

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	1
		ILLINOIS	CONTRACT NO. 64F78	

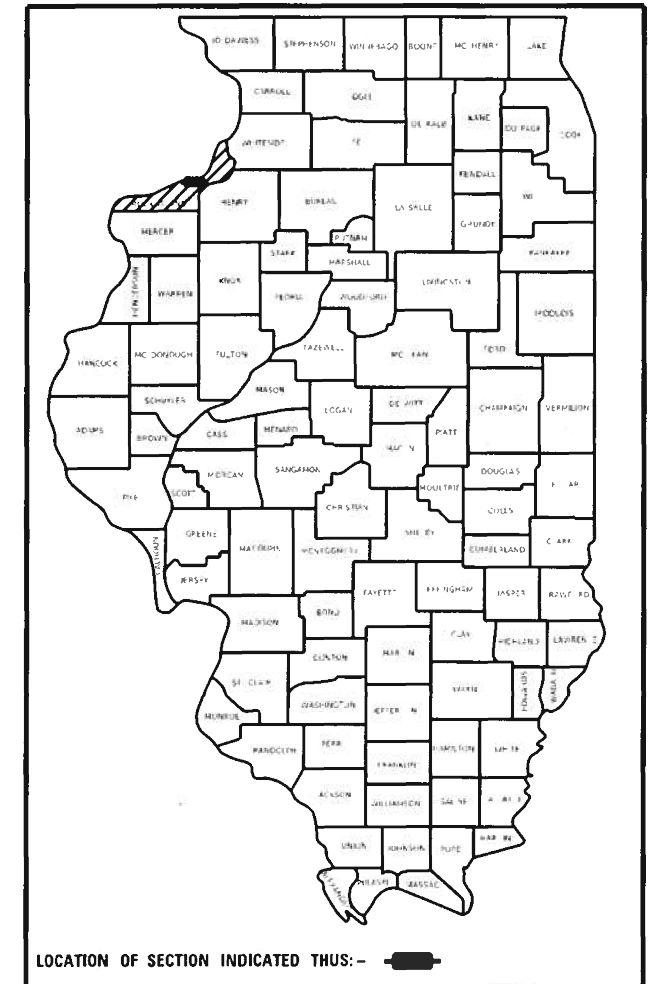
FOR INDEX OF SHEETS, SEE SHEET NO. 2

# PROPOSED HIGHWAY PLANS

FAI ROUTE 280 (I-280)  
SECTION (81-1B)D & (81-1-1,81-1-2)RS-1  
PROJECT NHPP-YJLB (572)  
BRIDGE DECK REPLACEMENT AND RESURFACING  
ROCK ISLAND COUNTY  
SN 081-0106 AND FROM MISSISSIPPI RIVER  
BRIDGE TO EAST OF THE IL 92 INTERCHANGE

**HIGHWAY CLASSIFICATION**  
F.A.I. ROUTE 280 (I-280)  
CLASSIFICATION: INTERSTATE  
ADT: 21,250 (2022 PROJECTION)  
P.V. = 14,700  
M.U. = 3,920  
S.U. = 2,630  
DESIGN SPEED: 70 MPH  
POSTED SPEED: 70 MPH

D-92-017-10



IMPROVEMENT BEGINS  
STA. 466 + 21

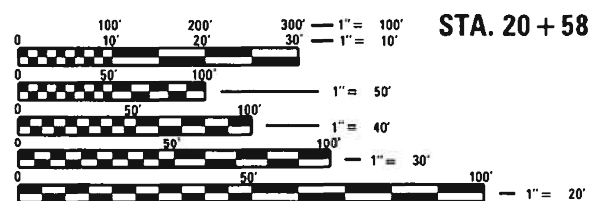
STATION EQUATION  
BK 500 + 00/AH 11 + 13.30

SECTION/PROJECT BEGINS  
STA. 19 + 28

DECK REPLACEMENT  
STA. 20 + 58 TO STA. 62 + 51  
SN 081-0106

BLACKHAWK TOWNSHIP (IL)  
DAVENPORT TOWNSHIP (IA)

SECTIONS (8,9,16,17)  
SECTIONS (8,17)

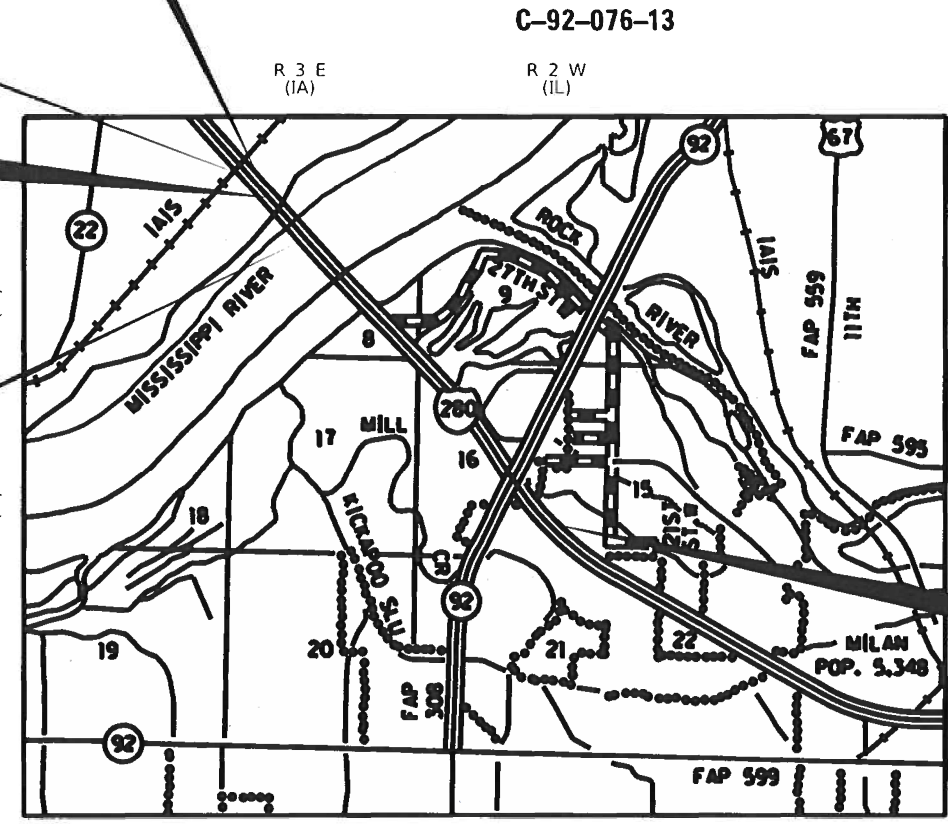


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: FAITH DUNCAN  
SQUAD LEADER: ROBERT BARTON (815) 284-5958  
EMAIL: Robert.Barton@Illinois.gov

CONTRACT NO. 64F78



GROSS LENGTH = 11,921 FT. = 2.26 MILES  
NET LENGTH = 11,921 FT. = 2.26 MILES

SECTION/PROJECT ENDS  
STA. 138 + 49

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 19<sup>th</sup> 2020  
[Signature] Regional Engineer

October 2, 2020  
[Signature] Engineer of Design and Environment

October 2, 2020  
[Signature] Director of Highways Project Implementation

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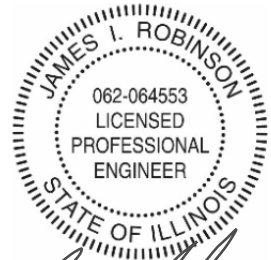
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**HIGHWAY STANDARDS**

000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  
 001001-02 AREA OF REINFORCEMENT BARS  
 001006 DECIMAL OF AN INCH AND OF A FOOT  
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS  
 420001-09 PAVEMENT JOINTS  
 420206-12 ENTRANCE RAMP TERMINAL  
 420401-13 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB  
 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT  
 442001-04 CLASS A PATCHES  
 442101-09 CLASS B PATCHES  
 442201-03 CLASS C AND D PATCHES  
 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT  
 482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT  
 515001-04 NAME PLATE FOR BRIDGES  
 630001-12 STEEL PLATE BEAM GUARDRAIL  
 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS  
 631011-10 TRAFFIC BARRIER TERMINAL, TYPE 2  
 631031-16 TRAFFIC BARRIER TERMINAL, TYPE 6  
 631046-04 TRAFFIC BARRIER TERMINAL, TYPE 10  
 635001-02 DELINEATORS  
 642001-02 SHOULDER RUMBLE STRIPS, 16 IN  
 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' (4.5M) AWAY  
 701400-09 APPROACH TO LANE CLOSURE FREEWAY / EXPRESSWAY  
 701401-12 LANE CLOSURE, FREEWAY / EXPRESSWAY  
 701406-12 LANE CLOSURE FREEWAY / EXPRESSWAY, DAY OPERATIONS ONLY  
 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEED ≥ 45MPH  
 701416-11 LANE CLOSURE, FREEWAY / EXPRESSWAY WITH CROSSOVER AND BARRIER  
 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH  
 701428-01 TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY  
 701456-05 PARTIAL EXIT RAMP CLOSURE FREEWAY / EXPRESSWAY  
 701901-08 TRAFFIC CONTROL DEVICES  
 704001-08 TEMPORARY CONCRETE BARRIER  
 720001-01 SIGN PANEL MOUNTING DETAILS  
 720006-04 SIGN PANEL ERECTION DETAILS  
 725001-01 OBJECT AND TERMINAL MARKERS  
 728001-01 TELESCOPING STEEL SIGN SUPPORT  
 780001-05 TYPICAL PAVEMENT MARKINGS  
 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS  
 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

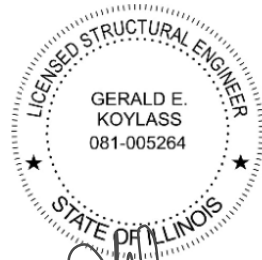
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	DATE -	REVISED -							ILLINOIS	FED. AID PROJECT



*James I. Robinson*  
SIGNATURE

EXPIRES: NOVEMBER 30, 2021  
 DATE: AUGUST 7, 2020  
 SHEETS: 48,49,51-72,77,78,219,  
 224&225



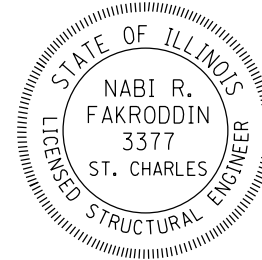
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*Ryan R. Doerrer*  
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 162,163,169,182-184



*Nabi R. Fakroddin*  
SIGNATURE

EXPIRES: NOVEMBER 30, 2020  
 DATE: AUGUST 7, 2020  
 SHEETS: 129,130,158-161,193-196,  
 198-201,216

MODEL SHEET  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ENGINEERING SEALS AND SIGNATURES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	3
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

# GENERAL NOTES

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1A. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

Previously pugmilled stockpiles of "Type A" older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted.

Closed expansion joints on jointed pavements shall be re-established during the patching operations. Class B Patches - when the pavement requires patching at the location of the expansion joint, a new joint should be established using a dowelled expansion patch as shown on Highway Standard 442101. When the joint is closed, but does not require patching, an expansion joint may be formed by sawing the pavement and filling the saw cut with a preformed expansion joint filler meeting the requirements of Section 1051 of the Standard Specifications as shown on Standard 420001.

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 15 feet. When patch spacing is less than 15 feet, the pavement between patches shall also be removed and replaced.

The following Mixture Requirements are applicable for this project:

Location(s):	Mainline	Mainline	Ramps	Ramps	Shoulders	Shoulders
Mixture Use(s):	Surface	Binder	Surface	Binder	Surface	Binder
PG:	SBS PG 76-22	SBS PG 76-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids:	4.0 @ N80	4.0 @ N80	4.0 @ N70	4.0 @ N50	4.0 @ N50	4.0 @ N50
Mixture Composition (Mixture Gradation):	SMA IL 9.5	SMA IL 9.5	IL 9.5	IL 9.5	IL 9.5	IL-19.0
Friction Aggregate:	E	N/A	E	N/A	C	N/A
Mixture Weight:	119 lbs/sy/in	119 lbs/sy/in	119 lbs/sy/in	112 lbs/sy/in	112 lbs/sy/in	112 lbs/sy/in
Quality Management Program:	PFP	PFP	QC/QA	QC/QA	QCP	QC/QA
Sublot Size:	1000	1000	N/A	N/A	1,000	N/A
Number of Roller Passes <sup>1)</sup> :	N/A	N/A	N/A	N/A	N/A	N/A

- 1) When a number of roller passes is specified, the Contractor may opt to use intelligent compaction in lieu of density testing under the Quality Control for Performance (QCP) program.

The Contractor will be required to furnish 5 1/2" high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 6" inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The area to be tacked or primed shall be limited to that which can be covered with HMA on the next day's production, but no more than five days in advance of the placement of the HMA, unless approved by the Engineer.

This structure will retain the same number 081-0106.

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Steel Plate Beam Guardrail Terminal Type 1 Special (Tangent) or Steel Plate Beam Guardrail Terminal Type I Special (Flared).

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted. Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

The Contractor shall be responsible for collecting and maintaining an electronic log of all stakeout survey that is performed on the job, either by him/her or any sub-contractor performing the stakeout. Upon request, all logs shall be submitted to the Department. No additional compensation will be allowed for this work, but shall be considered included in the cost for CONSTRUCTION LAYOUT.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as shown in the detail of Typical Lane and Edge Lines.
4. Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

Work on this project will be in progress at the same time as work on the Iowa DOT reconstruction of I-280, IMX-280-8(169)8-02-82.

The Contractor shall be responsible for locating and protecting utility property during construction operations as outlined in Article 107.39 of the Standard Specifications.

IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

Relocate Temporary Impact Attenuators shall include storage and transportation to and from storage, when the device is not needed for a time, as shown on the staging plans. This shall be included in the contract unit price per Each for IMPACT ATTENUATORS, RELOCATE of the type specified.

When Relocate Temporary Concrete Barrier is specified, the wall shall be removed, storage and transportation to and from storage, when the wall is not needed for a time as shown on the staging plans, relocated and reinstated at the new location. The reinstallation requirements shall be the same as those for a new installation. This shall be paid for at the contract unit price per Foot for RELOCATE TEMPORARY CONCRETE BARRIER.

The temporary concrete barrier shall be pinned to the pavement with 3 anchor pins per section on the traffic side of the barrier wall at the following locations:

- Pre-Stage – All WB Temporary Barrier Wall
- Stage 1 – 499+66 to 502+00 & 64+00 to 66+00
- Stage 2 – 500+37 to 502+50

The barrier unit at each end shall be anchored as specified in Article 704.04. All anchoring and pinning holes shall be core drilled.

Scarification of PCC shoulders shall be paid for as HMA SCARIFICATION

All patching, except for the two Class A, Type IV, 12 Inch patches are to be completed prior to milling

Milling of concrete patches will be paid for as HMA SURFACE REMOVAL of the depth specified. No additional compensation will be allowed

FILE NAME = 64F78.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			FAI 280	Section (81-1B)D & (81-1-1, 81-1-2)RS-1	Rock Island	306	4	
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# GENERAL NOTES

All topsoil placed thicker than 6 inches shall be compacted to 95% density and benched into the existing slopes to ensure stability of the slope.

FILE NAME = 64F78.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>			ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED -	REVISED -					FAI 280	Section (81-1B)D & (81-1-1, 81-1-2)RS-1	Rock Island	306	5
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					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				ROADWAY 0005 NHPP FED 90% STATE 10% URBAN
				BRIDGE SN 081-0106 0013		BRIDGE SN 081-0106 0047		
				NHPP FED 90% STATE 10% URBAN	IOWA 100% URBAN	NHPP FED 90% STATE 10% URBAN	IOWA 100% URBAN	
20200100	EARTH EXCAVATION	CU YD	1,655					1,655
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	25,725					25,725
25000210	SEEDING, CLASS 2A	ACRE	6					6
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	540					540
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	540					540
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	540					540
# 25000750	MOWING	ACRE	6					6
25100125	MULCH, METHOD 3	ACRE	2					2
25100630	EROSION CONTROL BLANKET	SQ YD	9,335					9,335
25100900	TURF REINFORCEMENT MAT	SQ YD	97					97
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	6,831					6,831
28000305	TEMPORARY DITCH CHECKS	FOOT	61					61
28000400	PERIMETER EROSION BARRIER	FOOT	3,350					3,350
28000500	INLET AND PIPE PROTECTION	EACH	3					3

\* SPECIALTY ITEM    # NON PARTICIPATING (STATE 100%)

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PLOT SCALE = 100.0000' / in. PLOT DATE = Aug-19-2020 12:02:38 PM		SCALE:    SHEET 1    OF 13    SHEETS    STA.    TO STA.	
F.A.I. RTE.    SECTION    COUNTY    TOTAL SHEETS    SHEET NO.		280    (81-1B0D&(81-1-1.81-1-2)RS-1    ROCK ISLAND    306    6	
		CONTRACT NO. 64F78	
ILLINOIS    FED. AID PROJECT			

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				NHPP FED 90% STATE 10%	
				BRIDGE		BRIDGE			ROADWAY
				SN 081-0106		SN 081-0106			0005
				0013		0047			
				NHPP FED 90% STATE 10%	NHPP FED 90% STATE 10%	NHPP FED 90% STATE 10%	NHPP FED 90% STATE 10%		
				URBAN	IOWA 100%	URBAN	IOWA 100%	URBAN	
30300106	AGGREGATE SUBGRADE IMPROVEMENT 6"	SQ YD	428					428	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	6,071	612	612			4,847	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7,696					7,696	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	37,217					37,217	
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	35,640					35,640	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	340	131	131			78	
40600990	TEMPORARY RAMP	SQ YD	822	261	261			300	
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	2,905					2,905	
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	6,238					6,238	
40604072	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	1,810					1,810	
40605005	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT 9.5, N80	TON	7,503					7,503	
40605024	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "E", N80	TON	7,412					7,412	
42000060	WELDED WIRE REINFORCEMENT	SQ YD	368					368	
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	264	132	132				

\* SPECIALTY ITEM # NON PARTICIPATING (STATE 100%)

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USER NAME = BARTONRW	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				BRIDGE		BRIDGE		ROADWAY
				SN 081-0106		SN 081-0106		0005
				0013	0047	NHPP FED 90% STATE 10%	IOWA 100%	
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN			
42000521	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SQ YD	746	373	373			
44000100	PAVEMENT REMOVAL	SQ YD	1,225	612.5	612.5			
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	32,327					32,327
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	1,425					1,425
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	33,395					33,395
44000168	HOT-MIX ASPHALT SURFACE REMOVAL, 4 3/4"	SQ YD	4,204					4,204
44001980	CONCRETE BARRIER REMOVAL	FOOT	1,638	354.5	354.5			929
44004250	PAVED SHOULDER REMOVAL	SQ YD	2,482					2,482
44200583	CLASS A PATCHES, TYPE IV, 12 INCH	SQ YD	1,355					1,355
44200620	CLASS A PATCHES, TYPE II, 14 INCH	SQ YD	4,420					4,420
44200624	CLASS A PATCHES, TYPE III, 14 INCH	SQ YD	310					310
44200628	CLASS A PATCHES, TYPE IV, 14 INCH	SQ YD	1,566					1,566
44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	904					904
44200978	CLASS B PATCHES, TYPE I, 11 INCH	SQ YD	5					5

\* SPECIALTY ITEM # NON PARTICIPATING (STATE 100%)

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USER NAME = BARTONRW	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			280	(81-180D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	8	
PLOT DATE = Aug-19-2020 12:06:48 PM	CHECKED -	REVISED -			CONTRACT NO. 64F78					
	DATE -	REVISED -			SCALE:	SHEET 3	OF 13	SHEETS	STA.	TO STA.



# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%	
				BRIDGE		BRIDGE							ROADWAY
				SN 081-0106		SN 081-0106							0005
				0013		0047							
				URBAN	URBAN	URBAN	URBAN	URBAN			URBAN		
44200982	CLASS B PATCHES, TYPE II, 11 INCH	SQ YD	560									560	
44200986	CLASS B PATCHES, TYPE III, 11 INCH	SQ YD	544									544	
44200988	CLASS B PATCHES, TYPE IV, 11 INCH	SQ YD	920									920	
44201294	CLASS B PATCH - EXPANSION JOINT	FOOT	184									184	
44201299	DOWEL BARS 1 1/2"	EACH	2,400									2,400	
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	1,000									1,000	
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	800									800	
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	500									500	
44213000	PATCHING REINFORCEMENT	SQ YD	5,598									5,598	
44213200	SAW CUTS	FOOT	14,540									14,540	
44213204	TIE BARS 3/4"	EACH	994									994	
48100700	AGGREGATE SHOULDERS, TYPE A 8"	SQ YD	3,640									3,640	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	692									692	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2,770									2,770	

\* SPECIALTY ITEM # NON PARTICIPATING (STATE 100%)

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USER NAME = BARTONRW	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			280	(81-1B0D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	9	
PLOT DATE = Aug-19-2020 12:07:13 PM	DATE -	REVISED -			CONTRACT NO. 64F78					
					SCALE:	SHEET 4	OF 13	SHEETS	STA.	TO STA.

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				BRIDGE		BRIDGE		ROADWAY
				SN 081-0106		SN 081-0106		0005
				0013		0047		NHPP
				NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%
				URBAN	URBAN	URBAN	URBAN	URBAN
50102400	CONCRETE REMOVAL	CU YD	26.1	13.05	13.05			
50104701	REMOVAL OF EXISTING CONCRETE DECK NO. 1	EACH	1	0.5	0.5			
50157300	PROTECTIVE SHIELD	SQ YD	6,132	3,066	3,066			
50200100	STRUCTURE EXCAVATION	CU YD	25	12.5	12.5			
50300225	CONCRETE STRUCTURES	CU YD	125.1	62.55	62.55			
50300255	CONCRETE SUPERSTRUCTURE	CU YD	12,611.9	6,305.95	6,305.95			
50300300	PROTECTIVE COAT	SQ YD	45,310	22,655	22,655			
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	237.0	118.5	118.5			
50500505	STUD SHEAR CONNECTORS	EACH	17,450	8,725	8,725			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3,184,460	1,592,230	1,592,230			
50800515	BAR SPLICERS	EACH	468	234	234			
51500100	NAME PLATES	EACH	1	0.5	0.5			
52000110	PREFORMED JOINT STRIP SEAL	FOOT	576	288	288			
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	110	55	55			

\* SPECIALTY ITEM # NON PARTICIPATING (STATE 100%)

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 5 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B0D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	10
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

REV. 10/7/20 REV. 9/15/20

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				BRIDGE		BRIDGE		ROADWAY
				SN 081-0106		SN 081-0106		0005
				0013		0047		NHPP
				NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%
				URBAN	URBAN	URBAN	URBAN	URBAN
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	30	15	15			
52100520	ANCHOR BOLTS, 1"	EACH	160	80	80			
52100540	ANCHOR BOLTS, 1 1/2"	EACH	120	60	60			
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	25	12.50	12.50			
58700300	CONCRETE SEALER	SQ FT	8,900	4,450	4,450			
59000200	EPOXY CRACK INJECTION	FOOT	154	77	77			
60600605	CONCRETE CURB, TYPE B	FOOT	32					32
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	262.5					262.5
* 63000017	STEEL PLATE BEAM GUARDRAIL, TYPE D, 6 FOOT POSTS	FOOT	363					363
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1					1
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1					1
* 63100105	TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	1					1
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1					1
63200310	GUARDRAIL REMOVAL	FOOT	3,174.5					3,174.5

\* SPECIALTY ITEM      # NON PARTICIPATING (STATE 100%)

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE:      SHEET 6    OF 13    SHEETS    STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B0D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	11
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				BRIDGE		BRIDGE		ROADWAY
				SN 081-0106		SN 081-0106		0005
				0013		0047		NHPP
				NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%
				URBAN	URBAN	URBAN	URBAN	URBAN
63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	6,062.5					6,062.5
63500105	DELINEATORS	EACH	5					5
63700280	CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT	FOOT	3,957	315	315			3,327
63700380	CONCRETE BARRIER, VARIABLE CROSS SECTION 44 INCH HEIGHT	FOOT	20	10	10			
63700900	CONCRETE BARRIER BASE	FOOT	649	324.5	324.5			
63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	1,700	850	850			
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	37,815					37,815
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	5					5
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	36	12	12			12
67100100	MOBILIZATION	L SUM	1	0.44	0.44	0.01	0.01	0.1
70100410	TRAFFIC CONTROL AND PROTECTION, STANDARD 701416	EACH	2	1	1			
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	10	1	1			8
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1					1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.05	0.05			0.9

\* SPECIALTY ITEM    # NON PARTICIPATING (STATE 100%)

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USER NAME = BARTONRW PLOT SCALE = 100.0000' / in. PLOT DATE = Aug-19-2020 12:08:14 PM	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	SCALE:      SHEET 7    OF 13    SHEETS    STA.      TO STA.	F.A.I. RTE.      SECTION      COUNTY      TOTAL SHEETS      SHEET NO. 280      (81-1B0D&(81-1-1.81-1-2)RS-1      ROCK ISLAND      306      12 CONTRACT NO. 64F78
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# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				ROADWAY	
				BRIDGE		BRIDGE			0005
				SN 081-0106		SN 081-0106			
				0013		0047			
NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%					
				URBAN	URBAN	URBAN	URBAN	URBAN	
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1					1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	100	10	10			80	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	80	10	10			60	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1					1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13,812					13,812	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,151					1,151	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	183,340	91,670	91,670				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	13,900	6,950	6,950				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	5,876	2,938	2,938				
70600251	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	1.5	1.5				
70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3	EACH	2	1	1				
70600352	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE,NARROW), TEST LEVEL 3	EACH	1	0.5	0.5				
70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	1	0.5	0.5				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	73.3					73.3	

\* SPECIALTY ITEM # NON PARTICIPATING (STATE 100%)

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USER NAME = BARTONRW	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			280	(81-180D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	13	
PLOT DATE = Aug-19-2020 12:08:33 PM	DATE -	REVISED -			CONTRACT NO. 64F78					
					SCALE:		SHEET 8 OF 13 SHEETS		STA. TO STA.	

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				ROADWAY
				BRIDGE		BRIDGE		
				SN 081-0106		SN 081-0106		
				0013		0047		
				NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%
				URBAN	URBAN	URBAN	URBAN	URBAN
* 72000200	SIGN PANEL - TYPE 2	SQ FT	36					36
* 72000300	SIGN PANEL - TYPE 3	SQ FT	75					75
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2					2
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	16					16
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1					1
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	126					126
* 73000100	WOOD SIGN SUPPORT	FOOT	92					92
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	52,098	200	200			51,698
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4,053	25	25			4,003
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	6,638					6,638
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	383					383
* 78008310	POLYUREA PAVEMENT MARKING TYPE II - LINE 4"	FOOT	17,412	8,706	8,706			
* 78008330	POLYUREA PAVEMENT MARKING TYPE II - LINE 6"	FOOT	2,178	1,089	1,089			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,089	6	6			1,077

\* SPECIALTY ITEM    # NON PARTICIPATING (STATE 100%)

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USER NAME = BARTONRW PLOT SCALE = 100.0000' / in. PLOT DATE = Aug-19-2020 12:08:52 PM	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE. 280 SECTION (81-18)D&(81-1-1.81-1-2)RS-1 COUNTY ROCK ISLAND TOTAL SHEETS 306 SHEET NO. 14 CONTRACT NO. 64F78 ILLINOIS FED. AID PROJECT
			SCALE:    SHEET 9 OF 13 SHEETS    STA.    TO STA.		

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				NHP FED 90% STATE 10%	IOWA 100%	NHP FED 90% STATE 10%	IOWA 100%	NHP FED 90% STATE 10%	
				BRIDGE		BRIDGE							ROADWAY
				SN 081-0106		SN 081-0106							0005
				0013		0047							
				URBAN	URBAN	URBAN	URBAN		URBAN				
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	205	102.5	102.5								
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	65								65		
* 78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	30								30		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	328								328		
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	8,468	4,234	4,234								
* 81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	20	10	10								
# X0320157	CLEANING UNDERDRAIN OUTLETS	EACH	52								52		
X0325201	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	2,522	1,261	1,261								
X0326719	FALCON PROTECTION	EACH	1	0.5	0.5								
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	12,286	6,143	6,143								
X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	262	131	131								
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	2,843								2,843		
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	11,648								11,648		
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	22,659	11,329.5	11,329.5								

\* SPECIALTY ITEM   # NON PARTICIPATING (STATE 100%)

USER NAME = BARTONRW PLOT SCALE = 100.0000 ' / in. PLOT DATE = Aug-19-2020 12:09:13 PM	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	SCALE:   SHEET 10 OF 13 SHEETS   STA.   TO STA.	F.A.I. RTE.   SECTION   COUNTY   TOTAL SHEETS   SHEET NO. 280   (81-1B)D&(81-1-1,81-1-2)RS-1   ROCK ISLAND   306   15 CONTRACT NO. 64F78	ILLINOIS FED. AID PROJECT
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# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				ROADWAY	
				BRIDGE		BRIDGE			0005
				SN 081-0106		SN 081-0106			
				0013		0047			
				NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%	
				URBAN	URBAN	URBAN	URBAN	URBAN	
# X5420636	PIPE CULVERTS TO BE CLEANED 36"	FOOT	167					167	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	61,134	30,567	30,567				
* X7330064	SIGN SUPPORT SPECIAL	EACH	4					4	
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	52,098	200	200			51,698	
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	4,053	25	25			4,003	
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	6,638					6,638	
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	383					383	
X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1	0.5	0.5				
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	140	70	70				
Z0001901	JACK AND REPOSITION BEARINGS	EACH	1	0.5	0.5				
Z0001905	STRUCTURAL STEEL REPAIR	POUND	9,830	4,915	4,915				
Z0004405	HOT-MIX ASPHALT SCARIFICATION	SQ YD	16,354					16,354	
Z0004552	APPROACH SLAB REMOVAL	SQ YD	352	176	176				
Z0005880	BRIDGE HANDRAIL REMOVAL	FOOT	8,382	4,191	4,191				

\* SPECIALTY ITEM # NON PARTICIPATING (STATE 100%)

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USER NAME = BARTONRW	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			280	(81-18)D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	16	
PLOT DATE = Aug-19-2020 12:09:29 PM	CHECKED -	REVISED -			CONTRACT NO. 64F78					
	DATE -	REVISED -			SCALE:		SHEET 11 OF 13 SHEETS		STA. TO STA.	



# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				BRIDGE		BRIDGE		ROADWAY
				SN 081-0106		SN 081-0106		0005
				0013		0047		
				NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%	IOWA 100%	NHPP FED 90% STATE 10%
				URBAN	URBAN	URBAN	URBAN	URBAN
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1			0.5	0.5	
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1			0.5	0.5	
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	892	446	446			
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	914	457	457			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.45	0.45			0.1
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	100	50	50			
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	100	50	50			
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	1,000	500	500			
Z0016702	DETOUR SIGNING	L SUM	1	0.45	0.45			0.1
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	82	41	41			
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	428					428
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	33,156	16,578	16,578			
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	66,390					66,390
Z0034105	MATERIAL TRANSFER DEVICE	TON	19,951					19,951

\* SPECIALTY ITEM # NON PARTICIPATING (STATE 100%)

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USER NAME = BARTONRW	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET 12	OF 13	SHEETS	STA.	TO STA.	280	81-1B)D&(81-1-1, 81-1-2)RS-
PLOT DATE = Aug-19-2020 02:16:51 PM	CHECKED -	REVISED -					ILLINOIS		FED. AID PROJECT	306	17
	DATE -	REVISED -							CONTRACT NO. 64F78		

# SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				NHPP STATE 10%	NHPP STATE 10%	
				BRIDGE		BRIDGE				ROADWAY
				SN 081-0106		SN 081-0106				
				0013		0047				0005
				NHPP FED 90%	IOWA 100%	NHPP FED 90%	IOWA 100%			
URBAN	URBAN	URBAN	URBAN							
Z0034390	MODULAR EXPANSION JOINT 6"	FOOT	492	246	246					
Z0034393	MODULAR EXPANSION JOINT 9"	FOOT	82	41	41					
∅ Z0076600	TRAINEES	HOUR	4,000						4,000	
Z0062456	TEMPORARY PAVEMENT	SQ YD	262	131	131					
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	4,000						4,000	
Z0065700	SLOPE WALL REPAIR	SQ YD	572	286	286					

∅ 0042

\* SPECIALTY ITEM # NON PARTICIPATING (STATE 100%)

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USER NAME = BARTONRW	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			280	(81-18)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	18	
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# SCHEDULE OF QUANTITIES

25000210 SEEDING CLASS 2A			
ACRE	LOCATION	OFFSET	REMARKS
1.140	62+75 - 88+00		
0.970	88+00 - 100+00		
0.930	100+00 - 117+00		
2.160	117+00 - 138+49		
<u>RAMP</u>			
0.131	10+00 - 12+50		
<b>6.00</b>	<b>TOTAL</b>		

25000400 NITROGEN FERTILIZER NUTRIENT			
POUND	LOCATION	OFFSET	REMARKS
116.63	62+75 - 88+00	LT/ RT	
106.30	88+00 - 100+00	LT/ RT	
112.88	100+00 - 117+00	LT/ RT	
191.83	117+00 - 138+49	LT/ RT	
<u>RAMP</u>			
11.79	10+00 - 12+50		
<b>540</b>	<b>TOTAL</b>		

25000500 PHOSPHORUS FERTILIZER NUTRIENT			
POUND	LOCATION	OFFSET	REMARKS
116.63	62+75 - 88+00	LT/ RT	
106.30	88+00 - 100+00	LT/ RT	
112.88	100+00 - 117+00	LT/ RT	
191.83	117+00 - 138+49	LT/ RT	
<u>RAMP</u>			
11.79	10+00 - 12+50		
<b>540</b>	<b>TOTAL</b>		

25000600 POTASSIUM FERTILIZER NUTRIENT			
POUND	LOCATION	OFFSET	REMARKS
116.63	62+75 - 88+00	LT/ RT	
106.30	88+00 - 100+00	LT/ RT	
112.88	100+00 - 117+00	LT/ RT	
191.83	117+00 - 138+49	LT/ RT	
<u>RAMP</u>			
11.79	10+00 - 12+50		
<b>540</b>	<b>TOTAL</b>		

25000750 MOWING			
ACRE	LOCATION	OFFSET	REMARKS
1.296	62+75 - 88+00		
1.181	88+00 - 100+00		
0.888	100+00 - 117+00		
2.131	117+00 - 138+49		
<u>RAMP</u>			
0.131	10+00 - 12+50		
<b>6.00</b>	<b>TOTAL</b>		

25100125 MULCH METHOD 3			
ACRE	LOCATION	OFFSET	REMARKS
1.870	62+75 - 84+50	RT/ LT	
<b>2.00</b>	<b>TOTAL</b>		

25100630 EROSION CONTROL BLANKET			
SQ YD	LOCATION	OFFSET	REMARKS
8701	62+75 - 96+12		
<u>RAMP</u>			
634	10+00 - 12+50		
<b>9335</b>	<b>TOTAL</b>		

25100900 TURF REINFORCEMENT MAT			
SQ YD	LOCATION	OFFSET	REMARKS
44	62+75 - 62+88	76.99/ LT	EXISTING EROSION AREA
11	63+27 - 63+47	51.25/ LT	EXISTING EROSION AREA
2	66+45 - 66+52	48.20/RT	EXISTING EROSION AREA
8	70+52 - 70+62	52.64/RT	EXISTING EROSION AREA
15	74+18 - 74+30	56.94/RT	EXISTING EROSION AREA
5	74+46 - 74+52	52.96/RT	EXISTING EROSION AREA
12	74+13 - 74+81	58.98/RT	EXISTING EROSION AREA
<b>97</b>	<b>TOTAL</b>		

28000250 TEMPORARY EROSION CONTROL SEEDING			
POUND	LOCATION	OFFSET	REMARKS
1,520	62+75 - 88+00		AS DIRECTED BY ENGINEER
1,374	88+00 - 100+00		AS DIRECTED BY ENGINEER
1,137	100+00 - 117+00		AS DIRECTED BY ENGINEER
2,643	117+00 - 138+49		AS DIRECTED BY ENGINEER
<u>RAMP</u>			
157	10+00 - 12+50		AS DIRECTED BY ENGINEER
<b>6,831</b>	<b>TOTAL</b>		

28000305 TEMPORARY DITCH CHECKS			
FOOT	LOCATION	OFFSET	REMARKS
10	98+00		MEDIAN DITCH
30	103+00		MEDIAN DITCH
10	126+00		MEDIAN DITCH
11	130+00		MEDIAN DITCH
<b>61</b>	<b>TOTAL</b>		

28000400 PERIMETER EROSION BARRIER			
FOOT	LOCATION	OFFSET	REMARKS
1280-WB			
1725	62+50 - 97+00	60/LT	AS DIRECTED BY ENGINEER
1-280-EB			
1625	62+50 - 95+00	55/RT	AS DIRECTED BY ENGINEER
<b>3350</b>	<b>TOTAL</b>		

28000500 INLET AND PROTECTION			
EACH	LOCATION	OFFSET	REMARKS
1	99+00		MEDIAN
1	120+00	133/RT	
1	130+46	167/RT	
<b>3</b>	<b>TOTAL</b>		

30300106 AGGREGATE SUBGRADE IMPROVEMENT 6"			
SQ YD	LOCATION	OFFSET	REMARKS
228	62+91 - 138+49		AS NEEDED FOR PATCHING
<u>RAMPS</u>			
25	1-280 WB TO 1L 92 NB		AS NEEDED FOR PATCHING
25	7+05 - 25+26		AS NEEDED FOR PATCHING
25	1L 92 NB TO 1-280 WB		AS NEEDED FOR PATCHING
25	4+63 - 17+60		AS NEEDED FOR PATCHING
25	1L 92 NB TO 1-280 WB		AS NEEDED FOR PATCHING
25	6+52 - 19+98		AS NEEDED FOR PATCHING
25	1-280 WB TO 1L 92 SB		AS NEEDED FOR PATCHING
25	5+54 - 13+41		AS NEEDED FOR PATCHING
25	1-280 EB TO 1L 92 SB		AS NEEDED FOR PATCHING
25	6+56 - 24+25		AS NEEDED FOR PATCHING
25	1L 92 SB TO 1-280 EB		AS NEEDED FOR PATCHING
25	5+09 - 18+50		AS NEEDED FOR PATCHING
25	1L 92 SB TO 1-280 EB		AS NEEDED FOR PATCHING
25	6+69 - 21+81		AS NEEDED FOR PATCHING
25	1-280 EB TO 1L 92 NB		AS NEEDED FOR PATCHING
25	5+17 - 13+77		AS NEEDED FOR PATCHING
<b>428</b>	<b>TOTAL</b>		

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&G(811-1,81-1-2)RS-1	ROCK ISLAND	306	19
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

# SCHEDULE OF QUANTITIES

30300112 AGGREGATE SUBGRADE IMPROVEMENT 12"				REMARKS
SQ YD	LOCATION	OFFSET		
<u>BRIDGE DECK</u>				
134	11+80 - 17+14			MEDIAN
474	19+28 - 20+28	LT		WB - WEST OF BRIDGE
474	19+28 - 20+28	RT		EB - WEST OF BRIDGE
71	62+81 - 62+96	LT		WB - EAST OF BRIDGE
71	62+81 - 62+96	RT		EB - EAST OF BRIDGE
<u>RESURFACING</u>				
380	62+96 - 65+50			AS NEEDED FOR PATCHING
500	62+91 - 138+49			AS NEEDED FOR PATCHING
<b>2104</b>	<b>TOTAL</b>			

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT				REMARKS
SQ YD	LOCATION	OFFSET		
131	63+26 - 63+56	LT		WB - EAST OF BRIDGE
131	63+26 - 63+56	RT		EB - EAST OF BRIDGE
<b>262</b>	<b>TOTAL</b>			

40600990 TEMPORARY RAMP				REMARKS
SQ YD	LOCATION	OFFSET		
261	62+96 - 63+56	LT		WB - EAST OF BRIDGE
261	62+96 - 63+56	RT		EB - EAST OF BRIDGE
<b>522</b>	<b>TOTAL</b>			

42000060 WELDED WIRE REINFORCEMENT				REMARKS
SQ YD	LOCATION	OFFSET		
<u>RAMP</u>				
46	1-280 WB TO IL 92 NB			AS NEEDED FOR PATCHING
46	7+05 - 25+26			AS NEEDED FOR PATCHING
46	IL 92 NB TO 1-280 WB			AS NEEDED FOR PATCHING
46	4+63 - 17+60			AS NEEDED FOR PATCHING
46	IL 92 NB TO 1-280 WB			AS NEEDED FOR PATCHING
46	6+52 - 19+98			AS NEEDED FOR PATCHING
46	1-280 WB TO IL 92 SB			AS NEEDED FOR PATCHING
46	5+54 - 13+41			AS NEEDED FOR PATCHING
46	1-280 EB TO IL 92 SB			AS NEEDED FOR PATCHING
46	6+56 - 24+25			AS NEEDED FOR PATCHING
46	IL 92 SB TO 1-280 EB			AS NEEDED FOR PATCHING
46	5+09 - 18+50			AS NEEDED FOR PATCHING
46	IL 92 SB TO 1-280 EB			AS NEEDED FOR PATCHING
46	6+69 - 21+81			AS NEEDED FOR PATCHING
46	1-280 EB TO IL 92 NB			AS NEEDED FOR PATCHING
46	5+17 - 13+77			AS NEEDED FOR PATCHING
<b>368</b>	<b>TOTAL</b>			

42000080 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB				REMARKS
SQ YD	LOCATION	OFFSET		
66	20+13 - 20+28	LT		WB - WEST OF BRIDGE
66	20+13 - 20+28	RT		EB - WEST OF BRIDGE
66	62+81 - 62+96	LT		WB - EAST OF BRIDGE
66	62+81 - 62+96	RT		EB - EAST OF BRIDGE
<b>264</b>	<b>TOTAL</b>			

42000521 PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)				REMARKS
SQ YD	LOCATION	OFFSET		
373	19+28 - 20+13	LT		WB - WEST OF BRIDGE
373	19+28 - 20+13	RT		EB - WEST OF BRIDGE
<b>746</b>	<b>TOTAL</b>			

44000100 PAVEMENT REMOVAL				REMARKS
SQ YD	LOCATION	OFFSET		
483	19+28 - 20+38	LT		WB - WEST OF BRIDGE
513	19+28 - 20+38	RT		EB - WEST OF BRIDGE
115	62+71 - 62+96	LT		WB - EAST OF BRIDGE
114	62+71 - 62+96	RT		EB - EAST OF BRIDGE
<b>1225</b>	<b>TOTAL</b>			

44001980 CONCRETE BARRIER REMOVAL				REMARKS
FOOT	LOCATION	OFFSET		
<u>BRIDGE DECK</u>				
534	11+80 - 17+14			MEDIAN
130	19+28 - 20+58			MEDIAN
45	62+51 - 62+96			MEDIAN
<u>RESURFACING</u>				
929	62+91 - 72+20			MEDIAN
<b>1638</b>	<b>TOTAL</b>			

44200583 CLASS A PATCHES, TYPE IV, 12 INCH				REMARKS
SQ YD	LOCATION	OFFSET		
677	1-280 EB			AS NEEDED FOR PATCHING
677	62+96 - 65+50			AS NEEDED FOR PATCHING
677	1-280 WB			AS NEEDED FOR PATCHING
677	62+96 - 65+50			AS NEEDED FOR PATCHING
<b>1355</b>	<b>TOTAL</b>			

44200620 CLASS A PATCHES, TYPE II, 14 INCH				REMARKS
SQ YD	LOCATION	OFFSET		
4420	62+91 - 138+49			AS NEEDED FOR PATCHING
<b>4420</b>	<b>TOTAL</b>			#5 BARS @ 6 1/2 SPACING

44200624 CLASS A PATCHES, TYPE III, 14 INCH				REMARKS
SQ YD	LOCATION	OFFSET		
310	62+91 - 138+49			AS NEEDED FOR PATCHING
<b>310</b>	<b>TOTAL</b>			#5 BARS @ 6 1/2 SPACING

44200628 CLASS A PATCHES, TYPE IV, 14 INCH				REMARKS
SQ YD	LOCATION	OFFSET		
1566	62+91 - 138+49			AS NEEDED FOR PATCHING
<b>1566</b>	<b>TOTAL</b>			#5 BARS @ 6 1/2 SPACING

44200944 CLASS B PATCHES, TYPE IV, 8 INCH				REMARKS
SQ YD	LOCATION	OFFSET		
452	1-280 EB			AS NEEDED FOR PATCHING
452	62+96 - 65+50			AS NEEDED FOR PATCHING
452	1-280 WB			AS NEEDED FOR PATCHING
452	62+96 - 65+50			AS NEEDED FOR PATCHING
<b>904</b>	<b>TOTAL</b>			

44200978 CLASS B PATCHES, TYPE I, 11 INCH				REMARKS
SQ YD	LOCATION	OFFSET		
5	62+91 - 138+49			AS NEEDED FOR PATCHING
<b>5</b>	<b>TOTAL</b>			

44200982 CLASS B PATCHES, TYPE II, 11 INCH				REMARKS
SQ YD	LOCATION	OFFSET		
<u>RAMP</u>				
70	1-280 WB TO IL 92 NB			AS NEEDED FOR PATCHING
70	7+05 - 25+26			AS NEEDED FOR PATCHING
70	IL 92 NB TO 1-280 WB			AS NEEDED FOR PATCHING
70	4+63 - 17+60			AS NEEDED FOR PATCHING

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&G(811-1,81-1-2)RS-1	ROCK ISLAND	306	20
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

# SCHEDULE OF QUANTITIES

CLASS B PATCHES, TYPE II, 11 INCH (CONTINUE)			
SQ YD	LOCATION	OFFSET	REMARKS
70	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
	6+52 - 19+98		
70	I-280 WB TO IL 92 SB		AS NEEDED FOR PATCHING
	5+54 - 13+41		
70	I-280 EB TO IL 92 SB		AS NEEDED FOR PATCHING
	6+56 - 24+25		
70	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
	5+09 - 18+50		
70	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
	6+69 - 21+81		
70	I-280 EB TO IL 92 NB		AS NEEDED FOR PATCHING
	5+17 - 13+77		
<b>560</b>	TOTAL		

44200986 CLASS B PATCHES, TYPE III, 11 INCH			
SQ YD	LOCATION	OFFSET	REMARKS
RAMPS			
68	I-280 WB TO IL 92 NB		AS NEEDED FOR PATCHING
	7+05 - 25+26		
68	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
	4+63 - 17+60		
68	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
	6+52 - 19+98		
68	I-280 WB TO IL 92 SB		AS NEEDED FOR PATCHING
	5+54 - 13+41		
68	I-280 EB TO IL 92 SB		AS NEEDED FOR PATCHING
	6+56 - 24+25		
68	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
	5+09 - 18+50		
68	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
	6+69 - 21+81		
68	I-280 EB TO IL 92 NB		AS NEEDED FOR PATCHING
	5+17 - 13+77		
<b>544</b>	TOTAL		

44200988 CLASS B PATCHES, TYPE IV, 11 INCH			
SQ YD	LOCATION	OFFSET	REMARKS
RAMPS			
115	I-280 WB TO IL 92 NB		AS NEEDED FOR PATCHING
	7+05 - 25+26		
115	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
	4+63 - 17+60		
115	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
	6+52 - 19+98		
115	I-280 WB TO IL 92 SB		AS NEEDED FOR PATCHING
	5+54 - 13+41		
115	I-280 EB TO IL 92 SB		AS NEEDED FOR PATCHING
	6+56 - 24+25		
115	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
	5+09 - 18+50		
115	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
	6+69 - 21+81		
115	I-280 EB TO IL 92 NB		AS NEEDED FOR PATCHING
	5+17 - 13+77		
<b>920</b>	TOTAL		

44201294 CLASS B PATCH - EXPANSION JOINT			
FOOT	LOCATION	OFFSET	REMARKS
RAMPS			
23	I-280 WB TO IL 92 NB		AS NEEDED FOR PATCHING
	7+05 - 25+26		
23	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
	4+63 - 17+60		
23	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
	6+52 - 19+98		
23	I-280 WB TO IL 92 SB		AS NEEDED FOR PATCHING
	5+54 - 13+41		
23	I-280 EB TO IL 92 SB		AS NEEDED FOR PATCHING
	6+56 - 24+25		

CLASS B PATCH - EXPANSION JOINT (CONTINUE)			
FOOT	LOCATION	OFFSET	REMARKS
23	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
	5+09 - 18+50		
23	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
	6+69 - 21+81		
23	I-280 EB TO IL 92 NB		AS NEEDED FOR PATCHING
	5+17 - 13+77		
<b>184</b>	TOTAL		

44201299 DOWEL BARS 1 1/2"			
EACH	LOCATION	OFFSET	REMARKS
RAMPS			
300	I-280 WB TO IL 92 NB		AS NEEDED FOR PATCHING
	7+05 - 25+26		
300	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
	4+63 - 17+60		
300	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
	6+52 - 19+98		
300	I-280 WB TO IL 92 SB		AS NEEDED FOR PATCHING
	5+54 - 13+41		
300	I-280 EB TO IL 92 SB		AS NEEDED FOR PATCHING
	6+56 - 24+25		
300	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
	5+09 - 18+50		
300	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
	6+69 - 21+81		
300	I-280 EB TO IL 92 NB		AS NEEDED FOR PATCHING
	5+17 - 13+77		
<b>2400</b>	TOTAL		

44201741 CLASS D PATCHES, TYPE II, 8 INCH			
SQ YD	LOCATION	OFFSET	REMARKS
1000	62+91 - 138+49		AS NEEDED FOR SHOULDER PATCHING
<b>1000</b>	TOTAL		

44201745 CLASS D PATCHES, TYPE III, 8 INCH			
SQ YD	LOCATION	OFFSET	REMARKS
800	62+91 - 138+49		AS NEEDED FOR SHOULDER PATCHING
<b>800</b>	TOTAL		

44201747 CLASS D PATCHES, TYPE IV, 8 INCH			
SQ YD	LOCATION	OFFSET	REMARKS
500	62+91 - 138+49		AS NEEDED FOR SHOULDER PATCHING
<b>500</b>	TOTAL		

44213000 PATCHING REINFORCEMENT			
SQ YD	LOCATION	OFFSET	REMARKS
RAMPS			
183	I-280 WB TO IL 92 NB		AS NEEDED FOR PATCHING
	7+05 - 25+26		
183	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
	4+63 - 17+60		
183	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
	6+52 - 19+98		
183	I-280 WB TO IL 92 SB		AS NEEDED FOR PATCHING
	5+54 - 13+41		
183	I-280 EB TO IL 92 SB		AS NEEDED FOR PATCHING
	6+56 - 24+25		
183	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
	5+09 - 18+50		
183	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
	6+69 - 21+81		
183	I-280 EB TO IL 92 NB		AS NEEDED FOR PATCHING
	5+17 - 13+77		
<b>5598</b>	TOTAL		

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PLOT DATE = Aug-19-2020 07:54:48 AM	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 3	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(811-1,81-1-2)RS-1	ROCK ISLAND	306	21
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

# SCHEDULE OF QUANTITIES

FOOT	LOCATION	OFFSET	REMARKS
<b>44213200 SAW CUTS</b>			
8740	62+91 - 138+49		AS NEEDED FOR PATCHING
<b>RAMPS</b>			
725	I-280 WB TO IL 92 NB		AS NEEDED FOR PATCHING
725	7+05 - 25+26		AS NEEDED FOR PATCHING
725	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
725	4+63 - 17+60		AS NEEDED FOR PATCHING
725	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
725	6+52 - 19+98		AS NEEDED FOR PATCHING
725	I-280 WB TO IL 92 SB		AS NEEDED FOR PATCHING
725	5+54 - 13+41		AS NEEDED FOR PATCHING
725	I-280 EB TO IL 92 SB		AS NEEDED FOR PATCHING
725	6+56 - 24+25		AS NEEDED FOR PATCHING
725	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
725	5+09 - 18+50		AS NEEDED FOR PATCHING
725	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
725	6+69 - 21+81		AS NEEDED FOR PATCHING
725	I-280 EB TO IL 92 NB		AS NEEDED FOR PATCHING
725	5+17 - 13+77		AS NEEDED FOR PATCHING
<b>14540</b>	<b>TOTAL</b>		

EACH	LOCATION	OFFSET	REMARKS
<b>44213204 TIE BARS 3/4"</b>			
834	62+91 - 138+49		AS NEEDED FOR PATCHING
<b>RAMPS</b>			
20	I-280 WB TO IL 92 NB		AS NEEDED FOR PATCHING
20	7+05 - 25+26		AS NEEDED FOR PATCHING
20	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
20	4+63 - 17+60		AS NEEDED FOR PATCHING
20	IL 92 NB TO I-280 WB		AS NEEDED FOR PATCHING
20	6+52 - 19+98		AS NEEDED FOR PATCHING
20	I-280 WB TO IL 92 SB		AS NEEDED FOR PATCHING
20	5+54 - 13+41		AS NEEDED FOR PATCHING
20	I-280 EB TO IL 92 SB		AS NEEDED FOR PATCHING
20	6+56 - 24+25		AS NEEDED FOR PATCHING
20	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
20	5+09 - 18+50		AS NEEDED FOR PATCHING
20	IL 92 SB TO I-280 EB		AS NEEDED FOR PATCHING
20	6+69 - 21+81		AS NEEDED FOR PATCHING
20	I-280 EB TO IL 92 NB		AS NEEDED FOR PATCHING
20	5+17 - 13+77		AS NEEDED FOR PATCHING
<b>994</b>	<b>TOTAL</b>		

POUND	LOCATION	OFFSET	REMARKS
<b>50800205 REINFORCEMENT BARS, EPOXY COATED</b>			
290	19+93 - 20+13		MEDIAN - IOWA TRANSITION WALL
<b>290</b>	<b>TOTAL</b>		

FOOT	LOCATION	OFFSET	REMARKS
<b>60600605 CONCRETE CURB, TYPE B</b>			
16	EAST BOUND		TBT TYPE 6
16	62+75 - 62+91		WEST BOUND
<b>32</b>	<b>TOTAL</b>		

FOOT	LOCATION	OFFSET	REMARKS
<b>63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS</b>			
175	93+24.5 - 94+99.5	54.50 LT / 63.58 LT	
87.5	93+25 - 94+12.5	50.65 RT / 52.33 RT	
<b>262.5</b>	<b>TOTAL</b>		

FOOT	LOCATION	OFFSET	REMARKS
<b>63000017 STEEL PLATE BEAM GUARDRAIL, TYPE D, 6 FOOT POSTS</b>			
200	100+29 - 102+29		AROUND MEDIAN SIGN SUPPORT
163	127+34 - 128+96		AROUND MEDIAN SIGN SUPPORT
<b>363</b>	<b>TOTAL</b>		

EACH	LOCATION	OFFSET	REMARKS
<b>63100045 TRAFFIC BARRIER TERMINAL, TYPE 2</b>			
1	93+42 - 93+45	52.33 RT	
<b>1</b>	<b>TOTAL</b>		

EACH	LOCATION	OFFSET	REMARKS
<b>63100085 TRAFFIC BARRIER TERMINAL, TYPE 6</b>			
1	62+75 - 63+12	41.79' / LT	
<b>1</b>	<b>TOTAL</b>		

EACH	LOCATION	OFFSET	REMARKS
<b>63100105 TRAFFIC BARRIER TERMINAL, TYPE 10</b>			
1	62+73 - 62+75	40.77 RT	
<b>1</b>	<b>TOTAL</b>		

EACH	LOCATION	OFFSET	REMARKS
<b>63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT</b>			
1	94+99	63.58 LT / 65.08 LT	STA 95+36.88 BLON
<b>1</b>	<b>TOTAL</b>		

FOOT	LOCATION	OFFSET	REMARKS
<b>63200310 GUARDRAIL REMOVAL</b>			
2249	72+20 - 94+69		MEDIAN
103	100+30 - 101+33	RT	MEDIAN SIGN SUPPORT
103	101+11 - 102+14	LT	MEDIAN SIGN SUPPORT
66	127+42 - 128+08	RT	MEDIAN SIGN SUPPORT
66	127+86 - 128+52	LT	MEDIAN SIGN SUPPORT
<b>I-280 EB</b>			
144	93+25 - 94+69	50.69 RT	
<b>I-280 WB</b>			
51.5	93+25 - 93+76	56.18 LT	
<b>IL 92 NB TO I-280 WB</b>			
150	5+50 - 7+00	20.02 LT	
<b>I-280 WB TO IL 92 SB</b>			
242	10+54 - 12+96	22.91 LT	
<b>3174.5</b>	<b>TOTAL</b>		

FOOT	LOCATION	OFFSET	REMARKS
<b>63301210 REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A</b>			
3050.0	62+75 - 93+25	40.77 RT / 50.65 RT	
3012.5	63+12.0 - 93+24.5	41.79 LT / 54.50 LT	
<b>6062.5</b>	<b>TOTAL</b>		

