR ICRR/OAK ST. BRIDGE
I-74 EB	1214+77.00	1215+00.00	71.0
I-74 WB	1214+98.00	1215+24.00	74.3

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" 20943 SQ YD

LOCATION	STA	STA	STAGE	
I-74				
WB RT SHDR	1188+60.00	1198+83.39	Pre-Stage 1A	2059
WB LT SHDR	1189+60.00	1198+83.39	Pre-Stage 2	1089
EB RT SHDR	1188+60.00	1198+83.39	Pre-Stage 1B	853
EB LT SHDR	1189+60.00	1198+83.39	Pre-Stage 2	971
I-74				
WB RT SHDR	1201+29.06	1208+79.17	Pre-Stage 1A	858
WB LT SHDR	1201+29.06	1208+79.17	Pre-Stage 2	822
EB RT SHDR	1201+29.06	1208+79.17	Stage 1A	800
EB LT SHDR	1201+29.06	1208+79.17	Stage 1A	851
I-74				
WB RT SHDR	1223+23.31	1231+55.00	Pre-Stage 1A	938
WB LT SHDR	1223+23.31	1231+55.00	Pre-Stage 2	889
EB RT SHDR	1223+02.33	1231+55.00	Stage 1A	989
EB LT SHDR	1223+02.33	1231+55.00	Pre-Stage 2	921

(CONTINUED ON NEXT COLUMN)

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" 20943 SQ YD

LOCATION	STA	STA	STAGE	
NEIL ST. EXIT RAMP				
WB RT SHDR	0116+74.54	WB RT SHDR	Pre-Stage 1A	363
WB RT SHDR	0120+35.00	WB RT SHDR	Pre-Stage 1A	283
NEIL ST. ENTRANCE RAMP				
EB RT SHDR	0157+84.00	EB RT SHDR	Pre-Stage 1B	545
I-74				
WB RT SHDR	1193+86.50	WB RT SHDR	Stage 2A	1177
WB LT SHDR	1193+86.50	WB LT SHDR	Stage 2B	542
EB RT SHDR	1193+86.50	EB RT SHDR	Stage 1A	298
EB LT SHDR	1193+86.50	EB LT SHDR	Stage 1B	522
I-74				
WB RT SHDR	1201+29.06	WB RT SHDR	Stage 2A	351
WB LT SHDR	1201+29.06	WB LT SHDR	Stage 2A	342
I-74				
WB RT SHDR	1208+79.17	WB RT SHDR	Stage 2A	727
WB LT SHDR	1208+79.17	WB LT SHDR	Stage 2A	636
I-74				
WB RT SHDR	1223+23.31	WB RT SHDR	Stage 2A	224
WB LT SHDR	1223+23.31	WB LT SHDR	Stage 2B	218
EB LT SHDR	1223+02.33	EB LT SHDR	Stage 1B	238
NEIL ST. EXIT RAMP				
WB RT SHDR	0121+75.00	WB RT SHDR	Stage 2A	503
NEIL ST. ENTRANCE RAMP				
EB RT SHDR	0158+29.79	EB RT SHDR	Stage 1B	532
TEMPORARY CROSSOVERS				
WB LT SHDR	1193+86.50	WB LT SHDR	Stage 1B	980
WB LT SHDR	1223+02.33	WB LT SHDR	Stage 1B	424

HOT-MIX ASPHALT SURFACE REMOVAL, 2" 19632 SQ YD

LOCATION	STA	STA	
I-74			
I-74 WB	1188+60.00	1198+83.39	2638.7
I-74 EB	1189+60.00	1198+83.39	2373.9
I-74			
I-74 WB	1201+29.06	1208+79.17	2929.4
I-74 EB	1201+29.06	1208+79.17	2945.6
I-74			
I-74 WB	1223+23.31	1231+55.00	3291.0
I-74 EB	1223+02.33	1231+55.00	3347.5
NEIL ST. EXIT RAMP			
WB	116+74.54	123+50.00	1181.0
NEIL ST. ENTRANCE RAMP			
EB	157+84.00	163+27.57	924.4

HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2" 2658 SQ YD

LOCATION	STA	STA	
I-74			
WB	1208+79.17	1214+98.02	727
WB	1208+79.17	1214+98.02	636
EB	1208+79.17	1214+76.70	650
EB	1208+79.17	1214+76.70	645

HOT-MIX ASPHALT SURFACE REMOVAL, 4" 4792 SQ YD

LOCATION	STA	STA	
I-74			
I-74 WB	1208+79.17	1214+98.02	2422.9
I-74 EB	1208+79.17	1214+76.70	2369.4

CURB REMOVAL 4462 FOOT

LOCATION	STA	STA	
I-74 WB	1197+96	1199+16	120
I-74 WB	1200+96	1215+24	1428
I-74 WB	1223+15	1229+97	682
I-74 EB	1198+02	1199+16	114
I-74 EB	1200+98	1214+87	1389
I-74 EB	1222+72	1230+01	729

PAVED SHOULDER REMOVAL 520 SQ YD

LOCATION	STA	STA	
LT SHOULDER @ NEIL ST. EXIT RAMP			
WB	120+35	123+42	129.4
I-74 AT EB/WB TRUSS SIGN LOCATION			
EB	1198+01.75	1198+13.75	1.7
WB	1198+01.75	1198+13.75	1.7
SHDRS NEAR MARKET ST. BRIDGE			
WB RT SHDR	1198+83.39	1199+16.00	22.6
WB LT SHDR	1198+83.39	1199+16.00	37.7
EB LT SHDR	1198+83.39	1199+16.00	31.9
EB RT SHDR	1198+83.39	1199+16.00	28.6
WB RT SHDR	1200+96.00	1201+29.06	36.7
WB LT SHDR	1200+96.00	1201+29.06	35.4
EB LT SHDR	1200+96.00	1201+29.06	32.6
EB RT SHDR	1200+96.00	1201+29.06	33.7
SHDRS NEAR ICRR/OAK ST. BRIDGE			
WB RT SHDR	1214+98.02	1223+24.00	30.5
WB LT SHDR	1214+98.02	1215+10.69	11.9
EB LT SHDR	1214+76.70	1215+04.33	28.4
EB RT SHDR	1214+76.70	1214+90.48	11.2
WB RT SHDR	1223+15.00	1223+23.31	9.5
WB LT SHDR	1223+22.89	1223+23.31	0.4
EB LT SHDR	1222+99.76	1223+02.33	2.4
EB RT SHDR	1222+72.00	1223+02.33	34.2

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" 3 EACH

STATION	OFFSET	LT/RT	
1200+94	130	LT	1
1215+00	123.1	RT	1
1215+39	136.4	LT	1

CONCRETE COLLAR 4 CU YD

STATION	OFFSET	LT/RT	
1199+38	66.5	LT	0.44
1199+38	64	RT	0.44
1200+74	64	LT	0.44
1200+74	64	RT	0.44
1215+24	64	RT	0.44
1215+67	64.5	LT	0.44
1222+35	64	RT	0.44
1222+77	64	LT	0.44

FILE NAME = D570C64-sht-schedule-003.dgn	USER NAME = onealm	DESIGNED - JP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. RTE. = 74	SECTION = (14-1)BR, (14HB-2)BR-1	COUNTY = CHAMPAIGN	TOTAL SHEETS = 201	SHEET NO. = 17	
PLOT SCALE = 2,0000' / in.	CHECKED - DH	REVISED -	SCALE:			SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 70C64			
PLOT DATE = 11/15/2019	DATE = 10/16/2019	REVISED -	ILLINOIS FED. AID PROJECT								

55100500 STORM SEWER REMOVAL 12" 208 FOOT

LOCATION	STA	LT/RT	
IL 74	1199+20	LT	53
IL 74	1200+90	LT	46
IL 74	1215+30	LT	48
IL 74	1222+80	LT	61

58600100 SAND BACKFILL 233 CU YD

LOCATION	STA	STA	
I-74 C.L.	1190+45	1193+85	22.9
I-74 C.L.	1190+45	1190+57	8.5
I-74 C.L.	1190+57	1194+82	202.1

60100945 PIPE DRAINS 12" 608 FOOT

STA	STA	LT/RT	
1199+37.77	1199+41.97	LT	65
1199+37.77	1199+38.24	RT	38
1200+74.44	1200+93.86	LT	80
1200+74.86	1200+74.57	RT	49
1200+74.57	1200+40.77	RT	40
1215+23.50	1215+00.71	RT	73
1215+66.57	1215+39.41	LT	88
1222+34.50	1222+66.22	RT	65
1222+77.15	1223+11.60	LT	67
1223+08.16	1222+66.22	RT	43

60240301 INLETS, TYPE B, TYPE 8 GRATE 2 EACH

STATION	OFFSET	LT/RT	
1223+08.00	110.89	RT	1
1223+28.16	112.6	LT	1

60618300 CONCRETE MEDIAN SURFACE, 4 INCH 1779 SQ FT

LOCATION	STA	STA	
I-74 C.L.	1190+45.00	1194+82.25	1779

61000050 CONCRETE THRUST BLOCKS 8 EACH

STA	OFFSET	LT/RT	
1199+41	115.2	LT	1
1199+38	89.7	RT	1
1200+86	104.6	LT	1
1200+75	99.0	RT	1
1215+03	116.4	RT	1
1215+41	131.1	LT	1
1222+63	106.6	RT	1
1223+09	106.6	LT	1

63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS 2142 FOOT

LOCATION	STA	STA	
I-74 WB	1204+42.75	1208+77.06	434.3
I-74 EB	1204+42.75	1208+75.17	432.4
I-74 WB	1225+25.21	1233+25.21	800.0
I-74 EB	1225+23.11	1229+98.11	475.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2 2 EACH

LOCATION	STA	STA	
NEIL ST EXIT RAMP	118+88.82	119+01.32	1
I-74 EB	1229+98.11	1230+10.61	1

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6 8 EACH

LOCATION	STA	STA	
I-74 WB	1198+86.70	1199+24.20	1
I-74 EB	1198+88.50	1199+26.00	1
I-74 WB	1200+74.20	1201+11.70	1
I-74 EB	1200+75.95	1201+13.45	1
I-74 WB	1215+20.75	1215+58.25	1
I-74 EB	1214+83.56	1215+21.06	1
I-74 WB	1222+80.45	1223+17.95	1
I-74 EB	1222+41.84	1222+79.34	1

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 2 EACH

LOCATION	STA	STA	
EB	158+62.27	159+12.94	1
WB	1233+25.21	1233+75.21	1

63200310 GUARDRAIL REMOVAL 5214 FOOT

LOCATION	STA	STA	
WB	1195+35.38	1199+22.89	389
WB	1200+87.12	1215+34.82	1448
WB	1223+02.19	1230+55.31	753
EB	1194+60.06	1199+25.37	465
EB	1200+89.56	1214+97.74	1408
EB	1222+65.40	1230+16.47	751

63700180 CONCRETE BARRIER, SINGLE FACE, 44 INCH HEIGHT 850 FOOT

LOCATION	STA	STA	
I-74 EB	1190+57.00	1194+00.00	343.0
I-74 WB	1190+57.00	1194+00.00	343.0
I-74 EB	1194+00.00	1194+82.00	82.0
I-74 WB	1194+00.00	1194+82.00	82.0

63700280 CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT 2458 FOOT

LOCATION	STA	STA	
I-74 EB	1195+15.00	1195+91.00	76.0
I-74 EB	1195+99.00	1197+86.75	187.8
I-74 EB	1198+28.75	1198+46.00	17.3
I-74 EB	1198+54.00	1199+03.85	49.9
I-74 EB	1201+08.35	1201+11.00	2.6
I-74 EB	1201+19.00	1203+11.00	192.0
I-74 EB	1203+19.00	1205+61.00	242.0
I-74 EB	1205+69.00	1208+11.00	242.0
I-74 EB	1208+19.00	1209+00.00	81.0
I-74 EB	1209+00.00	1210+61.00	161.0
I-74 EB	1210+69.00	1213+11.00	242.0
I-74 EB	1213+19.00	1215+06.73	187.7
I-74 EB	1222+93.46	1224+00.00	106.5
I-74 EB	1224+00.00	1224+81.00	81.0
I-74 EB	1224+89.00	1227+31.00	242.0
I-74 EB	1227+39.00	1229+81.00	242.0
I-74 EB	1229+89.00	1230+94.00	105.0

63800920 MODULAR GLARE SCREEN SYSTEM, TEMPORARY 11046 FOOT

STA	STA	TMB/TWB	
STAGE 1A			
1190+15	1229+01	TMB	3886
1193+60	1224+00	TWB	3040
STAGE 2A			
1190+20	1229+20	TMB	3900
1225+00	1227+20	TWB	220
TMB	Temporary Median Barrier		
TWB	Temporary Workzone Barrier		

64200116 SHOULDER RUMBLES STRIPS, 16 INCH 11172 FOOT

LOCATION	STA	STA	
I-74 EB	1189+60	1192+92	332
I-74 EB	1189+60	1194+00	440
I-74 WB	1188+60	1194+00	540
I-74 WB	1188+60	1194+00	540
I-74 EB	1194+00	1198+83	483
I-74 EB	1201+29	1209+00	771
I-74 EB	1201+29	1209+00	771
I-74 WB	1194+00	1194+33	33
I-74 WB	1201+29	1209+00	771
I-74 WB	1201+29	1209+00	771
I-74 EB	1209+00	1214+77	577
I-74 EB	1209+00	1214+77	577
I-74 WB	1209+00	1214+98	598
I-74 WB	1209+00	1214+98	598
I-74 EB	1223+02	1224+00	98
I-74 EB	1223+02	1224+00	98
I-74 WB	1223+23	1224+00	77
I-74 WB	1223+23	1224+00	77
I-74 EB	1224+00	1231+55	755
I-74 EB	1224+00	1231+55	755
I-74 WB	1224+00	1231+55	755
I-74 WB	1224+00	1231+55	755

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 exp U.S. Services Inc.
 CHICAGO, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

FILE NAME =	USER NAME = onealm	DESIGNED - JP	REVISED -
D570C64-sht-schedule-004.dgn		DRAWN - JP	REVISED -
PLOT SCALE = 2,0000 ' / in.		CHECKED - DH	REVISED -
PLOT DATE = 11/15/2019		DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	18
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

70300908 PAVEMENT MARKING TAPE, TYPE IV, 8" 7740 FOOT

LOCATION	STA	STA	LINE DESCRIPTION	
PRE-STAGE 1A				
WB 174	1199+00.00	1204+00.00	WHITE	500
WB 174	1199+00.00	1201+43.00	WHITE	486
WB 174	1237+00.00	1244+00.00	WHITE	700
WB 174	1242+00.00	1244+00.00	WHITE	400
PRE-STAGE 2				
WB 174	1195+00.00	1200+00.00	WHITE	500
WB 174	1195+00.00	1197+00.00	WHITE	400
WB 174	1238+00.00	1244+00.00	WHITE	600
WB 174	1242+70.00	1244+00.00	WHITE	260
STAGE 1				
WB 174	1241+87.97	1244+00.00	GORE	424
RAMP				
RAMP	1195+34.00	1199+54.00	GORE	420
RAMP	1195+34.00	1197+05.40	GORE	171
STAGE 2				
WB 174	1241+88.00	1244+00.00	GORE	424
WB 174	1241+88.00	1244+00.00	GORE	424
RAMP	119+00.00	120+50.00	GORE	300
RAMP	117+00.00	120+50.00	GORE	350
STAGE 2B				
EB 174	1192+92.25	1193+37.12	GORE	45
EB 174	1193+37.12	1198+54.80	GORE	1035
EB 174	1198+54.80	1201+54.80	GORE	300

70300912 PAVEMENT MARKING TAPE, TYPE IV, 12" 352 FOOT

LOCATION	STA	STA	LINE DESCRIPTION	
PRE-STAGE 2				
RAMP	1195+34.00	1197+05.40	GORE DIAGONALS	90
STAGE 1				
	1241+87.97	1244+00.00	GORE DIAGONALS	36
RAMP				
RAMP	1195+34.00	1197+05.40	GORE DIAGONALS	30
STAGE 2				
	1241+88.00	1244+00.00	GORE DIAGONALS	36
RAMP				
RAMP	1195+34.00	1197+05.40	GORE DIAGONALS	160

70400100 TEMPORARY CONCRETE BARRIER 6946 FOOT

STA	STA	TMB/TWB	
STAGE 1A			
1190+15	1229+01	TMB	3886
1193+60	1224+00	TWB	3040
STAGE 2A			
1227+00	1227+20	TWB	20
Temporary Median Barrier			
Temporary Workzone Barrier			

70400200 RELOCATE TEMPORARY CONCRETE BARRIER 7125 FOOT

STAGE	RELOCATED FROM	LOCATION	STA	STA	
STAGE 1B					
STAGE 1A	CENTERLINE	1190+15	1196+65	650	
STAGE 1A	CENTERLINE	1224+00	1231+00	700	
STAGE 2A					
WINTER STAGE	30' RT CROSSOVER	1190+20	1229+20	3900	
		1225+00	1227+00	200	
STAGE 2B					
STAGE 2A	CROSSOVER	1190+45	1199+07	863	
	CROSSOVER	1222+94	1231+06	813	

70600250 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3 2 EACH

STAGE	STA	
STAGE 1	1192+72	1
STAGE 2	1228+00	1

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS 52 SQ FT

LOCATION	STA	OFFSET	
NB NEIL ST	24+03	LT	26
NB NEIL ST	24+45	LT	26

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4" 19010 FOOT

LOCATION	STA	STA	
1-74 EB	1187+75	1192+92	1034
1-74 EB	1192+92	1198+83	591
1-74 EB	1201+29	1209+00	1542
1-74 WB	1181+02	1194+33	2662
1-74 WB	1194+33	1200+35	602
1-74 WB	1201+08	1209+00	1584
ENTRANCE RAMP	157+84	163+47	563
EXIT RAMP	116+54	120+36	382
EXIT RAMP	120+36	123+42	612
1-74 EB	1209+00	1214+96	1192
1-74 EB	1222+83	1234+65	2364
1-74 WB	1209+00	1215+17	1234
1-74 WB	1223+04	1239+00	3192
1-74 WB	1239+00	1244+05	1010
1-74 WB	1244+05	1245+93	188
1-74 WB	1245+93	1247+22	258

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8" 3468 FOOT

LOCATION	STA	STA	
1-74 EB	1192+92	1198+83	591
1-74 EB	1201+29	1201+55	26
1-74 WB	1194+33	1198+83	450
1-74 WB	1201+29	1203+35	206
ENTRANCE RAMP	157+84	162+99	515
EXIT RAMP	116+74	120+36	362
1-74 WB	1236+90	1239+90	300
1-74 WB	1239+90	1244+05	830
1-74 WB	1244+05	1245+93	188

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12" 830 FOOT

LOCATION	STA	STA	
1-74 WB	1188+89	1199+04	830

78003110 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4" 3495 FOOT

LOCATION	STA	STA	
1-74 EB	1187+75	1198+83	277
1-74 EB	1201+29	1201+55	7
1-74 EB	1201+55	1209+00	373
1-74 WB	1181+02	1198+83	445
1-74 WB	1201+29	1203+35	52
1-74 WB	1203+35	1209+00	141
1-74 EB	1209+00	1214+96	298
1-74 EB	1222+83	1234+65	591
1-74 WB	1209+00	1215+17	309
1-74 WB	1223+04	1239+00	798
1-74 WB	1239+00	1247+22	206

78008310 POLYUREA PAVEMENT MARKING TYPE II - LINE 4" 5042 FOOT

LOCATION	STA	STA	
1-74 EB	1198+83	1201+29	492
1-74 WB	1198+83	1201+29	492
1-74 EB	1198+83	1201+29	62
1-74 WB	1198+83	1201+29	62
1-74 EB	1214+96	1222+83	1574
1-74 WB	1215+17	1223+04	1574
1-74 EB	1214+96	1222+83	394
1-74 WB	1215+17	1223+04	394

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FILE NAME = D570C64-sht-schedule-006.dgn	USER NAME = onealm	DESIGNED - AZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. RTE. = 74	SECTION = (14-1)BR, (14HB-2)BR-1	COUNTY = CHAMPAIGN	TOTAL SHEETS = 201	SHEET NO. = 20		
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 2,000' / in.	CHECKED - DH	REVISED -			CONTRACT NO. 70C64						
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 11/15/2019	DATE = 10/16/2019	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			

**TEMPORARY RUMBLE STRIPS
(SPECIAL) 16 EACH**

LOCATION	STA	STA	QTY
I-74 WB 5 Miles from Taper			4
I-74 WB 1 Mile from Taper			4
I-74 EB 5 Miles from Taper			4
I-74 EB 1 Mile from Taper			4

**X4401198 HOT-MIX ASPHALT SURFACE
REMOVAL, VARIABLE DEPTH 781 SQ YD**

LOCATION	STA	STA	QTY
TEMPORARY CROSSOVERS			
WB LT SHDR	1193+86.50	1198+83.39	540.3
WB LT SHDR	1222+93.44	1225+25.00	240.7

X4401981 CONCRETE BARRIER BASE REMOVAL 23794 SQ FT

LOCATION	STA	STA	QTY
I-74	1190+45.00	1198+01.75	6132
I-74	1198+13.75	1199+34.38	871
I-74	1200+77.91	1209+00.00	6005
I-74	1209+00.00	1215+38.10	4812
I-74	1222+62.23	1231+06.00	5974

**X4401982 CONCRETE BARRIER REMOVAL,
SINGLE FACE 874 FOOT**

* SEE PAY ITEM # 63700180 850 +24 874

**X4401983 CONCRETE BARRIER REMOVAL,
DOUBLE FACE 2744 FOOT**

LOCATION	STA	STA	QTY
I-74 EB	1194+82.00	1198+01.75	319.8
I-74 EB	1198+13.75	1199+34.38	120.6
I-74 EB	1200+77.90	1209+00.00	822.1
I-74 EB	1209+00.00	1215+38.10	638.1
I-74 EB	1222+62.80	1224+00.00	137.2
I-74 EB	1224+00.00	1231+06.00	706.0

**X4402020 CONCRETE MEDIAN
SURFACE REMOVAL 1779 SQ FT**

* SEE PAY ITEM # 60618300 1779

X6013600 PIPE UNDERDRAINS 4" (MODIFIED) 513 FOOT

LOCATION	STA	STA	QTY
I-74 EB	1190+45	1193+00	255
I-74 WB	1190+45	1193+00	255
I-74 C.L.	1193+00		3

X6050700 REMOVE INLET BOX 12 EACH

LOCATION	STA	STA	QTY
IL 74	1199+20	LT	1
IL 74	1199+20	RT	1
IL 74	1200+90	LT	1
IL 74	1200+90	RT	1
IL 74	1215+30	LT	1
IL 74	1214+90	RT	1
IL 74	1222+60	RT	1
IL 74	1223+20	LT	1
IL 74	1199+20	CL	1
IL 74	1200+90	CL	1
IL 74	1215+30	CL	1
IL 74	1222+60	CL	1

X6062400 CONCRETE GUTTER (SPECIAL) 24 FOOT

LOCATION	STA	STA	QTY
I-74 EB INSIDE	1198+01.75	1198+13.75	12
I-74 WB INSIDE	1198+01.75	1198+13.75	12

**X6370090 CONCRETE BARRIER BASE,
SINGLE FACE 874 FOOT**

* SEE PAY ITEM # X4401982 874

**X6370091 CONCRETE BARRIER BASE,
DOUBLE FACE 2621 FOOT**

LOCATION	STA	STA	QTY
I-74 EB	1194+82.00	1198+01.75	319.8
I-74 EB	1198+13.75	1199+03.85	90.1
I-74 EB	1201+08.35	1209+00.00	791.6
I-74 EB	1209+00.00	1215+06.73	606.7
I-74 EB	1222+93.46	1224+00.00	106.5
I-74 EB	1224+00.00	1231+06.00	706.0

**X7030005 TEMPORARY PAVEMENT
MARKING REMOVAL 52421 SQ FT**

PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	61.0
PAVEMENT MARKING TAPE, TYPE IV 4"	34594.7
PAVEMENT MARKING TAPE, TYPE IV 8"	5160.0
PAVEMENT MARKING TAPE, TYPE IV 12"	352.0
TEMPORARY PAVEMENT MARKING - LINE 4"	8268.3
TEMPORARY PAVEMENT MARKING - LINE 8"	3612.7
TEMPORARY PAVEMENT MARKING - LINE 12"	372.0

**XX104100 CONNECTION TO EXISTING
MANHOLE 5 EACH**

STA	OFFSET	LT/RT
1199+41.97	121.62	LT
1200+40.77	90.77	RT
1222+66.31	110.37	RT
1222+68.00	110.6	RT
1223+11.60	110.83	LT

Z0004552 APPROACH SLAB REMOVAL 2023 SQ YD

LOCATION	STA	STA	QTY
APPROACH PAVEMENT NEAR MARKET ST. BRIDGE			
WB	1198+83.27	1199+34.38	288.2
WB	1200+77.98	1201+29.10	244.2
EB	1198+83.47	1199+34.55	260.4
EB	1200+77.84	1201+28.95	248.4
APPROACH PAVEMENT NEAR ICRR/OAK ST. BRIDGE			
WB	1215+07.00	1215+57.61	195.8
WB	1222+63.59	1223+23.31	304.0
EB	1214+87.00	1215+36.84	203.7
EB	1222+41.49	1223+02.30	278.1

Z0023500 FILLING EXISTING CULVERTS 17 CU YD

LOCATION	STA	STA	QTY
IL 74	1199+20	LT	2.2
IL 74	1199+20	RT	1.6
IL 74	1200+90	LT	1.4
IL 74	1200+90	RT	1.6
IL 74	1215+30	LT	3.1
IL 74	1214+90	RT	2.7
IL 74	1223+20	LT	2.1
IL 74	1222+70	RT	2.2

Z0030850 TEMPORARY INFORMATION SIGNING 80 SQ FT

TEMPORARY GUIDE SIGNS	
"PROSPECT AVE 1 MILE"	32
"NEIL STREET EXIT ONLY"	32
OVERLAY PANEL FOR "EXIT ONLY" ON TEMP INFO SIGN	8
OVERLAY PANEL FOR "EXIT ONLY" ON CANTILEVER	8

Z0033700 LONGITUDINAL JOINT SEALANT 25882 FOOT

LOCATION	STA	STA	# APPS	QTY
I-74				
I-74 WB	1188+60.00	1198+83.39	3	3070.2
I-74 EB	1189+60.00	1198+83.39	3	2770.2
I-74				
I-74 WB	1201+29.06	1214+98.02	4	5475.8
I-74 EB	1201+29.06	1214+76.70	4	5390.6
I-74				
I-74 WB	1223+23.31	1231+55.00	4	3326.8
I-74 EB	1223+02.33	1231+55.00	4	3410.7
NEIL ST. EXIT RAMP				
WB	116+74.45	123+50.00	2	1351.1
NEIL ST. ENTRANCE RAMP				
EB	157+84.00	163+27.57	2	1087.1

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 exp U.S. Services Inc.
 Chicago, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

FILE NAME = D570C64-sht-schedule-008.dgn	USER NAME = onealm	DESIGNED - AZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. RTE. = 74	SECTION = (14-1)BR, (14HB-2)BR-1	COUNTY = CHAMPAIGN	TOTAL SHEETS = 201	SHEET NO. = 22	
PLOT SCALE = 2,0000 ' / in.	CHECKED - DH	REVISED -	SCALE:			SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 70C64			
PLOT DATE = 11/15/2019	DATE = 10/16/2019	REVISED -	ILLINOIS FED. AID PROJECT								

Z0062456 TEMPORARY PAVEMENT 2036 SQ YD

LOCATION	STA	STA	
TEMPORARY RAMP (PRE-STAGE 1A)			
1-74 WB/RAMP	120+35	122+90	528
CROSSOVERS (PRE-STAGE 2)			
1-74 EB/WB	1190+45	1198+84	857
1-74 EB/WB	1223+00	1231+06	651

25000400 NITROGEN FERTILIZER NUTRIENT 68 POUND

* SEE ITEM # 25000210 "SEEDING, CLASS 2A"

AREA (ACRE)	RATE (LB/ACRE)	
0.75	90	67.5

25000500 PHOSPHORUS FERTILIZER NUTRIENT 68 POUND

* SEE ITEM # 25000210 "SEEDING, CLASS 2A"

AREA (ACRE)	RATE (LB/ACRE)	
0.75	90	67.5

25000600 POTASSIUM FERTILIZER NUTRIENT 68 POUND

* SEE ITEM # 25000210 "SEEDING, CLASS 2A"

AREA (ACRE)	RATE (LB/ACRE)	
0.75	90	67.5

28000510 INLET FILTERS 6 EACH

FROM STA	OFFSET	LT/RT	
1199+38	95.31	RT	1
1200+75	105.04	RT	1
1222+66	110.37	RT	1
1223+12	110.83	LT	1
1223+08	110.89	RT	1
1223+28	112.6	LT	1

BITUMINOUS MATERIALS (PRIME COAT)

40300200 3 TON

LOCATION	STA	STA	
OAK ST	1220+98	1222+66	3.0

BITUMINOUS MATERIALS (COVER AND SEAL COATS)

40300400 11.9 TON

LOCATION	STA	STA	
OAK ST	1220+98	1222+66	5.95
OAK ST	1220+98	1222+66	5.95

40300500 COVER COAT AGGREGATE 35 TON

LOCATION	STA	STA	
OAK ST	1220+98	1222+66	35

40300600 SEAL COAT AGGREGATE 35 TON

LOCATION	STA	STA	
OAK ST	1220+98	1222+66	35

BITUMINOUS MATERIALS (PRIME COAT)

40600275 5974 POUND

ITEM NO.	AREA (SQ FT)	RATE (LB/SQ FT)	
40603085	1260	0.25	315
42000070	4311	0.25	1077.75
Z0062456	18324	0.25	4581

BITUMINOUS MATERIALS (TACK COAT)

40600290 24846 POUND

ITEM NO.	AREA (SQ FT)	RATE (LB/SQ FT)	
40603153	116341	0.05	5817
40603153	103493	0.025	2587
40603219	61099	0.05	3055
40603240	149020	0.05	7451
40603315	212334	0.025	5308
40603315	1228	0.05	61
42000070	4311	0.025	108
Z0062456	18324	0.025	458

PORTLAND CEMENT CONCRETE

42400200 SIDEWALK 5 INCH 50 SQ FT

LOCATION	STA	
Market St	1200+38	50

44000600 SIDEWALK REMOVAL 50 SQ FT

LOCATION	STA	
Market St	1200+38	50

60200805 CATCH BASINS TYPE A 2 EACH

STA	OFFSET	LT/RT	
1199+38.24	95.31	RT	1
1200+74.57	105.04	RT	1

60402210 GRATES, TYPE 8 2 EACH

STA	OFFSET	LT/RT	
1222+66.31	110.37	RT	1
1223+11.60	110.83	LT	1

63000003 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS 2825 FOOT

LOCATION	STA	STA	
WB EX NEIL	116+76.34	118+88.82	212.5
EB ENT NEIL	159+12.94	1198+81.98	412.5
1-74 WB	1201+30.25	1204+42.75	312.5
1-74 EB	1201+30.25	1204+42.75	312.5
1-74 WB	1208+77.06	1214+89.56	612.5
1-74 EB	1208+77.06	1214+89.56	612.5
1-74 WB	1223+50.21	1225+25.21	175.0
1-74 EB	1223+50.21	1225+25.21	175.0
1-74 WB	1223+10.61	1225+23.11	212.5
1-74 EB	1223+10.61	1225+23.11	212.5

63700380 CONCRETE BARRIER, VARIABLE CROSS SECTION 44 INCH HEIGHT 63 FOOT

LOCATION	STA	STA	
1-74	1194+82.00	1195+15.00	33.0
1-74	1197+86.75	1198+01.75	15.0
1-74	1198+13.75	1198+28.75	15.0

63700805 CONCRETE BARRIER TRANSITION 28 FOOT

LOCATION	STA	STA	
1-74 EB	1190+45.00	1190+53.00	8.0
1-74 WB	1190+45.00	1190+53.00	8.0
1-74	1230+94.00	1231+06.00	12.0

66407400 CHAIN LINK GATES, 6' X 8' DOUBLE 2 EACH

LOCATION	STA	STA	
1-74	1200+91.75	1200+95.89	1
1-74	1200+56.85	1200+57.43	1

70107025 CHANGEABLE MESSAGE SIGN 1958 CAL DA

STREET	DESCRIPTION	
1-74	Prior to construction	12
Neil St	Neil St Ent Ramp Closure (Year 1)	3
Neil St	Neil St Ent Ramp Closure (Year 1)	3
Full Closure of Market St During Beam Removal and Setting		
1 day for removal for each direction (EB and WB)		
Market St	Just north of Bradley Ave	8
Market St	Just south of Kenyon Rd	8
Market St	Just north of Anthony Dr	8
Market St	Just north of E. Marketview	8
3 days for setting for each direction (EB and WB)		
Market St	Just north of Bradley Ave	12
Market St	Just south of Kenyon Rd	12
Market St	Just north of Anthony Dr	12
Market St	Just north of E. Marketview	12
Full Closure of Oak St		
Closed During Bridge Work		
Oak St	Just north of Anthony Dr for SB Lincoln Av	371
Oak St	Just south of Anthony Dr for NB Lincoln Av	371
Oak St	Just south of W. Killarney St for NB Lincoln	371
Oak St	Just north of W. Killarney St for SB Lincoln	371
Oak St	Just north of Bradley Ave on Oak St	371
Full Closure of Exit Ramp to Neil St		
Stage 2B - Night-Time Closure		5

MODEL: Default
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 exp U.S. Services Inc.
 CHICAGO, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

FILE NAME = D570C64-sht-schedule-009.dgn	USER NAME = onealm	DESIGNED - AZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE. = 74	SECTION = (14-1)BR, (14HB-2)BR-1	COUNTY = CHAMPAIGN	TOTAL SHEETS = 201	SHEET NO. = 23
PLOT SCALE = 2,0000 ' / in.	CHECKED - DH	REVISED -	SCALE:						SHEET	OF	SHEETS	STA.	TO STA.
PLOT DATE = 11/15/2019	DATE = 10/16/2019	REVISED -								ILLINOIS FED. AID PROJECT			

CONTROL POINTS

POINT #	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
CP1	1262922.716	1012720.631	741.928	1220+73.70	151.85	IRON PIN
CP2	1263200.686	1012801.782	738.892	1221+58.81	-124.93	IRON PIN
CP3	1262916.140	1010680.265	737.618	1200+33.38	128.64	IRON PIN
CP4	1262978.219	1009662.548	743.420	1190+16.70	51.50	IRON PIN
CP5	1262982.939	1010744.327	754.306	1200+98.43	62.79	IRON PIN
CP6	1262998.744	1011757.042	763.672	1211+11.26	61.98	IRON PIN
CP7	1263020.774	1012725.281	768.393	1220+79.75	53.87	CHIS "X" IN DECK
CP8	1263026.310	1013690.022	741.827	1230+44.47	62.11	IRON PIN
CP9	1263151.037	1013706.382	741.348	1230+62.61	-62.37	IRON PIN
CP10	1263129.074	1012724.627	768.379	1220+80.64	-54.43	CHIS "X" IN DECK
CP11	1263123.956	1011757.319	763.684	1211+13.39	-63.22	IRON PIN
CP12	1263108.542	1010752.551	754.553	1201+08.51	-62.67	IRON PIN
CP13	1263085.335	1009662.197	743.696	1190+17.93	-55.61	IRON PIN
CP15	1263233.674	1013314.683	0.000	1226+72.13	-150.59	FOUND MON.
CP32	1263263.541	1010615.876	737.990	1199+74.14	-219.68	CHA MONUMENT

BENCHMARKS

BRASS DISK SET IN CONCRETE ALONG THE NORTH SIDE OF ANTHONY DRIVE.
STA. ±1223+71, 150' LT, ELEV.=734.35

I-74 ALIGNMENT

POINT #	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
23	1264109.244	1001808.237	1110+01.46	0.00	PCC (PSM)
48	1262950.847	1004332.819	1137+33.13	310.29	PI (IP)
28	1262991.952	1007110.174	1164+64.80	0.00	PT (PSM)
32	1263063.453	1011941.233	1212+96.39	0.00	PI KINK (PSM)
34	1263096.350	1014244.519	1235+99.91	0.00	PI KINK (PSM)
37	1263172.187	1019241.556	1285+97.53	0.00	PC (PSM)

MARKET ST ALIGNMENT

POINT #	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
61	1262630.495	1010655.610	10+30.11	0	POT
62	1263044.360	1010651.160	14+44.00	0	INTERSECTION PT
60	1263464.013	1010646.647	18+63.68	0	POT

NEIL ST/ RAMP "F"

POINT #	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
105	1263099.382	1010577.760	116+24.30	0	POT
106	1263111.098	1010364.732	118+37.65	0	PI KINK
P.C.	1263123.033	1010148.062	120+54.65	0	PC
P.I.	1263131.188	1009999.993	122+02.94	22.55LT	PI
P.T.	1263221.937	1009882.709	123+42.18	0	PT
P.C.	1263420.439	1009625.084	126+67.41	0	PC
P.I.	1263466.554	1009565.630	127+42.65	9.35	PI
P.T.	1263478.919	1009491.411	128+14.81	0	PT
100	1263509.472	1009308.759	130+00.00	0	POT

NEIL ST/ RAMP "H"

POINT #	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
94	1262604.529	1009318.928	150+00.00	0.00	POT
PC	1262606.035	1009433.090	151+14.17	0.00	PC
PI	1262606.866	1262606.866	151+98.69	15.35	PI
PT	1262663.132	1009580.667	152+75.87	0.00	PT
PC	1262850.676	1009790.773	155+57.50	0.00	PC
PI	1262969.029	1009923.363	157+35.23	31.15LT	PI
PT	1262975.210	1010100.984	158+98.58	0.00	PT
97	1262982.169	1010300.863	160+98.58	0.00	POT

NEIL ST ALIGNMENT

POINT #	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
7	1264024.509	1009302.971	4+99.93	0	POT
86	1263024.573	1009314.208	14+99.93	0	INTERSECTION
5	1261324.680	1009333.310	31+99.93	0	POT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

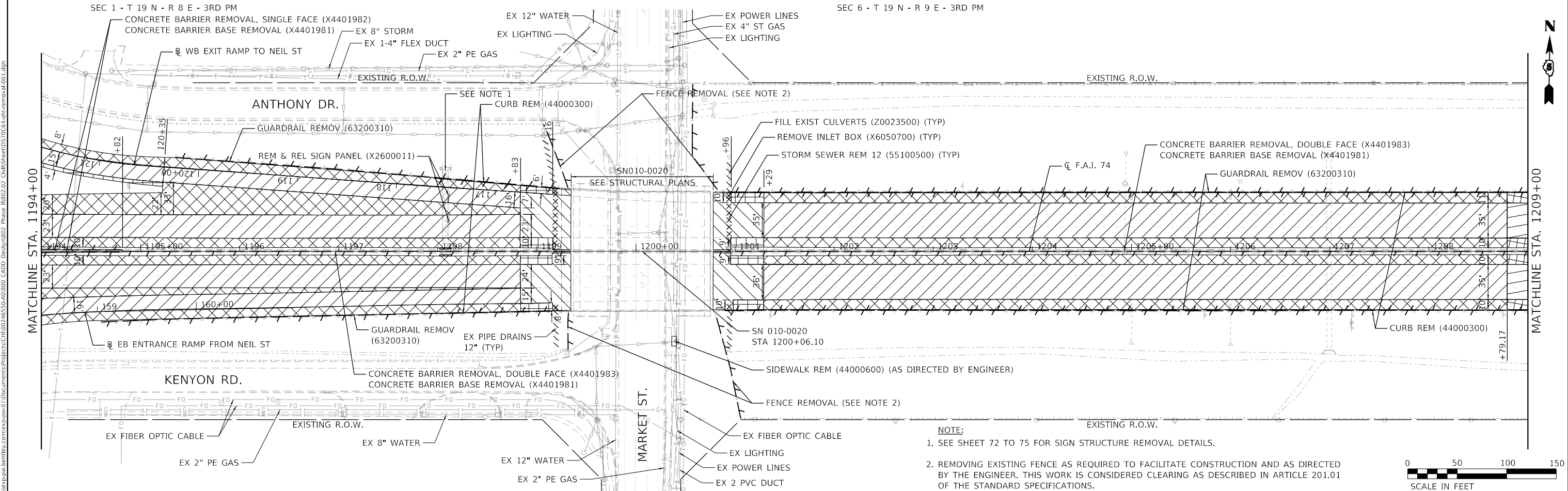
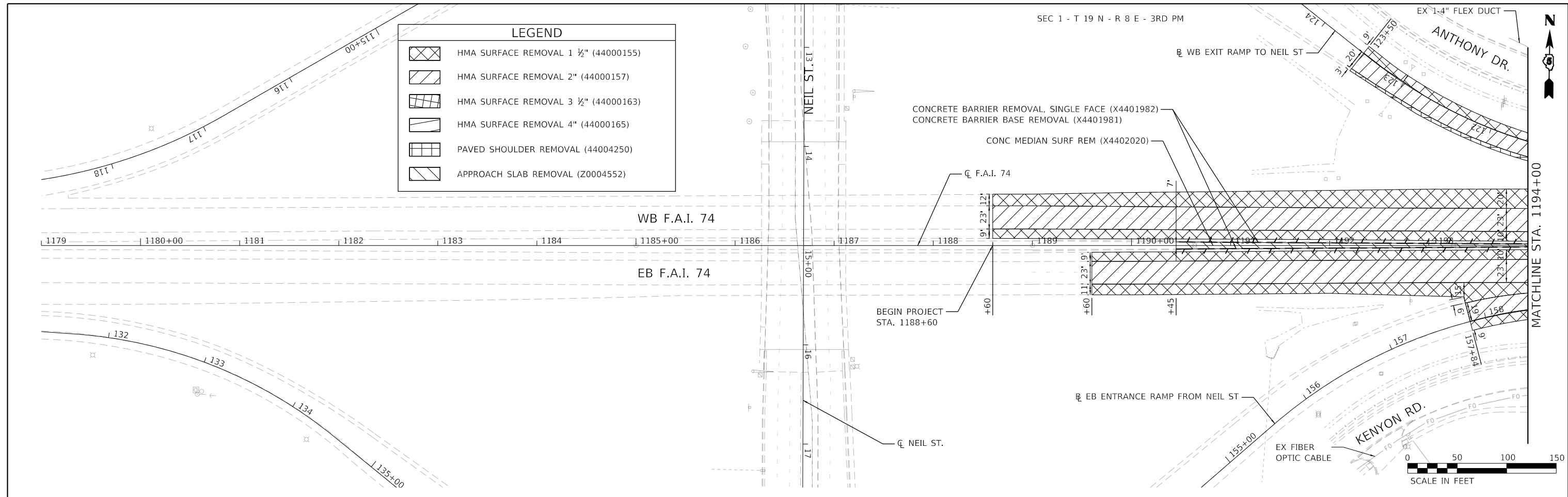
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	24
CONTRACT NO. 70C64				
ILLINOIS		FED. AID PROJECT		

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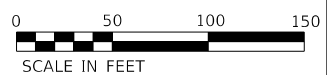
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 10/16/2019	DATE - 10/16/2019	REVISED -

LEGEND	
	HMA SURFACE REMOVAL 1 1/2" (44000155)
	HMA SURFACE REMOVAL 2" (44000157)
	HMA SURFACE REMOVAL 3 1/2" (44000163)
	HMA SURFACE REMOVAL 4" (44000165)
	PAVED SHOULDER REMOVAL (44004250)
	APPROACH SLAB REMOVAL (Z0004552)



NOTE:
 1. SEE SHEET 72 TO 75 FOR SIGN STRUCTURE REMOVAL DETAILS.
 2. REMOVING EXISTING FENCE AS REQUIRED TO FACILITATE CONSTRUCTION AND AS DIRECTED BY THE ENGINEER. THIS WORK IS CONSIDERED CLEARING AS DESCRIBED IN ARTICLE 201.01 OF THE STANDARD SPECIFICATIONS.



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 DESIGNED -
 DRAWN - JP
 CHECKED - DH
 DATE - 10/16/2019

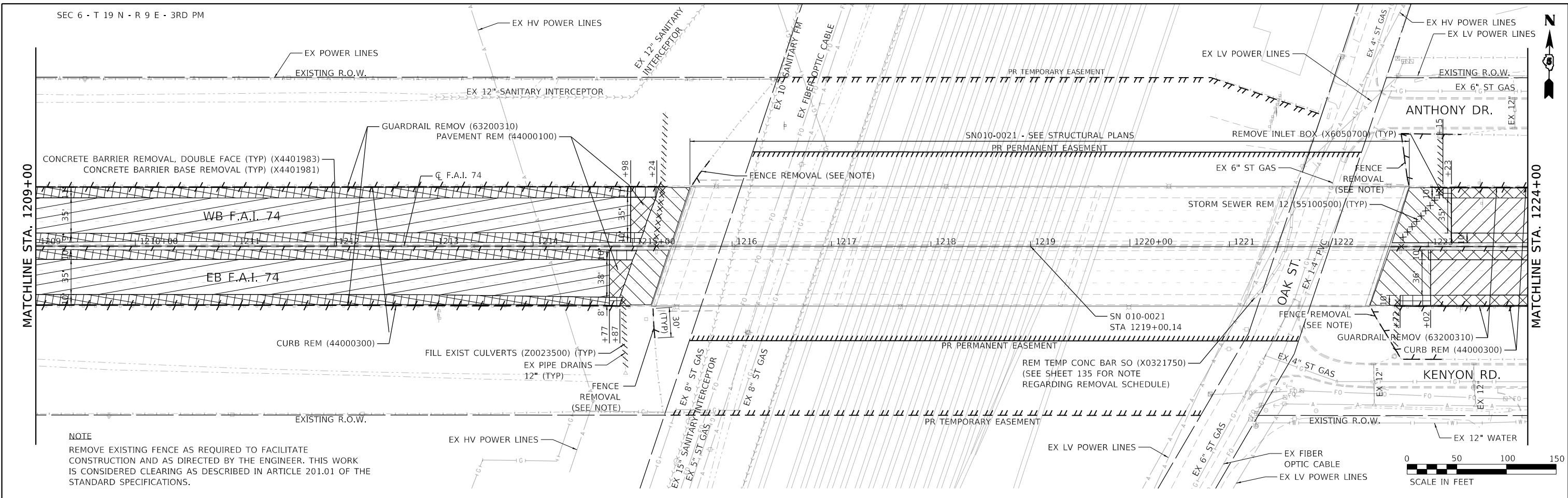
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

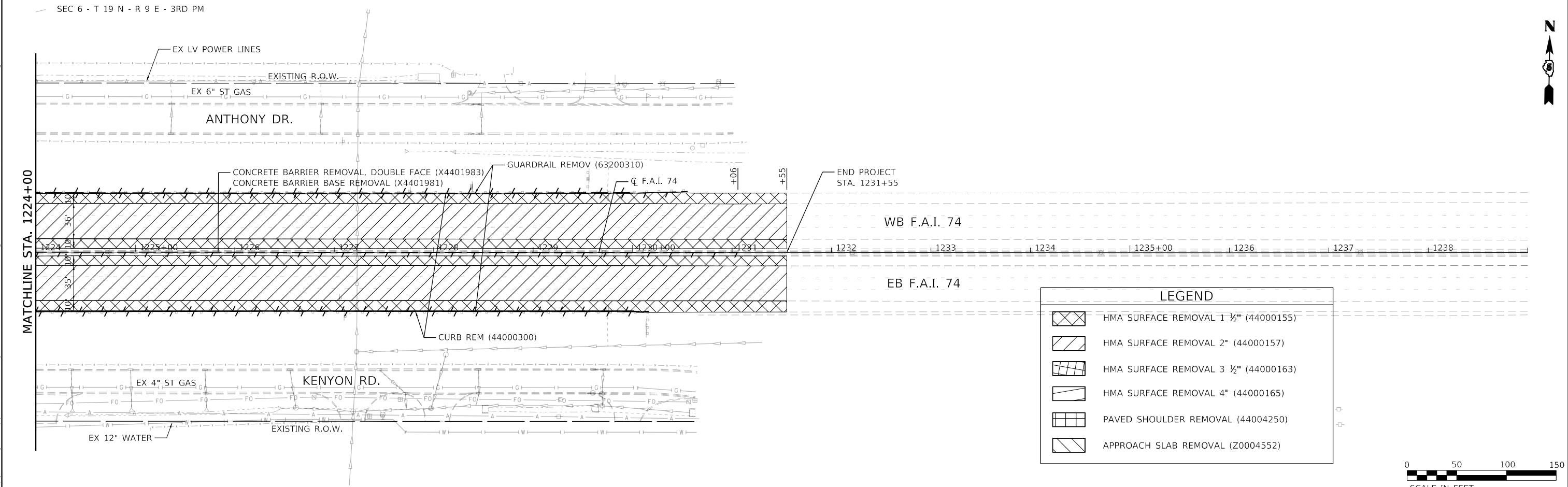
EXISTING CONDITIONS AND REMOVAL PLAN
F.A.I. 74
 SCALE: 1"=50' SHEET OF SHEETS STA. 1179+00 TO STA. 1209+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	25

CONTRACT NO. 70C64
 ILLINOIS FED. AID PROJECT



NOTE
 REMOVE EXISTING FENCE AS REQUIRED TO FACILITATE CONSTRUCTION AND AS DIRECTED BY THE ENGINEER. THIS WORK IS CONSIDERED CLEARING AS DESCRIBED IN ARTICLE 201.01 OF THE STANDARD SPECIFICATIONS.