EACH	LOCATION	OFFSET	REMARKS
<b>63500105 DELINEATORS</b>			
1	94+99	65.08 LT	TBT, TYPE 1 SPL TAN
1	100+45		IMPACT ATTENUATOR FOR MEDIAN GUARDRAIL
1	102+20		IMPACT ATTENUATOR FOR MEDIAN GUARDRAIL
1	127+33		IMPACT ATTENUATOR FOR MEDIAN GUARDRAIL
1	128+83		IMPACT ATTENUATOR FOR MEDIAN GUARDRAIL
<b>5</b>	<b>TOTAL</b>		

FOOT	LOCATION	OFFSET	REMARKS
<b>63700280 CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT</b>			
<b>BRIDGE DECK</b>			
534	11+80 - 17+14		MEDIAN
65	19+28 - 19+93		MEDIAN
15	20+13 - 20+28		MEDIAN
15	62+81 - 62+96		MEDIAN
<b>RESURFACING</b>			
3327	62+91 - 96+18		MEDIAN
<b>3956</b>	<b>TOTAL</b>		

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>	
SCALE:	SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&G(811-1,81-1-2)RS-1	ROCK ISLAND	306	22
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

# SCHEDULE OF QUANTITIES

63700380	<u>CONCRETE BARRIER, VARIABLE CROSS SECTION 44 INCH HEIGHT</u>			
FOOT	LOCATION	OFFSET		REMARKS
20	19+93 - 20+13			MEDIAN
<b>20</b>	TOTAL			

63700900	<u>CONCRETE BARRIER BASE</u>			
FOOT	LOCATION	OFFSET		REMARKS
<u>BRIDGE DECK</u>				
534	11+80 - 17+14			MEDIAN
100	19+28 - 20+28			MEDIAN
15	62+81 - 62+96			MEDIAN
<b>649</b>	TOTAL			

63800920	<u>MODULAR GLARE SCREEN, TEMPORARY</u>			
FOOT	LOCATION	OFFSET		REMARKS
550	63+00 - 68+50			MEDIAN STAGE 1
650	12+50 - 19+00			MEDIAN STAGE 2
500				ADDITIONAL
<b>1700</b>	TOTAL			

64200116	<u>SHOULDER RUMBLE STRIPS, 16 INCH</u>			
FOOT	LOCATION	OFFSET		REMARKS
<u>I-280 WB</u>				
7558	62+91 - 138+49		RT	INSIDE
3391	62+91 - 96+82		RT	OUTSIDE
922	103+42 - 112+64		RT	OUTSIDE
736	120+05 - 127+41		RT	OUTSIDE
10	138+39 - 138+49		RT	OUTSIDE
<u>I-280 EB</u>				
7558	62+91 - 138+49		LT	INSIDE
2856	62+91 - 91+47		LT	OUTSIDE
672	101+73 - 108+45		LT	OUTSIDE
933	116+35 - 125+68		LT	OUTSIDE
568	132+81 - 138+49		LT	OUTSIDE
<u>I-280 WB TO IL 92 NB</u>				
3642	7+05 - 25+26			INSIDE & OUTSIDE
<u>IL 92 NB TO I-280 WB</u>				
1297	4+63 - 17+60			INSIDE & OUTSIDE
<u>IL 92 NB TO I-280 WB</u>				
2692	6+52 - 19+98			INSIDE & OUTSIDE
<u>I-280 WB TO IL 92 SB</u>				
1574	5+54 - 13+41			INSIDE & OUTSIDE
<u>I-280 EB TO IL 92 SB</u>				
3538	6+56 - 24+25			INSIDE & OUTSIDE
<u>IL 92 SB TO I-280 EB</u>				
2682	5+09 - 18+50			INSIDE & OUTSIDE
<u>IL 92 SB TO I-280 EB</u>				
3024	6+69 - 21+81			INSIDE & OUTSIDE
<u>I-280 EB TO IL 92 NB</u>				
1720	5+17 - 13+77			INSIDE & OUTSIDE
<b>37815</b>	TOTAL			

64300260	<u>IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3</u>			
EACH	LOCATION	OFFSET		REMARKS
1	96+18			BEGINNING OF CONCRETE BARRIER WALL
1	100+45.5			BEGINNING OF MEDIAN GUARDRAIL FOR SIGN SUPPORT
1	102+20.5			BEGINNING OF MEDIAN GUARDRAIL FOR SIGN SUPPORT
1	127+33			BEGINNING OF MEDIAN GUARDRAIL FOR SIGN SUPPORT
1	128+83			BEGINNING OF MEDIAN GUARDRAIL FOR SIGN SUPPORT
<b>5</b>	TOTAL			

70107025	<u>CHANGEABLE MESSAGE SIGN</u>			
CAL DA	LOCATION	OFFSET		REMARKS
20	BRIDGE			
60	RESURFACING			
<b>80</b>	TOTAL			

70300100	<u>SHORT TERM PAVEMENT MARKING</u>			
FOOT	LOCATION	OFFSET		REMARKS
<u>I-280 WB</u>				
687	62+91 - 138+49			WHITE CENTER SKIP DASH
304	62+51 - 138+49			WHITE OUTSIDE EDGE LINE
304	62+51 - 138+49			YELLOW INSDE EDGE LINE
<u>I-280 EB</u>				
691	62+51 - 138+49			WHITE CENTER SKIP DASH
304	62+51 - 138+49			WHITE OUTSIDE EDGE LINE
304	62+51 - 138+49			YELLOW INSIDE EDGE LINE
<u>I-280 WB TO IL 92 NB</u>				
73	7+05 - 25+26			WHITE OUTSIDE EDGE LINE
73	7+05 - 25+26			YELLOW INSIDE EDGE LINE
<u>IL 92 NB TO I-280 WB</u>				
52	4+63 - 17+60			WHITE OUTSIDE EDGE LINE
52	4+63 - 17+60			YELLOW INSIDE EDGE LINE
<u>IL 92 NB TO I-280 WB</u>				
54	6+52 - 19+98			WHITE OUTSIDE EDGE LINE
54	6+52 - 19+98			YELLOW INSIDE EDGE LINE
<u>I-280 WB TO IL 92 SB</u>				
31	5+54 - 13+41			WHITE OUTSIDE EDGE LINE
31	5+54 - 13+41			YELLOW INSIDE EDGE LINE
<u>I-280 EB TO IL 92 SB</u>				
71	6+56 - 24+25			WHITE OUTSIDE EDGE LINE
71	6+56 - 24+25			YELLOW INSIDE EDGE LINE
<u>IL 92 SB TO I-280 EB</u>				
54	5+09 - 18+50			WHITE OUTSIDE EDGE LINE
54	5+09 - 18+50			YELLOW INSIDE EDGE LINE
<u>IL 92 SB TO I-280 EB</u>				
60	6+69 - 21+81			WHITE OUTSIDE EDGE LINE
60	6+69 - 21+81			YELLOW INSIDE EDGE LINE
<u>I-280 EB TO IL 92 NB</u>				
34	5+17 - 13+77			WHITE OUTSIDE EDGE LINE
34	5+17 - 13+77			YELLOW INSIDE EDGE LINE
3453	AFTER MILLING			
3453	AFTER BINDER			
3453	AFTER SURFACE			
<b>13812</b>	TOTAL			

70300150	<u>SHORT TERM PAVEMENT MARKING REMOVAL</u>			
SO FT	LOCATION	OFFSET		REMARKS
<u>I-280 WB</u>				
229	62+91 - 138+49			WHITE CENTER SKIP DASH
101	62+51 - 138+49			WHITE OUTSIDE EDGE LINE
101	62+51 - 138+49			YELLOW INSDE EDGE LINE
<u>I-280 EB</u>				
230	62+51 - 138+49			WHITE CENTER SKIP DASH
101	62+51 - 138+49			WHITE OUTSIDE EDGE LINE
101	62+51 - 138+49			YELLOW INSDE EDGE LINE
<u>I-280 WB TO IL 92 NB</u>				
24	7+05 - 25+26			WHITE OUTSIDE EDGE LINE
24	7+05 - 25+26			YELLOW INSDE EDGE LINE
<u>IL 92 NB TO I-280 WB</u>				
17	4+63 - 17+60			WHITE OUTSIDE EDGE LINE
17	4+63 - 17+60			YELLOW INSDE EDGE LINE
<u>IL 92 NB TO I-280 WB</u>				
18	6+52 - 19+98			WHITE OUTSIDE EDGE LINE
18	6+52 - 19+98			YELLOW INSDE EDGE LINE
<u>I-280 WB TO IL 92 SB</u>				
10	5+54 - 13+41			WHITE OUTSIDE EDGE LINE
10	5+54 - 13+41			YELLOW INSDE EDGE LINE
<u>I-280 EB TO IL 92 SB</u>				
24	6+56 - 24+25			WHITE OUTSIDE EDGE LINE
24	6+56 - 24+25			YELLOW INSDE EDGE LINE
<u>IL 92 SB TO I-280 EB</u>				
18	5+09 - 18+50			WHITE OUTSIDE EDGE LINE
18	5+09 - 18+50			YELLOW INSDE EDGE LINE
<u>IL 92 SB TO I-280 EB</u>				
20	6+69 - 21+81			WHITE OUTSIDE EDGE LINE
20	6+69 - 21+81			YELLOW INSDE EDGE LINE
<u>I-280 EB TO IL 92 NB</u>				
11	5+17 - 13+77			WHITE OUTSIDE EDGE LINE
11	5+17 - 13+77			YELLOW INSDE EDGE LINE
<b>1151</b>	TOTAL			

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET 5 OF 10 SHEETS		STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1)JD&(811-1,81-1-2)RS-1	ROCK ISLAND	306	23
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

# SCHEDULE OF QUANTITIES

70300220 TEMPORARY PAVEMENT MARKING - LINE 4"			
FOOT	LOCATION	OFFSET	REMARKS
1159	488+41	- 500+00	EB - PRE-STAGE - SOLID YELLOW
1159	488+41	- 500+00	EB - PRE-STAGE - SOLID WHITE
25	488+41	- 489+41	EB - PRE-STAGE - SKIP DASH WHITE
6505	11+13	- 76+18	EB - PRE-STAGE - SOLID YELLOW
6505	11+13	- 76+18	EB - PRE-STAGE - SOLID WHITE
1159	488+41	- 500+00	EB - STAGE 1 - SOLID YELLOW
1159	488+41	- 500+00	EB - STAGE 1 - SOLID WHITE
25	488+41	- 489+41	EB - STAGE 1 - SKIP DASH WHITE
34	499+66	- 500+00	WB - STAGE 1 - SOLID YELLOW
34	499+66	- 500+00	WB - STAGE 1 - SOLID WHITE
6505	11+13	- 76+18	EB - STAGE 1 - SOLID YELLOW
6587	11+13	- 77+00	EB - STAGE 1 - SOLID WHITE
21	76+18	- 77+00	EB - STAGE 1 - SKIP DASH WHITE
9152	11+13	- 102+65	WB - STAGE 1 - SOLID YELLOW
8970	11+13	- 100+83	WB - STAGE 1 - SOLID WHITE
146	99+38	- 100+84	WB - STAGE 1 - SOLID WHITE
327	99+38	- 102+65	WB - STAGE 1 - SOLID WHITE
302	90+58	- 102+65	WB - STAGE 1 - SKIP DASH WHITE
160	93+00	- 99+38	WB - STAGE 1 - SKIP DASH WHITE
1159	488+41	- 500+00	EB-WINTER SHUT DOWN - SOLID YELLOW
6587	11+13	- 77+00	EB-WINTER SHUT DOWN - SOLID YELLOW
290	488+41	- 500+00	EB WINTER SHUT DOWN - SKIP DASH WHITE
1647	11+13	- 77+00	EB WINTER SHUT DOWN - SKIP DASH WHITE
1159	488+41	- 500+00	EB WINTER SHUT DOWN - SOLID WHITE
6587	11+13	- 77+00	EB WINTER SHUT DOWN - SOLID WHITE
34	499+66	- 500+00	WB-WINTER SHUT DOWN - SOLID YELLOW
9152	11+13	- 102+65	WB-WINTER SHUT DOWN - SOLID YELLOW
9	499+66	- 500+00	WB WINTER SHUT DOWN - SKIP DASH WHITE
2288	11+13	- 102+65	WB WINTER SHUT DOWN - SKIP DASH WHITE
34	499+66	- 500+00	WB WINTER SHUT DOWN - SOLID WHITE
9152	11+13	- 102+65	WB WINTER SHUT DOWN - SOLID WHITE
3379	466+21	- 500+00	EB - STAGE 2 - SOLID YELLOW
1500	466+21	- 481+21	EB - STAGE 2 - SOLID WHITE
793	473+28	- 481+21	EB - STAGE 2 - SOLID YELLOW
2672	473+28	- 500+00	EB - STAGE 2 - SOLID WHITE
9	499+91	- 500+00	WB - STAGE 2 - SOLID YELLOW
42	499+58	- 500+00	WB - STAGE 2 - SOLID WHITE
7359	11+13	- 84+72	WB - STAGE 2 - SOLID YELLOW
7359	11+13	- 84+72	WB - STAGE 2 - SOLID WHITE
25	83+72	- 84+72	WB - STAGE 2 - SKIP DASH WHITE

TEMPORARY PAVEMENT MARKING - LINE 4" (CONTINUE)			
FOOT	LOCATION	OFFSET	REMARKS
6505	11+13	- 76+18	EB - STAGE 2 - SOLID YELLOW
6587	11+13	- 77+00	EB - STAGE 2 - SOLID WHITE
3380	466+20	- 500+00	EB-WINTER SHUT DOWN - SOLID YELLOW
6587	11+13	- 77+00	EB-WINTER SHUT DOWN - SOLID YELLOW
845	466+20	- 500+00	EB WINTER SHUT DOWN - SKIP DASH WHITE
1647	11+13	- 77+00	EB WINTER SHUT DOWN - SKIP DASH WHITE
3380	466+20	- 500+00	EB WINTER SHUT DOWN - SOLID WHITE
6587	11+13	- 77+00	EB WINTER SHUT DOWN - SOLID WHITE
42	499+58	- 500+00	WB-WINTER SHUT DOWN - SOLID YELLOW
7359	11+13	- 84+72	WB-WINTER SHUT DOWN - SOLID YELLOW
11	499+58	- 500+00	WB WINTER SHUT DOWN - SKIP DASH WHITE
1840	11+13	- 84+72	WB WINTER SHUT DOWN - SKIP DASH WHITE
42	499+58	- 500+00	WB WINTER SHUT DOWN - SOLID WHITE
7359	11+13	- 84+72	WB WINTER SHUT DOWN - SOLID WHITE
20000			ADDITIONAL
183340	TOTAL		

70400100 TEMPORARY CONCRETE BARRIER			
FOOT	LOCATION	OFFSET	REMARKS
650	11+13	- 17+63	PRE-STAGE - EB INSIDE EDGE
625	63+87	- 69+95	PRE-STAGE - EB INSIDE EDGE
1275	SUBTOTAL		
50	499+66	- 500+00	STAGE 1 - MEDIAN
5875	11+13	- 69+85	STAGE 1 - MEDIAN
700	64+00	- 71+00	STAGE 1 - WB OUTSIDE EDGE
-1275	AVAILABLE FROM PREVIOUS STAGE (RELOCATE WALL)		
5350	SUBTOTAL		

TEMPORARY CONCRETE BARRIER (CONTINUE)			
FOOT	LOCATION	OFFSET	REMARKS
650	11+25	- 17+75	WINTER SHUT DOWN - MEDIAN (RELOCATE WALL)
550	64+50	- 70+00	WINTER SHUT DOWN - MEDIAN (RELOCATE WALL)
1200	SUBTOTAL (RELOCATE)		
-	-	-	-
5900	11+13	- 69+90	STAGE 2 - MEDIAN
575	12+00	- 17+64	STAGE 2 - EB OUTSIDE EDGE
-1200	AVAILABLE FROM PREVIOUS STAGE (RELOCATE WALL)		
5275	SUBTOTAL		
650	11+25	- 17+75	WINTER SHUT DOWN - MEDIAN (RELOCATE WALL)
550	64+50	- 70+00	WINTER SHUT DOWN - MEDIAN (RELOCATE WALL)
1200	SUBTOTAL (RELOCATE)		
2000	ADDITIONAL		
13900	TOTAL		

70400200 RELOCATE TEMPORARY CONCRETE BARRIER			
FOOT	LOCATION	OFFSET	REMARKS
1275	STAGE 1 (SEE TEMPORARY CONCRETE BARRIER)		
1200	WINTER SHUT DOWN		
1200	STAGE 2 (SEE TEMPORARY CONCRETE BARRIER)		
1200	WINTER SHUT DOWN		
1000	ADDITIONAL		
5875	TOTAL		

70600251 IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3			
EACH	LOCATION	OFFSET	REMARKS
1	11+14	RT	PRE-STAGE
1	63+87	RT	PRE-STAGE
1	12+01	RT	STAGE 2
3	TOTAL		

70600280 IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3			
EACH	LOCATION	OFFSET	REMARKS
1	11+79	MEDIAN	PRE-STAGE
1	64+90	MEDIAN	PRE-STAGE
2	TOTAL		

70600352 IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 3			
EACH	LOCATION	OFFSET	REMARKS
1	71+00	LT	STAGE 1
1	TOTAL		

70600370 IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3			
EACH	LOCATION	OFFSET	REMARKS
1	TOTAL		

72501000 TERMINAL MARKER - DIRECT APPLIED			
EACH	LOCATION	OFFSET	REMARKS
1	94+99	RT	TBT TYPE 1
1	TOTAL		

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"			
FOOT	LOCATION	OFFSET	REMARKS
			BRIDGE DECK
100	62+81	- 63+81	LT WB - SOLID WHITE
100	62+81	- 63+81	RT EB - SOLID WHITE
100	62+81	- 63+81	LT WB - SOLID YELLOW
100	62+81	- 63+81	RT EB - SOLID YELLOW

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 6	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-18)D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	24
CONTRACT NO. 64F78				
ILLINOIS		FED. AID PROJECT		



# SCHEDULE OF QUANTITIES

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (CONTINUE)				
FOOT	LOCATION	OFFSET	REMARKS	
<u>RESURFACING</u>				
I-280 WB				
7558	62+91 - 138+49	LT	1 WHITE SOLID OUTSIDE EDGE LINE	
7558	62+91 - 138+49	LT	1 YELLOW SOLID INSIDE EDGE LINE	
I-280 EB				
7558	62+91 - 138+49	RT	1 WHITE SOLID OUTSIDE EDGE LINE	
7558	62+91 - 138+49	RT	1 YELLOW SOLID INSIDE EDGE LINE	
I-280 WB TO IL 92 NB				
1821	7+05 - 25+26	RT	1 WHITE SOLID OUTSIDE EDGE LINE	
1821	7+05 - 25+26	LT	1 YELLOW SOLID INSIDE EDGE LINE	
IL 92 NB TO I-280 WB				
1297	4+63 - 17+60	LT	1 WHITE SOLID OUTSIDE EDGE LINE	
1297	4+63 - 17+60	LT	1 YELLOW SOLID INSIDE EDGE LINE	
IL 92 SB TO I-280 WB				
1346	6+52 - 19+98	LT	1 WHITE SOLID OUTSIDE EDGE LINE	
1346	6+52 - 19+98	LT	1 YELLOW SOLID INSIDE EDGE LINE	
I-280 WB TO IL 92 SB				
787	5+54 - 13+41	LT	1 WHITE SOLID OUTSIDE EDGE LINE	
787	5+54 - 13+41	LT	1 YELLOW SOLID INSIDE EDGE LINE	
I-280 EB TO IL 92 SB				
1769	6+56 - 24+25	LT	1 WHITE SOLID OUTSIDE EDGE LINE	
1769	6+56 - 24+25	LT	1 YELLOW SOLID INSIDE EDGE LINE	
IL 92 SB TO I-280 EB				
1341	5+09 - 18+50	RT	1 WHITE SOLID OUTSIDE EDGE LINE	
1341	5+09 - 18+50	RT	1 YELLOW SOLID INSIDE EDGE LINE	
IL 92 NB TO I-280 EB				
1512	6+69 - 21+81	LT	1 WHITE SOLID OUTSIDE EDGE LINE	
1512	6+69 - 21+81	LT	1 YELLOW SOLID INSIDE EDGE LINE	
I-280 EB TO IL 92 NB				
860	5+17 - 13+77	LT	1 WHITE SOLID OUTSIDE EDGE LINE	
860	5+17 - 13+77	LT	1 YELLOW SOLID INSIDE EDGE LINE	
<b>52098</b>	TOTAL			

THERMOPLASTIC PAVEMENT MARKING - LINE 12"				
FOOT	LOCATION	OFFSET	REMARKS	
I-280 EB				
174	99+73 - 103+42		WHITE GORE DIAGONAL STRIPES	
I-280 WB				
208	125+68 - 129+72		WHITE GORE DIAGONAL STRIPES	
<b>383</b>	TOTAL			

POLYUREA PAVEMENT MARKING TYPE II - LINE 4"				
FOOT	LOCATION	OFFSET	REMARKS	
4353	19+28 - 62+81	LT	WB - SOLID WHITE	
4353	19+28 - 62+81	RT	EB - SOLID WHITE	
4353	19+28 - 62+81	LT	WB - SOLID YELLOW	
4353	19+28 - 62+81	RT	EB - SOLID YELLOW	
<b>17412</b>	TOTAL			

POLYUREA PAVEMENT MARKING TYPE II - LINE 6"				
FOOT	LOCATION	OFFSET	REMARKS	
1089	19+28 - 62+81	LT	WB - SKIP DASH - WHITE	
1089	19+28 - 62+81	RT	EB - SKIP DASH - WHITE	
<b>2178</b>	TOTAL			

RAISED REFLECTIVE PAVEMENT MARKER				
EACH	LOCATION	OFFSET	REMARKS	
<u>BRIDGE DECK</u>				
3	19+28 - 20+28	LT	WB 2 per 80'	
3	19+28 - 20+28	RT	EB 2 per 80'	
3	62+81 - 63+81	LT	WB 2 per 80'	
3	62+81 - 63+81	RT	EB 2 per 80'	

THERMOPLASTIC PAVEMENT MARKING - LINE 6"				
FOOT	LOCATION	OFFSET	REMARKS	
<u>BRIDGE DECK</u>				
25	62+81 - 63+81	LT	WB - SKIP DASH - WHITE	
25	62+81 - 63+81	RT	EB - SKIP DASH - WHITE	
<u>RESURFACING</u>				
I-280 WB				
1890	62+91 - 138+49		WHITE CENTERLINE SKIP DASH	
112	110+49 - 114+97		WHITE SKIP DASH	
I-280 EB				
1890	62+91 - 138+49		WHITE CENTERLINE SKIP DASH	
112	113+91 - 118+37		WHITE SKIP DASH	
<b>4053</b>	TOTAL			

RESURFACING				
I-280 WB				
192	62+91 - 138+49		ONE-WAY CRYSTAL WHITE CENTER LINE	
57	91+47 - 102+53		ONE-WAY CRYSTAL OUTSIDE SHOULDER	
8	97+65 - 100+28		ONE-WAY CRYSTAL MARKER	
10	100+28 - 101+73		ONE-WAY CRYSTAL FOR GORE	
7	108+45 - 109+63		ONE-WAY CRYSTAL OUTSIDE SHOULDER	
24	125+68 - 129+72		ONE-WAY CRYSTAL FOR GORE	
10	114+97 - 116+35		ONE-WAY CRYSTAL FOR GORE	
12	114+97 - 117+15		ONE-WAY CRYSTAL OUTSIDE SHOULDER	
14	109+68 - 114+86		ONE-WAY CRYSTAL MARKER	
8	108+45 - 109+63		ONE-WAY CRYSTAL FOR GORE	
37	125+68 - 132+81		ONE-WAY CRYSTAL OUTSIDE SHOULDER	
I-280 EB				
192	62+91 - 138+49		ONE-WAY CRYSTAL WHITE CENTER LINE	
34	96+82 - 103+42		ONE-WAY CRYSTAL OUTSIDE SHOULDER	
22	99+73 - 103+42		ONE-WAY CRYSTAL FOR GORE	
12	111+84 - 113+85		ONE-WAY CRYSTAL OUTSIDE SHOULDER	
10	112+64 - 113+85		ONE-WAY CRYSTAL FOR GORE	
13	113+91 - 118+70		ONE-WAY CRYSTAL MARKER	
8	118+86 - 120+05		ONE-WAY CRYSTAL FOR GORE	
8	118+79 - 120+05		ONE-WAY CRYSTAL OUTSIDE SHOULDER	
61	126+61 - 138+49		ONE-WAY CRYSTAL OUTSIDE SHOULDER	
12	127+42 - 129+07		ONE-WAY CRYSTAL FOR GORE	
5	129+07 - 130+42		ONE-WAY CRYSTAL MARKER	
I-280 WB TO IL 92 NB				
18	7+05 - 13+49		ONE-WAY AMBER MARKER	
5	24+46 - 25+26		ONE-WAY CRYSTAL OUTSIDE SHOULDER	
IL 92 NB TO I-280 WB				
32	4+63 - 16+80		ONE-WAY AMBER MARKER	
I-280 WB TO IL 92 SB				
19	5+54 - 12+61		ONE-WAY AMBER MARKER	
5	12+61 - 13+41		ONE-WAY CRYSTAL OUTSIDE SHOULDER	
I-280 EB TO IL 92 SB				
40	6+56 - 13+14		ONE-WAY CRYSTAL MARKER	
5	23+45 - 24+25		ONE-WAY CRYSTAL OUTSIDE SHOULDER	

THERMOPLASTIC PAVEMENT MARKING - LINE 8"				
FOOT	LOCATION	OFFSET	REMARKS	
I-280 WB				
290	100+28 - 101+73		2 WHITE SOLID LINE	
290	100+28 - 101+73		2 WHITE SOLID LINE	
246	108+45 - 109+68		2 WHITE SOLID LINE	
246	108+45 - 109+68		2 WHITE SOLID LINE	
81	109+68 - 110+49		1 WHITE SOLID LINE	
276	114+97 - 116+35		2 WHITE SOLID LINE	
276	114+97 - 116+35		2 WHITE SOLID LINE	
808	125+68 - 129+72		2 WHITE SOLID LINE	
808	125+68 - 129+72		2 WHITE SOLID LINE	
66	97+65 - 100+28		WHITE SKIP DASH	
I-280 EB				
738	99+73 - 103+42		2 WHITE SOLID LINE	
738	99+73 - 103+42		2 WHITE SOLID LINE	
254	112+64 - 113+91		2 WHITE SOLID LINE	
254	112+64 - 113+91		2 WHITE SOLID LINE	
33	118+37 - 118+70		1 WHITE SOLID LINE	
270	118+70 - 120+05		2 WHITE SOLID LINE	
270	118+70 - 120+05		2 WHITE SOLID LINE	
330	127+42 - 129+07		2 WHITE SOLID LINE	
330	127+42 - 129+07		2 WHITE SOLID LINE	
34	129+07 - 130+42		WHITE SKIP DASH	
<b>6638</b>	TOTAL			

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USER NAME = BARTONRW	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISIONS -	280				(81-1)JD&(81-1,81-1-2)RS-1	ROCK ISLAND	306	25	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 64F78						
PLOT DATE = Aug-19-2020 07:55:45 AM	DATE -	REVISED -		SCALE:	SHEET 7	OF 10 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT

# SCHEDULE OF QUANTITIES

EACH	LOCATION	OFFSET	REMARKS
<b>RAISED REFLECTIVE PAVEMENT MARKER (CONTINUE)</b>			
33	IL 92 SB TO I-280 EB 5+09 - 17+70		ONE-WAY AMBER MARKER
21	I-280 EB TO IL 92 NB 5+16 - 12+97		ONE-WAY AMBER MARKER
5	12+97 - 13+77		ONE-WAY CRYSTAL OUTSIDE SHOULDER
73	IL 92 NB TO I-280 EB 6+69 - 21+01		ONE-WAY CRYSTAL OUTSIDE SHOULDER
65	IL 92 SB TO I-280 WB 6+52 - 19+18		ONE-WAY CRYSTAL OUTSIDE SHOULDER
<b>1089</b>	<b>TOTAL</b>		

EACH	LOCATION	OFFSET	REMARKS
<b>78100200 TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER</b>			
48	11+80 - 16+59		STAGE 1 - WB 2 per 20'
49	12+34 - 17+16		STAGE 2 - EB 1 per 20'
49	65+00 - 69+84		STAGE 1 - WB 2 per 20'
59	65+00 - 70+81		STAGE 2 - EB 2 per 20'
<b>205</b>	<b>TOTAL</b>		

EACH	LOCATION	OFFSET	REMARKS
<b>78200005 GUARDRAIL REFLECTORS, TYPE A</b>			
I-280 WB			
15	62+75 - 94+99	LT	OUTSIDE
13	62+91 - 89+70	RT	INSIDE
I-280 EB			
14	62+75 - 94+25	RT	OUTSIDE
15	62+91 - 96+18		INSIDE
4	100+45.5 - 102+20.5		MEDIAN
4	127+33 - 128+83		MEDIAN
<b>65</b>	<b>TOTAL</b>		

EACH	LOCATION	OFFSET	REMARKS
<b>78200010 BARRIER WALL REFLECTORS, TYPE B</b>			
30	62+91 - 96+18		MEDIAN BARRIER WALL
<b>30</b>	<b>TOTAL</b>		

EACH	LOCATION	OFFSET	REMARKS
<b>78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL</b>			
I-280 WB			
44	62+91 - 138+49		
I-280 EB			
44	62+51 - 138+40		
I-280 WB TO IL 92 NB			
51	7+05 - 25+26		
IL 92 NB TO I-280 WB			
30	5+54 - 13+41		
IL 92 SB TO I-280 WB			
30	6+52 - 19+18		
I-280 EB TO IL 92 SB			
53	6+56 - 24+25		
IL 92 SB TO I-280 EB			
37	5+09 - 17+70		
I-280 EB TO IL 92 NB			
39	5+16 - 13+77		
<b>328</b>	<b>TOTAL</b>		

EACH	LOCATION	OFFSET	REMARKS
<b>X0320157 CLEANING UNDERDRAIN OUTLETS</b>			
52	62+75 - 138+49		AS NEEDED
<b>52</b>	<b>TOTAL</b>		

X0325201	LOCATION	OFFSET	REMARKS
<b>SHOULDER RUMBLE STRIP REMOVAL</b>			
SQ YD			
722	11+53 - 19+53		LT
601	12+14 - 19+53		RT
339	62+51 - 69+72		LT
859	62+51 - 77+00		RT
<b>2521</b>	<b>TOTAL</b>		

X0327980	LOCATION	OFFSET	REMARKS
<b>PAVEMENT MARKING REMOVAL - WATER BLASTING</b>			
SQ FT			
422	466+20 - 478+85		EB - SOLID WHITE
71	478+85 - 487+37		EB - SKIP DASH WHITE
421	487+37 - 500+00		EB - SOLID WHITE
282	466+20 - 500+00		EB - SKIP DASH WHITE
1127	466+20 - 500+00		EB - SOLID YELLOW
2196	11+13 - 77+00		EB - SOLID WHITE
549	11+13 - 77+00		EB - SKIP DASH WHITE
2196	11+13 - 77+00		EB - SOLID YELLOW
12	499+66 - 500+00		WB - SOLID WHITE
3	499+66 - 500+00		WB - SKIP DASH WHITE
12	499+66 - 500+00		WB - SOLID YELLOW
305	11+13 - 20+28		WB - SOLID WHITE
974	62+81 - 92+03		WB - SOLID WHITE
61	92+03 - 99+26		WB - DOTTED WHITE
113	99+26 - 102+65		WB - SOLID WHITE
77	11+13 - 20+28		WB - SKIP DASH WHITE
332	62+81 - 102+65		WB - SKIP DASH WHITE
305	11+13 - 20+28		WB - SOLID YELLOW
1328	62+81 - 102+65		WB - SOLID YELLOW
1500			ADDITIONAL
<b>12286</b>	<b>TOTAL</b>		

X4400110	LOCATION	OFFSET	REMARKS
<b>TEMPORARY PAVEMENT REMOVAL</b>			
SQ YD			
155	11+80 - 17+14		MEDIAN - TEMP PAVEMENT
107	64+90 - 69+60		MEDIAN - TEMP PAVEMENT
<b>262</b>	<b>TOTAL</b>		

X5420636	LOCATION	OFFSET	REMARKS
<b>PIPE CULVERTS TO BE CLEANED .36"</b>			
FOOT			
I-280 WB			
94	120+49	92.61	LT
IL 92 NB TO I-280 WB			
73	15+83	28.90	RT / 43.54 54 LT
<b>167</b>	<b>TOTAL</b>		

X7030005	LOCATION	OFFSET	REMARKS
<b>TEMPORARY PAVEMENT MARKING REMOVAL</b>			
SQ FT			
387	488+41 - 500+00		EB - PRE-STAGE - SOLID YELLOW
387	488+41 - 500+00		EB - PRE-STAGE - SOLID WHITE
9	488+41 - 489+41		EB - PRE-STAGE - SKIP DASH WHITE
2169	11+13 - 76+18		EB - PRE-STAGE - SOLID YELLOW
2169	11+13 - 76+18		EB - PRE-STAGE - SOLID WHITE
387	488+41 - 500+00		EB - STAGE 1 - SOLID YELLOW
387	488+41 - 500+00		EB - STAGE 1 - SOLID WHITE
9	488+41 - 489+41		EB - STAGE 1 - SKIP DASH WHITE
12	499+66 - 500+00		WB - STAGE 1 - SOLID YELLOW
12	499+66 - 500+00		WB - STAGE 1 - SOLID WHITE
2169	11+13 - 76+18		EB - STAGE 1 - SOLID YELLOW
2196	11+13 - 77+00		EB - STAGE 1 - SOLID WHITE
7	76+18 - 77+00		EB - STAGE 1 - SKIP DASH WHITE
3051	11+13 - 102+65		WB - STAGE 1 - SOLID YELLOW
2990	11+13 - 100+83		WB - STAGE 1 - SOLID WHITE
49	99+38 - 100+84		WB - STAGE 1 - SOLID WHITE
109	99+38 - 102+65		WB - STAGE 1 - SOLID WHITE
101	90+58 - 102+65		WB - STAGE 1 - SKIP DASH WHITE
54	93+00 - 99+38		WB - STAGE 1 - SKIP DASH WHITE
387	488+41 - 500+00		EB-WINTER SHUT DOWN - SOLID YELLOW
2196	11+13 - 77+00		EB-WINTER SHUT DOWN - SOLID YELLOW

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USER NAME = BARTONRW	DESIGNED -	REVISED -
DRAWN -	CHECKED -	REVISED -
PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
PLOT DATE = Aug-19-2020 07:56:03 AM		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>		
SCALE:	SHEET 8 OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1)JD&(811-1,81-1-2)RS-1	ROCK ISLAND	306	26
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

# SCHEDULE OF QUANTITIES

TEMPORARY PAVEMENT MARKING REMOVAL (CONTINUE)			
SQ FT	LOCATION	OFFSET	REMARKS
97	488+41 - 500+00		EB WINTER SHUT DOWN - SKIP DASH WHITE
549	11+13 - 77+00		EB WINTER SHUT DOWN - SKIP DASH WHITE
387	488+41 - 500+00		EB WINTER SHUT DOWN - SOLID WHITE
2196	11+13 - 77+00		EB WINTER SHUT DOWN - SOLID WHITE
12	499+66 - 500+00		WB-WINTER SHUT DOWN - SOLID YELLOW
3051	11+13 - 102+65		WB-WINTER SHUT DOWN - SOLID YELLOW
3	499+66 - 500+00		WB WINTER SHUT DOWN - SKIP DASH WHITE
763	11+13 - 102+65		WB WINTER SHUT DOWN - SKIP DASH WHITE
12	499+66 - 500+00		WB WINTER SHUT DOWN - SOLID WHITE
3051	11+13 - 102+65		WB WINTER SHUT DOWN - SOLID WHITE
1127	466+21 - 500+00		EB - STAGE 2 - SOLID YELLOW
500	466+21 - 481+21		EB - STAGE 2 - SOLID WHITE
265	473+28 - 481+21		EB - STAGE 2 - SOLID YELLOW
891	473+28 - 500+00		EB - STAGE 2 - SOLID WHITE
3	499+91 - 500+00		WB - STAGE 2 - SOLID YELLOW
14	499+58 - 500+00		WB - STAGE 2 - SOLID WHITE
2453	11+13 - 84+72		WB - STAGE 2 - SOLID YELLOW
2453	11+13 - 84+72		WB - STAGE 2 - SOLID WHITE
9	83+72 - 84+72		WB - STAGE 2 - SKIP DASH WHITE
2169	11+13 - 76+18		EB - STAGE 2 - SOLID YELLOW
2196	11+13 - 77+00		EB - STAGE 2 - SOLID WHITE
1127	466+20 - 500+00		EB-WINTER SHUT DOWN - SOLID YELLOW
2196	11+13 - 77+00		EB-WINTER SHUT DOWN - SOLID YELLOW
282	466+20 - 500+00		EB WINTER SHUT DOWN - SKIP DASH WHITE
549	11+13 - 77+00		EB WINTER SHUT DOWN - SKIP DASH WHITE
1127	466+20 - 500+00		EB WINTER SHUT DOWN - SOLID WHITE
2196	11+13 - 77+00		EB WINTER SHUT DOWN - SOLID WHITE
14	499+58 - 500+00		WB-WINTER SHUT DOWN - SOLID YELLOW
2453	11+13 - 84+72		WB-WINTER SHUT DOWN - SOLID YELLOW
4	499+58 - 500+00		WB WINTER SHUT DOWN - SKIP DASH WHITE
614	11+13 - 84+72		WB WINTER SHUT DOWN - SKIP DASH WHITE
14	499+58 - 500+00		WB WINTER SHUT DOWN - SOLID WHITE
2453	11+13 - 84+72		WB WINTER SHUT DOWN - SOLID WHITE
6667			ADDITIONAL
<b>61134</b>	TOTAL		

GROOVING FOR RECESSED PAVEMENT MARKING 5" (CONTINUE)			
FOOT	LOCATION	OFFSET	REMARKS
	I-280 EB TO IL 92 NB		
860	5+17 - 13+77	LT	1 WHITE SOLID OUTSIDE EDGE LINE
860	5+17 - 13+77	LT	1 YELLOW SOLID INSIDE EDGE LINE
<b>52098</b>	TOTAL		

GROOVING FOR RECESSED PAVEMENT MARKING 7"			
FOOT	LOCATION	OFFSET	REMARKS
BRIDGE DECK			
25	62+81 - 63+81	LT	WB SKIP DASH
25	62+81 - 63+81	RT	EB SKIP DASH
RESURFACING			
I-280 WB			
1890	62+91 - 138+49		WHITE CENTERLINE SKIP DASH
112	110+49 - 114+97		WHITE SHIP DASH
I-280 EB			
1890	62+91 - 138+49		WHITE CENTERLINE SKIP DASH
112	113+91 - 118+37		WHITE SHIP DASH
<b>4053</b>	TOTAL		

GROOVING FOR RECESSED PAVEMENT MARKING 9"			
FOOT	LOCATION	OFFSET	REMARKS
I-280 WB			
290	100+28 - 101+73		2 WHITE SOLID LINE
290	100+28 - 101+73		2 WHITE SOLID LINE
246	108+45 - 109+68		2 WHITE SOLID LINE
246	108+45 - 109+68		2 WHITE SOLID LINE
81	109+68 - 110+49		1 WHITE SOLID LINE
276	114+97 - 116+35		2 WHITE SOLID LINE
276	114+97 - 116+35		2 WHITE SOLID LINE
808	125+68 - 129+72		2 WHITE SOLID LINE
808	125+68 - 129+72		2 WHITE SOLID LINE
66	97+65 - 100+28		WHITE SKIP DASH
I-280 EB			
738	99+73 - 103+42		2 WHITE SOLID LINE
738	99+73 - 103+42		2 WHITE SOLID LINE
254	112+64 - 113+91		2 WHITE SOLID LINE
254	112+64 - 113+91		2 WHITE SOLID LINE
33	118+37 - 118+70		1 WHITE SOLID LINE
270	118+70 - 120+05		2 WHITE SOLID LINE
270	118+70 - 120+05		2 WHITE SOLID LINE
330	127+42 - 129+07		2 WHITE SOLID LINE
330	127+42 - 129+07		2 WHITE SOLID LINE
34	129+07 - 130+42		WHITE SKIP DASH
<b>6638</b>	TOTAL		

GROOVING FOR RECESSED PAVEMENT MARKING 5"			
FOOT	LOCATION	OFFSET	REMARKS
BRIDGE DECK			
100	62+81 - 63+81	LT	WB LEFT EDGE - SOLID
100	62+81 - 63+81	RT	WB RIGHT EDGE - SOLID
100	62+81 - 63+81	LT	EB LEFT EDGE - SOLID
100	62+81 - 63+81	RT	WB RIGHT EDGE - SOLID
RESURFACING			
I-280 WB			
7558	62+91 - 138+49	LT	1 WHITE SOLID OUTSIDE EDGE LINE
7558	62+91 - 138+49	LT	1 YELLOW SOLID INSIDE EDGE LINE
I-280 EB			
7558	62+91 - 138+49	RT	1 WHITE SOLID OUTSIDE EDGE LINE
7558	62+91 - 138+49	RT	1 YELLOW SOLID INSIDE EDGE LINE
I-280 WB TO IL 92 NB			
1821	7+05 - 25+26	RT	1 WHITE SOLID OUTSIDE EDGE LINE
1821	7+05 - 25+26	LT	1 YELLOW SOLID INSIDE EDGE LINE
IL 92 NB TO I-280 WB			
1297	4+63 - 17+60	LT	1 WHITE SOLID OUTSIDE EDGE LINE
1297	4+63 - 17+60	LT	1 YELLOW SOLID INSIDE EDGE LINE
IL 92 SB TO I-280 WB			
1346	6+52 - 19+98	LT	1 WHITE SOLID OUTSIDE EDGE LINE
1346	6+52 - 19+98	LT	1 YELLOW SOLID INSIDE EDGE LINE
I-280 WB TO IL 92 SB			
787	5+54 - 13+41	LT	1 WHITE SOLID OUTSIDE EDGE LINE
787	5+54 - 13+41	LT	1 YELLOW SOLID INSIDE EDGE LINE
I-280 EB TO IL 92 SB			
1769	6+56 - 24+25	LT	1 WHITE SOLID OUTSIDE EDGE LINE
1769	6+56 - 24+25	LT	1 YELLOW SOLID INSIDE EDGE LINE
IL 92 SB TO I-280 EB			
1341	5+09 - 18+50	RT	1 WHITE SOLID OUTSIDE EDGE LINE
1341	5+09 - 18+50	RT	1 YELLOW SOLID INSIDE EDGE LINE
IL 92 NB TO I-280 EB			
1512	6+69 - 21+81	LT	1 WHITE SOLID OUTSIDE EDGE LINE
1512	6+69 - 21+81	LT	1 YELLOW SOLID INSIDE EDGE LINE

GROOVING FOR RECESSED PAVEMENT MARKING 13"			
FOOT	LOCATION	OFFSET	REMARKS
I-280 EB			
174	99+73 - 103+42		WHITE GORE DIAGONAL STRIPES
I-280 WB			
208	125+68 - 129+72		WHITE GORE DIAGONAL STRIPES
<b>383</b>	TOTAL		

APPROACH SLAB REMOVAL			
SQ YD	LOCATION	OFFSET	REMARKS
88	20+38 - 20+58	LT	WB
88	20+38 - 20+58	RT	EB
88	62+51 - 62+71	LT	WB
88	62+51 - 62+71	RT	EB
<b>352</b>	TOTAL		

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# SCHEDULE OF QUANTITIES

Z0028415		<u>GEOTECHNICAL REINFORCEMENT</u>			
<u>SQ_YD</u>	<u>LOCATION</u>	<u>OFFSET</u>		<u>REMARKS</u>	
228	62+91 - 138+49			AS NEEDED FOR PATCHING	
	<u>RAMPS</u>				
	I-280 WB TO IL 92 NB				
25	7+05 - 25+26			AS NEEDED FOR PATCHING	
	IL 92 NB TO I-280 WB				
25	4+63 - 17+60			AS NEEDED FOR PATCHING	
	IL 92 NB TO I-280 WB				
25	6+52 - 19+98			AS NEEDED FOR PATCHING	
	I-280 WB TO IL 92 SB				
25	5+54 - 13+41			AS NEEDED FOR PATCHING	
	I-280 EB TO IL 92 SB				
25	6+56 - 24+25			AS NEEDED FOR PATCHING	
	IL 92 SB TO I-280 EB				
25	5+09 - 18+50			AS NEEDED FOR PATCHING	
	IL 92 SB TO I-280 EB				
25	6+69 - 21+81			AS NEEDED FOR PATCHING	
	I-280 EB TO IL 92 NB				
25	5+17 - 13+77			AS NEEDED FOR PATCHING	
428	TOTAL				

Z0062456		<u>TEMPORARY PAVEMENT</u>			
<u>SQ_YD</u>	<u>LOCATION</u>	<u>OFFSET</u>		<u>REMARKS</u>	
155	11+80 - 17+14			MEDIAN	
107	64+90 - 96+60			MEDIAN	
262	TOTAL				

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	USER NAME = BARTONRW	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			280	(81-1B)D&(811-1,81-1-2)RS-1	ROCK ISLAND	306	28
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 64F78				
	PLOT DATE = Aug-19-2020 07:56:31 AM	DATE -	REVISED -		SCALE:	SHEET 10	OF 10	SHEETS	STA.	TO STA.
								ILLINOIS	FED. AID PROJECT	



LOCATION	REMARKS	LENGTH (FOOT)	MAINLINE		SHOULDER			30300112 AGGREGATE SUBGRADE IMPROVEMENT 12" SQ YD	40600275 BITUMINOUS MATERIALS (PRIME COAT) (1 APPLICATION) POUND	40600290 BITUMINOUS MATERIALS (TACK COAT)		40600295 POLYMERIZED BITUMINOUS MATERIALS TACK COAT			40600982 HMA SURFACE REMOVAL BUTT JOINT SQ YD	40600990 TEMPORARY RAMP	40602978 HMA BINDER COURSE, IL-9.5, N50 TON
			WIDTH (FOOT)	AREA (SQ YD)	INSIDE WIDTH (FOOT)	OUTSIDE WIDTH (FOOT)	AREA (SQ YD)			(1 APPLICATION) POUND	(2 APPLICATIONS) POUND	(2 APPLICATIONS)		(3 APPLICATIONS)			
												POUND	POUND				
I-280 EAST BOUND																	
	AGG SHLDR BEGINS																
Sta 62	+ 96.00 - 65 + 50.00 STA. 62+75	254	24	677.3	5' to 5'-2"	10.0	427.6	258.7			288.6		476.3				
Sta 65	+ 50.00 - 72 + 52.00	702	24	1872.0	4'-10" to 5'-3"	10.0	1179.4	507.0			796.1		1316.3				
Sta 72	+ 52.00 - 86 + 07.00	1355	24	3613.3	5'-4" to 6'-11"	10.0	2410.4	978.6	5423.4		1627.0		2540.6				
Sta 86	+ 07.00 - 89 + 70.00	363	24	968.0	7'-1" to 8'-7"	10.0	722.0	262.2	1624.4		487.3		907.5				
Sta 89	+ 70.00 - 94 + 28.00	458	24	1221.3	4.0	10.0	712.4	203.6	458.0		480.9		1145.0				
Sta 94	+ 28.00 - 96 + 18.00	190	24	506.7	4.0	10.0	295.6	84.4	190.0		199.5		475.0				
Sta 96	18.00 - 96 82.00	64	24	170.7	4.0	10.0	99.6				67.2		160.0				
Sta 96	+ 82.00 - 99 + 73.00	291	24-40	1034.7	4.0	10.0	452.7				305.6		960.3				
Sta 99	+ 73.00 - 103 + 42.00	369	40-60	2050.0	4.0	10.0	574.0				387.5		1411.4				
Sta 103	+ 42.00 - 112 + 30.00	888	24	2368.0	4.0	10.0	1381.3			621.6			1665.0				
Sta 112	+ 30.00 - 112 + 64.00	34	24	90.7	4.0	10.0	52.9			23.8			63.8				
Sta 112	+ 64.00 - 113 + 85.00	121	40-60	672.2	4.0	10.0	188.2			84.7			462.8				
Sta 113	+ 85.00 - 116 + 88.00	303	40	1346.7	4.0	10.0	471.3			212.1			931.7				
Sta 116	+ 88.00 - 118 + 79.00	191	40	848.9	4.0	10.0	297.1				200.6		783.1				
Sta 118	+ 79.00 - 120 + 05.00	126	40-68	756.0	4.0	10.0	196.0				132.3		519.8				
Sta 120	+ 5.00 - 127 + 41.00	736	24	1962.7	4.0	10.0	1144.9				772.8		1380.0				
Sta 127	+ 41.00 - 130 + 42.00	301	40-60	1672.2	4.0	10.0	468.2			210.7			1151.3				
Sta 130	+ 42.00 - 137 + 89.00	747	24	1992.0	4.0	10.0	1162.0				784.4		1400.6				
Sta 137	+ 89.00 - 138 + 49.00	60	24-40	213.3	4.0	10.0	93.3			42.0			148.5				
I-280 WEST BOUND																	
	AGG SHLDR BEGINS																
Sta 62	+ 96.00 - 65 + 50.00 STA. 62+75	254.0	24	677.3	5' to 5'-3"	10.0	426.7	183.4			288.0		476.3				
Sta 65	+ 50.00 - 72 + 52.00	702.0	24	1872.0	5'-2" to 7'-2"	10.0	1232.4	507.0			831.9		1316.3				
Sta 72	+ 52.00 - 86 + 07.00	1355.0	24	3613.3	5' to 7'-5"	10.0	2488.7	978.6			1679.9		2540.6				
Sta 86	+ 07.00 - 89 + 70.00	363.0	24	968.0	4'-3" to 6'-4"	10.0	599.0	262.2			404.3		907.5				
Sta 89	+ 70.00 - 91 + 47.00	177.0	24	472.0	4.0	10.0	275.3				185.9		331.9				
	TAPER / AGG SHLDR																
Sta 91	+ 47.00 - 99 + 26.00	779.0	24-40	2769.8	4.0	10.0	1211.8				818.0		1928.0				
Sta 99	+ 26.00 - 101 + 73.00	247.0	40-60	1372.2	4.0	10.0	384.2				259.4		1259.7				
Sta 101	+ 73.00 - 108 + 45.00	672.0	24	1792.0	4.0	10.0	1045.3			470.4			1260.0				
Sta 108	+ 45.00 - 109 + 63.00	118.0	40-68	708.0	4.0	10.0	183.6			82.6			486.8				
Sta 109	+ 63.00 - 112 + 30.00	267.0	40	1186.7	4.0	10.0	415.3			186.9			821.0				
Sta 112	+ 30.00 - 114 + 97.00	267.0	40	1186.7	4.0	10.0	415.3			186.9			821.0				
Sta 114	+ 97.00 - 116 + 35.00	138.0	40-60	766.7	4.0	10.0	214.7			96.6			527.9				
Sta 116	+ 35.00 - 116 + 88.00	53.0	24	141.3	4.0	10.0	82.4			37.1			99.4				
Sta 116	+ 88.00 - 125 + 68.00	880.0	24	2346.7	4.0	10.0	1368.9			616.0			1650.0				
Sta 125	+ 68.00 - 129 + 72.00	404.0	40-64	2334.2	4.0	10.0	628.4			282.8			1605.9				
Sta 129	+ 72.00 - 132 + 81.00	309.0	24-40	1098.7	4.0	10.0	480.7			216.3			764.8				
Sta 132	+ 81.00 - 138 + 49.00	568.0	24	1514.7	4.0	10.0	883.6				596.4		1420.0	77.8	300.0		
I-280 TO IL 92 NB																	
Sta 7	+ 05.00 - 25 + 26.00	1821.00	16	3237	4.0	8.0	2428.0				3824.1					492.9	
IL 92 SB TO I-280 WB																	
Sta 4	+ 63.00 - 17 + 60.00	1297.00	16	2306	4.0	8.0	1729.3				2723.7					351.1	
I-280 WB TO IL 92 SB																	
Sta 5	+ 16.00 - 13 + 41.00	825.00	16	1467	4.0	8.0	1100.0				1732.5					223.3	
IL 92 NB TO I-280 WB																	
Sta 6	+ 69.00 - 21 + 81.00	1512.00	16	2688	4.0	8.0	2016.0				3175.2					409.2	
I-280 EB TO IL 92 SB																	
Sta 6	+ 56.00 - 24 + 25.00	1769.00	16	3145	4.0	8.0	2358.7				3714.9					478.8	
IL 92 SB TO I-280 EB																	
Sta 5	+ 09.00 - 18 + 50.00	1341.00	16	2384	4.0	8.0	1788.0				2816.1					363.0	
I-280 EB TO IL 92 NB																	
Sta 5	+ 54.00 - 13 + 77.00	823.00	16	1463	4.0	8.0	1097.3				1728.3					222.8	
IL 92 NB TO I-280 EB																	
Sta 6	+ 52.00 - 19 + 98.00	1346.00	16	2393	4.0	8.0	1794.7				2826.6					364.3	
TOTAL								3,967	7,696	3,371	33,846	27,622	8,018	78	300	2,905	

USER NAME = BARTONRW	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = Aug-19-2020 08:11:18 AM	DATE -	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1)JD&(81-1,81-1-2)RS-1	ROCK ISLAND	306	30
CONTRACT NO. 64F78			ILLINOIS FED. AID PROJECT	

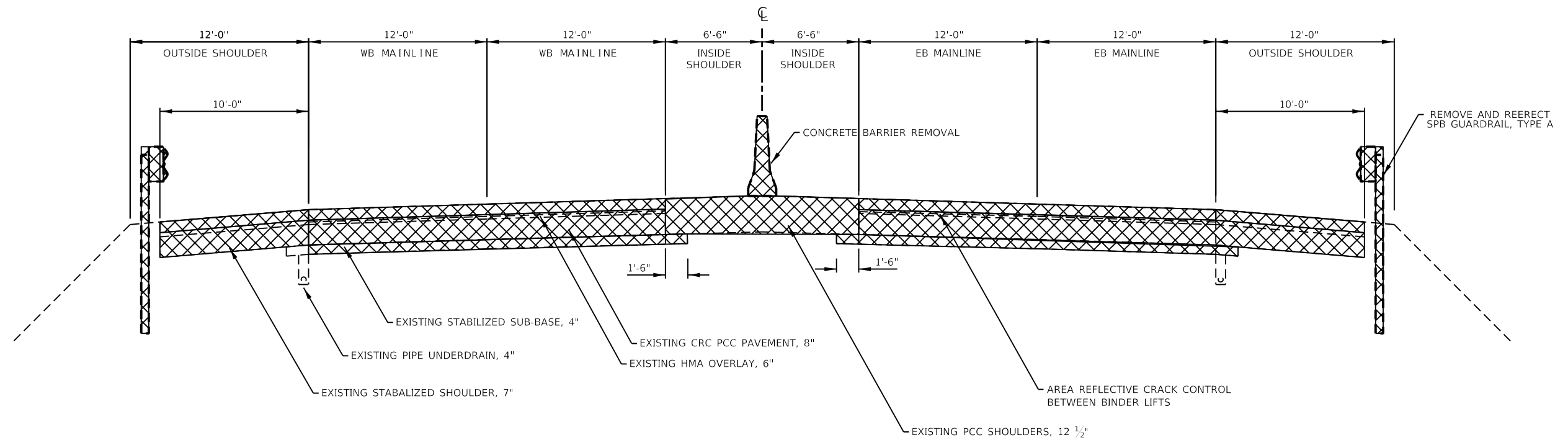






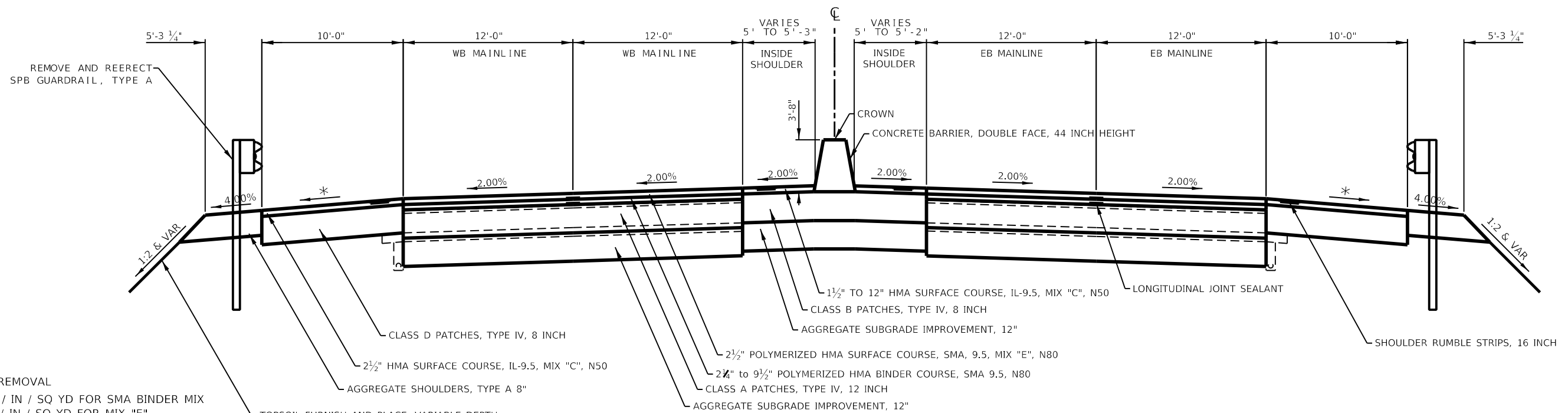
**EXISTING TYPICAL & PROPOSED REMOVAL  
EASTBOUND & WESTBOUND**

STA 62+96 - STA 65+50



**PROPOSED TYPICAL RESURFACING  
EASTBOUND & WESTBOUND**

STA 62+96 - STA 65+50



[X] REMOVAL  
 119# / IN / SQ YD FOR SMA BINDER MIX  
 119# / IN / SQ YD FOR MIX "E"  
 112# / IN / SQ YD FOR ALL OTHER MIXES  
 \* MATCH EXISTING CROSS SLOPE UNLESS  
 SHOWN OTHERWISE IN THE CROSS SECTIONS

USER NAME = BARTONRW	DESIGNED - TJ	REVISED -
DRAWN - SV	REVISIONS -	
PLOT SCALE = 8.00559" / in.	CHECKED - RWB	REVISED -
PLOT DATE = Aug-19-2020 08:20:10 AM	DATE - 6/6/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

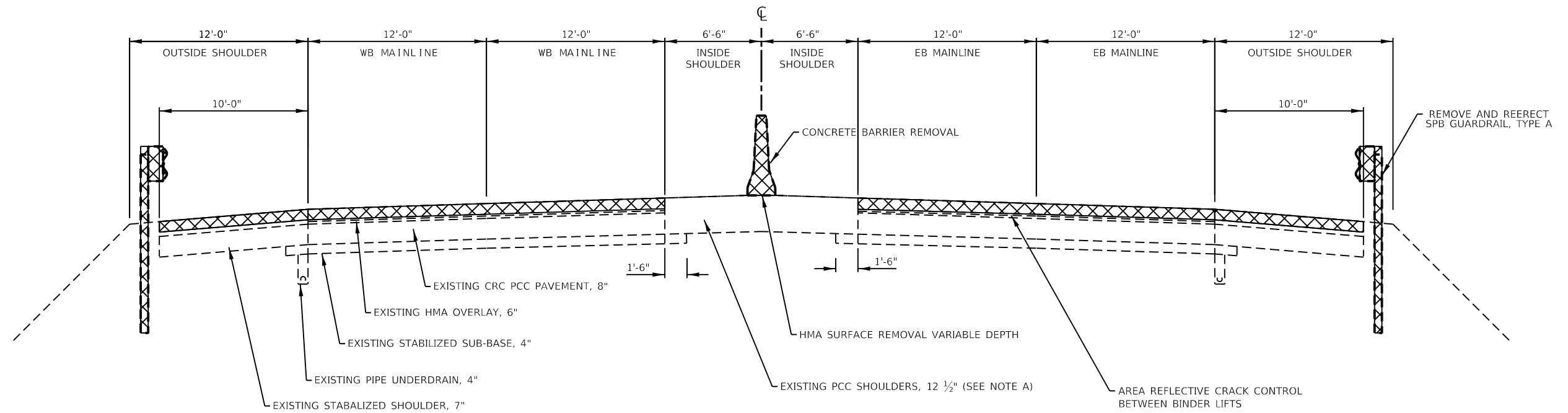
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1, 81-1-2)RS-	ROCK ISLAND	306	33
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

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 DATE: ...