LEGEND	
	HMA SURFACE REMOVAL 1 1/2" (44000155)
	HMA SURFACE REMOVAL 2" (44000157)
	HMA SURFACE REMOVAL 3 1/2" (44000163)
	HMA SURFACE REMOVAL 4" (44000165)
	PAVED SHOULDER REMOVAL (44004250)
	APPROACH SLAB REMOVAL (20004552)

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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 10/16/2019	CHECKED - DH	REVISED -
		DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS AND REMOVAL PLAN
 F.A.I. 74**

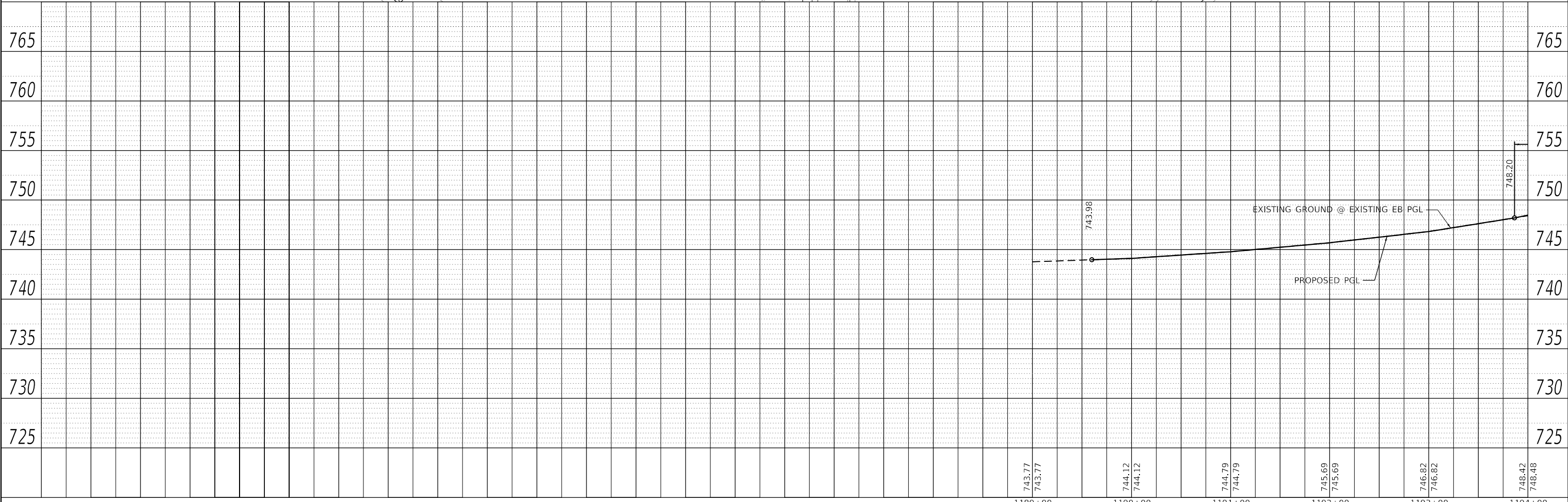
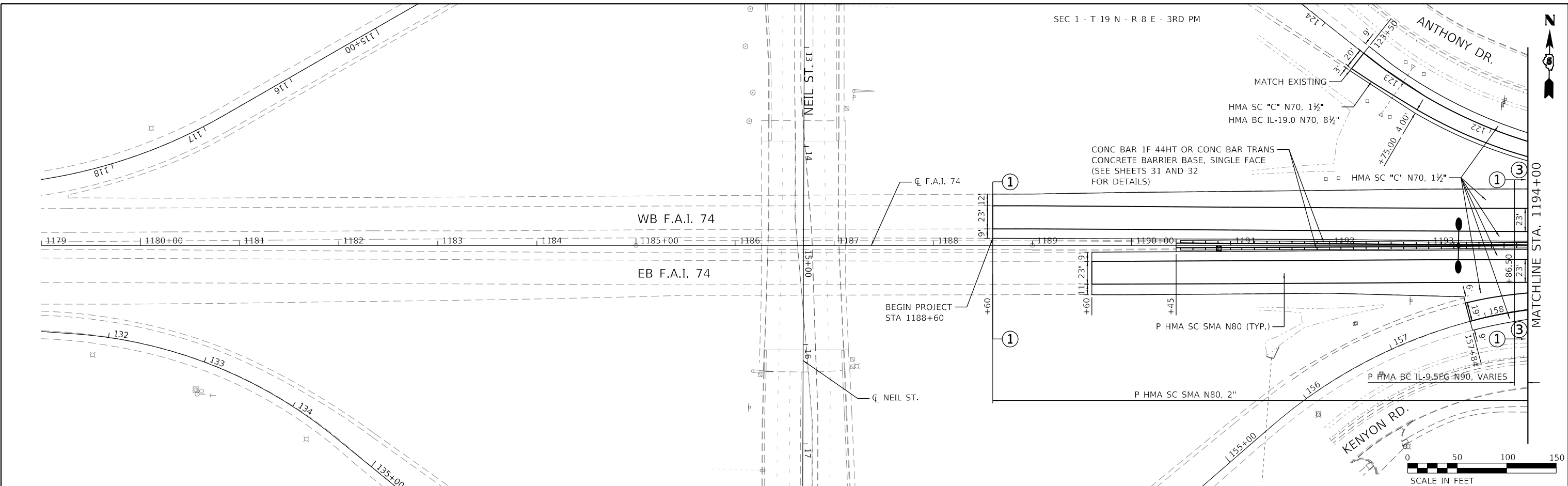
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	26
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

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	PLOTTED	BY
	ALIGNED	
	CHECKED	
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	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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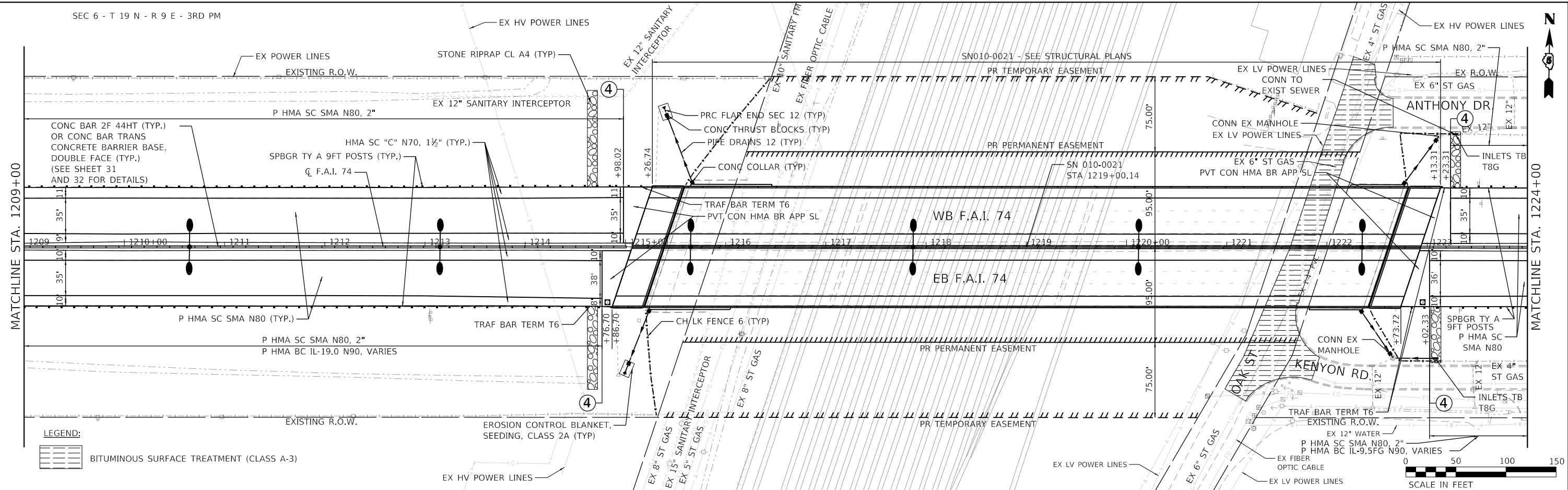
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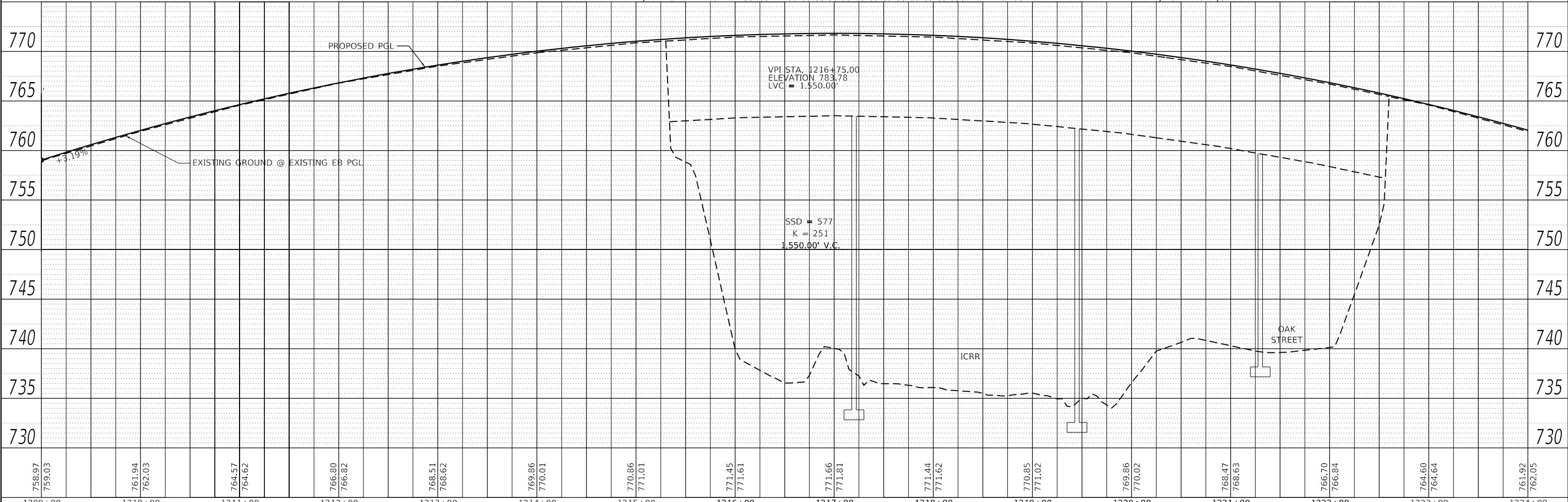
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 11/15/2019	DATE - 10/16/2019	REVISED -		ILLINOIS FED. AID PROJECT								

SEC 6 - T 19 N - R 9 E - 3RD PM

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
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PROFILE	SURVEYED	DATE
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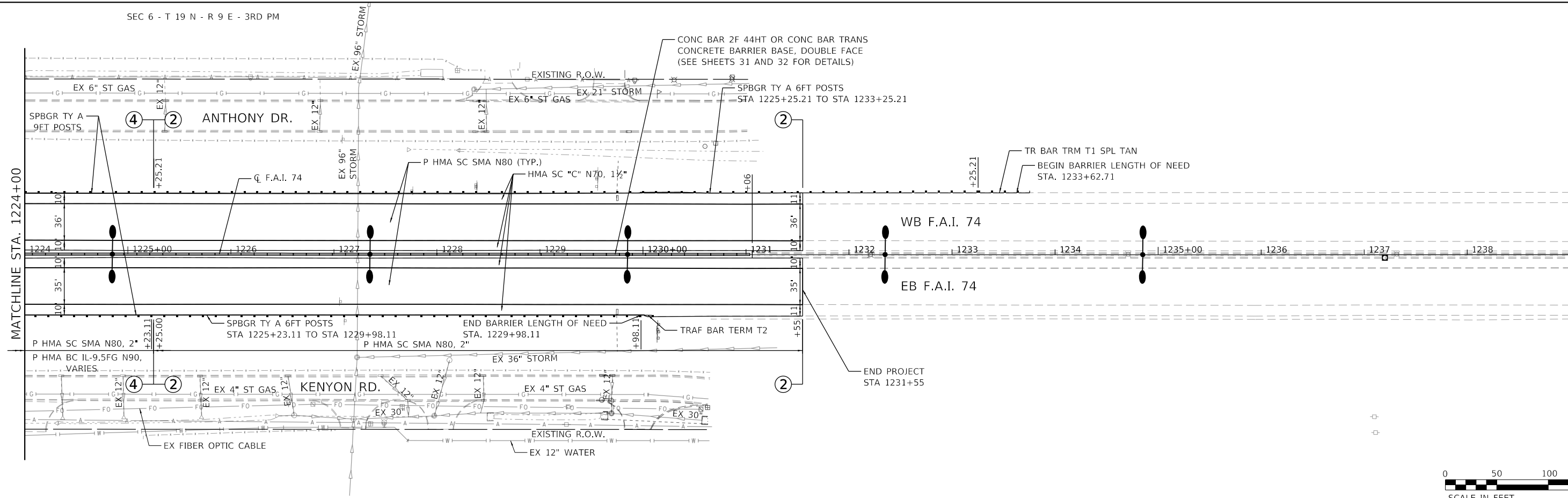


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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 11/15/2019	DATE - 10/16/2019	REVISED -		ILLINOIS FED. AID PROJECT				

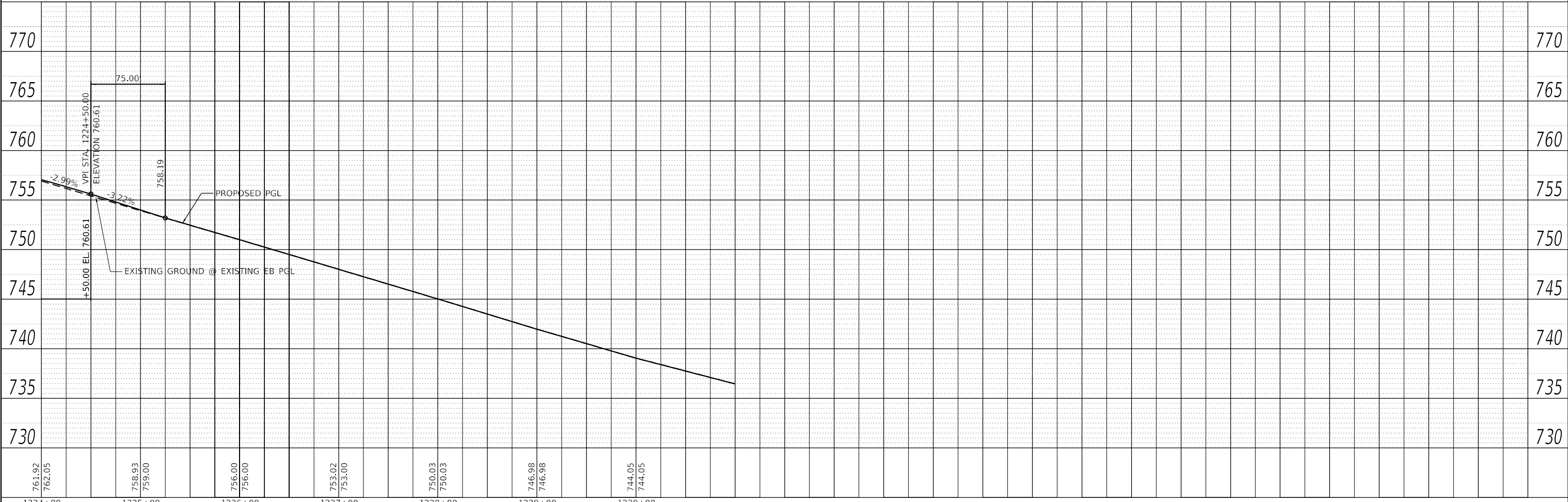
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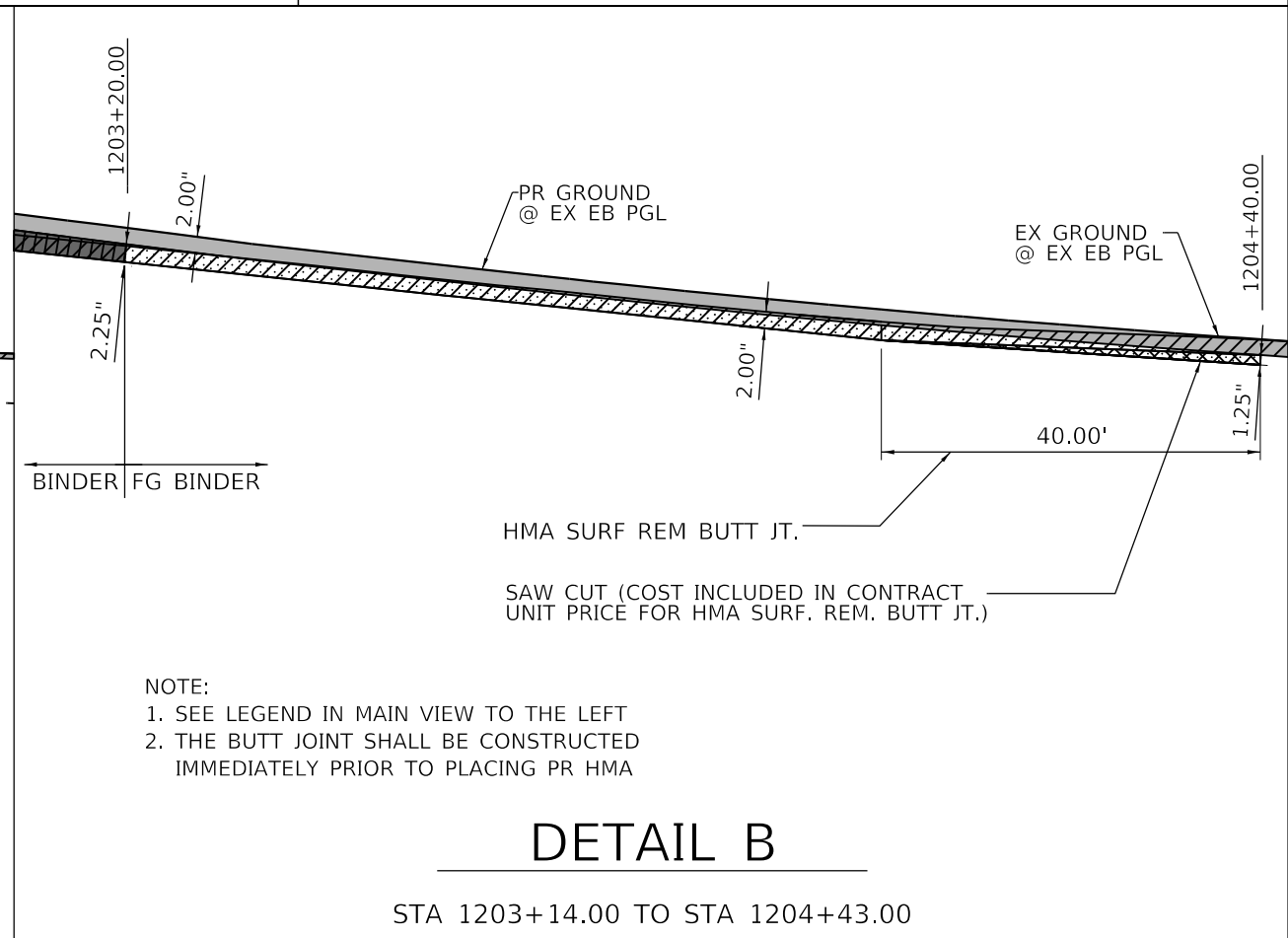
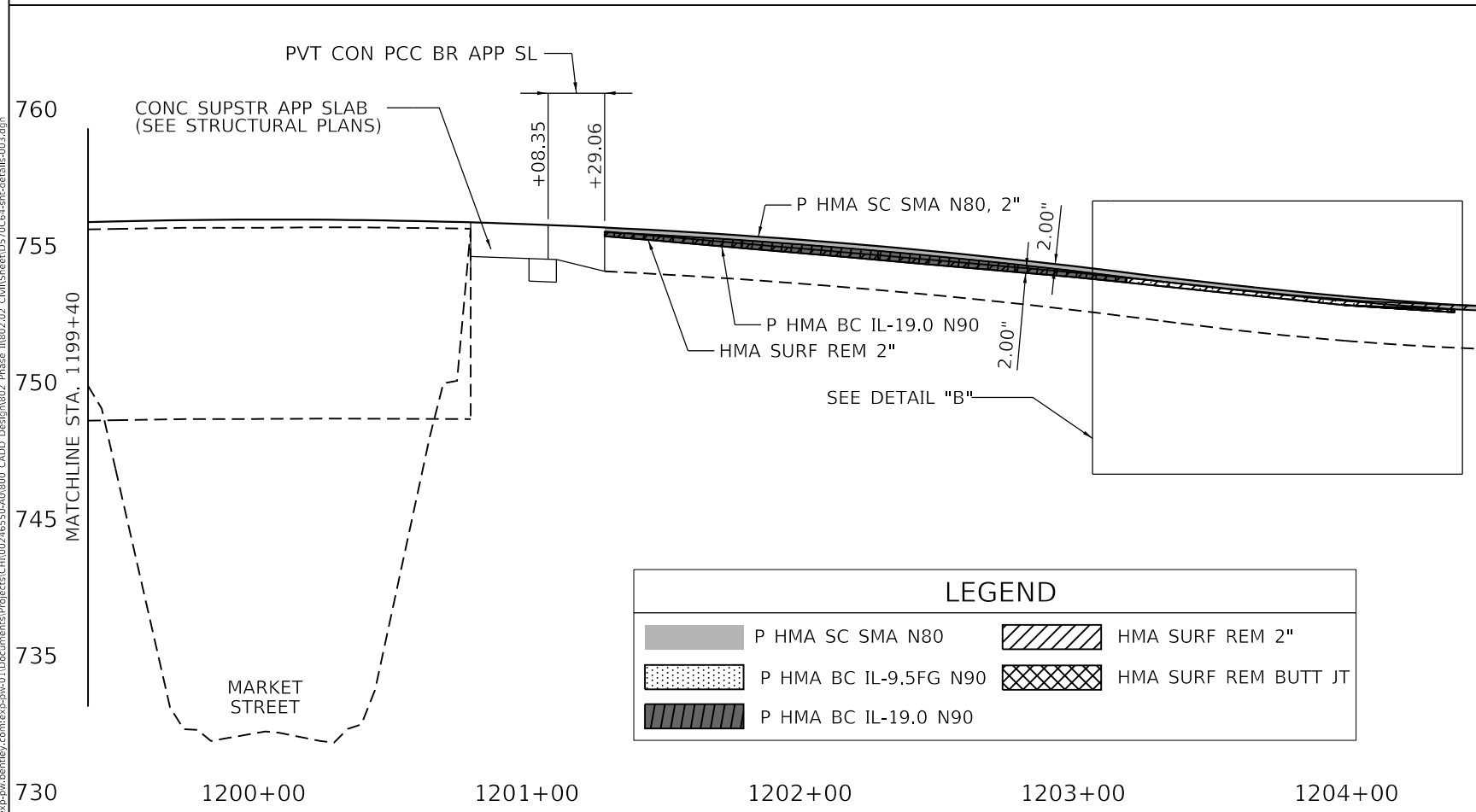
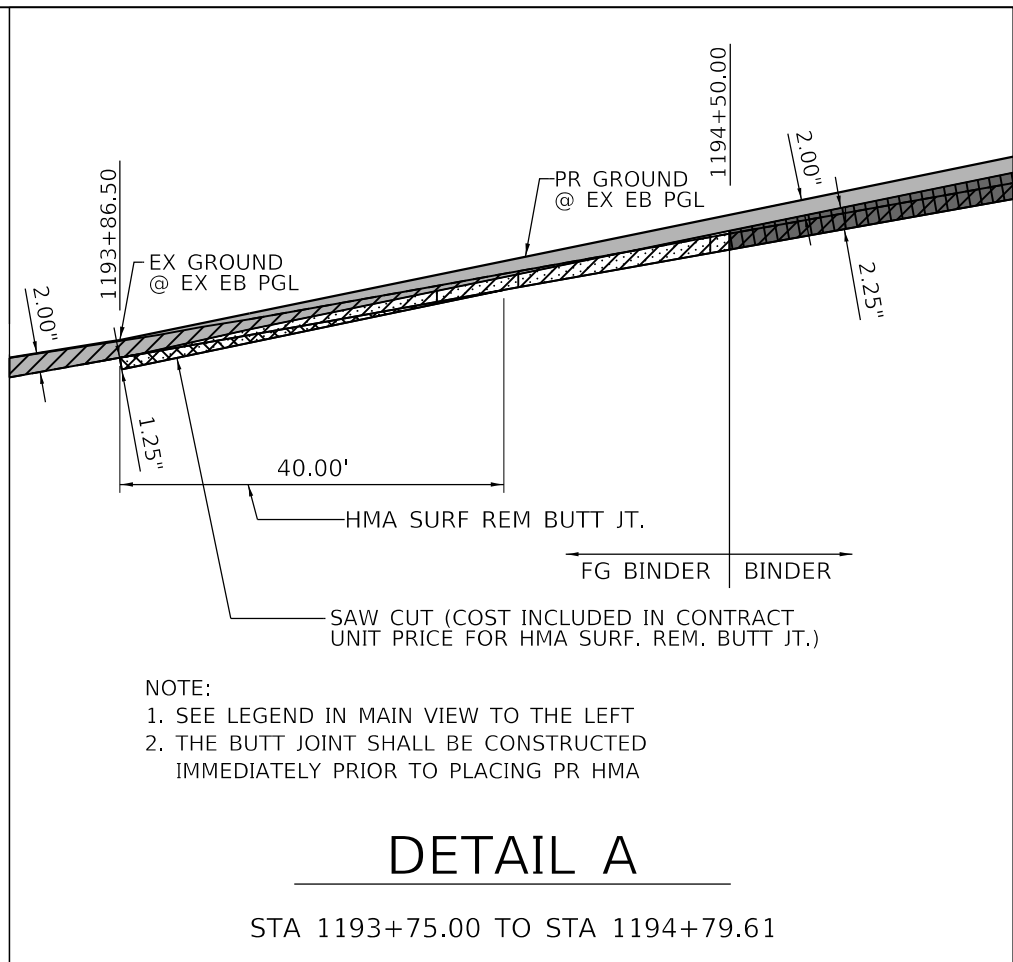
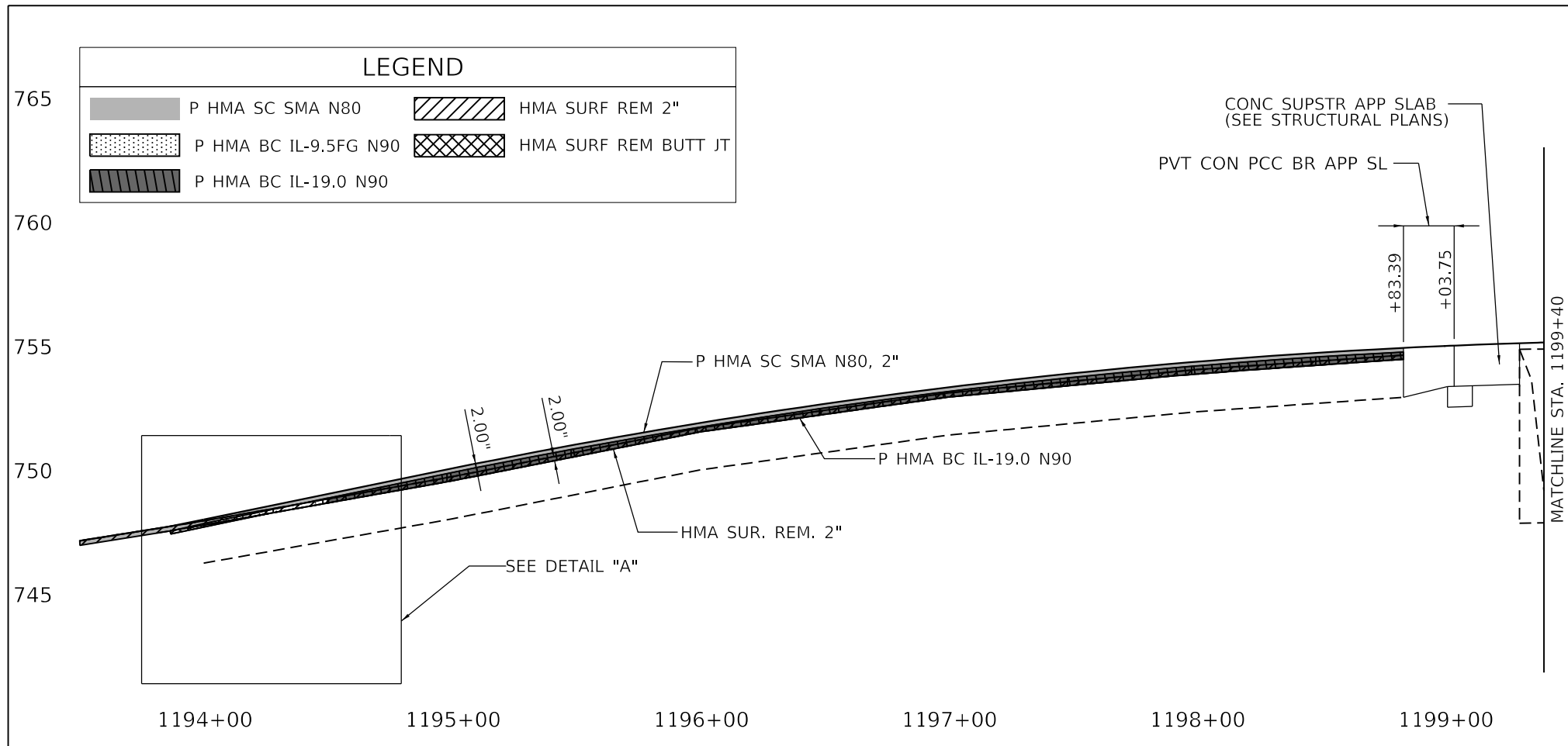
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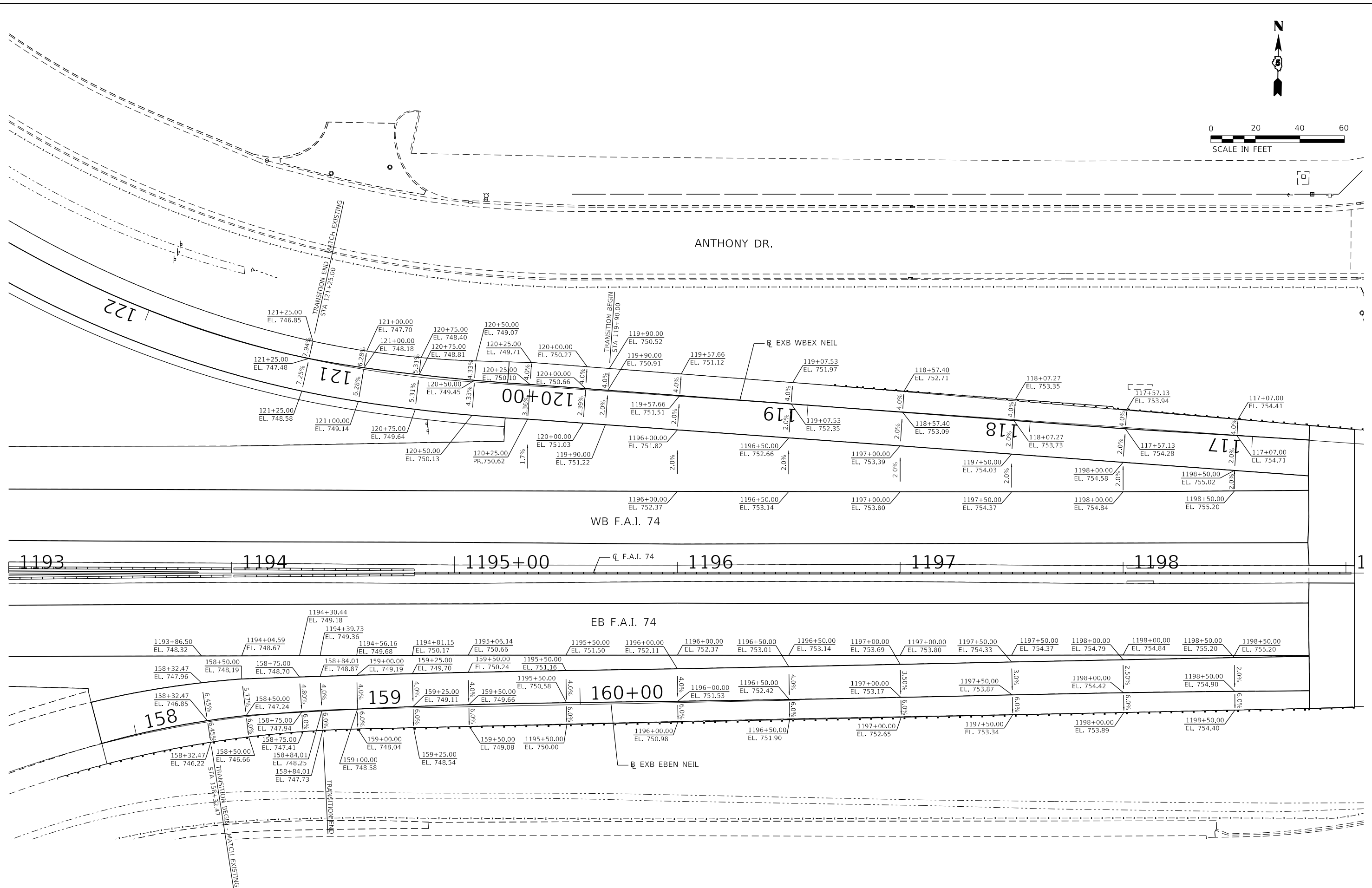
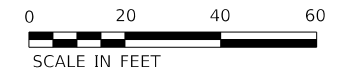
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 10/16/2019	DATE - 10/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
HMA MILLING AND RESURFACING DEPTHS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	33
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



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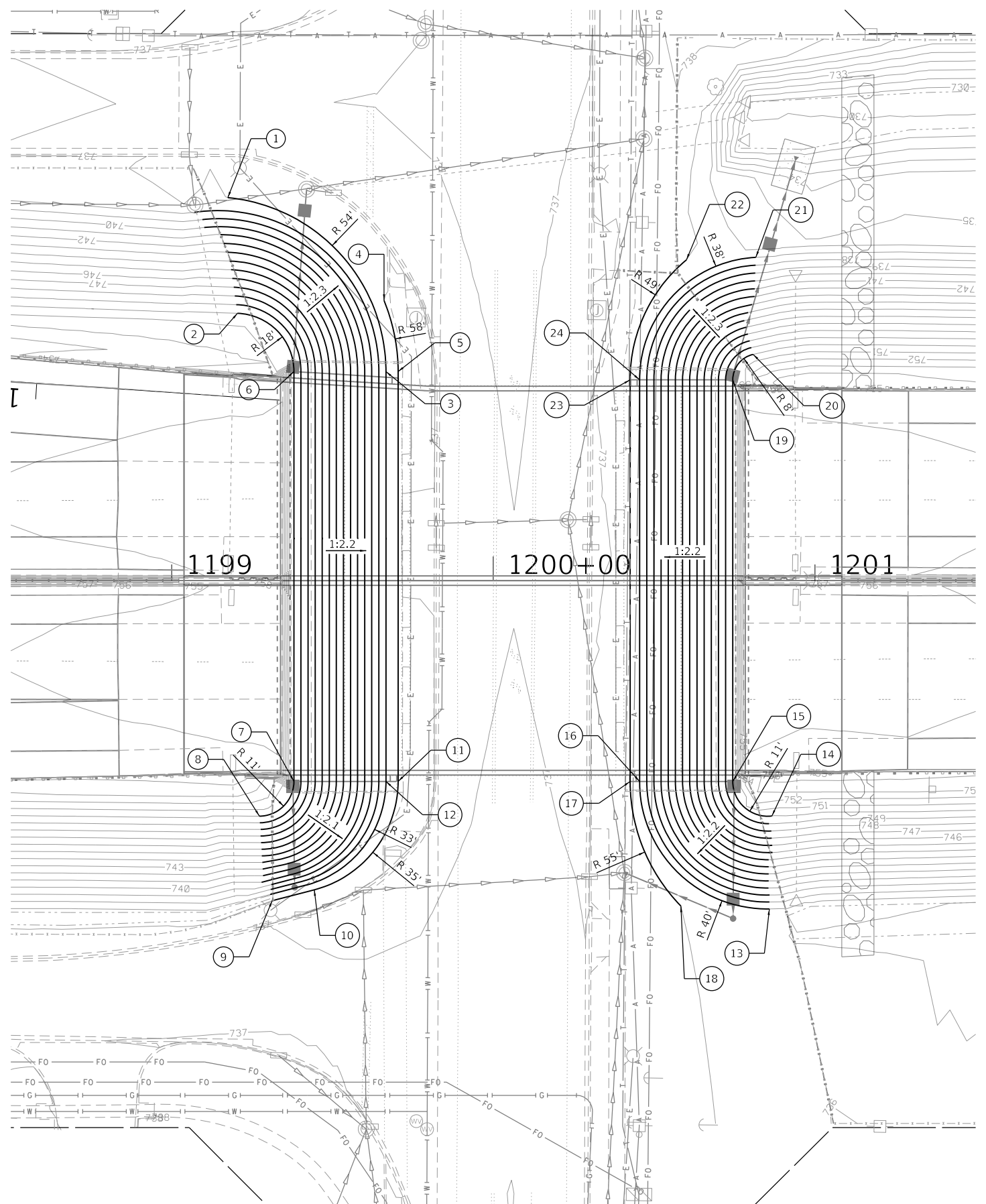
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CHICAGO, IL	40.0000' / in.	JP	-
BUILDINGS-EARTH & ENVIRONMENT-ENERGY	PLOT DATE =	CHECKED -	REVISED -
INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	10/16/2019	DDH	-
		DATE -	REVISED -
		10/16/2019	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

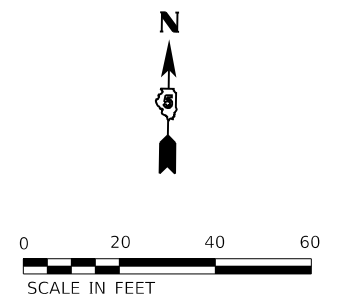
ROADWAY DETAILS
PROPOSED PAVEMENT ELEVATIONS

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	34
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



POINT NO.	NORTHING	EASTING	ELEVATION
1	1263162.08	1010560.72	737.00
2	1263126.16	1010564.26	750.00
3	1263108.75	1010610.65	737.00
4	1263130.88	1010609.72	737.00
5	1263108.80	1010614.43	737.00
6	1263107.50	1010581.78	750.00
7	1262980.94	1010583.94	750.00
8	1262969.99	1010573.37	750.00
9	1262943.74	1010577.73	737.00
10	1262947.33	1010590.76	737.00
11	1262981.42	1010616.32	737.00
12	1262981.36	1010612.54	737.00
13	1262943.50	1010732.32	737.00
14	1262972.40	1010732.68	750.00
15	1262982.96	1010720.37	750.00
16	1262982.53	1010691.39	737.00
17	1262982.49	1010688.46	737.00
18	1262943.97	1010704.82	737.00
19	1263107.78	1010718.53	750.00
20	1263115.80	1010724.75	750.00
21	1263145.96	1010725.12	737.00
22	1263144.88	1010703.56	737.00
23	1263107.31	1010686.61	737.00
24	1263107.35	1010689.54	737.00



NOTES:
 1. CONTOURS WITHIN THE LIMITS OF THE PROPOSED SLOPEWALL REFLECT THE PROPOSED ELEVATIONS OF THE TOP OF SLOPE WALL. SEE STRUCTURAL PLANS FOR SLOPEWALL DETAILS.

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 CHICAGO, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

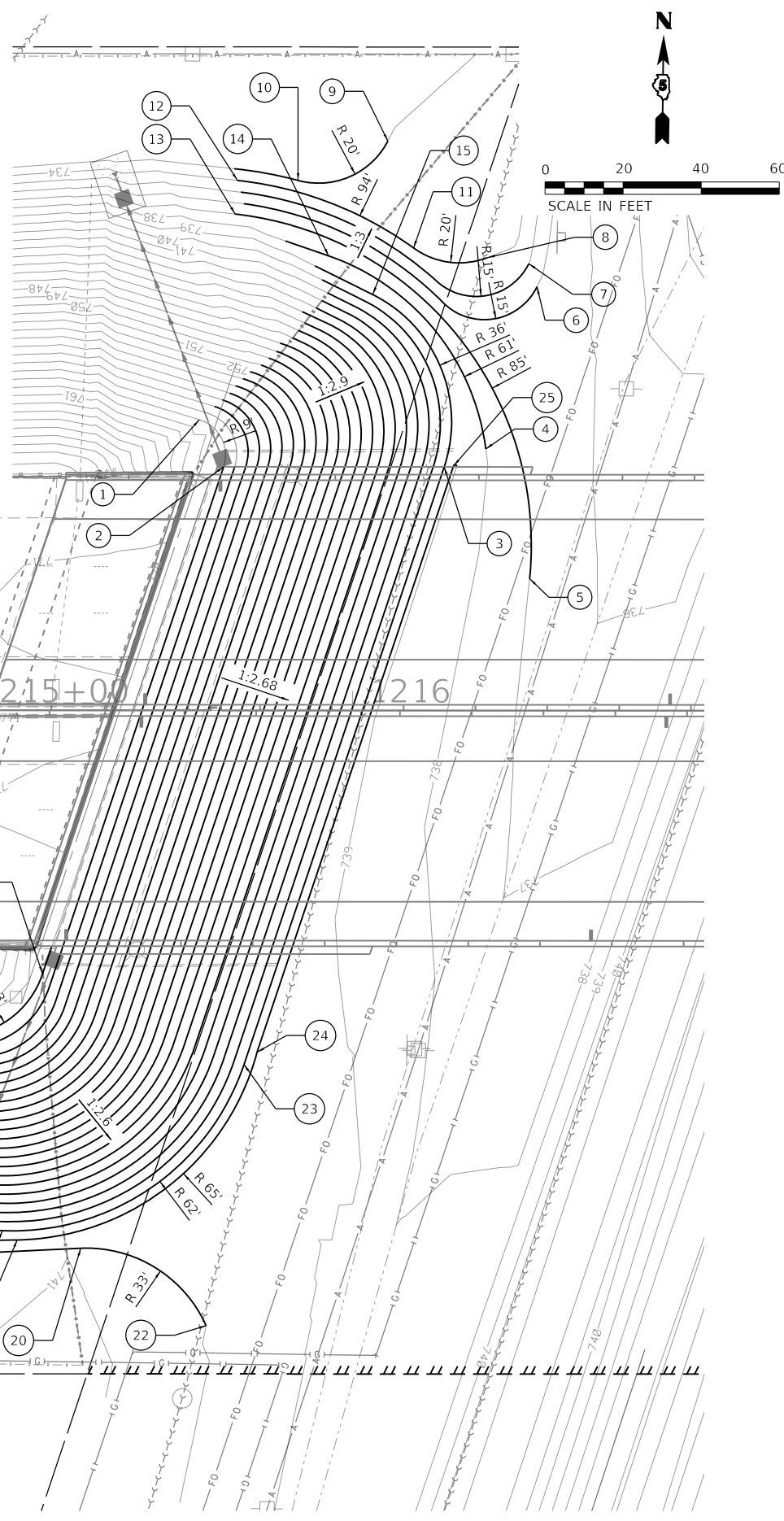
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

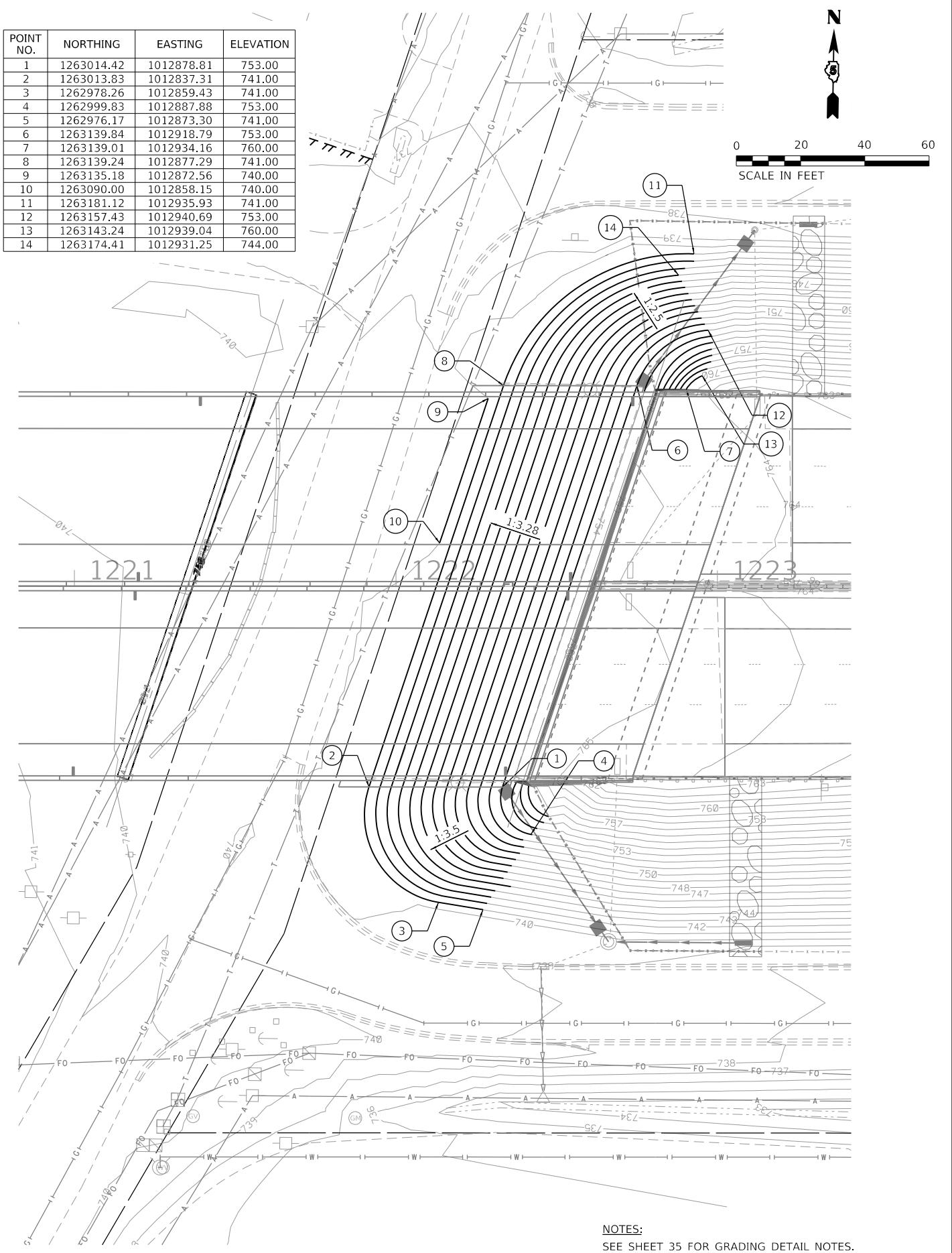
ROADWAY DETAILS			
MARKET ST. BRIDGE CONES GRADING DETAILS			
SCALE: 1"=20'	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	35
CONTRACT NO. 70C64				
		ILLINOIS	FED. AID PROJECT	

POINT NO.	NORTHING	EASTING	ELEVATION
1	1263141.70	1012204.46	759.00
2	1263129.73	1012210.87	759.00
3	1263130.53	1012267.38	739.00
4	1263135.31	1012277.96	738.00
5	1263102.22	1012289.68	737.00
6	1263177.01	1012290.46	736.00
7	1263182.92	1012288.29	735.00
8	1263184.31	1012277.67	734.00
9	1263213.80	1012251.71	733.00
10	1263203.37	1012228.85	733.00
11	1263186.49	1012258.71	734.00
12	1263203.13	1012213.32	734.00
13	1263194.52	1012212.88	737.00
14	1263184.15	1012236.99	738.00
15	1263174.40	1012248.42	739.00
16	1263006.11	1012168.65	760.00
17	1262982.78	1012144.12	760.00
18	1262933.20	1012157.10	739.00
19	1262930.88	1012160.91	739.00
20	1262928.96	1012177.24	740.00
21	1262924.82	1012108.70	740.00
22	1262909.61	1012209.65	740.00
23	1262976.68	1012218.34	739.00
24	1262979.08	1012222.70	739.00
25	1263130.84	1012269.80	739.00



POINT NO.	NORTHING	EASTING	ELEVATION
1	1263014.42	1012878.81	753.00
2	1263013.83	1012837.31	741.00
3	1262978.26	1012859.43	741.00
4	1262999.83	1012887.88	753.00
5	1262976.17	1012873.30	741.00
6	1263139.84	1012918.79	753.00
7	1263139.01	1012934.16	760.00
8	1263139.24	1012877.29	741.00
9	1263135.18	1012872.56	740.00
10	1263090.00	1012858.15	740.00
11	1263181.12	1012935.93	741.00
12	1263157.43	1012940.69	753.00
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14	1263174.41	1012931.25	744.00



NOTES:
SEE SHEET 35 FOR GRADING DETAIL NOTES.

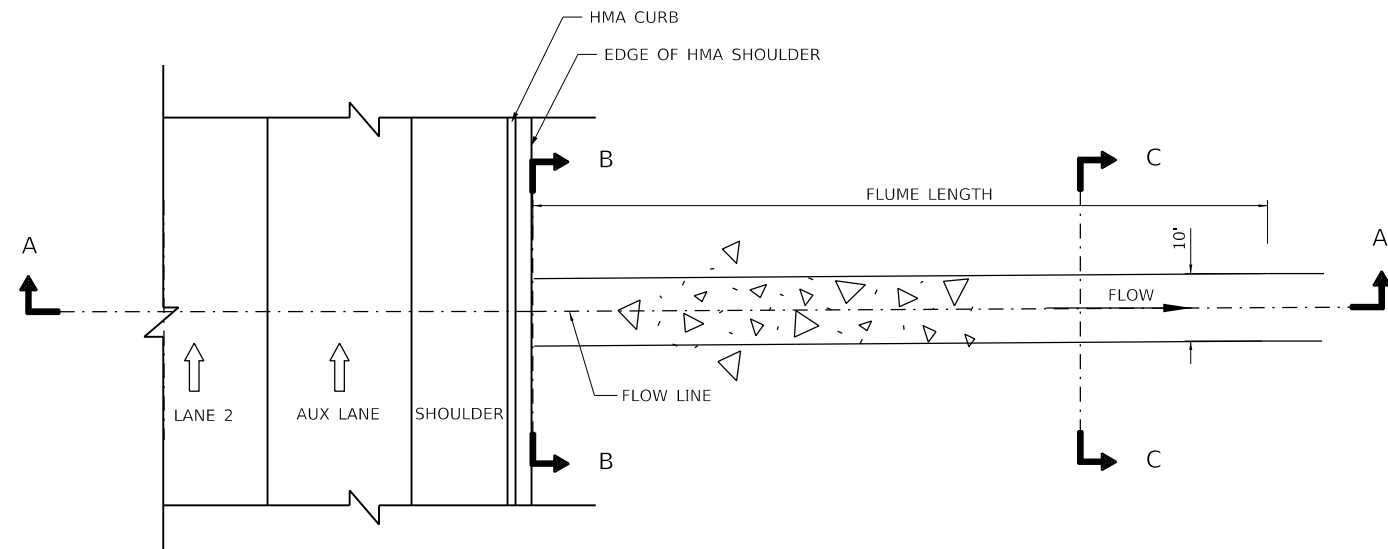
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 Chicago, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

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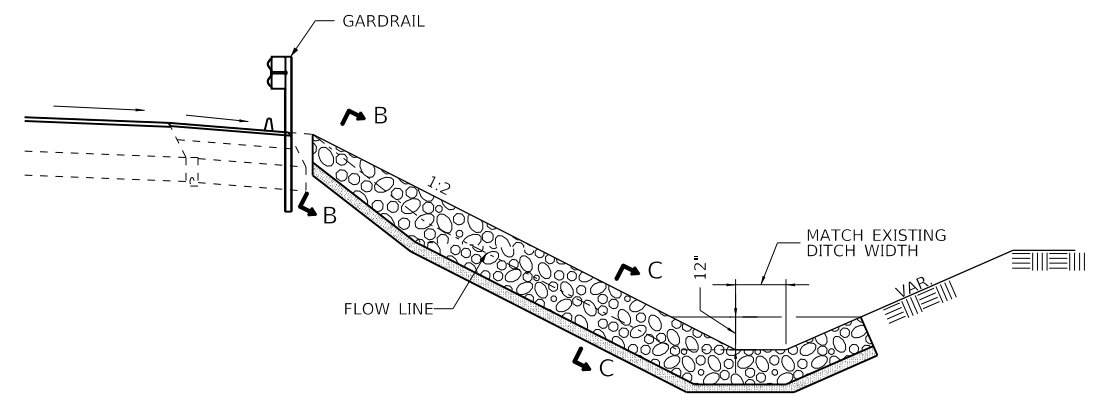
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY DETAILS	
ICRROAK STREET BRIDGE CONES GRADING DETAILS	
SCALE: 1"=20'	SHEET OF SHEETS STA. TO STA.

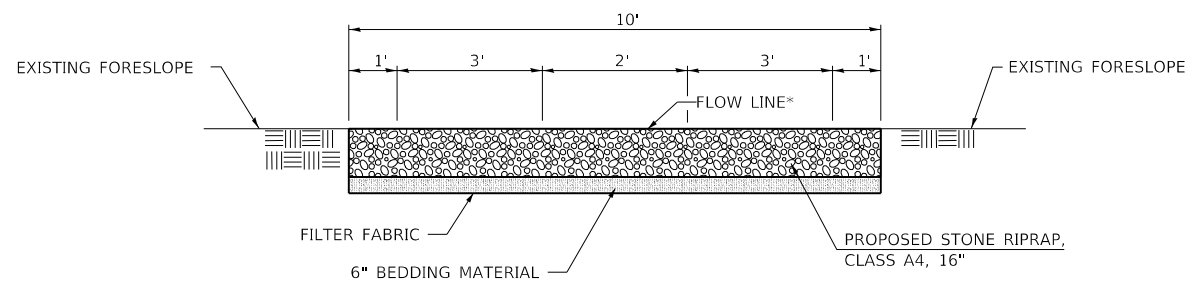
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CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



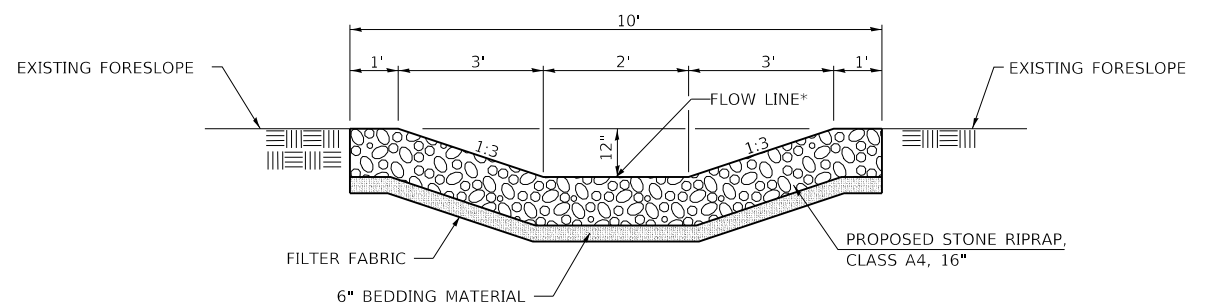
RIPRAP FLUME - PLAN VIEW



SECTION A-A



SECTION B-B



SECTION C-C

* TRANSITION DEPTH OF THE FLOW LINE FROM 0" AT EDGE OF SHOULDER (SECTION B-B) TO 12" (SECTION C-C) OVER LENGTH OF 10 FEET

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 DATE: 10/16/2019

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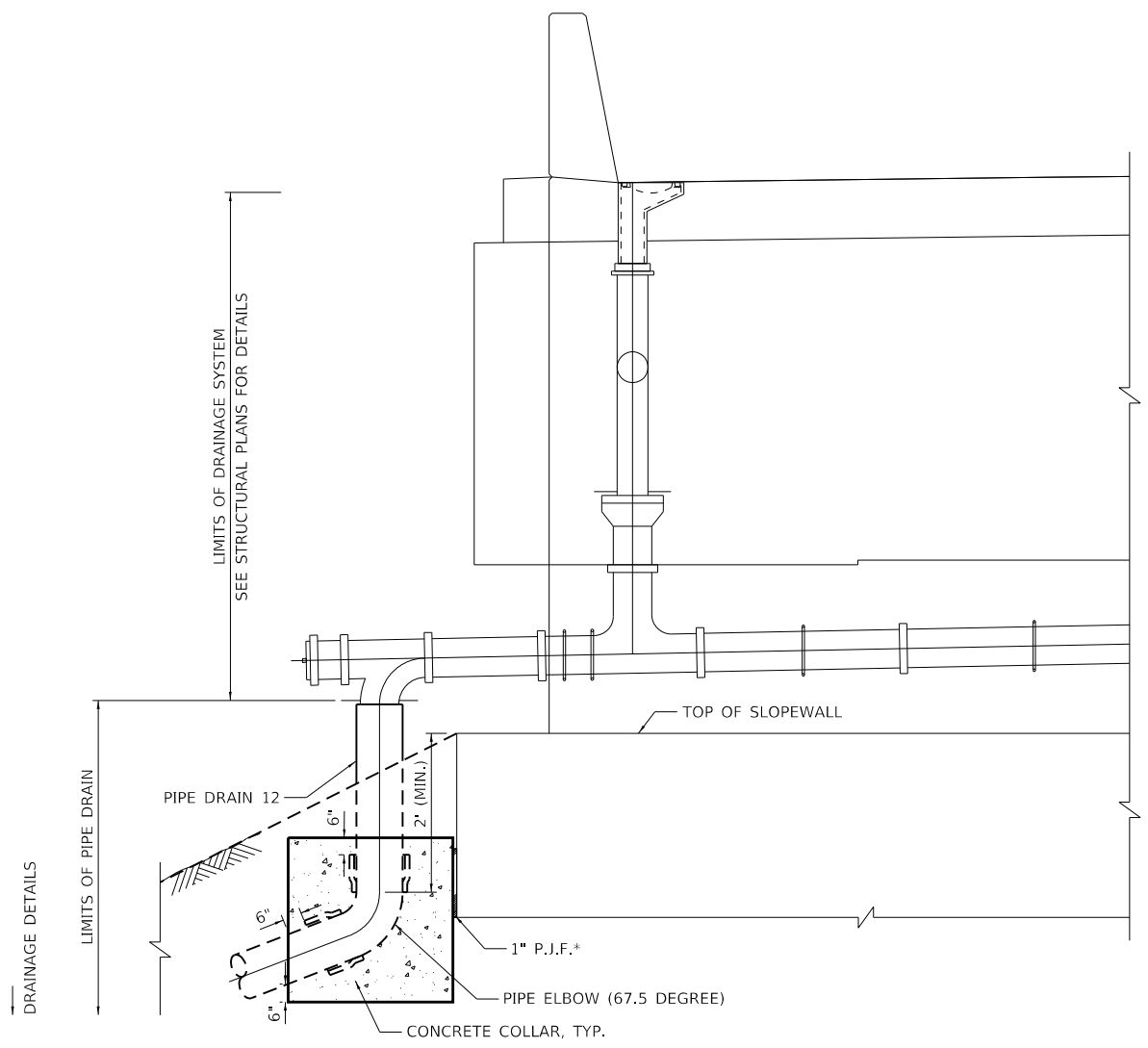
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS
RIPRAP FLUMES**

SCALE: SHEET OF SHEETS STA. TO STA.

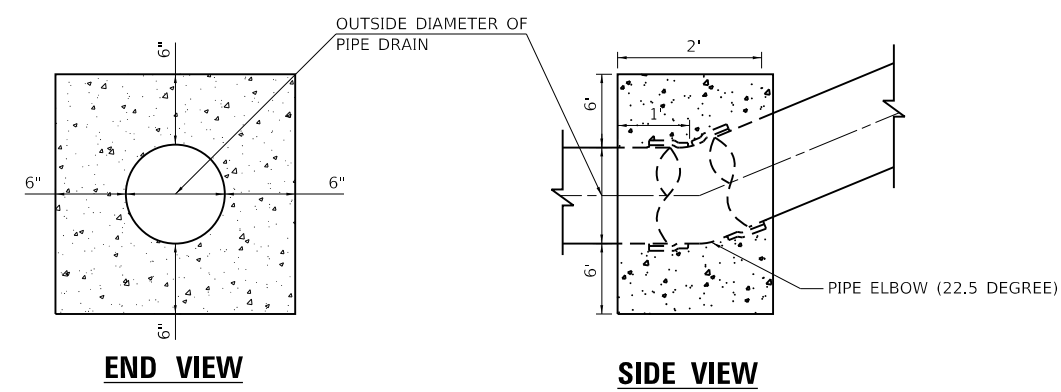
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CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

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 CHICAGO, IL
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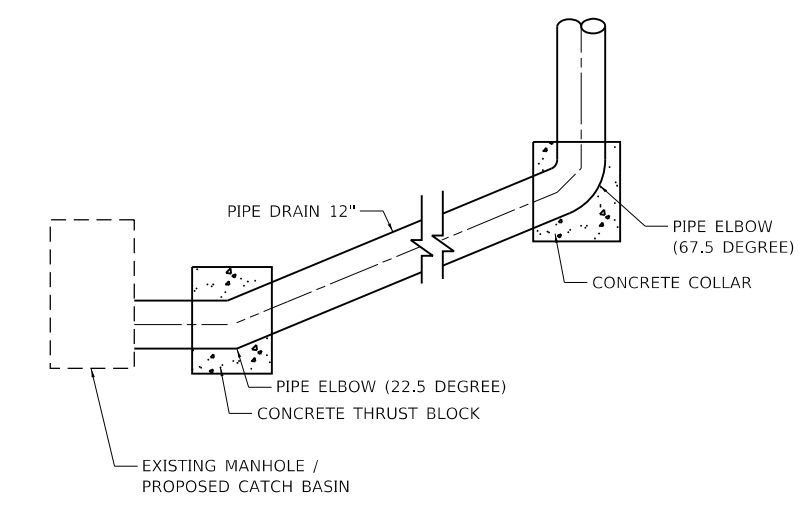
* COST TO BE INCLUDED WITH PIPE DRAIN

DETAIL OF BRIDGE DRAINAGE CONNECTION

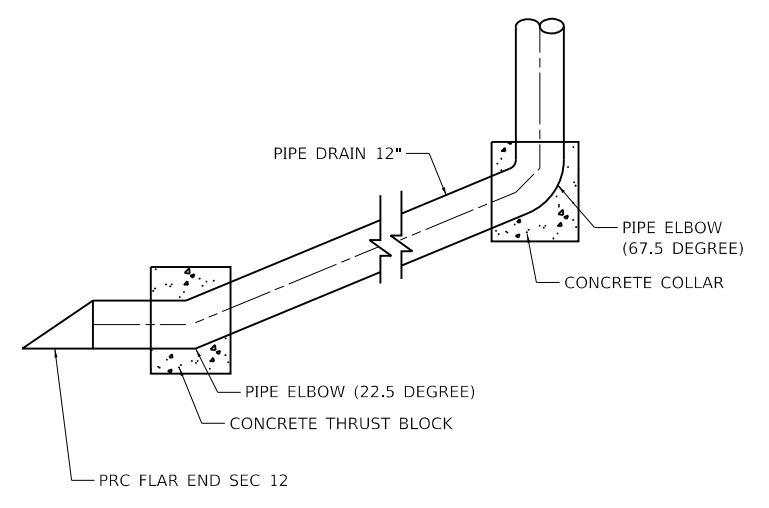


GENERAL NOTE:-
CLASS SI CONCRETE SHALL BE USED THROUGHOUT

CONCRETE THRUST BLOCK



TYPICAL DETAIL OF PIPE DRAIN AND CONNECTION WITH EX MANHOLE / PR CATCH BASIN



TYPICAL DETAIL OF PIPE DRAIN AND CONNECTION WITH PR CONCRETE HEADWALL

COLLAR				THRUST BLOCK			
STATION	OFFSET	LT/RT	PIPE INVERT	STATION	OFFSET	LT/RT	PIPE INVERT
1199+38	66.5	LT	747.03	1199+41	115.2	LT	733.75
1199+38	64	RT	747.03	1199+38	89.7	RT	733.90
1200+74	64	LT	747.12	1200+86	104.6	LT	731.58
1200+74	64	RT	747.12	1200+75	99.0	RT	733.76
1215+24	64	RT	756.48	1215+03	116.4	RT	741.58
1215+67	64.5	LT	756.24	1215+41	131.1	LT	733.60
1222+35	64	RT	750.84	1222+63	106.6	RT	736.78
1222+77	64	LT	750.31	1223+09	106.6	LT	733.91

PRECAST REINFORCED CONC FLARED END SECTION				EX MH / PR CB / PR INLET				EXISTING OR PROPOSED STRUCTURE	
STATION	OFFSET	LT / RT	PIPE INVERT	STATION	OFFSET	LT / RT	PIPE INVERT		RIM ELEVATION
				1199+42	121.6	LT	733.70	736.75	EXISTING
				1199+38	95.3	RT	733.82	737.00	PROPOSED
1200+94	130	LT	730.98						PROPOSED
				1200+41	90.8	RT	733.08	737.41	EXISTING
				1200+75	105.0	RT	733.70	736.61	PROPOSED
1215+00	123	RT	741.50						PROPOSED
1215+39	136.4	LT	733.41						PROPOSED
				1222+66	110.4	RT	736.72	741.00	EXISTING
				1223+08	110.9	RT	737.70	739.30	PROPOSED
				1223+12	110.8	LT	733.85	737.90	EXISTING
				1223+28	112.6	LT	733.43	737.70	PROPOSED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
PIPE DRAIN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	38
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

STAGING AND TRAFFIC CONTROL GENERAL NOTES

- 1) THE WORK REQUIRED TO COMPLY WITH THE STAGING AND TRAFFIC GENERAL NOTES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- 2) EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS THAT CONFLICT WITH TEMPORARY MARKINGS SHALL BE REMOVED.
- 3) ALL TRAFFIC CONTROL SIGNS AND DEVICES, WORK ZONE PAVEMENT MARKING, TEMPORARY CONCRETE BARRIERS AND ATTENUATORS NECESSARY FOR THE MAINTENANCE OF TRAFFIC, AS SHOWN ON THE PLANS, SHALL BE IN PLACE BEFORE THE START OF ANY CONSTRUCTION STAGE.
- 4) ALL CONSTRUCTION WARNING SIGNS SHALL BE BLACK LEGEND ON ORANGE BACKGROUND. ALL CONSTRUCTION WARNING SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE SHOWN ON THE PLANS.
- 5) BARRIER WALL REFLECTORS SHALL BE INSTALLED ON BOTH THE FACE OF THE TEMPORARY CONCRETE BARRIER WALL NEXT TO TRAFFIC, AND THE TOP OF SECTIONS OF THE TEMPORARY CONCRETE BARRIER WALL AS SHOWN IN STANDARD 704001. THE COLOR OF THESE REFLECTORS SHALL MATCH THE COLOR OF THE EDGELINES (AMBER ON THE LEFT AND CRYSTAL ON THE RIGHT).
- 6) WHERE WORK AREAS ARE NOT SEPARATED FROM TRAFFIC BY TEMPORARY CONCRETE BARRIER WALL, WORK ON BOTH SIDES OF THE ROADWAY IN THE SAME DIRECTION, DURING THE SAME TIME PERIOD WILL NOT BE ALLOWED.
- 7) ALL PAVEMENT MARKING REMOVAL ON PAVEMENT TO BE REMOVED OR RESURFACED SHALL BE PERFORMED WITH GRINDING. ALL PAVEMENT MARKING REMOVAL ON PAVEMENT TO REMAIN FOR FINAL CONDITION SHALL BE PERFORMED WITH A WATER BLASTER.
- 8) A 24" DEFLECTION AREA IS REQUIRED FROM THE BACK SIDE OF THE TEMPORARY BARRIER WALL TO ANY OBSTRUCTION OR DROP OFF IN THE WORK ZONE. IF THIS 24" DEFLECTION AREA CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT (EXCLUDING NEW BRIDGE DECKS). THIS WORK WILL BE PAID FOR AS PINNING TEMPORARY CONCRETE BARRIER.
- 9) PER IDOT SAFETY ENGINEERING POLICY MEMORANDUM 4-15, DROP-OFF DEPTH > 4 IN AND LESS THAN OR = 12 INCH IS PERMITTED FOR LESS THAN 0.5 MILE LENGTH OF DROP OFF EXPOSURE IN WORK ZONE OR LESS THAN 48 HOUR TIME. LENGTH AND DURATION OF DROPOFF IN EXCESS OF THESE LIMITS SHALL REQUIRE TEMPORARY LONGITUDINAL CONCRETE BARRIER. ADJACENT WORK SPACES THAT ARE ESSENTIALLY CONTINUOUS IN DROP-OFF EXPOSURE SHOULD BE CONSIDERED AS ONE WORK ZONE.
- 10) ALL UPSTREAM LEADING ENDS OF TEMPORARY CONCRETE BARRIER WALL SHALL BE FLARED AT A 12:1 TAPER RATE FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH AND 8:1 TAPER RATE FOR SPEEDS LESS THAN 45 MPH UNLESS OTHERWISE NOTED.
- 11) 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.
- 12) THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT'S BUREAU OF OPERATIONS AND THE INDIVIDUALS AND ORGANIZATIONS LISTED BELOW AT LEAST TEN DAYS PRIOR TO THE START OF THE PROJECT.

CONTACT	AGENCY/TITLE	PHONE NO.
GARY SIMS	IDOT TRAFFIC OPERATIONS ENGINEER	217-251-4859
CARL PHILLIPS	IDOT MAINTENANCE FIELD ENGINEER	217-251-4863
JEFF BLUE	CHAMPAIGN COUNTY ENGINEER	217-384-3800
	CHAMPAIGN COUNTY SHERIFF	217-384-1204
	CHAMPAIGN COUNTY METCAD 911	217-333-8911
	CITY OF CHAMPAIGN FIRE DEPARTMENT	217-403-7200
	CITY OF URBANA FIRE DEPARTMENT	217-384-2420
	IL STATE POLICE (DISTRICT 10)	217-867-2050

DROP-OFF BETWEEN TRAVEL LANES

DROP OFF LOCATION	NORMAL POSTED LIMIT	DROP-OFF DEPTH (D) AND TYPE (IN.)	PHYSICAL TREATMENT (1,2)	ADDITIONAL REQUIREMENT
BETWEEN LANES	>= 45 MPH	<= 1" LIFT DIFFERENCE OR <= 1" VERTICAL MILLED FACE	NONE	NONE
		1"<D<=2" LIFT DIFFERENCE OR 1"<D<=1.5" VERTICAL MILLED FACE	NONE	UNEVEN LANE SIGNS AT 0.5 MILE SPACING ON INTERSTATE 1-74
		2"<D<=4" LIFT DIFFERENCE	NOTCHED LONGITUDINAL WEDGE	
		1.5"<D<=4" VERTICAL MILLED FACE	TEMPORARY WEDGE OR MILLED SLOPED EDGE MIN. 1:3	
BETWEEN LANES	< 45 MPH	<= 1" LIFT DIFFERENCE OR <=1.5" VERTICAL MILLED FACE	NONE	NONE
		1"<D<=2.5" LIFT DIFFERENCE	NONE	UNEVEN LANE SIGNS
		2.5"<D<=4" LIFT DIFFERENCE	NOTCHED LONGITUDINAL WEDGE	
		1.5"<D<=4" VERTICAL MILLED FACE	TEMPORARY OR MILLED SLOPED EDGE MIN. 1:3	

1) PLACE CHANNELIZING DEVICES AT SAME LEVEL AS TRAVELING LANE.

2) CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH. RAISE THE REFLECTIVE AREA AND WARNING LIGHT (IF REQUIRED) TO THE ELEVATION ABOVE TRAVELING LANE AS REQUIRED BY THE HIGHWAY STANDARD 701901.

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 USER: onealm
 DATE: 11/15/2019

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D570C64-sht-staging-gennotes-001.dgn		DRAWN - MM	REVISED -			74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	39	
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 11/15/2019	DATE - 10/16/2019	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
						ILLINOIS		FED. AID PROJECT			

SUGGESTED STAGES OF CONSTRUCTION

PRE-STAGE 1A

- NIGHT TIME CLOSURES - MAINTAIN A MINIMUM OF ONE LANE IN EACH DIRECTION AND IMPLEMENT NIGHT TIME LANE CLOSURES AND TRAFFIC SHIFTS USING STANDARDS 701400, 701401, 701411, 701428 AND 701446.
- FOR RAISED REFLECTIVE PAVEMENT MARKERS (RRPMs) THAT WILL CONFLICT WITH TEMPORARY TRAFFIC LANES FOR PRE-STAGE 1A THRU STAGE 1A:
 - REMOVE RRPMS WITHIN THE LIMITS OF THE PROPOSED MILLING AND RESURFACING TO BE COMPLETED IN STAGE 1B.
 - REMOVE THE REFLECTORS OF RRPMS OUTSIDE THE LIMITS OF THE PROPOSED MILLING AND RESURFACING TO BE COMPLETED IN STAGE 1B.
- AS SHOWN ON THE PLANS: CLOSE THE WB AUXILIARY (OUTSIDE) LANE BETWEEN THE LINCOLN AVENUE ENTRANCE AND THE NEIL STREET EXIT; EAST OF MARKET STREET SHIFT THE TWO WB LANES OF TRAFFIC ONTO THE INSIDE LANE AND SHOULDER; SHIFT TRAFFIC ON THE WB EXIT RAMP TO NEIL STREET PARTIALLY ONTO THE OUTSIDE SHOULDER.
- BEGIN INSTALLATION OF TEMPORARY LIGHTING.
- COMPLETE THE FOLLOWING WORK ON WB I-74:
 - WELD GRATINGS TO FRAMES OF INLET BOXES, CONSTRUCT RIP-RAP FLUMES AND THEN REMOVE THE HMA CURB AT AND BETWEEN THE RIP-RAP FLUMES
 - MILL AND RESURFACE THE OUTSIDE SHOULDERS
 - CONSTRUCT TEMPORARY PAVEMENT WITHIN GORE AREA OF WB NEIL STREET EXIT RAMP

PRE-STAGE 1B

- CLOSE THE NEIL STREET ENTRANCE RAMP TO EB I-74 USING STANDARD 701451 AND AS SHOWN ON THE PLANS AND INSTALL DETOUR SIGNING AS SHOWN ON THE PLANS. THE ENTRANCE RAMP SHALL REMAIN CLOSED THROUGH STAGE 1B.
- NIGHT-TIME CLOSURES - USING STANDARDS 701400, 701401 AND 701428 CLOSE THE OUTSIDE EB LANE FROM WEST OF THE GORE OF NEIL STREET EB ENTRANCE RAMP TO MARKET STREET BRIDGE.
- MILL AND RESURFACE THE OUTSIDE SHOULDER AND GORE AREA OF THE NEIL STREET EB ENTRANCE RAMP AND THE OUTSIDE SHOULDER FROM STA 1195+00 TO THE MARKET STREET BRIDGE APPROACH SLAB.

PRE-STAGE 2

- AS SHOWN ON THE PLANS: CLOSE THE AUXILIARY (OUTSIDE) LANE BETWEEN THE ENTRANCE AND EXIT RAMPS FOR THE NEIL STREET AND LINCOLN AVENUE INTERCHANGES AND SHIFT THE REMAINING LANES; WEST OF MARKET STREET SHIFT THE TWO LANES OF TRAFFIC IN EACH DIRECTION ONTO THE OUTSIDE LANE AND SHOULDER.
- COMPLETE INSTALLATION OF TEMPORARY LIGHTING.
- AFTER TEMPORARY LIGHTING ACTIVATED, COMPLETE THE FOLLOWING WITHIN THE MEDIAN AT PROPOSED CROSSOVER LOCATIONS: REMOVAL OF LIGHTING, CONCRETE BARRIER AND BARRIER BASE, CONCRETE MEDIAN SURFACE, AND BACKFILL BETWEEN THE BARRIERS. CONSTRUCT TEMPORARY PAVEMENT WHERE THE BARRIER BASE WAS REMOVED.
- INSTALL TEMPORARY INFORMATION SIGNS AND REMOVE OVERHEAD SIGN TRUSS.
- MILL AND RESURFACE THE WB INSIDE SHOULDER FOR THE FULL PROJECT LIMITS AND THE EB INSIDE SHOULDER FROM THE WEST PROJECT LIMIT TO THE BRIDGE OVER MARKET ST AND FROM THE BRIDGE OVER ICRR/OAK ST TO THE EAST PROJECT LIMITS.

STAGE 1

STAGE 1A

- NIGHT TIME CLOSURES - MAINTAIN A MINIMUM OF ONE LANE IN EACH DIRECTION AND IMPLEMENT NIGHT TIME LANE CLOSURES AND TRAFFIC SHIFTS AS NEEDED USING STANDARDS 701400, 701401, 701411, 701428 AND 701446 TO SHIFT EB TRAFFIC ONTO THE WB SIDE VIA PROPOSED CROSSOVERS AS SHOWN ON THE PLANS.
- CLOSE OAK STREET BETWEEN KENYON ROAD AND ANTHONY DRIVE AS SHOWN ON THE PLANS.
- COMPLETE THE FOLLOWING PROPOSED WORK ON THE EB SIDE:
 - I-74 BRIDGE OVER MARKET STREET AND ASSOCIATED BRIDGE APPROACH SLABS AND PAVEMENT CONNECTORS FOR BRIDGE APPROACH SLABS AND TEMPORARY EROSION CONTROL AT BRIDGE
 - I-74 BRIDGE OVER ICRR/OAK STREET AND ASSOCIATED BRIDGE APPROACH SLABS AND PAVEMENT CONNECTORS FOR BRIDGE APPROACH SLABS AND TEMPORARY EROSION CONTROL AT BRIDGE
 - WELD GRATINGS TO FRAMES OF INLET BOXES AND CONSTRUCT RIPRAP FLUMES.
 - REMOVE EXISTING AND CONSTRUCT NEW CONCRETE BARRIER IN THE MEDIAN BETWEEN THE BRIDGES
 - FROM NEIL STREET ENTRANCE RAMP TO EAST PROJECT LIMITS, REMOVE EXISTING GUARDRAIL AND HMA CURB. MILL AND RESURFACE OUTSIDE AND INSIDE SHOULDER FROM STA. 1204+40 TO STA 1208+79.17.

STAGE 1A (CONT)

- COMPLETE THE FOLLOWING PROPOSED WORK ON THE EB SIDE (CONT):
 - WITHIN LIMITS OF PROFILE RAISE BETWEEN THE BRIDGE OVER MARKET STREET AND THE BRIDGE OVER ICRR/OAK STREET, MILL AND PLACE FINAL BINDER AND SURFACE COURSES ON MAINLINE PAVEMENT AND SHOULDERS.
 - WEST OF THE BRIDGE OVER MARKET STREET ALONG THE ENTRANCE RAMP AND EAST OF THE BRIDGE OVER ICRR/OAK ST, MILL AND PLACE FINAL BINDER AND SURFACE COURSES ON THE OUTSIDE SHOULDERS, AND CONSTRUCT TEMPORARY RAMPS AT THE BRIDGE APPROACH PAVEMENT CONNECTORS ON MAINLINE PAVEMENT AND INSIDE SHOULDERS.
 - CONSTRUCT HMA CURB AND GUARDRAIL.

STAGE 1B

- OPEN EB LANES TO TRAFFIC AS SHOWN ON THE PLANS.
- NIGHT-TIME CLOSURES - MAINTAIN A MINIMUM OF ONE LANE IN EACH DIRECTION AND IMPLEMENT NIGHT TIME LANE CLOSURES USING STANDARDS 701400, 701401, 701411, 701428 AND 701446.
- COMPLETE MILLING AND RESURFACING IN MEDIAN AS SHOWN ON STAGE 1B TYPICAL SECTIONS.
- OPEN WB LANES TO TRAFFIC AND PLACE TEMPORARY CONCRETE BARRIER IN MEDIAN WITHIN THE CROSSOVER LOCATIONS AS SHOWN ON THE PLANS.
- NIGHT-TIME CLOSURES - MAINTAIN A MINIMUM OF ONE LANE IN EACH DIRECTION AND IMPLEMENT NIGHT TIME LANE CLOSURES USING STANDARDS 701400, 701401, 701411, 701428 AND 701446.
- WITHIN THE LIMITS OF THE PROFILE RAISE WEST OF MARKET ST AND EAST OF OAK ST, MILL AND PLACE FINAL BINDER AND SURFACE COURSES ON EB MAINLINE AND RAMP PAVEMENT AND PLACE FINAL BINDER AND SURFACE COURSES ON INSIDE SHOULDER.
- INSTALL:
 - PROPOSED RRPMS WITHIN THE LIMITS WHERE FINAL SURFACE COURSE WAS PLACED.
 - REPLACEMENT REFLECTORS IN ALL RRPMS WHERE THE REFLECTORS WERE REMOVED.

WINTER STAGE

- OPEN ALL LANES TO TRAFFIC AS SHOWN ON THE STAGING AND TRAFFIC CONTROL PLANS AND OPEN THE NEIL ST ENTRANCE RAMP TO EB I-74 TO TRAFFIC.

STAGE 2

STAGE 2A

- NIGHT TIME CLOSURES - MAINTAIN A MINIMUM OF ONE LANE IN EACH DIRECTION AND IMPLEMENT NIGHT TIME LANE CLOSURES AND TRAFFIC SHIFTS USING STANDARDS 701400, 701401, 701411, 701428 AND 701446.
- FOR RAISED REFLECTIVE PAVEMENT MARKERS (RRPMs) THAT WILL CONFLICT WITH TEMPORARY TRAFFIC LANES FOR STAGE 2A:
 - REMOVE RRPMS WITHIN THE LIMITS OF THE PROPOSED MILLING AND RESURFACING NOT YET COMPLETED.
 - REMOVE THE REFLECTORS OF RRPMS WITHIN THE LIMITS WHERE THE FINAL SURFACE COURSE WAS PLACED DURING STAGE 1B AND OUTSIDE THE LIMITS OF THE PROPOSED MILLING AND RESURFACING.
- CLOSE THE NEIL STREET ENTRANCE RAMP TO EB I-74 USING STANDARD 701451 AND AS SHOWN ON THE PLANS, AND INSTALL DETOUR SIGNING AS SHOWN ON THE PLANS. THE ENTRANCE RAMP SHALL REMAIN CLOSED THROUGH STAGE 6.
- CLOSE OAK STREET BETWEEN KENYON ROAD AND ANTHONY DRIVE AS SHOWN ON THE PLANS.
- NIGHT TIME CLOSURES - MAINTAIN A MINIMUM OF ONE LANE IN EACH DIRECTION AND IMPLEMENT NIGHT TIME LANE CLOSURES AND TRAFFIC SHIFTS AS NEEDED USING STANDARDS 701400, 701401, 701411, 701428 AND 701446 TO SHIFT WB TRAFFIC ONTO THE EB SIDE VIA PROPOSED CROSSOVERS AS SHOWN ON THE PLANS.
- COMPLETE THE FOLLOWING PROPOSED WORK ON WB I-74:
 - I-74 BRIDGE OVER MARKET STREET AND ASSOCIATED BRIDGE APPROACH SLABS AND PAVEMENT CONNECTORS FOR BRIDGE APPROACH SLABS AND TEMPORARY EROSION CONTROL AT BRIDGE
 - I-74 BRIDGE OVER ICRR/OAK STREET AND ASSOCIATED BRIDGE APPROACH SLABS AND PAVEMENT CONNECTORS FOR BRIDGE APPROACH SLABS AND TEMPORARY EROSION CONTROL AT BRIDGE
 - CONSTRUCT RIPRAP FLUMES AND THEN REMOVE HMA CURB
 - FROM NEIL STREET EXIT RAMP TO EAST PROJECT LIMITS, REMOVE EXISTING GUARDRAIL. FROM STA 1204+40 TO STA 1208+79.17, MILL AND RESURFACE THE OUTSIDE PORTION OF THE OUTSIDE SHOULDER THAT WAS NOT COMPLETED IN PRE-STAGE 1A.
 - WITHIN LIMITS OF PROFILE RAISE BETWEEN THE BRIDGE OVER MARKET STREET AND THE BRIDGE OVER ICRR/OAK STREET, MILL AND PLACE FINAL BINDER AND SURFACE COURSES ON MAINLINE PAVEMENT AND SHOULDERS.

STAGE 2A (CONT)

- WEST OF THE BRIDGE OVER MARKET STREET AND EAST OF THE BRIDGE OVER ICRR/OAK ST, MILL AND PLACE FINAL BINDER AND SURFACE COURSES ON THE OUTSIDE SHOULDERS, AND CONSTRUCT TEMPORARY RAMPS AT THE BRIDGE APPROACH PAVEMENT CONNECTORS ON MAINLINE PAVEMENT AND INSIDE SHOULDERS.
- CONSTRUCT HMA CURB AND GUARDRAIL.

STAGE 2B

- OPEN LANES TO TRAFFIC AND PLACE TEMPORARY CONCRETE BARRIER IN MEDIAN WITHIN THE CROSSOVER LOCATIONS AS SHOWN ON THE PLANS.
- NIGHT-TIME CLOSURES - MAINTAIN A MINIMUM OF ONE LANE IN EACH DIRECTION AND IMPLEMENT NIGHT TIME LANE CLOSURES AND TRAFFIC SHIFTS USING STANDARDS 701400, 701401, 701411, 701428 AND 701446.
- REMOVE TEMPORARY RAMP AND PLACE TEMPORARY EROSION CONTROL ITEMS.
- WITHIN THE LIMITS OF THE PROFILE RAISE WEST OF MARKET ST AND EAST OF OAK ST, MILL AND PLACE FINAL BINDER AND SURFACE COURSES ON MAINLINE PAVEMENT AND PLACE FINAL BINDER AND SURFACE COURSES ON INSIDE SHOULDER.
- NIGHT-TIME CLOSURE: CLOSE I-74 WB EXIT RAMP TO NEIL ST USING DISTRICT 5 DETAIL 70103710 AND CHANGEABLE MESSAGE SIGNS. MILL AND PLACE FINAL BINDER AND SURFACE COURSES ON WB EXIT RAMP PAVEMENT.

STAGE 3

- CLOSE THE INSIDE LANE. SHIFT THE TWO REMAINING LANES OF TRAFFIC IN EACH DIRECTION ONTO THE OUTSIDE LANE AND SHOULDER AS SHOWN ON PRE-STAGE 2 PLANS.
- COMPLETE LIGHTING AND CONCRETE BARRIER IN THE MEDIAN.
- CONSTRUCT OVERHEAD SIGN TRUSS.
- CONSTRUCT SHOULDER RUMBLE STRIP ON INSIDE SHOULDERS IN BOTH DIRECTIONS.
- CONSTRUCT BITUMINOUS SURFACE TREATMENT ON OAK ST.

STAGE 4

- NIGHT-TIME CLOSURES - USING STANDARDS 701400, 701401, 701411, 701428 AND 701446, IMPLEMENT NIGHT-TIME CLOSURES OF THE INSIDE LANES (ONE LANE WEST OF MARKET STREET AND TWO LANES EAST OF MARKET STREET).
- MILL AND RESURFACE THE REMAINING SECTIONS OF LANE 1 IN BOTH DIRECTIONS.

STAGE 5

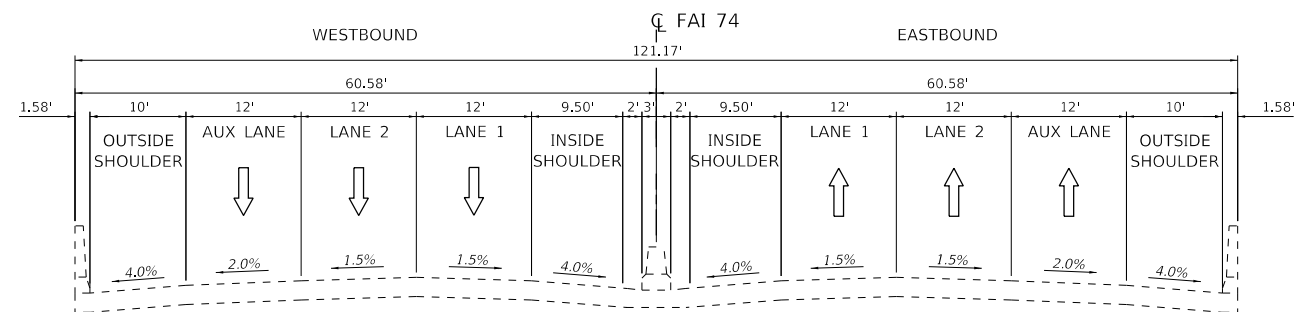
- NIGHT-TIME CLOSURES - USING STANDARDS 701400, 701401, 701411, 701428 AND 701446, MAINTAIN A MINIMUM OF ONE LANE IN EACH DIRECTION AND IMPLEMENT NIGHT TIME LANE CLOSURES OF THE OUTSIDE LANES.
- MILL AND RESURFACE THE REMAINING SECTIONS OF LANE 2 AND 3 AND CONSTRUCT SHOULDER RUMBLE STRIP ON OUTSIDE SHOULDERS IN BOTH DIRECTIONS.

STAGE 6

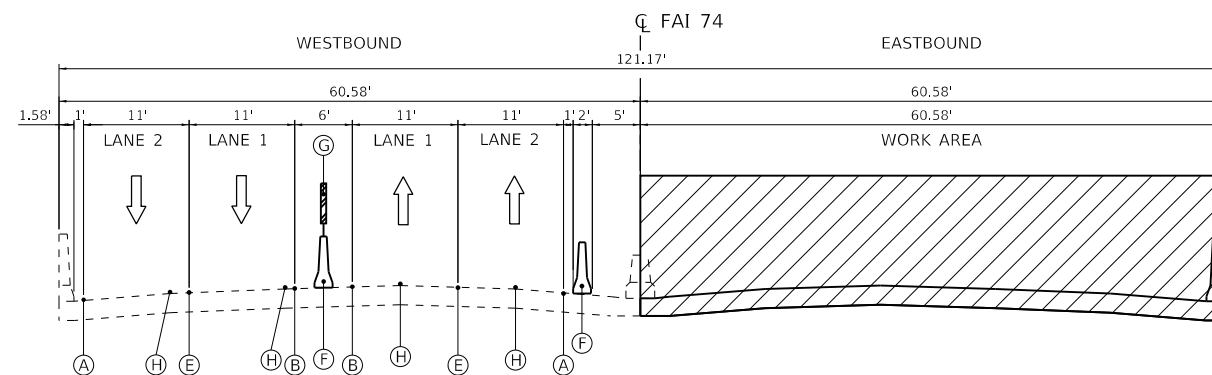
- NIGHT TIME CLOSURES - MAINTAIN A MINIMUM OF ONE LANE IN EACH DIRECTION AND IMPLEMENT NIGHT TIME LANE CLOSURES AND USING STANDARDS 701400, 701401, 701411, 701428 AND 701446.
- INSTALL:
 - PROPOSED RRPMS WITHIN THE LIMITS WHERE FINAL SURFACE COURSE WAS PLACED.
 - REPLACEMENT REFLECTORS IN ALL RRPMS WHERE REFLECTORS WERE REMOVED.
- PLACE FINAL PAVEMENT MARKINGS.
- OPEN THE NEIL STREET ENTRANCE RAMP TO EB I-74 AND REMOVE DETOUR SIGNING.

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 CHICAGO, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

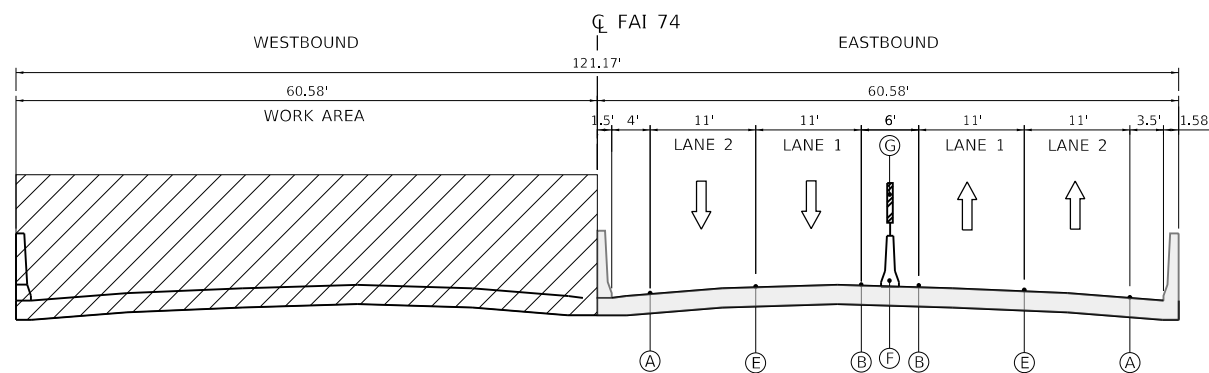
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D570C64-sht-staging-gennotes-002.dgn		DRAWN - MM	REVISED -									74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	40
PLOT SCALE = 20.0000' / in.				CHECKED - DDH	REVISED -	CONTRACT NO. 70C64				ILLINOIS FED. AID PROJECT						
PLOT DATE = 11/15/2019				DATE - 10/16/2019	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.				



EXISTING TYPICAL SECTION OVER ICRR/OAK ST.
I-74
STA 1215+38.07 TO STA 1222+77.83



MOT STAGE 1A
I-74
STA 1215+38.07 TO STA 1222+77.83



MOT STAGE 2A
I-74
STA 1215+38.07 TO STA 1222+77.83

- MOT LEGEND:**
- WORK AREA
 - REHABILITATION WORK COMPLETED IN PRIOR STAGE
 - DIRECTION OF TRAFFIC
 - PAVEMENT MARKING TAPE, TYPE IV - LINE 4" SOLID WHITE
 - PAVEMENT MARKING TAPE, TYPE IV - LINE 4" SOLID YELLOW
 - PAVEMENT MARKING TAPE, TYPE IV - LINE 6" 2'D-6'S SOLID WHITE
 - PAVEMENT MARKING TAPE, TYPE IV - LINE 8" SOLID WHITE
 - PAVEMENT MARKING TAPE, TYPE IV - LINE 6" 10'D-30'S SOLID WHITE
 - TEMPORARY CONCRETE BARRIER
 - MODULAR GLARE SCREEN SYSTEM, TEMPORARY
 - TEMPORARY PAVEMENT MARKING REMOVAL

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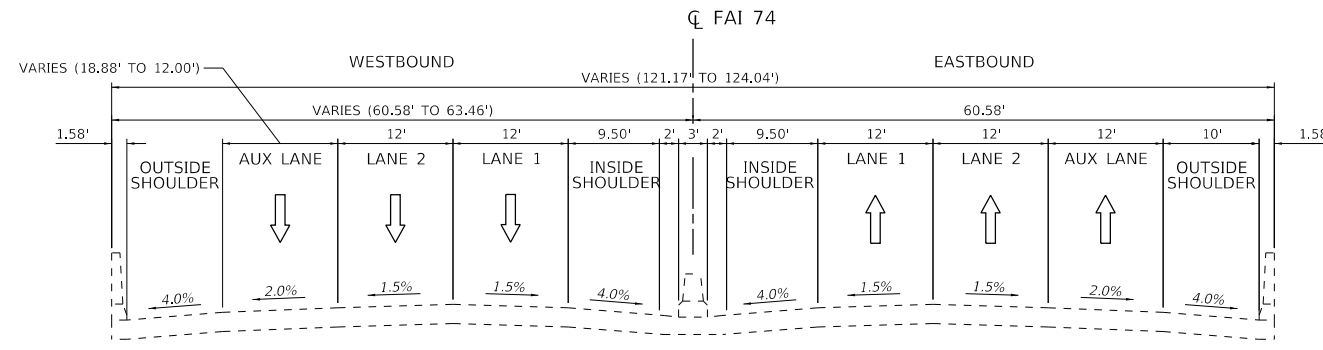
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PLOT SCALE = 20.0000' / in.		DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

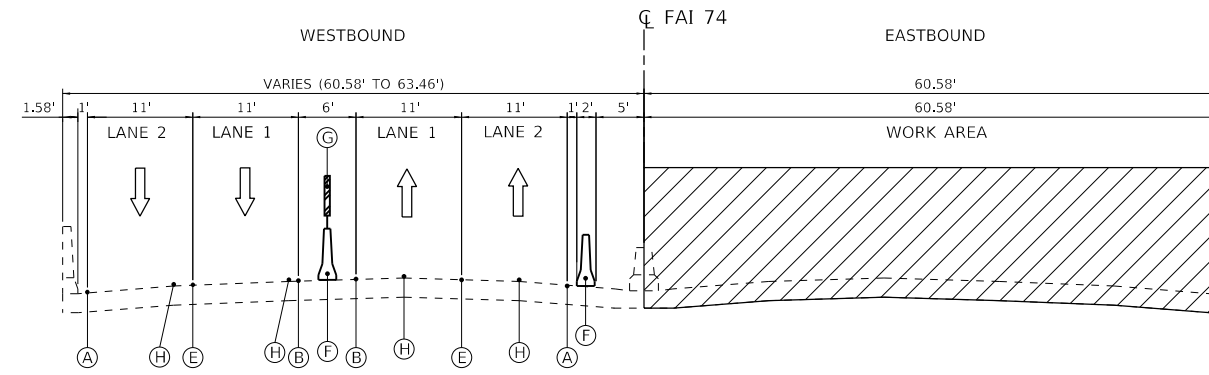
**STAGING TYPICAL SECTIONS
I-74 BRIDGE OVER MARKET ST**

SCALE: SHEET OF SHEETS STA. TO STA.

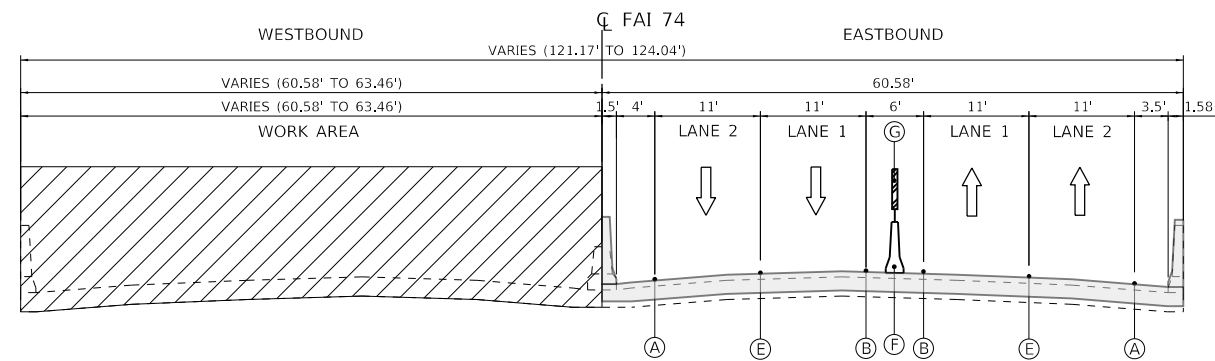
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	41
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION OVER MARKET ST.
I-74
STA 1199+34.33 TO STA 1200+77.83



MOT STAGE 1A
I-74A
STA 1199+34.33 TO STA 1200+77.83



MOT STAGE 2A
I-74
STA 1199+34.33 TO STA 1200+77.83

- MOT LEGEND:**
- WORK AREA
 - REHABILITATION WORK COMPLETED IN PRIOR STAGE
 - DIRECTION OF TRAFFIC
 - PAVEMENT MARKING TAPE, TYPE IV - LINE 4" SOLID WHITE
 - PAVEMENT MARKING TAPE, TYPE IV - LINE 4" SOLID YELLOW
 - PAVEMENT MARKING TAPE, TYPE IV - LINE 6" 2'D-6'S SOLID WHITE
 - PAVEMENT MARKING TAPE, TYPE IV - LINE 8" SOLID WHITE
 - PAVEMENT MARKING TAPE, TYPE IV - LINE 6" 10'D-30'S SOLID WHITE
 - TEMPORARY CONCRETE BARRIER
 - MODULAR GLARE SCREEN SYSTEM, TEMPORARY
 - TEMPORARY PAVEMENT MARKING REMOVAL

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AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Rd, Suite 4B Downers Grove, IL 60518	PLOT SCALE = 20.0000 ' / in.	CHECKED - JR	REVISED -
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






**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING TYPICAL SECTIONS
I-74 BRIDGE OVER ICRROAK ST**

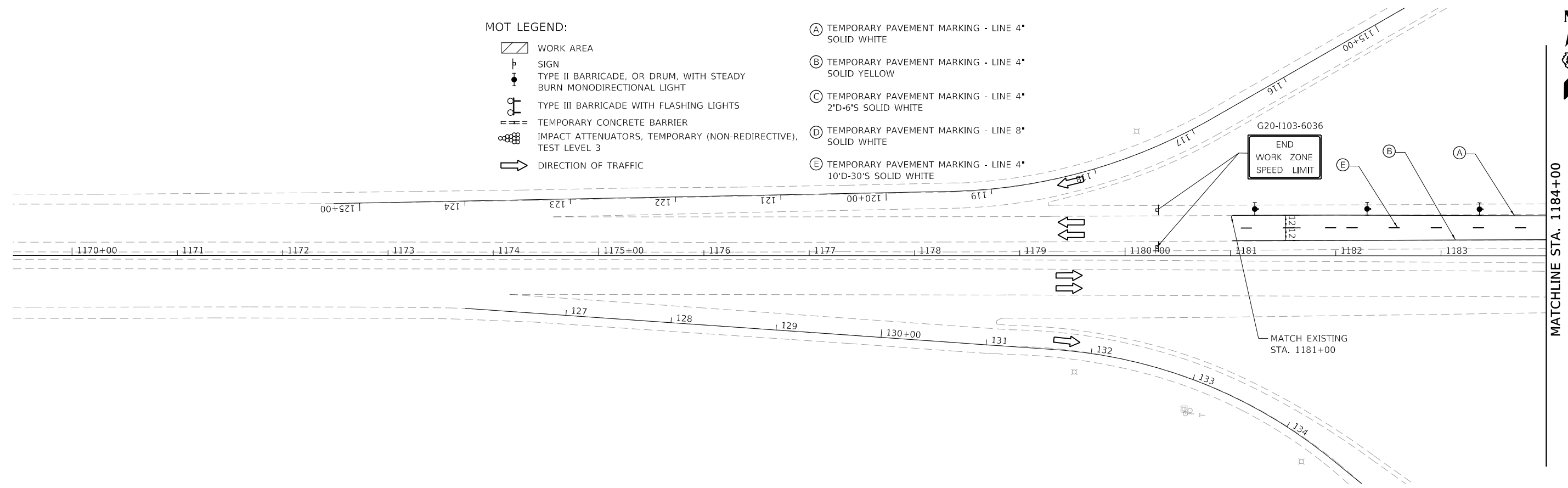
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	42
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

MOT LEGEND:

-  WORK AREA
-  SIGN
-  TYPE II BARRICADE, OR DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
-  DIRECTION OF TRAFFIC

- (A) TEMPORARY PAVEMENT MARKING - LINE 4" SOLID WHITE
- (B) TEMPORARY PAVEMENT MARKING - LINE 4" SOLID YELLOW
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" 2'D-6'S SOLID WHITE
- (D) TEMPORARY PAVEMENT MARKING - LINE 8" SOLID WHITE
- (E) TEMPORARY PAVEMENT MARKING - LINE 4" 10'D-30'S SOLID WHITE



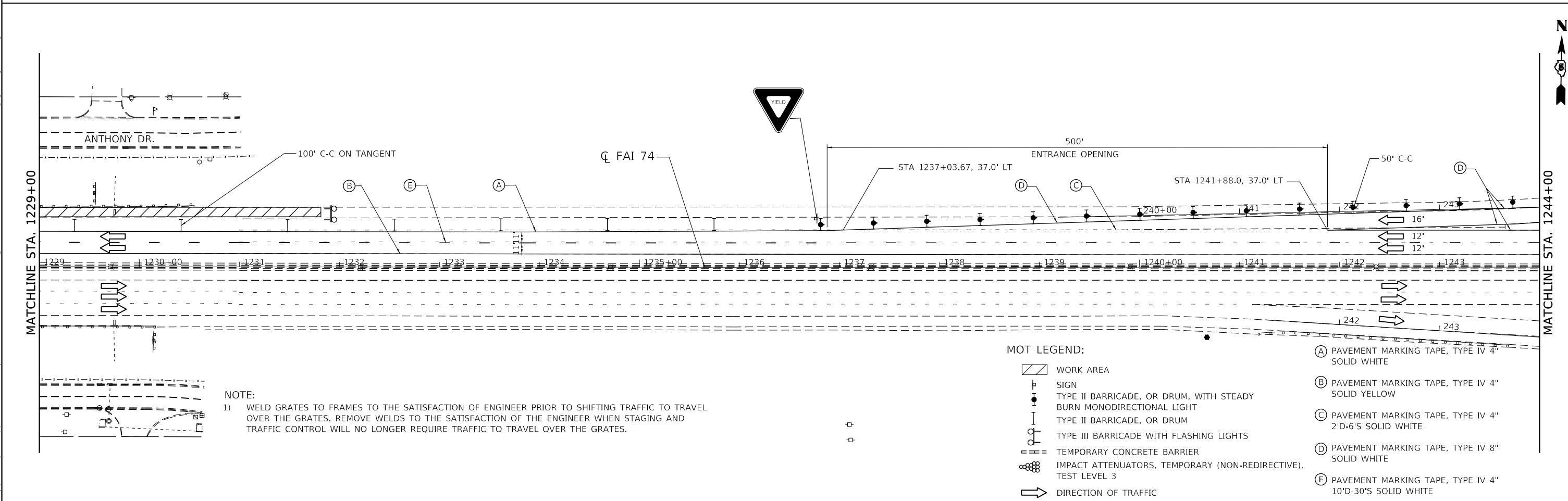
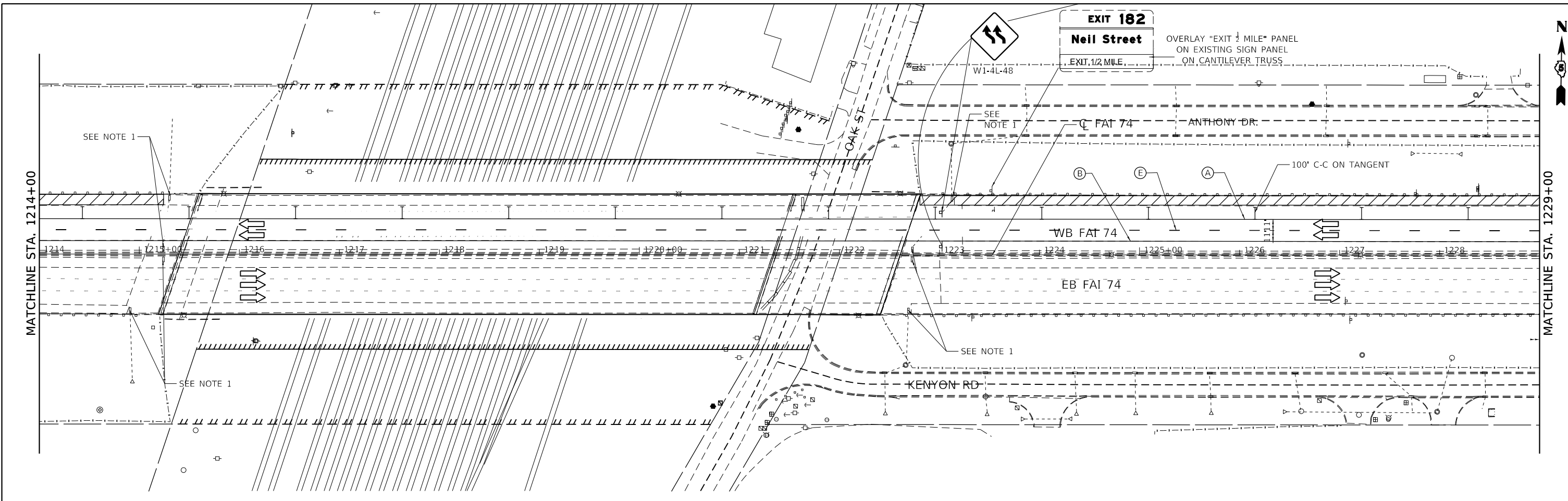
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DRAWN -	MM	CHECKED -	DDH	REVISIED -		DATE -	10/16/2019
PLOT SCALE =	100.0000' / in.	DATE -	10/16/2019	REVISIED -			
PLOT DATE =	10/16/2019						

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGING AND TRAFFIC CONTROL PRE STAGE 1A			
SCALE: 1"=50'	SHEET	OF	SHEETS
	STA. 1184+00	TO	STA. 1214+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	43
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



NOTE:
 1) WELD GRATES TO FRAMES TO THE SATISFACTION OF ENGINEER PRIOR TO SHIFTING TRAFFIC TO TRAVEL OVER THE GRATES. REMOVE WELDS TO THE SATISFACTION OF THE ENGINEER WHEN STAGING AND TRAFFIC CONTROL WILL NO LONGER REQUIRE TRAFFIC TO TRAVEL OVER THE GRATES.