**EXISTING TYPICAL & PROPOSED REMOVAL**

**EASTBOUND & WESTBOUND**

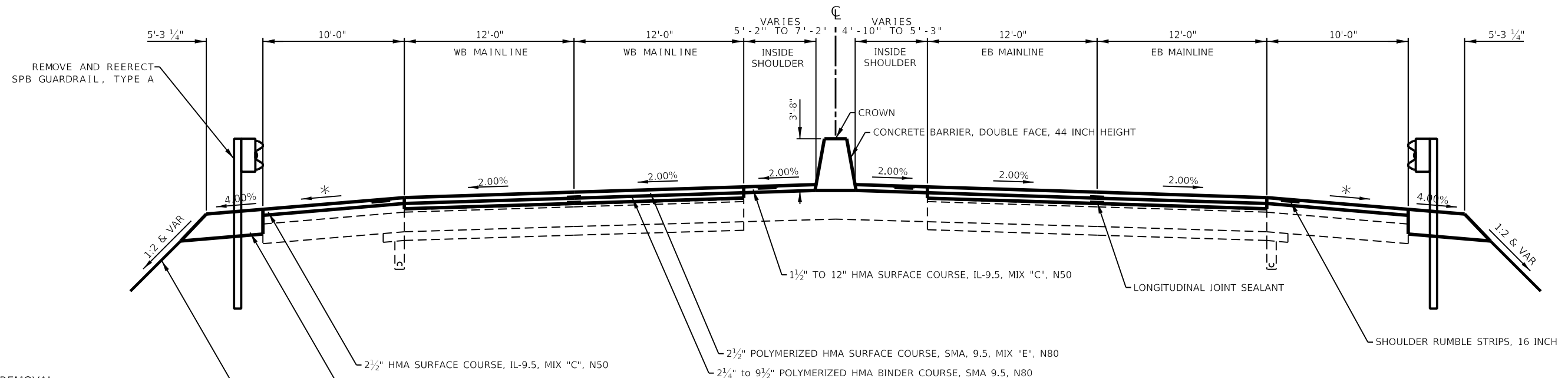
STA 65+50 - STA 72+52



**PROPOSED TYPICAL RESURFACING**

**EASTBOUND & WESTBOUND**

STA 65+50 - STA 72+52



- ☒ REMOVAL
- 119# / IN / SQ YD FOR SMA BINDER MIX
- 119# / IN / SQ YD FOR MIX "E"
- 112# / IN / SQ YD FOR ALL OTHER MIXES
- \* MATCH EXISTING CROSS SLOPE UNLESS SHOWN OTHERWISE IN THE CROSS SECTIONS

- NOTES:**
- A) EXISTING PCC SHOULDERS ENDS AT STA. 72+20
  - B) EXISTING HMA SHOULDERS BEGINS AT STA. 72+20

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 CHECKED: RWB  
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 PLOT DATE: Aug-19-2020 11:11:17 AM  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

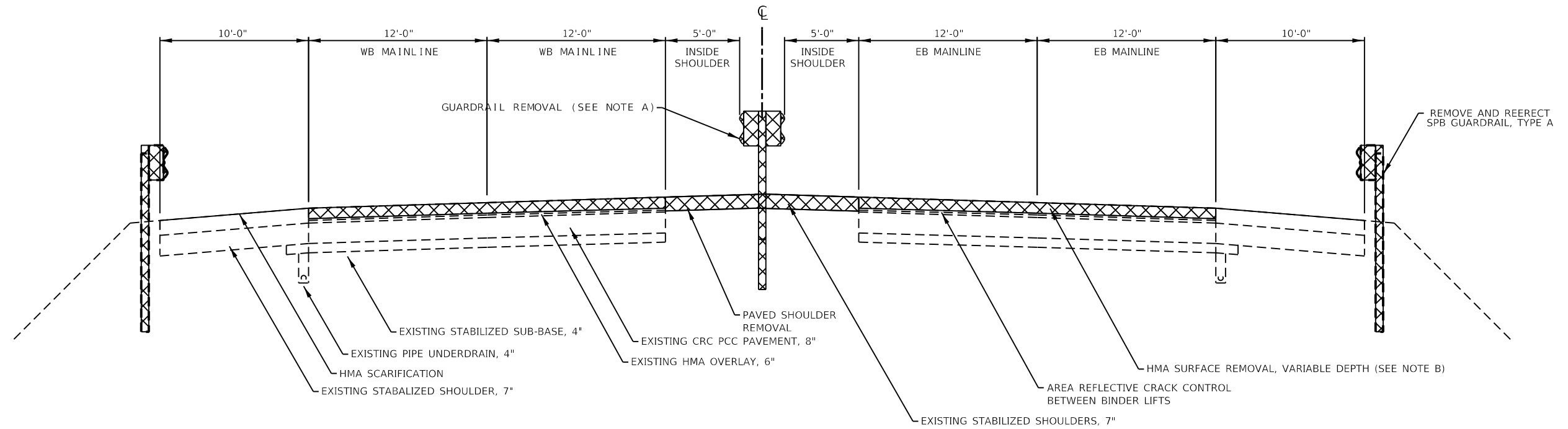
TYPICAL SECTIONS

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B)D&(81-1-1, 81-1-2)RS-	ROCK ISLAND	306	34
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

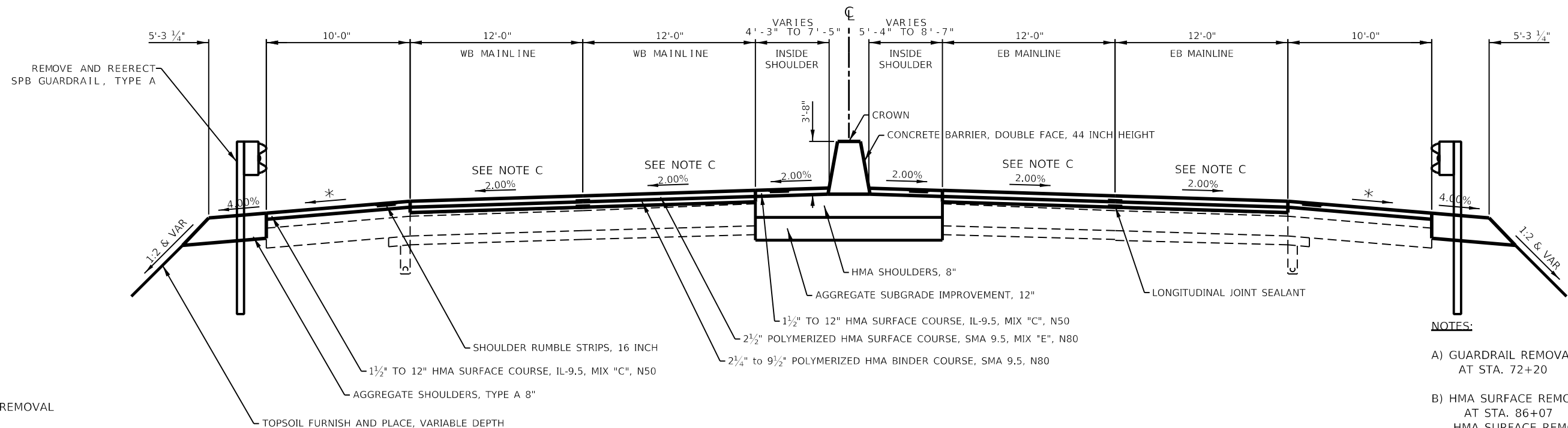
**EXISTING TYPICAL & PROPOSED REMOVAL  
EASTBOUND & WESTBOUND**

STA 72+52 - STA 89+70



**PROPOSED TYPICAL RESURFACING  
EASTBOUND & WESTBOUND**

STA 72+52 - STA 89+70



**NOTES:**

- A) GUARDRAIL REMOVAL BEGINS AT STA. 72+20
- B) HMA SURFACE REMOVAL, VARIABLE DEPTH ENDS AT STA. 86+07  
HMA SURFACE REMOVAL, 2 1/4" BEGINS AT STA. 86+07
- C) SE = 3.03% FROM STA 87+89 TO STA 99+65  
TRANSITION FROM STA 86+07 TO STA 88+35  
TRANSITION FROM STA 99+19 TO STA 101+02

☒ REMOVAL

119# / IN / SQ YD FOR SMA BINDER MIX  
119# / IN / SQ YD FOR MIX "E"  
112# / IN / SQ YD FOR ALL OTHER MIXES  
\* MATCH EXISTING CROSS SLOPE UNLESS SHOWN OTHERWISE IN THE CROSS SECTIONS

USER NAME = BARTONRW	DESIGNED - TJ	REVISED -
DRAWN - SV	REVISIONS -	
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PLOT DATE = Aug-19-2020 08:20:36 AM	DATE - 6/6/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1, 81-1-2)RS-	ROCK ISLAND	306	35
CONTRACT NO. 64F78			ILLINOIS FED. AID PROJECT	

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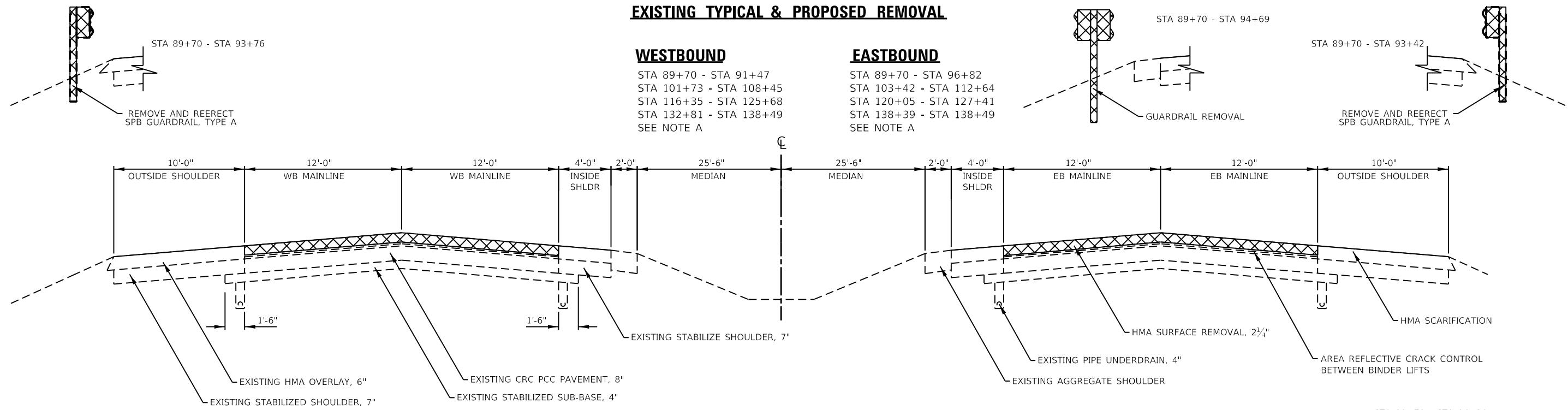
**EXISTING TYPICAL & PROPOSED REMOVAL**

**WESTBOUND**

STA 89+70 - STA 91+47  
 STA 101+73 - STA 108+45  
 STA 116+35 - STA 125+68  
 STA 132+81 - STA 138+49  
 SEE NOTE A

**EASTBOUND**

STA 89+70 - STA 96+82  
 STA 103+42 - STA 112+64  
 STA 120+05 - STA 127+41  
 STA 138+39 - STA 138+49  
 SEE NOTE A



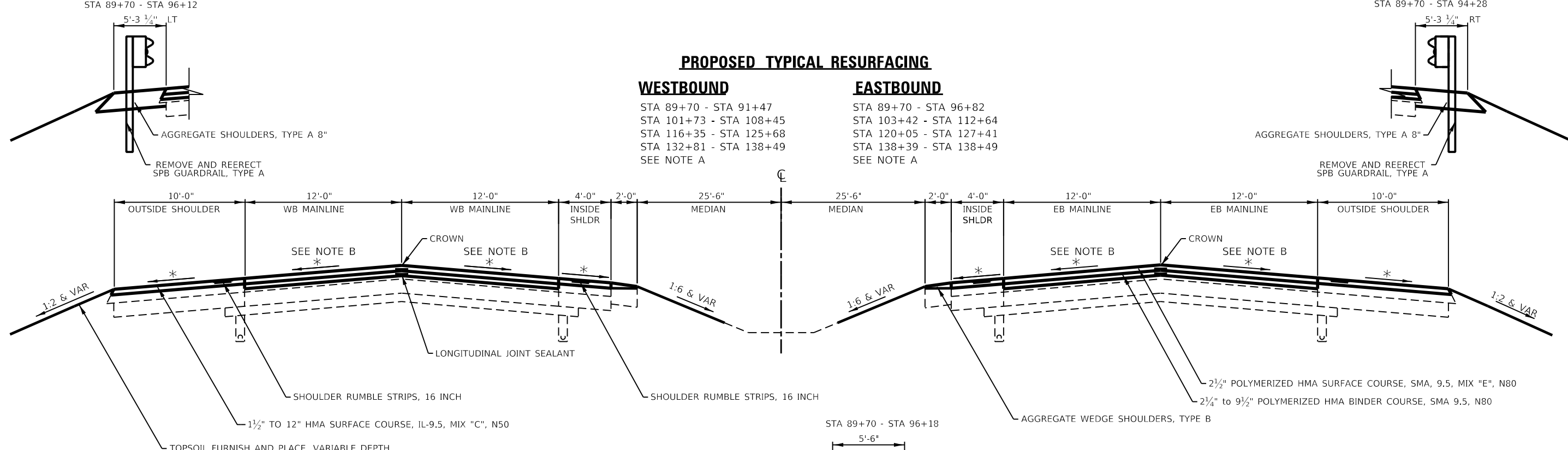
**PROPOSED TYPICAL RESURFACING**

**WESTBOUND**

STA 89+70 - STA 91+47  
 STA 101+73 - STA 108+45  
 STA 116+35 - STA 125+68  
 STA 132+81 - STA 138+49  
 SEE NOTE A

**EASTBOUND**

STA 89+70 - STA 96+82  
 STA 103+42 - STA 112+64  
 STA 120+05 - STA 127+41  
 STA 138+39 - STA 138+49  
 SEE NOTE A



- ☒ REMOVAL
- 119# / IN / SQ YD FOR SMA BINDER MIX
- 119# / IN / SQ YD FOR MIX "E"
- 112# / IN / SQ YD FOR ALL OTHER MIXES
- \* MATCH EXISTING CROSS SLOPE UNLESS SHOWN OTHERWISE IN THE CROSS SECTIONS

NOTES: HMA SURFACE COURSE MIX "C" SHALL BE PAVED THE FULL 4' WIDTH FIRST AND THEN MILLED VARIABLE DEPTH 3' WIDE TO THE TOP OF THE HMA SHOULDER 8"

- NOTES:**
- A) TRANSITION SEGMENT TO EXISTING SUPER ELEVATION FROM STA. 138+39 TO STA 138+49
  - B) SE = 3.03% FROM STA 87+89 TO STA 99+65  
 TRANSITION FROM STA 86+07 TO STA 88+35  
 TRANSITION FROM STA 99+19 TO STA 101+02
  - SE = 2.61% FROM STA 116+74 TO STA 152+74  
 TRANSITION FROM STA 115+48 TO STA 117+13

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1, 81-1-2)RS-	ROCK ISLAND	306	36
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

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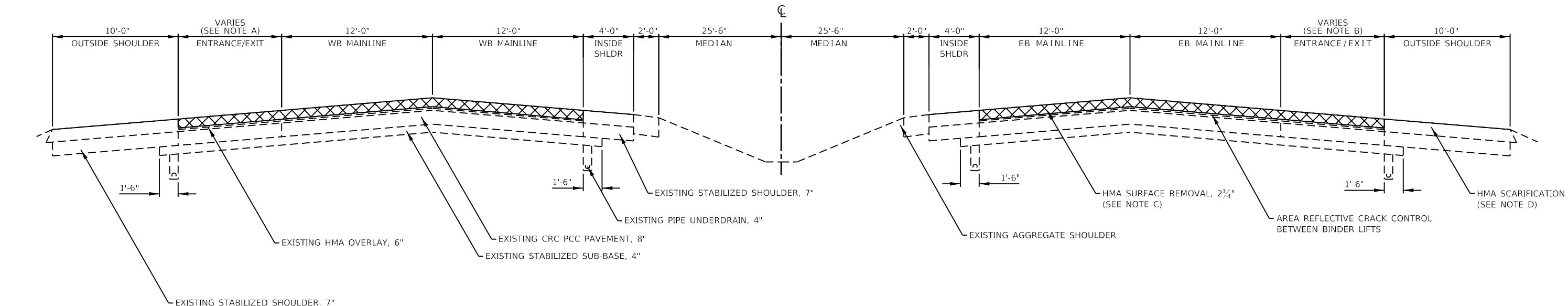
**EXISTING TYPICAL & PROPOSED REMOVAL**

**WESTBOUND**

STA 91+47 - STA 101+73  
 STA 108+45 - STA 116+35  
 STA 125+68 - STA 132+81

**EASTBOUND**

STA 96+82 - STA 103+42  
 STA 112+64 - STA 120+05  
 STA 127+41 - STA 137+77



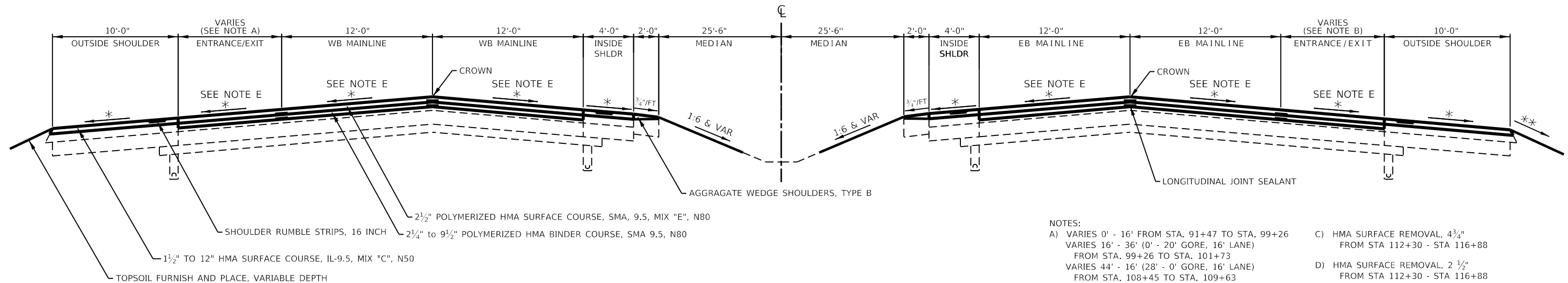
**PROPOSED TYPICAL RESURFACING**

**WESTBOUND**

STA 91+47 - STA 101+73  
 STA 108+45 - STA 116+35  
 STA 125+68 - STA 132+81

**EASTBOUND**

STA 96+82 - STA 103+42  
 STA 112+64 - STA 120+05  
 STA 127+41 - STA 138+39



**NOTES:**

- A) VARIES 0' - 16' FROM STA. 91+47 TO STA. 99+26  
 VARIES 16' - 36' (0' - 20' GORE, 16' LANE)  
 FROM STA. 99+26 TO STA. 101+73  
 VARIES 44' - 16' (28' - 0' GORE, 16' LANE)  
 FROM STA. 108+45 TO STA. 109+63  
 VARIES 16' - 36' (0' - 20' GORE, 16' LANE)  
 FROM STA. 114+97 TO STA. 116+35  
 VARIES 40' - 16' (24' - 0' GORE, 16' LANE)  
 FROM STA. 125+68 TO STA. 129+72  
 VARIES 16' - 0' FROM STA. 129+72 - 132+81
- B) VARIES 0' - 16' STA. 96+82 TO STA. 99+73  
 VARIES 16' - 36' (0' - 20' GORE, 16' LANE)  
 FROM STA. 99+73 TO STA. 103+42  
 VARIES 36' - 16' (20' - 0' GORE, 16' LANE)  
 FROM STA. 112+64 TO STA. 113+85  
 VARIES 16' - 44' (0' - 28' GORE, 16' LANE)  
 FROM STA. 118+79 TO STA. 120+05  
 VARIES 36' - 16' STA. (20' - 0' GORE, 16' LANE)  
 FROM STA. 127+41 TO STA. 130+42  
 VARIES 16' - 0' STA. 130+42 TO STA. 138+39
- C) HMA SURFACE REMOVAL, 4 3/4"  
 FROM STA 112+30 - STA 116+88
- D) HMA SURFACE REMOVAL, 2 1/2"  
 FROM STA 112+30 - STA 116+88
- E) SE = 3.03% FROM STA 87+89 TO STA 99+65  
 TRANSITION FROM STA 86+07 TO STA 88+35  
 TRANSITION FROM STA 99+19 TO STA 101+02  
 SE = 2.61% FROM STA 116+74 TO STA 152+74  
 TRANSITION FROM STA 115+48 TO STA 117+13

☒ REMOVAL

- 119# / IN / SQ YD FOR SMA BINDER MIX
- 119# / IN / SQ YD FOR MIX "E"
- 112# / IN / SQ YD FOR ALL OTHER MIXES
- \* MATCH EXISTING CROSS SLOPE UNLESS SHOWN OTHERWISE IN THE CROSS SECTIONS

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 DESIGNED - TJ  
 DRAWN - SV  
 CHECKED - RWB  
 DATE - 6/6/2019  
 REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

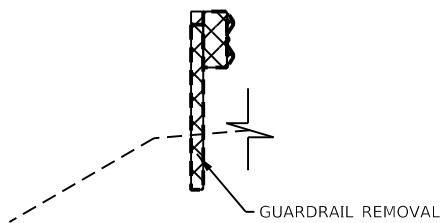
**TYPICAL SECTIONS**

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&S(81-1-1, 81-1-2)RS-1	ROCK ISLAND	306	37
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

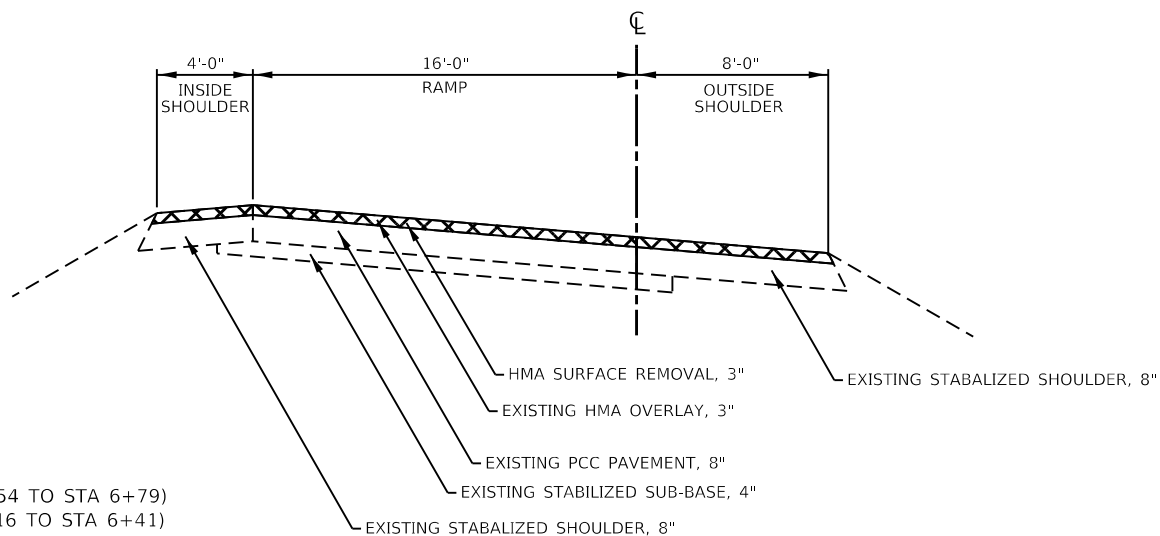
**EXISTING TYPICAL RAMP RESURFACING**

IL 92 RAMP  
 I-280 WB TO IL92 SB STA 10+53 TO STA 12+98  
 IL92 NB TO I-280 WB STA 5+50 TO STA 7+00



**IL92 TO I-280**

IL92 NB TO I-280 WB (STA 4+63 TO STA 17+60)  
 IL92 NB TO I-280 EB (STA 6+69 TO STA 21+81)  
 IL92 SB TO I-280 WB (STA 6+52 TO STA 19+98)  
 IL92 SB TO I-280 EB (STA 5+09 TO STA 18+50)

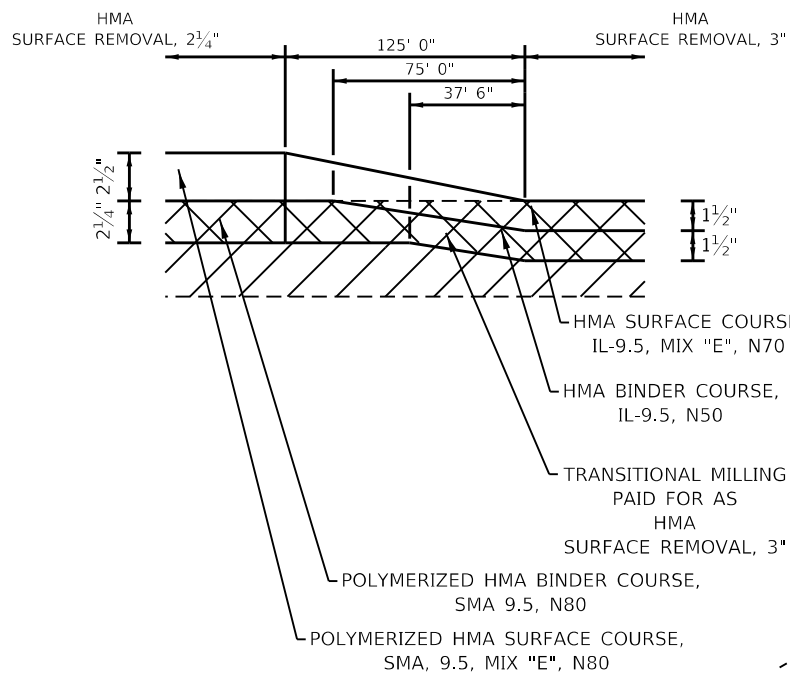


**I-280 TO IL92**

I-280 WB IL92 NB (STA 7+05 TO STA 25+26)  
 I-280 WB IL92 SB (STA 5+54 TO STA 13+41)  
 I-280 EB IL92 NB (STA 5+16 TO STA 13+77)  
 I-280 EB IL92 SB (STA 6+56 TO STA 24+25)

**TRANSITIONS - RAMP**  
 IL92 NB TO IL-280 EB (STA 20+56 TO STA 21+81)  
 IL92 SB TO IL-280 WB (STA 18+73 TO STA 19+88)  
 I-280 WB TO IL92 NB (STA 7+05 TO STA 8+30)

I-280 WB TO IL92 SB (STA 5+54 TO STA 6+79)  
 I-280 EB TO IL92 NB (STA 5+16 TO STA 6+41)  
 I-280 EB TO IL92 SB (STA 6+56 TO STA 7+81)



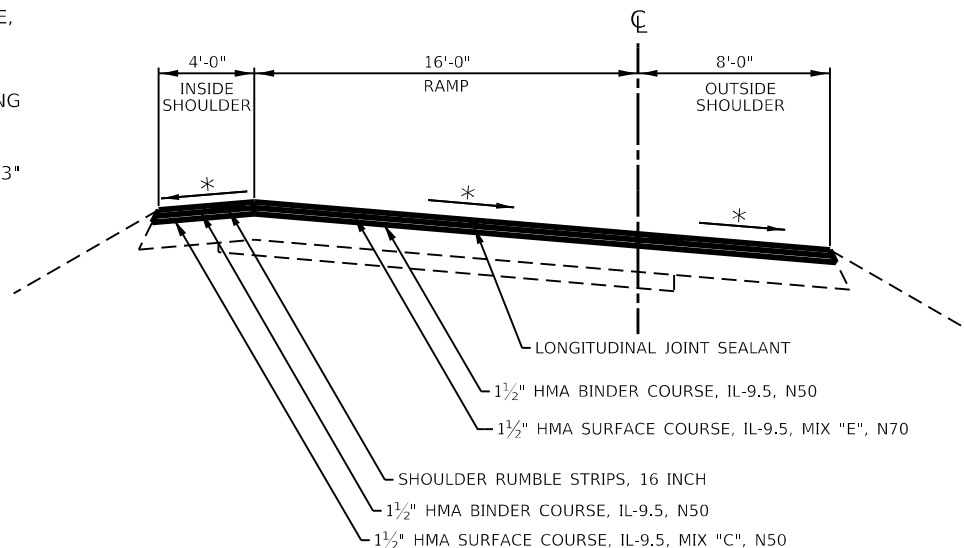
**PROPOSED TYPICAL RAMP RESURFACING**

**IL92 TO I-280**

IL92 NB TO I-280 WB (STA 4+63 TO STA 17+60)  
 IL92 NB TO I-280 EB (STA 6+69 TO STA 21+81)  
 IL92 SB TO I-280 WB (STA 6+52 TO STA 19+98)  
 IL92 SB TO I-280 EB (STA 5+09 TO STA 18+50)

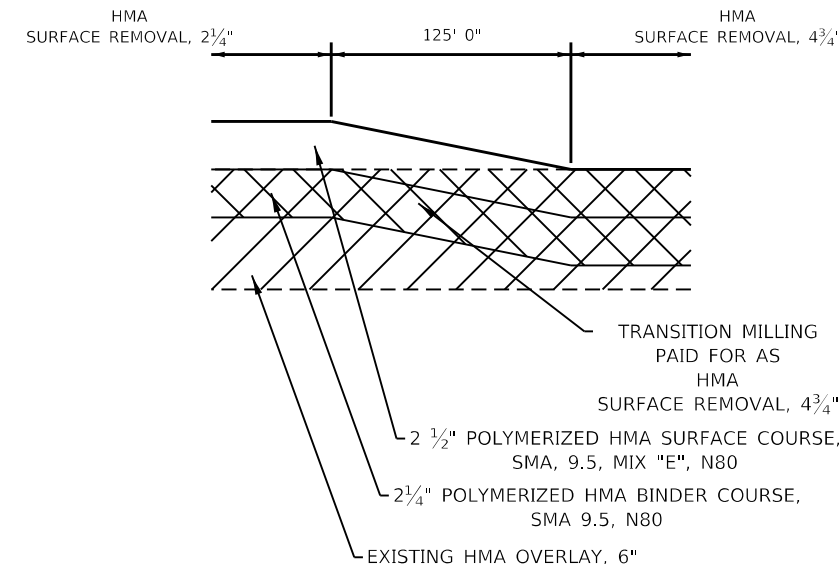
**I-280 TO IL92**

I-280 WB IL92 NB (STA 7+05 TO STA 25+26)  
 I-280 WB IL92 SB (STA 5+54 TO STA 13+41)  
 I-280 EB IL92 NB (STA 5+16 TO STA 13+77)  
 I-280 EB IL92 SB (STA 6+56 TO STA 24+25)



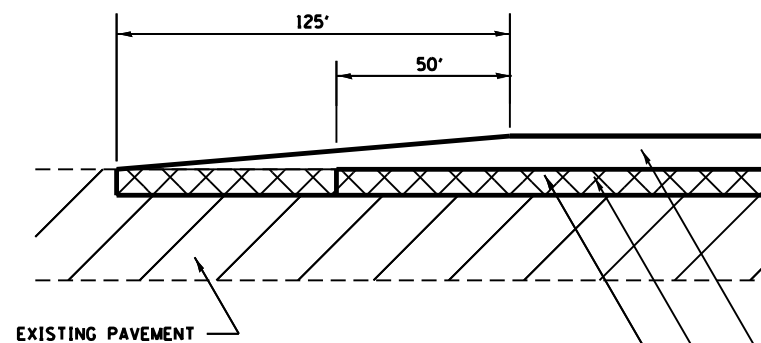
**TRANSITION - MAINLINE I-280**

STA 111+05 - STA 112+30  
 STA 116+88 - STA 118+13



**BUTT JOINT I-280 MAINLINE**

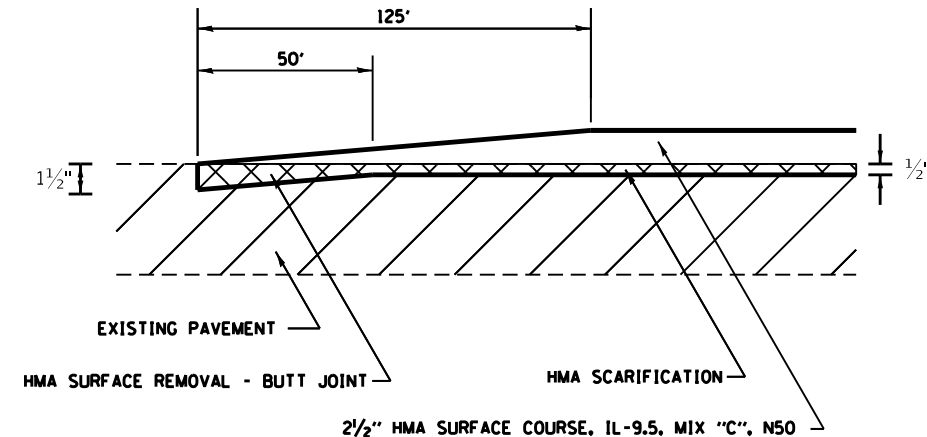
STA 137+24 - STA 138+49



HMA SURFACE REMOVAL, 2 1/4"  
 2 1/4" POLYMERIZED HMA BINDER COURSE, SMA 9.5, N80  
 2 1/2" POLYMERIZED HMA SURFACE COURSE, SMA 9.5, MIX "E", N80

**BUTT JOINT I-280 SHOULDER**

STA 137+24 - STA 138+49



**REMOVAL**  
 119# / IN / SQ YD FOR SMA BINDER MIX  
 119# / IN / SQ YD FOR MIX "E"  
 112# / IN / SQ YD FOR ALL OTHER MIXES  
 \* MATCH EXISTING CROSS SLOPE UNLESS SHOWN OTHERWISE IN THE CROSS SECTIONS

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 DATE: 6/6/2019

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

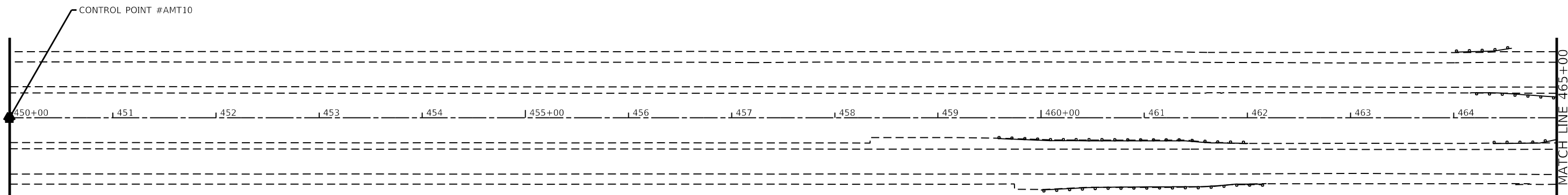
**TYPICAL SECTIONS**

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1, 81-1-2)RS-	ROCK ISLAND	306	38
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
EXI280	AMT200	MT200	1	2	3
EXI280	A044350	044350	44351	44352	44353
EXI280	A044360	044360	44361	44362	44363
EXI280	A044370	044370	44371	44372	44373

CONTROL POINT #GPS21



BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
479	1751382.2710	2170656.3870	580.4050	EXI280	64+42.3463 R 2	50.7449' LT	BOLT, CHISELED "X"
481	1748589.6620	2173090.5320	566.7750	EXI280	101+51.4331 R	21.2617' LT	BOLT, CHISELED "X"
1401	1751515.6290	2170513.3400	586.3450	EXI280	62+47.0426 R 2	40.5834' LT	WALL, CHISELED SQUARE

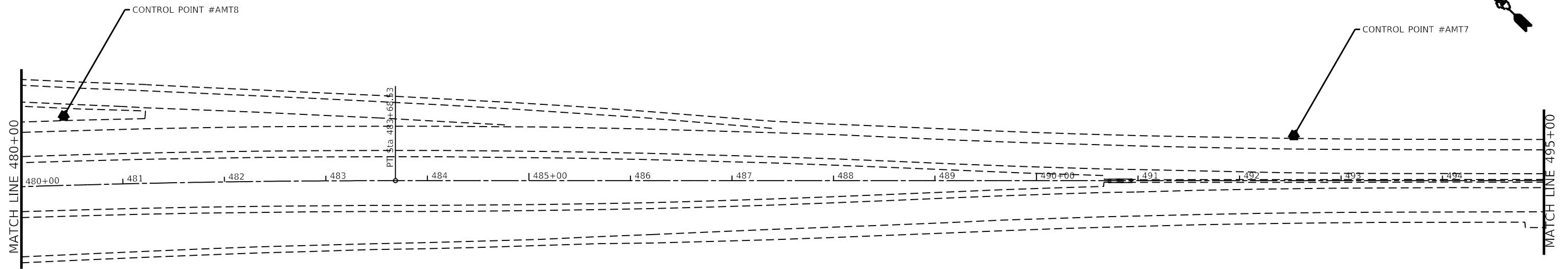
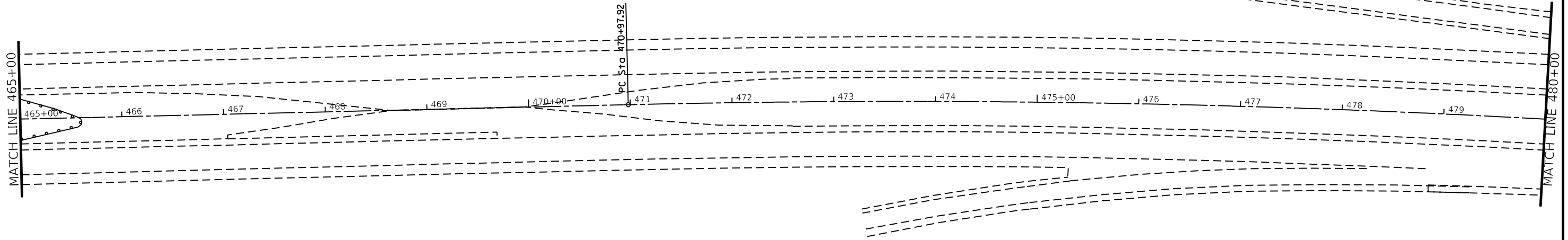
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>I-280 HORIZONTAL &amp; VERTICAL CONTROLS</b>			
SCALE:	SHEET 1	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-18)D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	39
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



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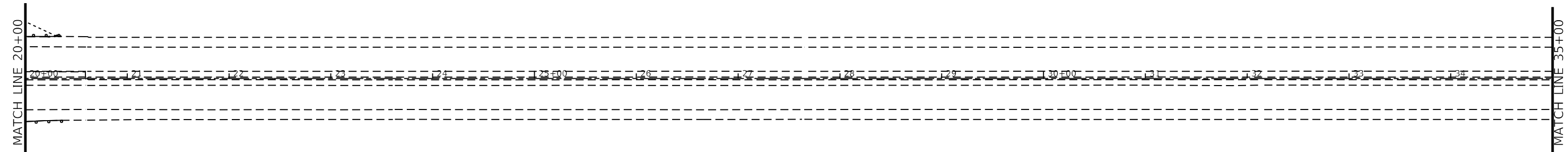
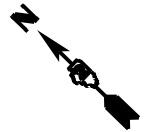
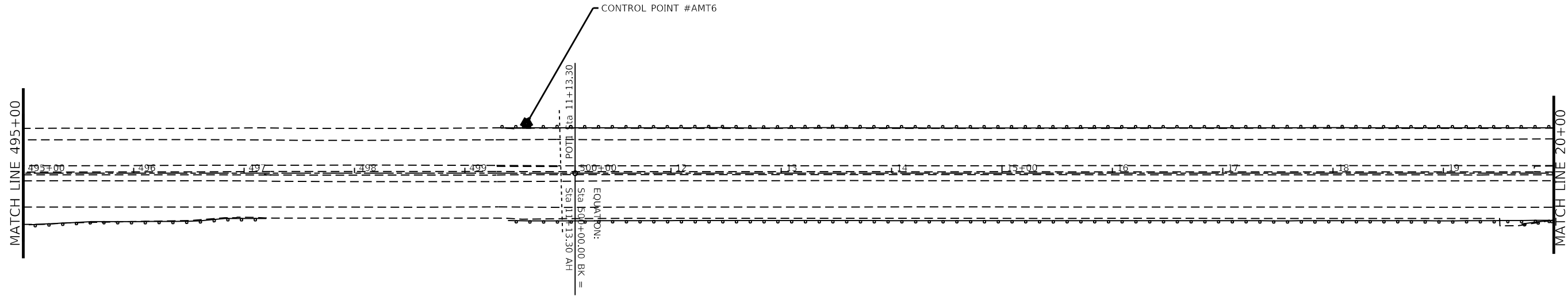
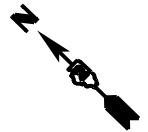
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>I-280</b>	
<b>HORIZONTAL &amp; VERTICAL CONTROLS</b>	
SCALE:	SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-18)D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	40
		64F78		
ILLINOIS FED. AID PROJECT				





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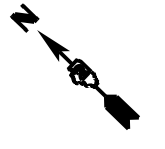
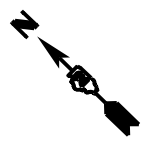
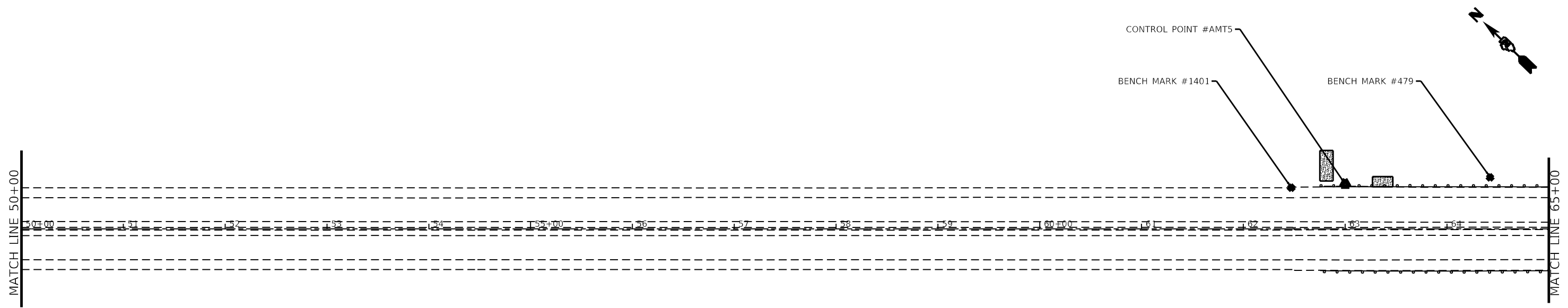
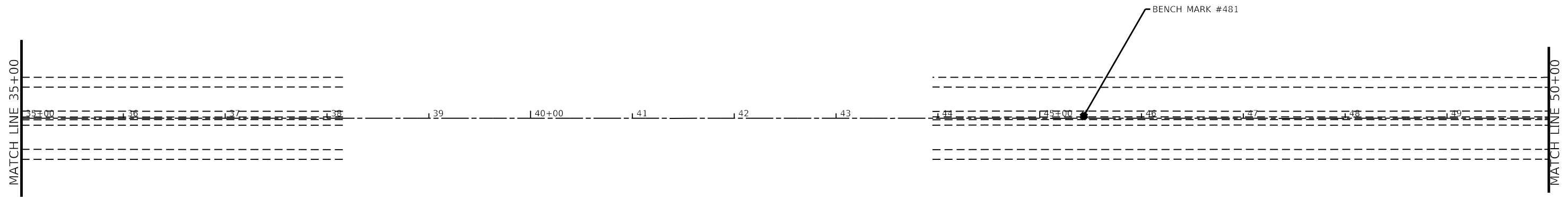
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>I-280</b>			
<b>HORIZONTAL &amp; VERTICAL CONTROLS</b>			
SCALE:	SHEET 3	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-18)D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	41
			64F78	
			ILLINOIS FED. AID PROJECT	

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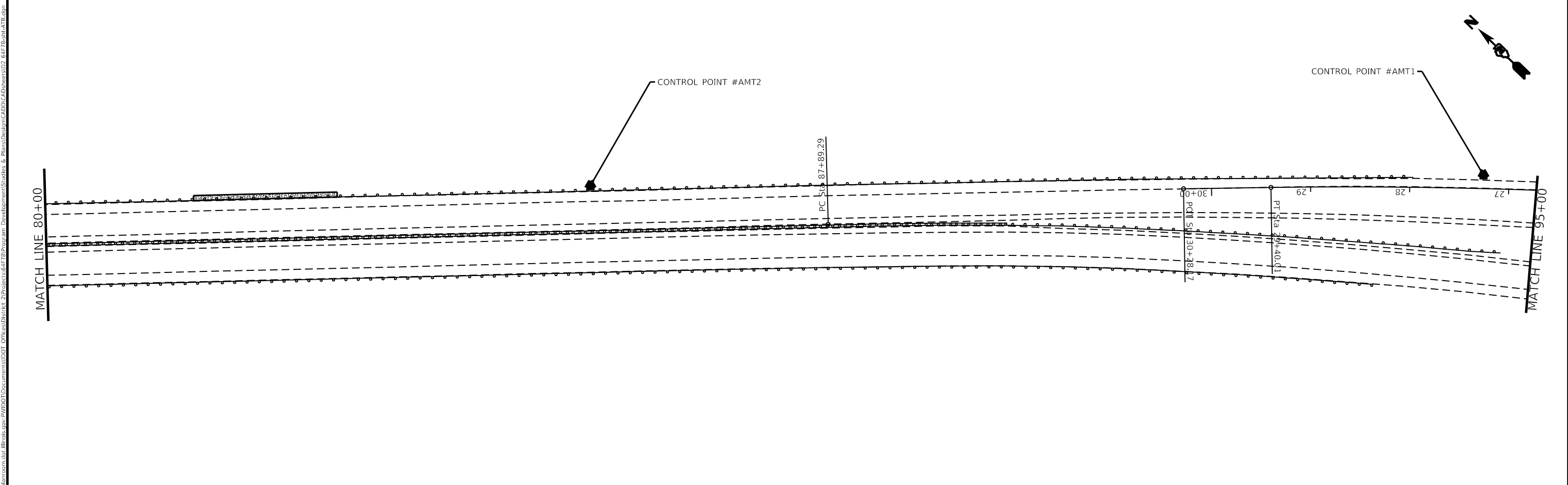
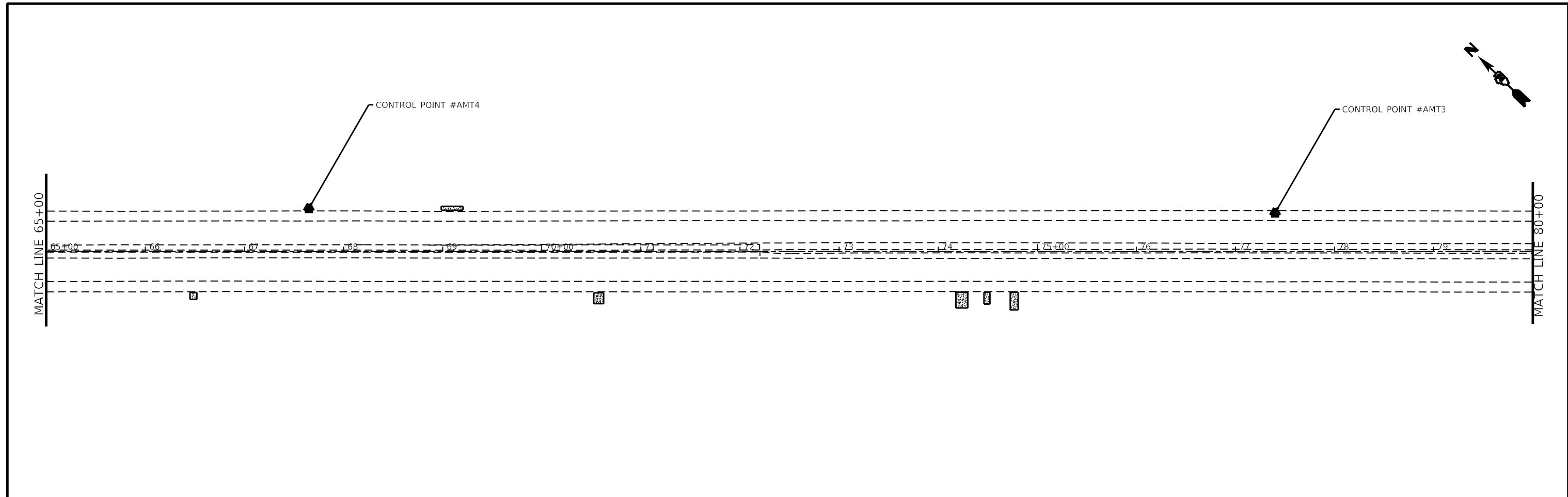
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

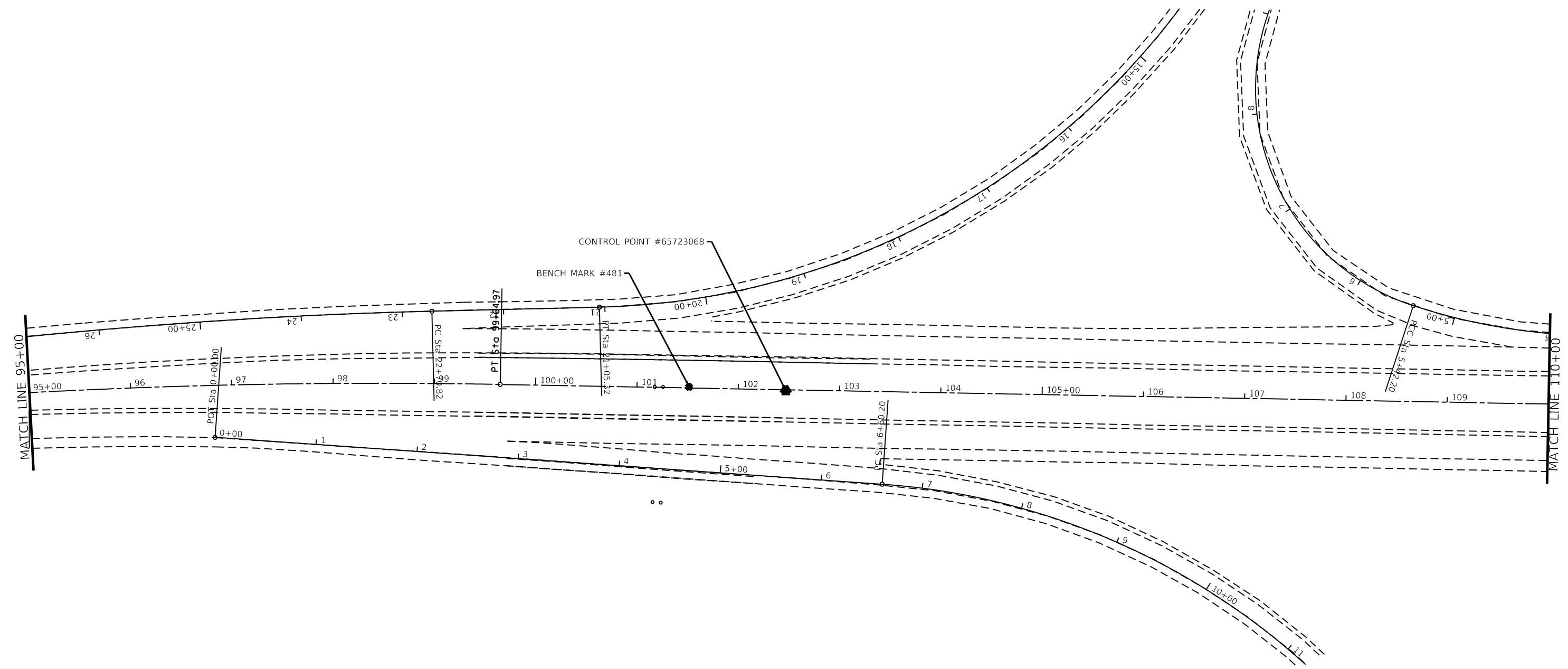
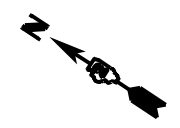
<b>I-280</b>			
<b>HORIZONTAL &amp; VERTICAL CONTROLS</b>			
SCALE:	SHEET 4	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-18)D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	42
		64F78		
ILLINOIS FED. AID PROJECT				

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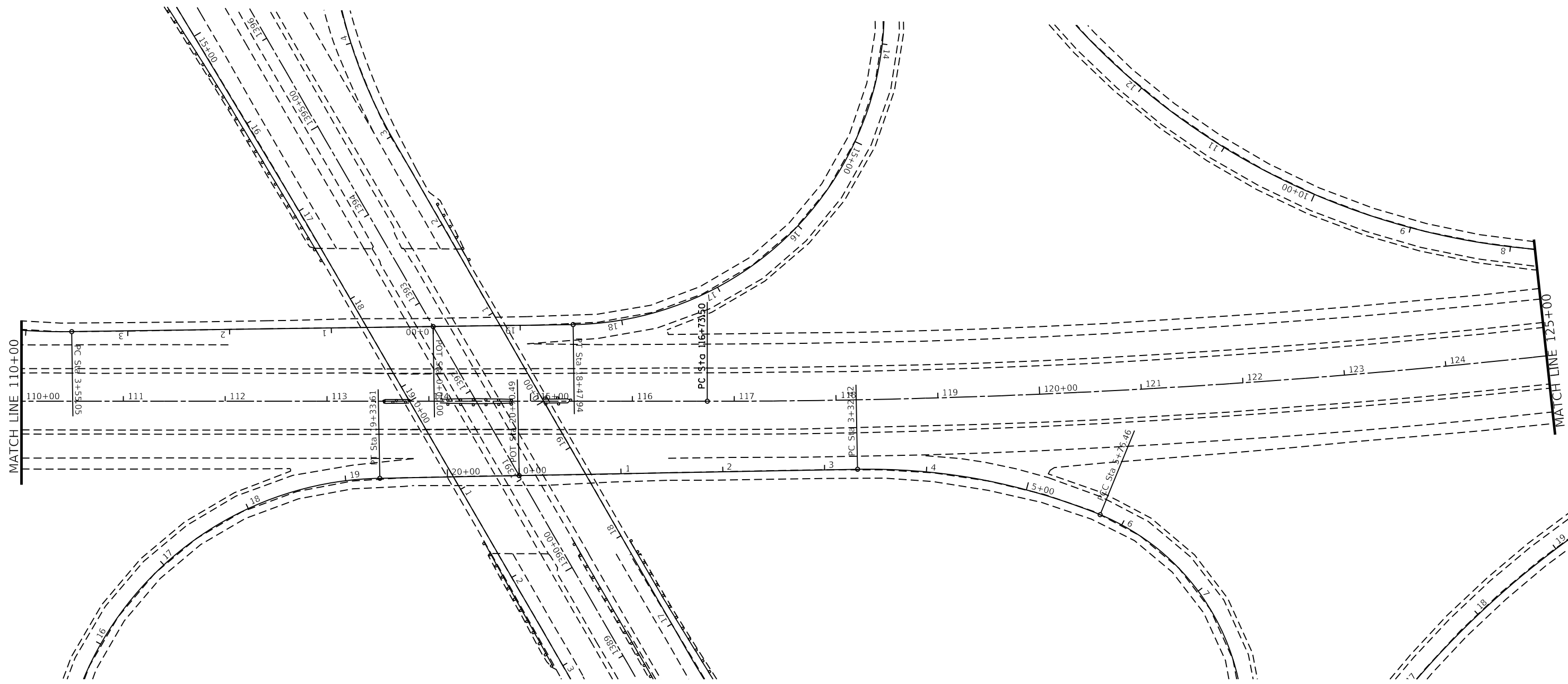


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	DRAWN -	REVISED -		280	(81-18)D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	43		
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	DATE -	REVISED -		SCALE:	SHEET 5	OF 10	SHEETS	STA.	TO STA.	