- MOT LEGEND:**
- WORK AREA
 - SIGN
 - TYPE II BARRICADE, OR DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
 - TYPE II BARRICADE, OR DRUM
 - TYPE III BARRICADE WITH FLASHING LIGHTS
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
 - DIRECTION OF TRAFFIC
 - (A) PAVEMENT MARKING TAPE, TYPE IV 4" SOLID WHITE
 - (B) PAVEMENT MARKING TAPE, TYPE IV 4" SOLID YELLOW
 - (C) PAVEMENT MARKING TAPE, TYPE IV 4" 2'D-6'S SOLID WHITE
 - (D) PAVEMENT MARKING TAPE, TYPE IV 8" SOLID WHITE
 - (E) PAVEMENT MARKING TAPE, TYPE IV 4" 10'D-30'S SOLID WHITE

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 exp U.S. Services Inc.
 Chicago, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
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100.0000' / in.	DDH	10/16/2019	
PLOT DATE =	DATE -	REVISED -	
10/16/2019	10/16/2019		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

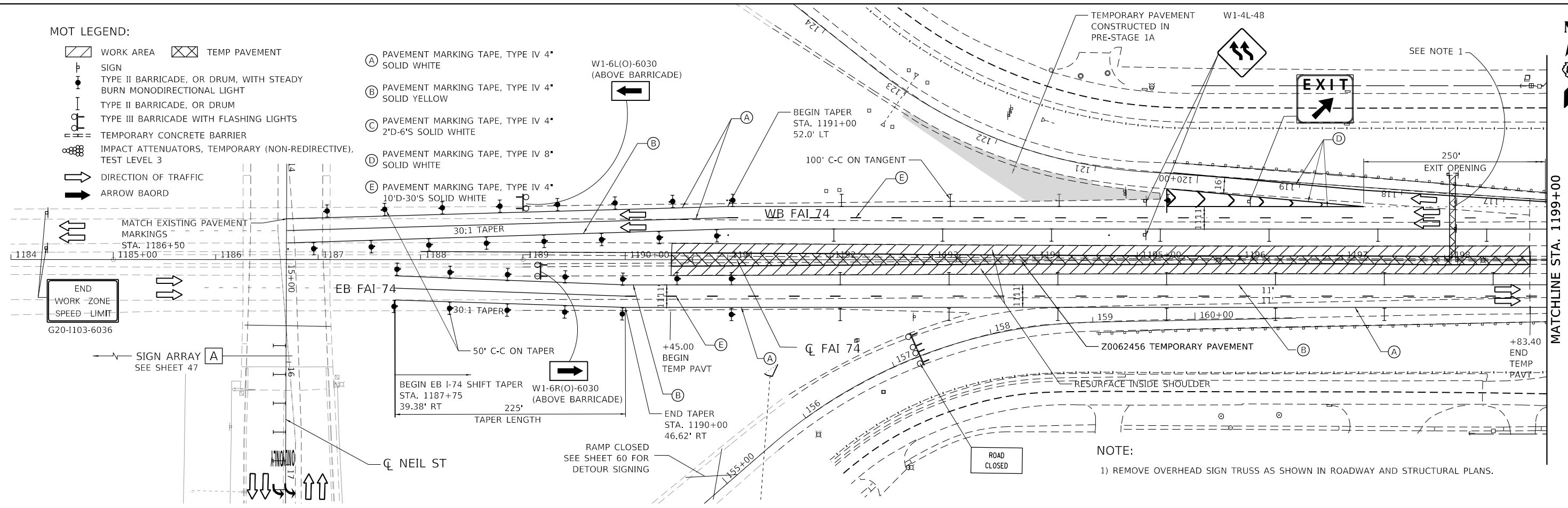
STAGING AND TRAFFIC CONTROL PRE STAGE 1A			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. 1214+00 TO STA. 1244+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

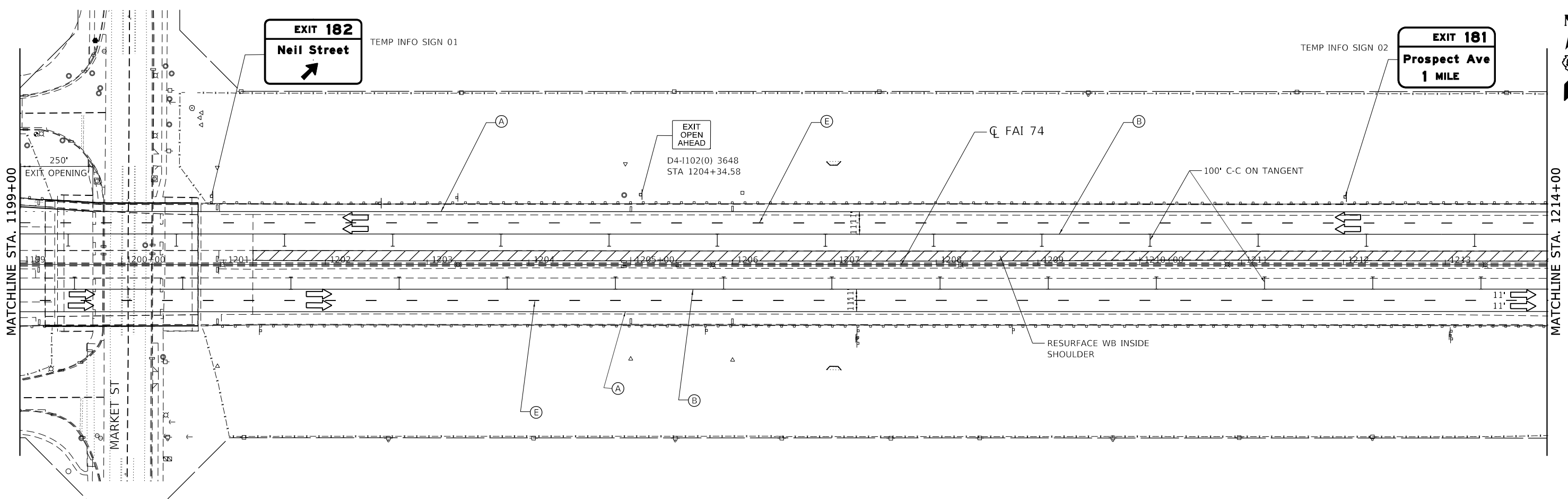
MOT LEGEND:

- WORK AREA
- TEMP PAVEMENT
- SIGN
- TYPE II BARRICADE, OR DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, OR DRUM
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DIRECTION OF TRAFFIC
- ARROW BOARD

- (A) PAVEMENT MARKING TAPE, TYPE IV 4" SOLID WHITE
- (B) PAVEMENT MARKING TAPE, TYPE IV 4" SOLID YELLOW
- (C) PAVEMENT MARKING TAPE, TYPE IV 4" 2"D-6"S SOLID WHITE
- (D) PAVEMENT MARKING TAPE, TYPE IV 8" SOLID WHITE
- (E) PAVEMENT MARKING TAPE, TYPE IV 4" 10"D-30"S SOLID WHITE

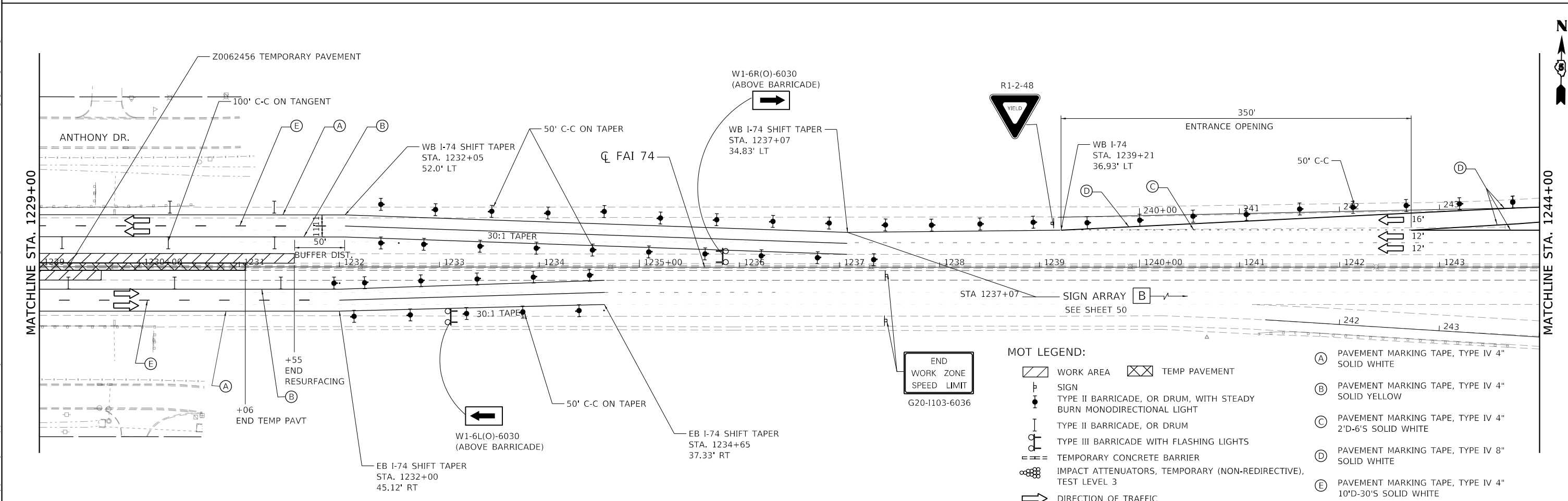
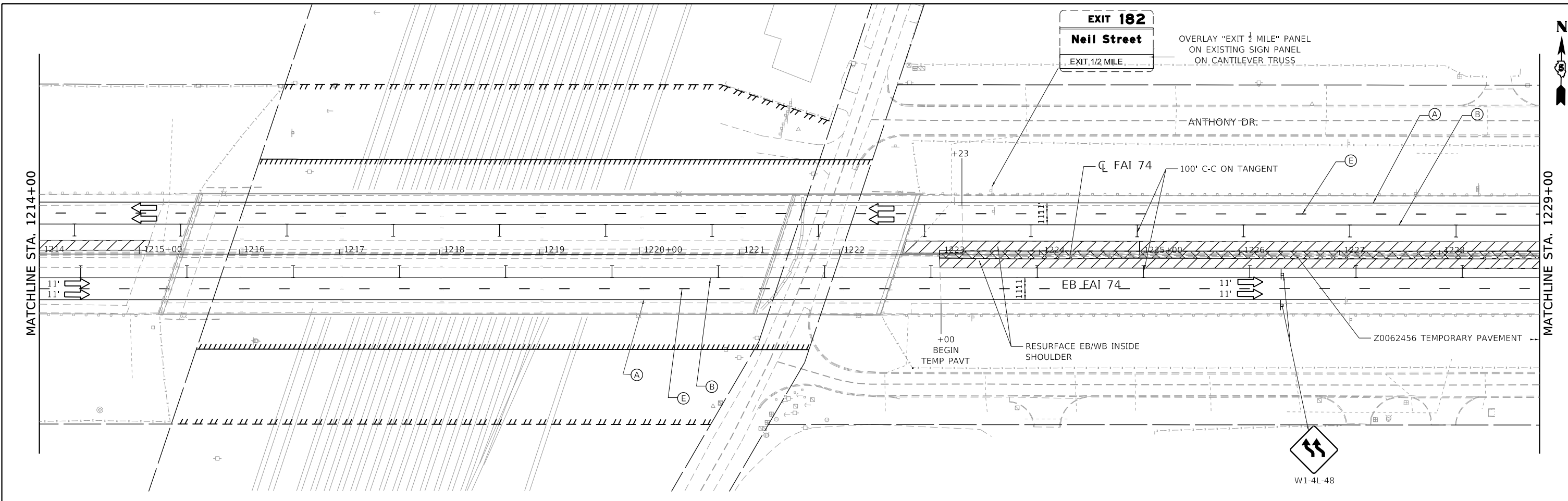


NOTE:
1) REMOVE OVERHEAD SIGN TRUSS AS SHOWN IN ROADWAY AND STRUCTURAL PLANS.



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 PROJECT: CH1002_02 - CH1002.dwg
 USER: onealm
 DATE: 11/15/2019

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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100,0000' / in.	CHECKED - DDH	REVISED -			SCALE: 1"=50'	SHEET OF SHEETS	STA. 1184+00 TO STA. 1214+00	CONTRACT NO. 70C64		
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 11/15/2019	DATE = 10/16/2019	REVISED -			ILLINOIS FED. AID PROJECT					



FILE NAME = D570C64-sht-staging-PreStage-2-002.dgn	USER NAME = onealm	DESIGNED - MM	REVISED -
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 11/15/2019	CHECKED - DDH	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING AND TRAFFIC CONTROL
PRE STAGE 2 AND STAGE 3**

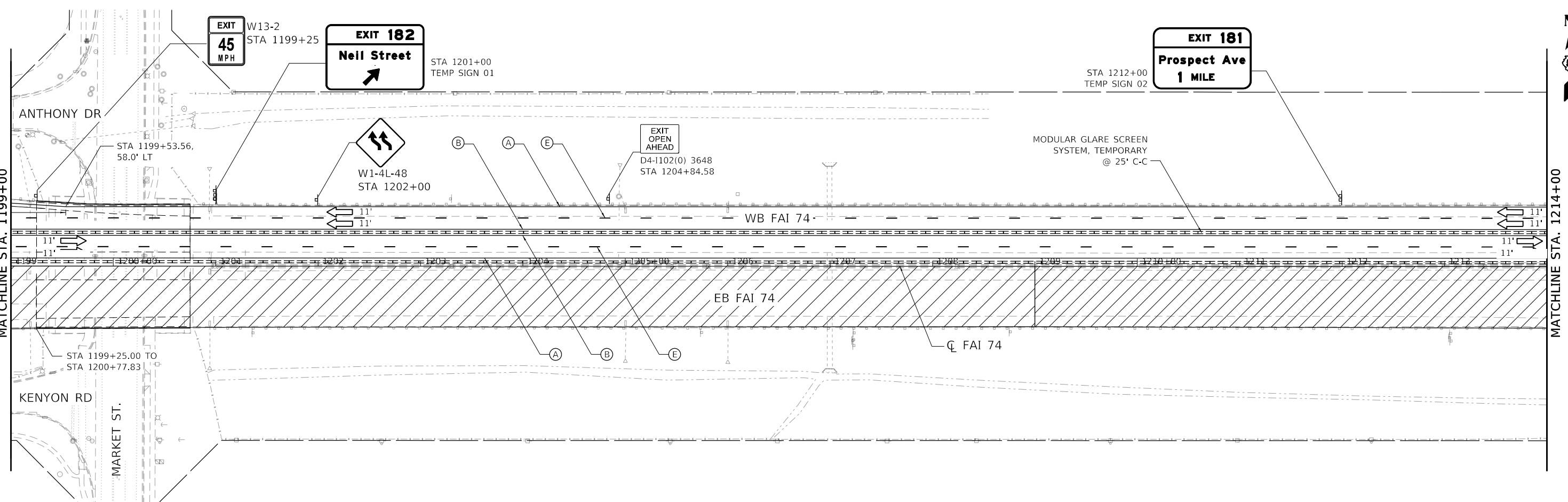
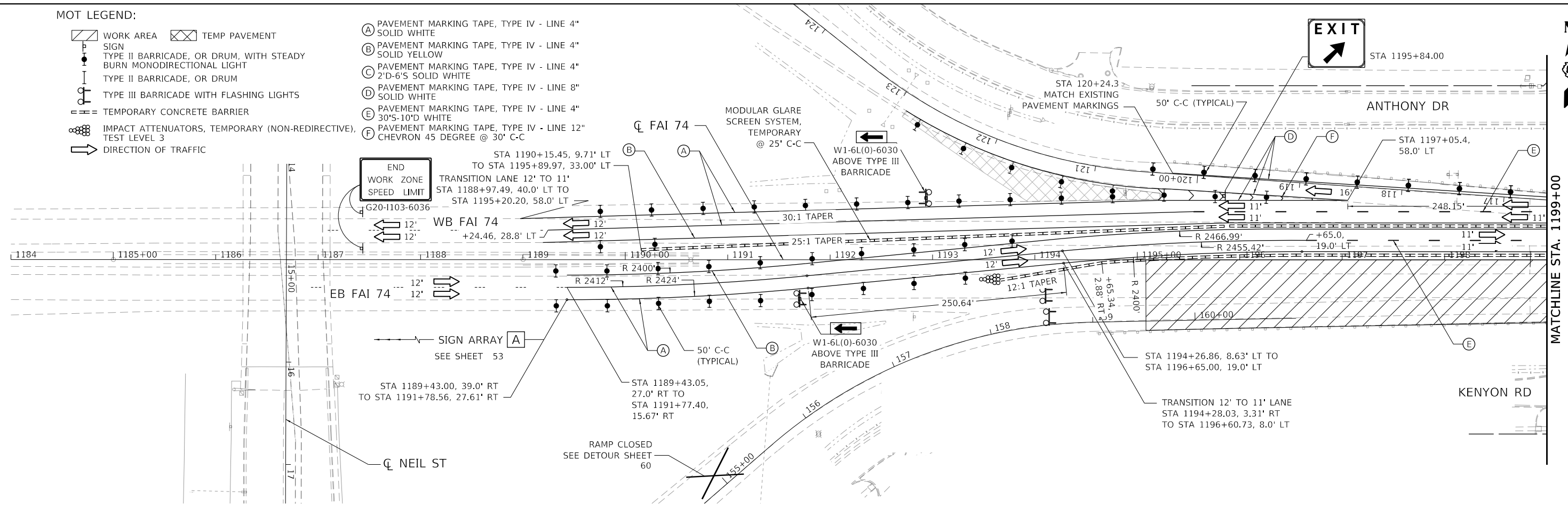
SCALE: 1"=50' SHEET OF SHEETS STA. 1214+00 TO STA. 1244+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

MOT LEGEND:

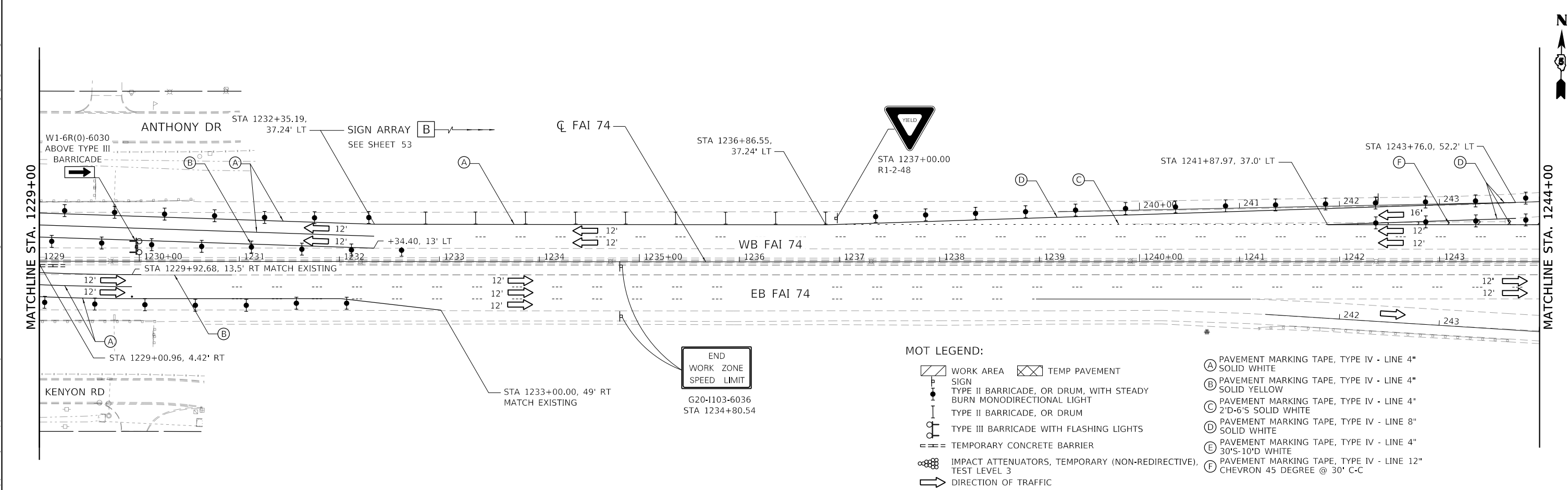
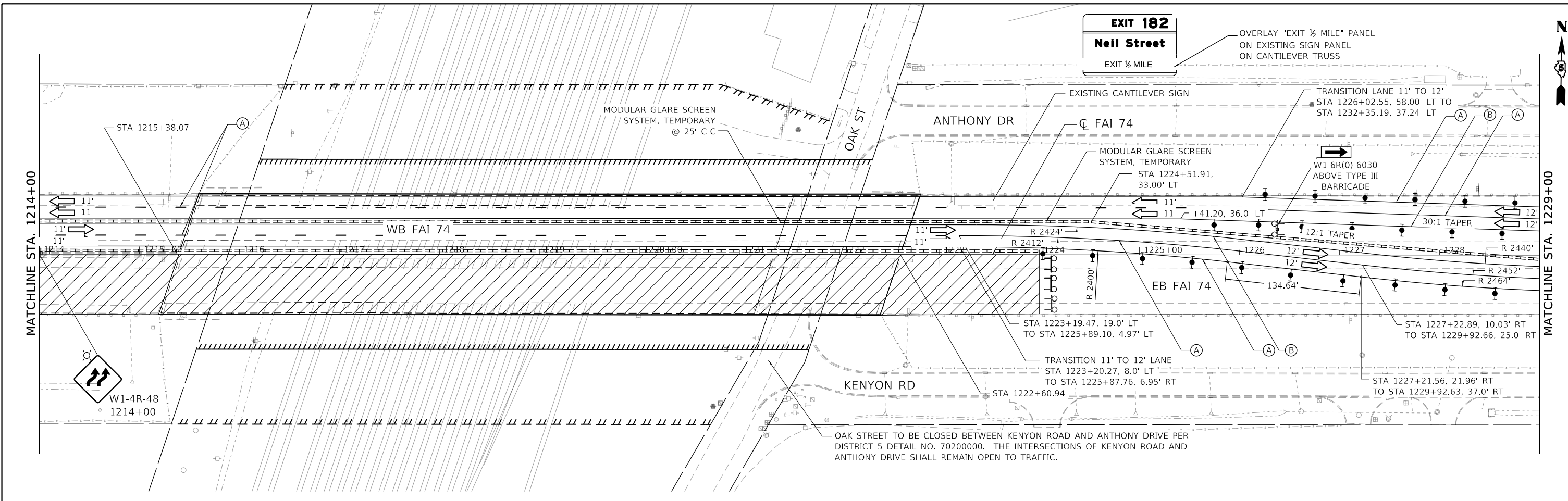
- WORK AREA
- TEMP PAVEMENT
- SIGN
- TYPE II BARRICADE, OR DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, OR DRUM
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DIRECTION OF TRAFFIC

- (A) PAVEMENT MARKING TAPE, TYPE IV - LINE 4" SOLID WHITE
- (B) PAVEMENT MARKING TAPE, TYPE IV - LINE 4" SOLID YELLOW
- (C) PAVEMENT MARKING TAPE, TYPE IV - LINE 4" 2'D-6'S SOLID WHITE
- (D) PAVEMENT MARKING TAPE, TYPE IV - LINE 8" SOLID WHITE
- (E) PAVEMENT MARKING TAPE, TYPE IV - LINE 4" 30'S-10'D WHITE
- (F) PAVEMENT MARKING TAPE, TYPE IV - LINE 12" CHEVRON 45 DEGREE @ 30' C-C



MODEL: Default
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AMES Engineering, Inc. CONSULTING ENGINEERS 630 Belmont Rd, Suite 4B Downers Grove, IL 60518	PLOT SCALE = 100.0000' / in.	CHECKED - JR	REVISED -		SCALE: 1"=50'	SHEET OF SHEETS	STA. 1184+00 TO STA. 1214+00	ILLINOIS FED. AID PROJECT				
	PLOT DATE = 11/15/2019	DATE - 10/16/2019	REVISED -									
CONTRACT NO. 70C64												



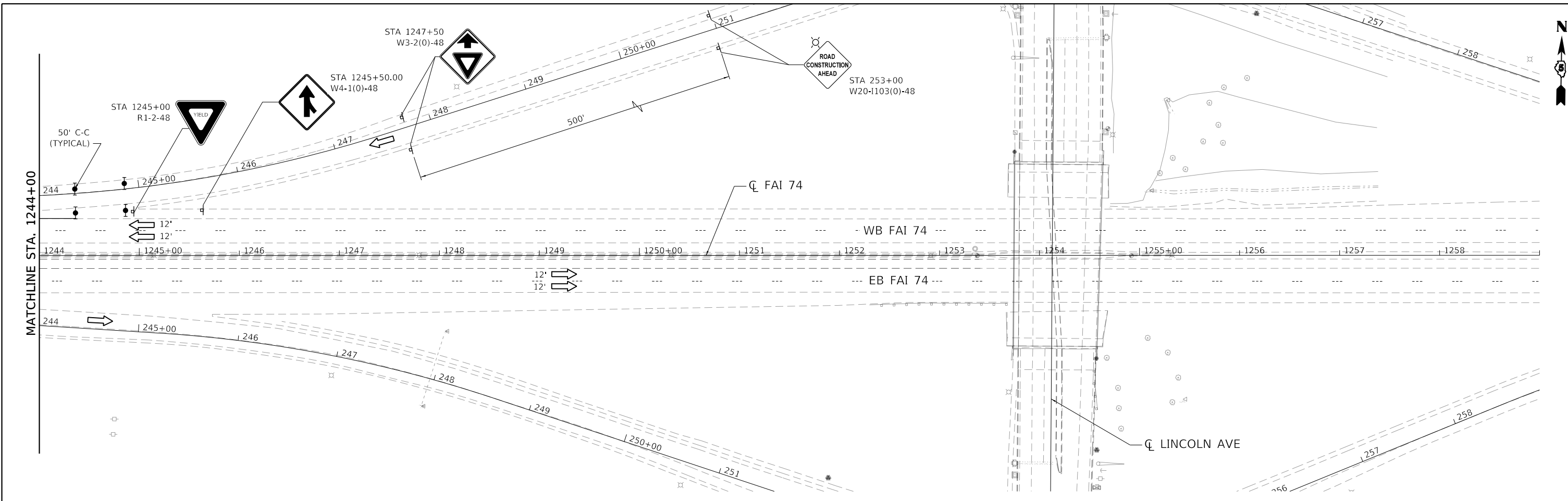
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FILE NAME =	USER NAME = onealm	DESIGNED - JR	REVISED -
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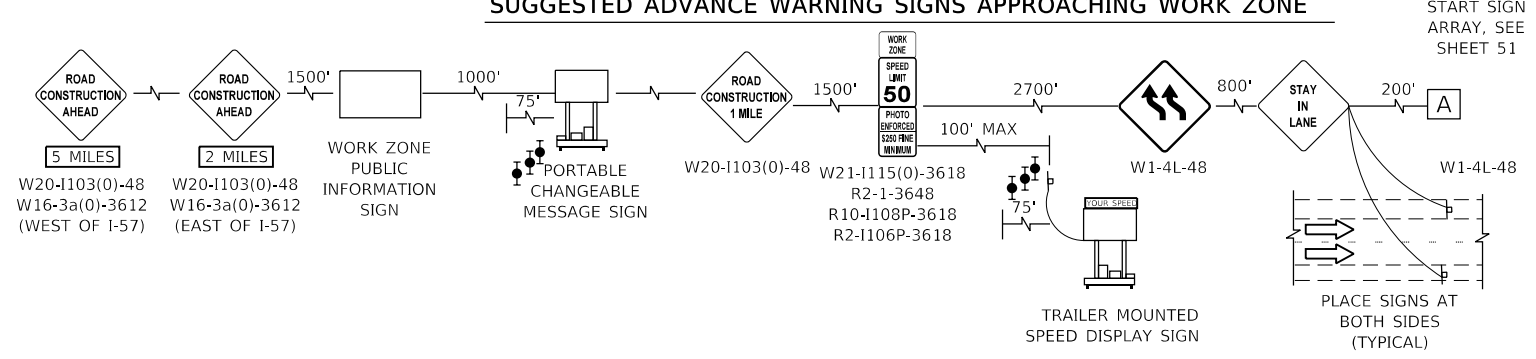
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL STAGE 1A			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. 1214+00 TO STA. 1244+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	52
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



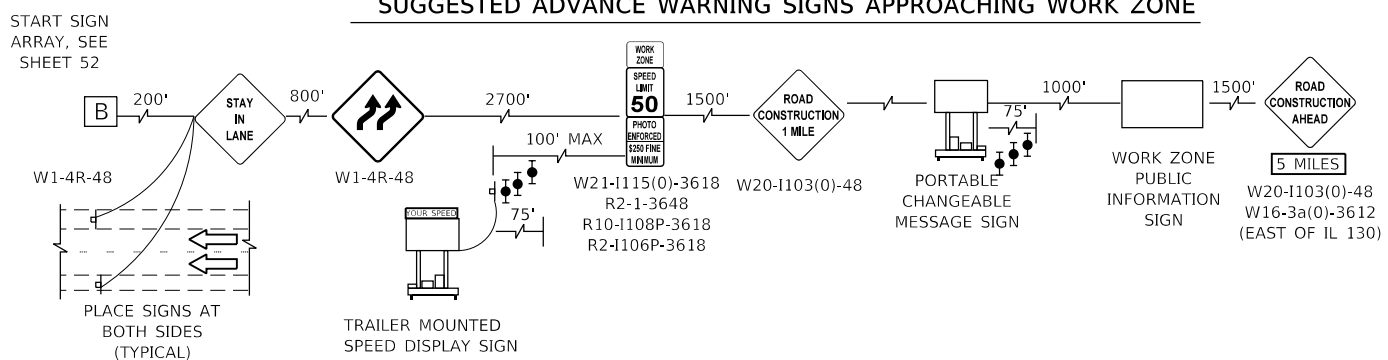
SUGGESTED ADVANCE WARNING SIGNS APPROACHING WORK ZONE



MOT LEGEND:

- WORK AREA
- TEMP PAVEMENT
- SIGN
- TYPE II BARRICADE, OR DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DIRECTION OF TRAFFIC
- PAVEMENT MARKING TAPE, TYPE IV - LINE 4" SOLID WHITE
- PAVEMENT MARKING TAPE, TYPE IV - LINE 4" SOLID YELLOW
- PAVEMENT MARKING TAPE, TYPE IV - LINE 4" 2'D-6'S SOLID WHITE
- PAVEMENT MARKING TAPE, TYPE IV - LINE 8" SOLID WHITE
- PAVEMENT MARKING TAPE, TYPE IV - LINE 4" 30'S-10'D WHITE
- PAVEMENT MARKING TAPE, TYPE IV - LINE 12" CHEVRON 45 DEGREE @ 30' C-C

SUGGESTED ADVANCE WARNING SIGNS APPROACHING WORK ZONE



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 DESIGNED: JR
 DRAWN: MA
 CHECKED: JR
 DATE: 10/16/2019
 AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Belmont Rd, Suite 4B
 Downers Grove, IL 60518

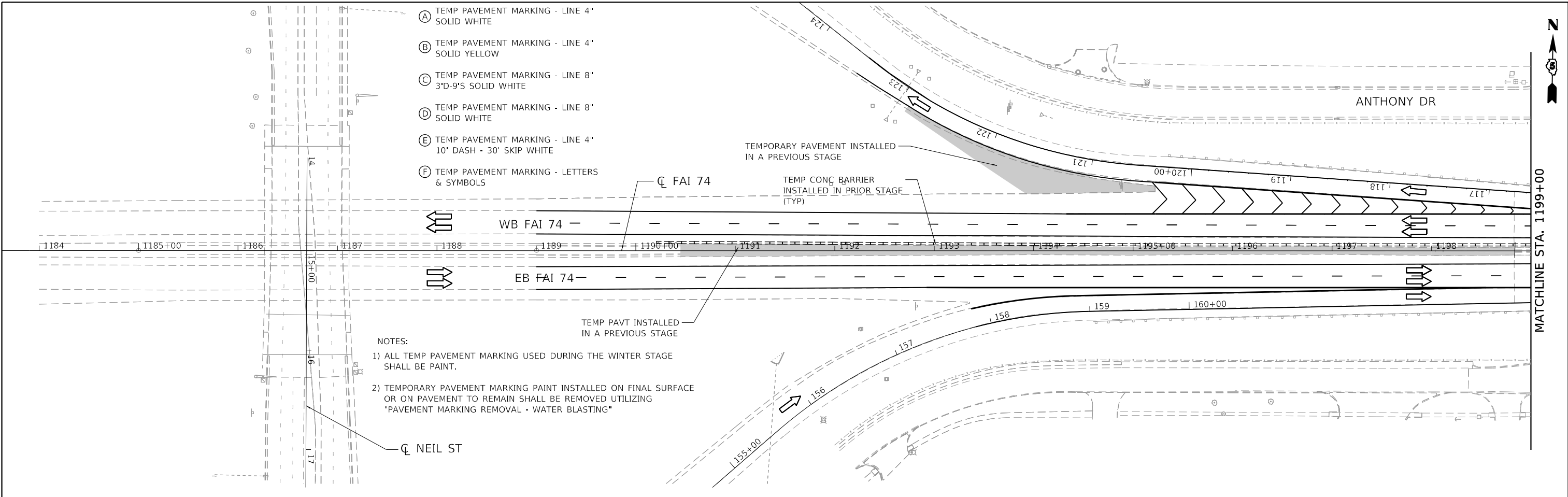
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING AND TRAFFIC CONTROL
STAGE 1A**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	53
CONTRACT NO. 70C64				

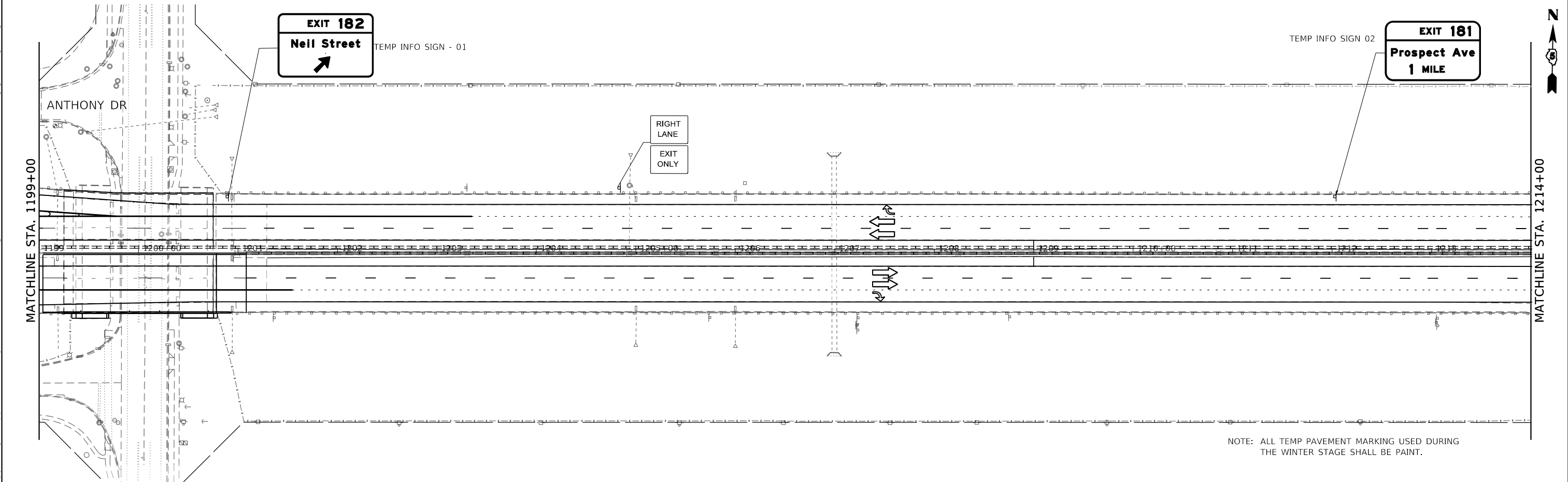
SCALE: 1"=50' SHEET OF SHEETS STA. 1244+00 TO STA. 1259+00

ILLINOIS FED. AID PROJECT



- (A) TEMP PAVEMENT MARKING - LINE 4" SOLID WHITE
- (B) TEMP PAVEMENT MARKING - LINE 4" SOLID YELLOW
- (C) TEMP PAVEMENT MARKING - LINE 8" 3'D-9'S SOLID WHITE
- (D) TEMP PAVEMENT MARKING - LINE 8" SOLID WHITE
- (E) TEMP PAVEMENT MARKING - LINE 4" 10' DASH - 30' SKIP WHITE
- (F) TEMP PAVEMENT MARKING - LETTERS & SYMBOLS

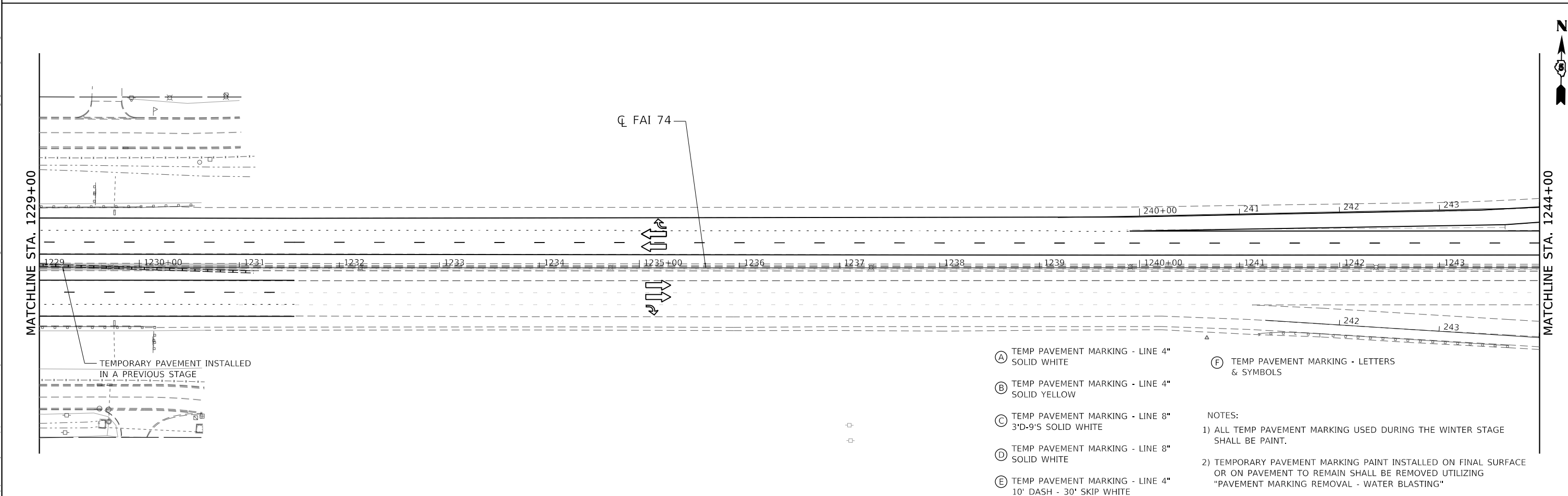
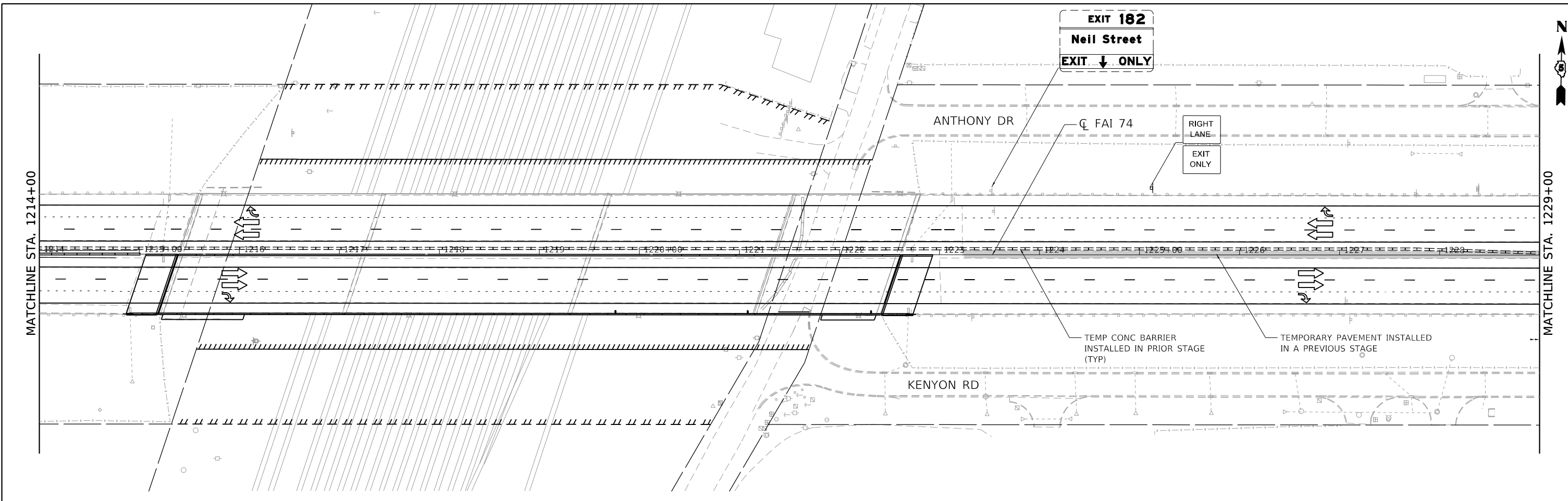
NOTES:
 1) ALL TEMP PAVEMENT MARKING USED DURING THE WINTER STAGE SHALL BE PAINT.
 2) TEMPORARY PAVEMENT MARKING PAINT INSTALLED ON FINAL SURFACE OR ON PAVEMENT TO REMAIN SHALL BE REMOVED UTILIZING "PAVEMENT MARKING REMOVAL - WATER BLASTING"



NOTE: ALL TEMP PAVEMENT MARKING USED DURING THE WINTER STAGE SHALL BE PAINT.

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 FILE NAME: exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

FILE NAME = D570C64-sht-staging-WinterStage-001.dgn	USER NAME = onealm	DESIGNED - MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING AND TRAFFIC CONTROL WINTER STAGE				F.A.I. RTE. = 74	SECTION = (14-1)BR, (14HB-2)BR-1	COUNTY = CHAMPAIGN	TOTAL SHEETS = 201	SHEET NO. = 54
PLOT SCALE = 100,0000' / in.	CHECKED - DDH	REVISED -	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 1184+00	TO STA. 1214+00	CONTRACT NO. 70C64		
PLOT DATE = 11/15/2019	DATE = 10/16/2019	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT								



- (A) TEMP PAVEMENT MARKING - LINE 4" SOLID WHITE
 - (B) TEMP PAVEMENT MARKING - LINE 4" SOLID YELLOW
 - (C) TEMP PAVEMENT MARKING - LINE 8" 3'D-9'S SOLID WHITE
 - (D) TEMP PAVEMENT MARKING - LINE 8" SOLID WHITE
 - (E) TEMP PAVEMENT MARKING - LINE 4" 10' DASH - 30' SKIP WHITE
 - (F) TEMP PAVEMENT MARKING - LETTERS & SYMBOLS
- NOTES:
 1) ALL TEMP PAVEMENT MARKING USED DURING THE WINTER STAGE SHALL BE PAINT.
 2) TEMPORARY PAVEMENT MARKING PAINT INSTALLED ON FINAL SURFACE OR ON PAVEMENT TO REMAIN SHALL BE REMOVED UTILIZING "PAVEMENT MARKING REMOVAL - WATER BLASTING"

MODEL: Default
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 exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

FILE NAME = D570C64-sh-t-staging-WinterStage-002.dgn	USER NAME = onealm	DESIGNED - MM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - DDH	DRAWN - MM	REVISED -
PLOT DATE = 11/15/2019	DATE - 10/16/2019	REVISOR -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

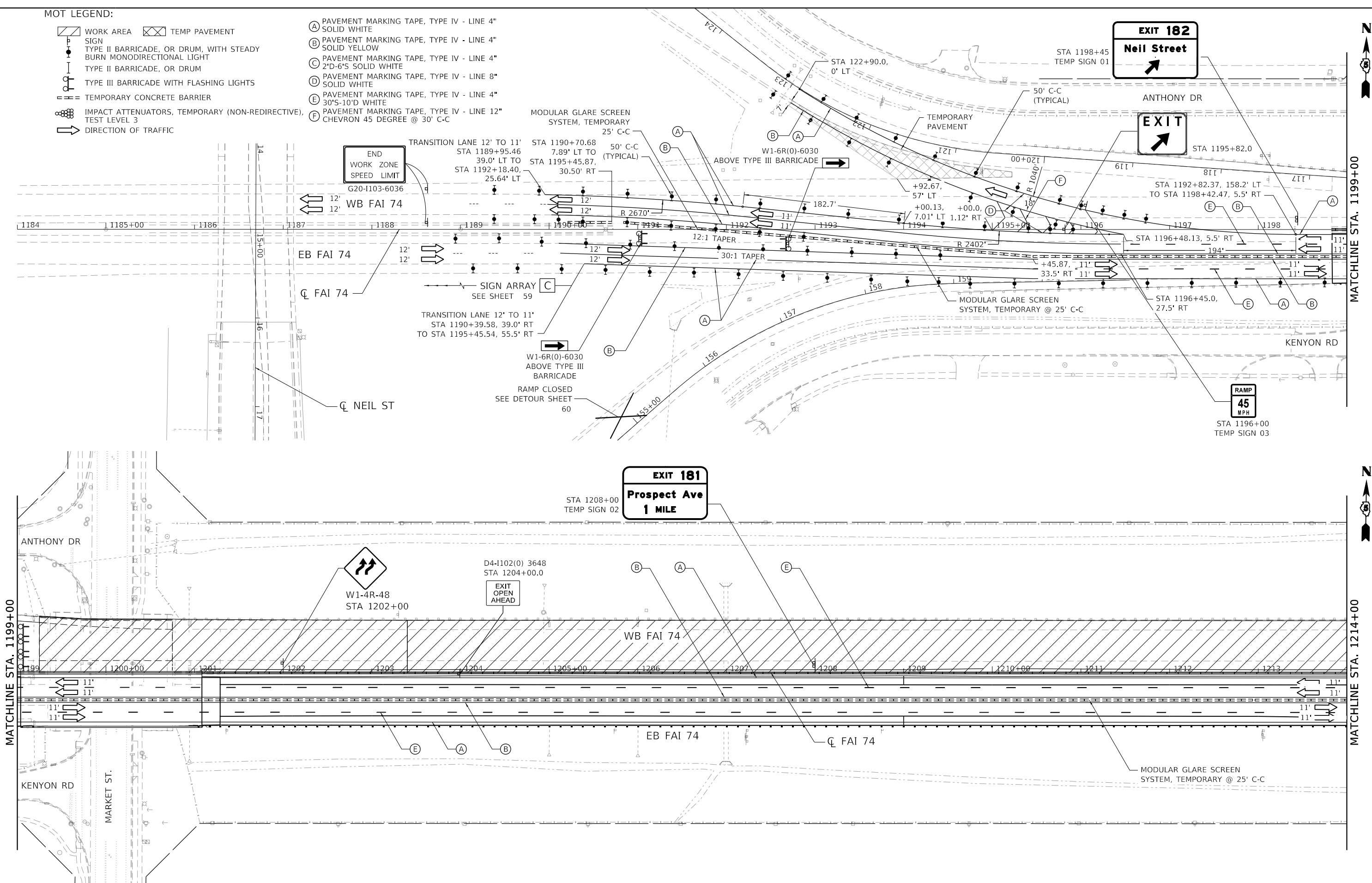
SCALE: 1"=50'		SHEET OF SHEETS		STA. 1214+00 TO STA. 1244+00		F.A.I. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	55	

CONTRACT NO. 70C64	
ILLINOIS	FED. AID PROJECT

MOT LEGEND:

- WORK AREA
- TEMP PAVEMENT
- SIGN
- TYPE II BARRICADE, OR DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, OR DRUM
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DIRECTION OF TRAFFIC

- (A) PAVEMENT MARKING TAPE, TYPE IV - LINE 4" SOLID WHITE
- (B) PAVEMENT MARKING TAPE, TYPE IV - LINE 4" SOLID YELLOW
- (C) PAVEMENT MARKING TAPE, TYPE IV - LINE 4" 2"D-6"S SOLID WHITE
- (D) PAVEMENT MARKING TAPE, TYPE IV - LINE 8" SOLID WHITE
- (E) PAVEMENT MARKING TAPE, TYPE IV - LINE 4" 30'S-10'D WHITE
- (F) PAVEMENT MARKING TAPE, TYPE IV - LINE 12" CHEVRON 45 DEGREE @ 30' C-C



MODEL: Default
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USER NAME = onealm
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 11/15/2019

DESIGNED - JR
 DRAWN - MA
 CHECKED - JR
 DATE - 10/16/2019

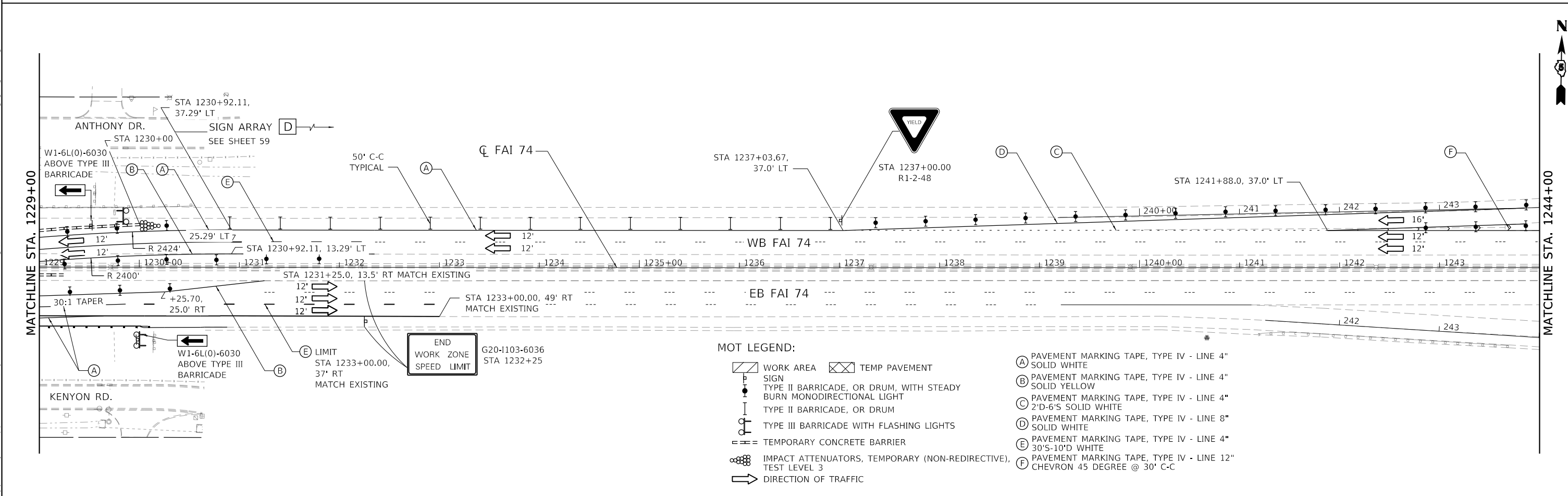
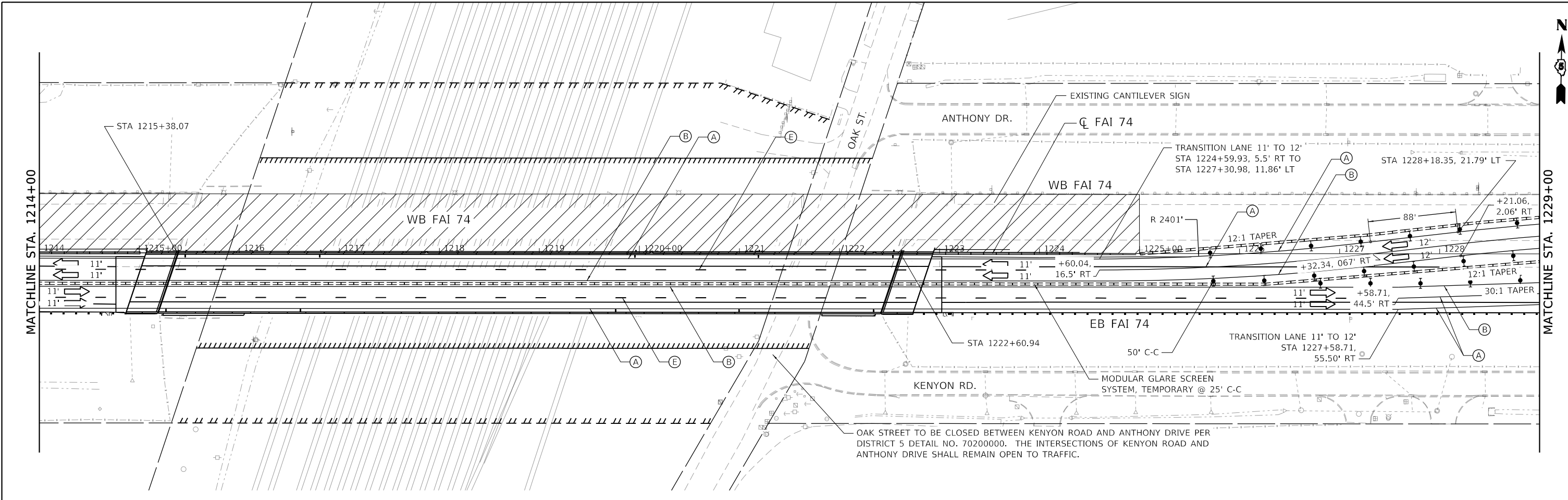
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGING AND TRAFFIC CONTROL
 STAGE 2A**

SCALE: 1"=50' SHEET OF SHEETS STA. 1214+00 TO STA. 1244+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	57
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



MOT LEGEND:

- WORK AREA
- TEMP PAVEMENT
- SIGN
- TYPE II BARRICADE, OR DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, OR DRUM
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
- DIRECTION OF TRAFFIC
- PAVEMENT MARKING TAPE, TYPE IV - LINE 4" SOLID WHITE
- PAVEMENT MARKING TAPE, TYPE IV - LINE 4" SOLID YELLOW
- PAVEMENT MARKING TAPE, TYPE IV - LINE 4" 2'-D-6'S SOLID WHITE
- PAVEMENT MARKING TAPE, TYPE IV - LINE 8" SOLID WHITE
- PAVEMENT MARKING TAPE, TYPE IV - LINE 4" 30'-10'D WHITE
- PAVEMENT MARKING TAPE, TYPE IV - LINE 12" CHEVRON 45 DEGREE @ 30' C-C

MODEL: Default
 FILE NAME: D570C64-sht-staging-Stage-2-002.dgn
 USER: onealm
 DESIGNED: JR
 DRAWN: MA
 CHECKED: JR
 DATE: 10/16/2019
 AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Belmont Rd., Suite 4B
 Downers Grove, IL 60155

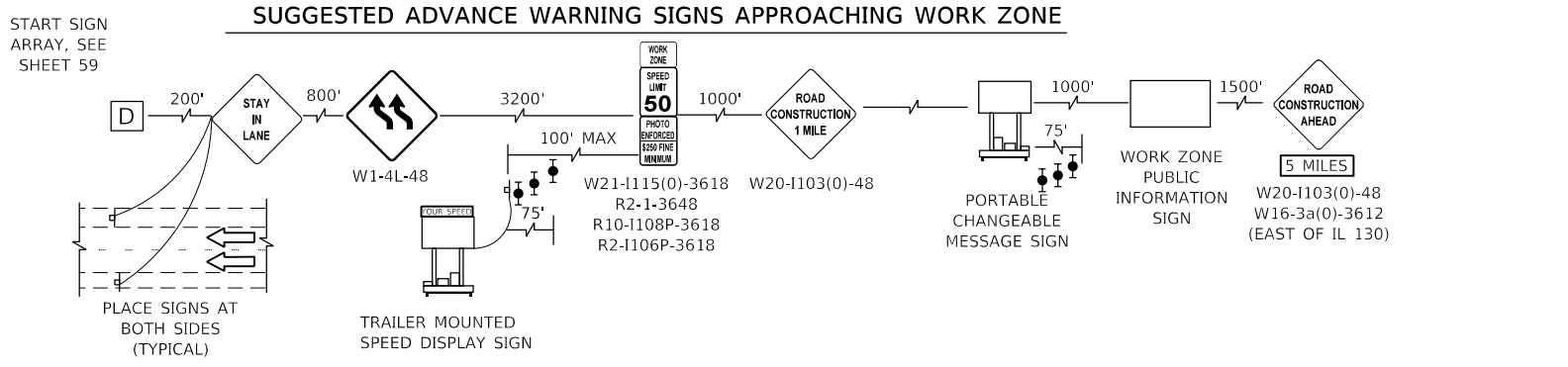
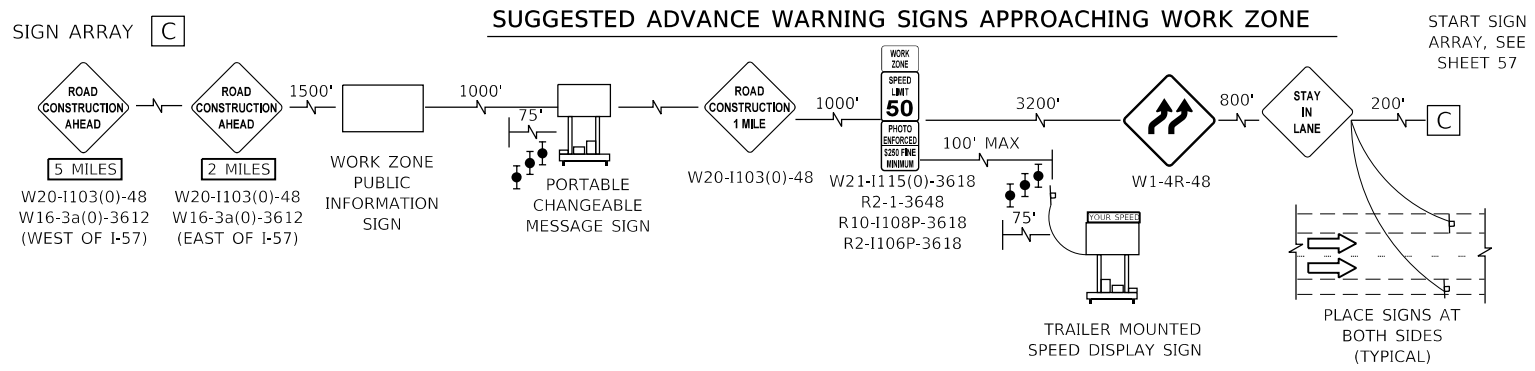
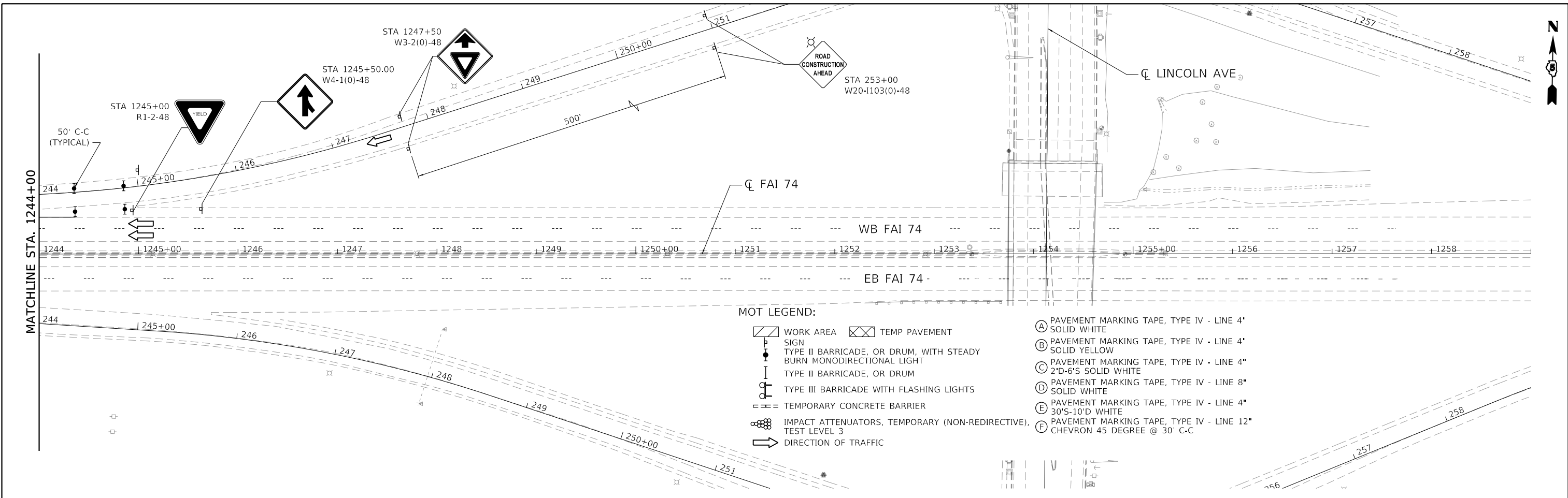
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING AND TRAFFIC CONTROL
STAGE 2A**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	58
CONTRACT NO. 70C64				

SCALE: 1"=50' SHEET OF SHEETS STA. 1244+00 TO STA. 1259+00

ILLINOIS FED. AID PROJECT



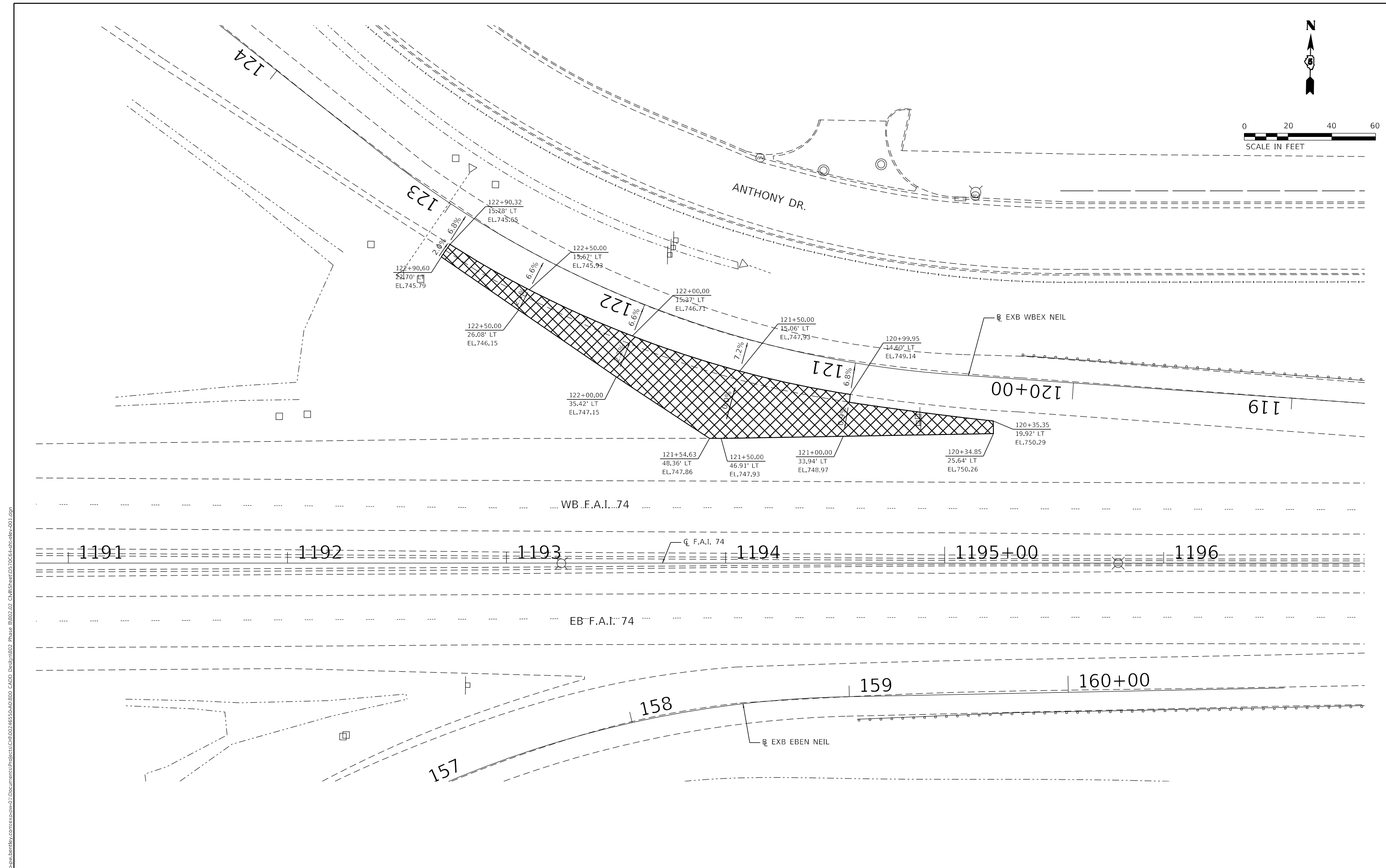
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 DRAWN: MA
 CHECKED: JR
 DATE: 10/16/2019
 AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Balmore Rd, Suite 4B
 Downers Grove, IL 60518

FILE NAME =	USER NAME = onealm	DESIGNED - JR	REVISED -
D570C64-sht-staging-Stage-2-003.dgn		DRAWN - MA	REVISED -
PLOT SCALE = 100,0000' / in.		CHECKED - JR	REVISED -
PLOT DATE = 11/15/2019		DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGING AND TRAFFIC CONTROL STAGE 2A			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	59
CONTRACT NO. 70C64				
		ILLINOIS	FED. AID PROJECT	



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 exp U.S. Services Inc.
 Chicago, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

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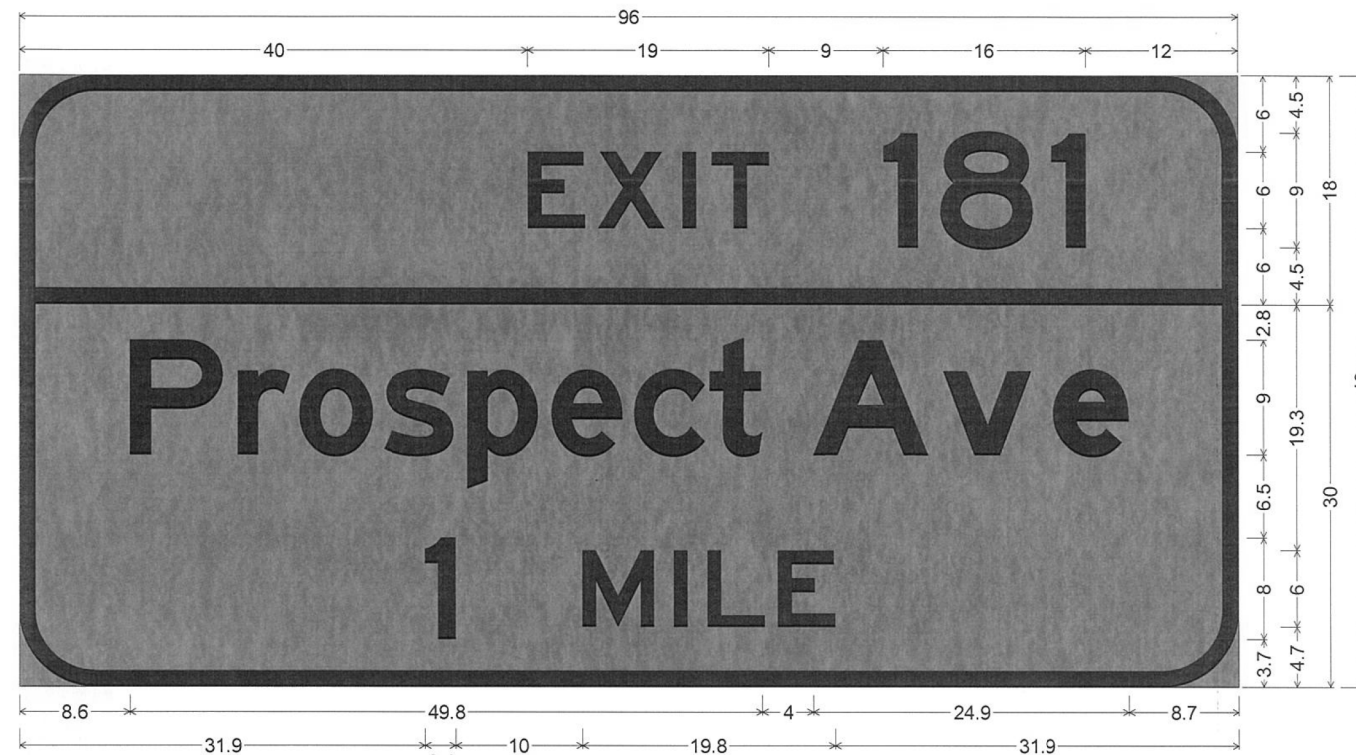
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
TEMPORARY RAMP GRADING DETAIL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	61
CONTRACT NO. 70C64				
		ILLINOIS	FED. AID PROJECT	

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

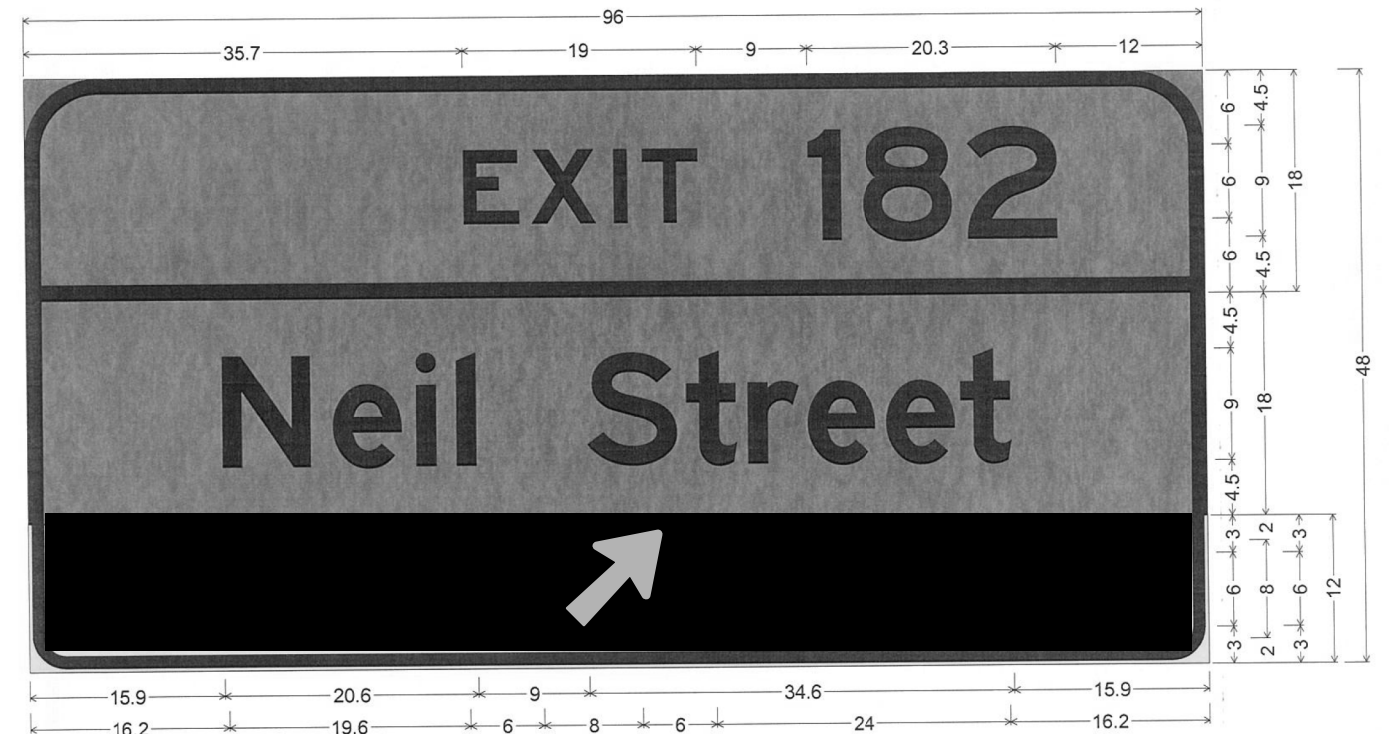
TEMP INFO SIGN - 02



6.0" Radius, 1.3" Border, Black on Orange; "EXIT" E 2K 120% spacing; "181" E 2K;
 6.0" Radius, 1.3" Border, Black on Orange; "Prospect" E 2K; "Ave" E Mod 2K; "1" E 2K; "MILE" E 2K;
 Table of letter and object lefts.

E	X	I	T	1	8	1				
40.0	45.5	52.2	54.5	68.0	72.5	81.3				
P	r	o	s	p	e	c	t	A	v	e
8.6	17.1	22.0	28.6	35.2	41.9	48.3	54.3	62.4	72.7	81.4
1	M	I	L	E						
31.9	44.3	51.5	54.1	59.6						

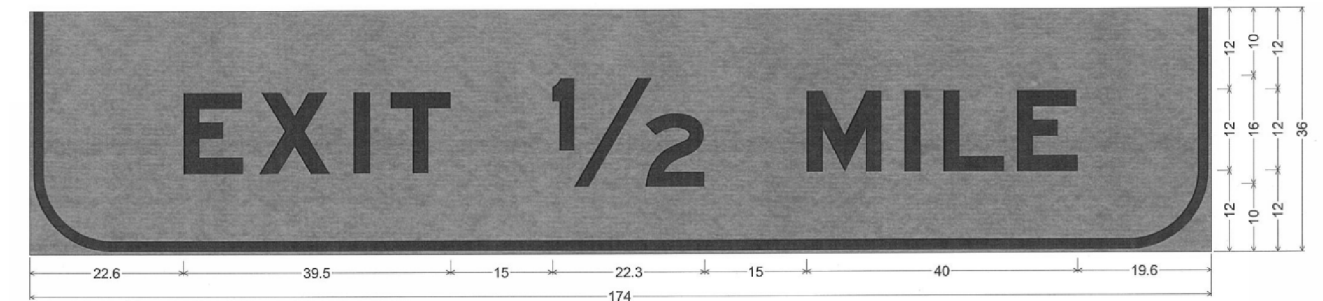
TEMP INFO SIGN - 01



6.0" Radius, 1.3" Border, Black on Orange; "EXIT" E 2K 120% spacing; "182" E 2K;
 6.0" Radius, 1.3" Border, Black on Orange; "Neil Street" E 2K;
 3.0" Radius, 1.0" Border, 0.3" Indent, Black on Yellow; "EXIT" E 2K 140% spacing; Arrow Custom - 10.0" 45°; "ONLY" E 2K;
 Table of letter and object lefts.

E	X	I	T	1	8	2			
35.7	41.2	47.9	50.2	63.7	68.2	76.7			
N	e	i	l	S	t	r	e	e	t
15.9	24.9	31.7	34.9	45.5	53.5	58.6	63.4	69.9	75.9
E	X	I	T	↗	O	N	L	Y	
16.2	21.9	28.8	31.3	41.8	55.8	62.2	68.7	73.6	

PANEL OVERLAY



12.0" Radius, 1.5" Border, 0.5" Indent, Black on Orange; "EXIT" E Mod 2K 140% spacing; "1/2" E Mod 2K; "MILE" E Mod 2K;
 Table of letter and object lefts.

E	X	I	T	1/2	M	I	L	E
22.6	33.8	47.8	53.2	77.1	114.4	129.0	134.7	145.5

MODEL: Default
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 exp U.S. Services Inc.
 Chicago, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

FILE NAME = D570C64-sht-sign-001.dgn	USER NAME = onealm	DESIGNED - JP	REVISED -
PLOT SCALE = 6.6667' / in.	CHECKED - DH	REVISIONS	
PLOT DATE = 11/15/2019	DATE - 10/16/2019	REVISIONS	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
 TEMPORARY INFORMATION SIGN PANEL DETAILS




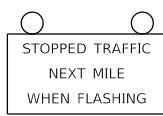
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	62
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

REAL-TIME TRAFFIC CONTROL SYSTEM

PER STANDARD 701400

LEGEND

<p> REAL-TIME TRAFFIC CONTROL WARNING SIGN PROJECT SIGN SHALL BE A 48" X 96" (1200MM X 2400MM) SIGN THAT SAYS "STOPPED TRAFFIC NEXT MILE WHEN FLASHING".</p> <p> SINGLE PORTABLE CHANGEABLE MESSAGE SIGN PLACED 1 MILE IN ADVANCE OF 4TH RTTC WARNING SIGN. IT SHALL READ: "RIGHT/LEFT LANE CLOSED // 5 MILES AHEAD" THIS PORTABLE CHANGEABLE MESSAGE SIGN IS INCLUDED IN STANDARD 701400</p> <p> SPEED SENSOR</p> <p>NOTE:</p> <ol style="list-style-type: none"> 1. THE NUMBER OF RTTC WARNING SIGNS MAY BE CHANGED AS DIRECTED BY THE ENGINEER. RELOCATION OF RTTCS STATIC WARNING SIGNS IS INCLUDED IN THE RTTCS PAY ITEMS. 2. SPEED SENSORS SPACED APPROXIMATELY EVERY 1/2 MILE. RTTC WARNING SIGNS SPACED EVERY 1 MILE. 3. RTTC = REAL-TIME TRAFFIC CONTROL 4. RTTCS = REAL-TIME TRAFFIC CONTROL SYSTEM 	 <p>STOPPED TRAFFIC NEXT MILE WHEN FLASHING</p>
---	--

MODEL: Default
 FILE NAME: D:\exp\pwr\benley\c\m\exp\pwr\01\Documents\Projects\CH100246550-A01800_CADD Design\802_Phase 1\80202_02_CivilSheet\0570C64-sht-staging-RTTCS-001.dgn
 FILE NAME: exp U.S. Services Inc. CHICAGO, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING AND TRAFFIC CONTROL
REAL-TIME TRAFFIC CONTROL SYSTEM**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	63
CONTRACT NO. 70C64				

SCALE: SHEET OF SHEETS STA. TO STA.

BEGINNING OF TAPER




Dodds Park

Rising

Dodds Park

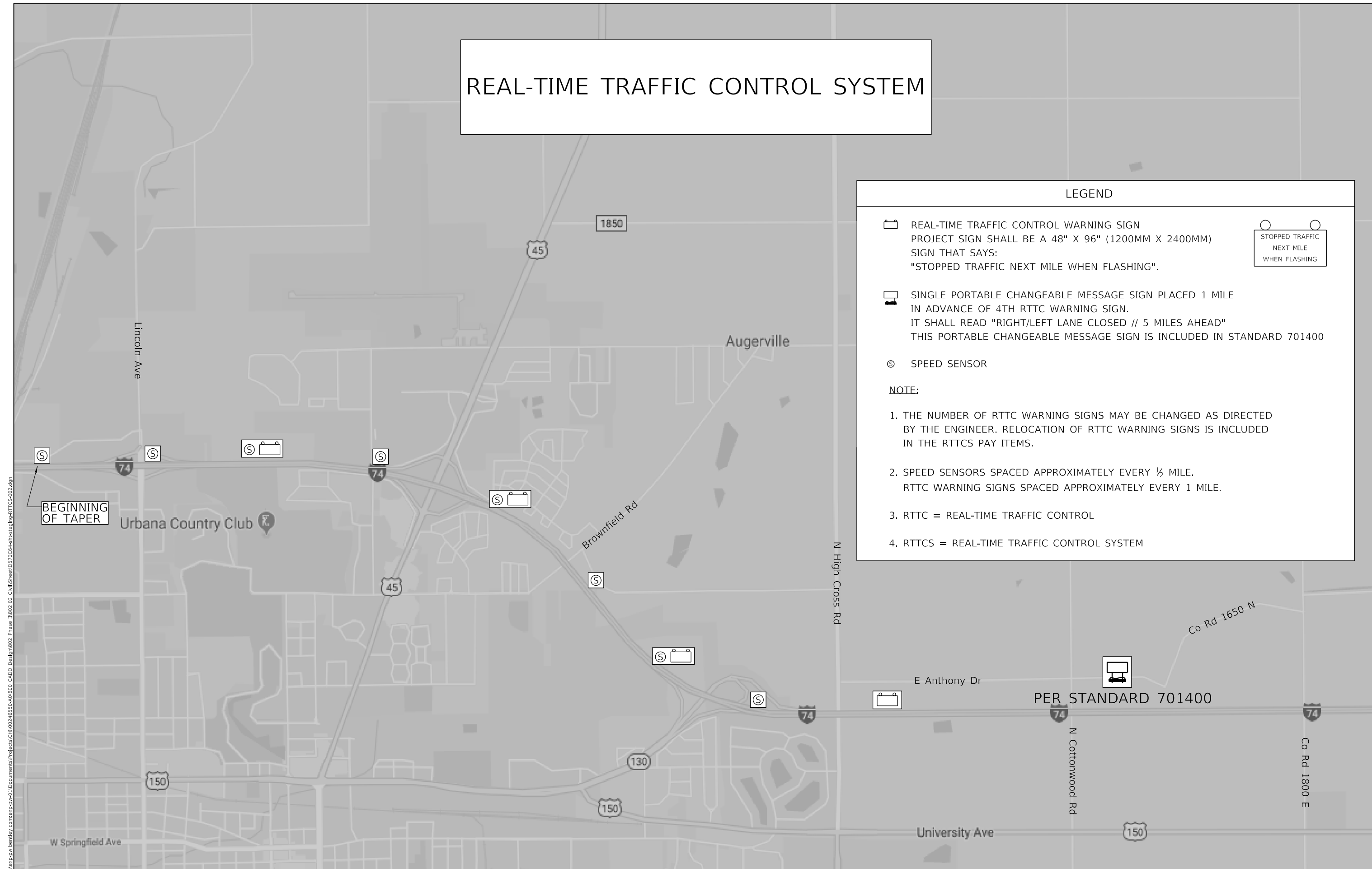
REAL-TIME TRAFFIC CONTROL SYSTEM

LEGEND

-  REAL-TIME TRAFFIC CONTROL WARNING SIGN
PROJECT SIGN SHALL BE A 48" X 96" (1200MM X 2400MM)
SIGN THAT SAYS:
"STOPPED TRAFFIC NEXT MILE WHEN FLASHING".
-  SINGLE PORTABLE CHANGEABLE MESSAGE SIGN PLACED 1 MILE
IN ADVANCE OF 4TH RTTC WARNING SIGN.
IT SHALL READ "RIGHT/LEFT LANE CLOSED // 5 MILES AHEAD"
THIS PORTABLE CHANGEABLE MESSAGE SIGN IS INCLUDED IN STANDARD 701400
-  SPEED SENSOR

NOTE:

1. THE NUMBER OF RTTC WARNING SIGNS MAY BE CHANGED AS DIRECTED BY THE ENGINEER. RELOCATION OF RTTC WARNING SIGNS IS INCLUDED IN THE RTTCS PAY ITEMS.
2. SPEED SENSORS SPACED APPROXIMATELY EVERY 1/2 MILE.
RTTC WARNING SIGNS SPACED APPROXIMATELY EVERY 1 MILE.
3. RTTC = REAL-TIME TRAFFIC CONTROL
4. RTTCS = REAL-TIME TRAFFIC CONTROL SYSTEM



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FILE NAME =	USER NAME = onealm	DESIGNED - AZ	REVISED -
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 60.0000 ' / in.	CHECKED - DDH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 11/15/2019	DATE -	REVISED -

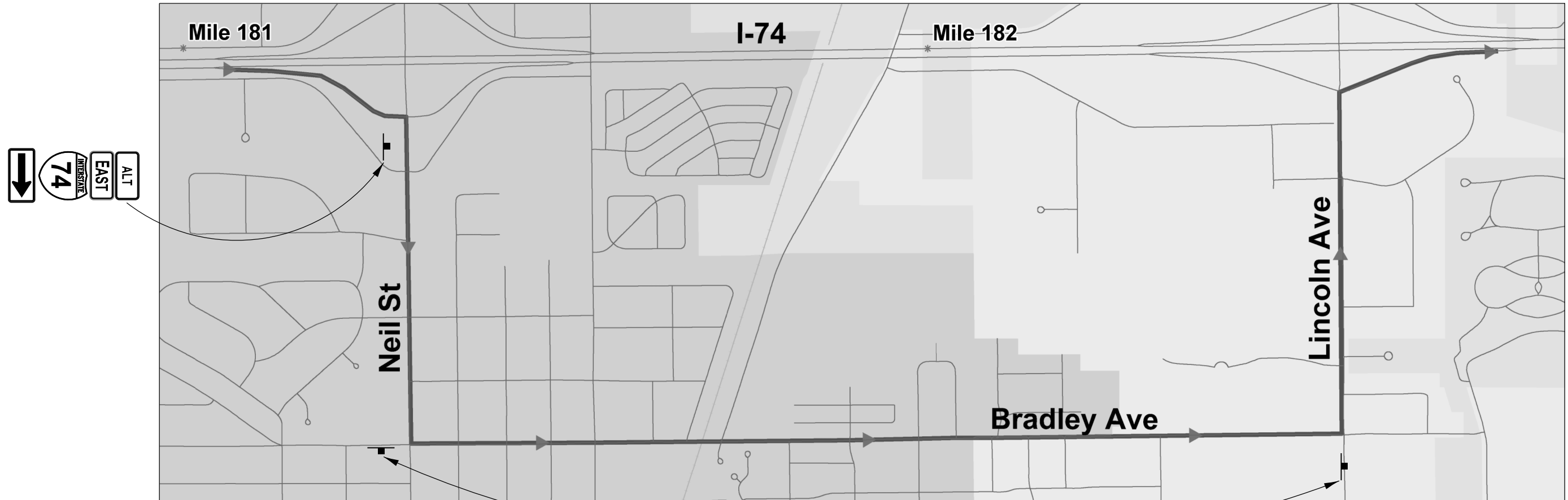
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
REAL-TIME TRAFFIC CONTROL SYSTEM

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	64
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

I-74 MARKED ROUTE DETOUR EASTBOUND



MODEL: Default
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 USER: bajzekk
 DATE: 10/16/2019

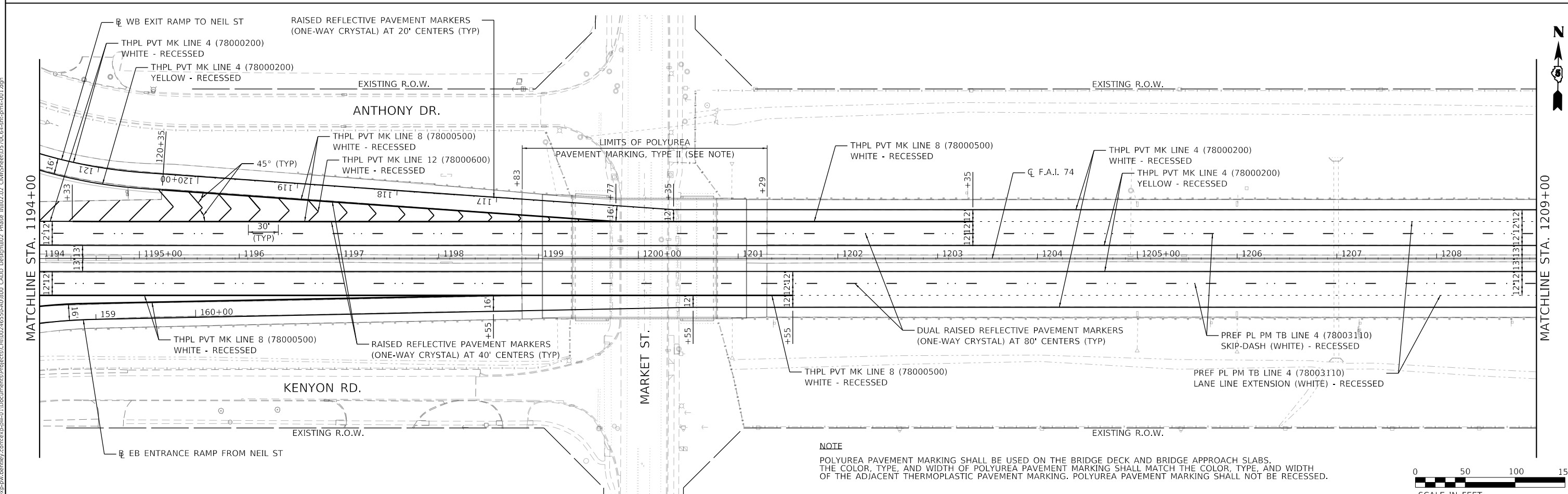
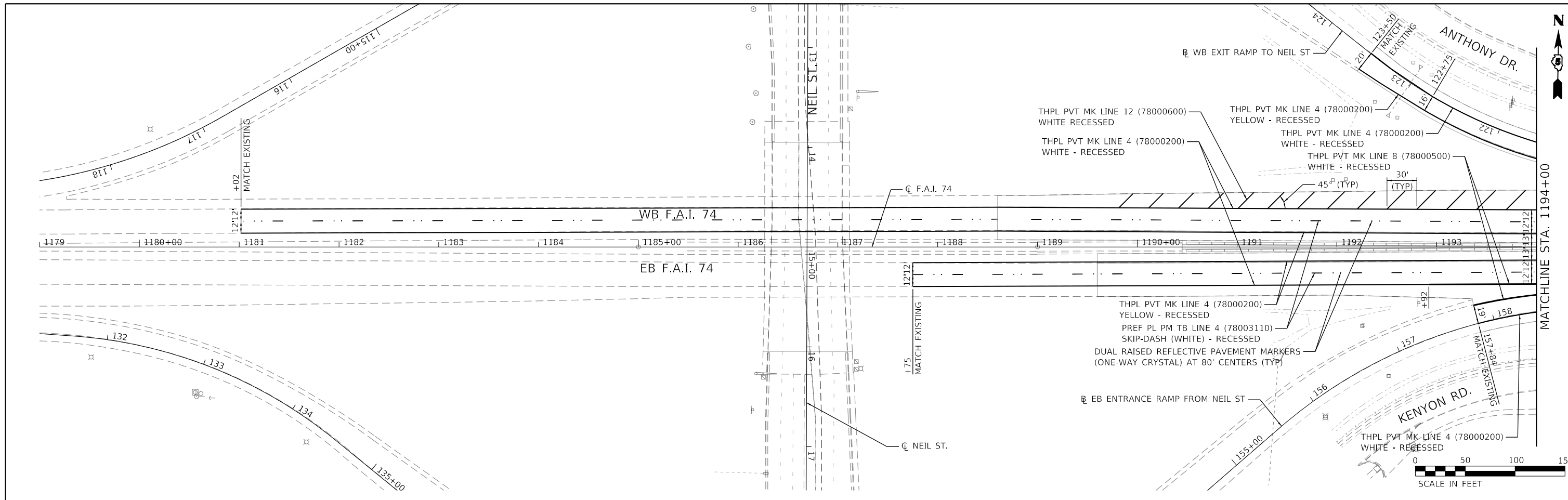
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	0.1667' / in.	DATE -	10/16/2019
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		REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

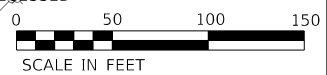
**STAGING AND TRAFFIC CONTROL
I-74 ALTERNATE ROUTE SIGNING - EASTBOUND**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	66
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



NOTE
 POLYUREA PAVEMENT MARKING SHALL BE USED ON THE BRIDGE DECK AND BRIDGE APPROACH SLABS. THE COLOR, TYPE, AND WIDTH OF POLYUREA PAVEMENT MARKING SHALL MATCH THE COLOR, TYPE, AND WIDTH OF THE ADJACENT THERMOPLASTIC PAVEMENT MARKING. POLYUREA PAVEMENT MARKING SHALL NOT BE RECESSED.



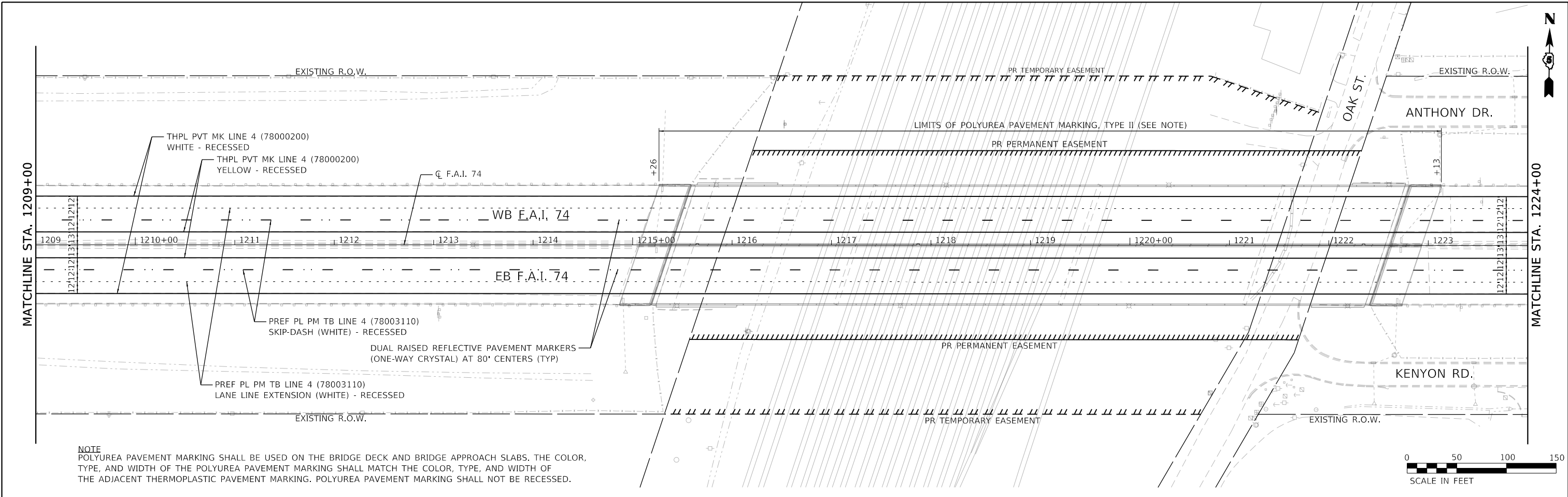
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 100.0000' / in.	DRAWN - JP	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 11/15/2019	CHECKED - DH	REVISED -
		DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

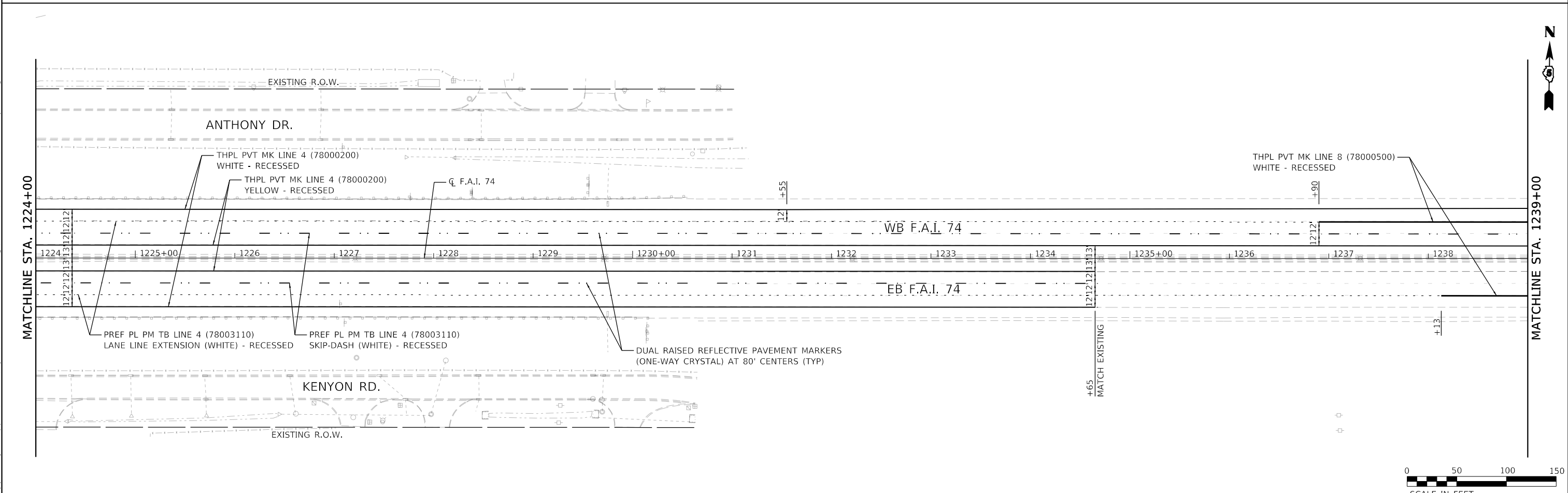
**PAVEMENT MARKING
 F.A.I. 74**

SCALE: 1"=50' SHEET OF SHEETS STA. 1179+00 TO STA. 1209+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	68
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



NOTE
 POLYUREA PAVEMENT MARKING SHALL BE USED ON THE BRIDGE DECK AND BRIDGE APPROACH SLABS. THE COLOR, TYPE, AND WIDTH OF THE POLYUREA PAVEMENT MARKING SHALL MATCH THE COLOR, TYPE, AND WIDTH OF THE ADJACENT THERMOPLASTIC PAVEMENT MARKING. POLYUREA PAVEMENT MARKING SHALL NOT BE RECESSED.



MODEL: Default
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 exp U.S. Services Inc.
 CHICAGO, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

FILE NAME = D570C64-sht-pmk-002.dgn
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 PLOT DATE = 10/16/2019

DESIGNED -
 DRAWN - JP
 CHECKED - DH
 DATE - 10/16/2019

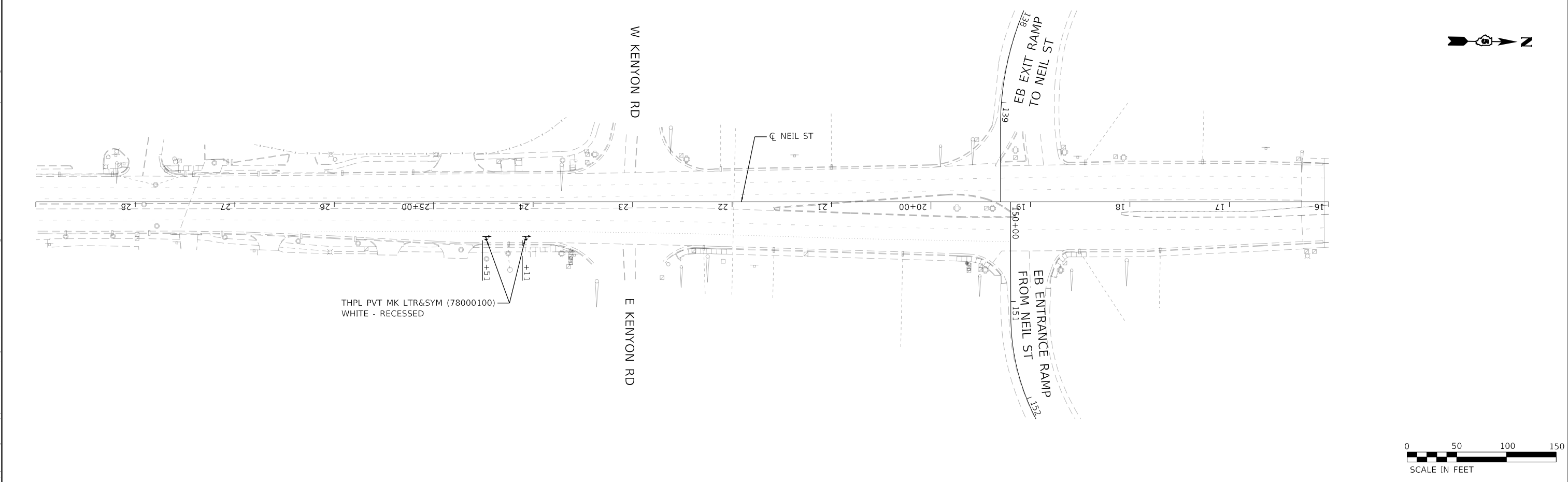
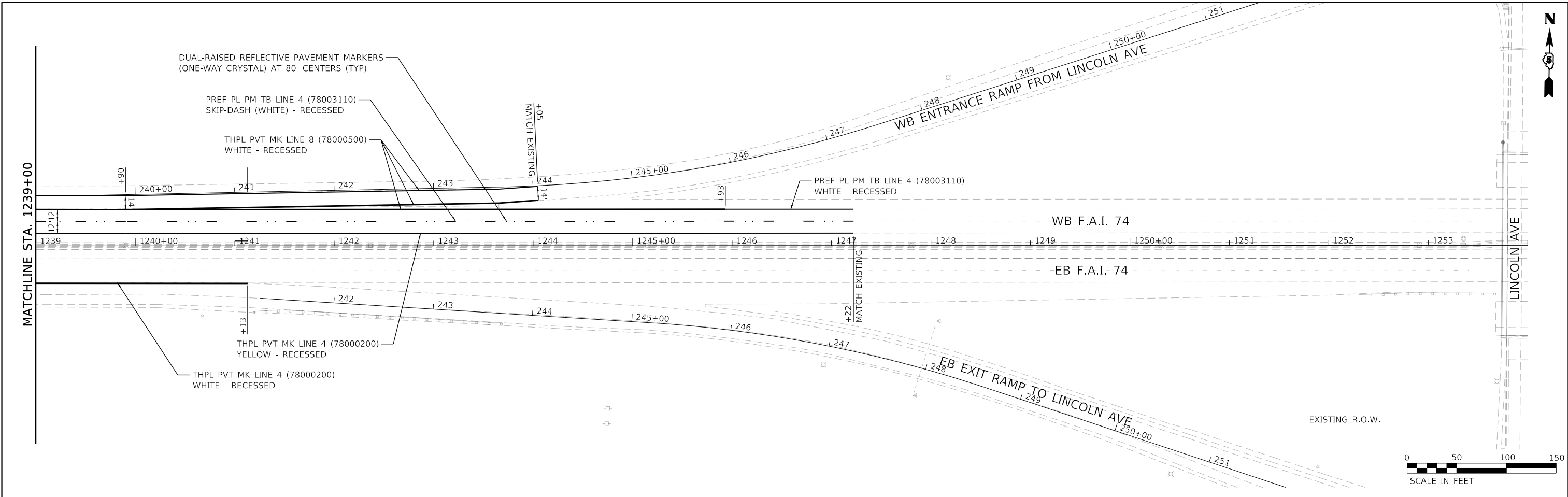
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
 F.A.I. 74**

SCALE: 1"=50'
 SHEET OF SHEETS STA. 1209+00 TO STA. 1239+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	69
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



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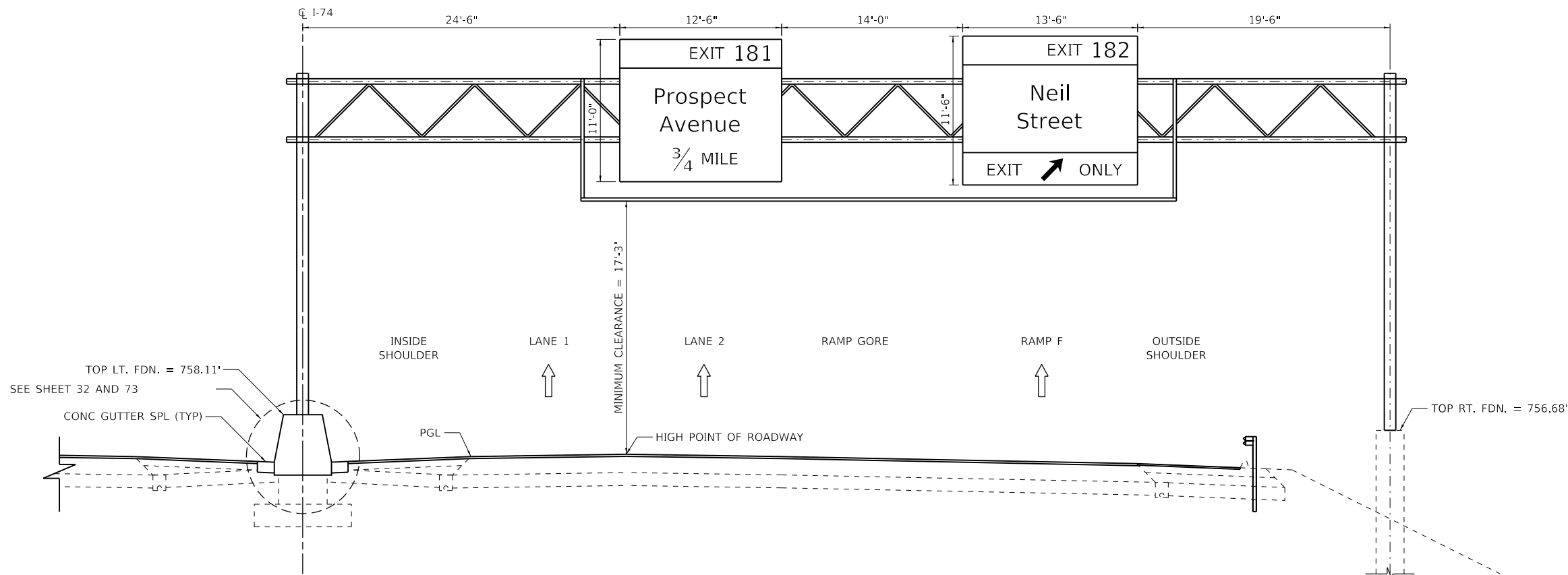
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BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 10/16/2019	CHECKED - DH	REVISED -
		DATE - 10/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
F.A.I. 74

SCALE: 1"=50' SHEET OF SHEETS STA. 1239+00 TO STA. 1254+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	70
CONTRACT NO. 70C64				
		ILLINOIS	FED. AID PROJECT	



I-74 WESTBOUND

STA. 1198+07.75
(LOOKING WEST)

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	PLOT DATE = 11/15/2019	CHECKED - DH	REVISED -
		DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING DETAILS
OVERHEAD SIGN STRUCTURE ELEVATION DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	71
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

DESIGN STRESSES:
Field Units
f'c = 3,500 p.s.i.
fy = 60,000 p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53. All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer. The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: Shall conform to ASTM F1554 Gr. 105.