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SCALE: SHEET 6 OF 10 SHEETS STA. TO STA.						ILLINOIS FED. AID PROJECT							



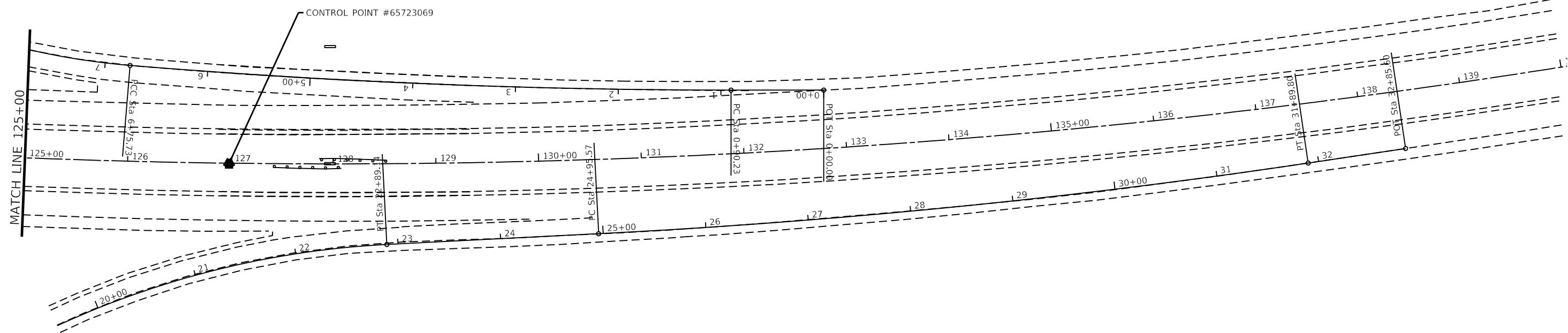
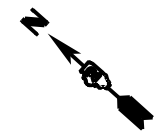
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 OFFICE: CHICAGO  
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>I-280</b>			
<b>HORIZONTAL &amp; VERTICAL CONTROLS</b>			
SCALE:	SHEET 7	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-18)D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	45
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



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	CHECKED -	REVISED -		CONTRACT NO. 64F78						
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						
			SCALE:	SHEET 8	OF 10 SHEETS	STA.	TO STA.			

Chain EXI280 contains:  
 AMT10 CUR AMT200 A04451 CUR A044350 CUR A044360 CUR A044370

Beginning chain EXI280 description  
 =====

Point AMT10 N 1,758,551.7645 E 2,163,233.9730 Sta 450+00.0000

Course from AMT10 to PC AMT200 129° 36' 35.9917" Dist 2,097.9161'

Curve Data  
 \*-----\*

Curve AMT200  
 P.I. Station 477+33.8740 N 1,756,808.7601 E 2,165,340.1550  
 Delta = 6° 21' 38.7573" (RT)  
 Degree = 0° 30' 02.1872"  
 Tangent = 635.9579'  
 Length = 1,270.6092'  
 Radius = 11,445.2486'  
 External = 17.6550'  
 Long Chord = 1,269.9569'  
 Mid. Ord. = 17.6278'  
 P.C. Station 470+97.9161 N 1,757,214.2204 E 2,164,850.2117  
 P.T. Station 483+68.5253 N 1,756,351.5157 E 2,165,782.1619  
 C.C. N 1,748,396.7780 E 2,157,553.1970

Course from PT AMT200 to A04451 135° 58' 14.7491" Dist 1,631.4747'

Equation: Sta 500+00.0000 (BK) = Sta 11+13.2974 (AH) -----  
 End Region 1  
 Begin Region 2

Point A04451 N 1,755,178.5095 E 2,166,916.0781 Sta 11+13.2974

Course from A04451 to PC A044350 135° 58' 14.7491" Dist 7,675.9965'

Curve Data  
 \*-----\*

Curve A044350  
 P.I. Station 93+78.7787 N 1,749,235.7504 E 2,172,660.7971  
 Delta = 10° 29' 35.5179" (RT)  
 Degree = 0° 53' 33.0985"  
 Tangent = 589.4848'  
 Length = 1,175.6726'  
 Radius = 6,419.4984'  
 External = 27.0086'  
 Long Chord = 1,174.0302'  
 Mid. Ord. = 26.8954'  
 P.C. Station 87+89.2939 N 1,749,659.5813 E 2,172,251.0902  
 P.T. Station 99+64.9665 N 1,748,744.3921 E 2,172,986.4647  
 C.C. N 1,745,197.8673 E 2,167,635.5655

Course from PT A044350 to PC A044360 146° 27' 50.2669" Dist 1,708.5359'

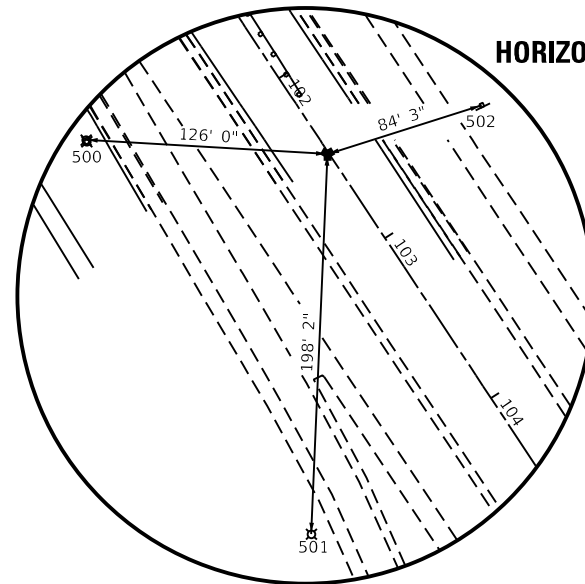
Curve Data  
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Curve A044360  
 P.I. Station 135+08.0274 N 1,745,791.1144 E 2,174,943.8689  
 Delta = 27° 01' 42.6484" (LT)  
 Degree = 0° 45' 02.2845"  
 Tangent = 1,834.5250'  
 Length = 3,600.7552'  
 Radius = 7,632.9789'  
 External = 217.3618'  
 Long Chord = 3,567.4606'  
 Mid. Ord. = 211.3434'  
 P.C. Station 116+73.5024 N 1,747,320.2616 E 2,173,930.3648  
 P.T. Station 152+74.2576 N 1,744,889.5505 E 2,176,541.5749  
 C.C. N 1,751,537.1875 E 2,180,292.7466

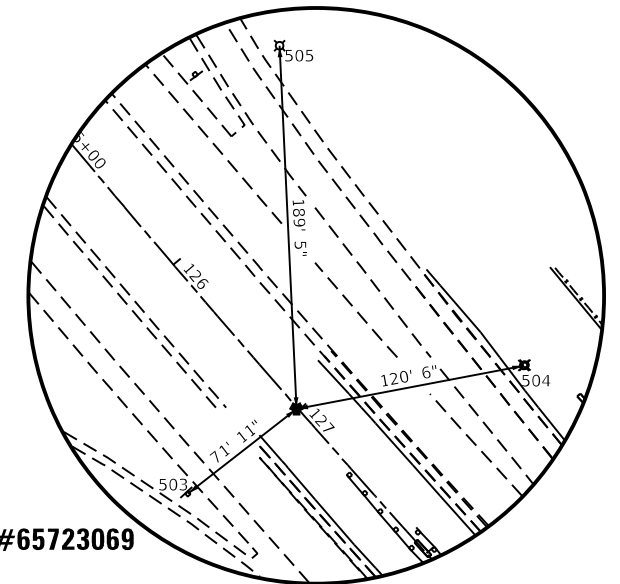
Course from PT A044360 to PC A044370 119° 26' 07.6186" Dist 6,381.0008'

Curve Data  
 \*-----\*

Curve A044370  
 P.I. Station 231+53.7652 N 1,741,017.2240 E 2,183,403.9163  
 Delta = 29° 19' 38.1612" (LT)  
 Degree = 1° 00' 01.7622"  
 Tangent = 1,498.5068'  
 Length = 2,931.2918'  
 Radius = 5,726.7747'  
 External = 192.8090'  
 Long Chord = 2,899.3968'  
 Mid. Ord. = 186.5289'  
 P.C. Station 216+55.2584 N 1,741,753.6543 E 2,182,098.8518  
 P.T. Station 245+86.5502 N 1,741,014.3947 E 2,184,902.4204  
 C.C. N 1,746,741.1591 E 2,184,913.2334  
 Ending chain EXI280 description  
 =====



HORIZONTAL CONTROL POINT #65723068



HORIZONTAL CONTROL POINT #65723069

REFERENCE TIES						
POINT	NORTH	EAST	CHAIN	STATION	OFFSET	DESCRIPTION
500	1748516.2630	2173015.7790	EXI280	101+71.3159 R	2101.5979' RT	LIGHT POLE
501	1748310.8830	2173133.1710	EXI280	104+07.3626 R	2117.2116' RT	LIGHT POLE
502	1748534.3690	2173221.9110	EXI280	102+70.1038 R	280.2239' LT	SIGN
503	1746461.5600	2174495.2610	EXI280	126+94.7332 R	272.398' RT	SIGN
504	1746528.3810	2174670.2560	EXI280	127+60.6187 R	2103.0026' LT	LIGHT POLE
505	1746695.0350	2174543.0540	EXI280	125+48.3162 R	2115.9711' LT	LIGHT POLE

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
65723068	1748508.8850	2173141.5730	563.0510	EXI280	102+46.9620 R	20.8198' RT	NGS MONUMENT, PERM. SURVEY MARKER
65723069	1746505.8420	2174551.8570	565.8070	EXI280	126+98.6958 R	20.6474' RT	NGS MONUMENT, PERM. SURVEY MARKER
AMT1	1749205.9930	2172734.8540	564.8015	EXI280	94+46.0019 R	66.4722' LT	GPS CONTROL POINT, PIN
AMT2	1749862.8150	2172117.8140	563.9824	EXI280	85+50.5416 R	45.429' LT	GPS CONTROL POINT, PIN
AMT3	1750441.0030	2171549.7710	565.2096	EXI280	77+40.0286 R	38.8697' LT	GPS CONTROL POINT, PIN
AMT4	1751145.1860	2170875.2780	572.3574	EXI280	67+64.9417 R	43.3443' LT	GPS CONTROL POINT, PIN
AMT5	1751479.8180	2170552.5970	584.6627	EXI280	63+00.0748 R	43.9191' LT	GPS CONTROL POINT, PIN
AMT6	1755241.3830	2166917.7330	592.4896	EXI280	499+55.9451	44.8885' LT	GPS CONTROL POINT, PIN
AMT7	1755746.0240	2166429.0940	586.0820	EXI280	492+53.4992	44.3026' LT	GPS CONTROL POINT, PIN
AMT8	1756630.7170	2165600.7880	583.4790	EXI280	480+43.6189	68.2857' LT	GPS CONTROL POINT, PIN
AMT10	1758551.7645	2163233.9730	.0000	EXI280	450+00.0000	0.0000'	POT
GPS21	1758200.5940	2164381.8910	613.9037	EXI280	461+08.2500	461.3223' LT	GPS CONTROL POINT

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

I-280  
 HORIZONTAL & VERTICAL CONTROLS

SCALE: SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-18)D&(81-1-1.81-1-2)RS-1	ROCK ISLAND	306	47
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADE CHECKED		
	STRUCTURE NOTATION CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATION CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

EX ROW

EX ROW

EX ROW

EX ROW

EX ROW

EX ROW

EX ROW

CONTRACTOR TO CONTACT DAVENPORT RESIDENCY (563-391-2750) AND ENGINEER PRIOR TO PAVEMENT RECONSTRUCTION TO COORDINATE IMPROVEMENT LIMITS BETWEEN CONTRACTS.

CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT  
CONCRETE BARRIER BASE

CONCRETE BARRIER, VARIABLE CROSS SECTION 44 INCH HEIGHT  
CONCRETE BARRIER BASE  
(20' TRANSITION FROM IDOT STANDARD TO IOWA STANDARD BA-100)

CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT  
CONCRETE BARRIER BASE  
(STANDARD BA-100)

PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)  
AGGREGATE SUBGRADE IMPROVEMENT 12"

PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB

PROJECT BEGINS  
STA 19+28.00

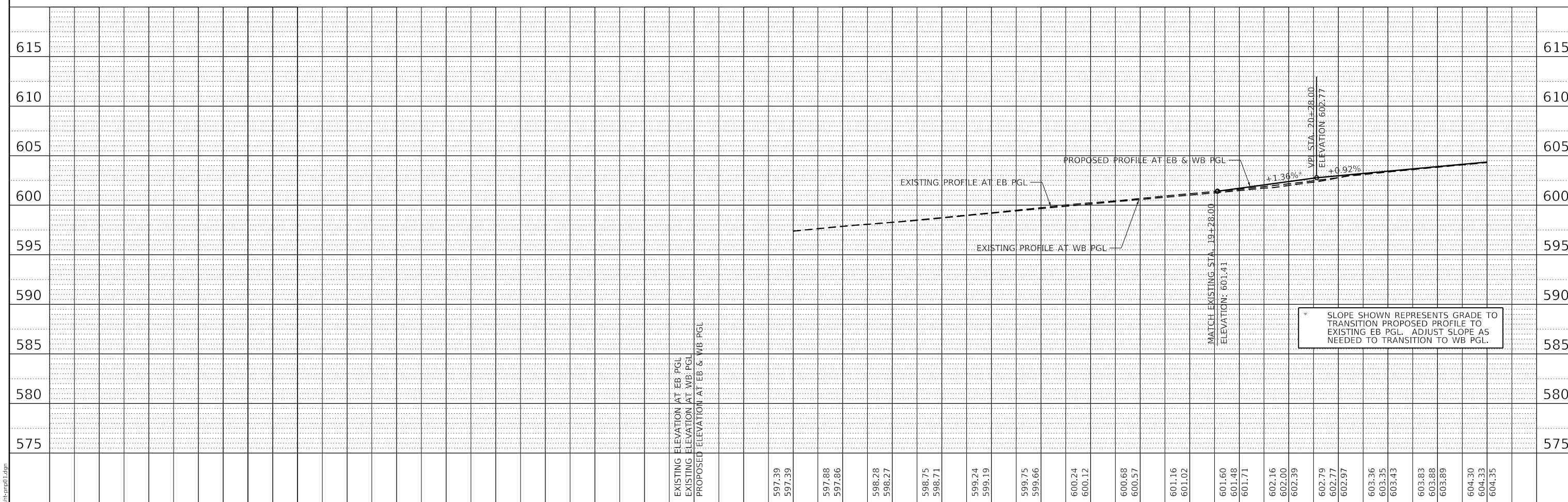
GRAPHIC SCALE



BRIDGE OMISSION

WB I-280

EB I-280



\* SLOPE SHOWN REPRESENTS GRADE TO TRANSITION PROPOSED PROFILE TO EXISTING EB PGL. ADJUST SLOPE AS NEEDED TO TRANSITION TO WB PGL.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-280  
ROADWAY PLAN AND PROFILE

USER NAME = jrobinson	DESIGNED - RGJ	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - SPB	REVISED -
PLOT DATE = 8/19/2020	CHECKED - JIR	REVISED -
	DATE -	REVISED -

SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	48
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

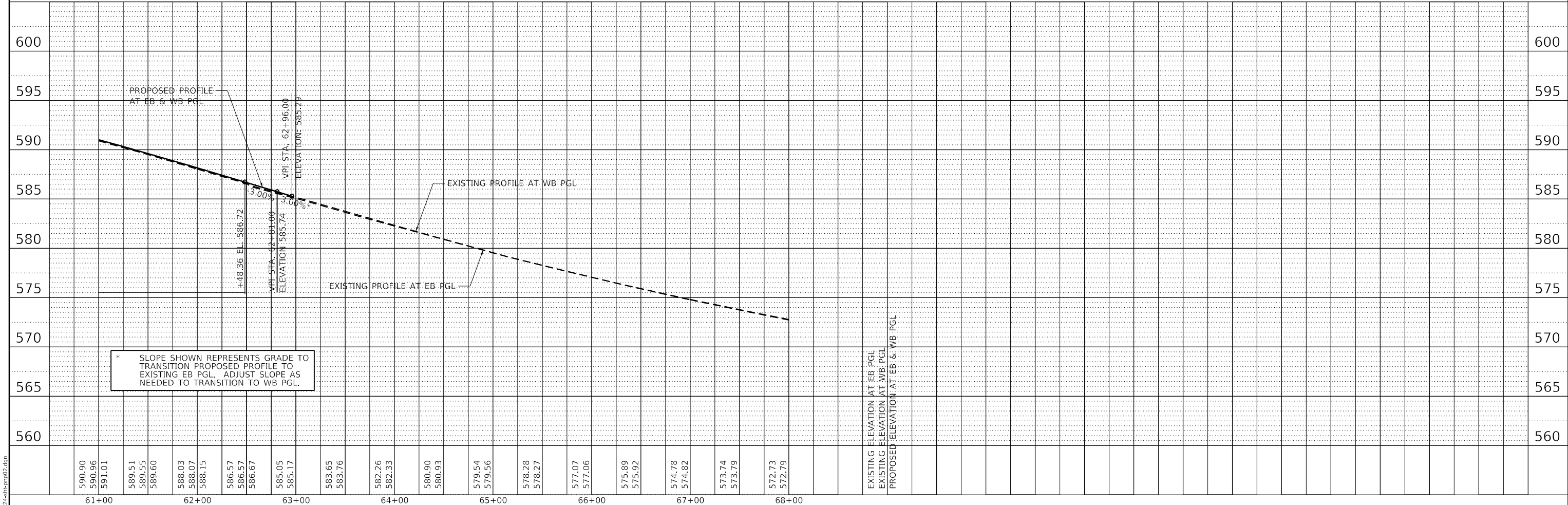
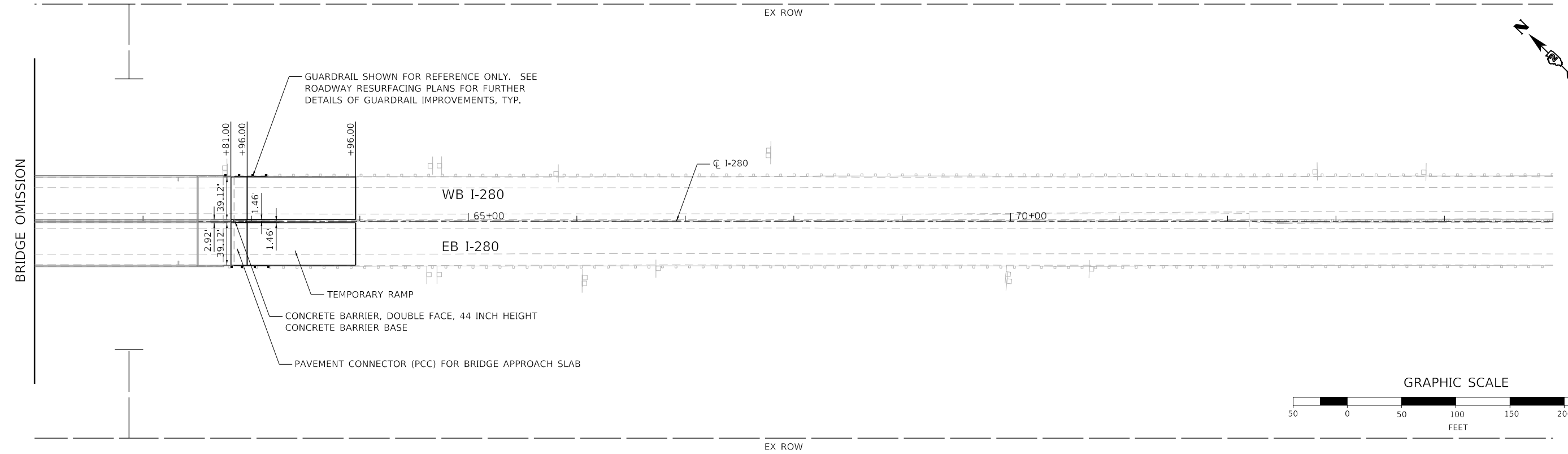
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	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

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	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

MODEL: Default  
FILE NAME: 98624-int-imp05.dgn



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590.96		583.76
591.01		582.26
589.51		582.33
589.55		580.90
589.60		580.93
588.03	62+00	579.54
588.07		579.56
588.15		578.28
586.57		578.27
586.57		577.07
586.67		577.06
585.05	63+00	575.89
585.17		575.92
583.65		574.78
583.76		574.82
582.26	64+00	573.74
582.33		573.79
580.90		572.73
580.93		572.79
579.54	65+00	
579.56		
578.28		
578.27		
577.07	66+00	
577.06		
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574.78	67+00	
574.82		
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572.73	68+00	
572.79		

USER NAME = jrobinson	DESIGNED - RGJ	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - SPB	REVISED -
PLOT DATE = 8/19/2020	CHECKED - JIR	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

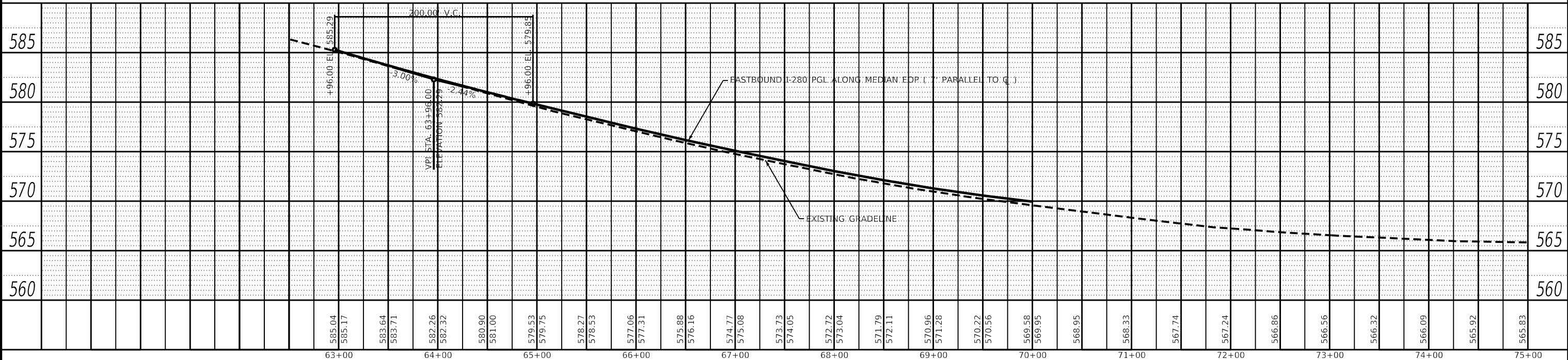
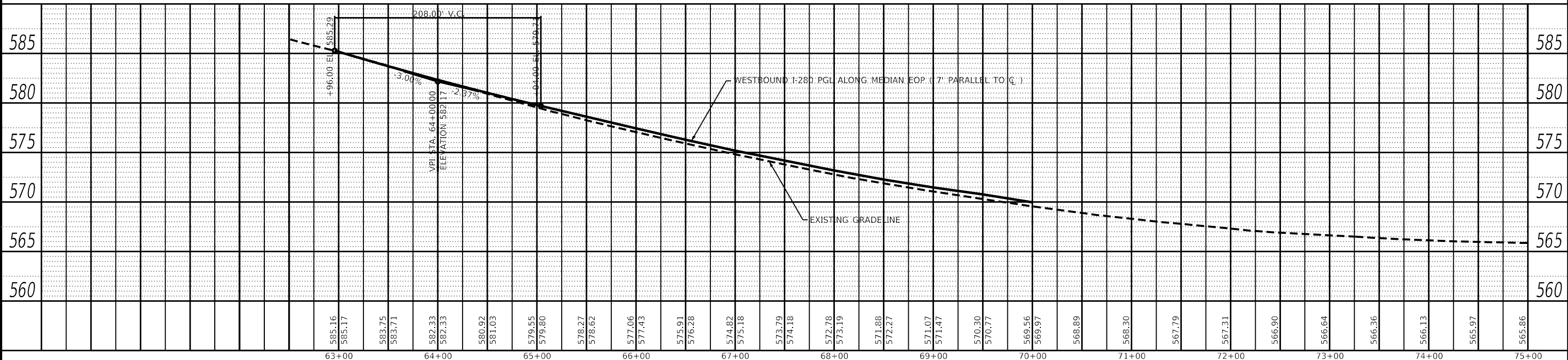
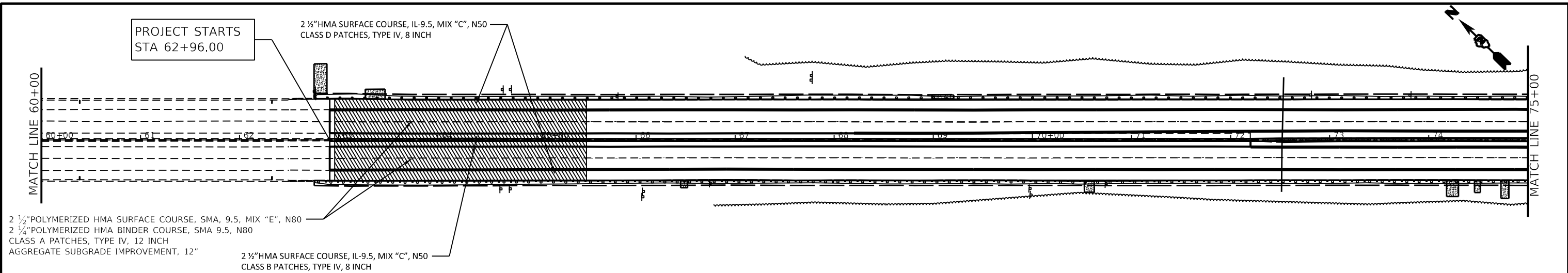
I-280 ROADWAY PLAN AND PROFILE			
SCALE: 1" = 50'	SHEET 2	OF 2	SHEETS
STA.	TO STA.		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	49
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

PLAN	DATE
BY	
REVIEWED	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
STRUCTURE NOTATION	
NO.	

PROFILE	DATE
BY	
REVIEWED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATION	
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	CHECKED -	REVISED -
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PLOT DATE = Aug-19-2020 09:59:03 AM	CHECKED -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-280  
ROADWAY PLAN AND PROFILE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-280	81-1B)D&S(91-1-1,81-1-2) R5-	ROCK ISLAND	306	50
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

**SUGGESTED SEQUENCE OF CONSTRUCTION**

**WORK TO BE COMPLETED PRIOR TO STAGING**

- SET UP DETOUR ROUTES
- REMOVE AND REPLACE SHOULDER RUMBLE STRIPS
- BRIDGE DECK PATCHING

**PRE-STAGE**

- REMOVE MEDIAN BARRIER WALL
- INSTALL TEMPORARY PAVEMENT

**STAGE 1**

- SHIFT TRAFFIC TO EXISTING EASTBOUND LANES
- PERFORM STEEL REPAIRS / REPLACE BEARINGS AT EXPANSION JOINTS
- RE-DECK WESTBOUND LANES OF BRIDGE
- PAINT STRUCTURAL STEEL AS REQUIRED
- INSTALL WESTBOUND APPROACH AND CONNECTOR SLABS
- INSTALL WESTBOUND TEMPORARY RAMP

**WINTER SHUT DOWN**

- CLOSE CROSSOVERS WITH TEMPORARY BARRIER WALL
- RESTORE TRAFFIC AND PAVEMENT MARKINGS TO PRE-CONSTRUCTION CONDITION
- SIGNS TO REMAIN IN PLACE DURING WINTER SHUT DOWN

**STAGE 2**

- SHIFT TRAFFIC TO EXISTING WESTBOUND LANES
- PERFORM STEEL REPAIRS / REPLACE BEARINGS AT EXPANSION JOINTS
- RE-DECK EASTBOUND LANES OF BRIDGE
- PAINT STRUCTURAL STEEL AS REQUIRED
- INSTALL EASTBOUND APPROACH AND CONNECTOR SLABS
- INSTALL EASTBOUND TEMPORARY RAMP

**WINTER SHUT DOWN**

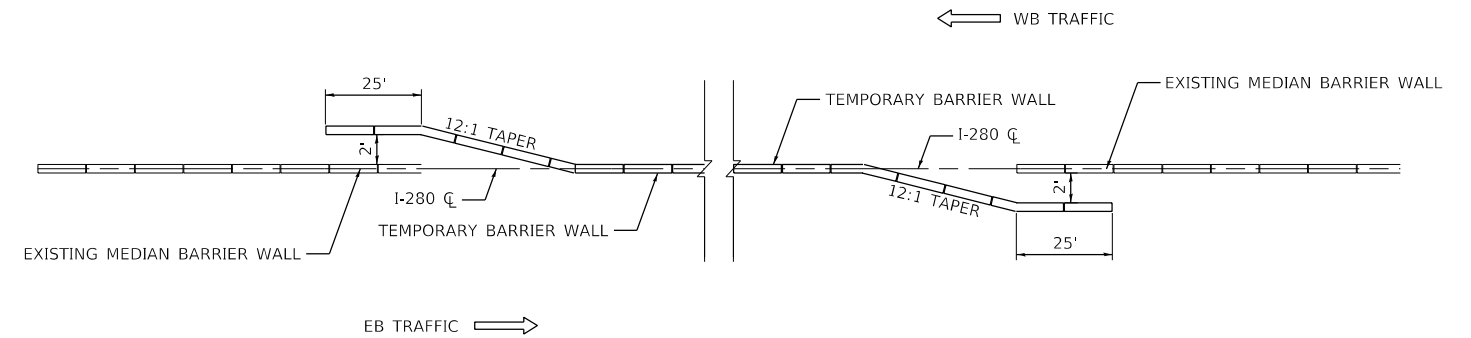
- CLOSE CROSSOVERS WITH TEMPORARY BARRIER WALL
- RESTORE TRAFFIC AND PAVEMENT MARKINGS TO PRE-CONSTRUCTION CONDITION
- SIGNS TO REMAIN IN PLACE DURING WINTER SHUT DOWN

**MAINLINE RESURFACING**

- MAINLINE HMA RESURFACING
- ROADWAY IMPROVEMENTS
- INSTALL MAINLINE PAVEMENT MARKINGS

**RAMP RESURFACING**

- RAMP HMA RESURFACING
- INSTALL RAMP PAVEMENT MARKINGS



**WINTER SHUT DOWN CROSSOVER CLOSURE DETAIL**

MODEL D:\6478\FILE NAME\280\24-int-mcdonnell.dgn



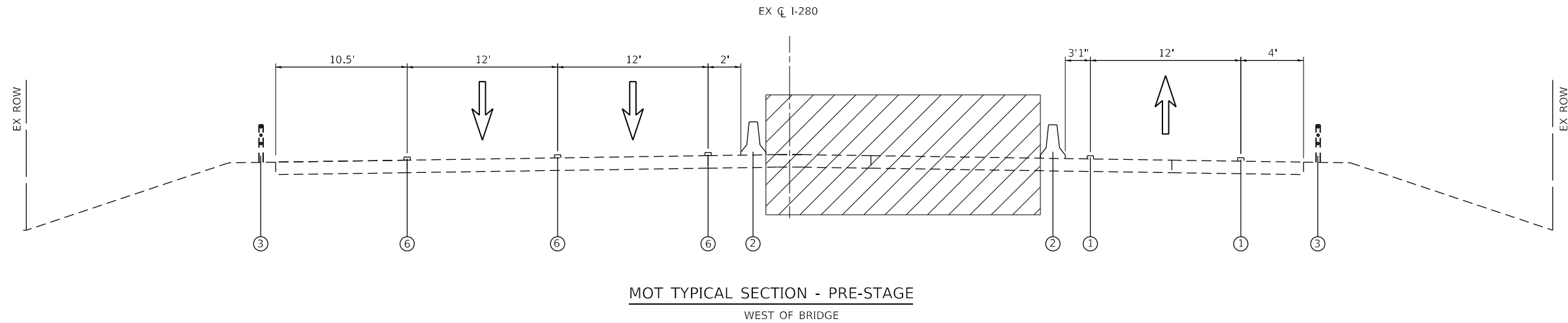
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PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
PLOT DATE = 8/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

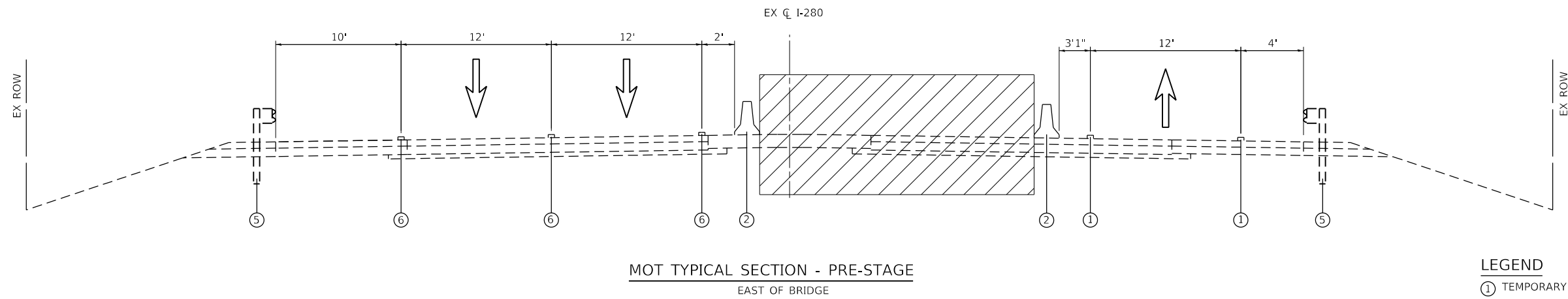
**MAINTENANCE OF TRAFFIC  
SUGGESTED SEQUENCE OF CONSTRUCTION**

SCALE: N/A    SHEET    OF    SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	51
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



MOT TYPICAL SECTION - PRE-STAGE  
WEST OF BRIDGE



MOT TYPICAL SECTION - PRE-STAGE  
EAST OF BRIDGE

**LEGEND**

- ① TEMPORARY PAVEMENT MARKING
  - ② TEMPORARY CONCRETE BARRIER WALL
  - ③ EXISTING CABLE BARRIER
  - ④ EXISTING MEDIAN BARRIER WALL
  - ⑤ EXISTING GUARDRAIL
  - ⑥ EXISTING PAVEMENT MARKING
  - ⑦ TYPE II BARREL/BARRICADE
- WORK ZONE

MODEL: D:\6478...  
FILE: 280-1B-1D-1(F&E)-TYP00.dgn



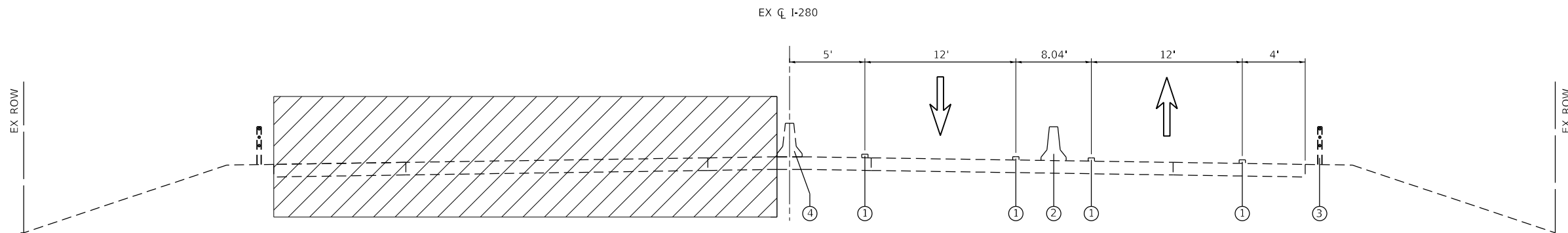
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PLOT DATE = 8/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

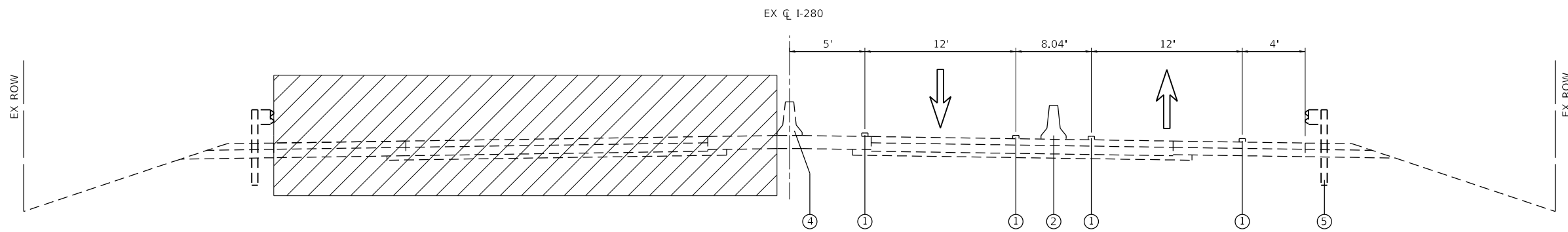
**MAINTENANCE OF TRAFFIC  
TYPICAL SECTIONS**

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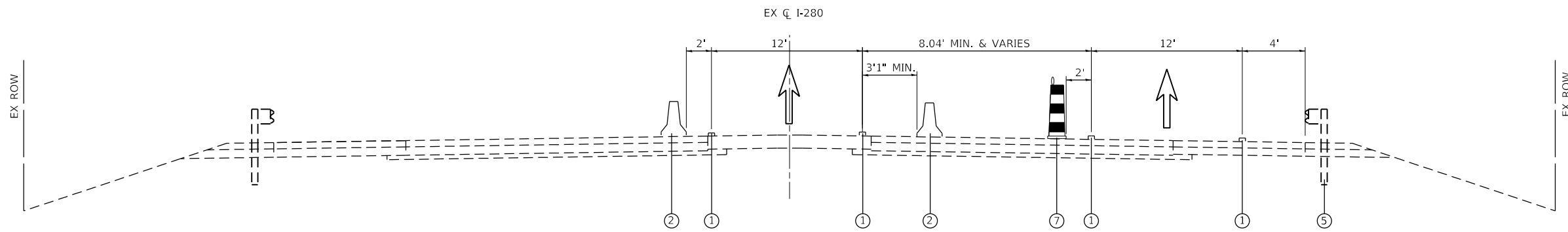
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	52
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



MOT TYPICAL SECTION - STAGE 1  
WEST OF BRIDGE



MOT TYPICAL SECTION - STAGE 1  
EAST OF BRIDGE



MOT TYPICAL SECTION - STAGE 1  
EAST OF BRIDGE CROSSOVER

**LEGEND**

- ① TEMPORARY PAVEMENT MARKING
- ② TEMPORARY CONCRETE BARRIER WALL
- ③ EXISTING CABLE BARRIER
- ④ EXISTING MEDIAN BARRIER WALL
- ⑤ EXISTING GUARDRAIL
- ⑥ EXISTING PAVEMENT MARKING
- ⑦ TYPE II BARREL/BARRICADE
- WORK ZONE

MODEL: D:\6411...  
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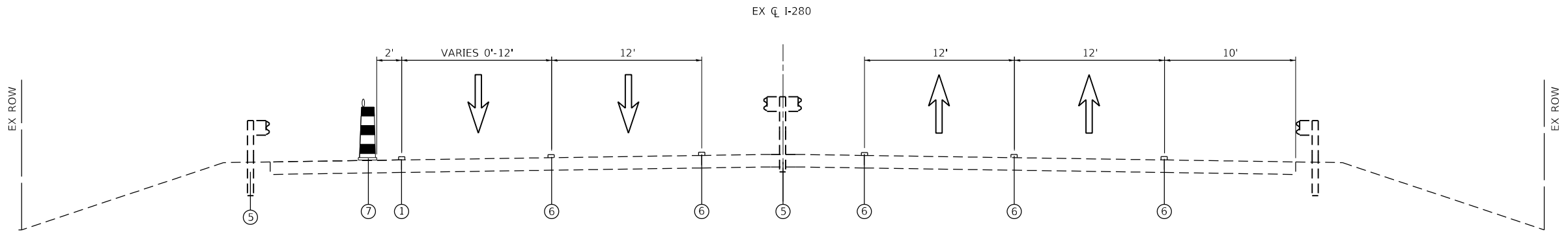
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PLOT DATE = 8/19/2020		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


**MAINTENANCE OF TRAFFIC  
TYPICAL SECTIONS**

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	53
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



MOT TYPICAL SECTION - STAGE 1 & 2  
EAST OF BRIDGE - WB LANE DROP

- LEGEND**
- ① TEMPORARY PAVEMENT MARKING
  - ② TEMPORARY CONCRETE BARRIER WALL
  - ③ EXISTING CABLE BARRIER
  - ④ EXISTING MEDIAN BARRIER WALL
  - ⑤ EXISTING GUARDRAIL
  - ⑥ EXISTING PAVEMENT MARKING
  - ⑦ TYPE II BARREL/BARRICADE
-  WORK ZONE

MODEL: D:\64611  
 FILE: 280-1B-1-1(F&E)-1-1-1-1.dgn



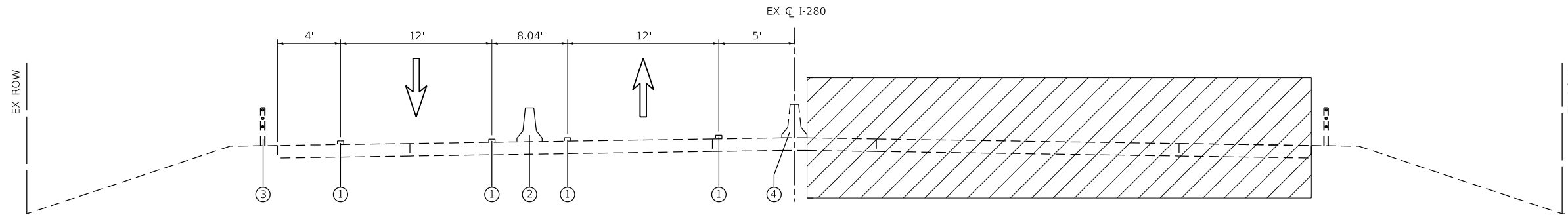
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PLOT DATE = 8/19/2020		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

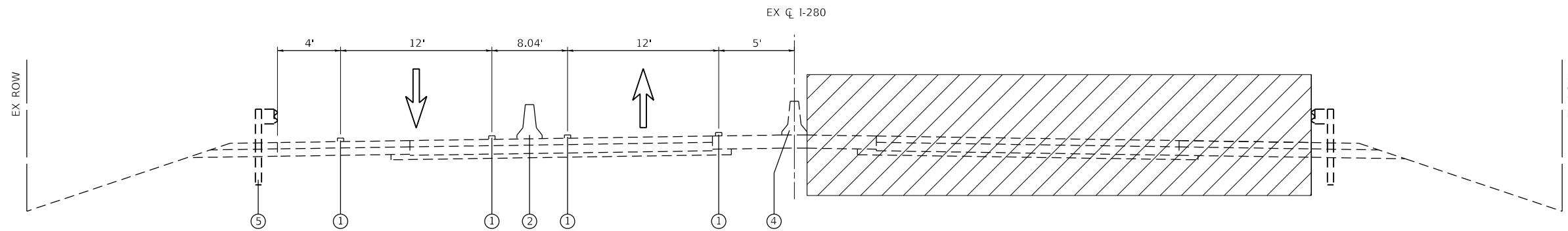
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TYPICAL SECTIONS**

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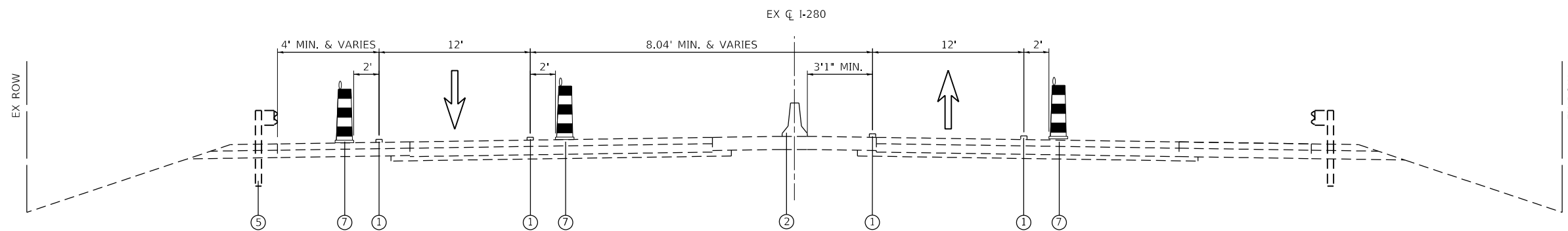
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	54
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



MOT TYPICAL SECTION - STAGE 2  
WEST OF BRIDGE



MOT TYPICAL SECTION - STAGE 2  
EAST OF BRIDGE



MOT TYPICAL SECTION - STAGE 2  
EAST OF BRIDGE CROSSOVER

**LEGEND**

- ① TEMPORARY PAVEMENT MARKING
- ② TEMPORARY CONCRETE BARRIER WALL
- ③ EXISTING CABLE BARRIER
- ④ EXISTING MEDIAN BARRIER WALL
- ⑤ EXISTING GUARDRAIL
- ⑥ EXISTING PAVEMENT MARKING
- ⑦ TYPE II BARREL/BARRICADE
- ▨ WORK ZONE

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USER NAME = jirobinson	DESIGNED - RGJ	REVISED -
	DRAWN - SPB	REVISED -
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PLOT DATE = 8/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

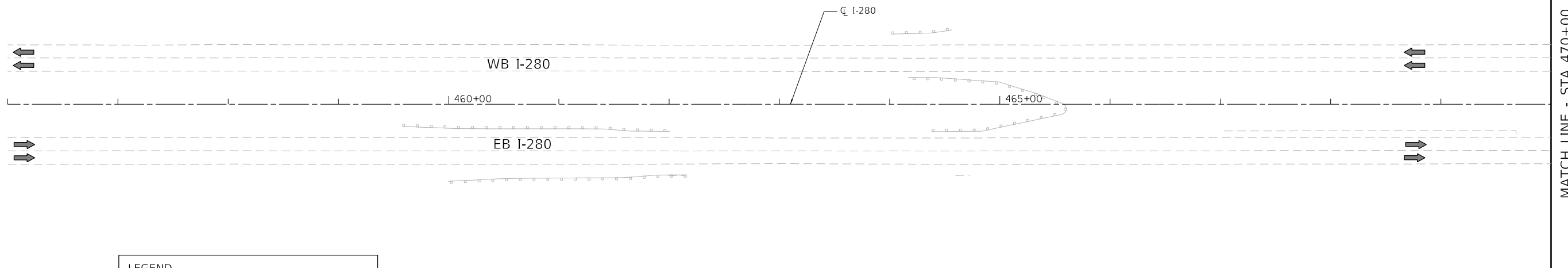
**MAINTENANCE OF TRAFFIC  
TYPICAL SECTIONS**

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

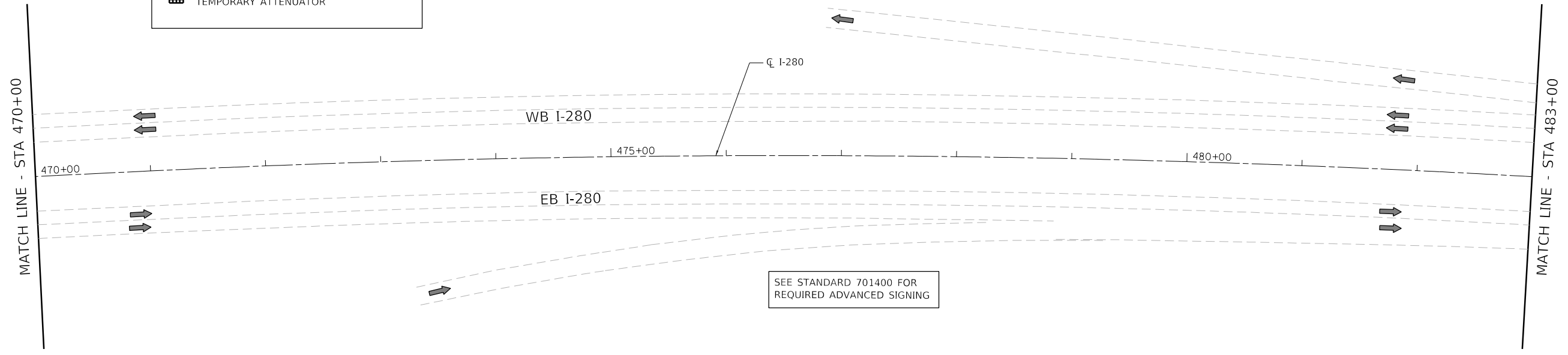
CONTRACTOR TO CONTACT DAVENPORT RESIDENCY (563-391-2750) TO COORDINATE MAINTANANCE OF TRAFFIC WITH ADJACENT CONTRACT. ADJACENT CONTRACT TO BE PERFORMED BY OTHERS

SEE STANDARD 701400 FOR REQUIRED ADVANCED SIGNING

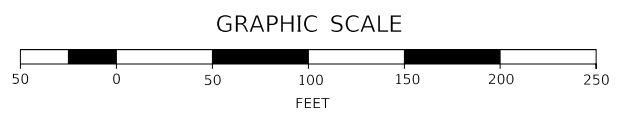


**LEGEND**

- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL (250' SPACING)
- DIRECTION OF TRAFFIC
- CONSTRUCTION ZONE
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- CONSTRUCTION SIGN
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- TEMPORARY ATTENUATOR



SEE STANDARD 701400 FOR REQUIRED ADVANCED SIGNING



MODEL D:\6478\FILE NAME: 280I-280-1-1-1-1-1.dgn

<b>BURNS MCDONNELL</b>	USER NAME = jrobinson	DESIGNED - RGJ	REVISED -
	PLOT SCALE = 100.0000' / in.	DRAWN - SPB	REVISED -
	PLOT DATE = 8/19/2020	CHECKED - JIR	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
PRE - STAGE**

SCALE: 1" = 50'    SHEET 1 OF 5 SHEETS    STA.    TO STA.

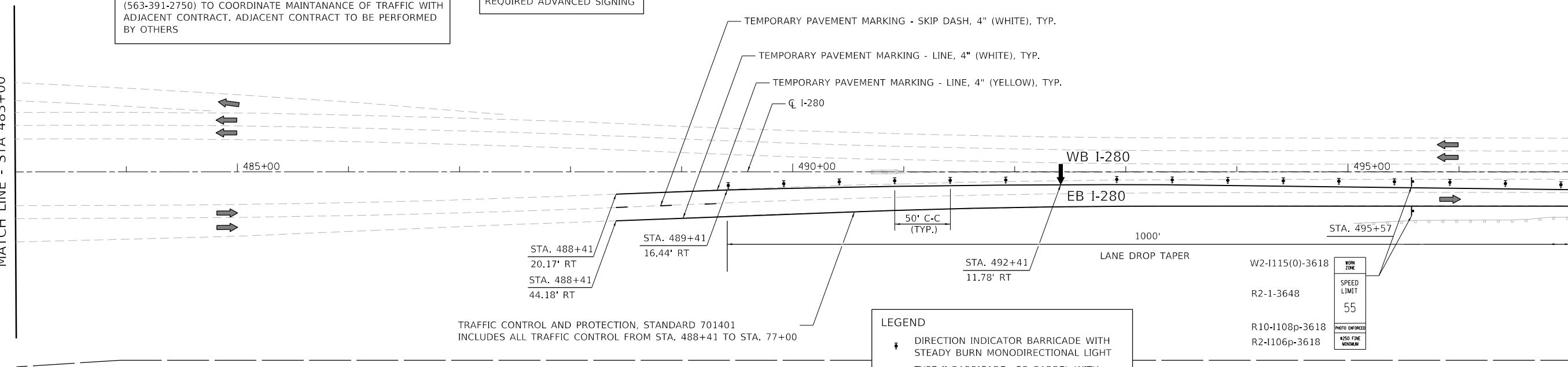
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	56
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



MATCH LINE - STA 483+00

CONTRACTOR TO CONTACT DAVENPORT RESIDENCY (563-391-2750) TO COORDINATE MAINTANANCE OF TRAFFIC WITH ADJACENT CONTRACT. ADJACENT CONTRACT TO BE PERFORMED BY OTHERS

SEE STANDARD 701400 FOR REQUIRED ADVANCED SIGNING



MATCH LINE - STA 497+00

TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 INCLUDES ALL TRAFFIC CONTROL FROM STA. 488+41 TO STA. 497+00

**LEGEND**

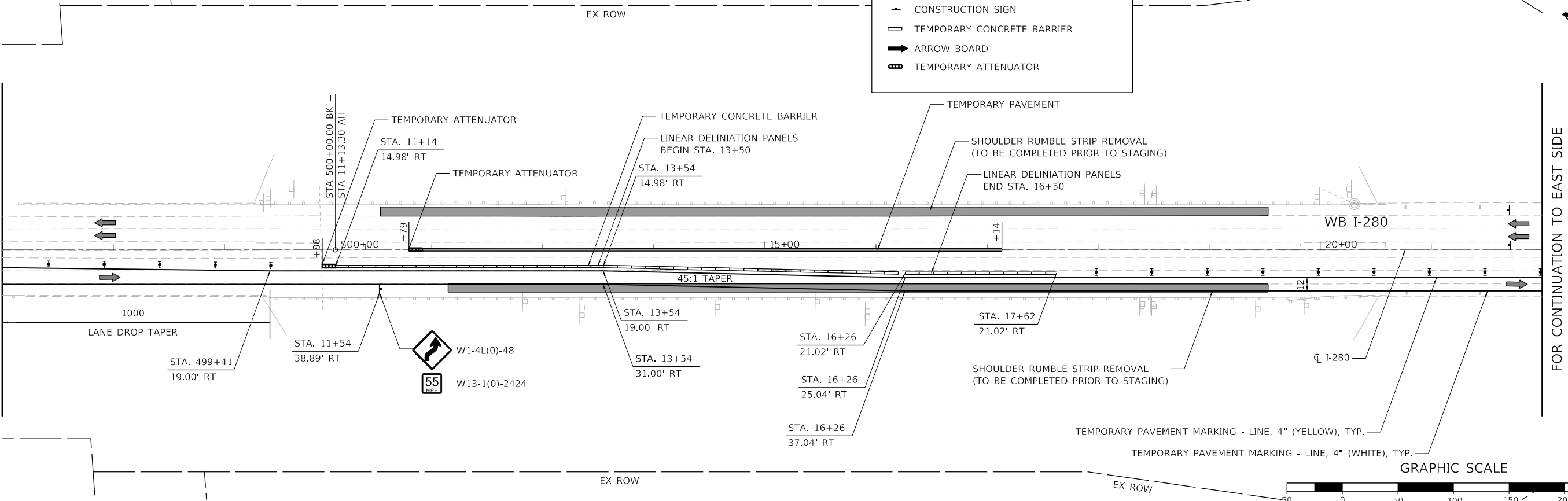
- ☒ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ☒ TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
- ☒ VERTICAL PANEL (250' SPACING)
- ➡ DIRECTION OF TRAFFIC
- ▨ CONSTRUCTION ZONE
- ☒ TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- ☒ CONSTRUCTION SIGN
- ☒ TEMPORARY CONCRETE BARRIER
- ➡ ARROW BOARD
- ☒ TEMPORARY ATTENUATOR

WORK ZONE

SPEED LIMIT 55

PHOTO ENFORCED 4250 FINE MINIMUM

MATCH LINE - STA 497+00

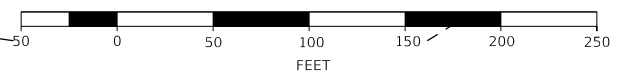


FOR CONTINUATION TO EAST SIDE OF BRIDGE SEE NEXT SHEET

TEMPORARY PAVEMENT MARKING - LINE, 4" (YELLOW), TYP.