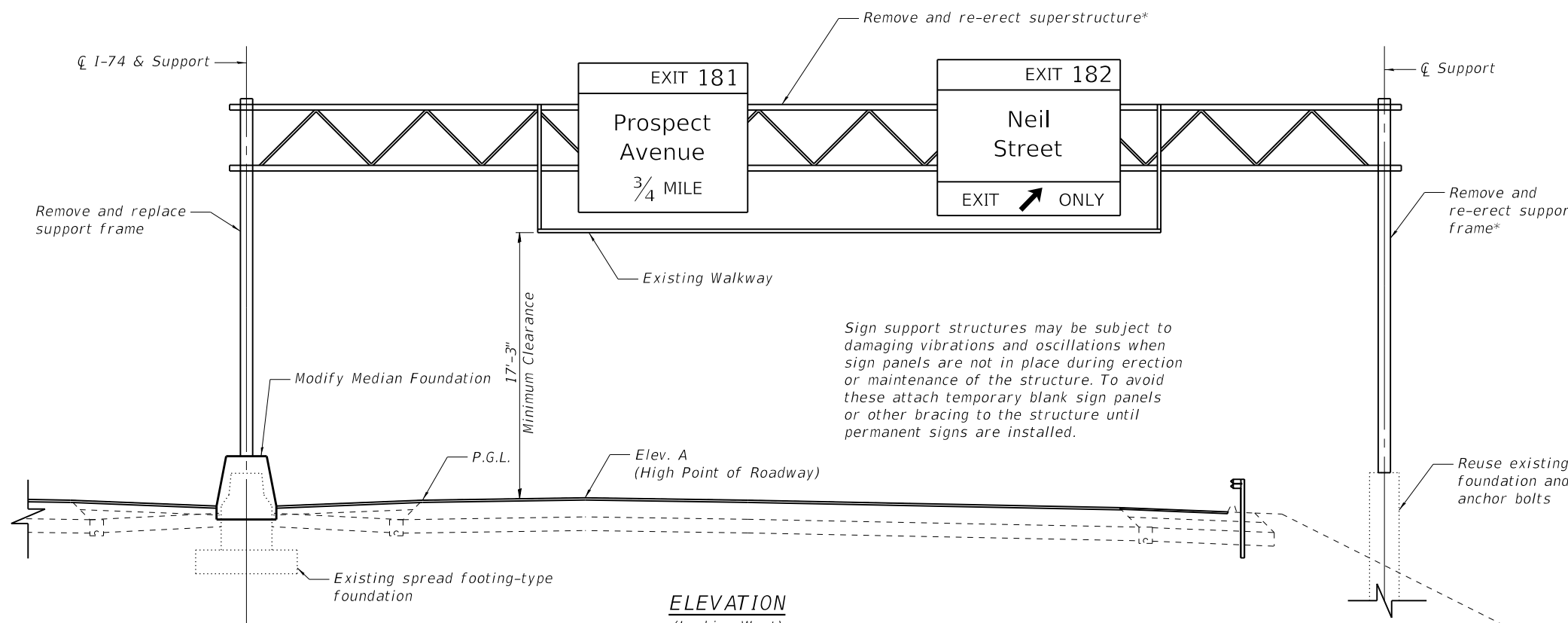
CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Concrete Sealer in accordance with the Standard Specifications.

REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

FOUNDATIONS: The contract unit price for Concrete Foundations shall include reinforcement bars complete in place.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
REMOVE STRUCTURAL STEEL SUPPORT FOR OVERHEAD SIGN STRUCTURE - SPAN	Each	1
REMOVE AND RE-ERECT STRUCTURAL STEEL SUPPORT FOR OVERHEAD SIGN STRUCTURE - SPAN	Each	1
STRUCTURAL STEEL SUPPORT FOR OVERHEAD SIGN STRUCTURE - SPAN	Each	1
REMOVE AND RE-ERECT OVERHEAD SIGN SUPERSTRUCTURE - SPAN	Each	1
CONCRETE FOUNDATIONS	Cu. Yds.	8.1
CONCRETE REMOVAL	Cu. Yds.	4.7



Sign support structures may be subject to damaging vibrations and oscillations when sign panels are not in place during erection or maintenance of the structure. To avoid these attach temporary blank sign panels or other bracing to the structure until permanent signs are installed.

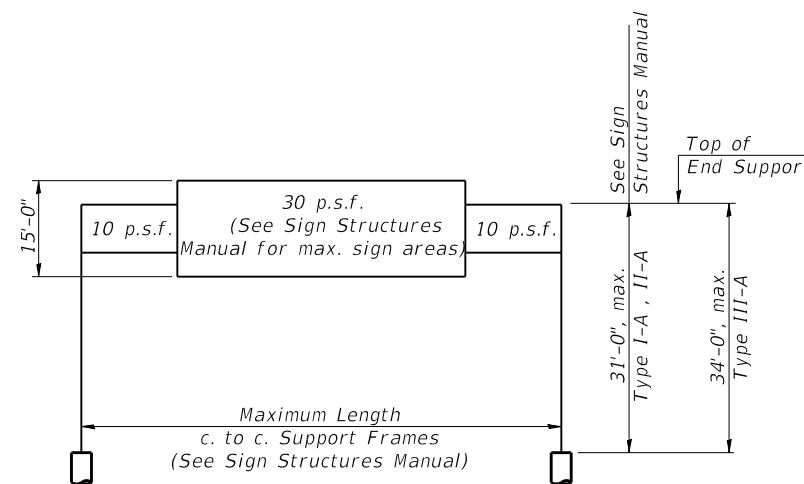
ELEVATION
(Looking West)

Existing Structure Number	Proposed Station	Existing Design Truss Type	Existing c. to c. Supports	Proposed Elev. A	Proposed Height of Tallest Sign	Proposed Total Sign Area
5-08-55 010 1074 L181.53	1198+07.75	I-A	84'-0"	755.08	11'-6"	292.75

SCOPE OF WORK:

1. Remove the existing sign superstructure, outside support frame, and inside (median) support frame.
2. Store the superstructure and outside support frame and dispose of inside support frame.
3. Fabricate a new inside support frame to account for the proposed top of median barrier support elevation raise.
4. Remove the existing concrete median barrier foundation down to the removal line, salvaging the existing vertical rebar.
5. Pour new concrete median barrier foundation on top of remaining existing foundation, installing new anchor bolts and incorporating existing vertical rebar.
6. Erect new inside support frame on top of new concrete median barrier foundation and existing outside support frame on top of existing outside foundation.
7. Erect existing sign superstructure on supports.

*Temporary storage of existing superstructure and support frame included with Remove and Re-erect Structural Steel Support for Overhead Sign Structure-Span and Remove and Re-erect Overhead Sign Superstructure-Span.



DESIGN WIND LOADING DIAGRAM

Parameters shown are basis for I.D.O.T. Standards and Sign Manual Tables. Installations not within dimensional limits shown require special analysis for all components.

OS-A-1

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exp U.S. Services Inc.
Chicago, IL
BUILDINGS-EARTH & ENVIRONMENT-ENERGY
INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

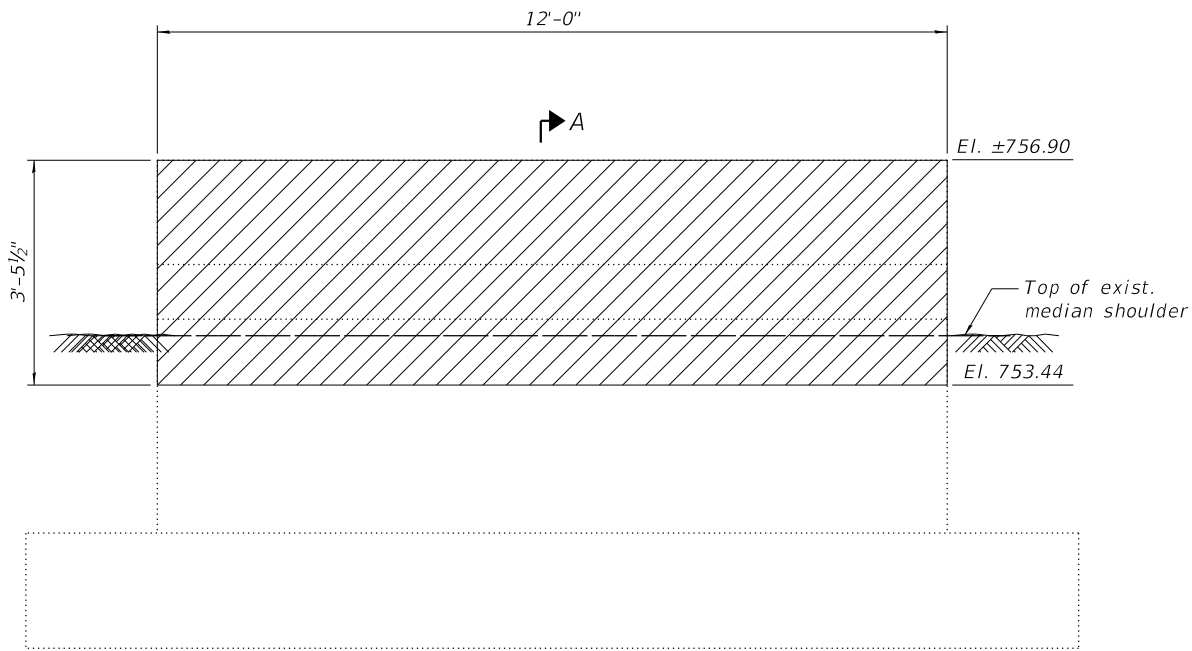
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

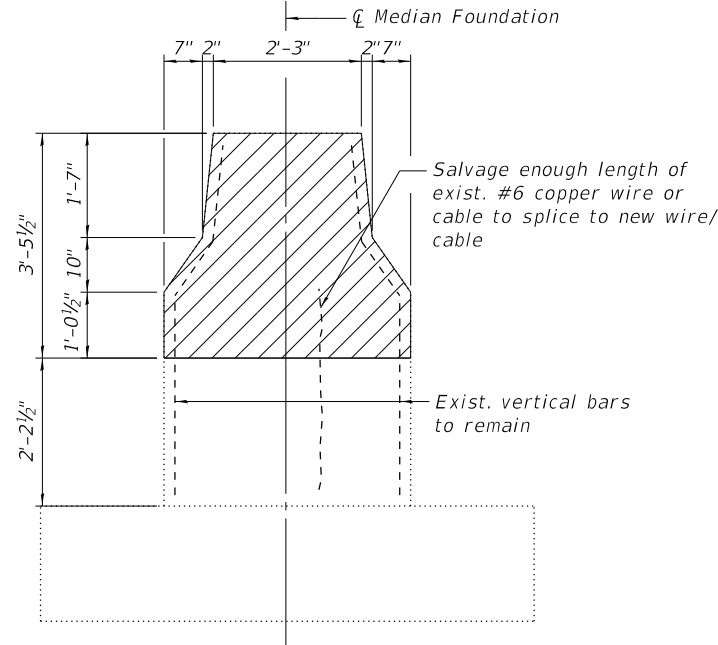
**OVERHEAD SIGN STRUCTURE ELEVATION
ALUMINUM TRUSS & STEEL SUPPORTS**

SHEET OF SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	72
CONTRACT NO. 70C64				
ILLINOIS		FED. AID PROJECT		



ELEVATION



SECTION A-A

Notes:

Reinforcement bars designated (E) shall be epoxy coated.

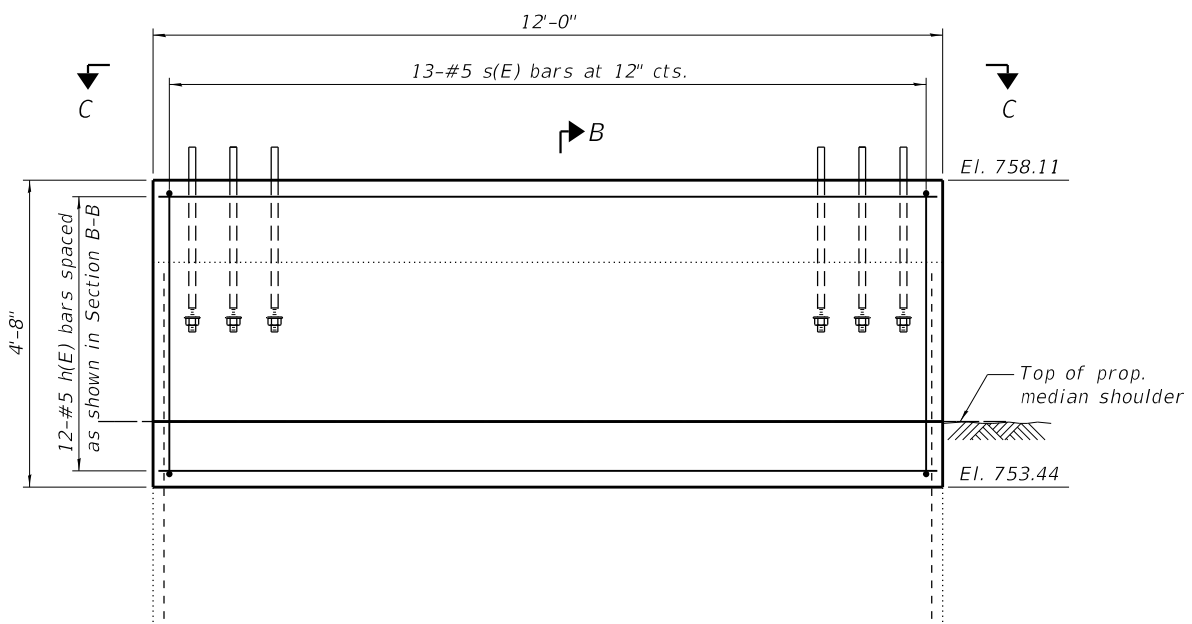
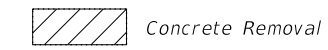
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Backfill shall be placed per Article 502 of Standard Specifications and prior to erection of support frame.

A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below top of prop. shoulder. Cost included in Concrete Foundations.

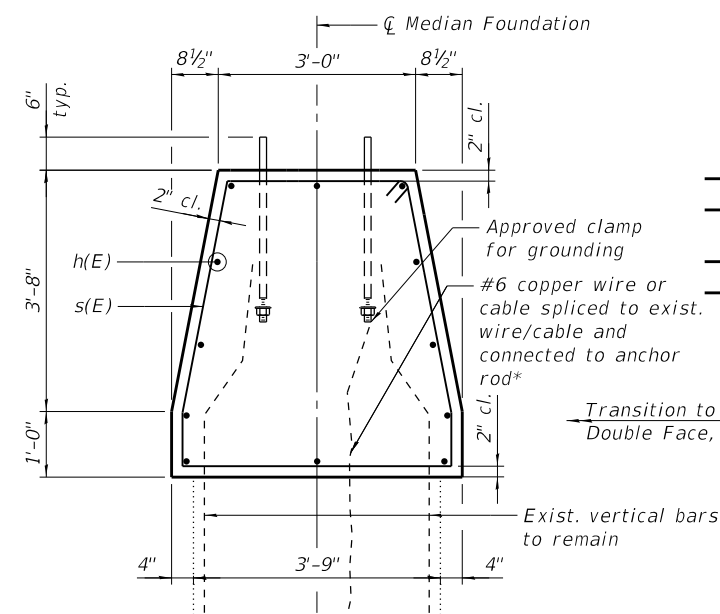
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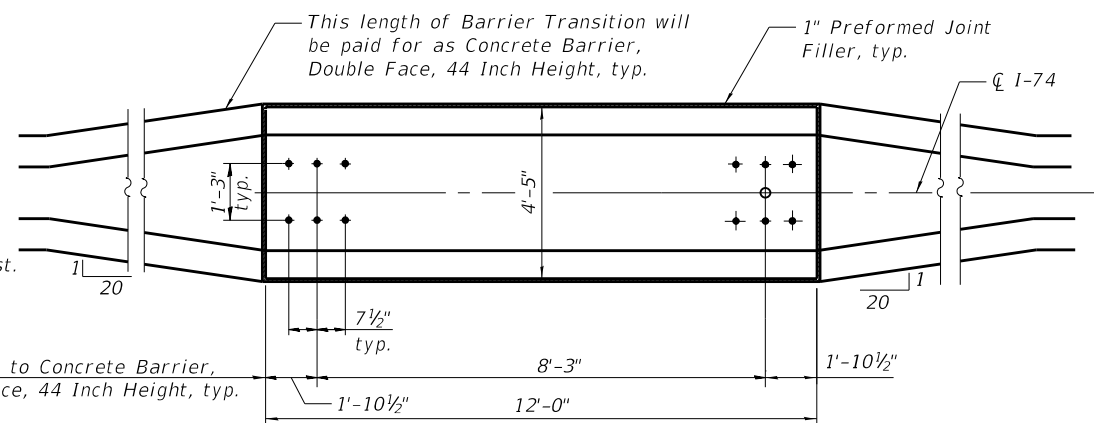
ELEVATION

MEDIAN FOUNDATION REMOVAL

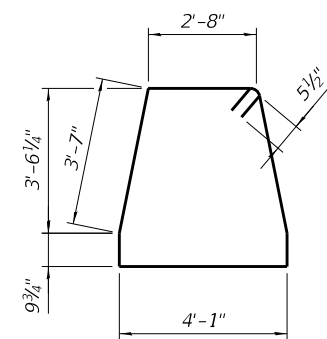
PROPOSED MEDIAN FOUNDATION



SECTION B-B



VIEW C-C



BAR s(E)

*Anchor rod shall be ground or filed to bright metal at clamp and cable/wire connection location. Cost included with Concrete Foundations.

BILL OF BARS

Bar	No.	Size	Length	Shape
h(E)	12	#5	11'-8"	—
s(E)	13	#5	16'-6"	▭

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exp. U.S. Services Inc.
Chicago
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INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY

USER NAME =	DESIGNED - BK	REVISED -
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STATE OF ILLINOIS
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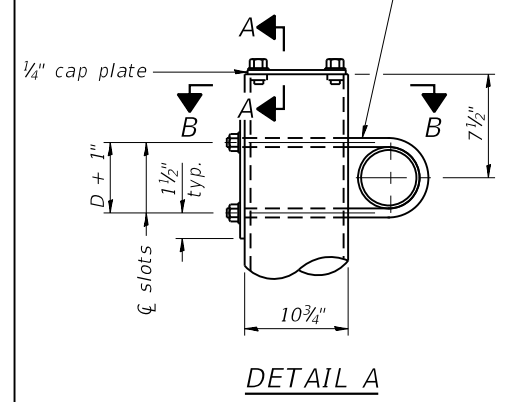
OVERHEAD SIGN STRUCTURE
MEDIAN FOUNDATION MODIFICATION DETAILS

SHEET OF SHEETS

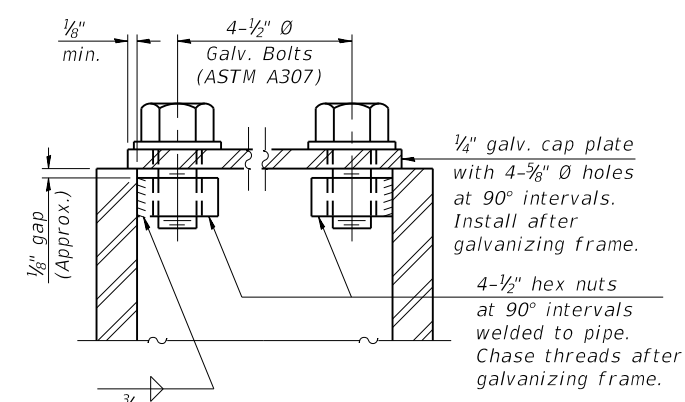
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CONTRACT NO. 70C64				
ILLINOIS		FED. AID PROJECT		

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$\frac{3}{4}$ " \emptyset stainless steel U-bolt.
 Provide two washers and two hexagon locknuts. (4)
 $\frac{1}{16}$ " x 2" slots on \emptyset 10" \emptyset pipe.
 (4 slots required per pipe)

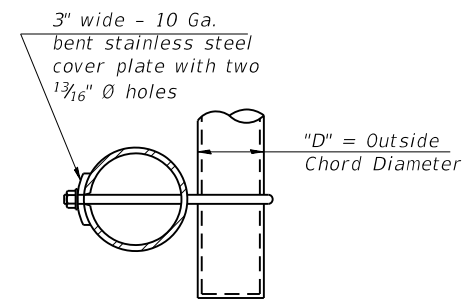


DETAIL A

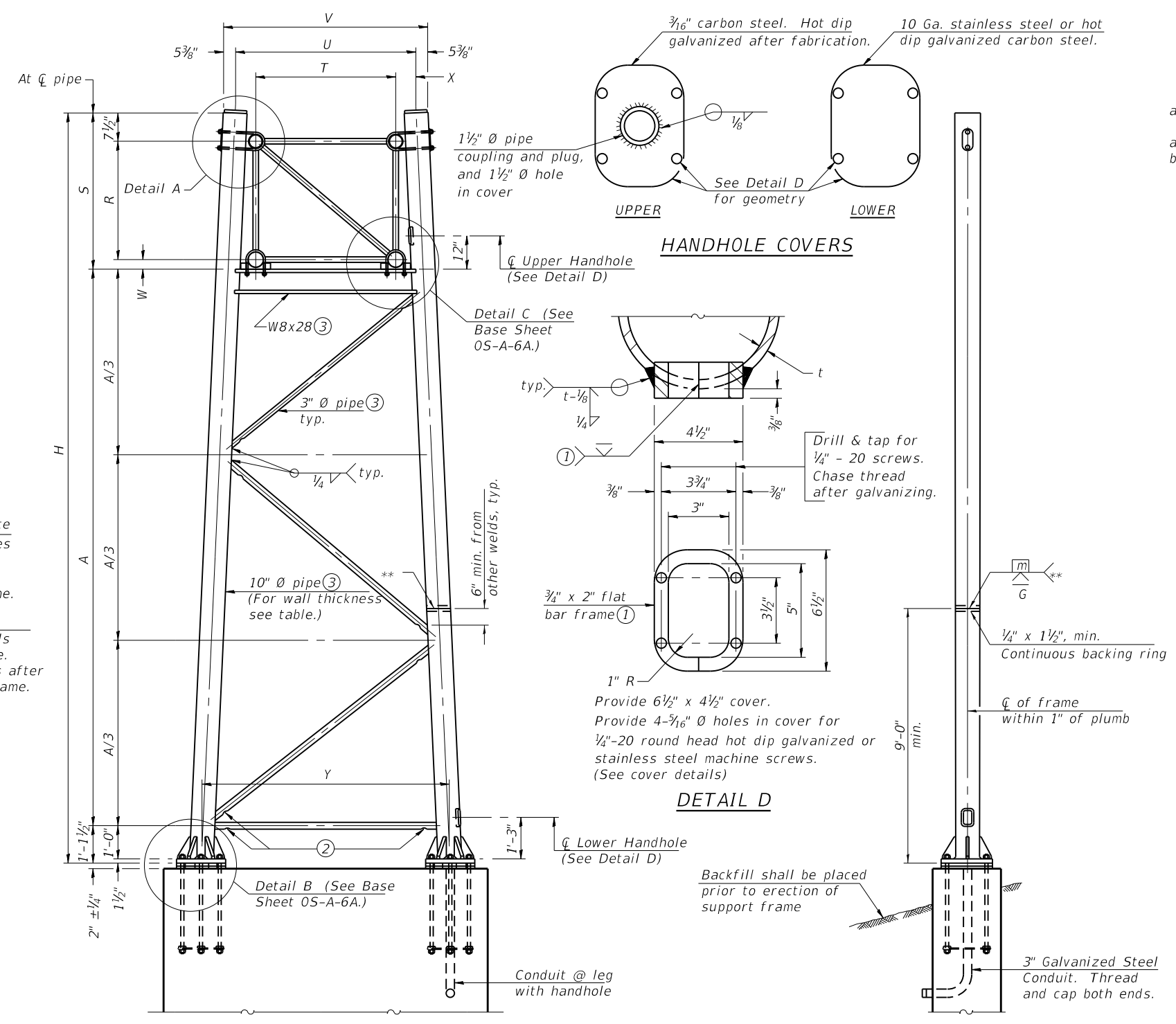


SECTION A-A

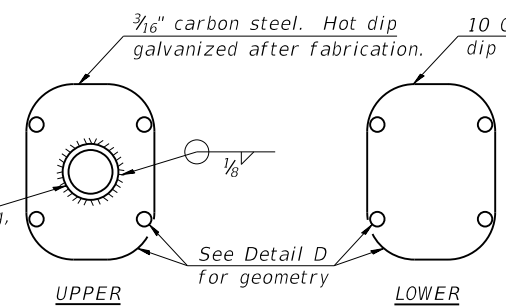
As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.



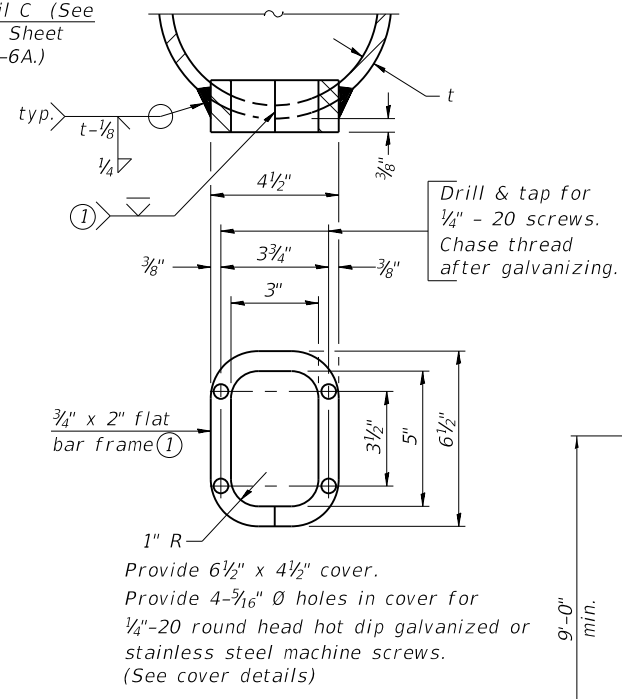
SECTION B-B



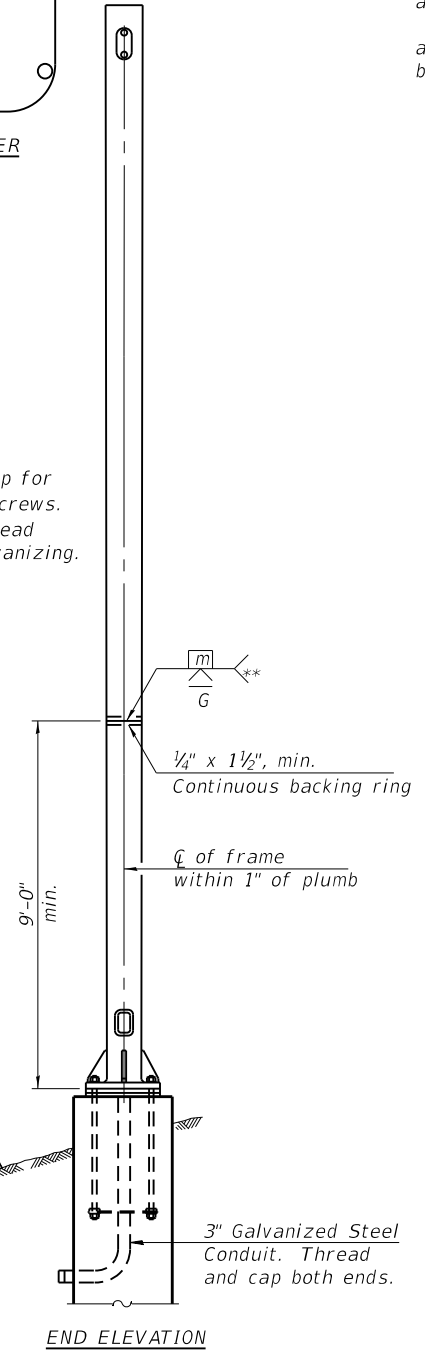
For Foundation Details, see base sheet OS-F3 (Spread Footing) or OS4-F3 (Drilled Shaft).
 SIDE ELEVATION



HANDHOLE COVERS



DETAIL D



END ELEVATION

Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.
 Load combinations checked include deadload plus:
 a) 100% wind normal to sign, 20% parallel to sign
 b) 60% wind normal to sign, 30% parallel to sign

- ① In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 μ in or less.
- ② Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- ③ Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.
- ④ See General Notes for fasteners.
- ⑤ Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- ⑥ "H" based on 15'-0" or actual sign height, whichever is greater.

Truss Type	Dimensions							
	R	S	T	U	V	W	X	Y
I-A	4'-6"	5'-5 1/2"	4'-0"	5'-6"	6'-4 3/4"	4"	9"	8'-3"
II-A ⑤	5'-3"	6'-3 1/4"	4'-6"	6'-1"	6'-11 3/4"	4 3/4"	9 1/2"	8'-3"

10" \emptyset PIPE TRUSS SUPPORT FRAME
 ** One butt welded joint is allowed only on one post per support frame. If used, weld procedure must be pre-approved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

Structure Number	Station	Support		Truss Type	Pipe Wall Thickness	H ⑥	A
		Left	Right				
5-08-5S 010 1074 L181.53	1198+07.75	X		I-A	0.279	26'-1 1/2"	19'-6 1/2"

05-A-6

2-17-2017

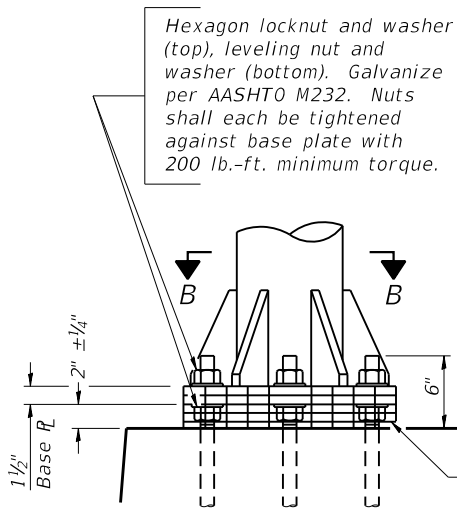
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURE
 SUPPORT FRAME FOR ALUMINUM TRUSS

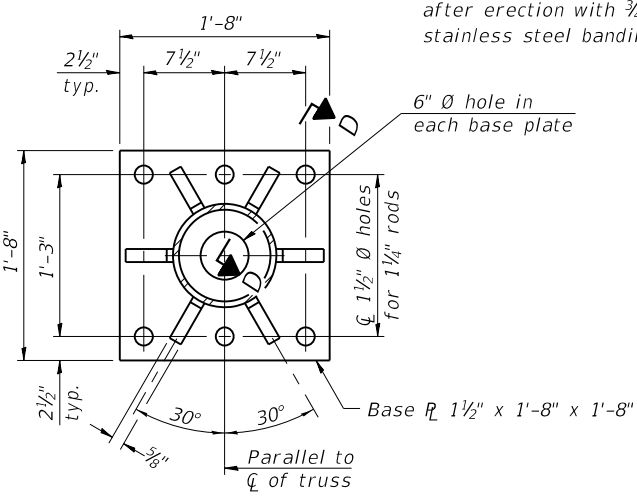
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CONTRACT NO. 70C64				

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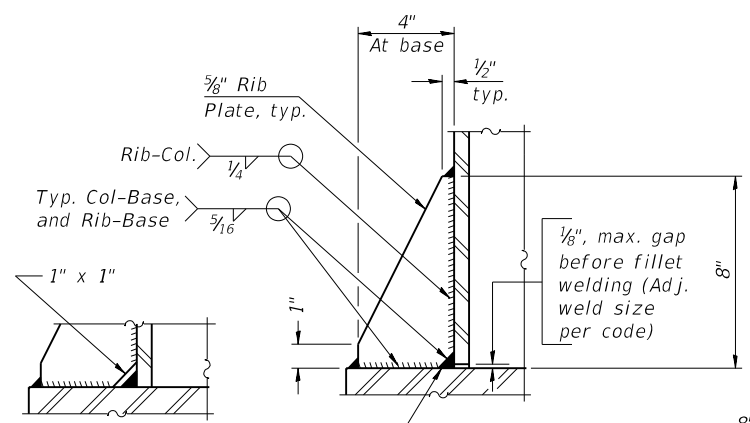


DETAIL B

Ribs shall be cut to fit slope of pipe.
 Stainless Steel Standard Grade Wire Cloth, 3" wide, 1/4" maximum opening with a minimum wire diameter of AWG. No. 16 with a minimum 2" lap. Secure to base plate after erection with 3/4" stainless steel banding.

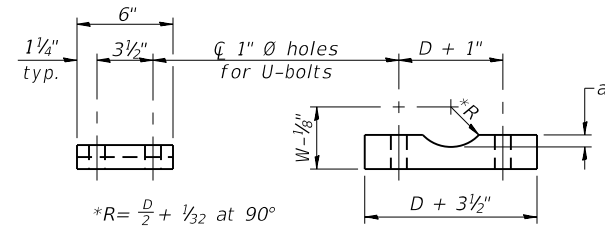


SECTION B-B



SECTION D-D

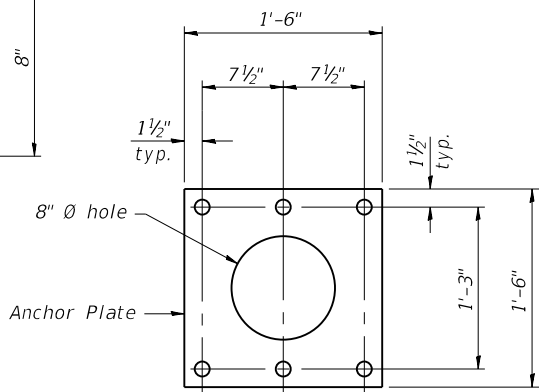
** Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.
 No snip req'd. at rib inside corner if placed before col. to base plate welding.**



SADDLE SHIM DETAIL

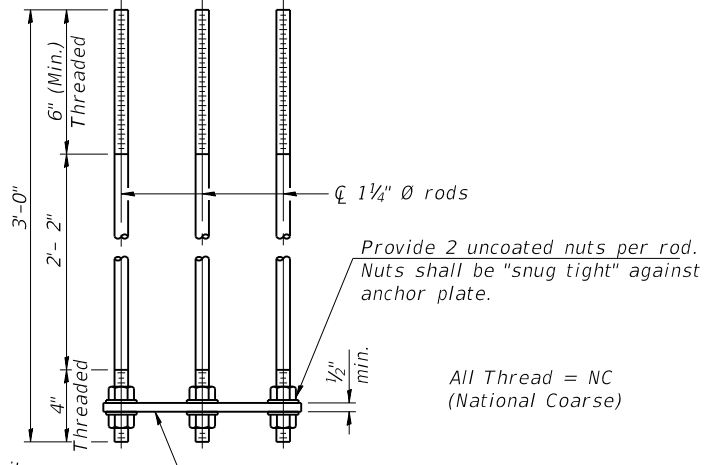
ASTM B26 Alloy 356-F or ASTM B209 Alloy 6061-T651 (4 required per sign truss)

Truss Chord Nominal Dia.	a
5"	3/4"
5 1/2"	1 3/16"
6"	7/8"
6 1/2"	1 5/16"
7"	1"



ANCHOR ROD DETAIL

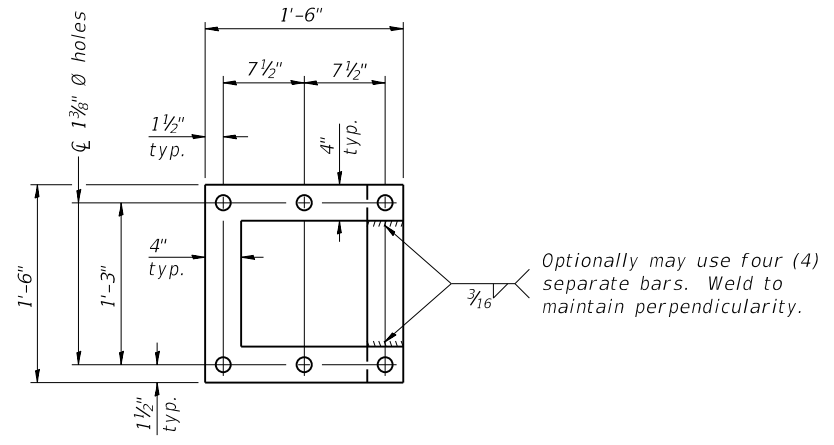
Spread Footing Foundation



All Thread = NC (National Coarse)

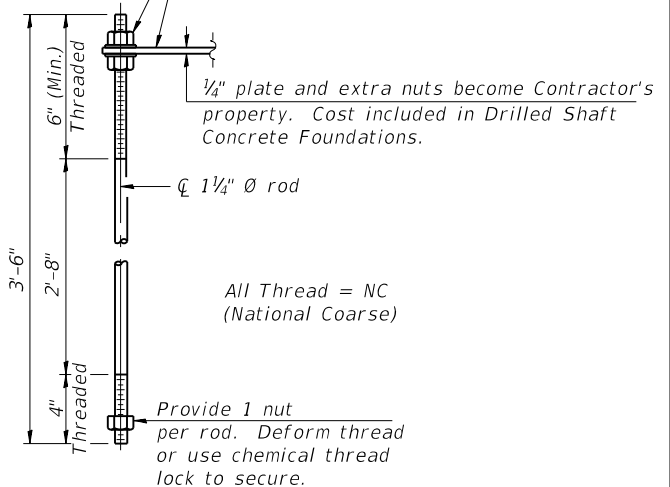
Anchor rods shall conform to ASTM F1554 Grade 105. Galvanize upper 12" minimum per AASHTO M232. No welding shall be permitted on rods.

10" Ø PIPE SUPPORT FRAME DETAILS



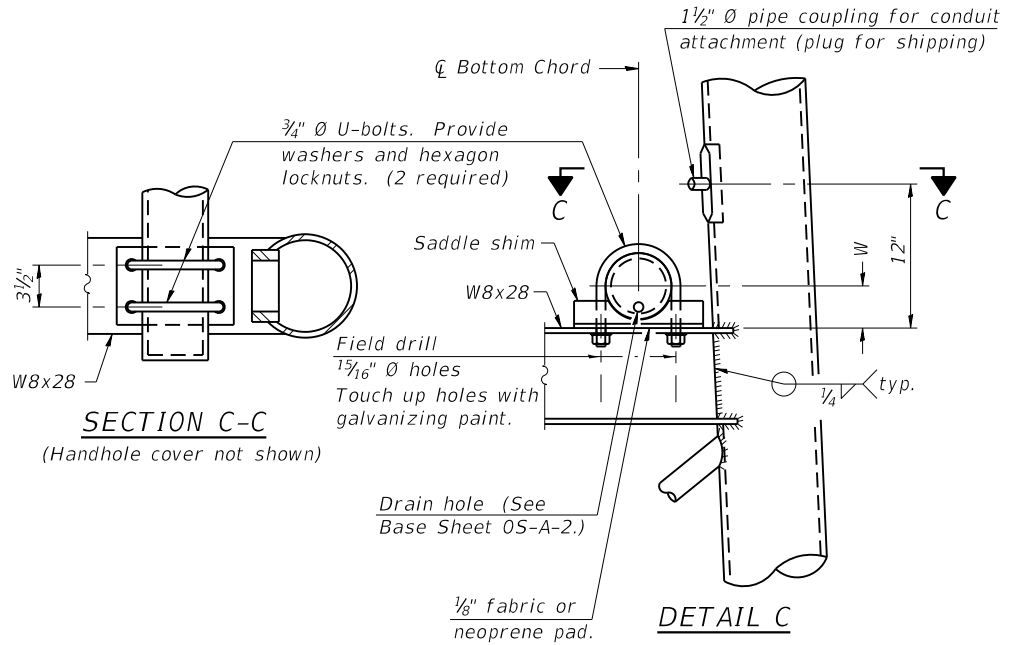
POSITIONING PLATE(S)

At each location, provide 1/4" thick positioning plate(s) and six (6) additional nuts to be used with leveling nuts to maintain anchor bolts position during concrete placement.



ANCHOR ROD DETAIL

Drilled Shaft Foundation



SECTION C-C

(Handhole cover not shown)

DETAIL C

05-A-6A

2-17-2017

USER NAME	DESIGNED	REVISION
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=	- KK	-
=	- MTR	-
=	- BK	-

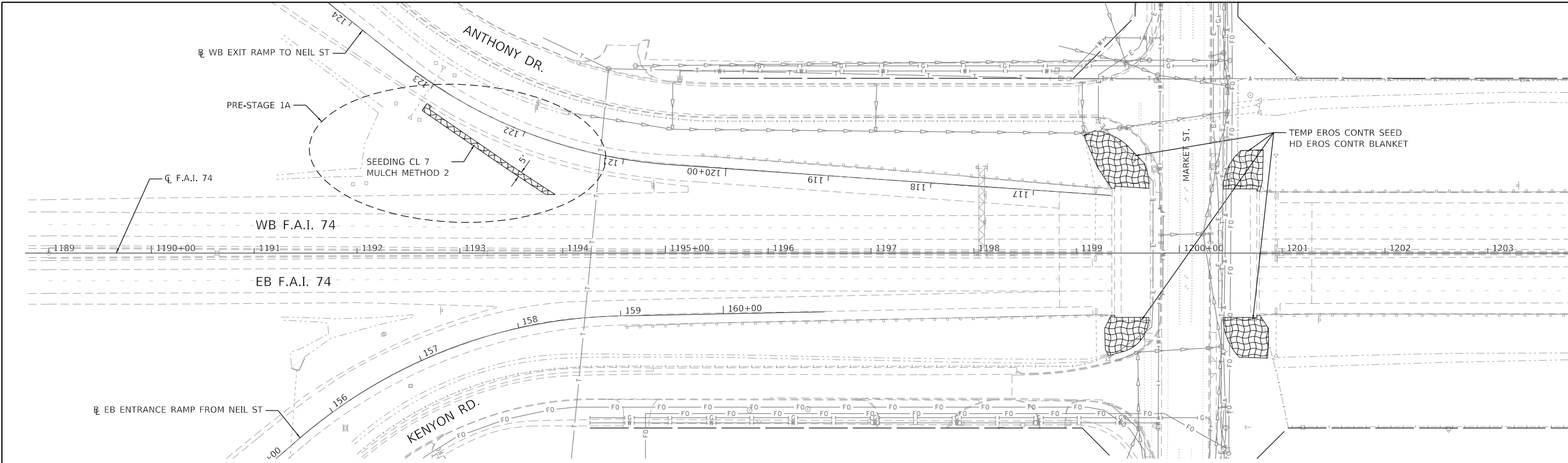
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURE
 SUPPORT FRAME DETAILS - ALUMINUM TRUSS

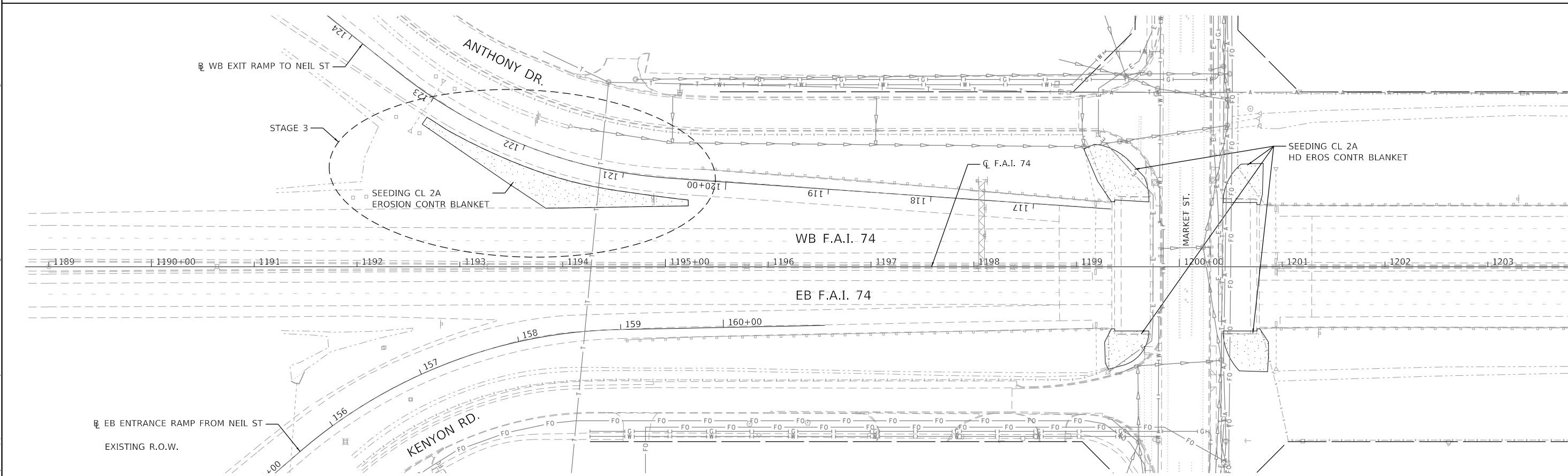
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74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	75

SHEET OF SHEETS

ILLINOIS FED. AID PROJECT



TEMPORARY APPLICATION



PERMANENT APPLICATION



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 CHICAGO, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY
 INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

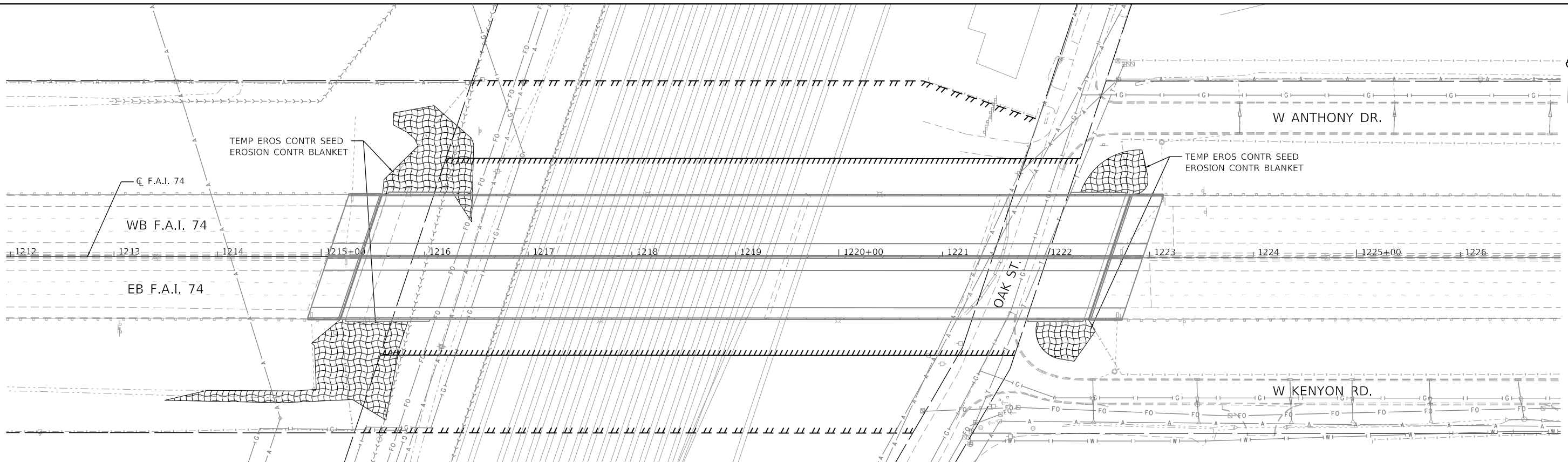
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

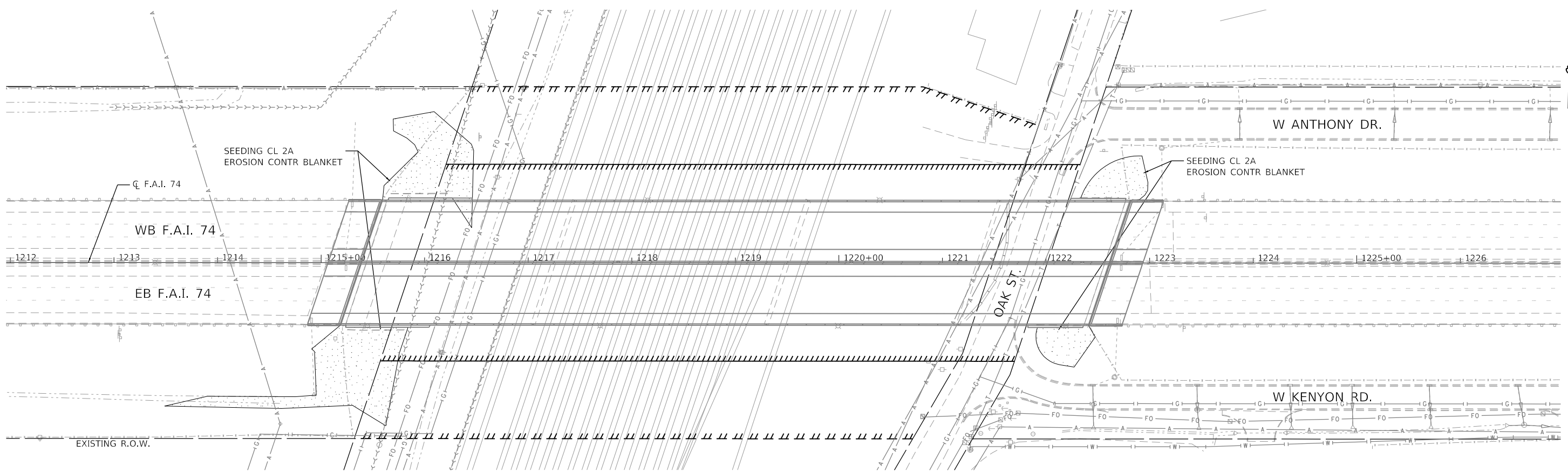
SEDIMENT, EROSION CONTROL AND LANDSCAPING DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	76
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



TEMPORARY APPLICATION



PERMANENT APPLICATION



MODEL: Default
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FILE NAME = D570C64-sht-eros-002.dgn	USER NAME = varanekash	DESIGNED - JP	REVISED -
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	PLOT DATE = 10/16/2019	CHECKED - DDH	REVISED -
		DATE - 10/16/2019	REVISED -

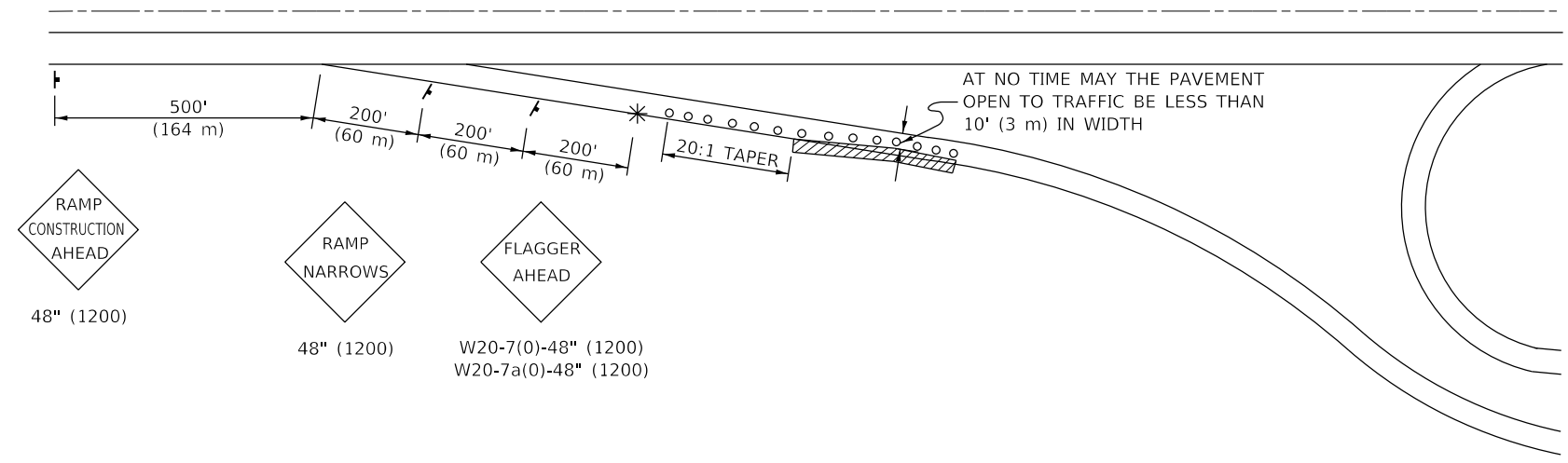
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SEDIMENT, EROSION CONTROL AND LANDSCAPING DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	77
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

APPLICATION NO. 1
DAY OPERATION ONLY
PARTIAL RAMP CLOSURE



- 48" (1200)
- 48" (1200)
- W20-7(0)-48" (1200)
W20-7a(0)-48" (1200)

GENERAL NOTES

CONSTRUCTION OPERATIONS SHALL BE CONFINED TO AN AREA NARROW ENOUGH THAT A MINIMUM OF 10' (3 m) OF PAVEMENT SHALL BE OPEN TO TRAFFIC AT ALL TIMES.

FULL WIDTH PAVEMENT ON THE RAMPS SHALL BE OPEN TO TRAFFIC AT NIGHT.

WHEN NO WORK IS BEING PERFORMED, THE FLAGGER WILL NOT BE REQUIRED. IF THE FLAGGER IS NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.

ALL SIGNS SHALL BE POST MOUNTED IF WORK IN THE AREA EXCEEDS FOUR DAYS OF DAYTIME OPERATIONS.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.

ALL VEHICLES, EQUIPMENT, WORKERS (EXCEPT FLAGGER) AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE DISTRICT ENGINEER.