TEMPORARY PAVEMENT MARKING - LINE, 4" (WHITE), TYP.

GRAPHIC SCALE



MODEL: D:\6478\FILE: 808234-1101-101-101.dwg



USER NAME = jrobinson	DESIGNED - RGJ	REVISED -
DRAWN - SPB	REVISED -	
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PLOT DATE = 8/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

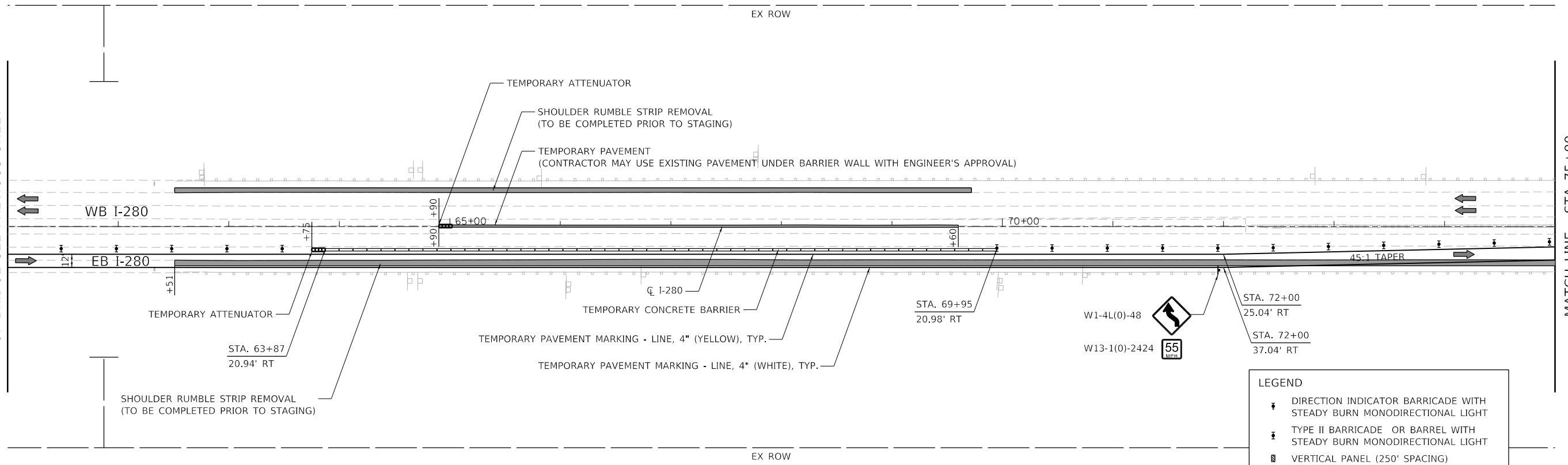
**MAINTENANCE OF TRAFFIC  
PRE - STAGE**

SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	57
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

FOR CONTINUATION TO WEST SIDE  
OF BRIDGE SEE PREVIOUS SHEET

MATCH LINE - STA 75+00

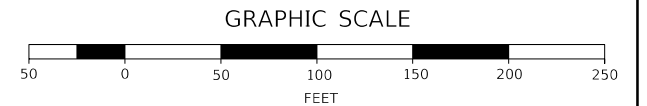
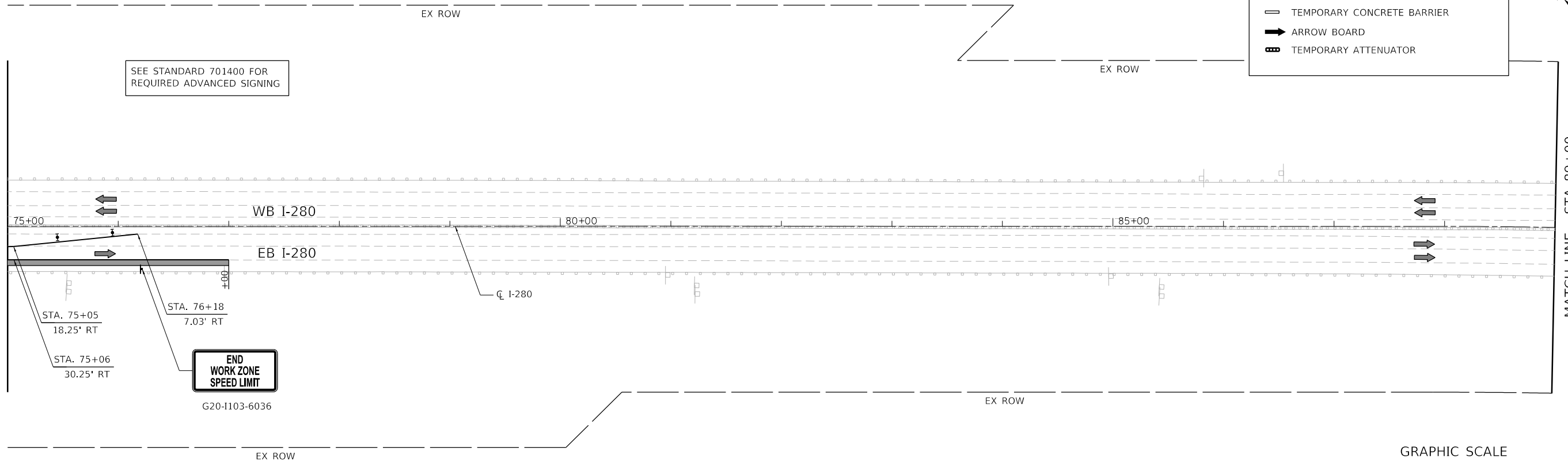


**LEGEND**

- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL (250' SPACING)
- DIRECTION OF TRAFFIC
- CONSTRUCTION ZONE
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- CONSTRUCTION SIGN
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- TEMPORARY ATTENUATOR

MATCH LINE - STA 75+00

MATCH LINE - STA 89+00



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 PLOT DATE = 8/19/2020

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 DRAWN - SPB  
 CHECKED - JIR  
 DATE -

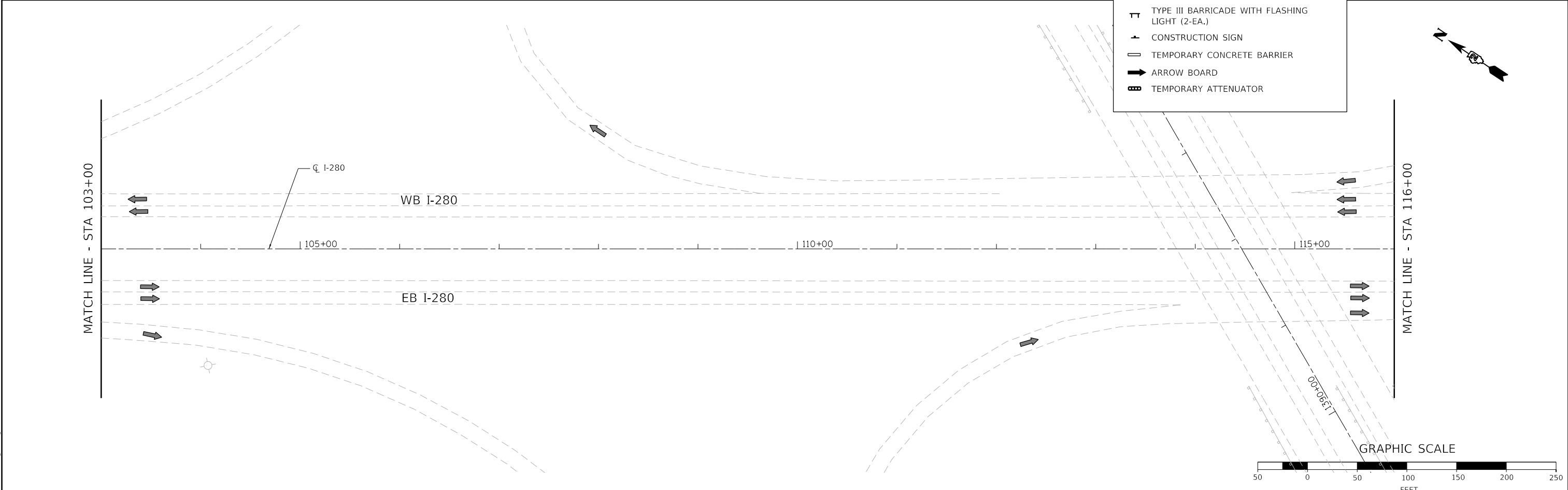
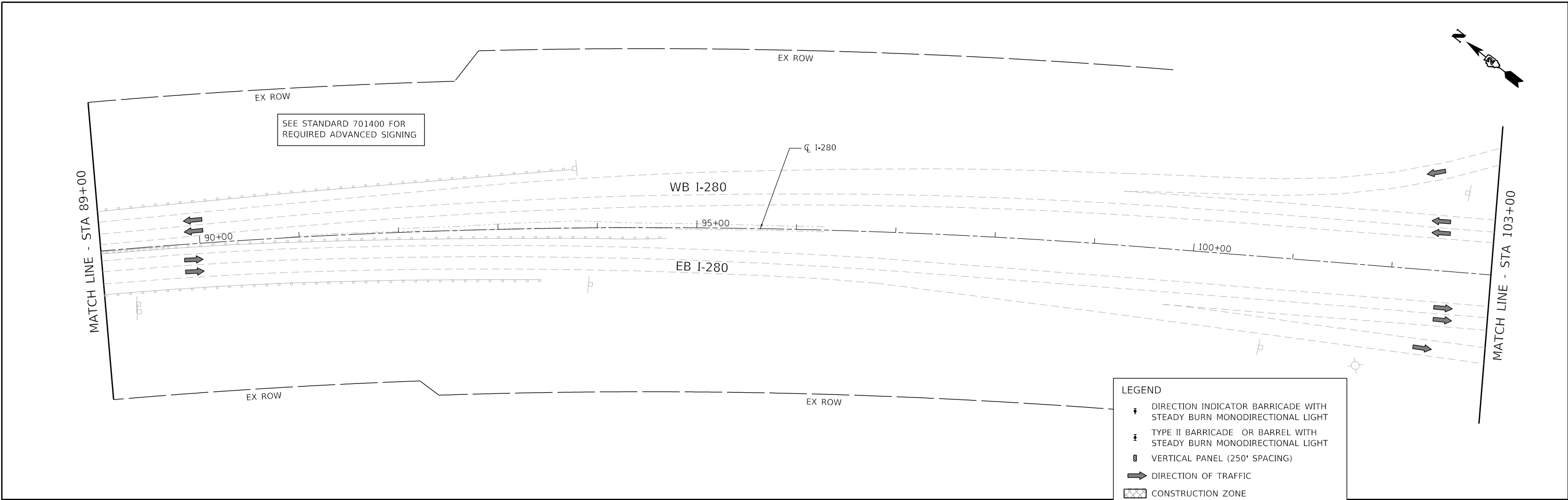
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
 PRE - STAGE**

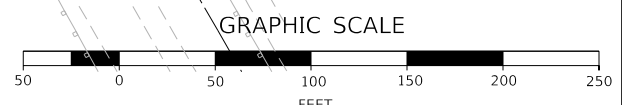
SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	58
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL (250' SPACING)
- DIRECTION OF TRAFFIC
- CONSTRUCTION ZONE
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- CONSTRUCTION SIGN
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- TEMPORARY ATTENUATOR



MODEL D:\6478\11  
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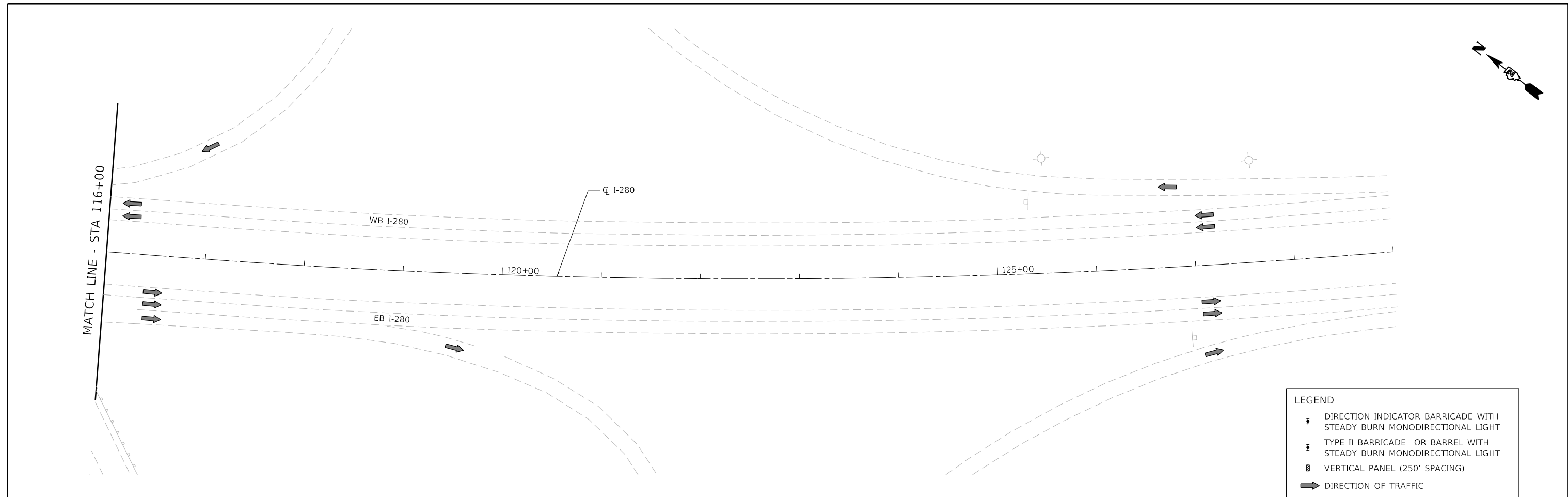
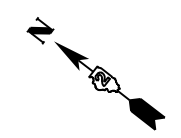
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DRAWN - SPB	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED - JIR	REVISED -
PLOT DATE = 8/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

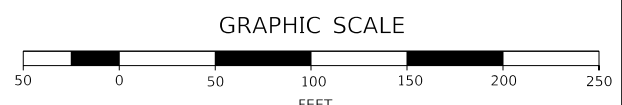
**MAINTENANCE OF TRAFFIC  
PRE - STAGE**

SCALE: 1" = 50'    SHEET 4 OF 5 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	59
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



LEGEND	
	DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
	VERTICAL PANEL (250' SPACING)
	DIRECTION OF TRAFFIC
	CONSTRUCTION ZONE
	TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
	CONSTRUCTION SIGN
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	TEMPORARY ATTENUATOR



MODEL D:\6478\11  
 FILE NAME: 2020-04-14\MOT-210-05.dgn



USER NAME = jrobinson	DESIGNED - RGJ	REVISED -
DRAWN - SPB	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED - JIR	REVISED -
PLOT DATE = 8/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

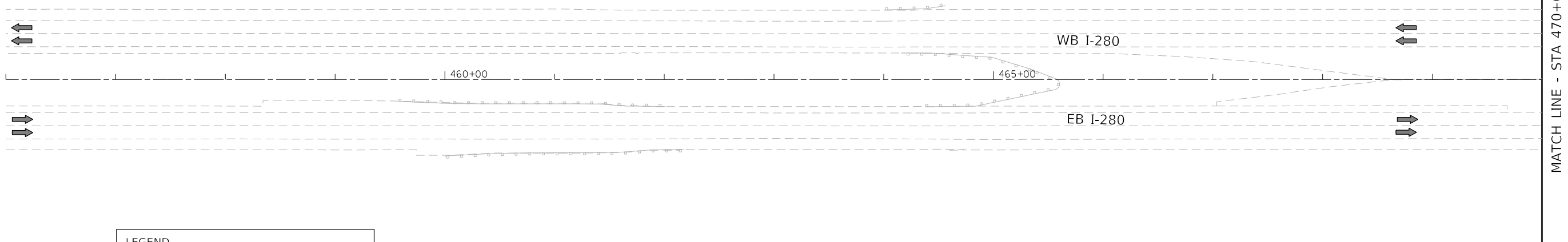
**MAINTENANCE OF TRAFFIC**  
**PRE - STAGE**

SCALE: 1" = 50'    SHEET 5 OF 5 SHEETS    STA.    TO STA.

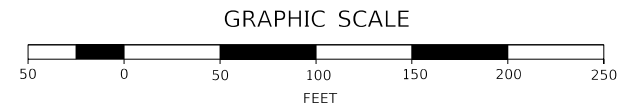
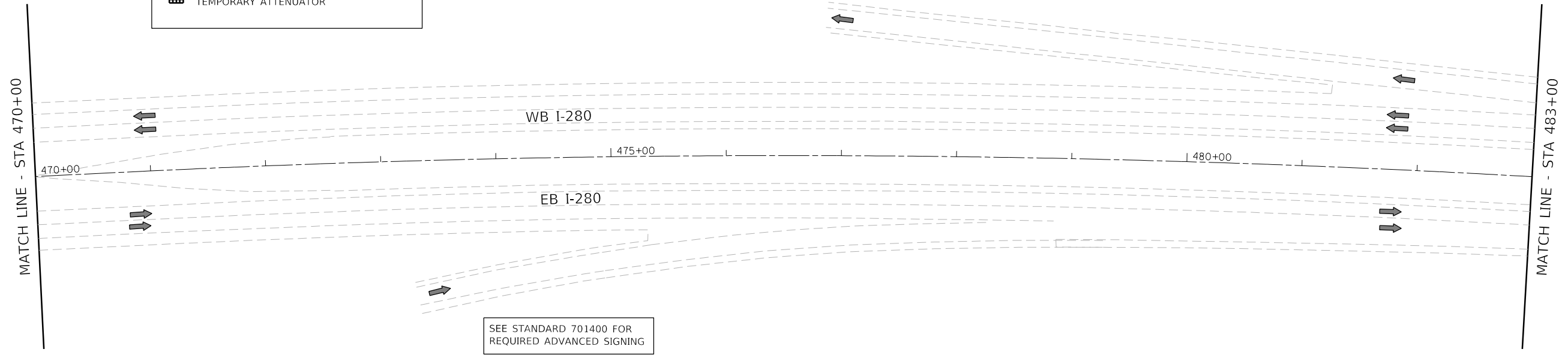
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	60
CONTRACT NO. 64F78				

ILLINOIS FED. AID PROJECT

CONTRACTOR TO CONTACT DAVENPORT RESIDENCY (563-391-2750) TO COORDINATE MAINTANANCE OF TRAFFIC WITH ADJACENT CONTRACT. ADJACENT CONTRACT TO BE PERFORMED BY OTHERS



- LEGEND**
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
  - VERTICAL PANEL (250' SPACING)
  - DIRECTION OF TRAFFIC
  - CONSTRUCTION ZONE
  - TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
  - CONSTRUCTION SIGN
  - TEMPORARY CONCRETE BARRIER
  - ARROW BOARD
  - TEMPORARY ATTENUATOR



MODEL D:\6478\FILE NAME: 28024-1-1-MOT-501-01.dgn



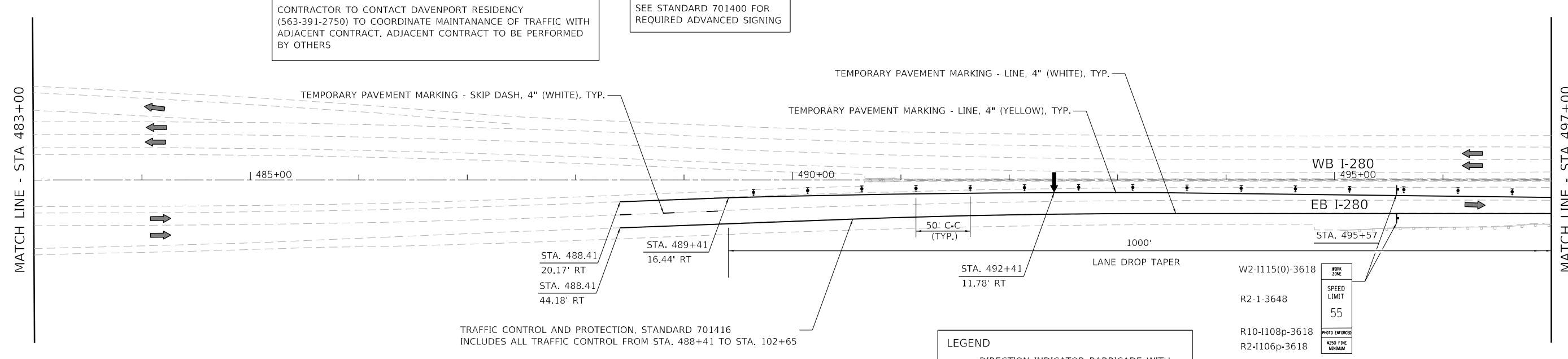
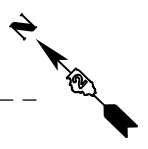
USER NAME = jirobinson	DESIGNED - RGJ	REVISED -
	DRAWN - SPB	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JIR	REVISED -
PLOT DATE = 8/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1**

SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. TO STA.

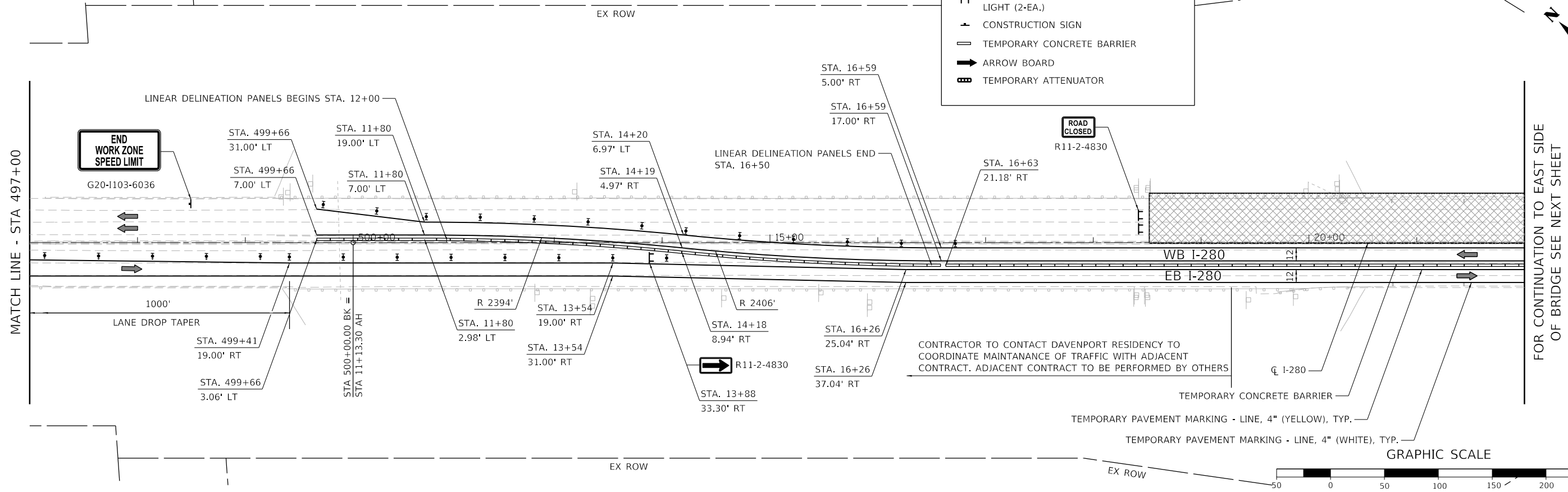
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	61
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



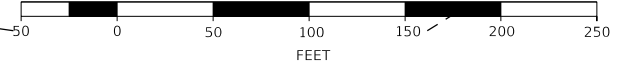
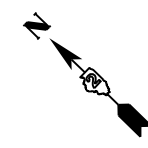
**LEGEND**

- ☐ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ☐ TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
- ☐ VERTICAL PANEL (250' SPACING)
- ➔ DIRECTION OF TRAFFIC
- ▨ CONSTRUCTION ZONE
- ☐ TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- ☐ CONSTRUCTION SIGN
- ☐ TEMPORARY CONCRETE BARRIER
- ➔ ARROW BOARD
- ☐ TEMPORARY ATTENUATOR

WORK ZONE
SPEED LIMIT
55
PHOTO ENFORCED
4250 FINE MINIMUM



FOR CONTINUATION TO EAST SIDE OF BRIDGE SEE NEXT SHEET



MODEL: D:\6461... FILE NAME: 2020034-INT-101-102.dwg



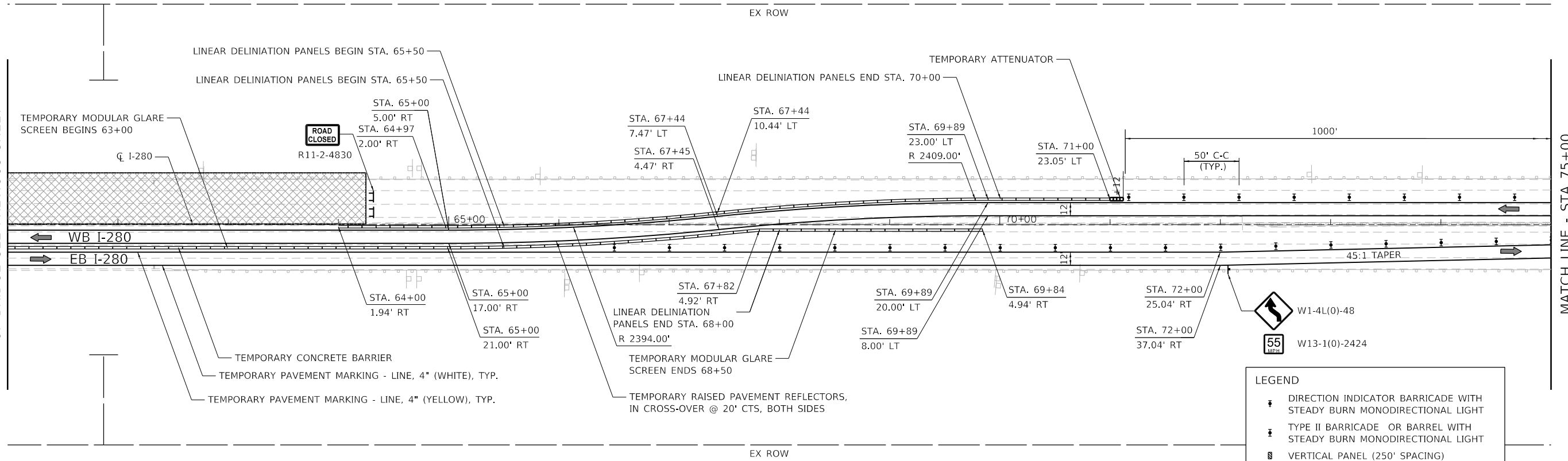
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PLOT DATE = 8/19/2020	CHECKED - JIR	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>MAINTENANCE OF TRAFFIC STAGE 1</b>		
SCALE: 1" = 50'	SHEET 2 OF 5 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	62
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

FOR CONTINUATION TO WEST SIDE  
OF BRIDGE SEE PREVIOUS SHEET

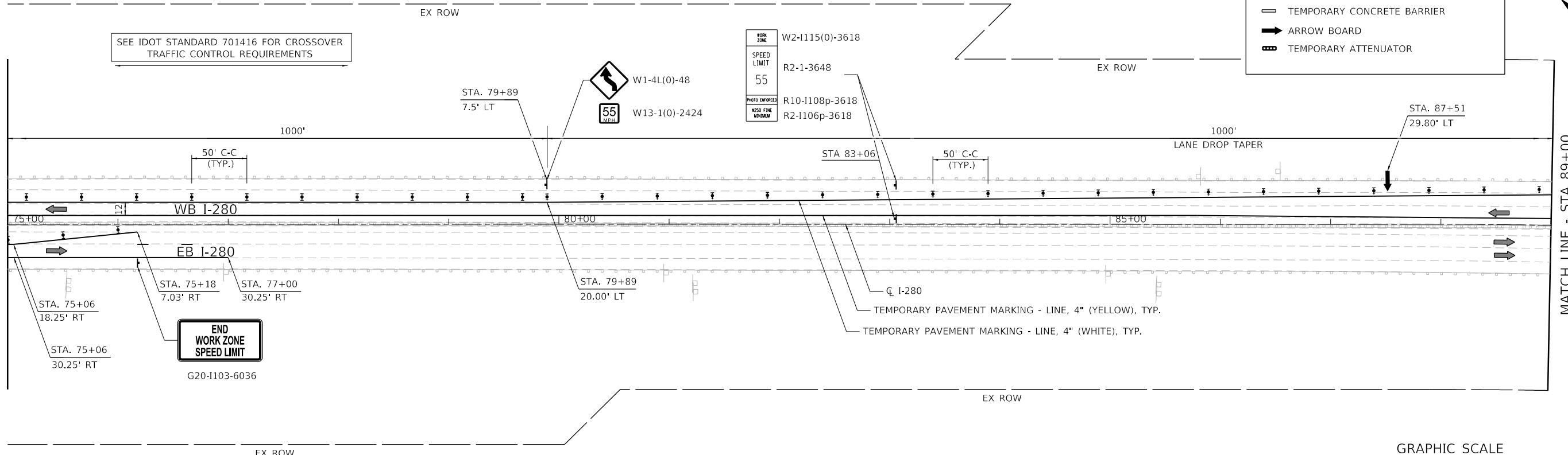


MATCH LINE - STA 75+00

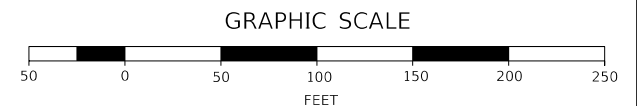
**LEGEND**

- ☒ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ☒ TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
- ☒ VERTICAL PANEL (250' SPACING)
- ➡ DIRECTION OF TRAFFIC
- ☒ CONSTRUCTION ZONE
- ☒ TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- ☒ CONSTRUCTION SIGN
- ☒ TEMPORARY CONCRETE BARRIER
- ➡ ARROW BOARD
- ☒ TEMPORARY ATTENUATOR

MATCH LINE - STA 75+00



MATCH LINE - STA 89+00



MODEL: D:\6478  
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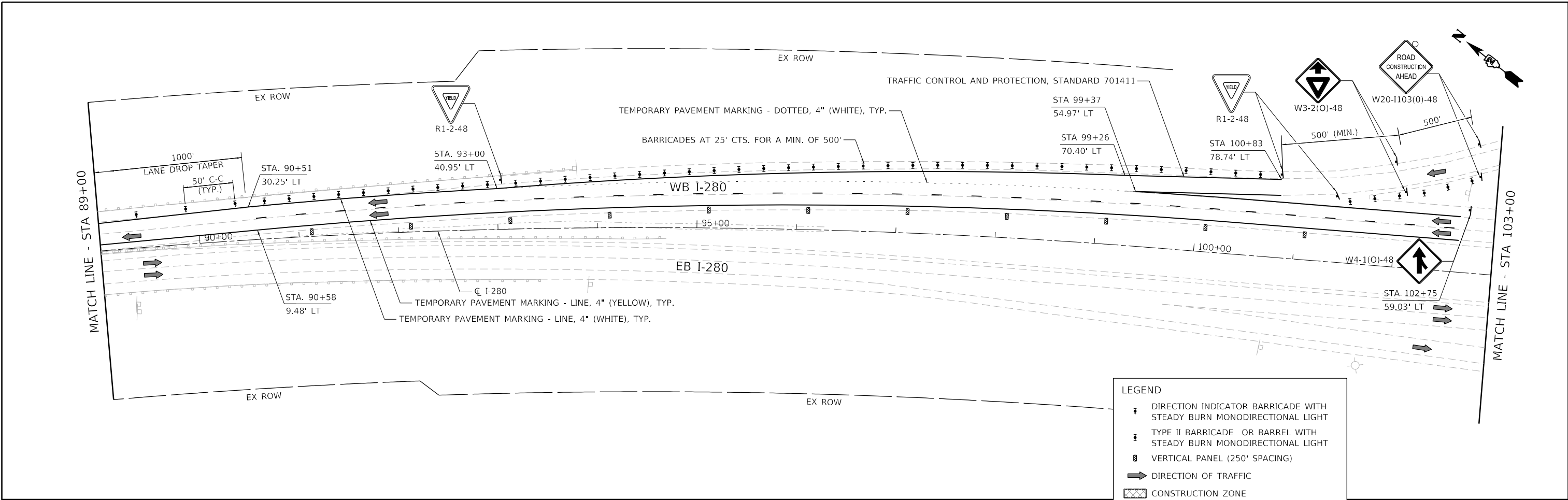
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	DRAWN - SPB	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - JIR	REVISED -
PLOT DATE = 8/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1**

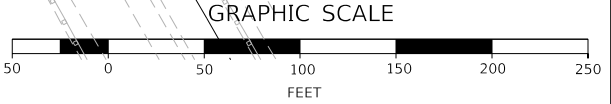
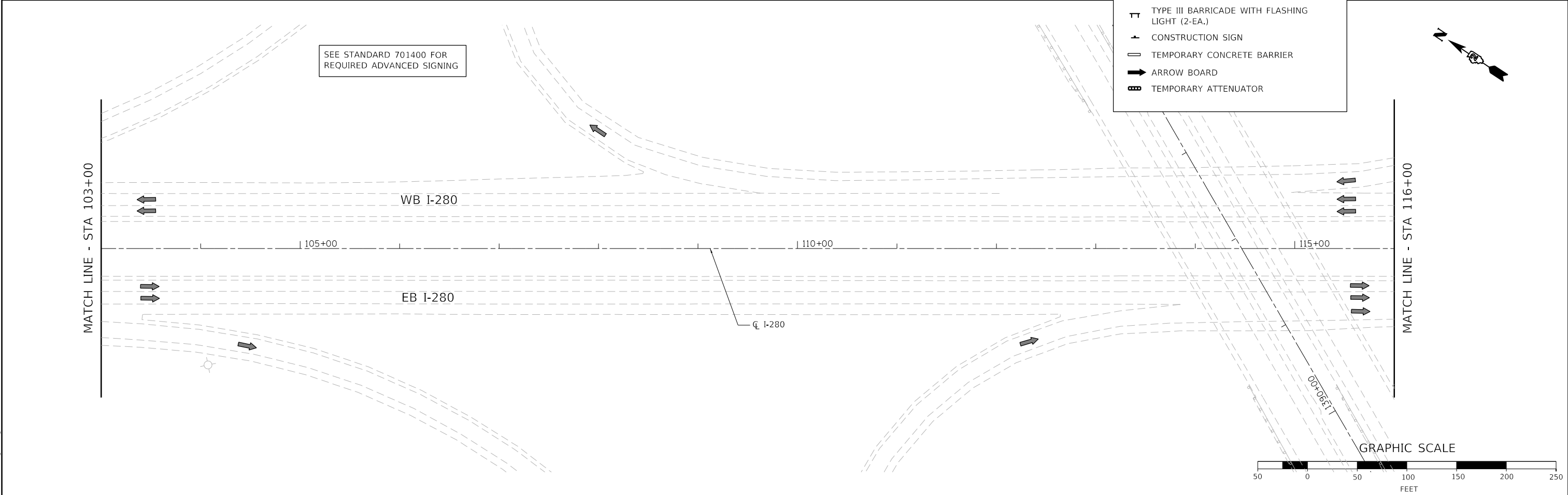
SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	63
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- ☐ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ☐ TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
- ☐ VERTICAL PANEL (250' SPACING)
- ➡ DIRECTION OF TRAFFIC
- ▨ CONSTRUCTION ZONE
- ☐ TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- ☐ CONSTRUCTION SIGN
- ☐ TEMPORARY CONCRETE BARRIER
- ➡ ARROW BOARD
- ☐ TEMPORARY ATTENUATOR



MODEL D:\6478\116\116.dgn  
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USER NAME = jrobinson	DESIGNED - RGJ	REVISED -
DRAWN - SPB	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED - JIR	REVISED -
PLOT DATE = 8/19/2020	DATE -	REVISED -

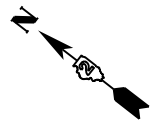
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1**

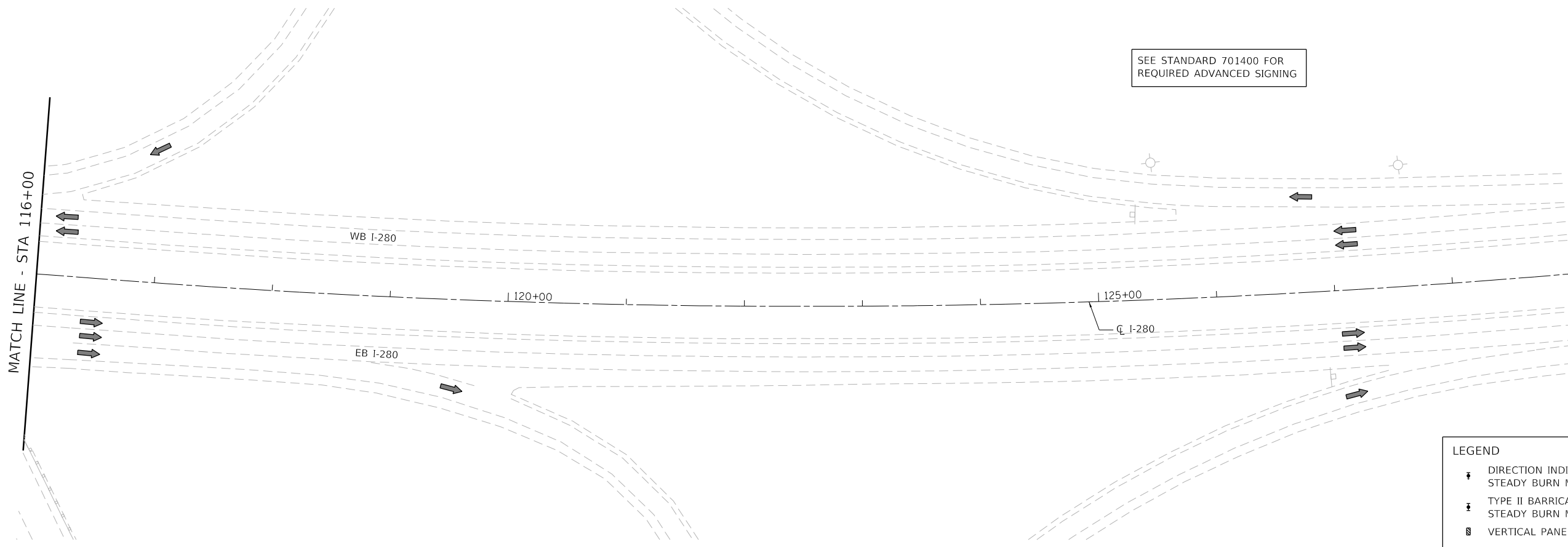
SCALE: 1" = 50' SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	64
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

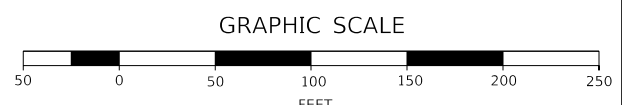




SEE STANDARD 701400 FOR  
REQUIRED ADVANCED SIGNING



LEGEND	
	DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
	VERTICAL PANEL (250' SPACING)
	DIRECTION OF TRAFFIC
	CONSTRUCTION ZONE
	TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
	CONSTRUCTION SIGN
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	TEMPORARY ATTENUATOR



MODEL D:\6478\116-125\116-125.dwg  
FILE NAME: 2020-04-14\116-125.dwg



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	DRAWN - SPB	REVISED -
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PLOT DATE = 8/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 1**

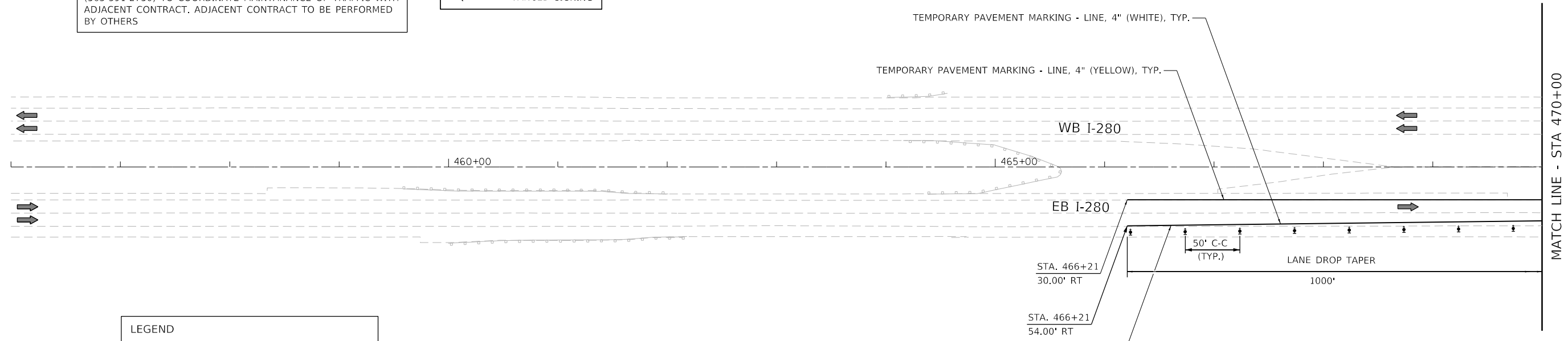
SCALE: 1" = 50' SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	65
CONTRACT NO. 64F78				

ILLINOIS FED. AID PROJECT

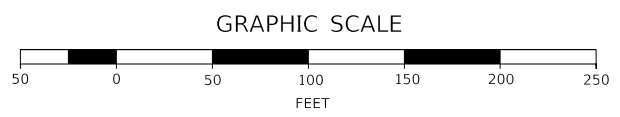
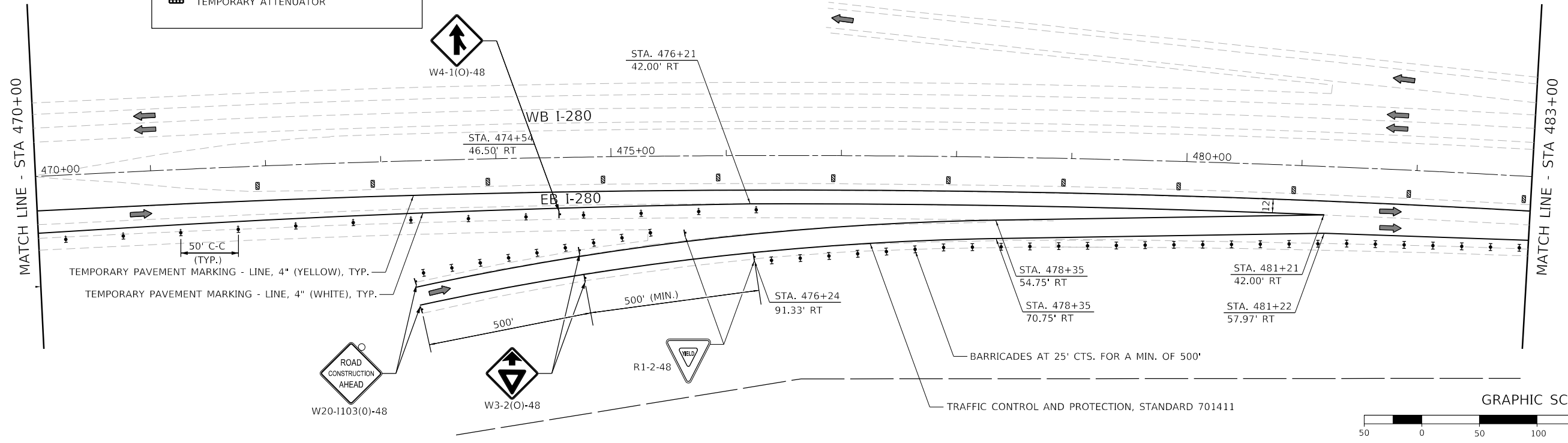
CONTRACTOR TO CONTACT DAVENPORT RESIDENCY (563-391-2750) TO COORDINATE MAINTANANCE OF TRAFFIC WITH ADJACENT CONTRACT. ADJACENT CONTRACT TO BE PERFORMED BY OTHERS

SEE STANDARD 701400 FOR REQUIRED ADVANCED SIGNING



- LEGEND**
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
  - VERTICAL PANEL (250' SPACING)
  - DIRECTION OF TRAFFIC
  - CONSTRUCTION ZONE
  - TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
  - CONSTRUCTION SIGN
  - TEMPORARY CONCRETE BARRIER
  - ARROW BOARD
  - TEMPORARY ATTENUATOR

TRAFFIC CONTROL AND PROTECTION, STANDARD 701416  
INCLUDES ALL TRAFFIC CONTROL FROM STA. 466+21 TO STA. 84+72



MODEL D:\6478\FILE NAME: 28834-1101-102-01.dgn



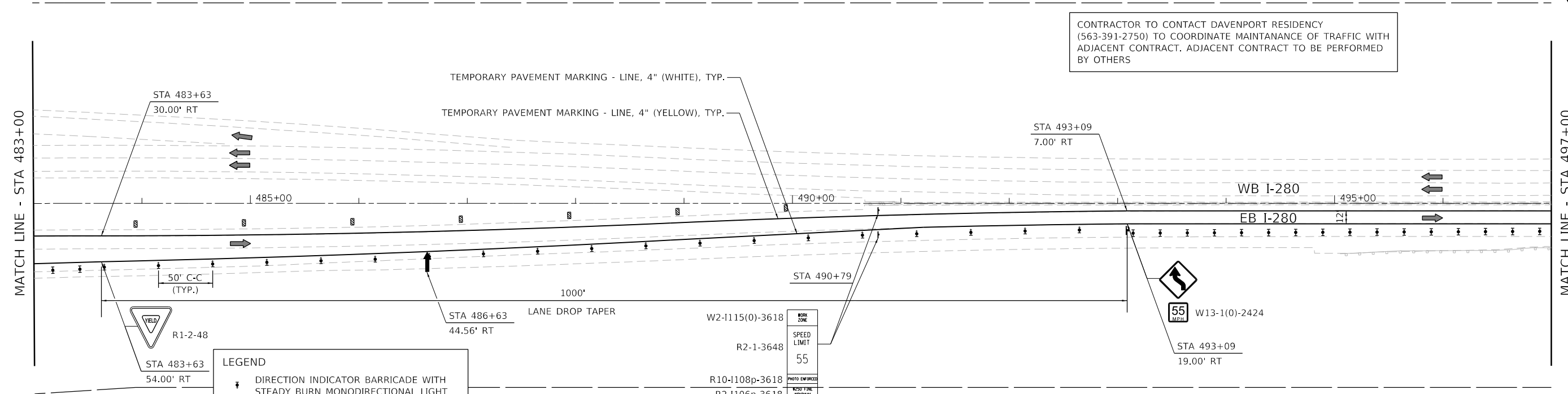
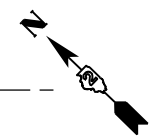
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DRAWN - SPB	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - JIR	REVISED -
PLOT DATE = 8/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 2**

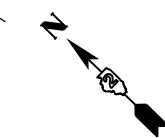
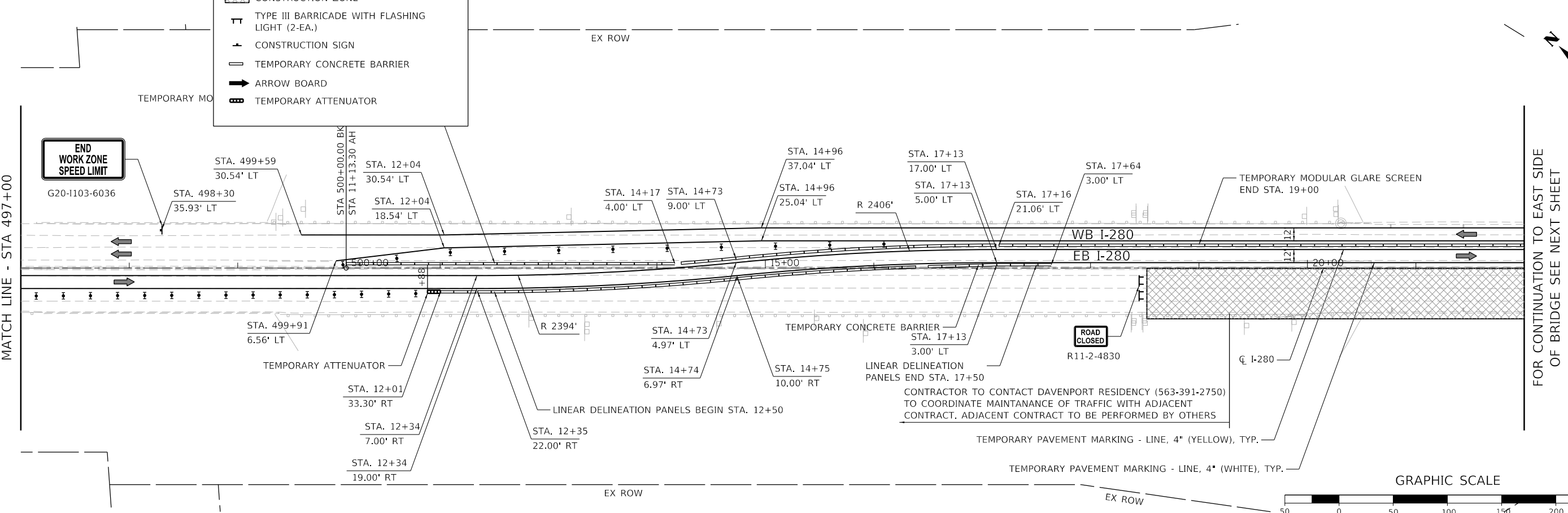
SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	66
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

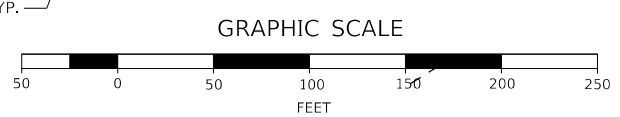


CONTRACTOR TO CONTACT DAVENPORT RESIDENCY (563-391-2750) TO COORDINATE MAINTANANCE OF TRAFFIC WITH ADJACENT CONTRACT. ADJACENT CONTRACT TO BE PERFORMED BY OTHERS

- LEGEND**
- ↓ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - ↓ TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
  - ▤ VERTICAL PANEL (250' SPACING)
  - ➔ DIRECTION OF TRAFFIC
  - ▨ CONSTRUCTION ZONE
  - ⌊ TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
  - ⊥ CONSTRUCTION SIGN
  - ▭ TEMPORARY CONCRETE BARRIER
  - ➔ ARROW BOARD
  - ▬ TEMPORARY ATTENUATOR



FOR CONTINUATION TO EAST SIDE OF BRIDGE SEE NEXT SHEET



MODEL: D:\6478\FILE: 280\280-1B-1(F&E)-101-102.dwg



USER NAME = jrobinson	DESIGNED - RGJ	REVISED -
	DRAWN - SPB	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - JIR	REVISED -
PLOT DATE = 8/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

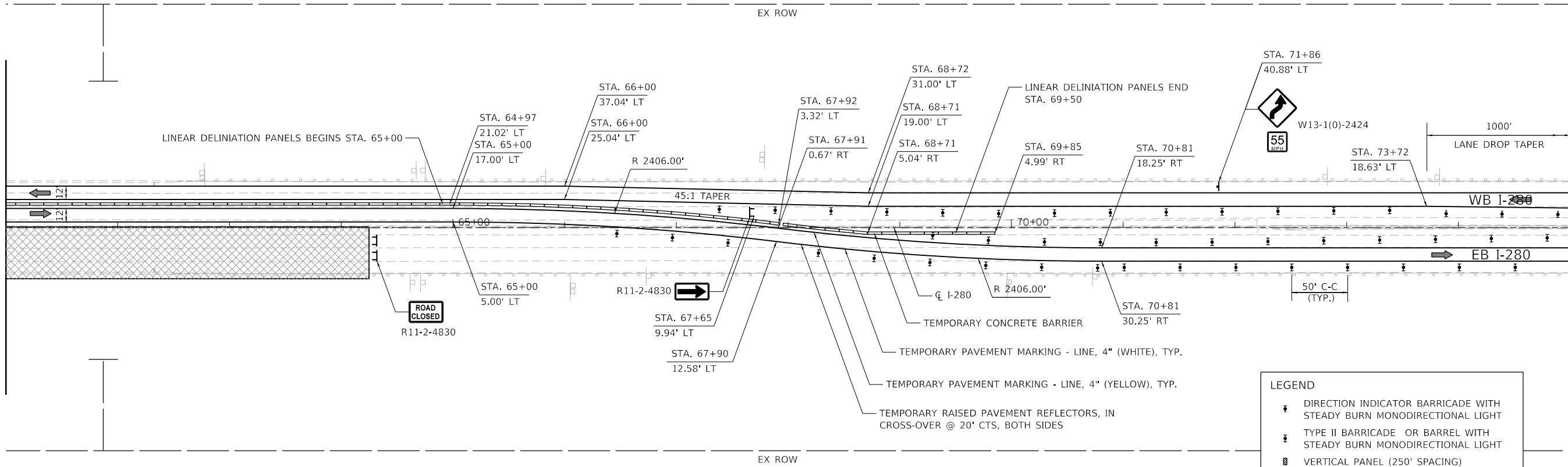
**MAINTENANCE OF TRAFFIC  
STAGE 2**

SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	67
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

FOR CONTINUATION TO WEST SIDE  
OF BRIDGE SEE PREVIOUS SHEET

MATCH LINE - STA 75+00

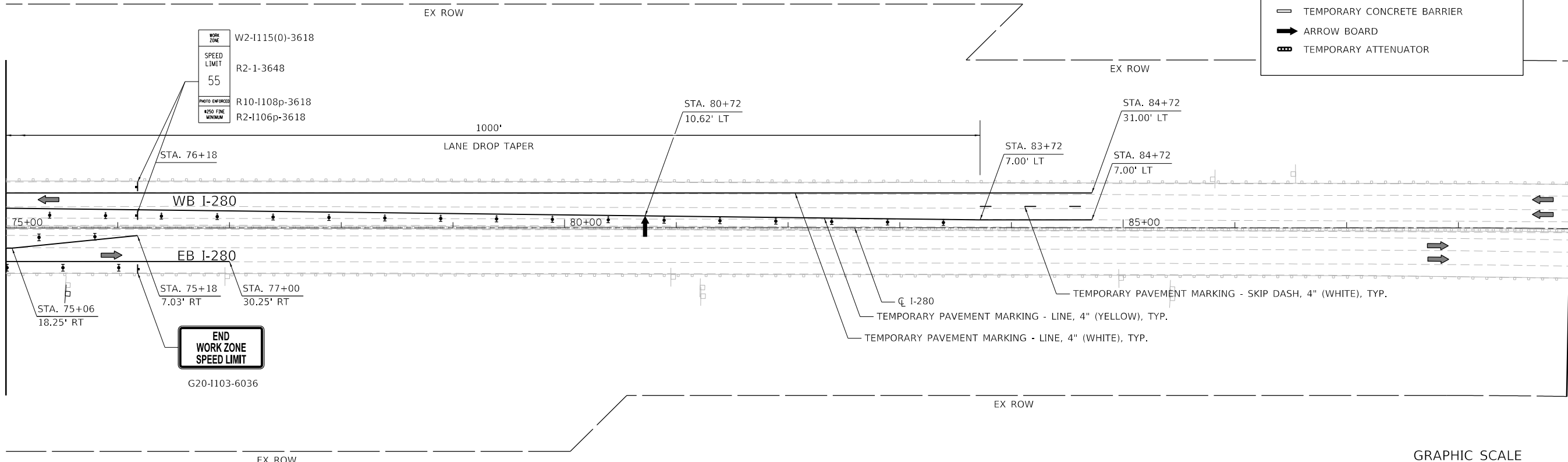


**LEGEND**

- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
- VERTICAL PANEL (250' SPACING)
- DIRECTION OF TRAFFIC
- CONSTRUCTION ZONE
- TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- CONSTRUCTION SIGN
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- TEMPORARY ATTENUATOR