SYMBOLS

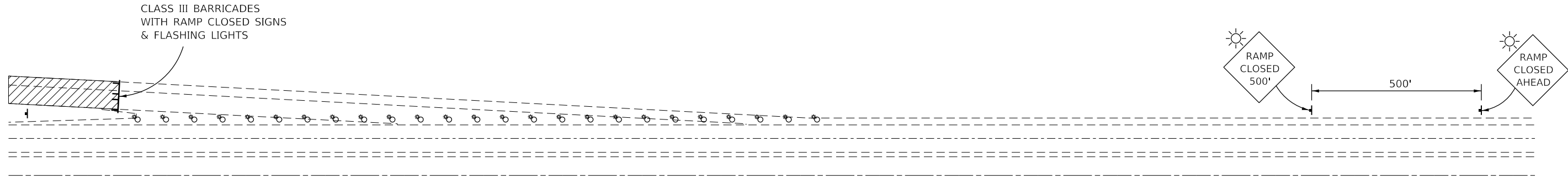
- (APPLICATION NO. 1) TYPE I OR II BARRICADES OR DRUMS @ 50' (15 m) CTS.
- (APPLICATION NO. 2) TYPE I OR II BARRICADES OR DRUMS @ 25' (7.5 m) CTS. W/STEADY BURNING LIGHTS
- (APPLICATION NO. 1) FLAGGER PLACED AS DIRECTED BY THE ENGINEER
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- WORK AREA

TYPICAL APPLICATIONS

- PAVEMENT PATCHING
- PIPE UNDERDRAINS
- HMA RESURFACING

TRAFFIC CONTROL FOR ALL RAMPS SHALL BE IN ACCORDANCE WITH THE APPROPRIATE APPLICATION OF PLAN DETAIL TRAFFIC CONTROL FOR RAMPS AND WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

APPLICATION NO. 2
RAMP CLOSURE



GENERAL NOTES

STEADY BURN LIGHTS ARE NOT REQUIRED FOR DAYTIME OPERATIONS.

CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER AT 217-465-4181, ONE WEEK PRIOR TO CLOSING THE RAMP.

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

MODEL: Default; FILE NAME: D:\exp\p-sha-bentley.com\exp\p-sha-01\Documents\Project\CH002\6550-A01800_CADD_Design\802_Phase 1\80202_02_CivilSheet\0570C64-sht-details-district-001.dgn; FILE NAME: exp U.S. Services Inc. Chicago, IL BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

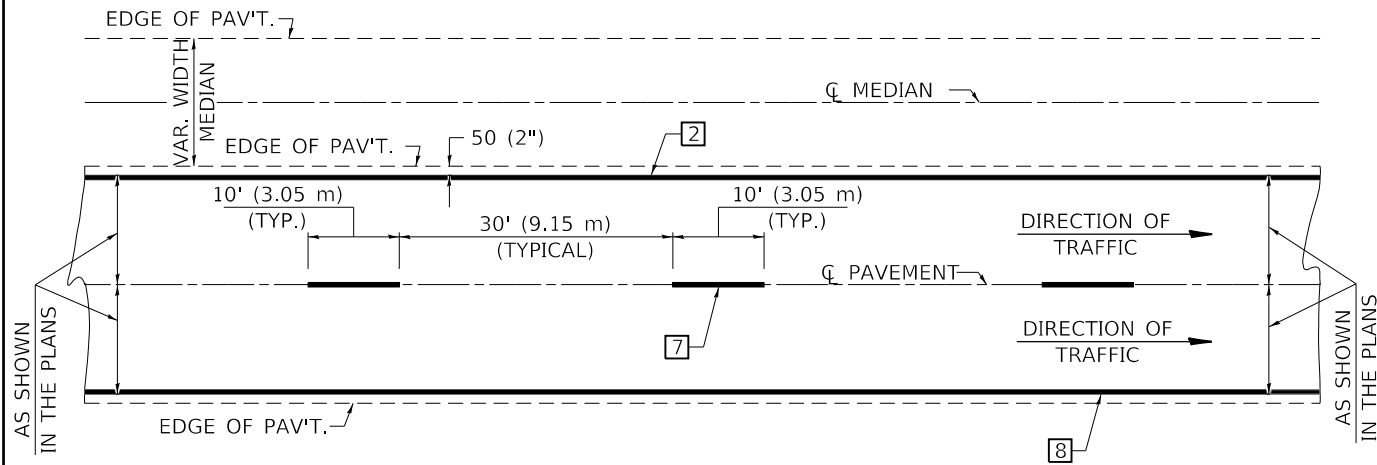
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		JP	
		CHECKED -	REVISED -
		DDH	
		DATE -	REVISED -
		10/16/2019	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL FOR RAMPS			
SCALE:	SHEET	OF	SHEETS
		STA.	TO STA.

DISTRICT 5 DETAIL NO. 70103710				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	78
CONTRACT NO. 70C64				
			ILLINOIS	FED. AID PROJECT

CENTERLINE INTERSTATE OR MULTI-LANE TWO WAY DIVIDED HIGHWAY

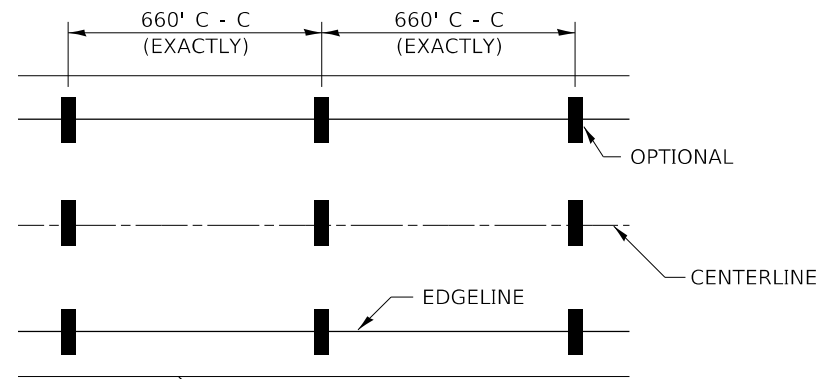


NOTE: PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

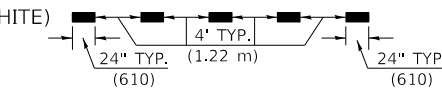
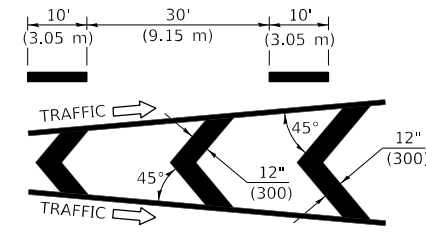
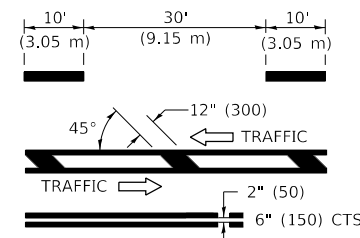
NOTE: SEE ARTICLES 780.04 & 781.03 FOR LOCATION OF STRIPES AND MARKERS RELATIVE TO EDGES OR JOINTS.

FOR RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO STANDARD 781001.

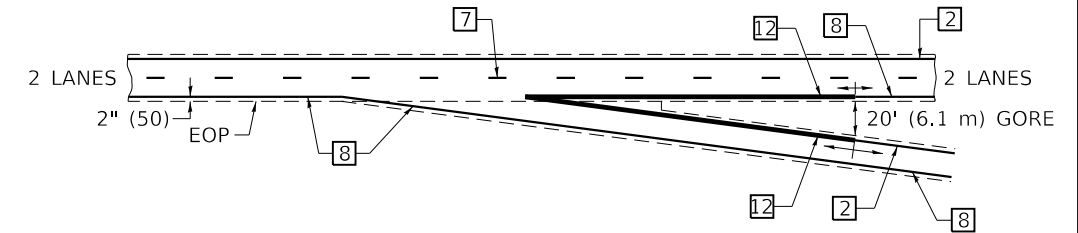
TYPICAL PAVEMENT MARKING LEGEND



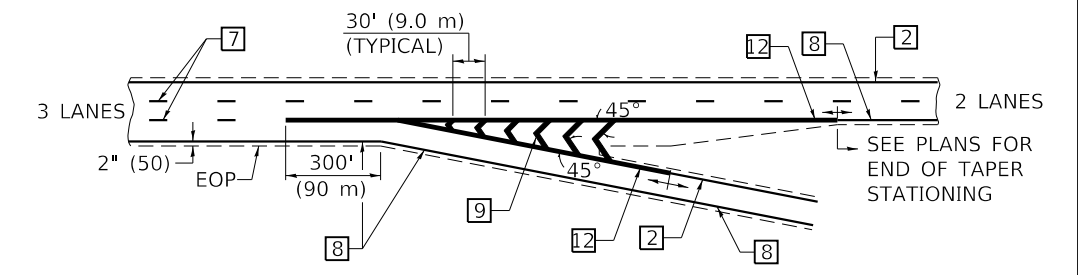
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)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



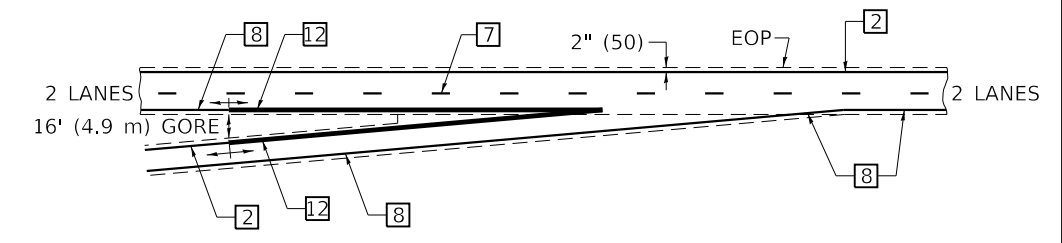
TYPICAL EXIT RAMP TERMINAL



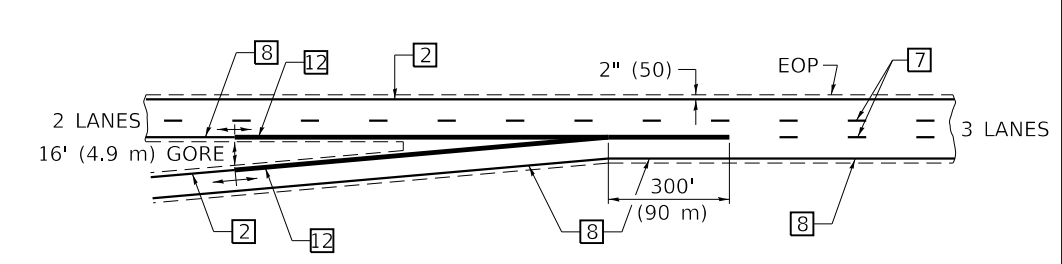
EXIT RAMP TERMINAL with EXCLUSIVE (auxiliary) LANE



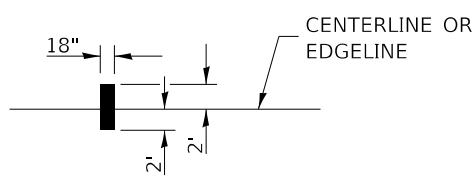
TYPICAL ENTRANCE RAMP TERMINAL



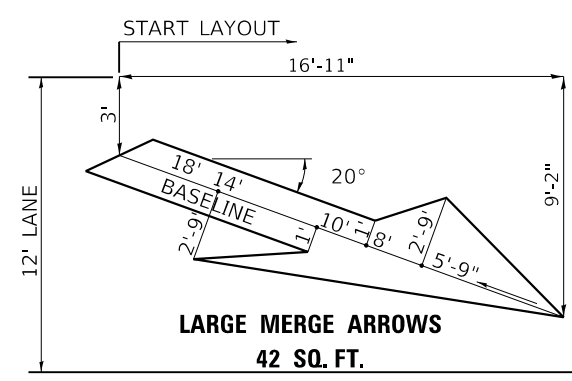
ENTRANCE RAMP TERMINAL with EXCLUSIVE LANE



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.

MODEL: Default; FILE: D:\exp\p\sh\hertley\c\com\exp\p\sh\01\Documents\Project\CH01002\6550-A01800_CADD\Design\002_Phase 01\002.dwg; Phase 01\002.dwg; CH01002\6550-A01800_CADD\Design\002_Phase 01\002.dwg; CH01002\6550-A01800_CADD\Design\002_Phase 01\002.dwg

FILE NAME =	USER NAME = BajzekK	DESIGNED - JP	REVISED -
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exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 40.0000 "/td> <td>CHECKED - DDH</td> <td>REVISED -</td>	CHECKED - DDH	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 10/16/2019	DATE - 10/16/2019	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

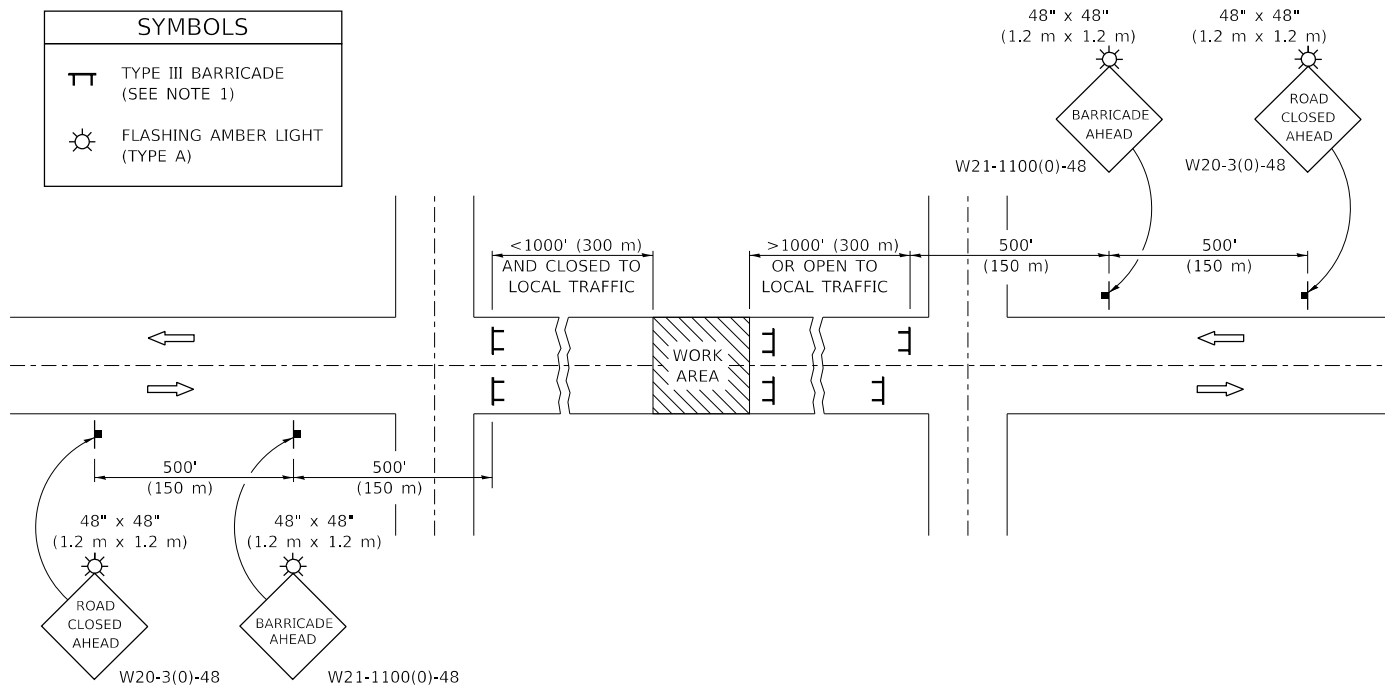
SCALE: SHEET OF SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800BBBB				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	79
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

ROAD CLOSURE

SIDEROAD / STREET CLOSURE

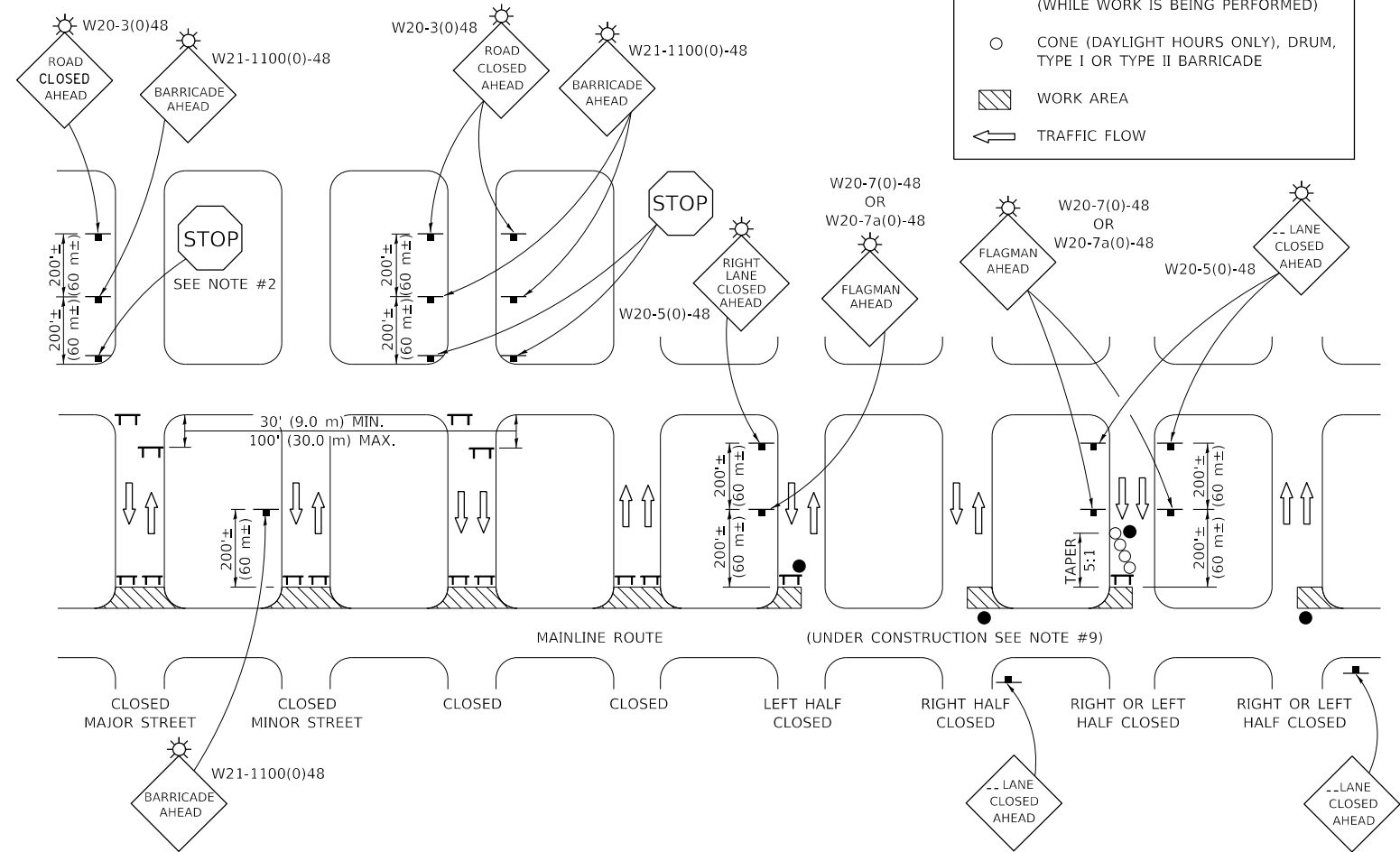
SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	FLASHING AMBER LIGHT (TYPE A)



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TYPE III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

SYMBOLS	
	TYPE III BARRICADE (SEE NOTE)
	FLASHING LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN (WHILE WORK IS BEING PERFORMED)
	CONE (DAYLIGHT HOURS ONLY), DRUM, TYPE I OR TYPE II BARRICADE
	WORK AREA
	TRAFFIC FLOW



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION DEVICES
(ROAD & SIDEROAD/STREET CLOSURES)

DISTRICT 5 DETAIL NO. 7020000

FILE NAME = D570C64-sht-details-district-004.dgn	USER NAME = Bajzekk	DESIGNED - JP	REVISED -
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = 40.0000' / in.	DRAWN - JP	REVISED -
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY	PLOT DATE = 10/16/2019	CHECKED - DDH	REVISED -
		DATE - 10/16/2019	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	80
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

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 exp U.S. Services Inc. Chicago, IL
 BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY

GENERAL NOTES:

- CONTRACTOR TO EXERCISE CAUTION WHEN INSTALLING FOUNDATIONS AND LIGHT POLES TO AVOID DAMAGE TO EXISTING AERIAL POWER CABLES AND ENSURE ADEQUATE HORIZONTAL AND VERTICAL CLEARANCE FROM OVERHEAD POWER LINES.
- TEMPORARY LIGHTING SHALL REMAIN OPERATIONAL UNTIL PROPOSED LIGHTING SYSTEM IS OPERATIONAL. REMOVAL OF TEMPORARY LIGHTING SHALL BE AT THE COMPLETION OF THE PROJECT.

HIGHWAY STANDARDS

- 812001 RACEWAY EMBEDDED IN STRUCTURE
- 821101-02 LUMINAIRE WIRING IN POLE
- 830016-03 LIGHT POLE STEEL DAVIT ARM
- 830026-01 TEMPORARY ROADWAY LIGHTING
- 838001-01 BREAKAWAY DEVICES






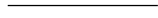

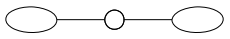
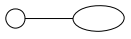

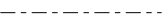
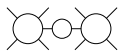

INDEX OF SHEETS

- RL-1 GENERAL NOTES, SCHEDULE OF QUANTITIES, HIGHWAY STANDARDS, LEGEND, AND INDEX OF SHEETS
- RL-2 LIGHTING REMOVAL PLAN
- RL-3 LIGHTING REMOVAL PLAN
- RL-4 LIGHTING REMOVAL PLAN
- RL-5 LIGHTING REMOVAL PLAN
- RL-6 TEMPORARY LIGHTING PLAN - STAGE 1
- RL-7 TEMPORARY LIGHTING PLAN - STAGE 1
- RL-8 TEMPORARY LIGHTING PLAN - STAGE 1
- RL-9 TEMPORARY LIGHTING PLAN - STAGE 1
- RL-10 TEMPORARY LIGHTING PLAN - STAGE 2
- RL-11 PROPOSED LIGHTING PLAN
- RL-12 PROPOSED LIGHTING PLAN
- RL-13 PROPOSED LIGHTING PLAN
- RL-14 PROPOSED LIGHTING PLAN
- RL-15 MODIFIED WIRING DIAGRAMS - CONTROLLER 52
- RL-16 MODIFIED WIRING DIAGRAMS - CONTROLLER 53
- RL-17 WIRING DIAGRAMS - TEMPORARY & PROPOSED
- RL-18 TEMPORARY LUMINAIRE PERFORMANCE TABLES
- RL-19 PROPOSED LUMINAIRE PERFORMANCE TABLE

CONDUCTOR SCHEDULE

- (A)** AERIAL CABLE 2-1C NO.8 WITH MESSENGER WIRE
- (B)** UNIT DUCT, 600V, 3-1C NO.8 1/C NO.8 GROUND (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (C)** 3-1C NO.8 1/C NO.8 GROUND (XLP-TYPE USE), CABLE IN 2" SCH 40 PVC CONDUIT EMBEDDED IN CONCRETE MEDIAN.

LEGEND

-  PROPOSED LIGHTING UNIT, STAINLESS STEEL, 45' M.H. TWIN DAVIT - 6' ARMS, LED HORIZONTAL MOUNT 480V LUMINAIRE, MOUNTED ON CENTER MEDIAN WALL.
-  TEMPORARY LIGHTING UNIT, 70FT WOOD POLE, CLASS 3, WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION AND MAST ARMS AS STATED ON TEMPORARY LIGHTING PLANS. 60FT LUMINAIRE MOUNTING HEIGHT.
-  GUY WIRE ANCHOR
-  PROPOSED AERIAL CABLE, SIZED AS NOTED.
-  PROPOSED COILABLE NONMETALLIC CONDUIT, SIZE AND LENGTH AS NOTED.
-  PROPOSED UNIT DUCT, SIZE AS NOTED.
-  PROPOSED JUNCTION BOX, SIZE AS NOTED.
-  EXISTING LIGHTING UNIT TO BE REMOVED, TWIN MAST ARM
-  EXISTING LIGHTING UNIT TO BE REMOVED, SINGLE MAST ARM
-  EXISTING LIGHTING CONTROLLER 480V SINGLE PHASE.
-  EXISTING CONDUIT.
-  EXISTING LIGHTING UNIT TO REMAIN, TWIN MAST ARM
-  EXISTING LIGHTING UNIT TO REMAIN, SINGLE MAST ARM

PROPOSED BILL OF MATERIALS

PAY ITEM	DESCRIPTION	UNIT	QUANTITY TOTALS
81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	60.0
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	7,214.0
81300550	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 12" X 12" X 6"	EACH	4.0
81300980	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 8" X 8" X 6"	EACH	2.0
81603055	UNIT DUCT, 600V, 3-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	260.0
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	21,180.0
82110007	LUMINAIRE, LED, ROADWAY, G	EACH	54.0
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	10.5
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	8.0
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	5,180.0
X8360103	LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL	EACH	17.0
X0324534	REMOVE AND REINSTALL LIGHT POLES	LUMP SUM	1.0
83061502	LIGHT POLE, STAINLESS STEEL, 45 FT. M.H., 6 FT. DAVIT ARM, TWIN	EACH	4.0
X1400267	REMOVAL OF LIGHTING LUMINAIRE, NO SALVAGE	EACH	52.0
X8410102	TEMPORARY LIGHTING SYSTEM	LUMP SUM	1.0
Z0033024	MAINTAIN EXISTING LIGHTING SYSTEM	LUMP SUM	1.0

TEMPORARY LIGHTING SYSTEM PAY ITEM BREAKDOWN

DESCRIPTION	UNIT	QUANTITY TOTALS
*UNIT DUCT, 600V, 3-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	470.0
*AERIAL CABLE, 2-1/C NO. 8 WITH MESSENGER WIRE	FOOT	7,800.0
*LUMINAIRE, LED, ROADWAY, G	EACH	31.0
*LUMINAIRE, LED, ROADWAY, H	EACH	6.0
*REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	700.0
*REMOVE TEMPORARY LIGHTING SYSTEM	LUMP SUM	1.0
*TEMPORARY WOOD POLE, 70 FT, CLASS 3, 15FT MAST ARM	EACH	8.0
*TEMPORARY WOOD POLE, 70 FT, CLASS 3	EACH	25.0
*COST OF ITEMS INCLUDED IN TEMPORARY LIGHTING SYSTEM (LUMP SUM). NO ADDITIONAL COMPENSATION ALLOWED.		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

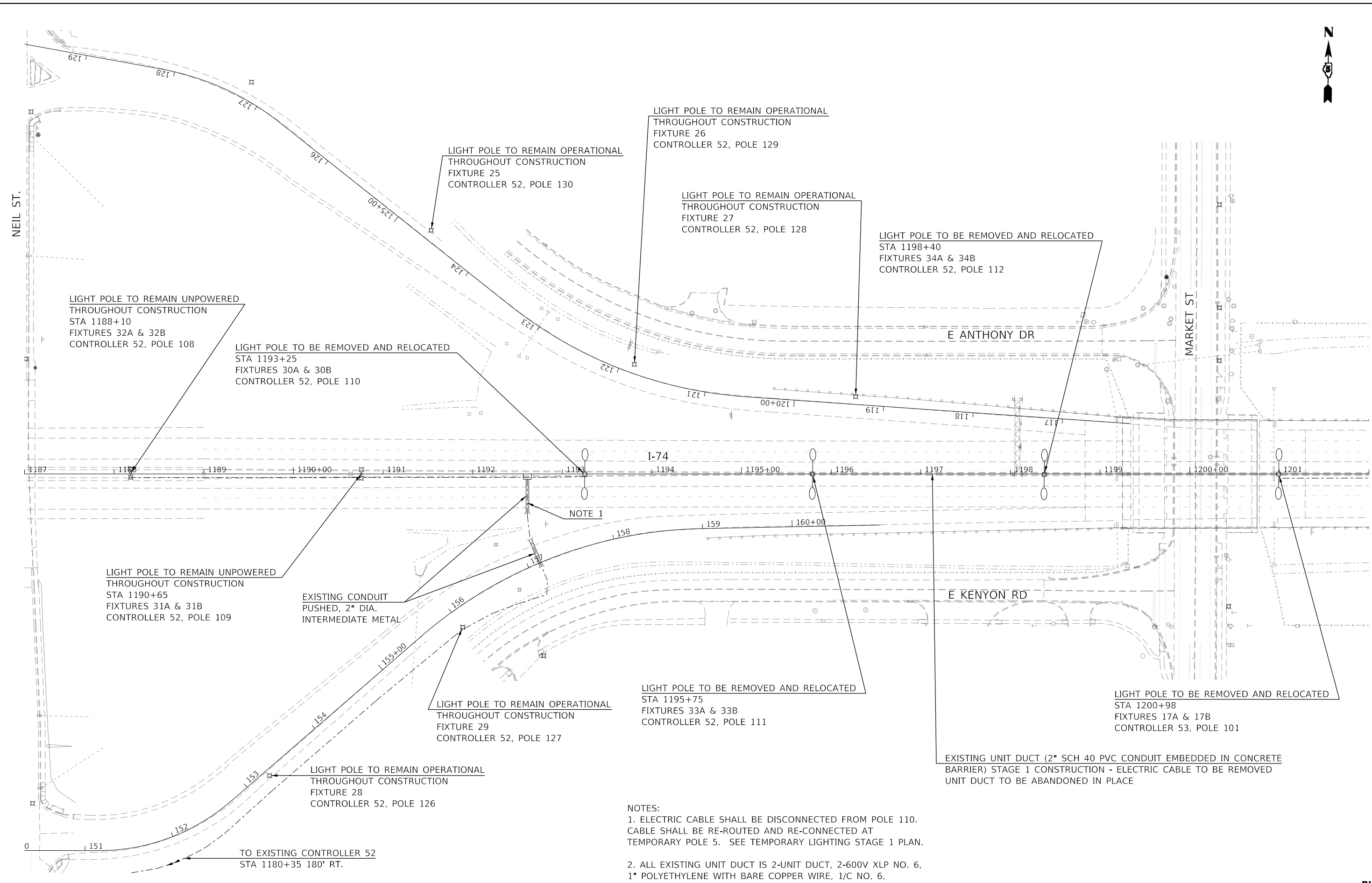
LIGHTING GENERAL NOTES
I-74 OVER ICRR AND MARKET STREET

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	81
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

RL-1

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 DESIGNED: KA
 DRAWN: KA
 CHECKED: MS
 DATE: 10/16/2019
 REVISED: -
 REVISED: -
 REVISED: -
 REVISED: -



NOTES:
 1. ELECTRIC CABLE SHALL BE DISCONNECTED FROM POLE 110. CABLE SHALL BE RE-ROUTED AND RE-CONNECTED AT TEMPORARY POLE 5. SEE TEMPORARY LIGHTING STAGE 1 PLAN.
 2. ALL EXISTING UNIT DUCT IS 2-UNIT DUCT, 2-600V XLP NO. 6, 1" POLYETHYLENE WITH BARE COPPER WIRE, 1/C NO. 6.

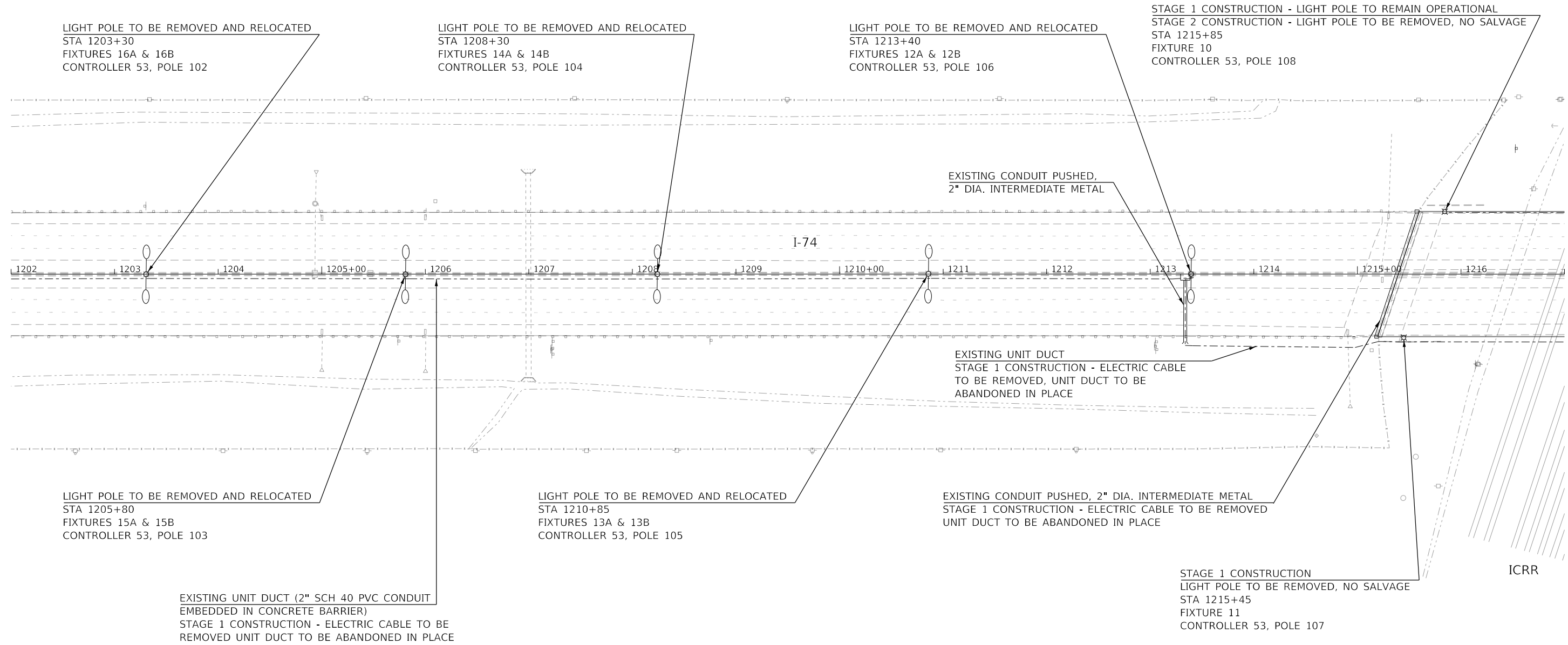
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FILE NAME =	USER NAME = BajzekK	DESIGNED - KA	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISOR -	REVISED -
PLOT DATE = 10/16/2019	DATE - 10/16/2019	REVISOR -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING REMOVAL PLAN			
I-74 OVER ICR AND MARKET STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	82
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



NOTES:
 A. ALL EXISTING UNIT DUCT IS 2-UNIT DUCT, 2-600V XLP NO. 6,
 1" POLYETHYLENE WITH BARE COPPER WIRE, 1/C NO. 6.

MODEL: Default
 FILE NAME: D:\Projects\70C64\Lighting-Rem2.dgn
 USER: bajzekk
 DATE: 10/16/2019

FILE NAME =	USER NAME = bajzekk	DESIGNED - KA	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISED -
	PLOT DATE = 10/16/2019	DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LIGHTING REMOVAL PLAN
 I-74 OVER ICRR AND MARKET STREET**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	83
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



STAGE 1 CONSTRUCTION - UNIT DUCT TO BE UTILIZED
 STAGE 2 CONSTRUCTION - ELECTRIC CABLE TO BE REMOVED,
 UNIT DUCT TO BE ABANDONED IN PLACE

STAGE 1 CONSTRUCTION - LIGHT POLE TO REMAIN OPERATIONAL
 STAGE 2 CONSTRUCTION - LIGHT POLE TO BE REMOVED, NO SALVAGE
 STA 1218+15
 FIXTURE 8
 CONTROLLER 53, POLE 110

STAGE 1 CONSTRUCTION - LIGHT POLE TO REMAIN OPERATIONAL
 STAGE 2 CONSTRUCTION - LIGHT POLE TO BE REMOVED, NO SALVAGE
 STA 1220+40
 FIXTURE 6
 CONTROLLER 53, POLE 112

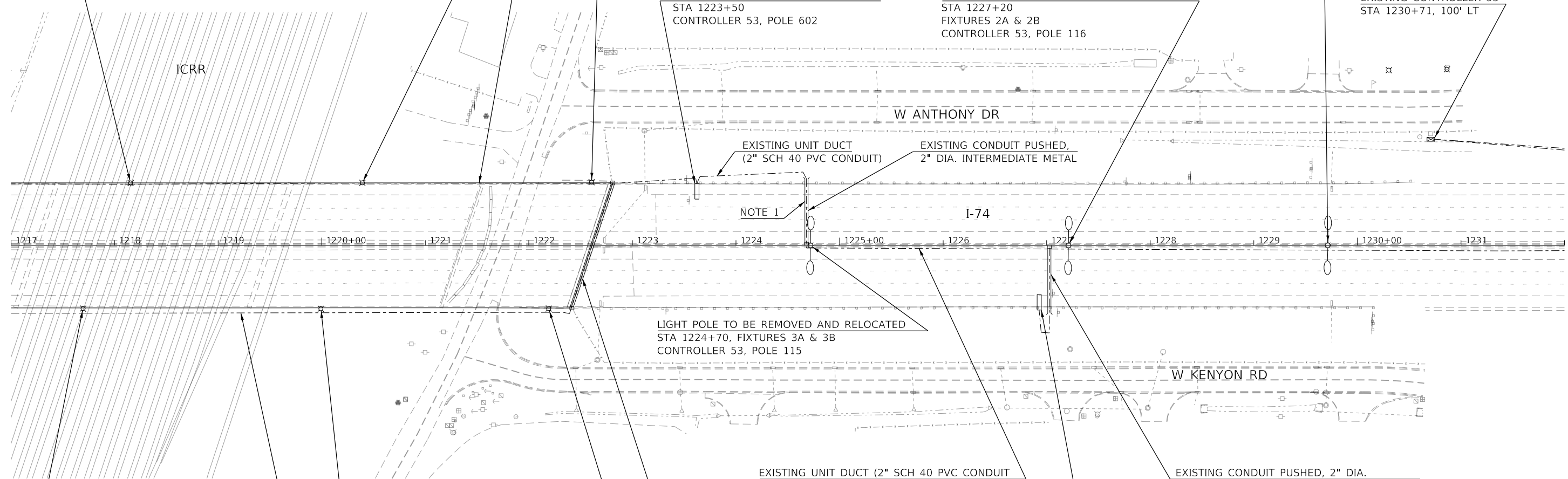
STAGE 1 CONSTRUCTION - LIGHT POLE TO REMAIN OPERATIONAL
 STAGE 2 CONSTRUCTION - LIGHT POLE TO BE REMOVED, NO SALVAGE
 STA 1222+60
 FIXTURE 4
 CONTROLLER 53, POLE 114

LIGHTED CANTILEVER SIGN STRUCTURE
 STA 1223+50
 CONTROLLER 53, POLE 602

LIGHT POLE TO BE REMOVED AND RELOCATED
 STA 1227+20
 FIXTURES 2A & 2B
 CONTROLLER 53, POLE 116

LIGHT POLE TO BE REMOVED AND RELOCATED
 STA 1229+70
 FIXTURES 1A & 1B
 CONTROLLER 53, POLE 117

EXISTING CONTROLLER 53
 STA 1230+71, 100' LT



STAGE 1 CONSTRUCTION
 ELECTRICAL CABLE AND UNIT DUCT
 ATTACHED TO BRIDGE PARAPET
 TO BE REMOVED

STAGE 1 CONSTRUCTION
 LIGHT POLE TO BE REMOVED, NO SALVAGE
 STA 1222+20
 FIXTURE 5
 CONTROLLER 53, POLE 113

LIGHT POLE TO BE REMOVED AND RELOCATED
 STA 1224+70, FIXTURES 3A & 3B
 CONTROLLER 53, POLE 115

EXISTING UNIT DUCT (2" SCH 40 PVC CONDUIT
 EMBEDDED IN CONCRETE BARRIER)
 STAGE 1 CONSTRUCTION - ELECTRIC CABLE
 TO BE REMOVED, UNIT DUCT TO BE
 ABANDONED IN PLACE

EXISTING CONDUIT PUSHED, 2" DIA.
 INTERMEDIATE METAL STAGE 1 CONSTRUCTION
 ELECTRICAL CABLE TO BE REMOVED
 UNIT DUCT TO BE ABANDONED IN PLACE

STAGE 1 CONSTRUCTION
 LIGHT POLE TO BE REMOVED, NO SALVAGE
 STA 1220+00
 FIXTURE 7
 CONTROLLER 53, POLE 111

EXISTING CONDUIT PUSHED, 2" DIA.
 INTERMEDIATE METAL STAGE 1 CONSTRUCTION
 ELECTRIC CABLE TO BE REMOVED, UNIT DUCT
 TO BE ABANDONED IN PLACE

LIGHTED CANTILEVER SIGN STRUCTURE
 STA 1227+00
 CONTROLLER 53, POLE 601

STAGE 1 CONSTRUCTION
 LIGHT POLE TO BE REMOVED, NO SALVAGE
 STA 1217+70
 FIXTURE 9
 CONTROLLER 53, POLE 109

NOTES:
 1. ELECTRIC CABLE SHALL BE DISCONNECTED FROM POLE 115, CABLE
 SHALL BE RE-ROUTED AND RE-CONNECTED AT TEMPORARY POLE 24.
 SEE TEMPORARY LIGHTING STAGE 1 PLAN.

2. ALL EXISTING UNIT DUCT IS 2-UNIT DUCT. 2-600V XLP
 NO. 6, 1" POLYETHYLENE WITH BARE COPPER WIRE, 1/C NO. 6.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

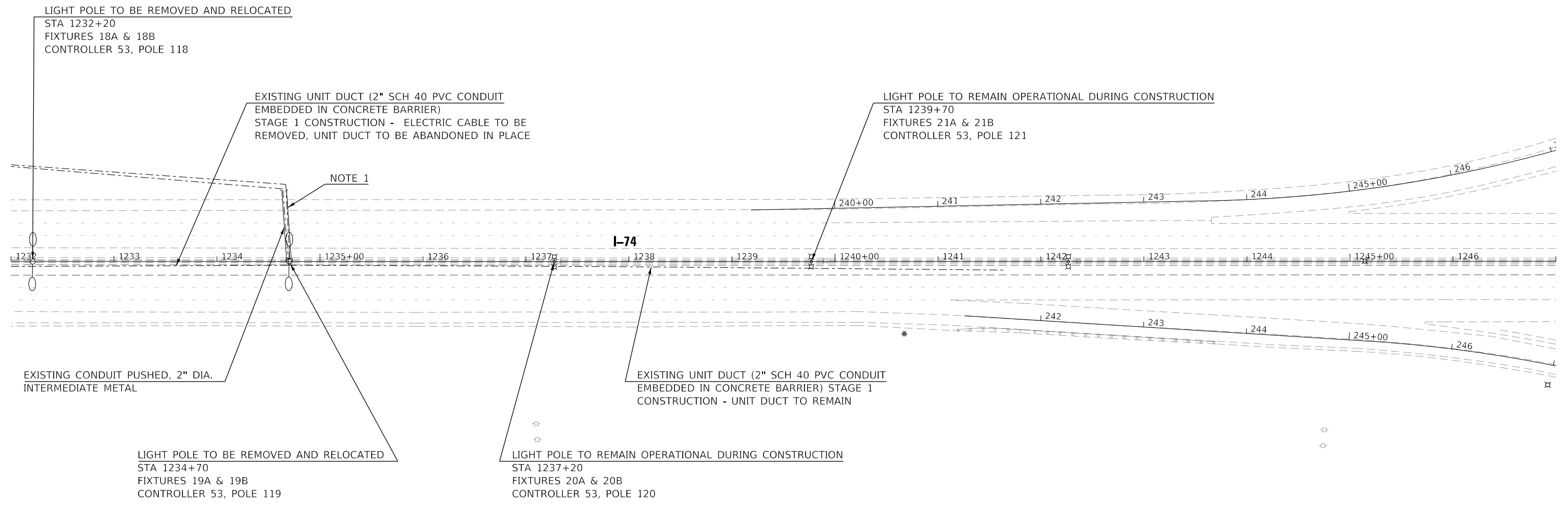
LIGHTING REMOVAL PLAN
 I-74 OVER ICRR AND MARKET STREET

FILE NAME =	USER NAME = BajzekK	DESIGNED - KA	REVISED -
D570C64-sht-Lighting-Rem3.dgn		DRAWN - KA	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISED -
	PLOT DATE = 10/16/2019	DATE - 10/16/2019	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	84
			CONTRACT NO. 70C64	
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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 PROJECT: CH0100246550-A01800_CADD Design\802_Phase 0802.04_Electrical\Sheet\70C64-sht-Lighting-Rem3.dgn



NOTES:
 1. ELECTRIC CABLE SHALL BE DISCONNECTED FROM POLE 119. CABLE SHALL BE RE-ROUTED AND RE-CONNECTED AT TEMPORARY POLE 32. SEE TEMPORARY LIGHTING STAGE 1 PLAN.
 2. ALL EXISTING UNIT DUCT IS 2-UNIT DUCT, 2-600V XLP NO. 6, 1" POLYETHYLENE WITH BARE COPPER WIRE, 1/C NO. 6.

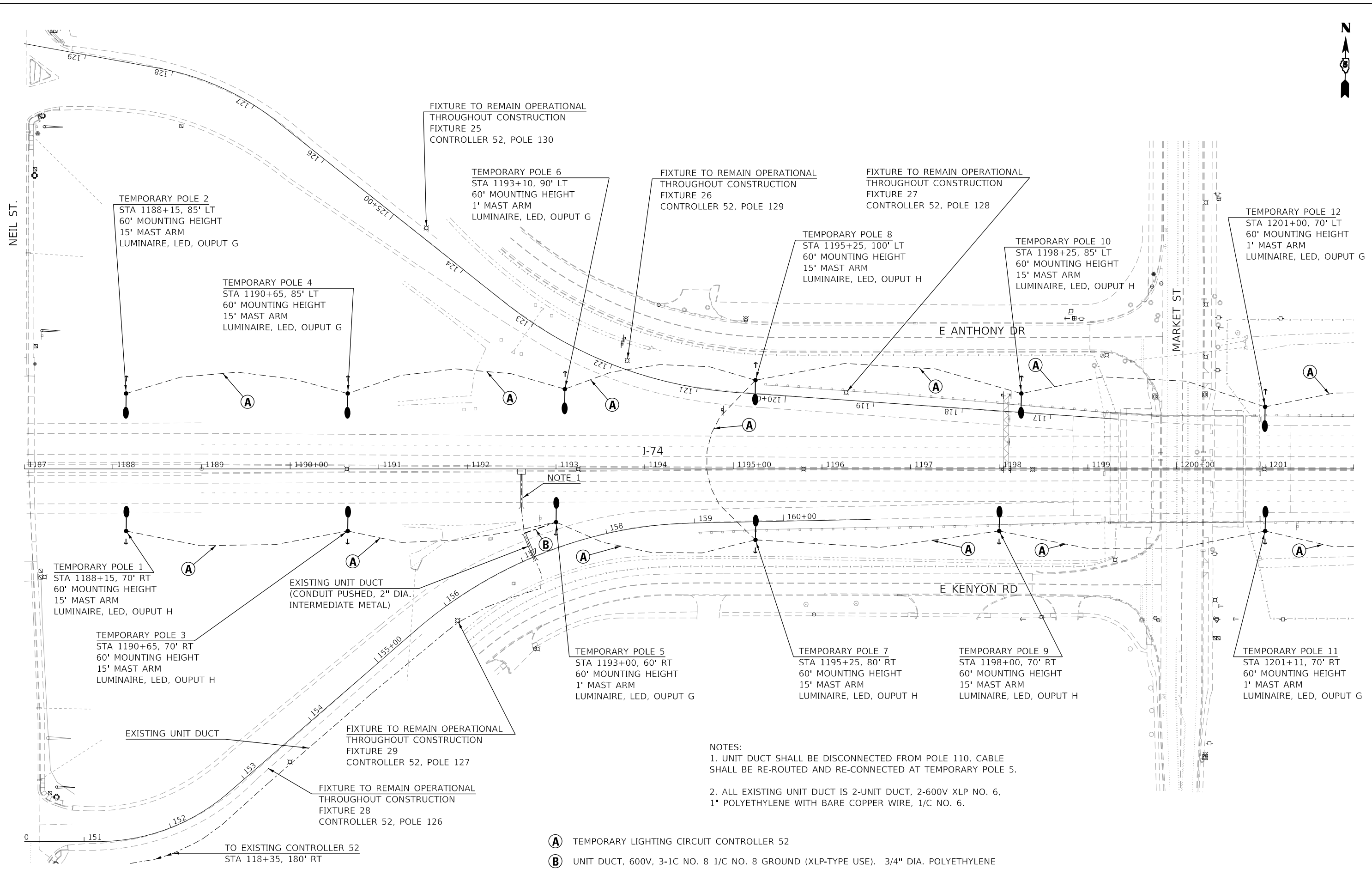
MODEL: Default
 FILE NAME: D:\570C64-sht-Lighting-Rem.dgn
 USER: bajzekk
 DATE: 10/16/2019
 PROJECT: CH00246550-00800_CADD_Design802_Phase 080204_ElectricalSheet0570C64-sht-Lighting-Rem.dgn

FILE NAME =	USER NAME = bajzekk	DESIGNED - KA	REVISED -
D570C64-sht-Lighting-Rem.dgn		DRAWN - KA	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISED -
	PLOT DATE = 10/16/2019	DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LIGHTING REMOVAL PLAN
 I-74 OVER ICRR AND MARKET STREET**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	85
CONTRACT NO. 70C64				
SCALE:		SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT



NOTES:
 1. UNIT DUCT SHALL BE DISCONNECTED FROM POLE 110, CABLE SHALL BE RE-ROUTED AND RE-CONNECTED AT TEMPORARY POLE 5.
 2. ALL EXISTING UNIT DUCT IS 2-UNIT DUCT, 2-600V XLP NO. 6, 1" POLYETHYLENE WITH BARE COPPER WIRE, 1/C NO. 6.