MATCH LINE - STA 75+00

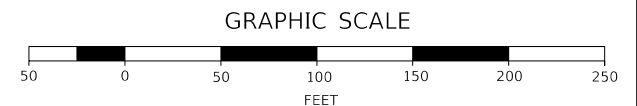
MATCH LINE - STA 89+00



WORK ZONE	W2-1115(0)-3618
SPEED LIMIT	R2-1-3648
55	
PHOTO ENFORCED	R10-1108p-3618
450 FINE MOVEMENT	R2-1106p-3618

**END  
WORK ZONE  
SPEED LIMIT**

G20-1103-6036



MODEL: D:\6478  
FILE NAME: 2020-04-14\101-503-03.dwg



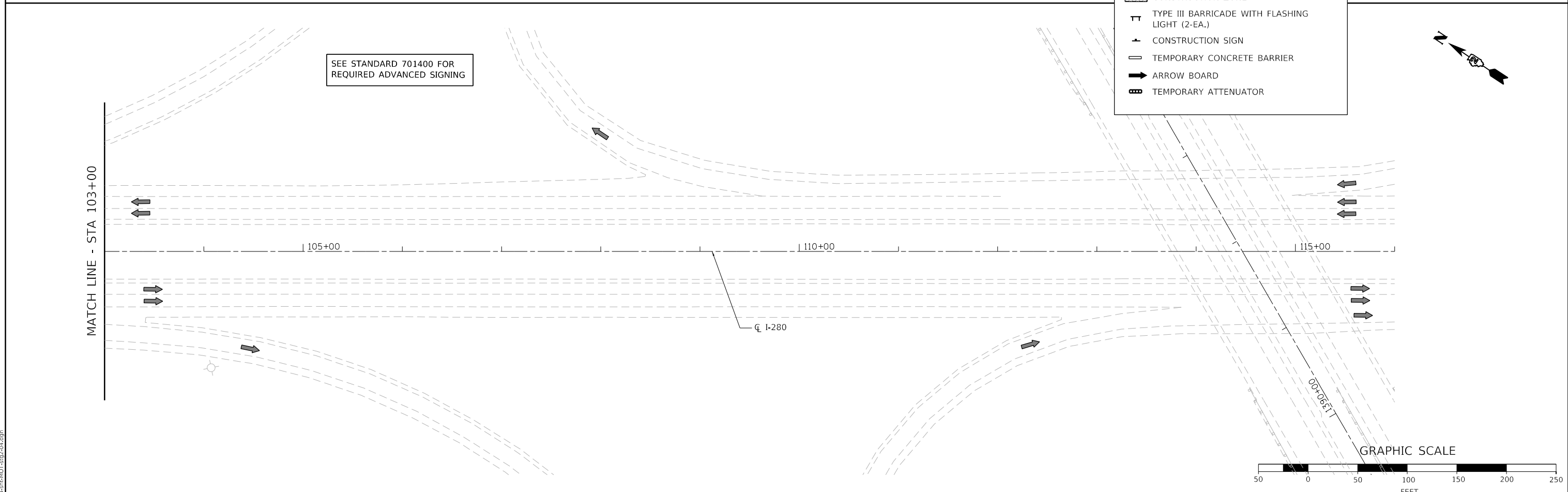
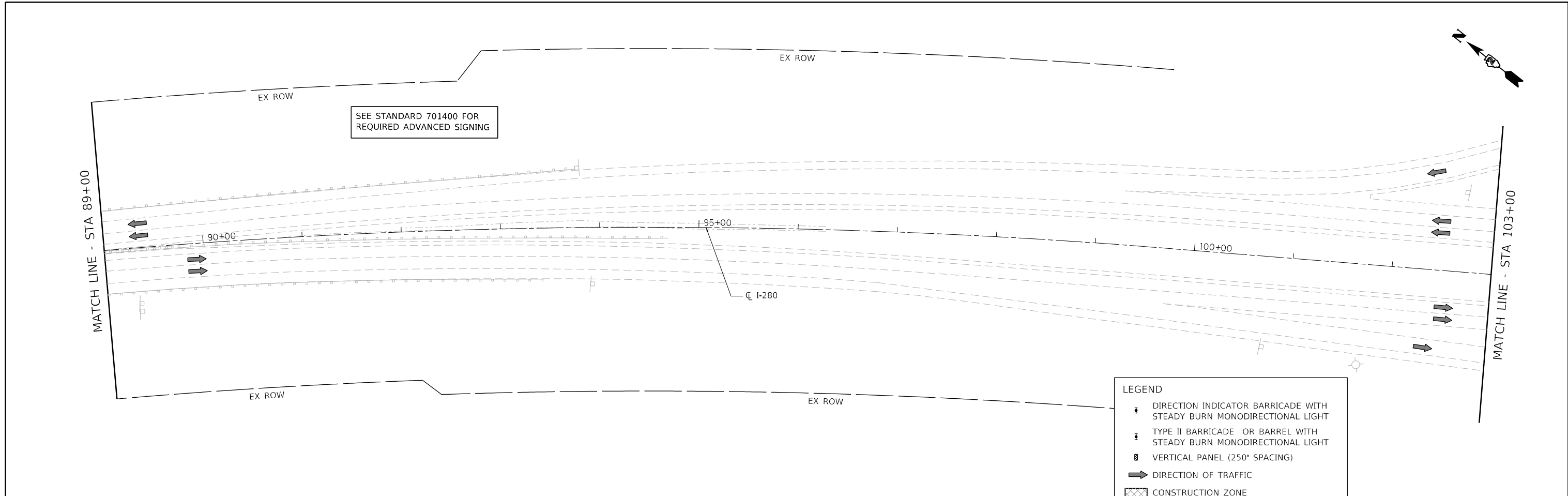
USER NAME = jrobinson	DESIGNED - RGJ	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - SPB	REVISED -
PLOT DATE = 8/19/2020	CHECKED - JIR	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 2**

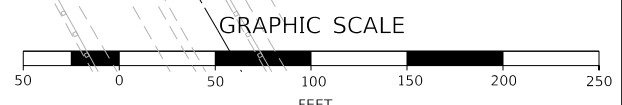
SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	68
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- ☐ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ☐ TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
- ☐ VERTICAL PANEL (250' SPACING)
- ➡ DIRECTION OF TRAFFIC
- ▨ CONSTRUCTION ZONE
- ☐ TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
- ☐ CONSTRUCTION SIGN
- ☐ TEMPORARY CONCRETE BARRIER
- ➡ ARROW BOARD
- ☐ TEMPORARY ATTENUATOR



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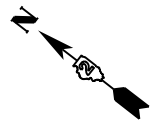
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	PLOT SCALE = 100.0000' / in.	DRAWN - SPB	REVISED -
	PLOT DATE = 8/19/2020	CHECKED - JIR	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

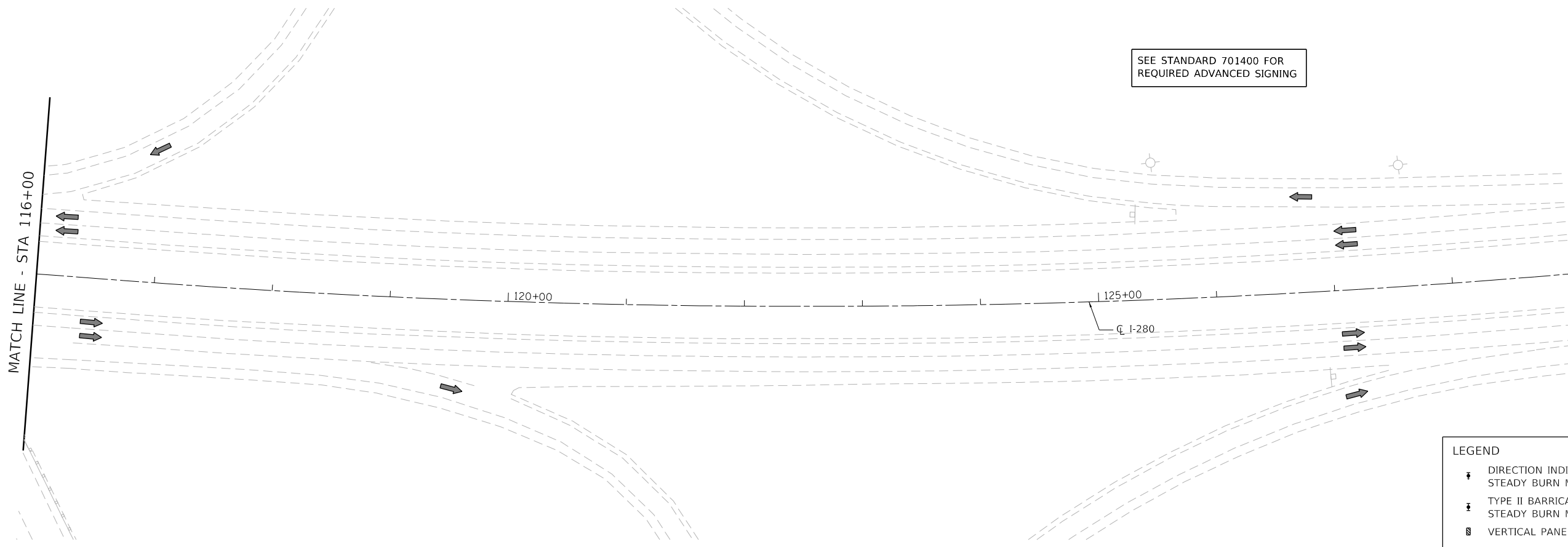
**MAINTENANCE OF TRAFFIC**  
**STAGE 2**

SCALE: 1" = 50'    SHEET 4 OF 5 SHEETS    STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

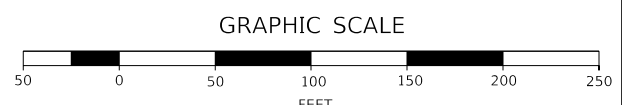
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	69
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



SEE STANDARD 701400 FOR  
REQUIRED ADVANCED SIGNING



LEGEND	
	DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	TYPE II BARRICADE OR BARREL WITH STEADY BURN MONODIRECTIONAL LIGHT
	VERTICAL PANEL (250' SPACING)
	DIRECTION OF TRAFFIC
	CONSTRUCTION ZONE
	TYPE III BARRICADE WITH FLASHING LIGHT (2-EA.)
	CONSTRUCTION SIGN
	TEMPORARY CONCRETE BARRIER
	ARROW BOARD
	TEMPORARY ATTENUATOR



MODEL D:\6478\FILE\30634-FH\MOT-602-05.dwg



USER NAME = jirobinson	DESIGNED - RGJ	REVISED -
	DRAWN - SPB	REVISED -
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PLOT DATE = 8/19/2020	DATE -	REVISED -

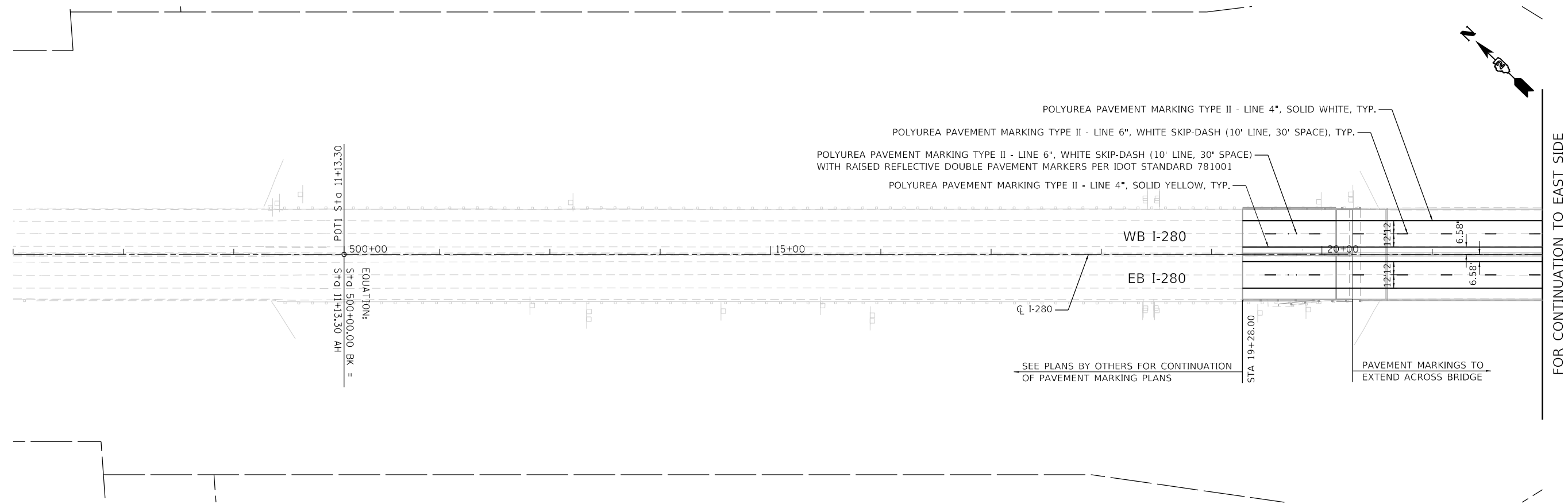
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
STAGE 2**

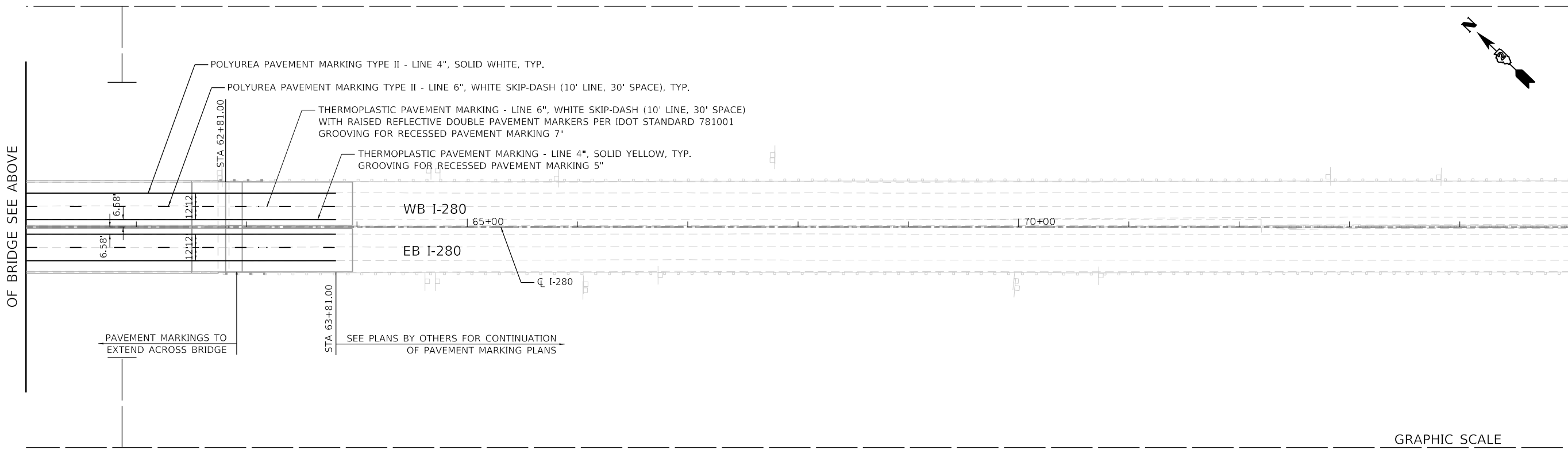
SCALE: 1" = 50'    SHEET 5    OF 5    SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	70
CONTRACT NO. 64F78				

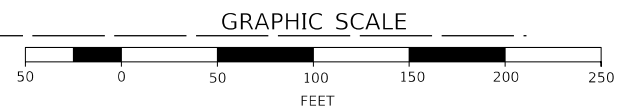
ILLINOIS FED. AID PROJECT



FOR CONTINUATION TO EAST SIDE  
OF BRIDGE SEE BELOW



FOR CONTINUATION TO WEST SIDE  
OF BRIDGE SEE ABOVE



MODEL: D:\64\11  
FILE: 280\280-24-entom01.dgn



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PLOT DATE = 8/19/2020	CHECKED - JIR	REVISED -
	DATE -	REVISED -

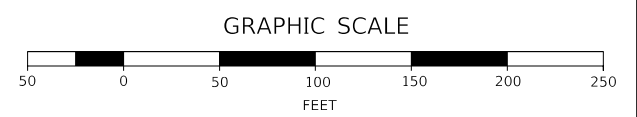
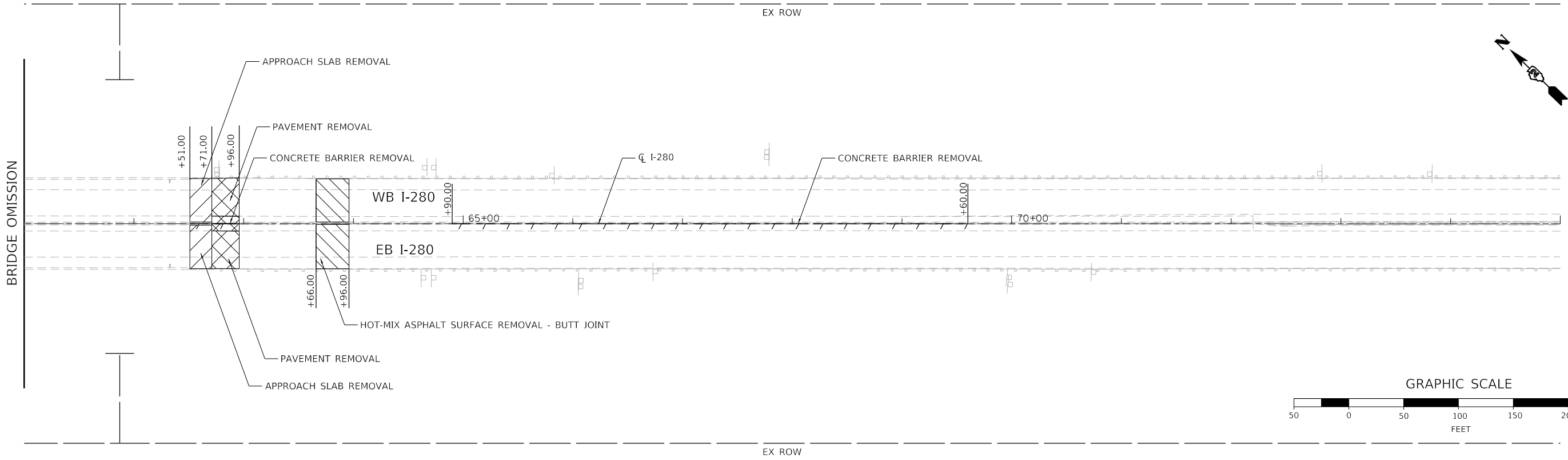
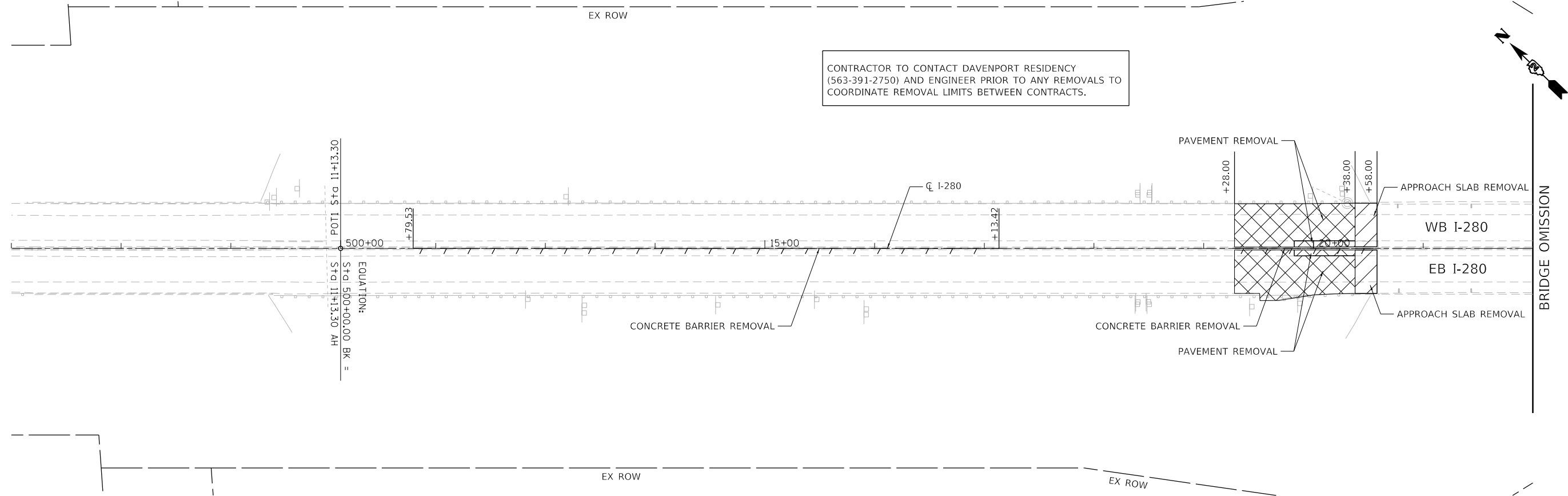
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	71
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

CONTRACTOR TO CONTACT DAVENPORT RESIDENCY (563-391-2750) AND ENGINEER PRIOR TO ANY REMOVALS TO COORDINATE REMOVAL LIMITS BETWEEN CONTRACTS.



MODEL: D:\6478  
FILE: 280-1B-81-1(F&E)-81-1D.dwg



USER NAME = jirobinson	DESIGNED - SPB	REVISED -
	DRAWN - SPB	REVISED -
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PLOT DATE = 8/19/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

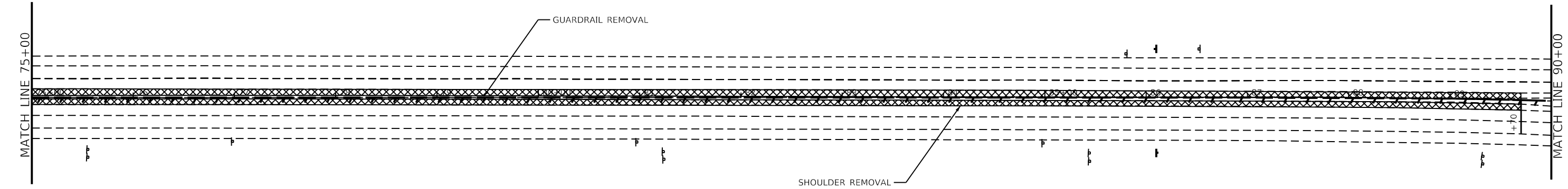
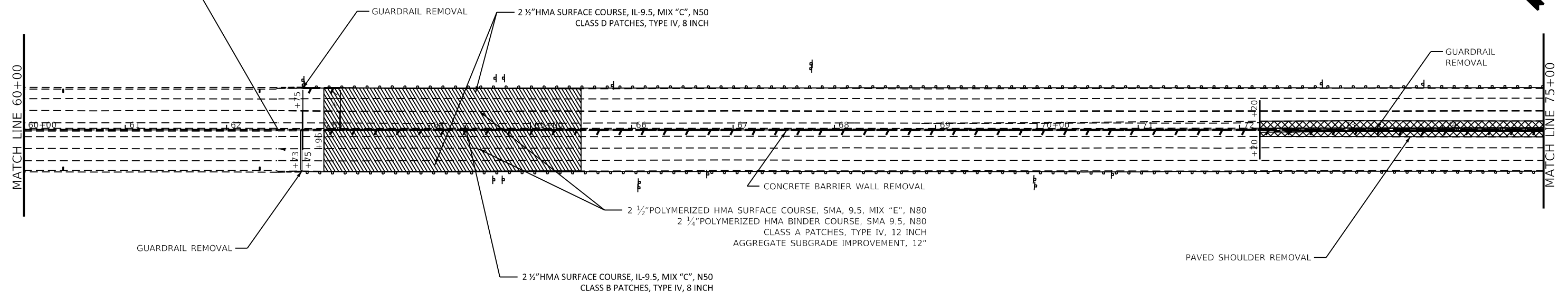
REMOVAL PLAN

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	72
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



PROJECT STARTS  
STA 62+51.00



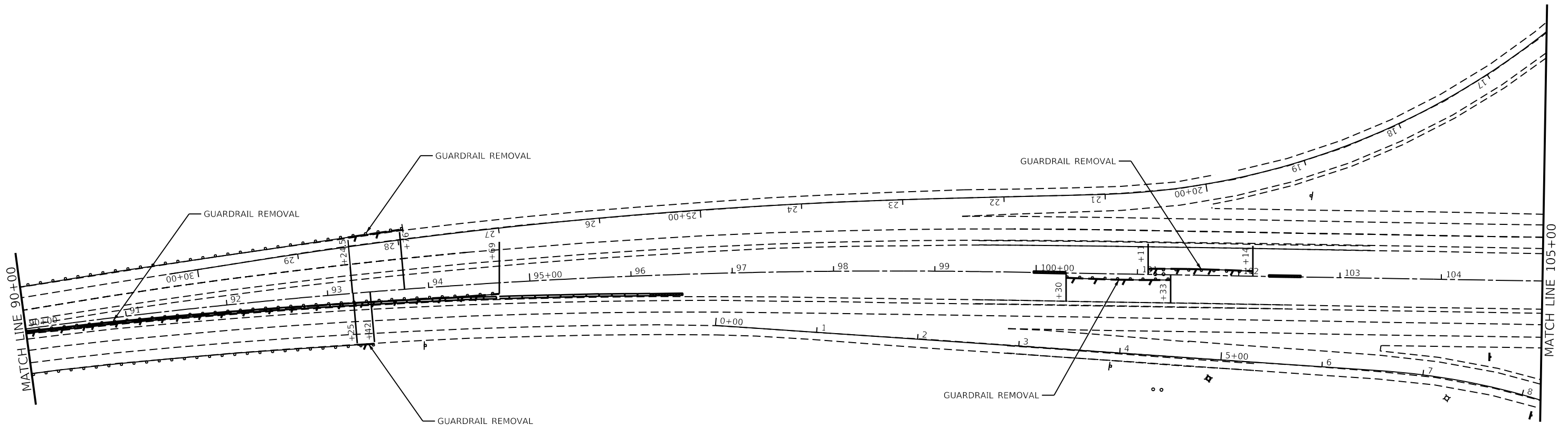
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	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

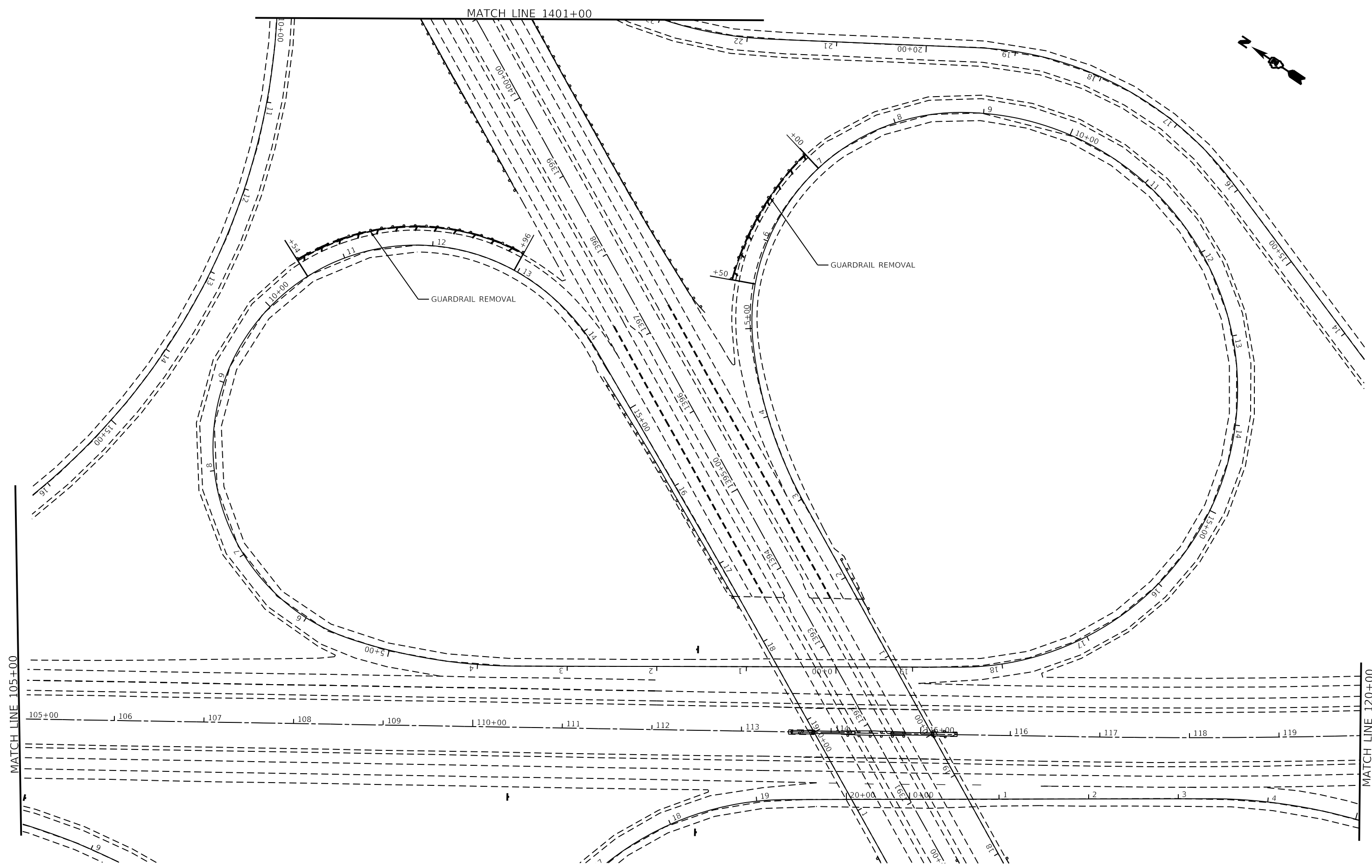
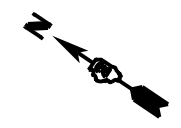
<b>REMOVAL PLAN</b>			
SCALE:	SHEET 1	OF 4	SHEETS
STA.	TO STA.		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1-280	(81-1B)D&(91-1-1,81-1-2) RS-	ROCK ISLAND	306	73
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



MOE:\1 - Default  
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	DRAWN -	REVISED -				1-280	81-1B)D&(91-1-1,81-1-2) RS-	ROCK ISLAND	306	74
	CHECKED -	REVISED -		SCALE:      SHEET 2    OF 4    SHEETS    STA.                      TO STA.		CONTRACT NO. 64F78				
DATE -	REVISED -			ILLINOIS FED. AID PROJECT						



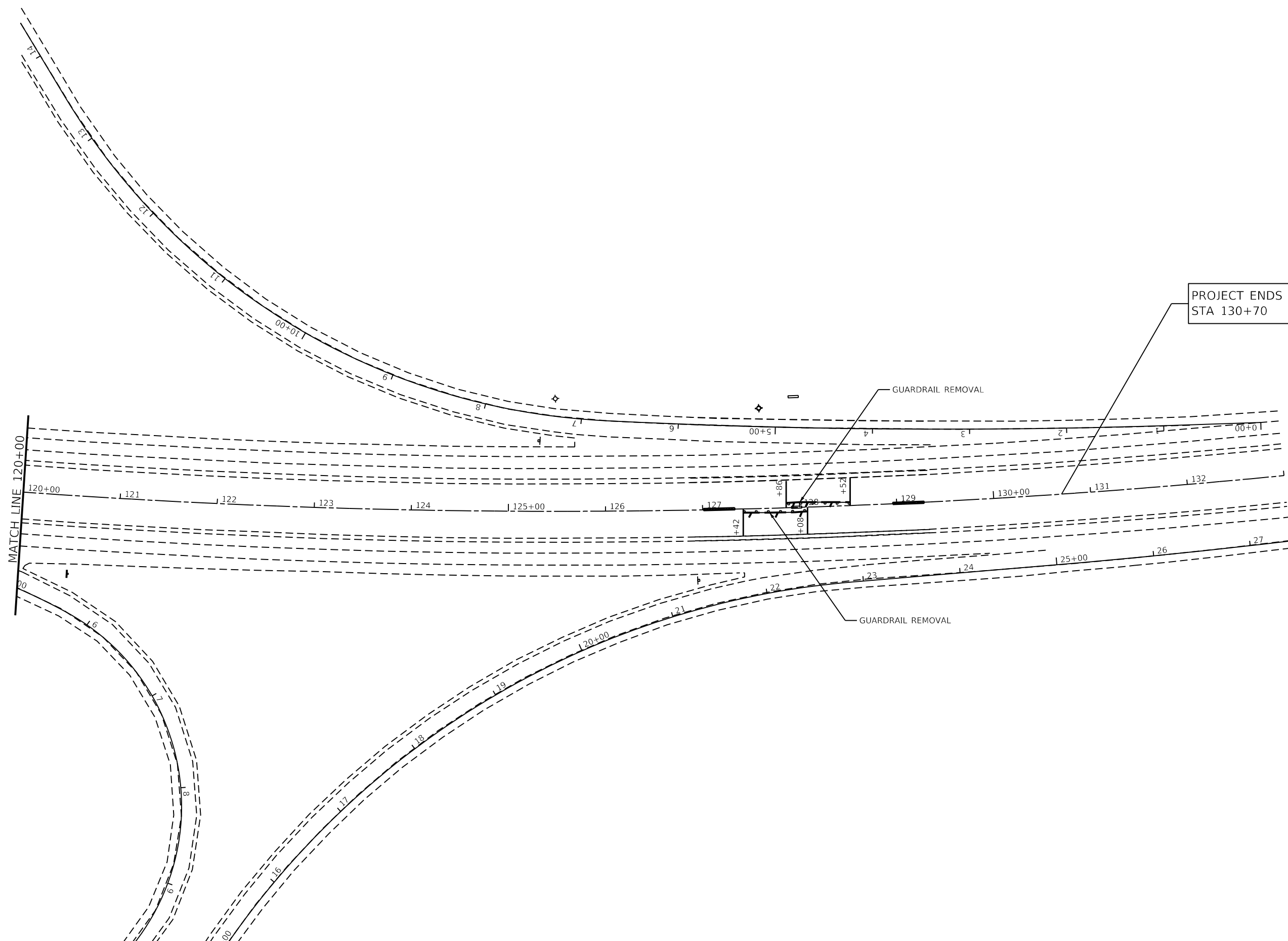
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	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL PLAN</b>			
SCALE:	SHEET 3	OF 4	SHEETS
STA.		TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



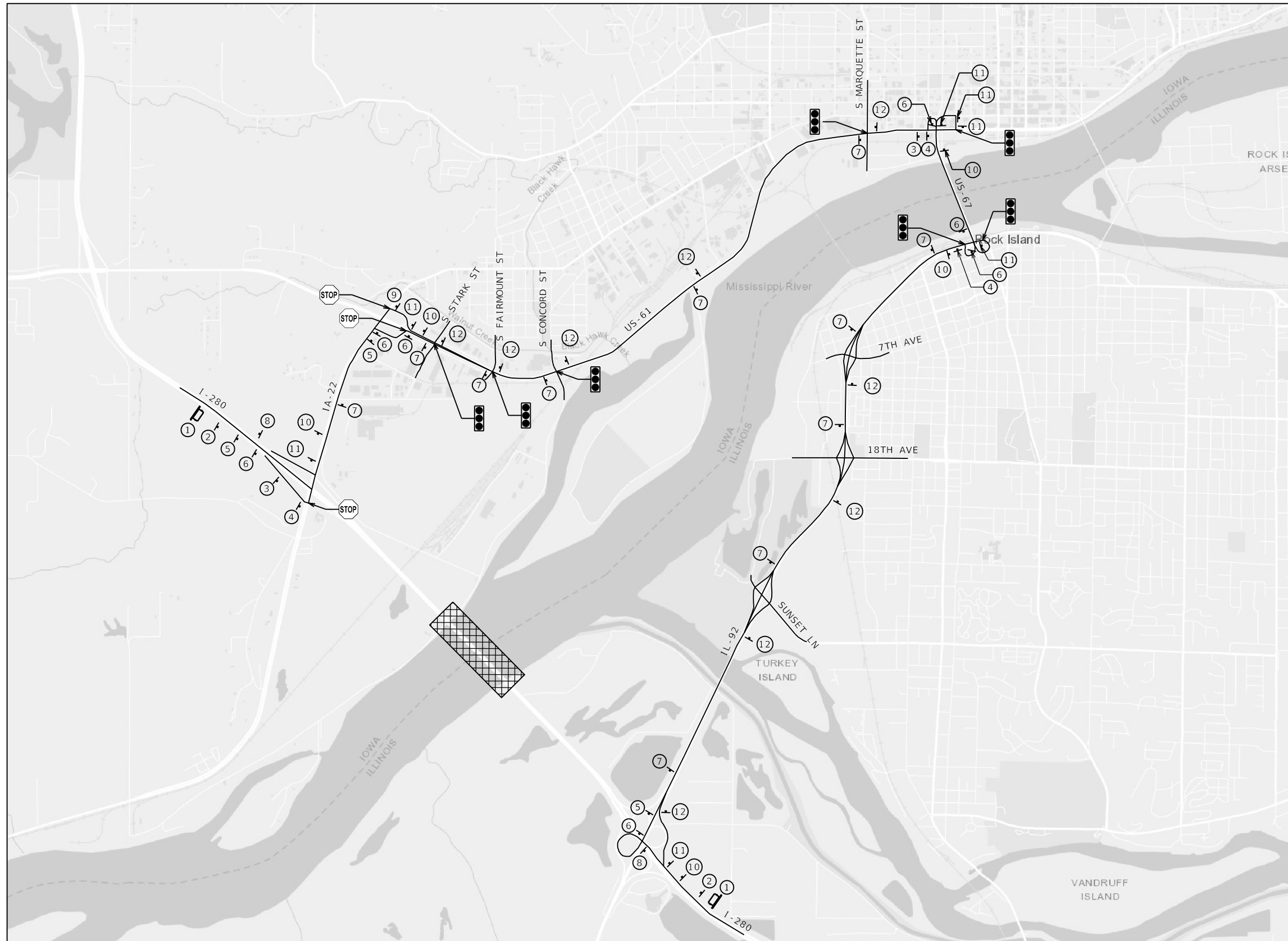
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	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL PLAN</b>			
SCALE:	SHEET 4	OF 4	SHEETS
	STA.	TO STA.	




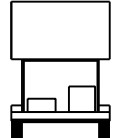











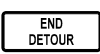

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1-280	81-1B)D&(91-1-1,81-1-2) RS-	ROCK ISLAND	306	76
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



### NOTES

1. ALL ADVANCED SIGNS APPROACHING THE DETOUR, PRIOR TO THE FIRST EXIT, SHALL REMAIN COVERED UNTIL THE DETOUR ROUTE IS ACTIVATED.

### LEGEND

	WORK ZONE
	CHANGABLE MESSAGE SIGN
	SIGN
① 	CHANGEABLE MESSAGE SIGN
② 	W20-2-4848
③ 	
④ 	
⑤ 	
⑥ 	
⑦ 	
⑧ 	
⑨ 	
⑩ 	
⑪ 	
⑫ 	
⑬ 	M4-8A-2418
⑭ 	R11-2-4830

DETOUR ROUTE

- 1 TYPE III BARRICADES WITH FLASHERS PLACED AS SHOWN IN STANDARD 701901.

MODEL: D:\64bit... FILE NAME: 2023-11-10-Detour-Local.dgn



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	DRAWN - SPB	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED - JIR	REVISED -
PLOT DATE = 8/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

### LOCAL DETOUR PLAN


SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	77
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				


### NOTES

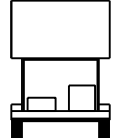
1. ALL ADVANCED SIGNS APPROACHING THE DETOUR, PRIOR TO THE FIRST EXIT, SHALL REMAIN COVERED UNTIL THE DETOUR ROUTE IS ACTIVATED.
2. DETOUR ROUTE SIGNING THAT INDICATES A VEHICLE TURNING NOW OR IN THE FUTURE, REQUIRES TWO DETOUR SIGNS, ONE SIGN PLACED ON EACH SHOULDER.


### LEGEND


 WORK ZONE


 CHANGABLE MESSAGE SIGN


 SIGN


①  CHANGEABLE MESSAGE SIGN


②  W20-2-4848


③ 


④ 


⑤ 


⑥ 


⑦ 

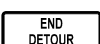
⑧ 


⑨ 

⑩ 

⑪ 

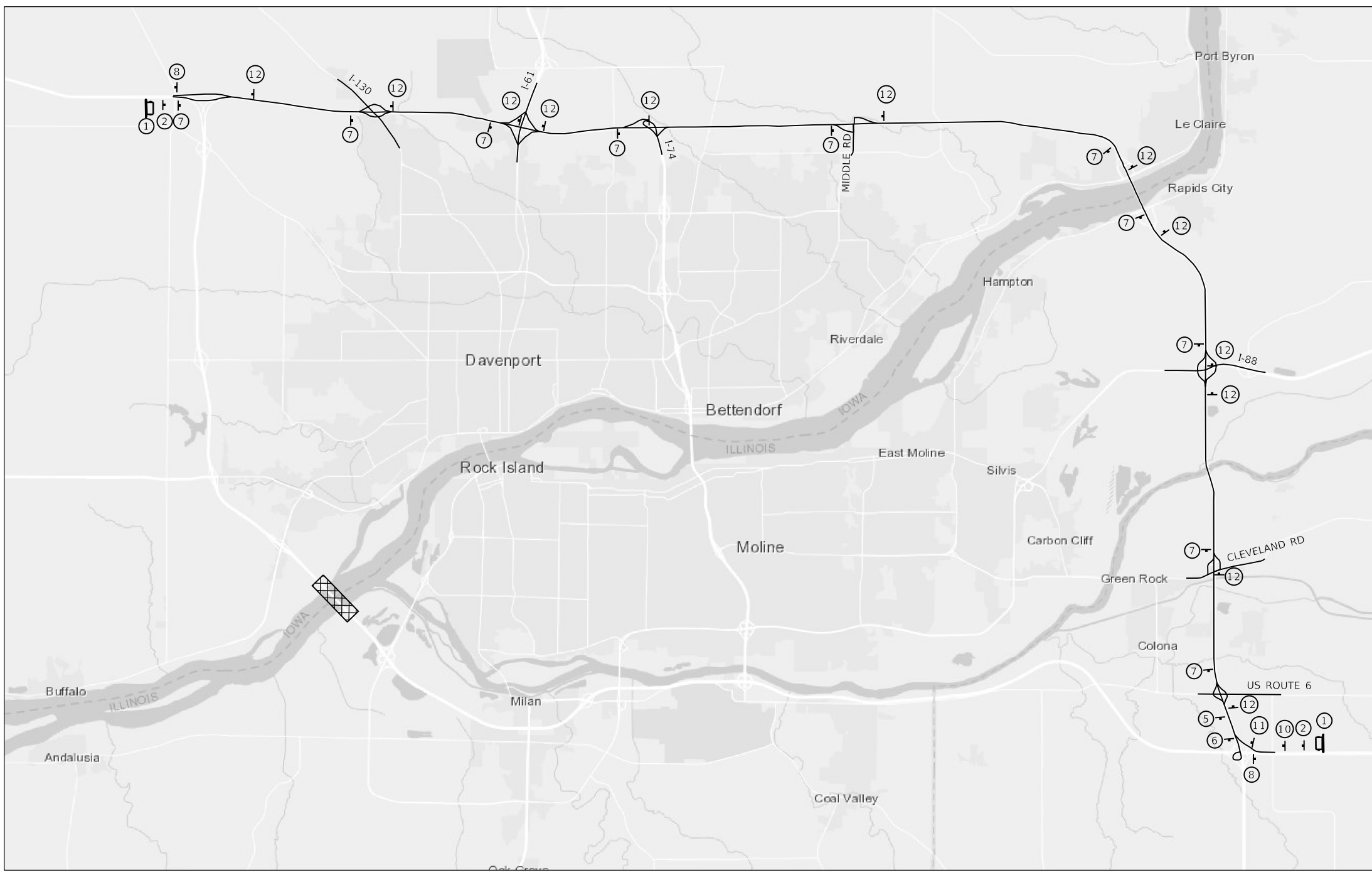
⑫ 

⑬  M4-8A-2418

⑭  R11-2-4830

DETOUR ROUTE

① TYPE III BARRICADES WITH FLASHERS PLACED AS SHOWN IN STANDARD 701901.



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FILE NAME: 2023-11-01-DetourGlobal.dwg



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PLOT DATE = 8/19/2020	CHECKED - JIR	REVISED -
	DATE -	REVISED -








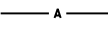
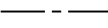
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GLOBAL DETOUR PLAN**

SCALE: 1" = XX'    SHEET 2 OF 2 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1B, 81-1(F&E) & 81-1D	ROCK ISLAND	306	78
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

**LIGHTING LEGEND:**

-  EXISTING ELECTRIC SERVICE
-  PROPOSED ELECTRIC SERVICE
-  EXISTING LIGHTING CONTROLLER
-  PROPOSED TEMPORARY LIGHTING CONTROLLER
-  EXISTING LIGHTING UNIT
-  PROPOSED TEMPORARY LIGHTING UNIT, 50FT WOOD POLE, CLASS 3, WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H
-  GUY WIRE ANCHOR
-  PROPOSED AERIAL CABLE, SIZED AS NOTED
-  PROPOSED DIRECT BURIED CABLE, SIZED AS NOTED



**BILL OF MATERIALS:**

PAY ITEM		UNIT	TOTALS
X8410102	TEMPORARY LIGHTING SYSTEM	LSUM	1

**GENERAL NOTES:**

1. THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
2. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BIDDING. THERE WILL BE NO ADDITIONAL COMPENSATION PAID FOR CLAIMS THAT ARISE FROM A FAILURE TO FULLY INVESTIGATE EXISTING FIELD CONDITIONS.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND LOCATE ALL EXISTING UNDERGROUND FACILITIES WITHIN THE LIMITS OF THE PROJECT. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
4. ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
5. GUYS WIRE ANCHORS ARE SHOWN AS AN EXAMPLE AND SHALL BE INSTALLED AS NECESSARY TO THE ENGINEERS SATISFACTION.

**CABLE/CONDUIT SCHEDULE:**

-  AERIAL CABLE 2-1C NO. 6 WITH MESSENGER WIRE.
-  UNDERGROUND ELECTRIC CABLE, ALUMINUM, 600V, 2-1C NO. 2, 1/C NO. 4 GROUND (XLP-TYPE USE) DIRECT BURIED.

**HIGHWAY STANDARDS**

- \*\* 825001-04 LIGHTING CONTROLLER POLE MOUNTED, 240V
- 830026-01 TEMPORARY ROADWAY LIGHTING

\*\* TO BE USED FOR TEMPORARY LIGHTING CONTROLLER.

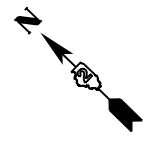
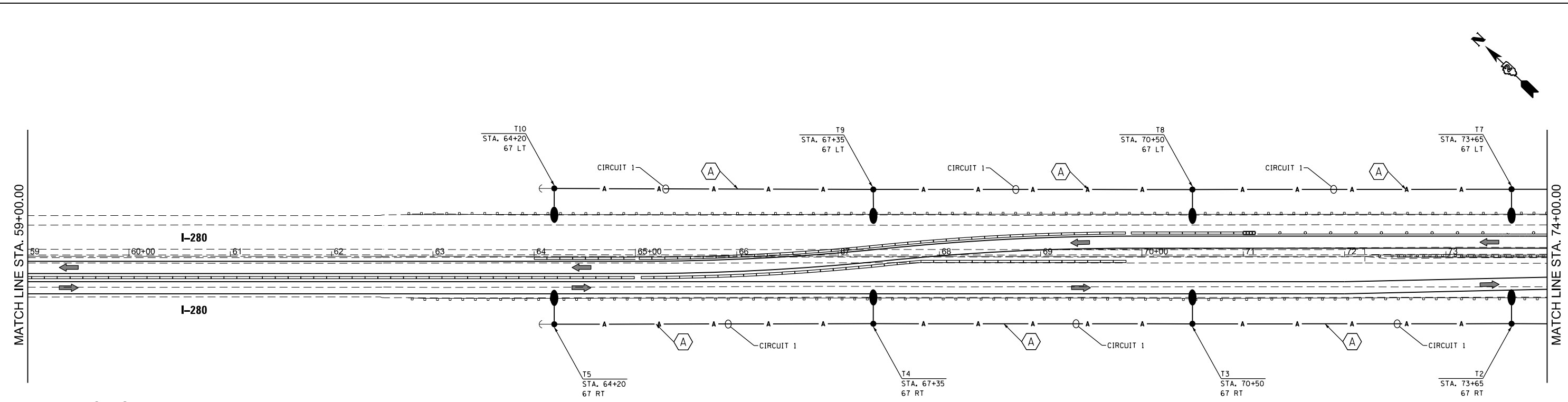
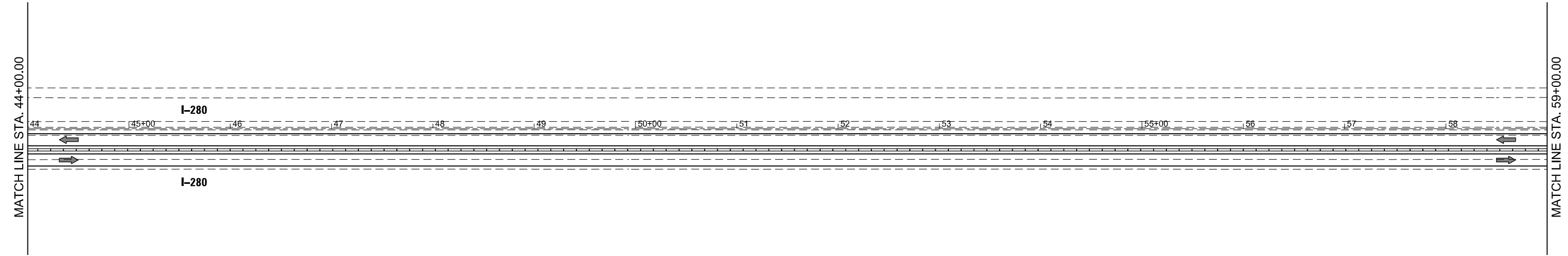
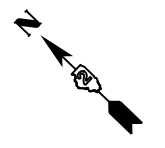
**INDEX OF SHEETS**

- L-1 CABLE/CONDUIT SCHEDULE, GENERAL NOTES, HIGHWAY STANDARDS, INDEX OF SHEETS, LIGHTING LEGEND, AND BILL OF MATERIALS.
- L-2 PROPOSED TEMPORARY LIGHT PLAN, STAGE 1
- L-3 PROPOSED TEMPORARY LIGHT PLAN, STAGE 1
- L-4 PROPOSED TEMPORARY LIGHT PLAN, STAGE 1
- L-5 WIRING DIAGRAM AND LUMINAIRE PERFORMANCE TABLE.

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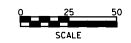
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PLOT SCALE = 100,0000' / In.	DRAWN -	REVISED -			280	*	ROCK ISLAND	306	79	
PLOT DATE = 7/20/2020	CHECKED -	REVISED -			CONTRACT NO. 64F78					
	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

\* (81-1B)D & (81-1-1, 81-1-2)RS-1



**NOTES**

- TEMPORARY LIGHTING SHALL BE INSTALLED IN STAGE 1 AND REMOVED AFTER STAGE 3 OF CONSTRUCTION.



MODEL: D:\h\h\...  
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L-2

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DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/20/2020	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

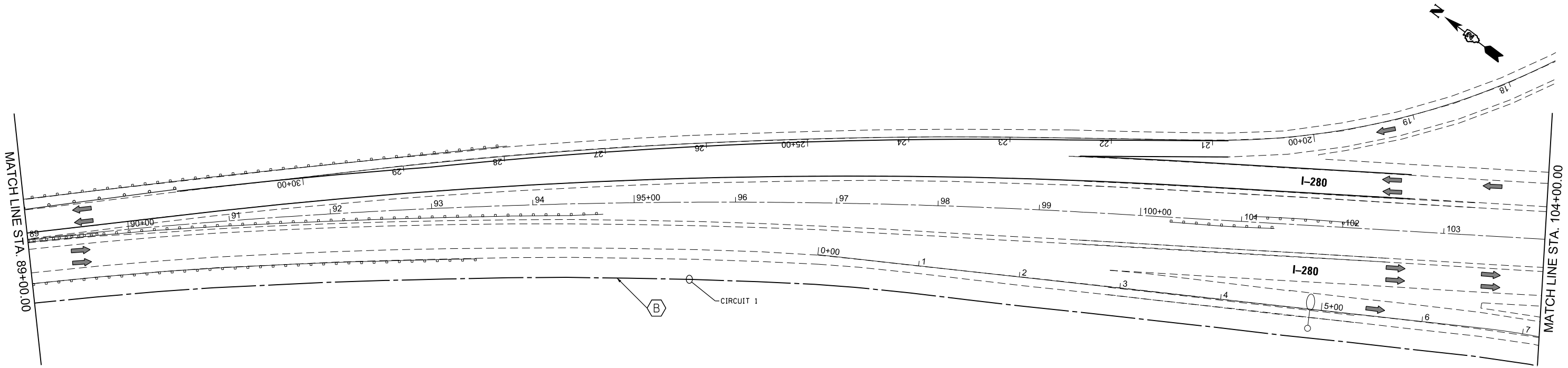
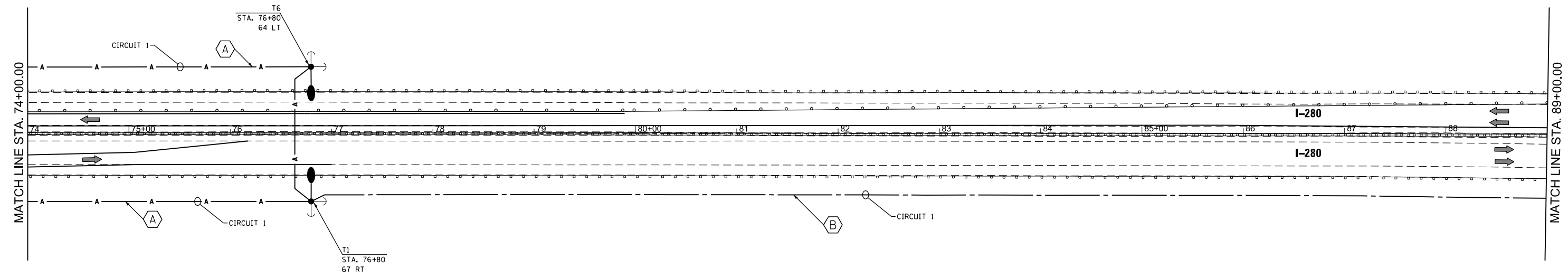
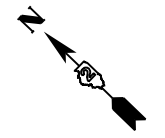
**PROPOSED TEMPORARY LIGHTING PLAN, STAGE 1**

SCALE:      SHEET      OF      SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	*	ROCK ISLAND	306	80
CONTRACT NO. 64F78				
		ILLINOIS	FED. AID PROJECT	

\* (81-1B)D & (81-1-1, 81-1-2)RS-1





**NOTES**

- TEMPORARY LIGHTING SHALL BE INSTALLED IN STAGE 1 AND REMOVED AFTER STAGE 3 OF CONSTRUCTION.



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DRAWN -	REVISIONS -	
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PLOT DATE = 7/20/2020	DATE -	REVISED -

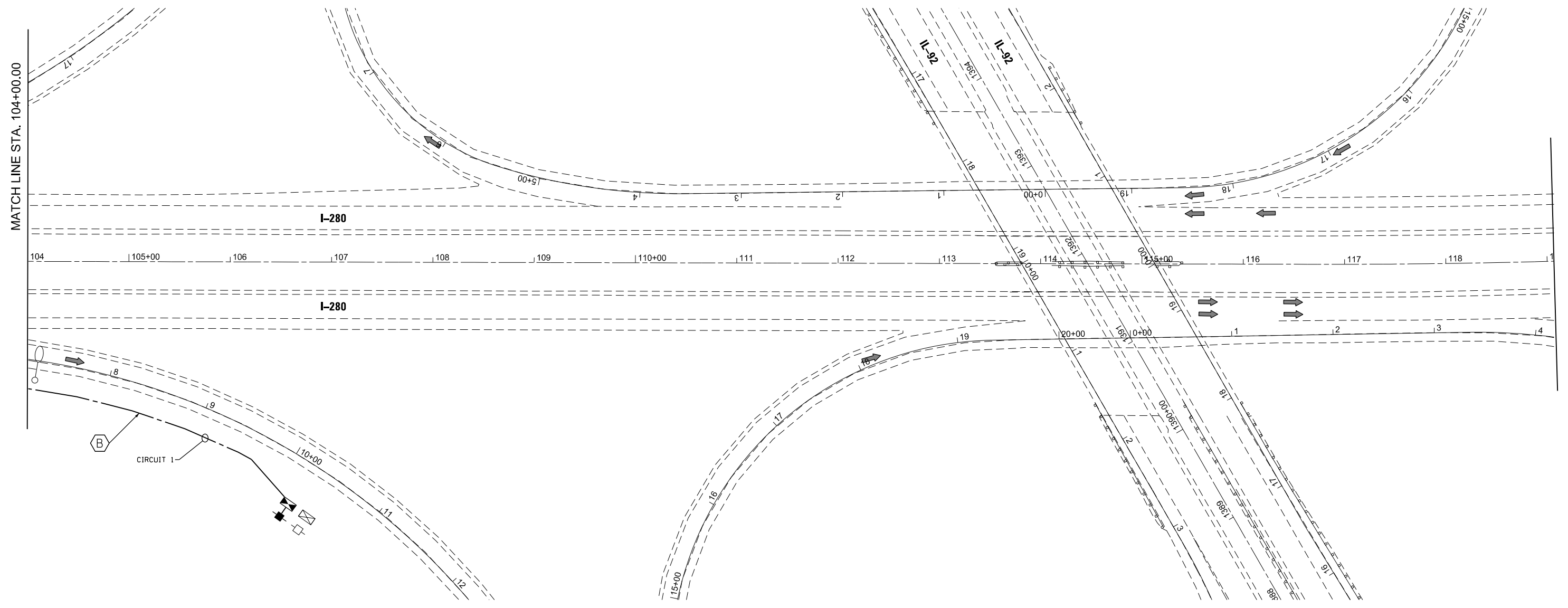
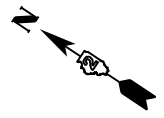
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TEMPORARY LIGHTING PLAN, STAGE 1**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	*	ROCK ISLAND	306	81
CONTRACT NO. 64F78				
ILLINOIS		FED. AID PROJECT		

\* (81-1B)D & (81-1-1, 81-1-2)RS-1



**NOTES**

- TEMPORARY LIGHTING SHALL BE INSTALLED IN STAGE 1 AND REMOVED AFTER STAGE 3 OF CONSTRUCTION.



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PLOT DATE = 7/20/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TEMPORARY LIGHTING PLAN, STAGE 1**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	*	ROCK ISLAND	306	82
CONTRACT NO. 64F78				
		ILLINOIS	FED. AID PROJECT	

\* (81-1B)D & (81-1-1, 81-1-2)RS-1



Luminaire Performance Table



**Project**  
 Date: 07/13/20 Contract Number: 64F78 Section Number: (81-1B)D County: Rock Island  
 Marked Route Number: I-280 Municipality:

**Roadway**  
 Lane Width: 12 # of Lanes: 2 Median Width: 15 I.E.S. Surface Classification: R3 Q-Zero Value: 0.07

**Structure**  
 Mounting Height: 40 FT Arm Length: 1 FT Set-Back: 30 FT Number of Luminares (Highmast & Sign Lighting Only): N/A

**Luminaire**  
 Description: Luminaire, LED, Roadway, Output H I.E.S. Lateral Distribution: TYPE III I.E.S. Vertical Distribution: MEDIUM  
 Total Light Loss Factor (LLF): 0.7 B-U-G Rating: U = 0 Shields: N/A Dimming Protocol: 10V

**Layout**  
 Spacing (to Nearest 5 ft): 315 FT Configuration (Opposite, Staggered, 1 Sided, or Median): Opposite

**Performance**  
 Average Illuminance,  $E_{AVE}$  (fc): 0.6 Uniformity Ratio,  $E_{AVE}/E_{MIN}$ : 3.0  
 Average Luminance,  $L_{AVE}$  (cd/m<sup>2</sup>): N/A Uniformity Ratio,  $L_{AVE}/L_{MIN}$ : N/A Uniformity Ratio,  $L_{MAX}/L_{MIN}$ : N/A Veiling Luminance Ratio,  $L_v/L_{AVE}$ : N/A

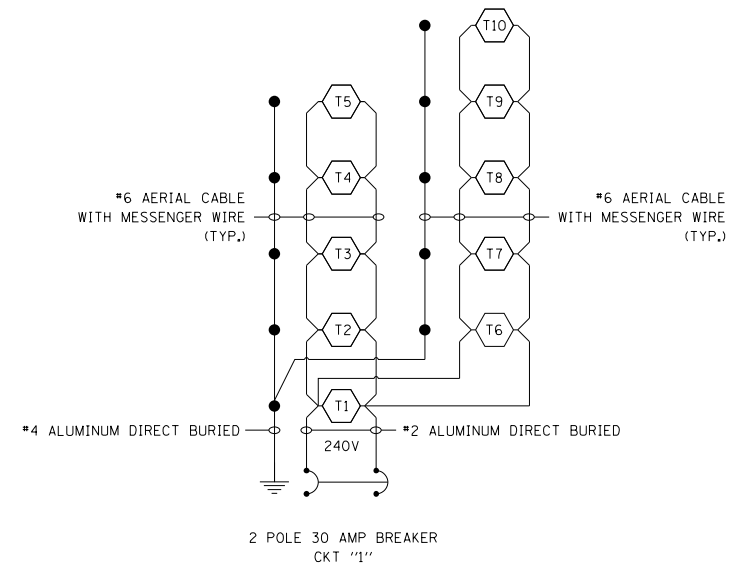
**Light Trespass**  
 Distance to ROW (behind pole): N/A Max. Horizontal Illuminance at ROW,  $E_H$ : N/A Max. Vertical Illuminance at ROW,  $E_v$ : N/A

- Notes**
- Set-Back is from Edge of Pavement (white line) except for sign luminaires when it is vertical and horizontal distance from the sign to the luminaire.
  - Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to the roadway.
  - Total Light Loss Factor (LLF) = the product of "Lumen Maintenance" (LLD) = 0.9, "Dirt Depreciation" (LDD) = 0.8, and "Equipment Factors" (EF) = 0.95.
  - Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

Lighting calculations shall be performed with two lanes in each direction with a 15 ft median.  
 Compliance with performance criteria shall be held to one significant digit.  
 Initial lumens of the proposed luminaire may vary from the values specified in the table given in Article 1067.06 of the BDE Special Provision for Luminaire, LED.

Printed 07/20/20 BDE 5630 (04/10/19)

LUMINAIRE PERFORMANCE TABLE



**I-280 CROSSOVER**  
 TEMPORARY LIGHTING CONTROLLER - 120/240V, 30AMP  
 SOUTHWEST RAMP OF I-280 AND IL-92 INTERCHANGE

- LEGEND**
- TEMPORARY LIGHTING UNIT.
  - GROUND ROD.

- NOTES:**
- 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.

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PLOT DATE = 7/20/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WIRING DIAGRAM AND LUMINAIRE PERFORMANCE TABLE.**

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	*	ROCK ISLAND	306	83
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				

\* (81-1B)D & (81-1-1, 81-1-2)RS-1

**BENCHMARK**

Square cut on top of concrete barrier wall at the beginning of the bridge eastbound on Illinois side of river. Elev. 588.073

**EXISTING STRUCTURE**

Structure Number 081-0106 was built in 1970 and carries EB & WB Interstate Route 280, over the Mississippi River. The bridge consists of 9 Units (14 spans for the East approach, a tied arch span, and 13 spans for the West approach) with a total length of 4,193'-0" back-to-back of abutments. The superstructure of approach spans consist of a stay in place form reinforced concrete deck supported on welded plate girders. The main 570'-0" tied arch span supports the stay in place form reinforced concrete deck on stringers and floor beams. The abutments are pile bents founded on concrete encased piles and piers are reinforced concrete piers consisting of two column bents founded on a single footing, supported either directly on shale or with steel H piles.

One lane of traffic in each direction shall be maintained utilizing stage construction.

Aluminum handrail to be salvaged.

**SCOPE OF WORK**

1. Remove existing stay in place formed deck on approach spans and arch span and replace with an 8 3/4" deck (prior to grinding) at the approach spans, and 8 1/4" deck (prior to grinding) within the tied arch span. The profile will be raised to accommodate new 2.00% cross-slope.
2. Install additional shear stud connectors in positive moment areas of existing approach span girders as required.
3. Clean and paint existing structural steel, including bearings, within 10 feet of expansion joints, or as noted. Clean and paint arch ties and the exterior face and bottom flange of fascia girders the entire length of approach spans.
4. Remove existing approach slabs and replace with current standards.
5. Repair existing substructure using formed concrete repair and epoxy crack injection.
6. Replace existing preformed joint sealer within arch and preformed joint and finger plate joints on approach spans with preformed joint strip seal and modular expansion joints.
7. Reconstruct bearing seats at abutments and piers 3, 7, 10, 17, 20 & 24 to accommodate new elastomeric expansion bearings.

**DESIGN SPECIFICATIONS**

2002 AASHTO Standard Specifications For Highway Bridges, 17th Edition

**DESIGN STRESSES**

**FIELD UNITS (EXISTING CONSTRUCTION)**

f'c = 3,500 psi  
 fy = 40,000 psi (Reinforcement)  
 fy = 36,000 psi (A36 - Units 1, 2, 3, 7, 8 & 9, Cross Fames, Interm. Stiffeners, Long. Stiffeners & End Diaphragms)  
 fy = 50,000 psi (A588 - Units 4, 5 & 6)

**FIELD UNITS (NEW CONSTRUCTION)**

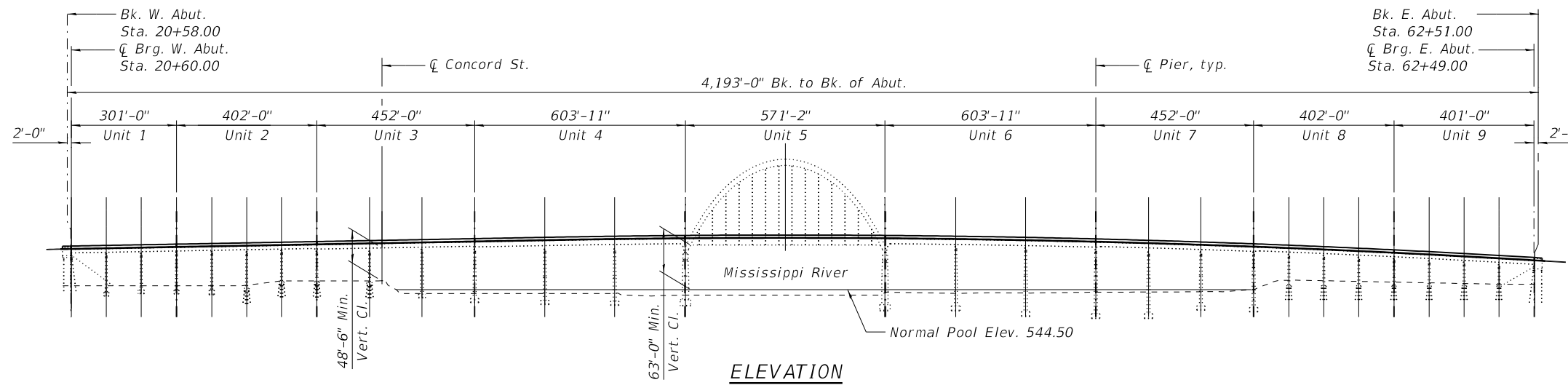
f'c = 4,000 psi (Superstructure)  
 f'c = 3,500 psi (Substructure)  
 fy = 60,000 psi (Reinforcement)  
 fy = 50,000 psi (M270 Grade 50, Elastomeric Bearings)  
 fy = 36,000 psi (M270 Grade 36, Structural Steel)

**DESIGN LOADING HS20-44 & ALT.**

Allow 25#/sq. ft. for future wearing surface.

**SEISMIC DATA**

Seismic Performance Category (SPC) = A  
 Horiz. Bedrock Acceleration Coefficient (A) = 0.033g  
 Site Coefficient (S) = 1.0



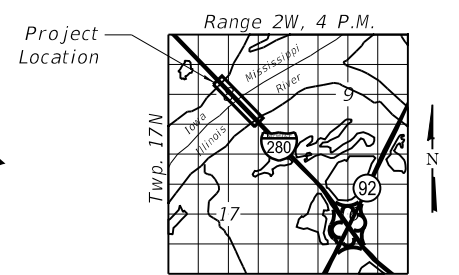
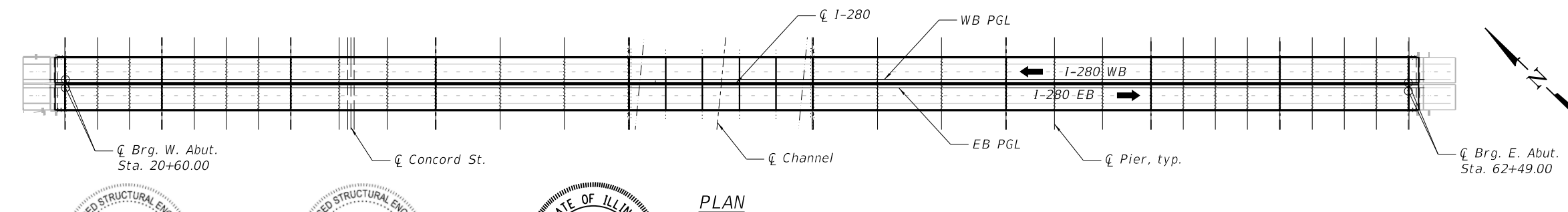
**APPROVED**  
 For Structural Adequacy Only  
 [Signature]  
 Engineer of Bridges & Structures

STATION 41+45.00  
 RE-BUILT 202\_ BY  
 STATES OF ILLINOIS AND IOWA  
 F.A.I. RT.280 SEC.81-1B,81-1(F&E)&81-1D  
 LOADING HS-20 & ALT.  
 STRUCTURE NO. 081-0106

**NAME PLATE**

See Std. 515001

Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.



**GENERAL PLAN & ELEVATION**  
**I-280 BRIDGE**  
**OVER THE MISSISSIPPI RIVER**  
**PUBLIC WATER**  
**F.A.I. ROUTE 280**  
**SEC. 81-1B,81-1 (F&E) & 81-1D**  
**ROCK ISLAND COUNTY**  
**STATION 41+45.00**  
**STRUCTURE NO. 081-0106**

**DESIGN SCOUR ELEVATION TABLE**

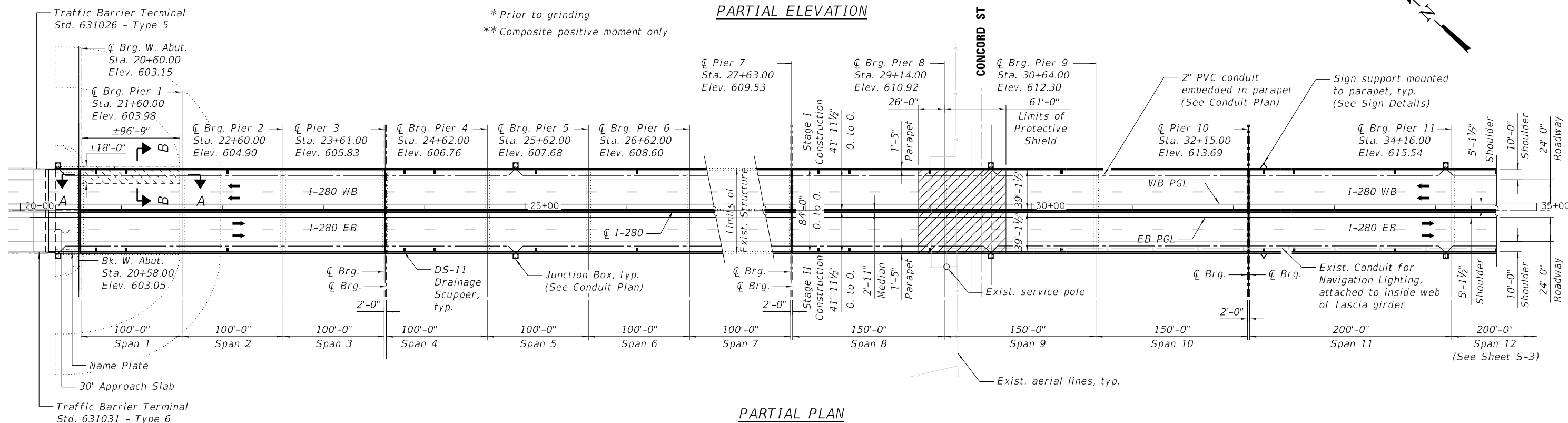
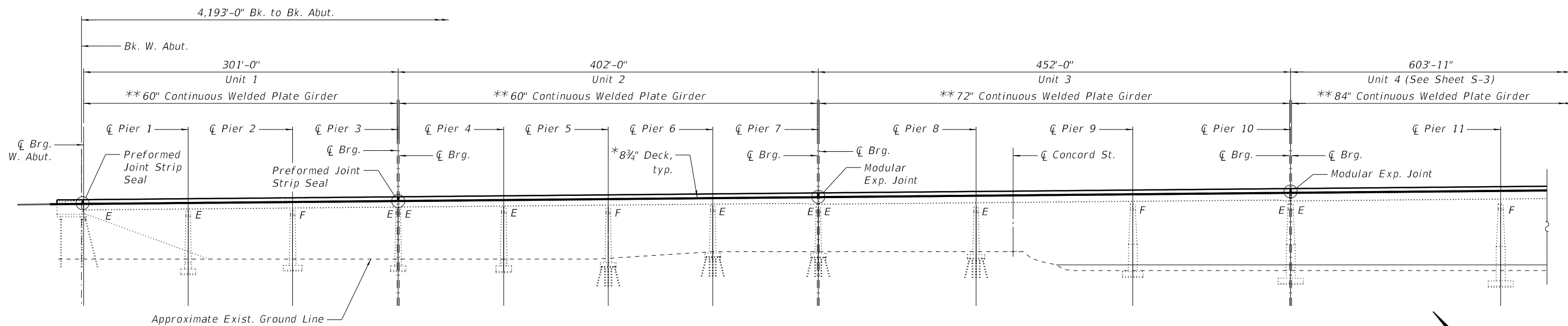
Event / Limit	Design Scour Elevations (ft.)										Item 113
	W. Abut.	Pier 1	Pier 2	Pier 3	Pier 4	Pier 5	Pier 6	Pier 7	Pier 8	Pier 9	
Q100	590.45	544.2	545.4	545.2	545.6	545.0	545.6	544.4	550.9	535.1	5
Q200	590.45	543.6	544.9	544.7	545.1	544.6	545.0	543.8	550.6	535.0	
Design	590.45	535.0	538.5	538.0	537.0	542.0	545.6	544.4	550.0	532.5	5
	Pier 10	Pier 11	Pier 12	Pier 13	Pier 14	Pier 15	Pier 16	Pier 17	Pier 18	Pier 19	
Q100	526.5	526.2	525.1	521.3	517.1	518.2	521.7	515.6	517.9	526.3	5
Q200	526.4	526.1	525.0	521.1	517.0	517.8	521.1	515.0	517.5	526.0	
Design	526.0	525.0	525.0	521.0	514.0	514.0	510.0	503.0	506.0	515.0	5
	Pier 20	Pier 21	Pier 22	Pier 23	Pier 24	Pier 25	Pier 26	Pier 27	E. Abut.	-	
Q100	515.7	542.8	544.5	544.5	543.7	546.9	544.7	546.0	574.05		5
Q200	515.4	542.2	543.9	543.9	543.1	546.6	544.2	546.7	574.05		
Design	510.5	542.8	544.5	544.5	543.7	546.0	544.7	546.0	574.05		5

**GERALD E. KOYLASS**  
 LICENSED STRUCTURAL ENGINEER  
 081-005264  
 SIGNATURE: [Signature]  
 DATE: August 7, 2020  
 EXPIRES: November 30, 2020  
 SHEETS: S-1 thru S-13, S-15 thru S-45, S-53 thru S-63, S-70 thru S-73, S-81 thru S-85, S-87 thru S-98, S-102 thru S-109, S-114, S-119 thru S-132 & S-134

**RYAN R. DOERRER**  
 LICENSED STRUCTURAL ENGINEER  
 081-007941  
 SIGNATURE: [Signature]  
 DATE: August 7, 2020  
 EXPIRES: November 30, 2020  
 SHEETS: S-14, S-48 thru S-52, S-64 thru S-69, S-74, S-79, S-80, S-86 & S-99 thru S-101

**NABI R. FAKRODDIN**  
 LICENSED STRUCTURAL ENGINEER  
 3377 ST. CHARLES  
 SIGNATURE: [Signature]  
 DATE: August 7, 2020  
 EXPIRES: November 30, 2020  
 SHEETS: S-46, S-47, S-75 thru S-78, S-110 thru S-113, S-115 thru S-118 & S-133

MODEL: SHEET  
 FILE NAME: 0810106-64F78-001-KEY.dgn



**NOTES:**

1. Elevations and stations shown are taken along WB & EB PGL.

**LEGEND**

Slope Wall Repair. See Sheet S-6 of S-134 for Sections A-A & B-B.

MODEL: SHEET  
FILE NAME: 0810106-64F78-002-GPEL1.dgn



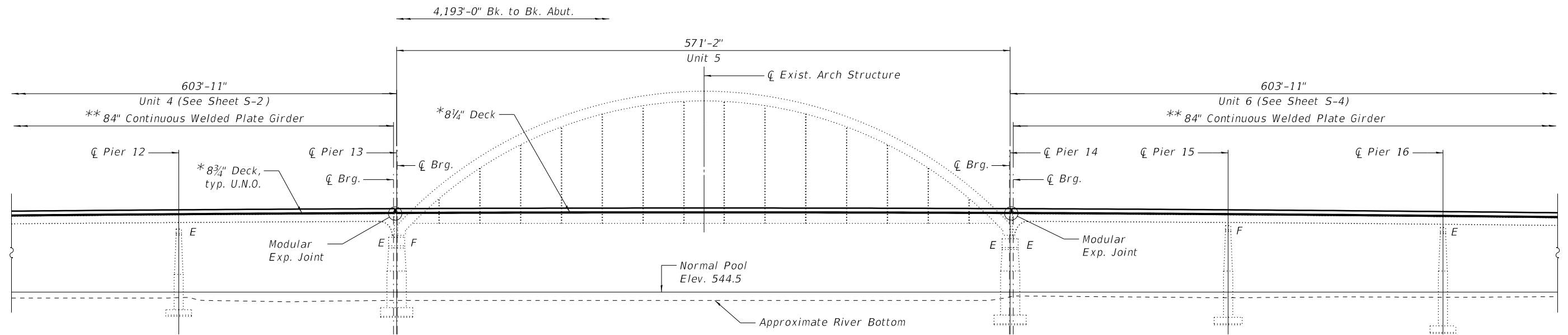
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PLOT DATE = 10/5/2020	CHECKED - ECK	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN & ELEVATION I  
STRUCTURE NO. 081-0106**

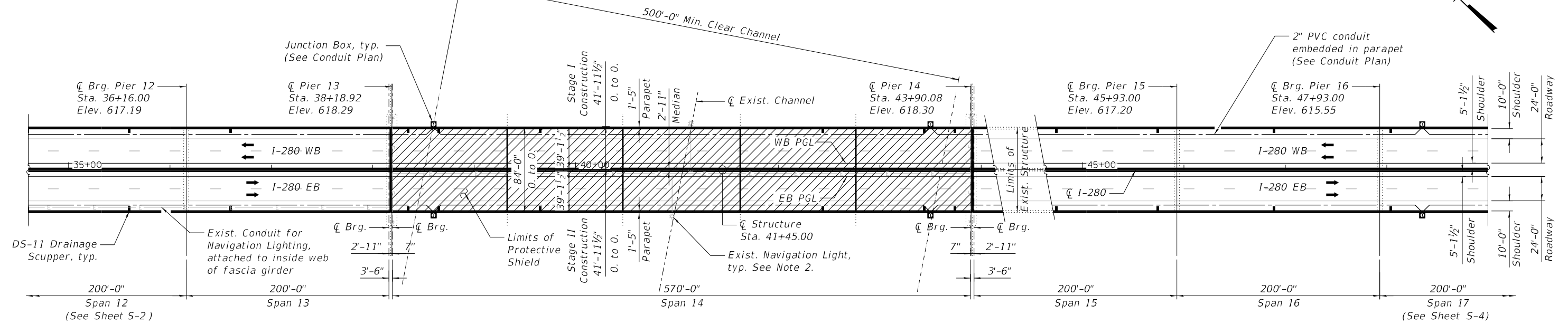
SHEET S-2 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	85
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



**PARTIAL ELEVATION**

\* Prior to grinding  
 \*\* Composite positive moment only



**PARTIAL PLAN**

**NOTES:**

1. Elevations and stations shown are taken along WB & EB PGL.
2. Contractor shall maintain full operation of the existing navigational lighting system during construction.

MODEL: SHEET  
 FILE NAME: 0810106-64F78-003-GPE2.dgn



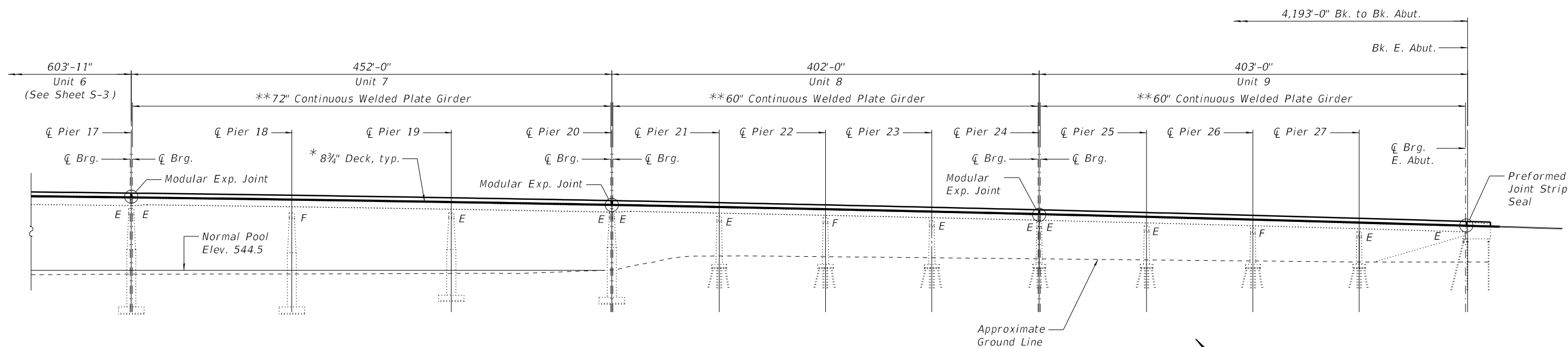
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	CHECKED - GEK	REVISED -
PLOT SCALE = N.T.S.	DRAWN - MDW	REVISED -
PLOT DATE = 10/5/2020	CHECKED - ECK	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION II  
 STRUCTURE NO. 081-0106

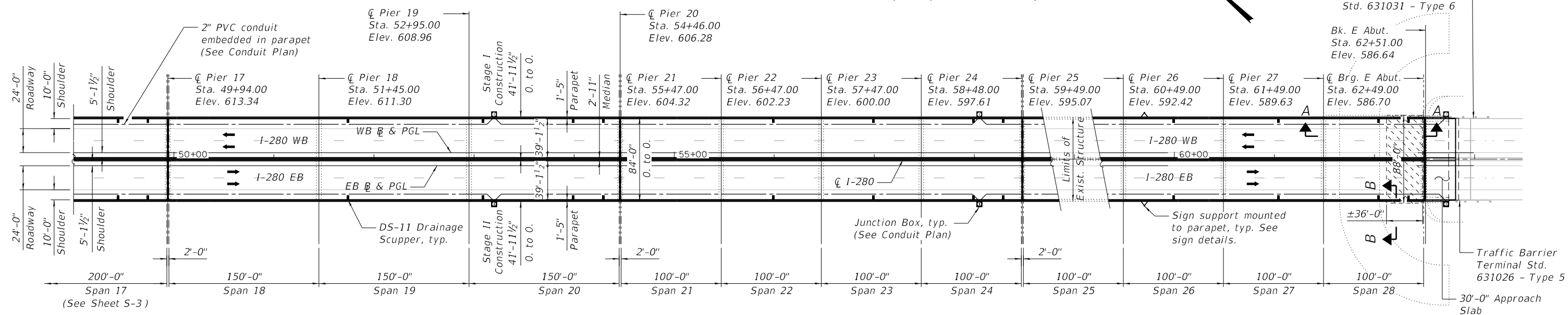
SHEET S-3 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	86
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



**PARTIAL ELEVATION**

\* Prior to grinding  
 \*\* Composite positive moment only



**PARTIAL PLAN**

**NOTES:**

1. Elevations and stations shown are taken along WB & EB PGL.

**LEGEND**

Slope Wall Repair. See Sheet S-6 of S-134 for Sections A-A & B-B.

MODEL: SHEET  
 FILE NAME: 0810106-64F78-004-GPE3.dgn



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	CHECKED - GEK	REVISED -
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PLOT DATE = 10/5/2020	CHECKED - ECK	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN & ELEVATION III  
 STRUCTURE NO. 081-0106**

SHEET S-4 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	87
CONTRACT NO. 64F78				
ILLINOIS		FED. AID PROJECT		

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- S-2 - General Plan & Elevation I
- S-3 - General Plan & Elevation II
- S-4 - General Plan & Elevation III
- S-5 - Index of Sheets
- S-6 - General Notes & Total Bill of Material
- S-7 - EB Deck Patching I
- S-8 - EB Deck Patching II
- S-9 - EB Deck Patching III
- S-10 - Construction Staging - Approach Spans
- S-11 - Construction Staging I - Arch Span
- S-12 - Construction Staging II - Arch Span
- S-13 - Temporary Concrete Barrier for Stage Construction
- S-14 - Deck Pour Sequence I
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- S-35 - Top of Deck Slab Elevations I - Unit 6
- S-36 - Top of Deck Slab Elevations II - Unit 6
- S-37 - Top of Deck Slab Elevations Layout - Unit 7
- S-38 - Top of Deck Slab Elevations I - Unit 7
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- S-41 - Top of Deck Slab Elevations I - Unit 8
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- S-44 - Top of Deck Slab Elevations I - Unit 9
- S-45 - Top of Deck Slab Elevations II - Unit 9
- S-46 - Top of Slab Elevations & Layout - West Approach
- S-47 - Top of Slab Elevations & Layout - East Approach
- S-48 - Deck Plan - Unit 1
- S-49 - Superstructure Details - Unit 1
- S-50 - Deck Plan I - Unit 2
- S-51 - Deck Plan II - Unit 2
- S-52 - Superstructure Details - Unit 2
- S-53 - Deck Plan - Unit 3
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- S-63 - Superstructure Details - Unit 7
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- S-65 - Deck Plan II - Unit 8
- S-66 - Superstructure Details - Unit 8
- S-67 - Deck Plan I - Unit 9

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- S-69 - Superstructure Details - Unit 9
- S-70 - Deck Cross Section - Approach Spans
- S-71 - Deck Cross Section - Arch Span
- S-72 - Deck Details I
- S-73 - Deck Details II
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- S-75 - East Approach Slab
- S-76 - East Approach Slab Details
- S-77 - West Approach Slab
- S-78 - West Approach Slab Details
- S-79 - Drainage Plan
- S-80 - Drainage Scupper, DS-11
- S-81 - Modified Preformed Joint Strip Seal
- S-82 - Modular Expansion Joint - Piers 7, 10, 17, 20 & 24
- S-83 - Modular Expansion Joint - Pier 13
- S-84 - Modular Expansion Joint - Pier 14
- S-85 - Modular Expansion Joint Details
- S-86 - Units 1, 2, 8 & 9 Moment & Reaction Tables
- S-87 - Units 3, 4, 6 & 7 Moment & Reaction Tables
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- S-93 - Steel Repair Plan & Elevation
- S-94 - Steel Repair Details I
- S-95 - Steel Repair Details II
- S-96 - Steel Repair Details III
- S-97 - Steel Repair Details IV
- S-98 - Painting Details
- S-99 - Shear Studs - Unit 1
- S-100 - Shear Studs I - Units 2, 8 & 9
- S-101 - Shear Studs II - Units 2, 8 & 9
- S-102 - Shear Studs - Units 3 & 7
- S-103 - Shear Studs - Units 4 & 6
- S-104 - Bearing Removal & Jacking Loads
- S-105 - Bearing Layout I
- S-106 - Bearing Layout II
- S-107 - Elastomeric Bearing Details I
- S-108 - Elastomeric Bearing Details II
- S-109 - Elastomeric Bearing Details III
- S-110 - Concrete Removal - West Abutment
- S-111 - Concrete Removal - East Abutment
- S-112 - East & West Abutments
- S-113 - Abutment Details
- S-114 - Abutment Repairs
- S-115 - Pier Pedestal Details I
- S-116 - Pier Pedestal Details II
- S-117 - Pier Pedestal Details III
- S-118 - Pier Pedestal Details IV
- S-119 - Pier Repairs I
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- S-123 - Pier Repairs V
- S-124 - Pier Repairs VI
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- S-127 - Pier Repairs IX
- S-128 - Pier Repairs X
- S-129 - Pier Repairs XI
- S-130 - Pier Repairs XII
- S-131 - Pier Repairs XIII
- S-132 - Pier Repairs XIV
- S-133 - Bar Splicer Assembly Details
- S-134 - Concrete Parapet Slipforming Option

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FILE NAME: 0810106-64F78-005-IDX.dgn



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CHECKED - JGS	REVISED -	
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PLOT DATE = 10/5/2020	CHECKED - JGS	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS  
STRUCTURE NO. 081-0106**

SHEET S-5 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	88
CONTRACT NO. 64F78				
		ILLINOIS	FED. AID PROJECT	



**GENERAL NOTES**

- Fasteners shall be ASTM F3125 Grade A325 Type 1, mechanically galvanized bolts. Bolts 3/4 in. O, holes 13/16 in. O, unless otherwise noted.
- Calculated weight of Structural Steel = 9,090 Lbs. (M270 Grade 36)
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

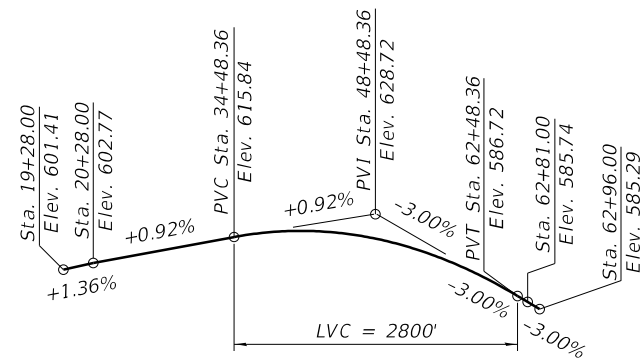
As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by qualified personnel approved by the Engineer. Any cracks that cannot be removed by grinding 1/4 inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

- 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 shear studs are shown as based on an 8 1/2" concrete deck as detailed in the original deck plans. The original deck was revised, and was constructed as a ±9% concrete deck with corrugated stay-in-place metal forms. The contractor shall notify the engineer of any deviation from contract plans in regards to number, size, height or spacing of existing shear stud connectors during deck removal, in the event information shown needs to be modified.
- Care shall be taken when removing concrete above the steel girders in order to avoid damage to the steel girders or existing shear stud connectors. Damage to any part of the existing steel girders or attached steel stud connectors shall be repaired or replaced at the Contractor's expense and at no additional cost to the Department.

- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 in. (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- Concrete Sealer shall be applied to the designated areas of abutment bearing seats and backwalls (including abutment hatch block on backwalls) and top of pier caps above expansion joints.
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- All new structural steel shall be shop painted with an inorganic zinc rich primer per AASHTO M 300, Type 1. Cost included with Structural Steel.
- Cleaning and painting of the existing and new structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All steel within the "Limits of Painting" as shown on the plans, shall be cleaned per Near White Blast Cleaning (SSPC-SP10). The exterior surfaces and bottom flange of fascia beams and arch tie girders shall be cleaned per Commercial Grade Power Tool Cleaning (SSPC-SP15).

The designated areas cleaned Near White Blast Cleaning (SSPC-SP10) and per Commercial Grade Power Tool Cleaning (SSPC-SP15) shall be painted according to the requirements of paint system 1-0Z/E/U. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Blue, Munsell No. 10B 3/6.

- The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the contract plans.
- The Contractor shall submit calculations and details demonstrating the structural integrity of the bridge is maintained under the additional imposed loads of the containment system, Safespan or platform. See special provisions.
- The Contractor shall notify the US Coast Guard (USCG) when placing Safespan or a platform beneath girders.
- SSPC QP1 and QP2 Contractor Certifications required for this Contract.
- Up to 1/4 inch may be ground off the bridge deck and the bridge approach slabs.

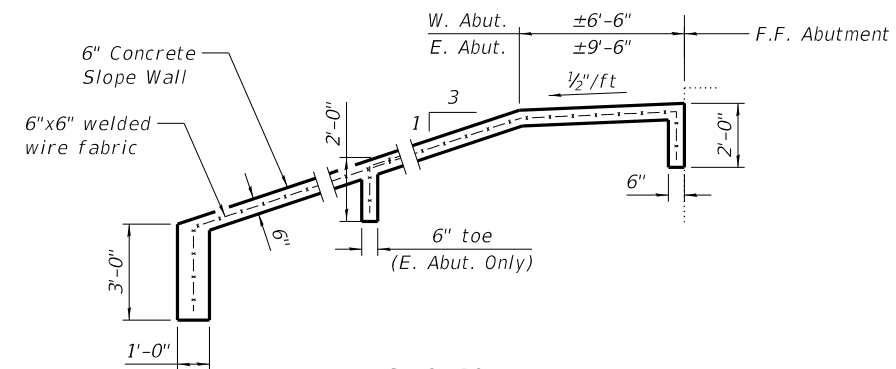


**EB & WB PROFILE GRADES**  
(Along Prop. I-280)

The profile grade shows the final elevations after grinding.

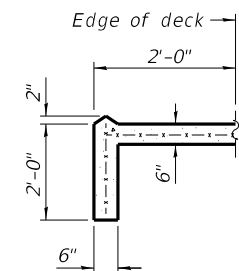
**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu. Yd.	-	26.1	26.1
Removal Of Existing Concrete Deck No. 1	Each	1	-	1
Protective Shield	Sq. Yd.	6,132	-	6,132
Structure Excavation	Cu. Yd.	-	25	25
Concrete Structures	Cu. Yd.	-	125.1	125.1
Concrete Superstructure	Cu. Yd.	12,611.9	-	12,611.9
Protective Coat	Sq. Yd.	45,310	-	45,310
Concrete Superstructure (Approach Slab)	Cu. Yd.	237.0	-	237.0
Stud Shear Connectors	Each	17,450	-	17,450
Reinforcement Bars, Epoxy Coated	Pound	3,162,100	22,360	3,184,460
Bar Splicers	Each	388	80	468
Name Plates	Each	1	-	1
Preformed Joint Strip Seal	Foot	576	-	576
Elastomeric Bearing Assembly, Type I	Each	110	-	110
Elastomeric Bearing Assembly, Type II	Each	30	-	30
Anchor Bolts, 1"	Each	160	-	160
Anchor Bolts, 1 1/2"	Each	120	-	120
Granular Backfill For Structures	Cu. Yd.	-	25	25
Concrete Sealer	Sq. Ft.	-	8,900	8,900
Epoxy Crack Injection	Foot	-	154	154
Falcon Protection	Each	1	-	1
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	22,659	-	22,659
Jack And Remove Existing Bearings	Each	140	-	140
Jack And Reposition Bearings	Each	1	-	1
Structural Steel Repair	Pound	9,830	-	9,830
Bridge Handrail Removal	Foot	8,382	-	8,382
Containment And Disposal Of Lead Paint Cleaning Residues No. 1	L. Sum	1	-	1
Cleaning And Painting Steel Bridge No. 1	L. Sum	1	-	1
Structural Repair Of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq. Ft.	-	892	892
Structural Repair Of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.	-	914	914
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	100	-	100
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	100	-	100
Deck Slab Repair (Partial)	Sq. Yd.	1,000	-	1,000
Drainage Scuppers, DS-11	Each	82	-	82
Diamond Grinding (Bridge Section)	Sq. Yd.	33,156	-	33,156
Modular Expansion Joint 6"	Foot	492	-	492
Modular Expansion Joint 9"	Foot	82	-	82
Slope Wall Repair	Sq. Yd.	-	571	571



**SECTION A-A**

Slope wall shall be reinforced with welded wire fabric, 6 in x 6 in - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.



**SECTION B-B**

MODEL: SHEET  
FILE NAME: 0810106-64F78-006-GEN.dgn



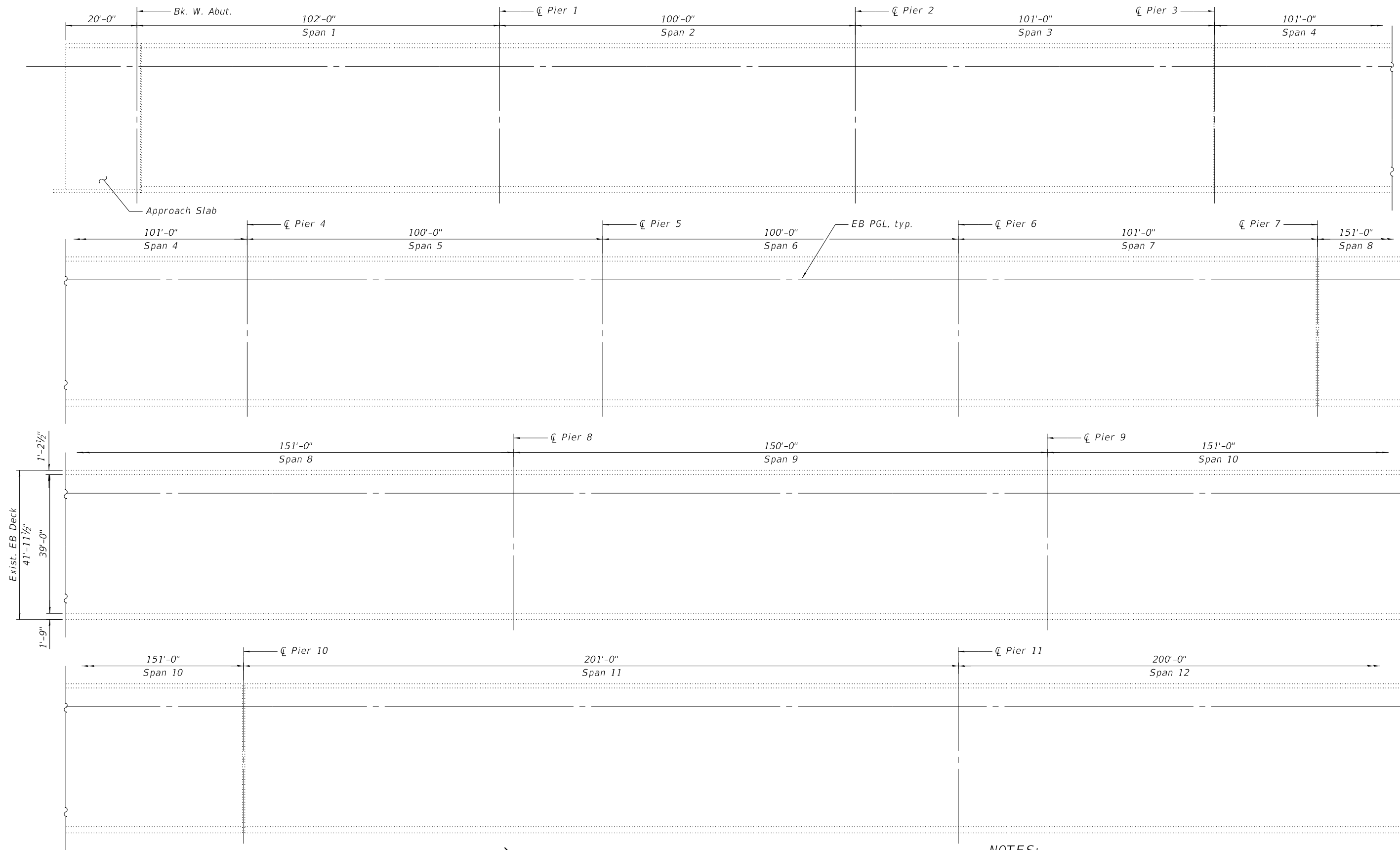
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

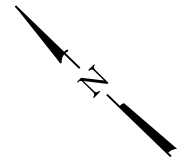
**GENERAL NOTES & TOTAL BILL OF MATERIAL  
STRUCTURE NO. 081-0106**

SHEET S-6 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	89
CONTRACT NO. 64F78				
ILLINOIS		FED. AID PROJECT		



PARTIAL PLAN



NOTES:

1. Work shall be performed prior to staging.
2. The quantity of deck repair includes repairs to approach slabs and is based on a percentage of existing deck area. The area, locations, and type of deck repair will be determined by the engineer at the time of construction. Actual repair locations shall be shown on the as-built plans.
3. See sheet S-9 of S-134 for Bill of Material.

MODEL: SHEET  
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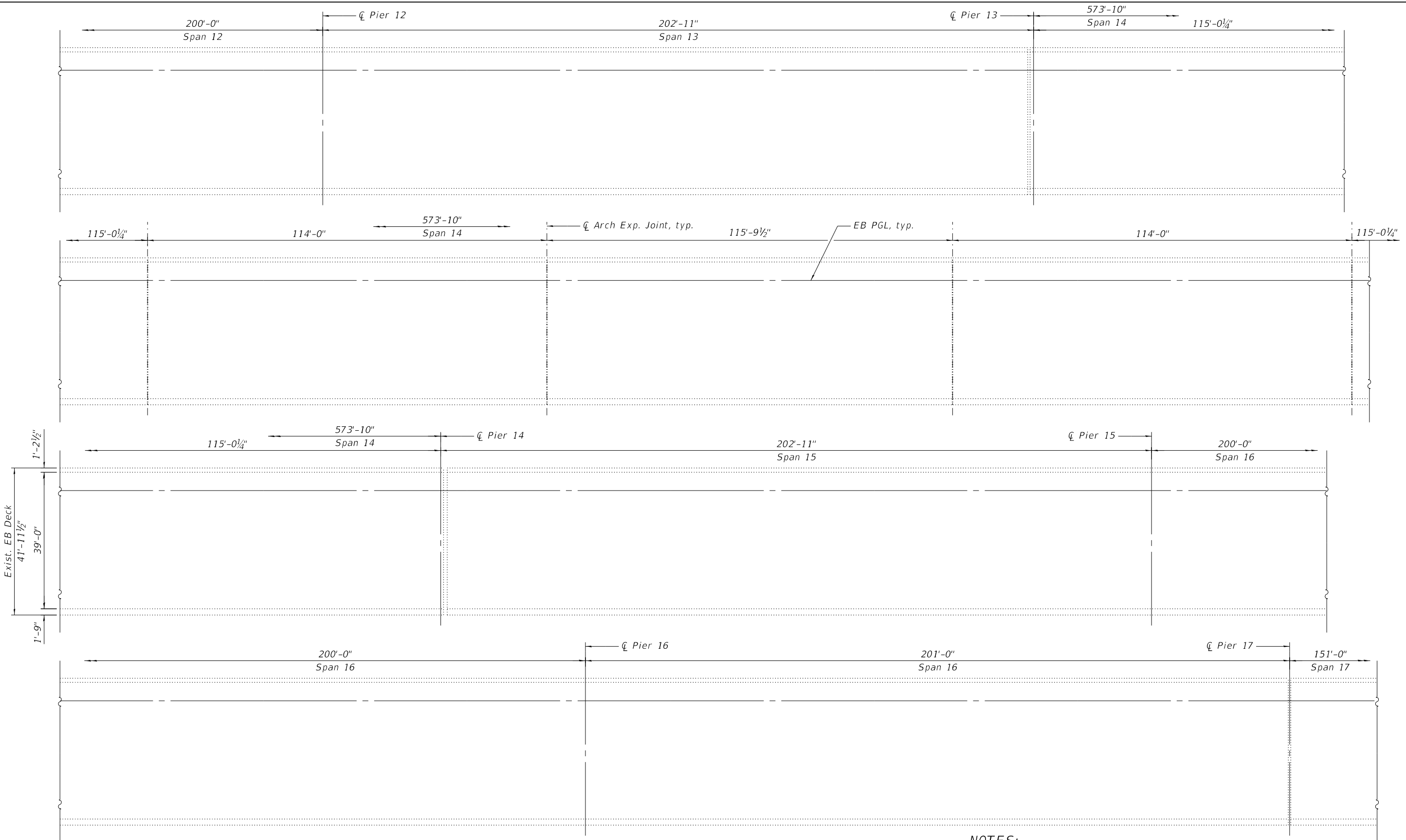
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

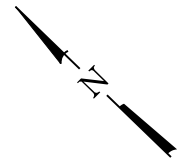
EB DECK PATCHING I  
STRUCTURE NO. 081-0106

SHEET S-7 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	90
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



PARTIAL PLAN



**NOTES:**

1. Work shall be performed prior to staging.
2. The quantity of deck repair includes repairs to approach slabs and is based on a percentage of existing deck area. The area, locations, and type of deck repair will be determined by the engineer at the time of construction. Actual repair locations shall be shown on the as-built plans.
3. See sheet S-9 of S-134 for Bill of Material.

MODEL: SHEET  
FILE NAME: 0810106-64F78-008-DKREP2



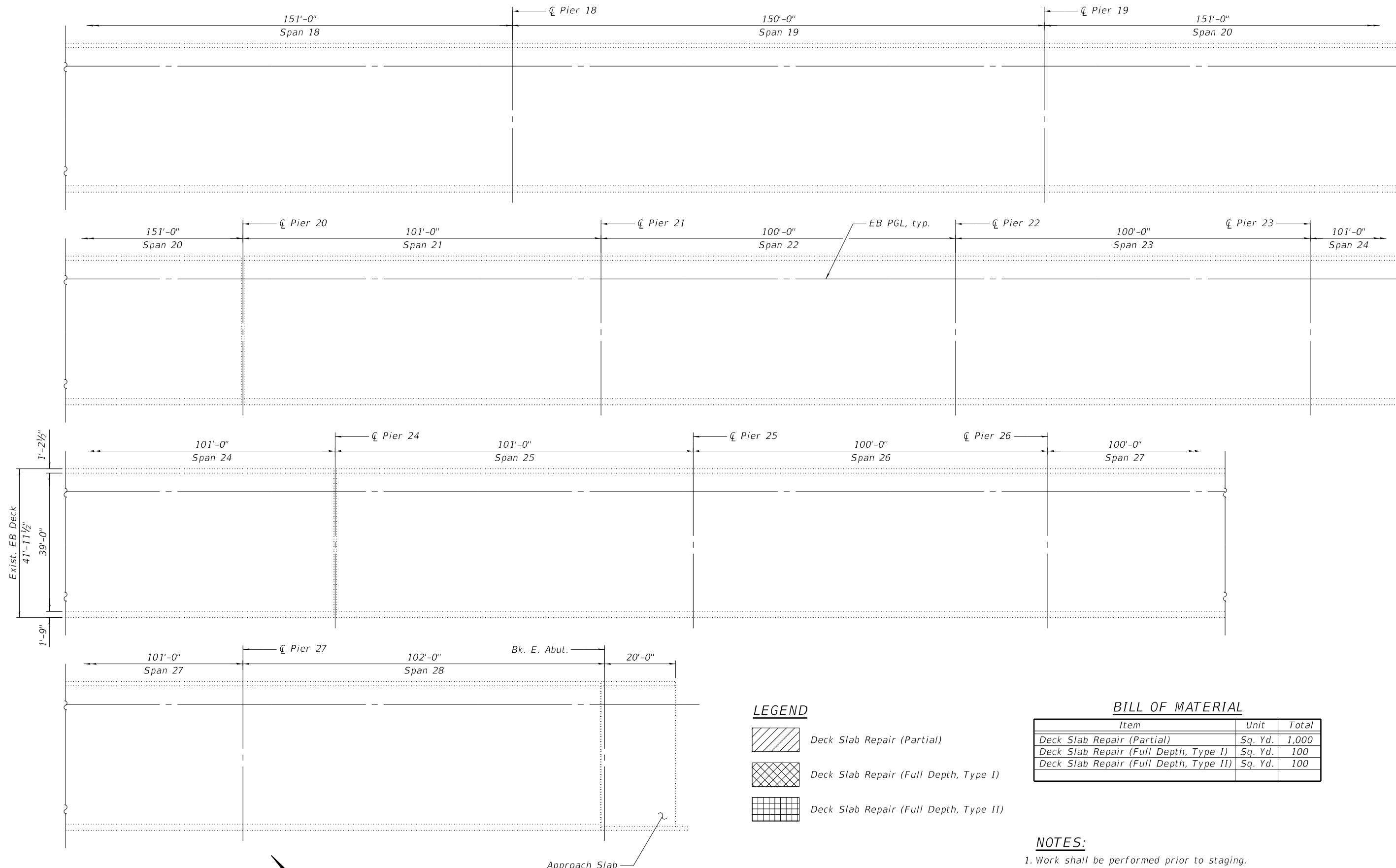
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PLOT DATE = 10/5/2020	CHECKED - GEK	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EB DECK PATCHING II  
STRUCTURE NO. 081-0106

SHEET S-8 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	91
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64F78	



**PARTIAL PLAN**

**LEGEND**

-  Deck Slab Repair (Partial)
-  Deck Slab Repair (Full Depth, Type I)
-  Deck Slab Repair (Full Depth, Type II)

**BILL OF MATERIAL**

Item	Unit	Total
Deck Slab Repair (Partial)	Sq. Yd.	1,000
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	100
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	100

**NOTES:**

1. Work shall be performed prior to staging.
2. The quantity of deck repair includes repairs to approach slabs and is based on a percentage of existing deck area. The area, locations, and type of deck repair will be determined by the engineer at the time of construction. Actual repair locations shall be shown on the as-built plans.