- (A) TEMPORARY LIGHTING CIRCUIT CONTROLLER 52
- (B) UNIT DUCT, 600V, 3-1C NO. 8 1/C NO. 8 GROUND (XLP-TYPE USE). 3/4" DIA. POLYETHYLENE

MODEL: Default
 FILE NAME: D:\570C64-sht-Lighting-Tmp1.dgn
 USER: bajzekk
 PROJECT: CH00246550-A01800_CADD Design002 Phase 080204 ElectricalSheet0570C64-sht-Lighting-Tmp1.dgn

FILE NAME =	USER NAME = bajzekk	DESIGNED - KA	REVISED -
D570C64-sht-Lighting-Tmp1.dgn		DRAWN - KA	REVISED -
PLOT SCALE = 100.0000' / in.		CHECKED - MS	REVISED -
PLOT DATE = 10/16/2019		DATE - 10/16/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

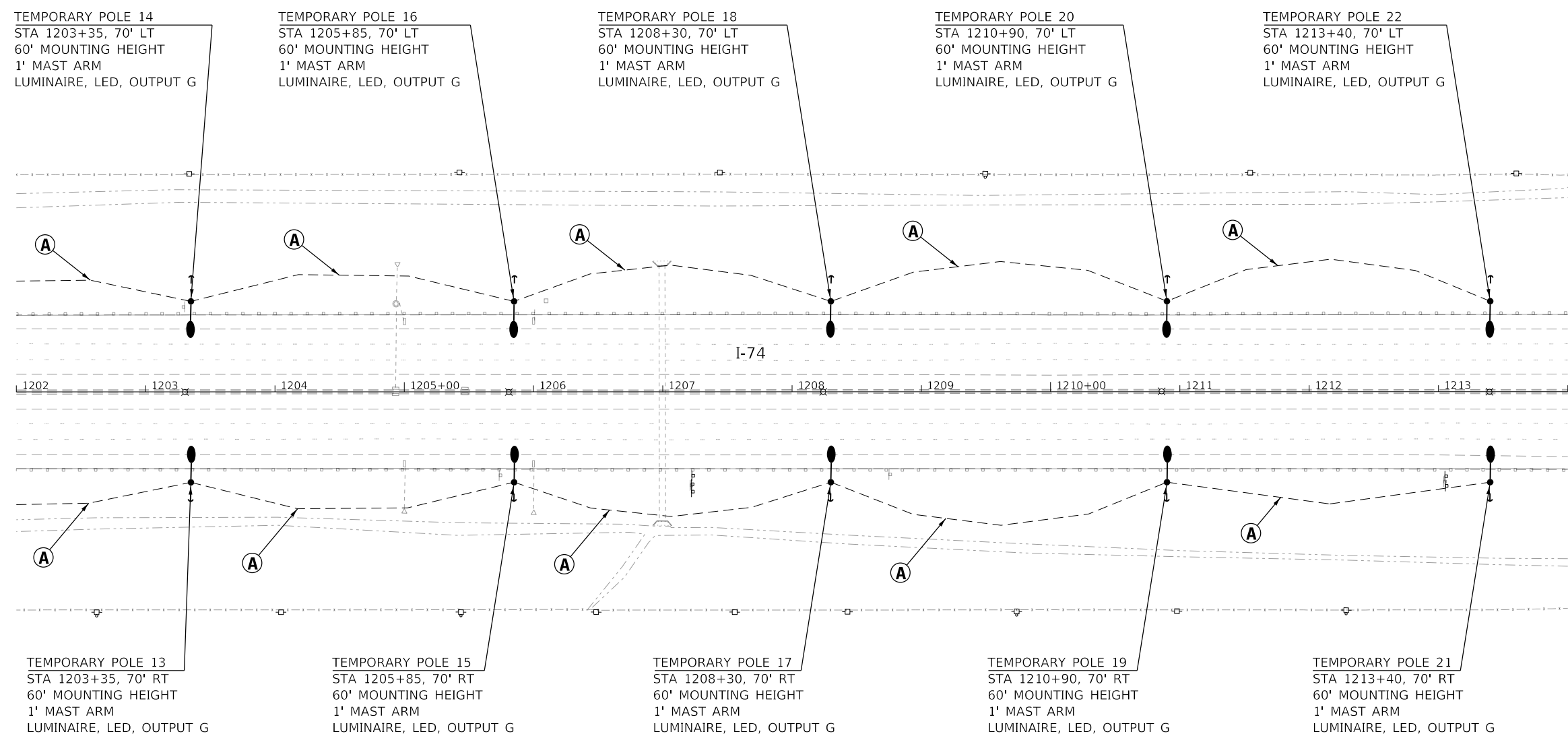
**TEMPORARY LIGHTING PLAN - STAGE 1
I-74 OVER ICRR AND MARKET STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	86
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



FOR CONTINUATION SEE
 RL-8 FOR STAGE 1 TEMPORARY LIGHTING PLAN
 RL-10 FOR STAGE 2 TEMPORARY LIGHTING PLAN



(A) TEMPORARY LIGHTING CIRCUIT CONTROLLER 52

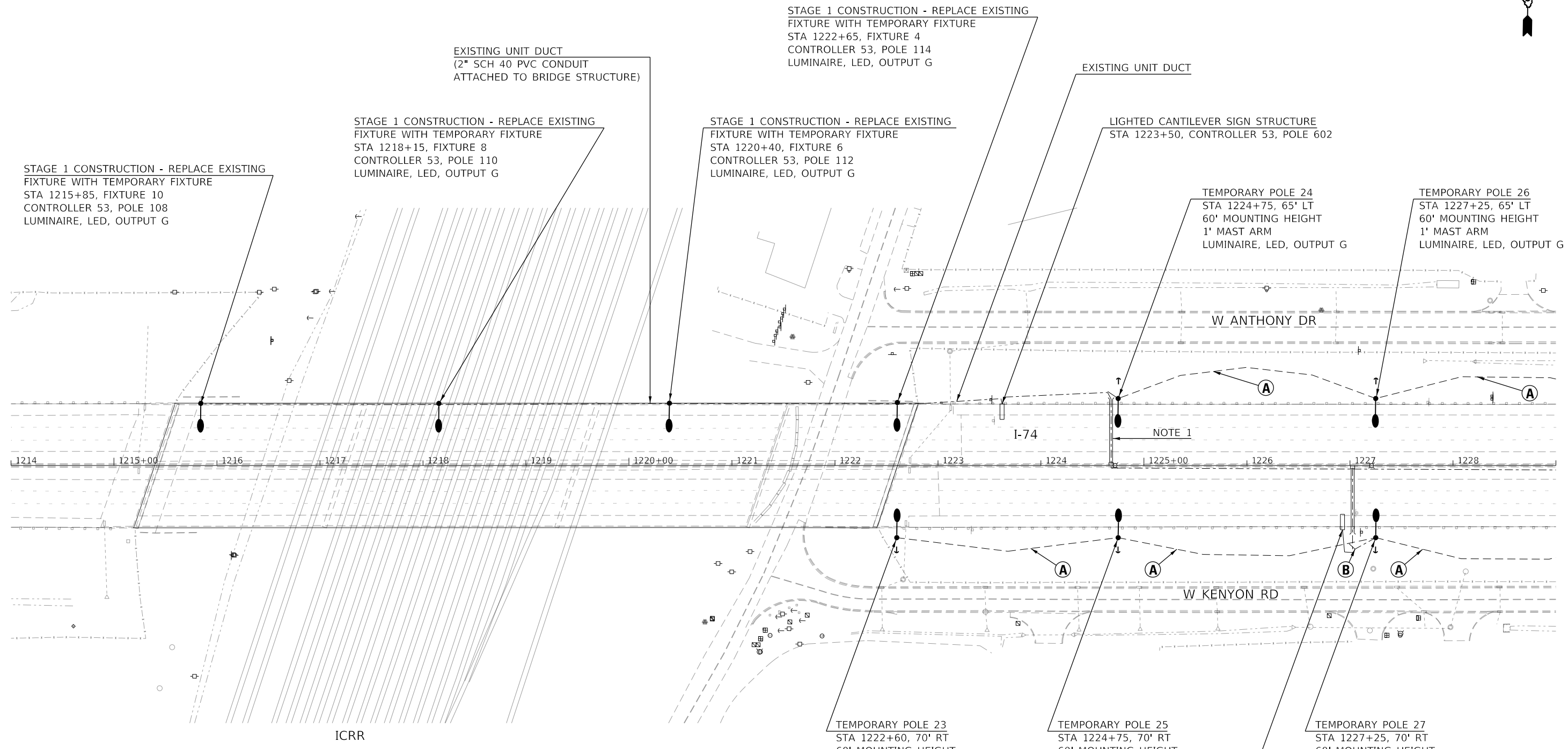
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FILE NAME =	USER NAME = BajzekK	DESIGNED - KA	REVISED -
D570C64-sht-Lighting-Tmp2.dgn		DRAWN - KA	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISED -
	PLOT DATE = 10/16/2019	DATE - 10/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING PLAN - STAGE 1
I-74 OVER ICRR AND MARKET STREET

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	87
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				



NOTES:
 1. UNIT DUCT SHALL BE DISCONNECTED FROM POLE 115. CABLE SHALL BE RE-ROUTED AND RECONNECTED AT TEMPORARY POLE 24.
 2. ALL EXISTING UNIT DUCT IS 2-UNIT DUCT, 2-600V XLP NO. 6, 1" POLYETHYLENE WITH BARE COPPER WIRE, 1/C NO.6.

- (A) TEMPORARY LIGHTING CIRCUIT CONTROLLER 53
- (B) UNIT DUCT, 600V, 3-1C NO. 8 1/C NO. 8 GROUND (XLP-TYPE USE). 3/4" DIA. POLYETHYLENE

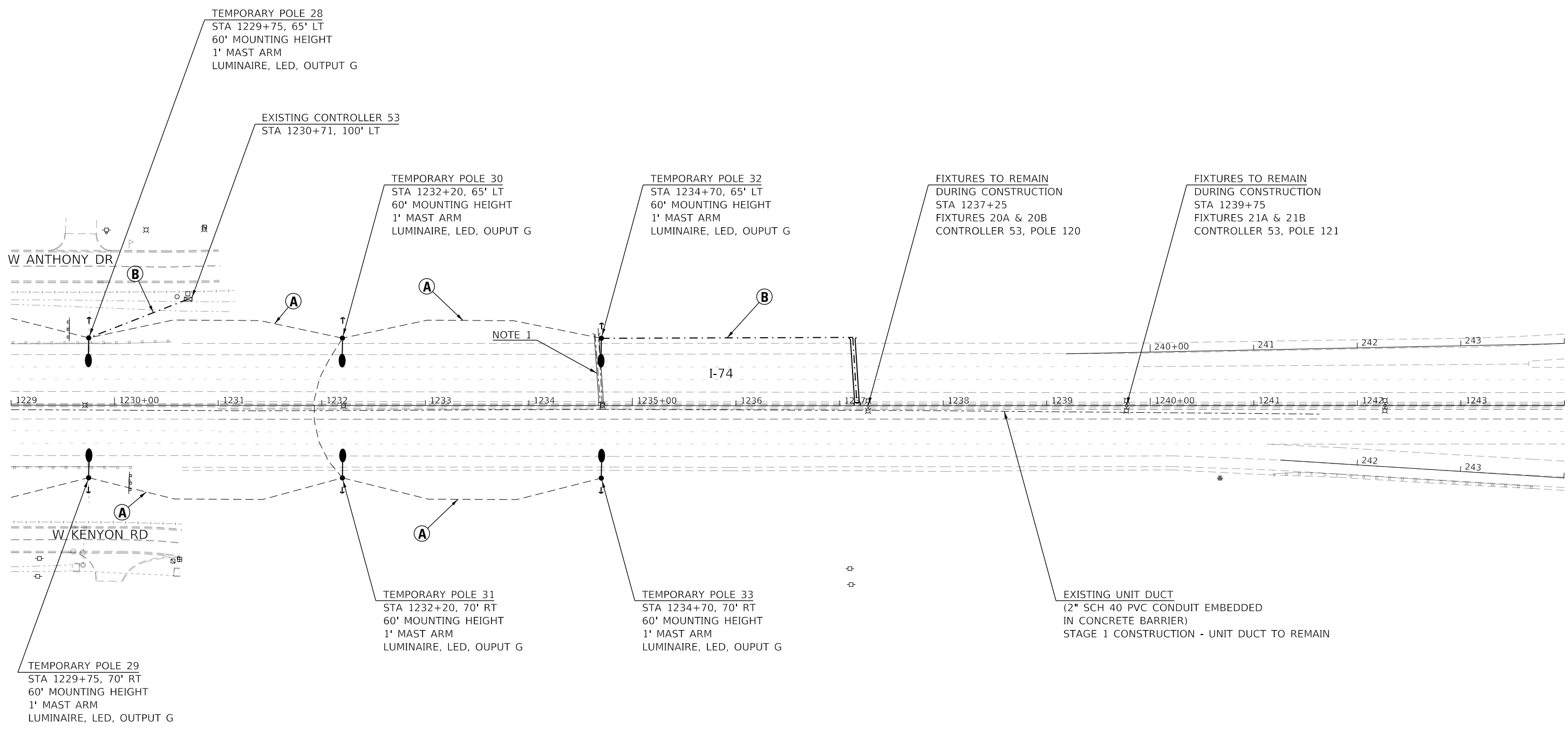
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 USER: bajzekk
 DATE: 10/16/2019

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
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PLOT SCALE =	CHECKED -	REVISIED -	
100.0000' / in.	MS		
PLOT DATE =	DATE -	REVISIED -	
10/16/2019	10/16/2019		

**STATE OF ILLINOIS
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TEMPORARY LIGHTING PLAN - STAGE 1			
I-74 OVER ICRR AND MARKET STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	88
CONTRACT NO. 70C64				
ILLINOIS		FED. AID PROJECT		



NOTES:
 1. UNIT DUCT SHALL BE DISCONNECTED FROM POLE 119. CABLE SHALL BE RE-ROUTED AND RECONNECTED AT TEMPORARY POLE 32.
 2. ALL EXISTING UNIT DUCT IS 2-UNIT DUCT, 2-600V XLP NO. 6, 1" POLYETHYLENE WITH BARE COPPER WIRE, 1/C NO.6.

- (A) TEMPORARY LIGHTING CIRCUIT CONTROLLER 53
- (B) UNIT DUCT, 600V, 3-1C NO. 8 1/C NO. 8 GROUND (XLP-TYPE USE). 3/4" DIA. POLYETHYLENE

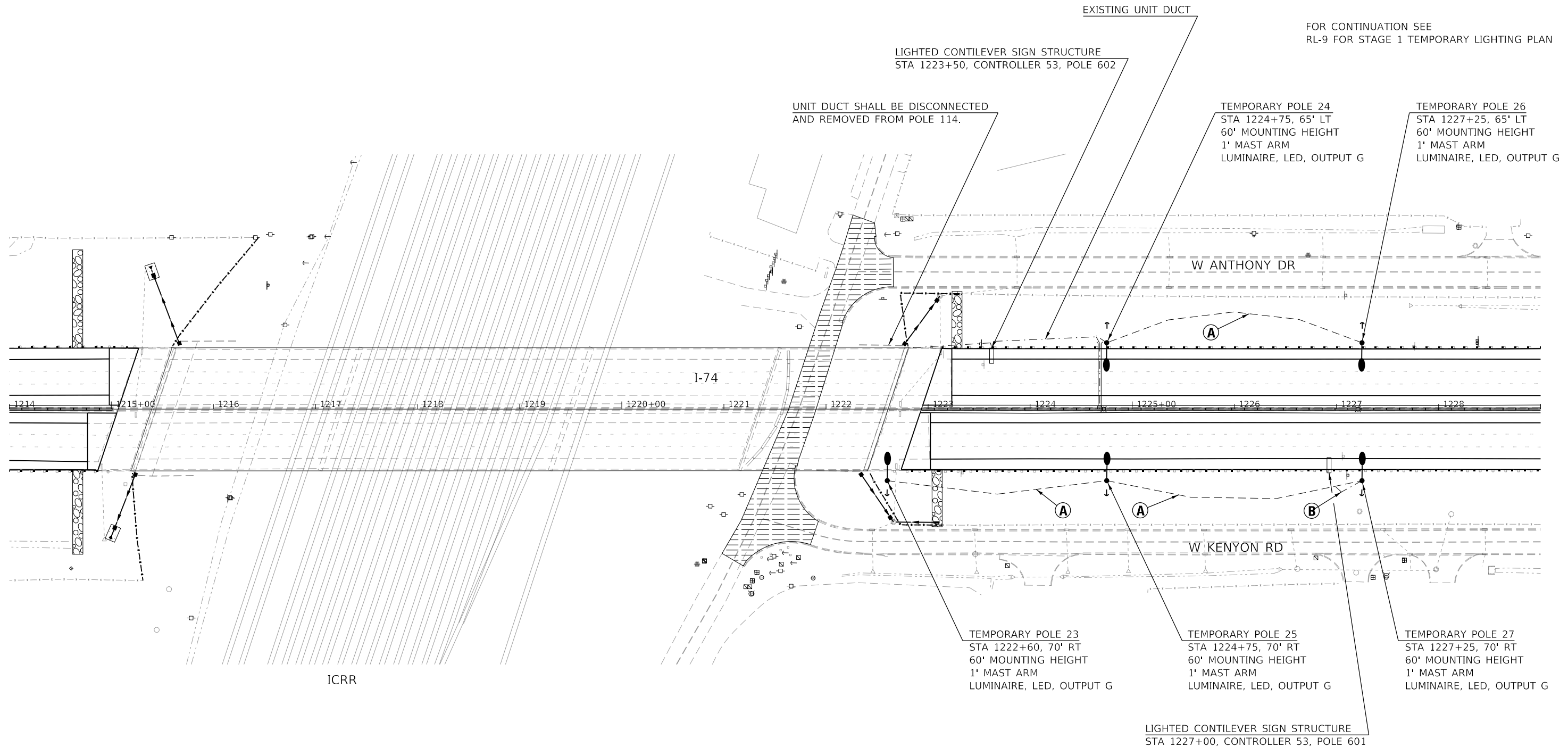
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 USER: bajzekk
 DESIGNED: KA
 DRAWN: KA
 CHECKED: MS
 DATE: 10/16/2019
 REVISED: -
 REVISED: -
 REVISED: -
 REVISED: -
 PLOT SCALE: 100.0000' / in.
 PLOT DATE: 10/16/2019

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING PLAN - STAGE 1
 I-74 OVER ICRR AND MARKET STREET**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	89
CONTRACT NO. 70C64				

SCALE: SHEET OF SHEETS STA. TO STA.



NOTES:
1. ALL EXISTING UNIT DUCT IS 2-UNIT DUCT, 2-600V XLP NO. 6,
1" POLYETHYLENE WITH BARE COPPER WIRE, 1/C NO. 6.

- Ⓐ TEMPORARY LIGHTING CIRCUIT CONTROLLER 53
- Ⓑ UNIT DUCT, 600V, 3-1C NO. 8 1/C NO. 8 GROUND (XLP-TYPE USE). 3/4" DIA. POLYETHYLENE

MODEL: Default
 FILE NAME: D:\Projects\70C64\Lighting-Tmp5.dgn
 USER: onealm
 DESIGNED: KA
 DRAWN: KA
 CHECKED: MS
 DATE: 10/16/2019
 REVISIONS:
 REVISION NO. DATE BY
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 2. 11/15/2019 MS
 3. 11/15/2019 MS
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 97. 11/15/2019 MS
 98. 11/15/2019 MS
 99. 11/15/2019 MS
 100. 11/15/2019 MS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING PLAN - STAGE 2
I-74 OVER ICRR AND MARKET STREET

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	90
CONTRACT NO. 70C64				

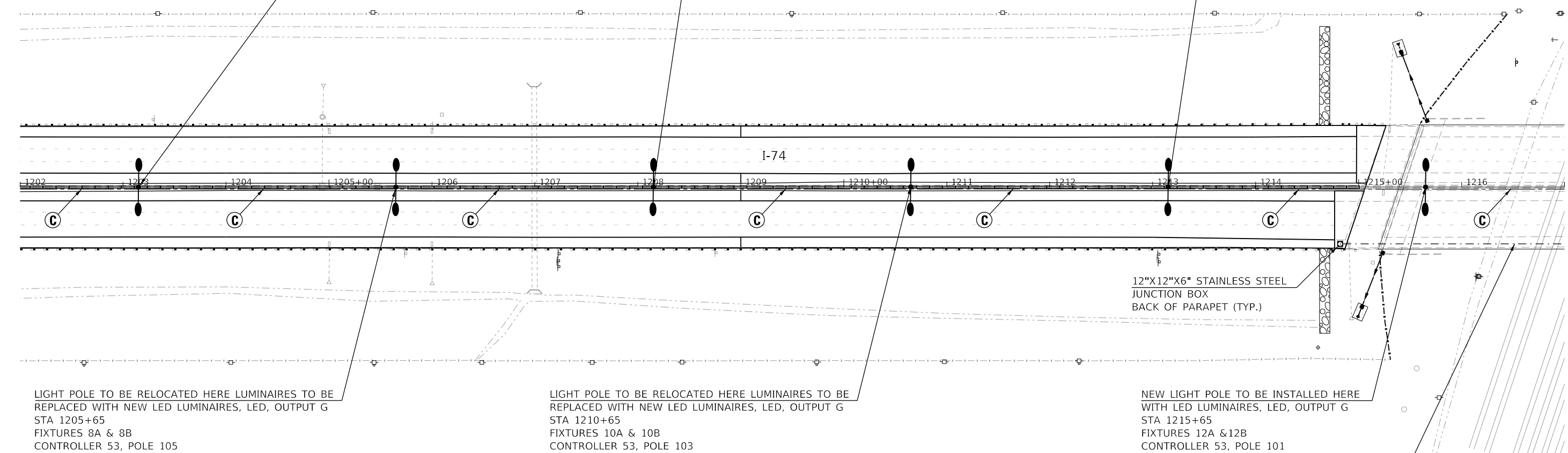
SCALE: SHEET OF SHEETS STA. TO STA.



LIGHT POLE TO BE RELOCATED HERE LUMINAIRES TO BE REPLACED WITH NEW LED LUMINAIRES, LED, OUTPUT G STA 1203+15
 FIXTURES 7A & 7B
 CONTROLLER 52, POLE 106

LIGHT POLE TO BE RELOCATED HERE LUMINAIRES TO BE REPLACED WITH NEW LED LUMINAIRES, LED, OUTPUT G STA 1208+15
 FIXTURES 9A & 9B
 CONTROLLER 52, POLE 104

LIGHT POLE TO BE RELOCATED HERE LUMINAIRES TO BE REPLACED WITH NEW LED LUMINAIRES, LED, OUTPUT G STA 1213+15
 FIXTURES 11A & 11B
 CONTROLLER 53, POLE 102



LIGHT POLE TO BE RELOCATED HERE LUMINAIRES TO BE REPLACED WITH NEW LED LUMINAIRES, LED, OUTPUT G STA 1205+65
 FIXTURES 8A & 8B
 CONTROLLER 53, POLE 105

LIGHT POLE TO BE RELOCATED HERE LUMINAIRES TO BE REPLACED WITH NEW LED LUMINAIRES, LED, OUTPUT G STA 1210+65
 FIXTURES 10A & 10B
 CONTROLLER 53, POLE 103

NEW LIGHT POLE TO BE INSTALLED HERE WITH LED LUMINAIRES, LED, OUTPUT G STA 1215+65
 FIXTURES 12A & 12B
 CONTROLLER 53, POLE 101

12"X12"X6" STAINLESS STEEL JUNCTION BOX BACK OF PARAPET (TYP.)

2 - 2" SCH 40 PVC CONDUIT EMBEDDED IN CONCRETE PARAPET

ICRR

Ⓢ NEW LIGHTING CIRCUIT CONTROLLER 53 (TYP.)

MODEL: Default
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 DESIGNED: KA
 DRAWN: KA
 CHECKED: MS
 DATE: 10/16/2019
 REVISED: -
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 REVISED: -
 PLOT SCALE: 100.0000' / in.
 PLOT DATE: 11/15/2019

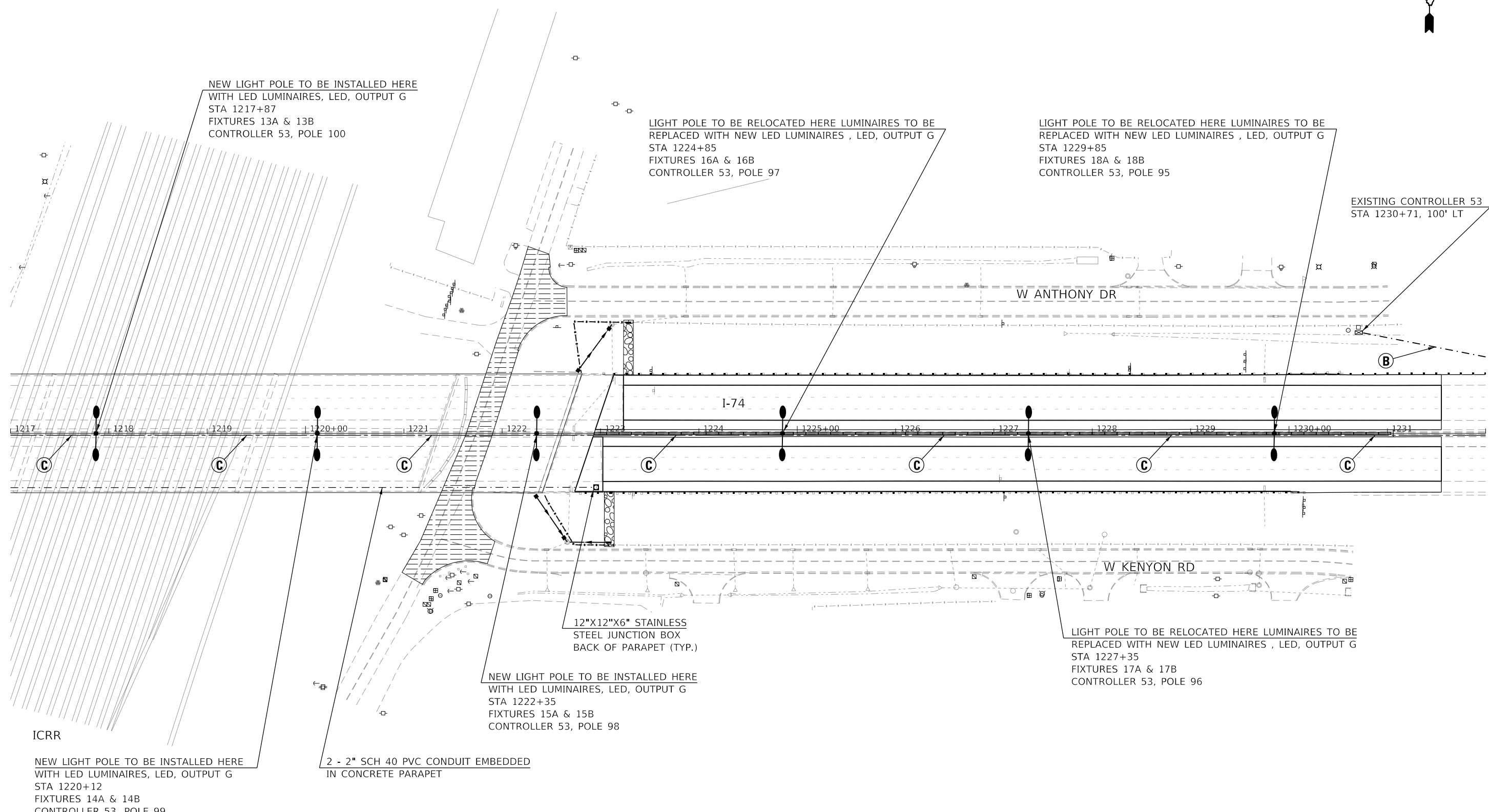
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
 I-74 OVER ICRR AND MARKET STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	92
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

RL-12



NEW LIGHT POLE TO BE INSTALLED HERE
WITH LED LUMINAIRES, LED, OUTPUT G
STA 1217+87
FIXTURES 13A & 13B
CONTROLLER 53, POLE 100

LIGHT POLE TO BE RELOCATED HERE LUMINAIRES TO BE
REPLACED WITH NEW LED LUMINAIRES , LED, OUTPUT G
STA 1224+85
FIXTURES 16A & 16B
CONTROLLER 53, POLE 97

LIGHT POLE TO BE RELOCATED HERE LUMINAIRES TO BE
REPLACED WITH NEW LED LUMINAIRES , LED, OUTPUT G
STA 1229+85
FIXTURES 18A & 18B
CONTROLLER 53, POLE 95

EXISTING CONTROLLER 53
STA 1230+71, 100' LT

12"X12"X6" STAINLESS
STEEL JUNCTION BOX
BACK OF PARAPET (TYP.)

NEW LIGHT POLE TO BE INSTALLED HERE
WITH LED LUMINAIRES, LED, OUTPUT G
STA 1222+35
FIXTURES 15A & 15B
CONTROLLER 53, POLE 98

LIGHT POLE TO BE RELOCATED HERE LUMINAIRES TO BE
REPLACED WITH NEW LED LUMINAIRES , LED, OUTPUT G
STA 1227+35
FIXTURES 17A & 17B
CONTROLLER 53, POLE 96

ICRR

NEW LIGHT POLE TO BE INSTALLED HERE
WITH LED LUMINAIRES, LED, OUTPUT G
STA 1220+12
FIXTURES 14A & 14B
CONTROLLER 53, POLE 99

2 - 2" SCH 40 PVC CONDUIT EMBEDDED
IN CONCRETE PARAPET

- (B)** UNIT DUCT, 600V, 3-1C NO. 8 1/C NO. 8 GROUND (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (C)** NEW LIGHTING CIRCUIT CONTROLLER 53 (TYP.)

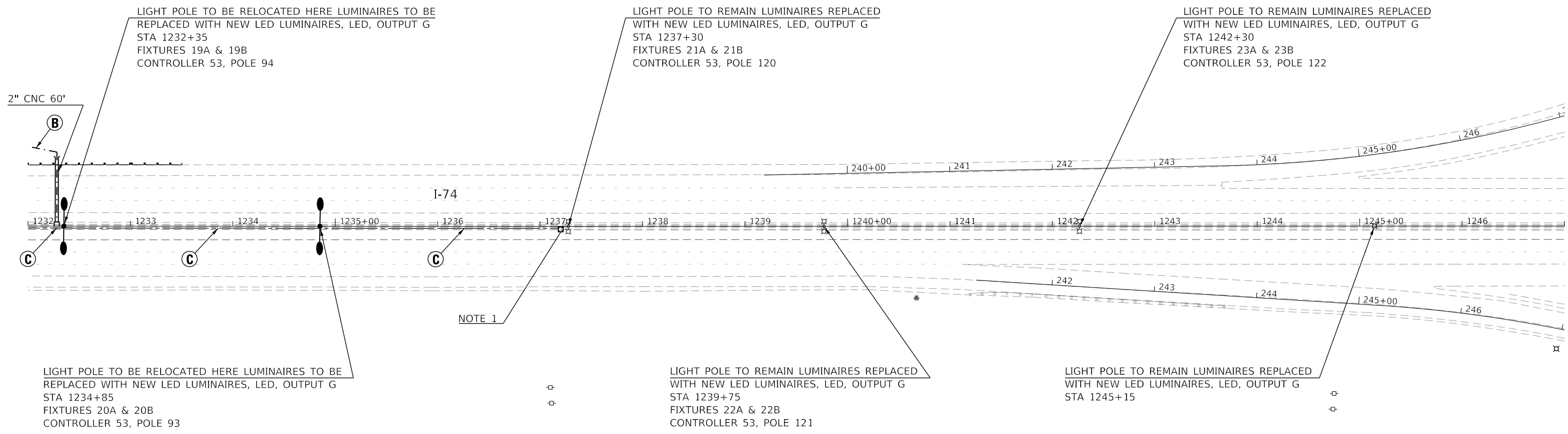
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 PLOT DATE = 11/15/2019

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
I-74 OVER ICRR AND MARKET STREET**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	93
CONTRACT NO. 70C64				

SCALE: SHEET OF SHEETS STA. TO STA.



NOTE 1

NOTES:
 1. WHERE NEW LIGHTING SYSTEM MEETS WITH EXISTING LIGHTING SYSTEM, A JUNCTION BOX SHALL BE INSTALLED ON NEW BARRIER WALL. JUNCTION BOX SHALL CONTAIN ANY SPLICING THAT MAY NEED TO TAKE PLACE.
 2. REPLACE EXISTING LUMINAIRES ON 4 POLES WEST OF PROJECT LIMITS. LIGHT POLES TO REMAIN, LUMINAIRES TO BE REPLACED WITH NEW LUMINAIRES, LED, OUTPUT G. POLE LOCATIONS NOT SHOWN:
 STA 1247+80
 STA 1250+30
 STA 1252+90

- (B)** UNIT DUCT, 600V, 3-1C NO. 8 1/C NO. 8 GROUND (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (C)** NEW LIGHTING CIRCUIT CONTROLLER 53 (TYP.)

MODEL: Default
 FILE NAME: D:\Projects\70C64\Lighting-Prop4.dgn
 USER: bajzekk
 DESIGNED: KA
 DRAWN: KA
 CHECKED: MS
 DATE: 10/16/2019
 PLOT SCALE: 100.0000' / in.
 PLOT DATE: 10/16/2019

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

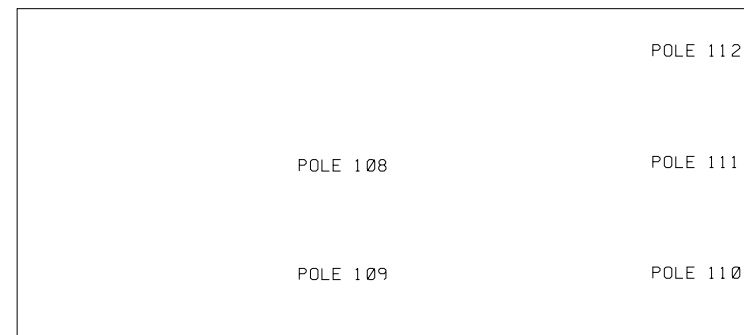
**PROPOSED LIGHTING PLAN
 I-74 OVER ICRR AND MARKET STREET**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	94
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

LEGEND

- Pxxx⬡ PROPOSED LED LUMINAIRE. NUMBER INSIDE DENOTES FIXTURE NUMBER, P-POLE NUMBER
- ⬡ SIGN EXISTING SIGN LUMINAIRE
- ⊥ GROUND ROD
- EXISTING CABLE (SIZE AS NOTED)
- - - - DISCONNECT CABLE AS SHOWN ON PLANS



NOTE 1

- - - - - DISCONNECT CABLE FROM POLE 110
(FIXTURES 30A & 30B) AND RE-ROUTE
PER STAGE 1 TEMPORARY LIGHTING PLANS

POLE 127

POLE 126

NOTES:

1. LUMINAIRES TO BE REMOVED, NO SALVAGE.
POLES TO BE REMOVED AND RELOCATED.
REMAINING ELECTRIC CABLE IN CONDUIT
TO BE REMOVED.

CONTROLLER 52

MODEL: Default
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FILE NAME =	USER NAME = BajzekK	DESIGNED - KA	REVISED -
D570C64-sht-lighting-wire-diagram-001.dgn		DRAWN - KA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MS	REVISIED -	
PLOT DATE = 10/16/2019	DATE - 10/16/2019	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

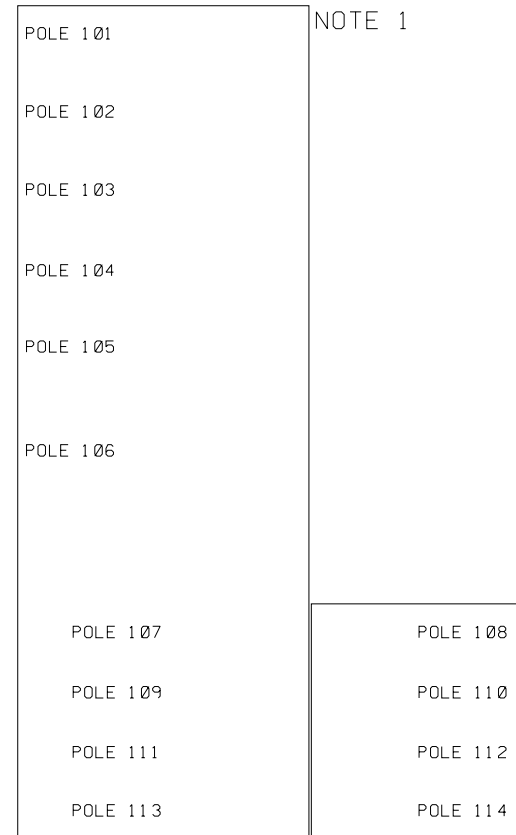
**MODIFIED WIRING DIAGRAM - CONTROLLER 52
I-74 OVER ICRR AND MARKET STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	95
CONTRACT NO. 70C64			ILLINOIS FED. AID PROJECT	

RL-15

MODEL: Default
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NOTE 1

NOTE 2

LEGEND

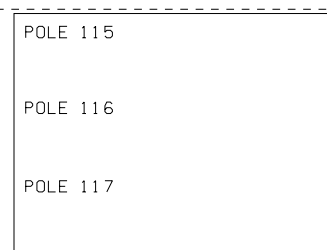
- PXXX(1) PROPOSED LED LUMINAIRE. NUMBER INSIDE DENOTES FIXTURE NUMBER.
P-POLE NUMBER
- STGN EXISTING SIGN LUMINAIRE
- ⊥ GROUND ROD
- EXISTING CABLE (SIZE AS NOTED)
- - - - DISCONNECT CABLE AS SHOWN ON PLANS

NOTES:

1. LUMINAIRES TO BE REMOVED, NO SALVAGE. POLES TO BE REMOVED AND RELOCATED. REMAINING ELECTRIC CABLE IN CONDUIT TO BE REMOVED.
2. STAGE 1 CONSTRUCTION - LIGHT POLE TO REMAIN. STAGE 2 CONSTRUCTION - LIGHT POLE TO BE REMOVED, NO SALVAGE.

DISCONNECT CABLE FROM POLE 115 (FIXTURES 3A & 3B) AND RE-ROUTE PER STAGE 1 TEMPORARY LIGHTING PLANS

NOTE 1



NOTE 1

NOTE 1



DISCONNECT CABLE FROM POLE 118 (FIXTURES 18A & 18B) AND RE-ROUTE PER STAGE 1 TEMPORARY LIGHTING PLANS

CONTROLLER 53

POLE 122

POLE 121

POLE 120

POLE 119

RL-16

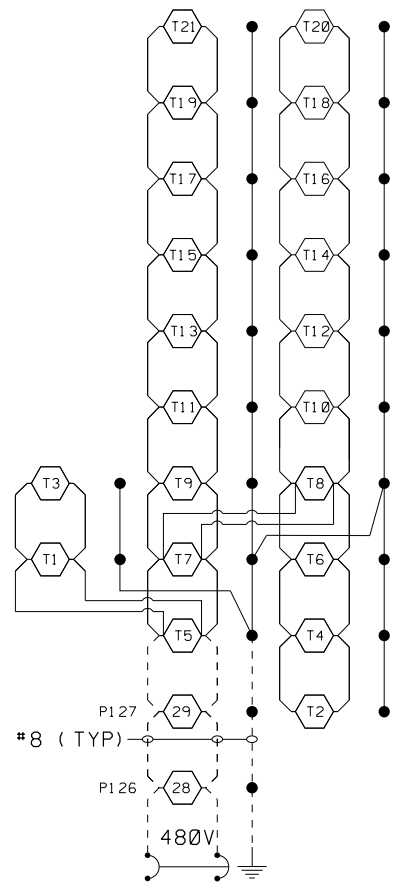
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D570C64-sht-lighting-wire-diagram-002.dgn		DRAWN - KA	REVISED -
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	PLOT DATE = 10/16/2019	DATE - 10/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MODIFIED WIRING DIAGRAM - CONTROLLER 53
I-74 OVER ICRR AND MARKET STREET

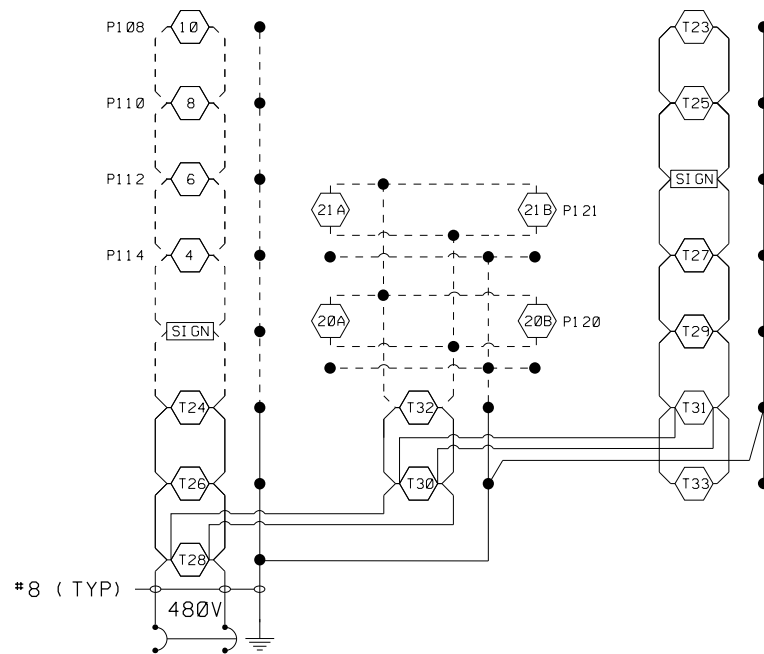
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	96
			CONTRACT NO. 70C64	
		ILLINOIS	FED. AID PROJECT	



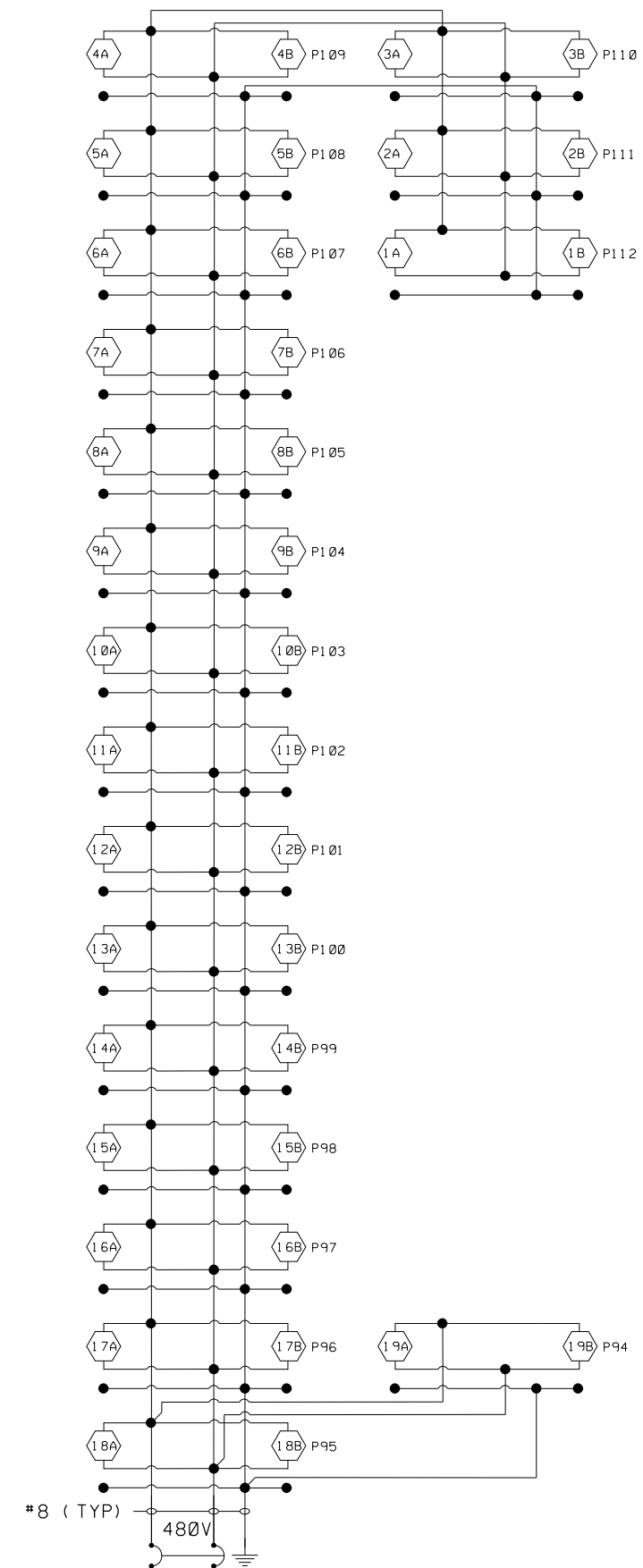
2 POLE 20 AMP BREAKER
CONTROLLER 52

TEMPORARY LIGHTING CKT



2 POLE 20 AMP BREAKER
CONTROLLER 53

TEMPORARY LIGHTING CKT



2 POLE 40 AMP BREAKER
CONTROLLER 53

PROPOSED LIGHTING CKT

RL-17

LEGEND

- PXXX(1) PROPOSED LED LUMINAIRE. NUMBER INSIDE DENOTES FIXTURE NUMBER.
T-TEMPORARY POLE NUMBER
P-POLE NUMBER
- SIGN EXISTING SIGN LUMINAIRE
- GROUND ROD
- PROPOSED CABLE (SIZE AS NOTED). SEE PLANS FOR CABLE TYPE.
- EXISTING CABLE

NOTES:

1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

MODEL: Default
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	PLOT DATE = 10/16/2019	DATE - 10/16/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIRING DIAGRAMS - TEMPORARY AND PROPOSED - LTG
I-74 OVER ICRR AND MARKET STREET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	97
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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TEMPORARY LUMINAIRE, LED OUTPUT G

TEMPORARY LUMINAIRE, LED OUTPUT H

RL-18

FILE NAME = D570C64-sht-lighting-tables-001.dgn	USER NAME = BajzekK	DESIGNED - KA	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY LUMINAIRE PERFORMANCE TABLES I-74 OVER ICRR AND MARKET STREET	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000 ' / in.	CHECKED - MS	REVISED - -			74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	98	
	PLOT DATE = 10/16/2019	DATE - 10/16/2019	REVISED - -			CONTRACT NO. 70C64					
						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

MODEL: Default
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PROPOSED LUMINAIRE, LED OUTPUT G

RL-19

FILE NAME = D570C64-sht-lighting-tables-002.dgn	USER NAME = BajzekK	DESIGNED - KA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LUMINAIRE PERFORMANCE TABLES I-74 OVER ICRR AND MARKET STREET	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000 ' / in.	DRAWN - KA	REVISED -			74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	99	
	PLOT DATE = 10/16/2019	CHECKED - MS	REVISED -			CONTRACT NO. 70C64					
		DATE - 10/16/2019	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

Bench Mark: Brass disk set in concrete along the north side of Anthony Drive, Sta. ±1223+71, 150' Lt. Elev. = 734.35
 Existing Structure: S.N. 010-0020 was originally built in 1957 as F.A. Route 39 Sec. 14-HB-F-2 at Sta. 200+06.10. Structure was widened along with a deck replacement in 1991. Existing structure is a 3 span, composite concrete deck with steel beams, supported on reinforced concrete stub abutments on concrete piles and reinforced concrete hammer head piers on a combination of concrete piles and timber piles. The bridge is 146'-6" back to back of abutments, with a 121'-2" to 123'-11 1/2" out to out of parapet. Superstructure is to be removed and replaced. Crossovers shall be utilized to maintain two lanes of traffic in each direction during construction.
 No Salvage

DESIGN SPECIFICATIONS (New Const.)
 2017 AASHTO LRFD Bridge Design Specifications, 8th Edition

LOADING HL-93 (New Const.)
 Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES

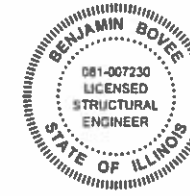
FIELD UNITS (New Const.)
 f'c = 3,500 psi
 f'c = 4,000 psi (Superstructure Concrete)
 fy = 60,000 psi (Reinforcement)
 fy = 50,000 psi (M270 Grade 50)
FIELD UNITS (Exist. Struct. 1956)
 f'c = 2,000 psi
 fy = 40,000 psi (Reinforcement)
FIELD UNITS (Exist. Struct. 1992)
 f'c = 3,500 psi
 fy = 60,000 psi (Reinforcement)

SEISMIC DATA (Exist. Const.)
 Seismic Performance Category (SPC) = A
 Horizontal Bedrock Acceleration Coefficient (A) = 0.047g
 Site Coefficient (S) = 1.2

Signed: *Benjamin Boyce*

Date: 10/16/2019

Licensed Structural Engineer
 State of Illinois No. 081-007230
 License Expires: 11/30/2020
 Sheets: SM-16 - SM-19, SM-24 - SM-31, SM-35



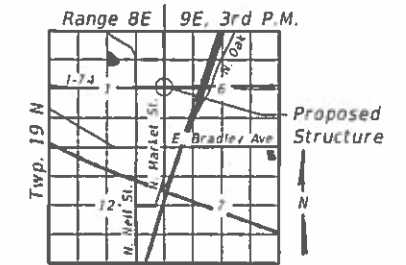
Michael J. Haley

10/16/2019

Michael T. Haley
 Licensed Structural Engineer
 State of Illinois No. 081-005991
 License Expires 11/30/2020
 Sheets: SM-1 - SM15, SM-20 - SM-23, SM-32 - SM-34



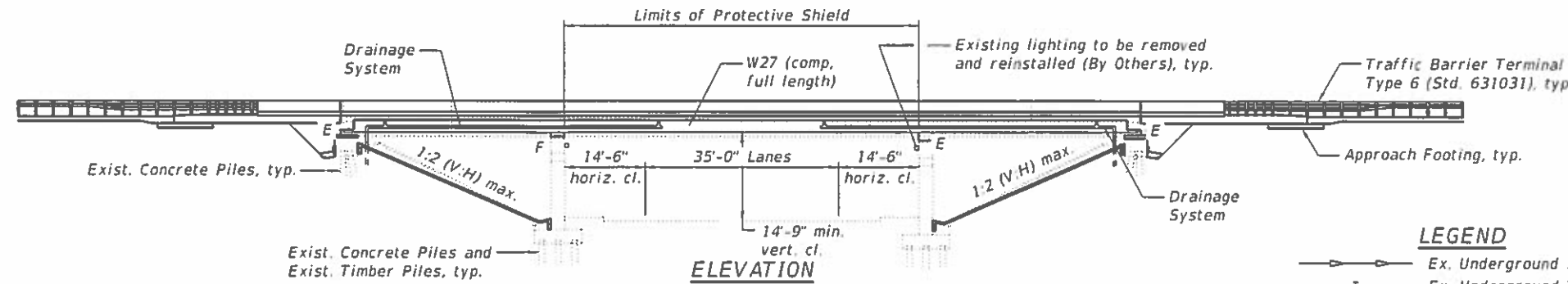
APPROVED
 For Structural Adequacy Only
De Carl Pappas
 Engineer of Bridges & Structures



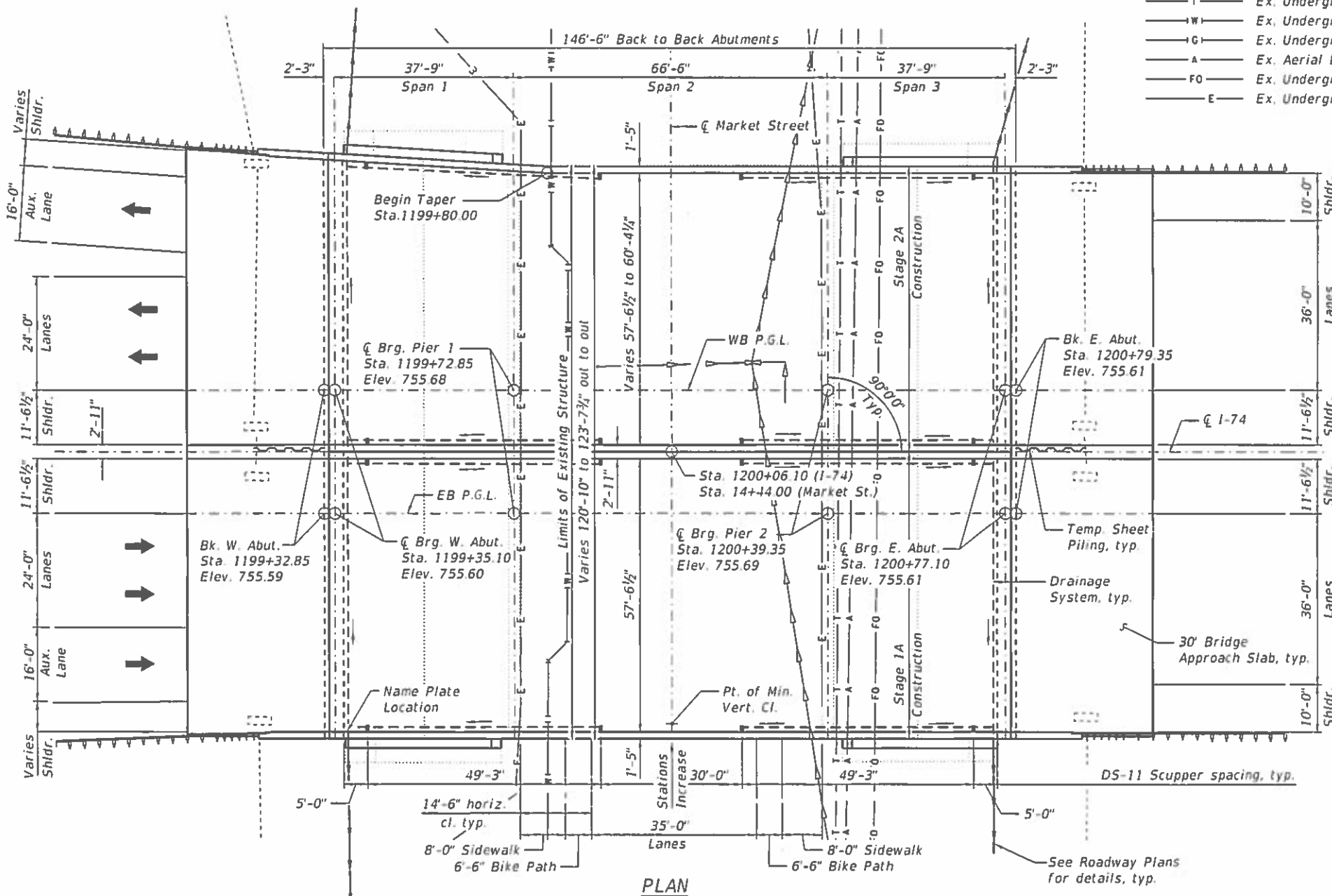
LOCATION SKETCH

GENERAL PLAN & ELEVATION
I-74 OVER MARKET STREET
F.A.I. RTE. 74 - SEC.(14-1)BR,(14HB-2)BR-1
CHAMPAIGN COUNTY
STATION 1200+06.10
STRUCTURE NO. 010-0020

Note:
 Up to 1/4 inch may be ground off the bridge deck and the bridge approach slabs.



- LEGEND**
- Ex. Underground Storm Sewer
 - Ex. Underground Telephone Line
 - Ex. Underground Water Main
 - Ex. Underground Gas Line
 - Ex. Aerial Line
 - Ex. Underground Fiber Optic
 - Ex. Underground Electric Line



PLAN

MODEL: Default
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LINE ENGINEERING, LTD.
 Consulting Engineers
 Springfield, Illinois

USER NAME *	DESIGNED - MTH	REVISOR -
PLOT SCALE *	CHECKED -	REVISIONS -
PLOT DATE *	DRAWN - CGY	REVISIONS -
	CHECKED - VPT	REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
 STRUCTURE NO. 010-0020

SHEET SM-01 OF SM-35 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(14-1)BR, (14HB-2)BR-1	CHAMPAIGN	201	100
CONTRACT NO. 70C64				
ILLINOIS FED. AID PROJECT				