MODEL: SHEET  
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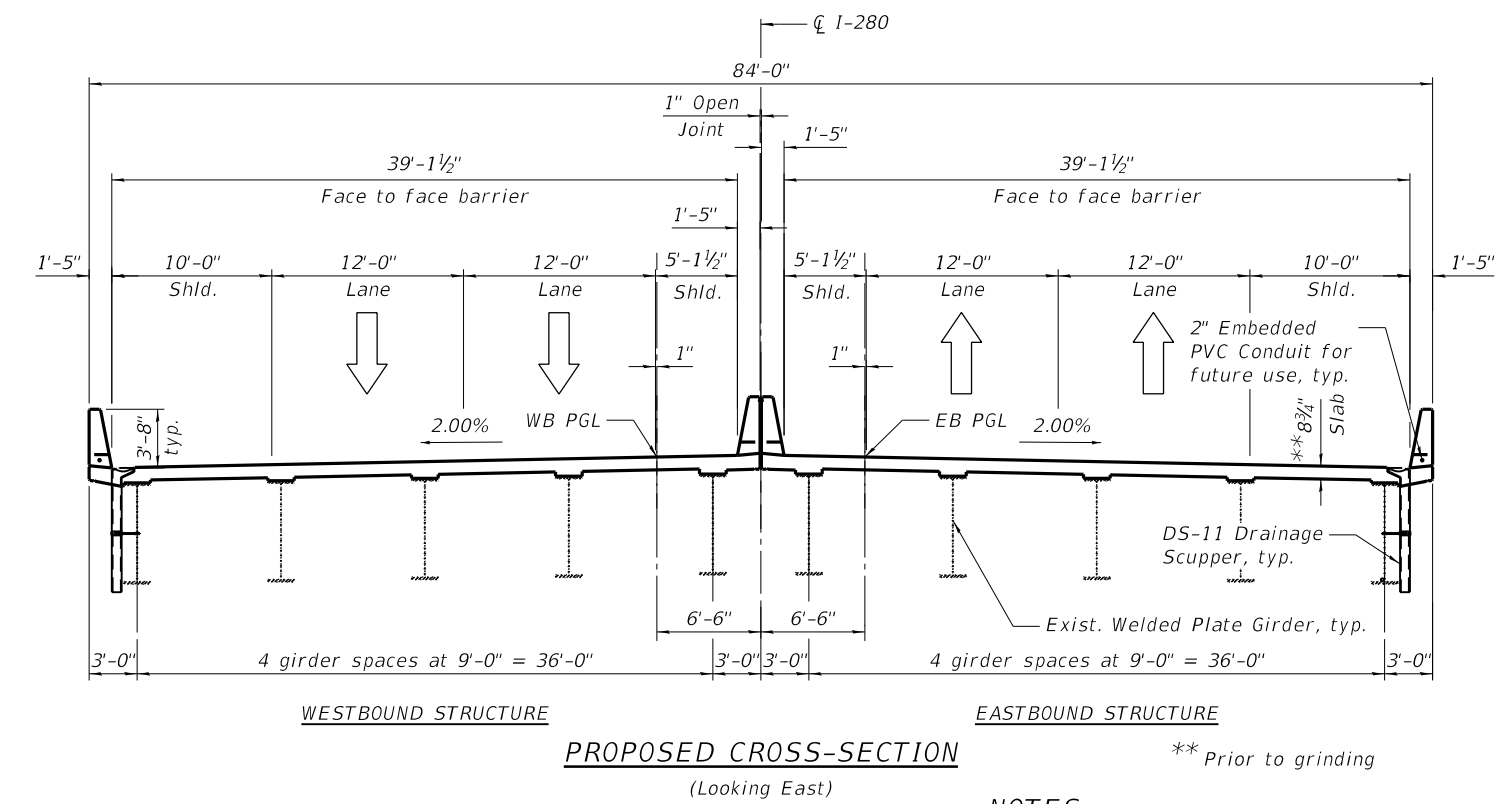
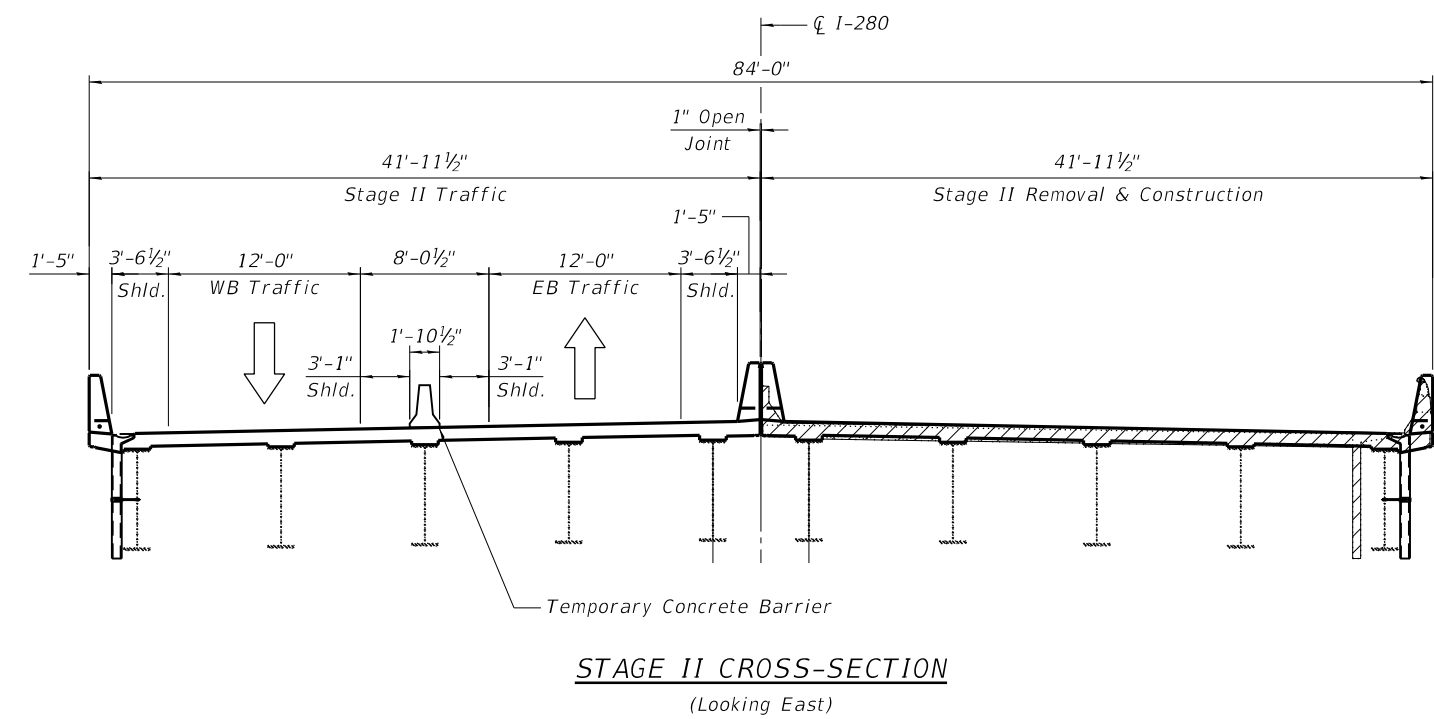
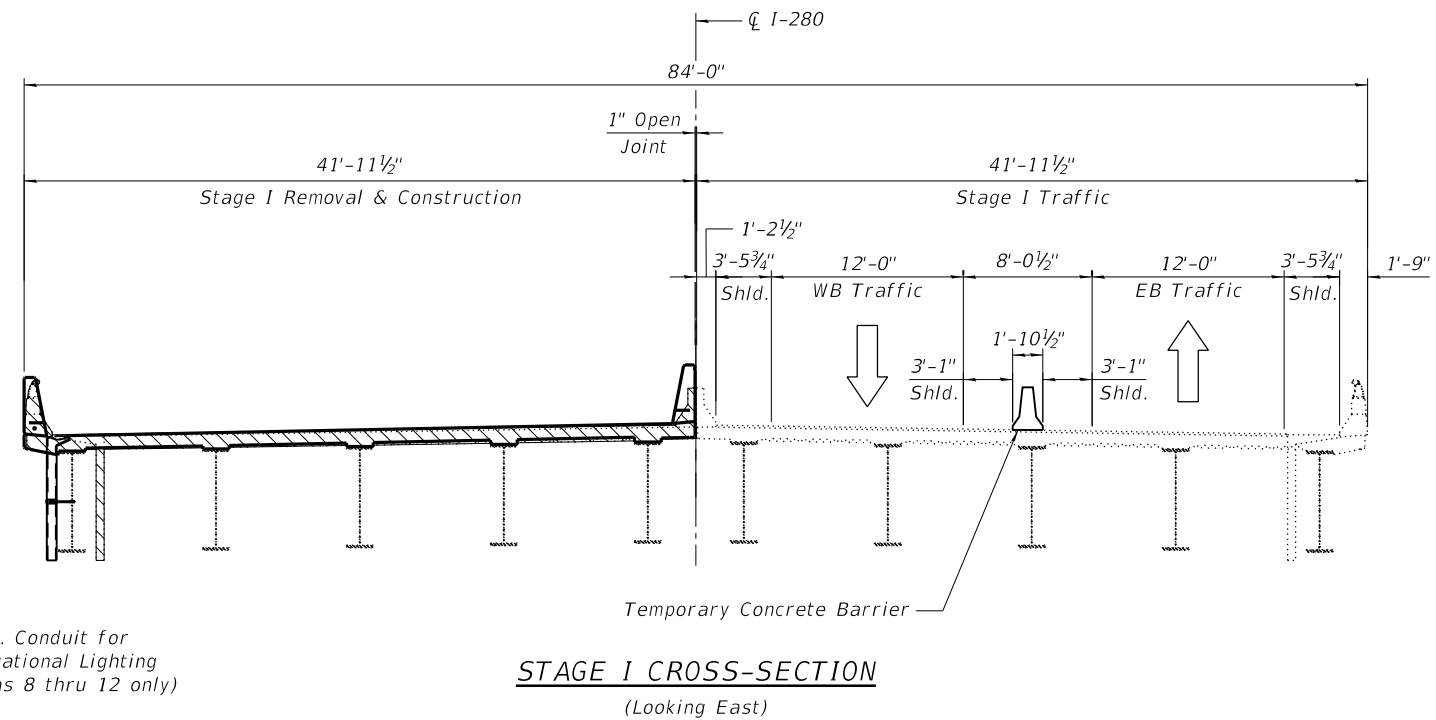
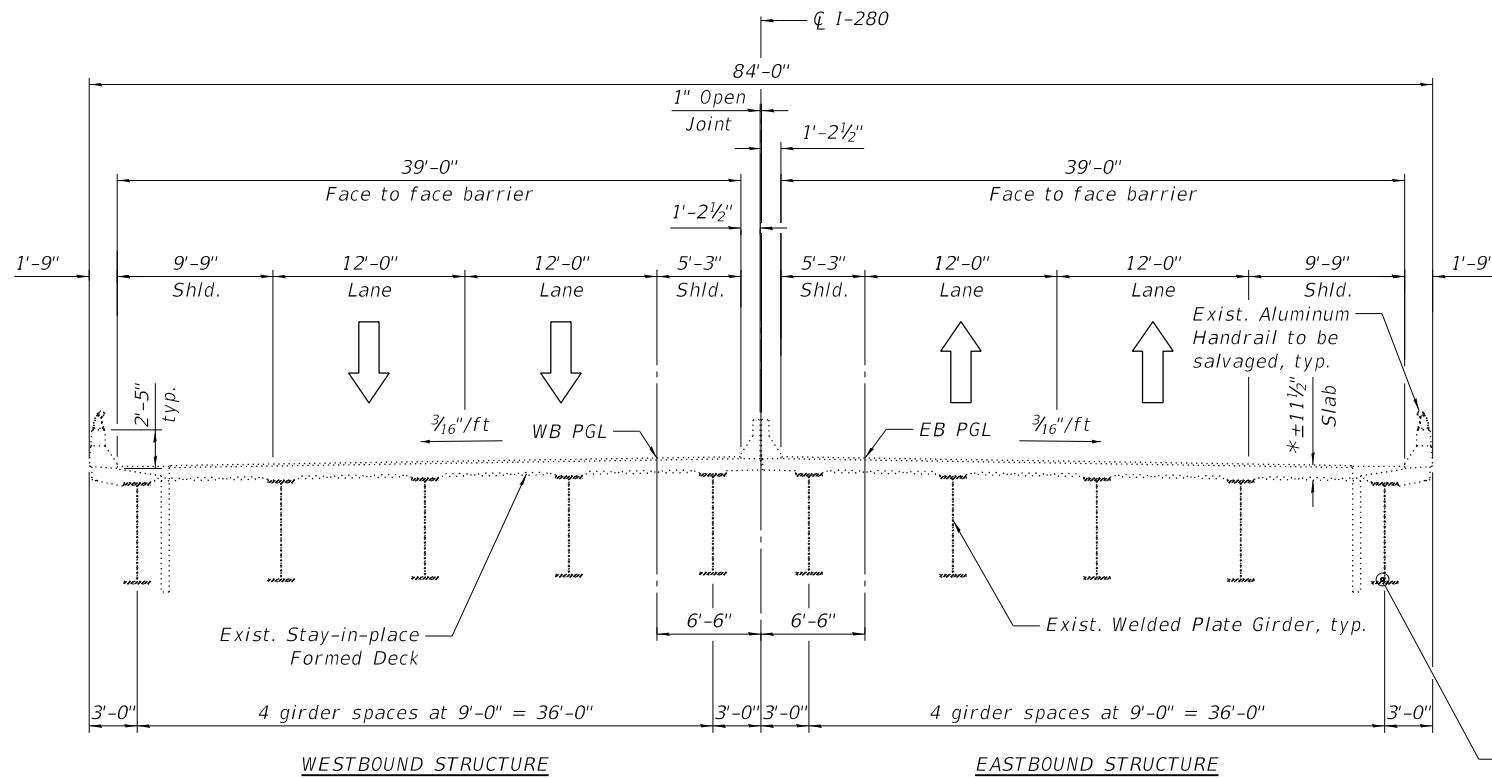
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	CHECKED - GEK	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EB DECK PATCHING III  
STRUCTURE NO. 081-0106**

SHEET S-9 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	92
CONTRACT NO. 64F78				
		ILLINOIS	FED. AID PROJECT	



- NOTES:**
- Hatched area indicates removal of Existing Concrete Deck No. 1.
  - For Temporary Concrete Barrier details see Sheet S-13 of S-134.
  - See roadway plans for quantity of Temporary Concrete Barrier.

MODEL: SHEET  
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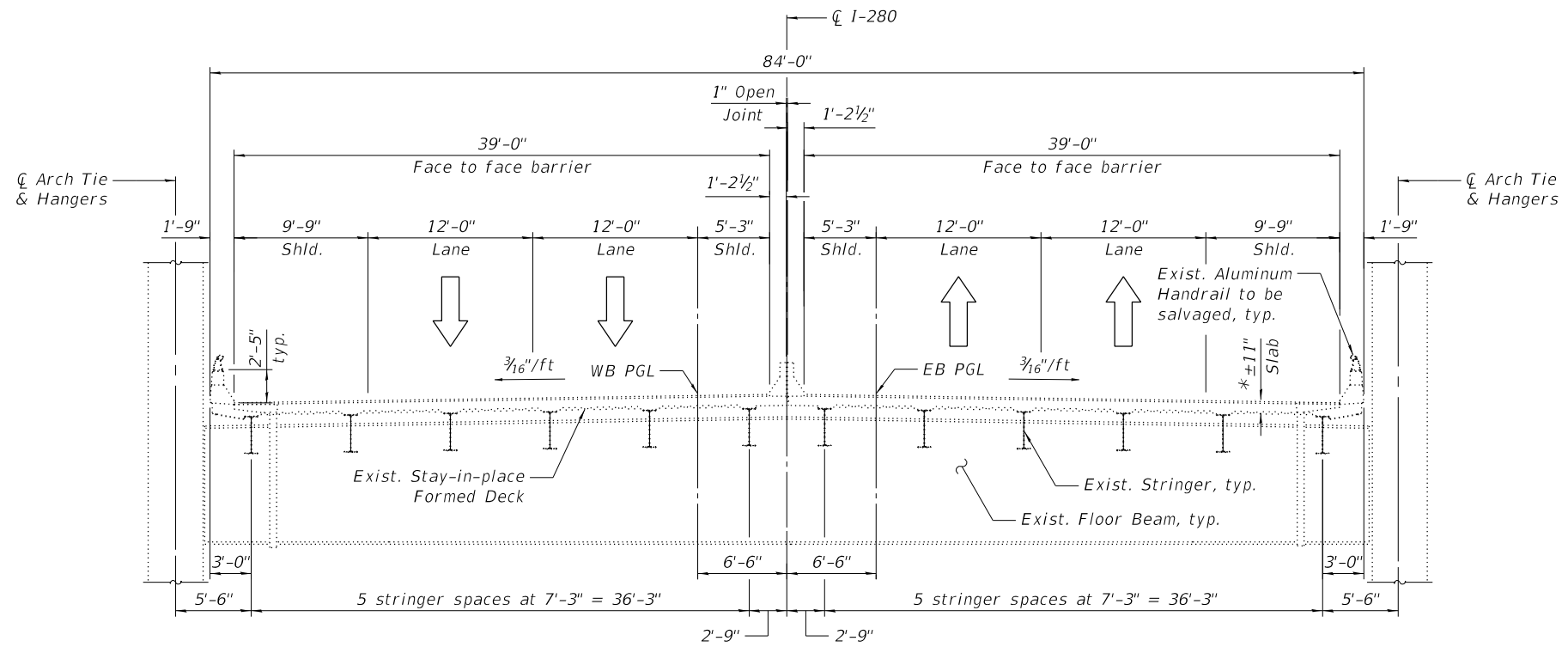
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PLOT DATE = 10/5/2020	DRAWN - MDW	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION STAGING - APPROACH SPANS  
STRUCTURE NO. 081-0106

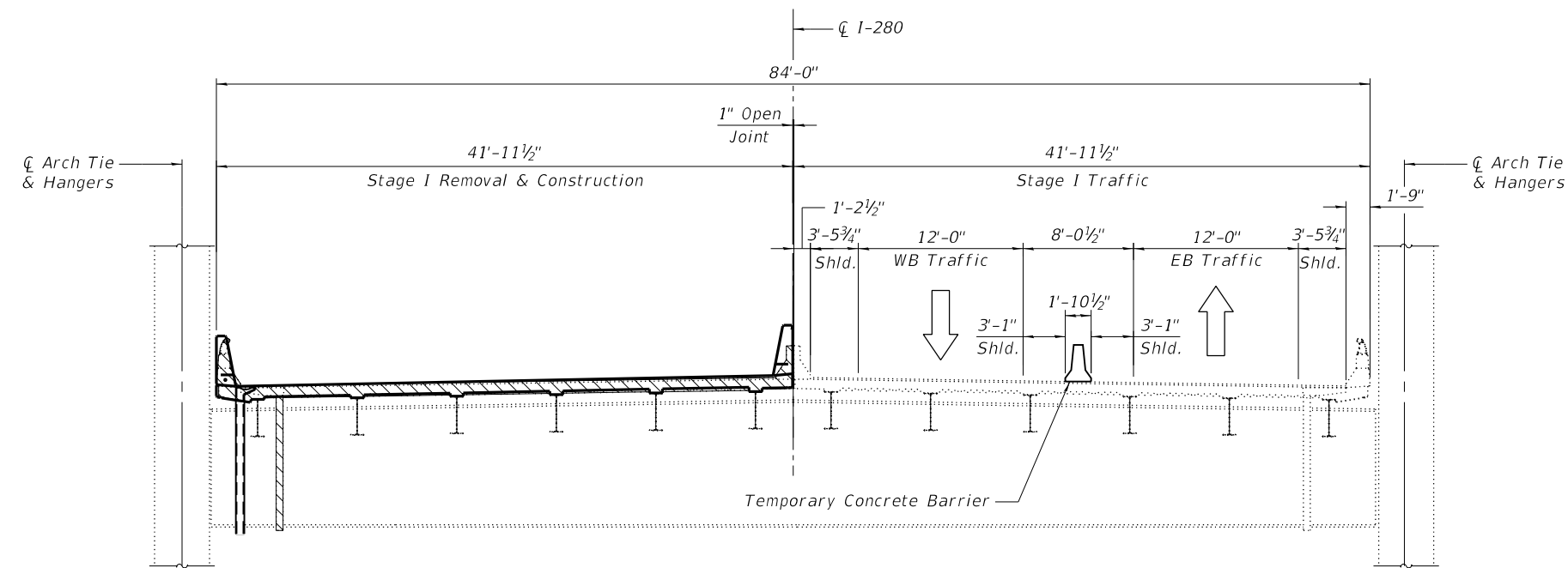
SHEET S-10 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	93
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



**EXISTING CROSS-SECTION**  
(Looking East)

\*2" corrugated deck, 6/8" slab,  
and 2 1/8" microsilica overlay



**STAGE I CROSS-SECTION**  
(Looking East)

MODEL: SHEET  
FILE NAME: 0810106-64F78-011-STG2



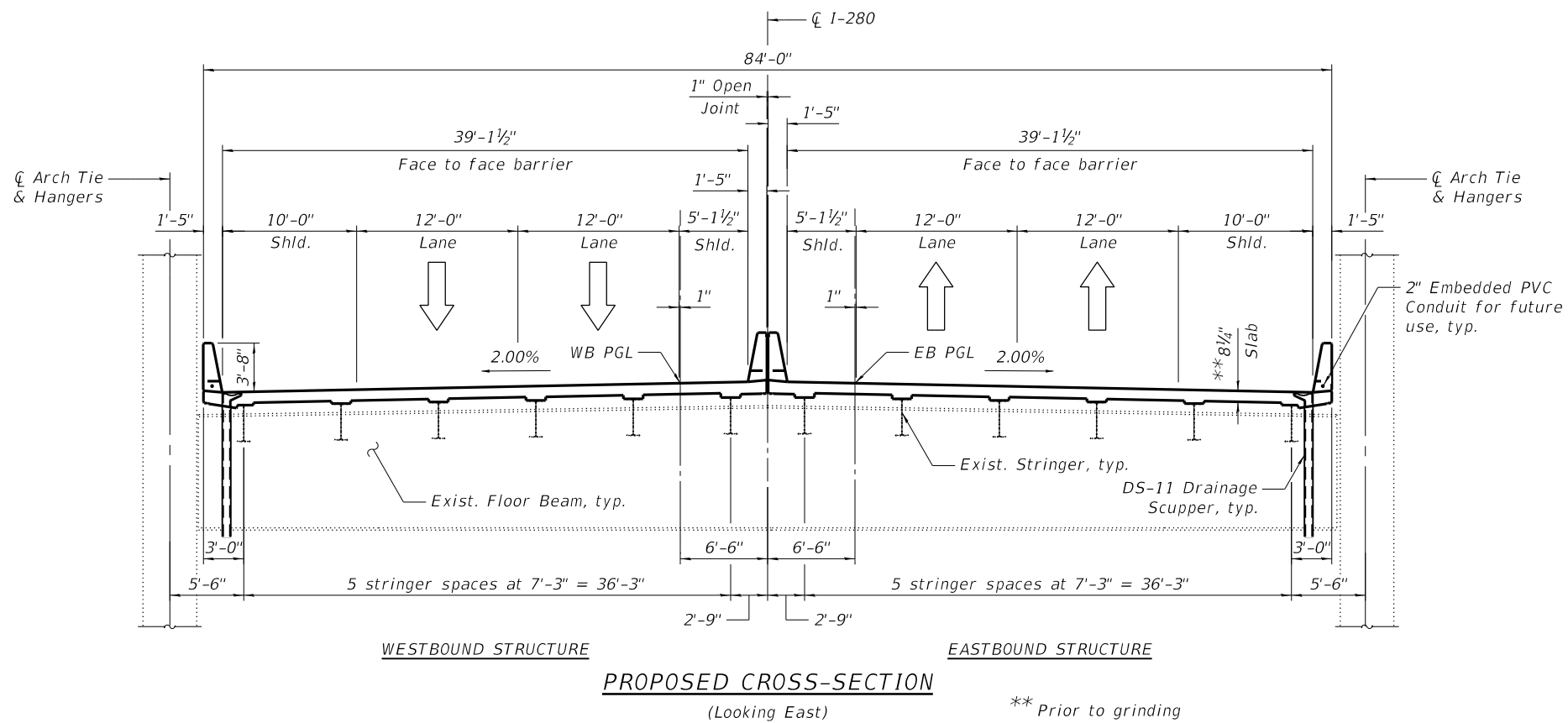
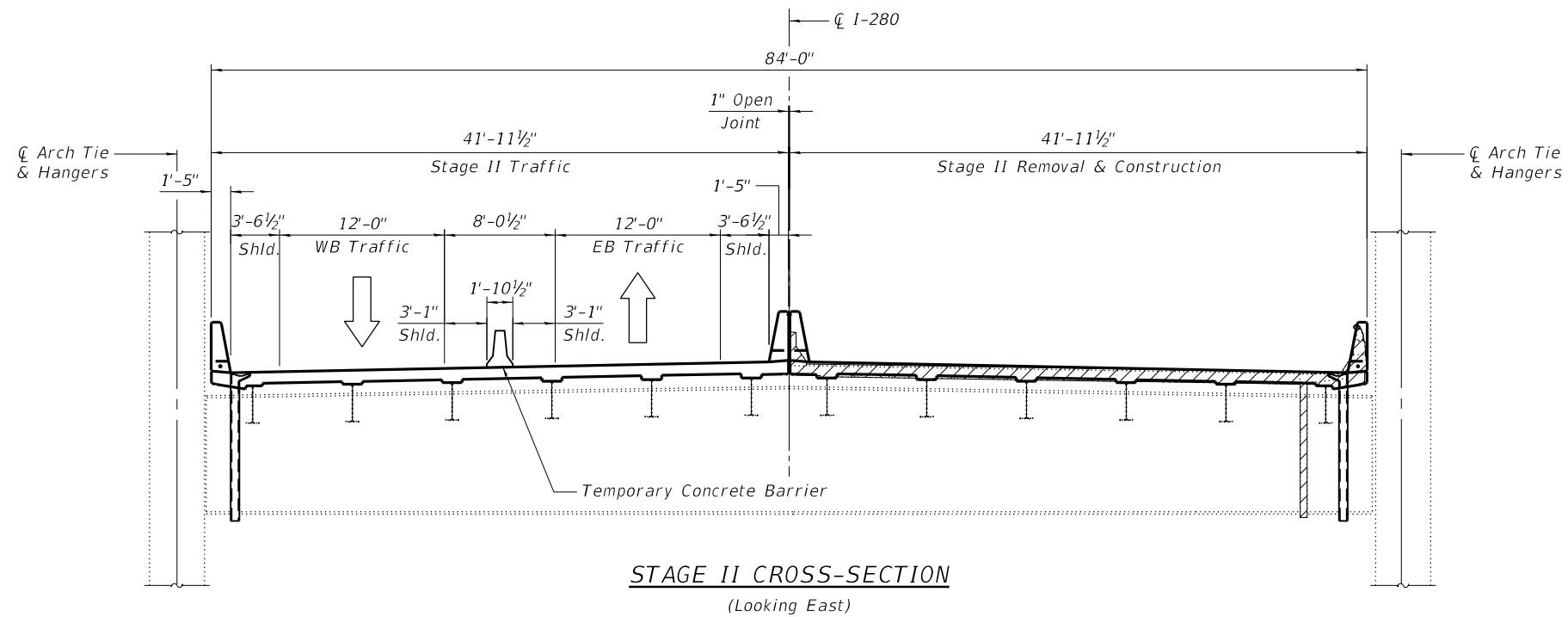
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION STAGING I - ARCH SPAN  
STRUCTURE NO. 081-0106

SHEET S-11 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	94
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. Hatched area indicates removal of Existing Concrete Deck No. 1.
  2. For Temporary Concrete Barrier details see Sheet S-13 of S-134.
  3. See roadway plans for quantity of Temporary Concrete Barrier.

MODEL: SHEET  
FILE NAME: 0810106-64F78-012-STG3



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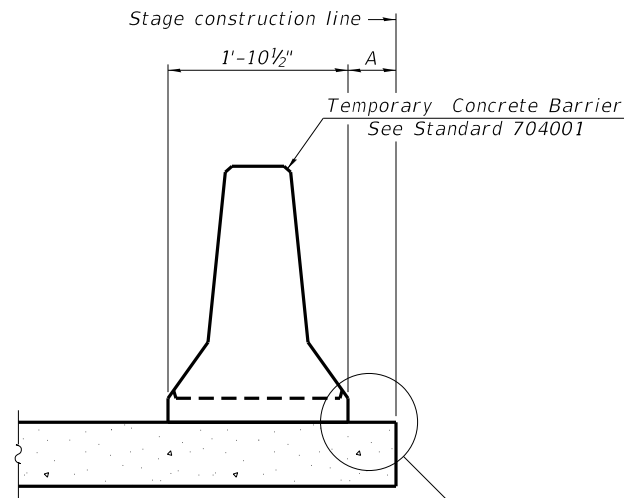
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION STAGING II - ARCH SPAN  
STRUCTURE NO. 081-0106

SHEET S-12 OF S-134 SHEETS

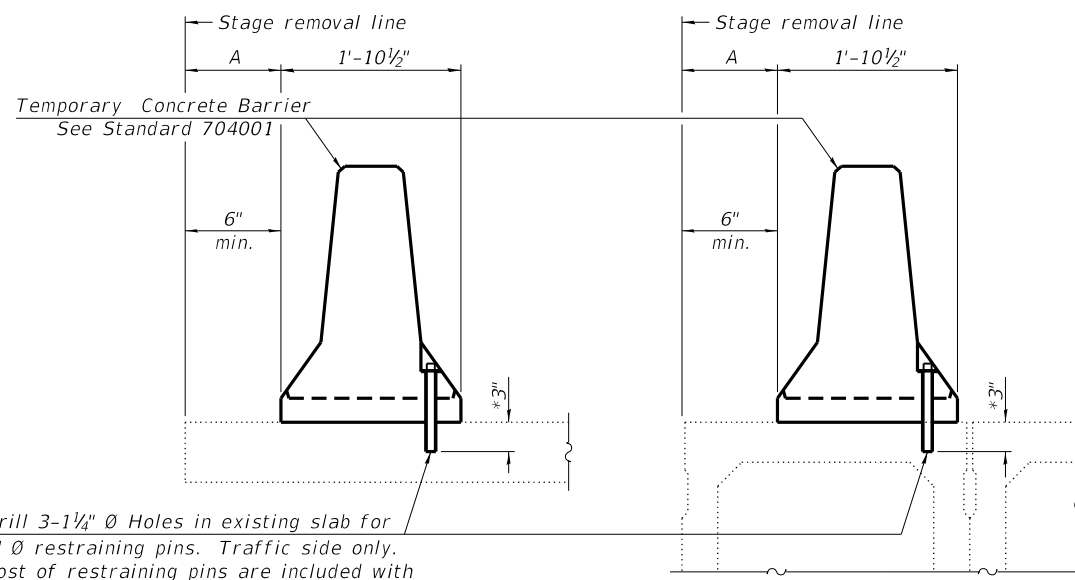
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	95
CONTRACT NO. 64F78				

ILLINOIS FED. AID PROJECT



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM

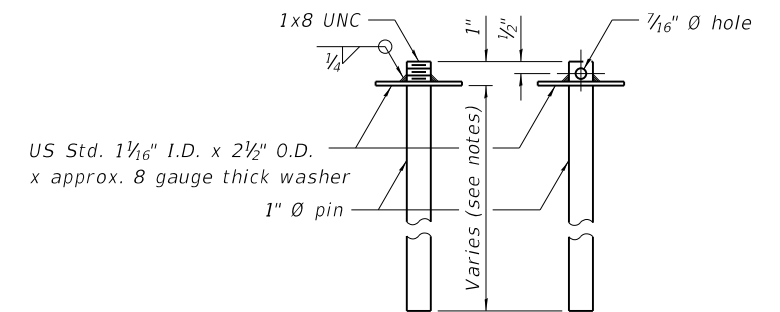


Drill 3-1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB

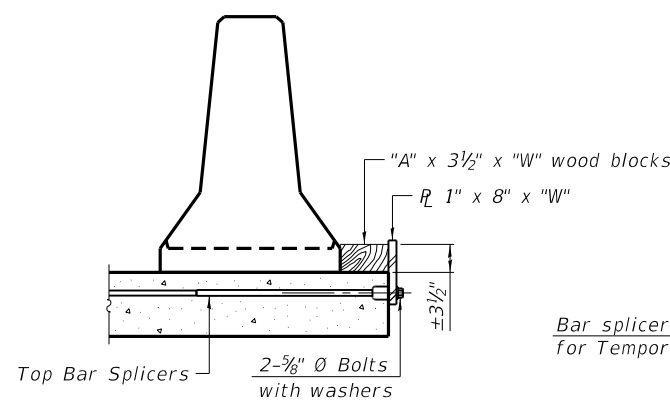
\* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

EXISTING DECK BEAM

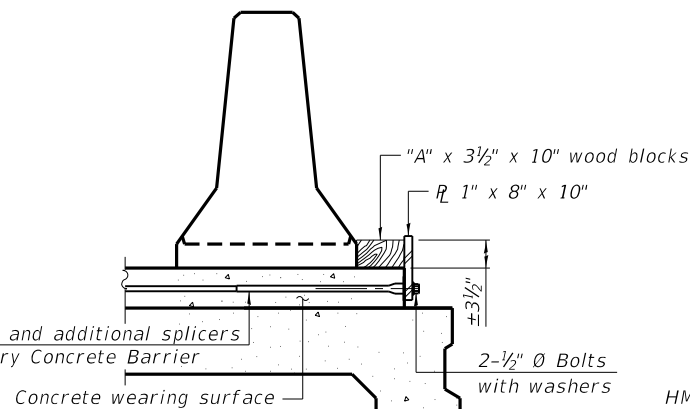


RESTRAINING PIN

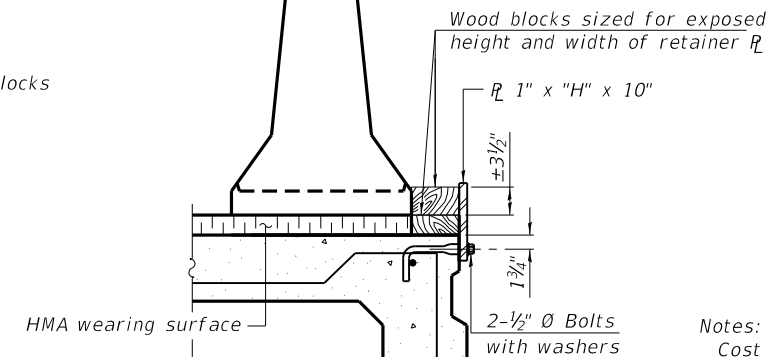
SECTIONS THRU SLAB OR DECK BEAM



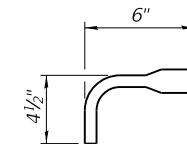
DETAIL I



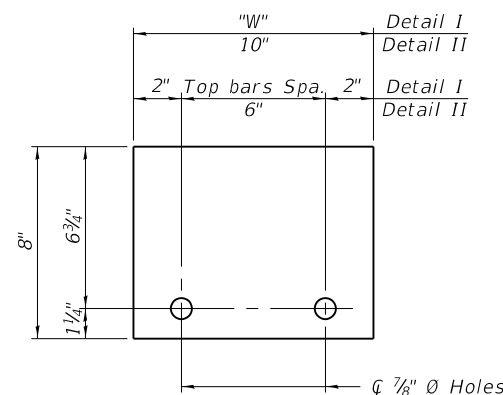
DETAIL II



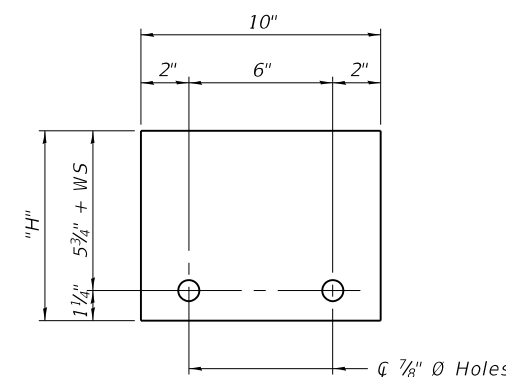
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER R 1" x 8" x "W"  
(Detail I and II)



STEEL RETAINER R 1" x "H" x 10"  
(Detail III)

Notes:  
 Cost of retainer assembly is included with Temporary Concrete Barrier.  
 A retainer assembly shall be located at the approximate  $\bar{C}$  of each temporary concrete barrier.  
 The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.  
 When the 'A' dimension is less than 1 1/2', the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.  
 Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.  
 Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

MODEL: SHEET  
 FILE NAME: 0810106-64F78-013-TPBRR

R-27 2-17-2017



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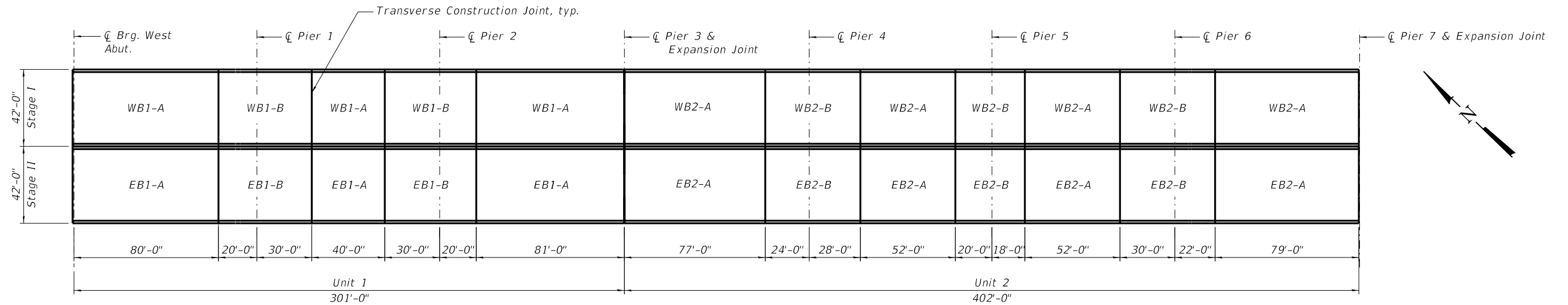
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION  
 STRUCTURE NO. 081-0106

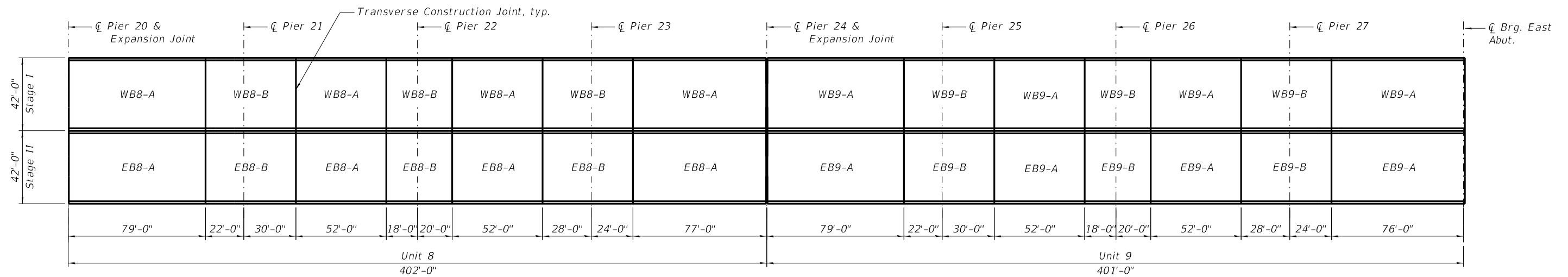
SHEET S-13 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	96
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				





PARTIAL PLAN



PARTIAL PLAN

**NOTES:**

1. Pour segment designations shown indicate the pour sequence to be followed.
2. When the deck pour sequence is stopped for the day at one or more of the transverse bonded construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:
  - a. At least 72 hours shall have elapsed for the end of the previous pour.
  - b. The concrete strength shall have attained a minimum flexural strength of 675 psi or a minimum compressive strength of 4000 psi.
3. The entire deck between adjacent expansion joints shall be removed prior to placing the new concrete.
4. All transverse joints are mandatory except for those in Unit 1. See Note 5.
5. The Contractor is alerted that the dead load deflection values shown on the drawings for Units 1, 2, 8 and 9 were developed based on the deck pouring sequence shown. Any deviation from this pouring sequence will result in changes to deck elevations. If the Contractor wishes to change the sequence, then the proposed plan revisions and design calculations, prepared and sealed by an Illinois Licensed Structural Engineer, shall be submitted to the Engineer for review and approval.
6. See Sheet S-15 of S-134 for deck pour sequence for Units 3 thru 7.

MODEL: SHEET  
FILE NAME: 0810106-64F78-014-DP5EQ1



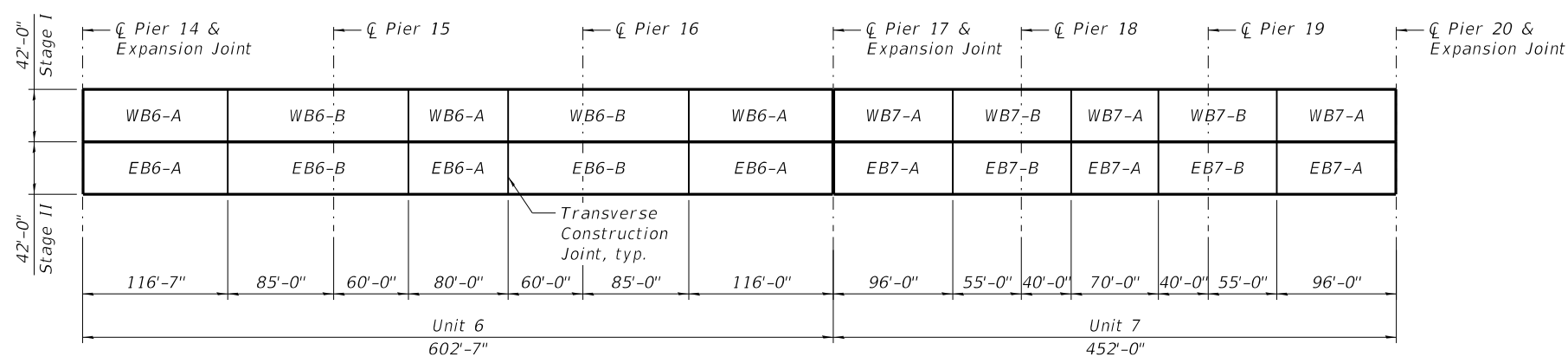
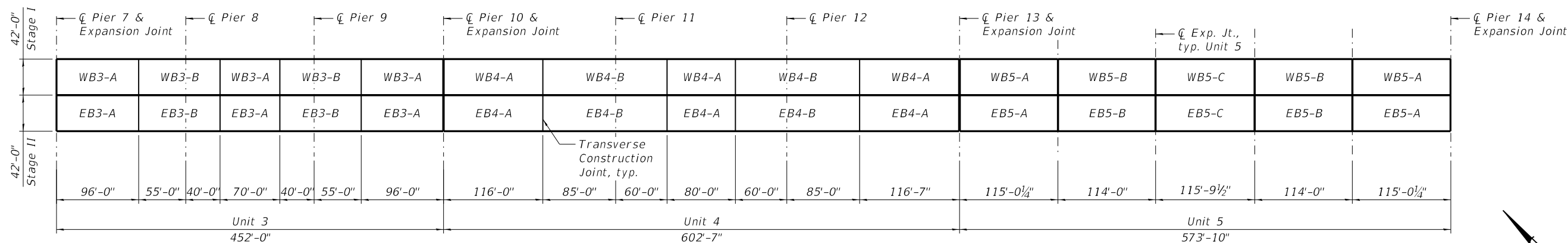
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

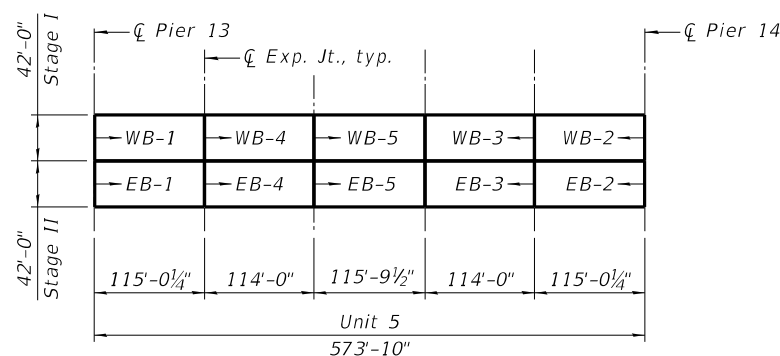
**DECK POUR SEQUENCE I  
STRUCTURE NO. 081-0106**

SHEET S-14 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	97
CONTRACT NO. 64F78				
		ILLINOIS	FED. AID PROJECT	



**PARTIAL PLAN**



**UNIT 5 DECK REMOVAL DETAIL**

The existing arch deck shall be removed per above deck removal sequence.

**NOTES:**

1. Pour segment designations shown indicate the pour sequence to be followed.
2. When the deck pour is stopped for the day at one or more of the transverse bonded construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:
  - a. At least 72 hours shall have elapsed from the end of the previous pour.
  - b. The concrete strength shall have attained a minimum flexural strength of 675 psi or a minimum compressive strength of 4000 psi.
3. The existing deck between adjacent pier expansion joints shall be entirely removed prior to placing the new concrete. See "Unit 5 Deck Removal Detail" for deck removal of Arch Span.
4. All transverse joints are mandatory except for those in Unit 1. See Note 5.
5. The Contractor is alerted that the dead load deflection values shown on the drawings for Units 3 thru 7 were developed based on the deck pouring sequence shown. Any deviation from this pouring sequence will result in changes to deck elevations. If the Contractor wishes to change the sequence, then the proposed plan revisions and design calculations, prepared and sealed by an Illinois Licensed Structural Engineer, shall be submitted to the Engineer for review and approval.

MODEL: SHEET  
FILE NAME: 0810106-64F78-015-DP5E02



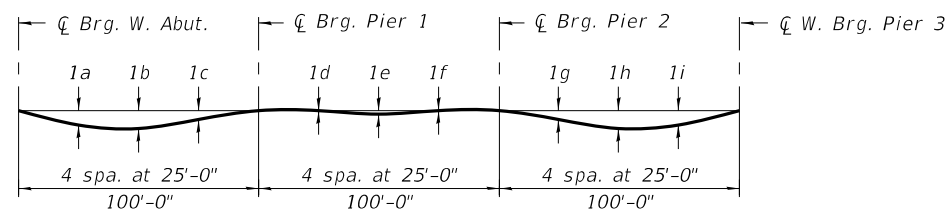
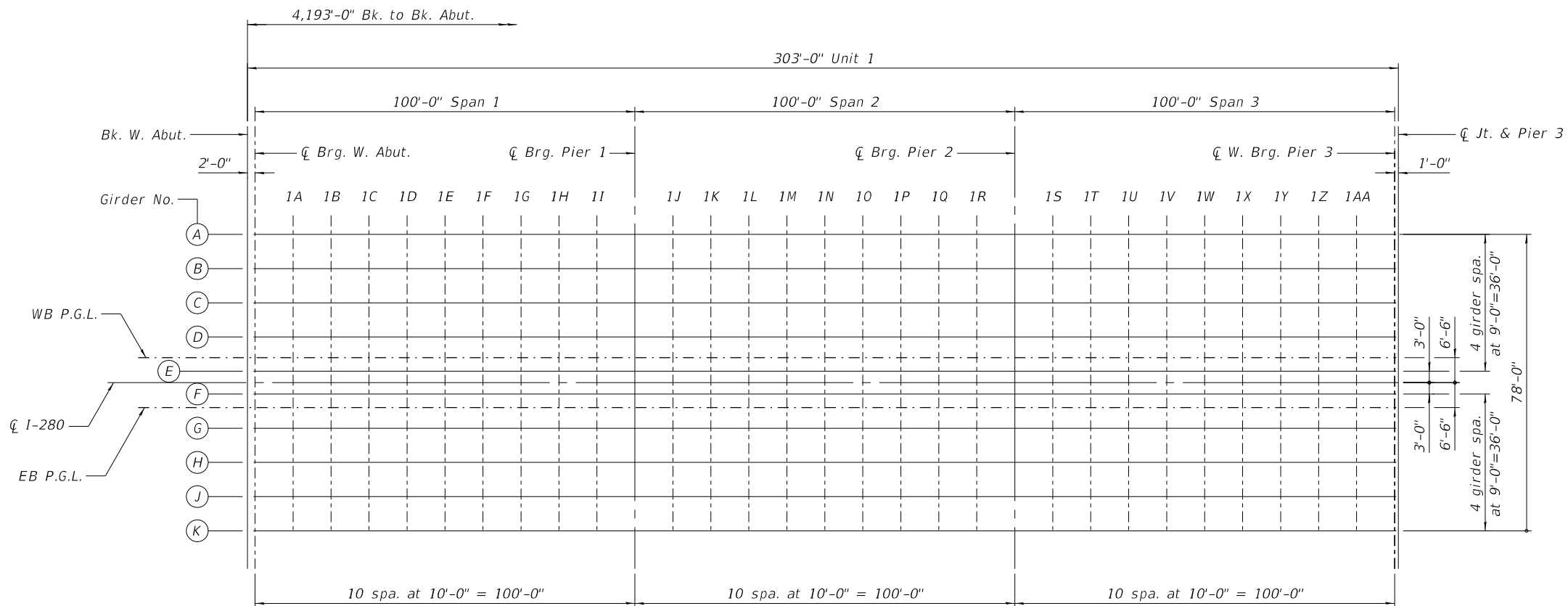
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	CHECKED - JGS	REVISED -
PLOT SCALE = N.T.S.	DRAWN - MDW	REVISED -
PLOT DATE = 10/5/2020	CHECKED - JGS	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DECK POUR SEQUENCE II  
STRUCTURE NO. 081-0106

SHEET S-15 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	98
CONTRACT NO. 64F78				
ILLINOIS FED. AID PROJECT				



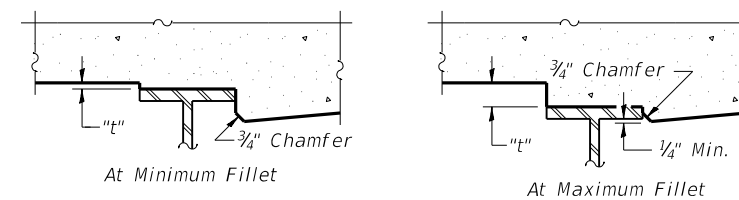
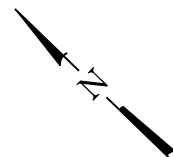
Girder No.	1a	1b	1c	1d	1e	1f	1g	1h	1i
A, E, F & K	7/8"	1"	5/8"	0"	0"	0"	5/8"	1"	7/8"
B-D & G-J	1"	1 1/4"	5/8"	0"	1/8"	0"	5/8"	1 1/4"	1"

**DEAD LOAD DEFLECTION DIAGRAM**

(Includes weight of concrete only.)

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections and grinding as shown on sheets S-17 & S-18 of S-134.

**PLAN**



To determine "t": After all structural steel has been erected, elevations of the top flanges of the girders shall be taken at intervals shown on sheets S-17 & S-18 of S-134. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding" shown on sheets S-17 & S-18 of S-134, minus 8 3/4" deck thickness, equals the fillet heights "t" above top flange of girders.  
 The slab is to be ground after curing to achieve smoothness, but the slab is not to be ground to elevations below the "Theoretical Grade Elevations" shown on sheets S-17 & S-18 of S-134. For grinding the deck, see Special Provisions.

**FILLET HEIGHTS**

MODEL: SHEET  
 FILE NAME: 0810106-64F78-016-1T05L



USER NAME = eckay	DESIGNED - ECK	REVISED -
	CHECKED - JGS	REVISED -
PLOT SCALE = N.T.S.	DRAWN - MDW	REVISED -
PLOT DATE = 10/5/2020	CHECKED - JGS	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TOP OF DECK SLAB ELEVATIONS LAYOUT - UNIT 1  
 STRUCTURE NO. 081-0106

SHEET S-16 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	99
CONTRACT NO. 64F78				

ILLINOIS FED. AID PROJECT

GIRDERS A & K

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	20+58.00	39.00	602.40	602.42
☐ Jt. W. Abut.	20+58.10	39.00	602.40	602.42
☐ Brg. W. Abut.	20+60.00	39.00	602.41	602.44
1A	20+70.00	39.00	602.51	602.56
1B	20+80.00	39.00	602.60	602.68
1C	20+90.00	39.00	602.69	602.79
1D	21+00.00	39.00	602.78	602.89
1E	21+10.00	39.00	602.87	602.98
1F	21+20.00	39.00	602.97	603.06
1G	21+30.00	39.00	603.06	603.14
1H	21+40.00	39.00	603.15	603.21
1I	21+50.00	39.00	603.24	603.28
☐ Brg. Pier 1	21+60.00	39.00	603.33	603.36
1J	21+70.00	39.00	603.43	603.44
1K	21+80.00	39.00	603.52	603.53
1L	21+90.00	39.00	603.61	603.63
1M	22+00.00	39.00	603.70	603.73
1N	22+10.00	39.00	603.79	603.82
1O	22+20.00	39.00	603.89	603.91
1P	22+30.00	39.00	603.98	604.00
1Q	22+40.00	39.00	604.07	604.09
1R	22+50.00	39.00	604.16	604.18
☐ Brg. Pier 2	22+60.00	39.00	604.25	604.28
1S	22+70.00	39.00	604.35	604.38
1T	22+80.00	39.00	604.44	604.50
1U	22+90.00	39.00	604.53	604.61
1V	23+00.00	39.00	604.62	604.72
1W	23+10.00	39.00	604.71	604.82
1X	23+20.00	39.00	604.81	604.91
1Y	23+30.00	39.00	604.90	605.00
1Z	23+40.00	39.00	604.99	605.07
1AA	23+50.00	39.00	605.08	605.14
☐ W. Brg. Pier 3	23+60.00	39.00	605.18	605.20

GIRDERS B & J

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	20+58.00	30.00	602.58	602.60
☐ Jt. W. Abut.	20+58.10	30.00	602.58	602.60
☐ Brg. W. Abut.	20+60.00	30.00	602.59	602.62
1A	20+70.00	30.00	602.69	602.74
1B	20+80.00	30.00	602.78	602.87
1C	20+90.00	30.00	602.87	602.98
1D	21+00.00	30.00	602.96	603.08
1E	21+10.00	30.00	603.05	603.18
1F	21+20.00	30.00	603.15	603.26
1G	21+30.00	30.00	603.24	603.33
1H	21+40.00	30.00	603.33	603.39
1I	21+50.00	30.00	603.42	603.46
☐ Brg. Pier 1	21+60.00	30.00	603.51	603.54
1J	21+70.00	30.00	603.61	603.62
1K	21+80.00	30.00	603.70	603.71
1L	21+90.00	30.00	603.79	603.81
1M	22+00.00	30.00	603.88	603.91
1N	22+10.00	30.00	603.97	604.00
1O	22+20.00	30.00	604.07	604.09
1P	22+30.00	30.00	604.16	604.18
1Q	22+40.00	30.00	604.25	604.27
1R	22+50.00	30.00	604.34	604.36
☐ Brg. Pier 2	22+60.00	30.00	604.43	604.46
1S	22+70.00	30.00	604.53	604.57
1T	22+80.00	30.00	604.62	604.68
1U	22+90.00	30.00	604.71	604.80
1V	23+00.00	30.00	604.80	604.91
1W	23+10.00	30.00	604.89	605.01
1X	23+20.00	30.00	604.99	605.11
1Y	23+30.00	30.00	605.08	605.19
1Z	23+40.00	30.00	605.17	605.26
1AA	23+50.00	30.00	605.26	605.32
☐ W. Brg. Pier 3	23+60.00	30.00	605.36	605.38

GIRDERS C & H

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	20+58.00	21.00	602.76	602.78
☐ Jt. W. Abut.	20+58.10	21.00	602.76	602.78
☐ Brg. W. Abut.	20+60.00	21.00	602.77	602.80
1A	20+70.00	21.00	602.87	602.92
1B	20+80.00	21.00	602.96	603.05
1C	20+90.00	21.00	603.05	603.16
1D	21+00.00	21.00	603.14	603.26
1E	21+10.00	21.00	603.23	603.36
1F	21+20.00	21.00	603.33	603.44
1G	21+30.00	21.00	603.42	603.51
1H	21+40.00	21.00	603.51	603.57
1I	21+50.00	21.00	603.60	603.64
☐ Brg. Pier 1	21+60.00	21.00	603.69	603.72
1J	21+70.00	21.00	603.79	603.80
1K	21+80.00	21.00	603.88	603.89
1L	21+90.00	21.00	603.97	603.99
1M	22+00.00	21.00	604.06	604.09
1N	22+10.00	21.00	604.15	604.18
1O	22+20.00	21.00	604.25	604.27
1P	22+30.00	21.00	604.34	604.36
1Q	22+40.00	21.00	604.43	604.45
1R	22+50.00	21.00	604.52	604.54
☐ Brg. Pier 2	22+60.00	21.00	604.61	604.64
1S	22+70.00	21.00	604.71	604.75
1T	22+80.00	21.00	604.80	604.86
1U	22+90.00	21.00	604.89	604.98
1V	23+00.00	21.00	604.98	605.09
1W	23+10.00	21.00	605.07	605.19
1X	23+20.00	21.00	605.17	605.29
1Y	23+30.00	21.00	605.26	605.37
1Z	23+40.00	21.00	605.35	605.44
1AA	23+50.00	21.00	605.44	605.50
☐ W. Brg. Pier 3	23+60.00	21.00	605.54	605.56

NOTES:

1. Offsets are measured in feet and are given relative to ☐ I-280.

MODEL: SHEET  
FILE NAME: 0810106-64F78-017-1T05E1



USER NAME = eckay	DESIGNED - ECK	REVISED -
	CHECKED - JGS	REVISED -
PLOT SCALE = N.T.S.	DRAWN - WLM	REVISED -
PLOT DATE = 10/5/2020	CHECKED - JGS	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TOP OF DECK SLAB ELEVATIONS I - UNIT 1  
STRUCTURE NO. 081-0106

SHEET S-17 OF S-134 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	(81-1B)D&(81-1-1,81-1-2)RS-1	ROCK ISLAND	306	100
CONTRACT NO. 64F78				
		ILLINOIS	FED. AID PROJECT	