09-20-2024 LETTING ITEM 004

FOR INDEX OF SHEETS, SEE SHEET NO. 2

SUBSURFACE UTILITY ENGINEERING (S.U.E.) UTILIZED ON THIS PROJECT

FUNCTIONAL CLASSIFICATION

INTERSTATE

0

0

0

0

DESIGN DESIGNATION

2,100(35) INTERSTATE RAMPS 135 (PCC-20)

TRAFFIC DATA

INTERSTATE I-80 (RIDGE ROAD TO I-55) 2019 ADT=49,400 (EXISTING) 2040 ADT=69,600 (DESIGN) P.V.=63.87% S.U.=4.13% M.U.=32.00%

I-80 (I-55 TO HOUBOLT RD) 2019 ADT: 65,200 (EXISTING) 2040 ADT: 93,900 (DESIGN) P.V.=72.21% S.U.=4.53% M.U.=23.26%

DESIGN SPEED LIMIT: 70 MPH POSTED SPEED LIMIT: 70 MPH

I-55 (I-55 NORTH OF I-80) 2017 ADT: 93,500 (EXISTING) 2040 ADT: 104,700 (DESIGN)

I-55 (I-55 SOUTH OF I-80) 2017 ADT: 71,100 (EXISTING) 2040 ADT: 82,800 (DESIGN)

DESIGN SPEED LIMIT: 70 MPH POSTED SPEED LIMIT: 65PH

TRAFFIC DATA

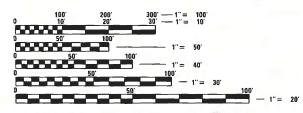
I-55 RAMP A 2017 ADT: 1,630 (EXISTING) 2040 ADT: 3,900 (DESIGN) DESIGN SPEED LIMIT: 50 MPH POSTED SPEED LIMIT: 50 MPH

I-55 RAMP B 2017 ADT: 9,690 (EXISTING) 2040 ADT: 10,900 (DESIGN) DESIGN SPEED LIMIT: 50 MPH POSTED SPEED LIMIT: 50 MPH

I-55 RAMP AA 2017 ADT: 9,720 (EXISTING) 2040 ADT: 15,800 (DESIGN) DESIGN SPEED LIMIT: 50 MPH POSTED SPEED LIMIT: 50 MPH E. FRONTAGE ROAD TRAFFIC COUNT NOT AVAILABLE DESIGN SPEED LIMIT: 45 MPH POSTED SPEED LIMIT: 35 MPH / 25 MPH

I-55 RAMP D 2017 ADT: 8,690 (EXISTING) 2040 ADT: 8,900 (DESIGN) DESIGN SPEED LIMIT: 50 MPH POSTED SPEED LIMIT: 50 MPH

PROJECT IS LOCATED IN THE CITY OF JOLIET AND VILLAGE OF SHOREWOOD



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

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

IDOT FACILITIES ARE NOT LOCATED BY JULIE OR DIGGER.
IDOT ELECTRICAL FACILITIES INCLUDING ROADWAY LIGHTING, FIBER OPTIC, ITS
EQUIPMENT, TRAFFIC SIGNAL AND PUMP STATION FACILITIES ARE LOCATED
BY THE DEPARTMENT'S ELECTRICAL MAINTENANCE CONTRACTOR. AS OF THE
LETTING DATE, CONTACT THE MEADE ELECTRIC COMPANY AT 773–287–7672.

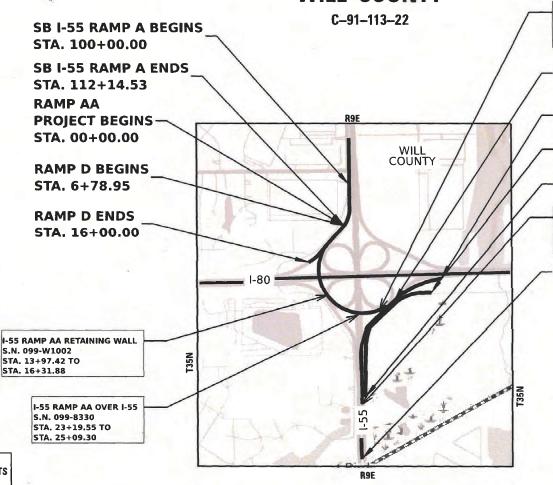
PROJECT ENGINEER: KEN PARK, P.E PROJECT MANAGER: SULEYMAN TULGAR, P.E.

CONTRACT NO. 62R26

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAI ROUTE 80 (I-80) AT I-55
SECTION FAI 80 21 STRUCTURE 5
PROJECT NHPP-HISX(002)
BRIDGE (NEW), INTERCHANGE RECONSTRUCTION,
RETAINING WALL
WILL COUNTY



LOCATION MAP

GROSS LENGTH = 3,109.63 FT. = 0.589 MILE NET LENGTH = 2,919.24 FT. = 0.553 MILE I-55 RAMP AA RETAINING WALL S.N. 099-W1003 STA, 27+31.53 TO STA, 1019+16.89

RAMP AA PROJECT ENDS STA. 31+09.63 RAMP B ENDS

STA. 1033+00.00 E. FRONTAGE RD. ENDS STA. 37+68.82

E. FRONTAGE RD. BEGINS STA. 4+91.00

I-55 RETAINING WALL ALONG AUX LANE S.N. 099-W1001 STA. 983+73.75 TO STA. 1000+24.57 RAMP B BEGINS

STA. 982+94.06



* 525 + 9 = 534 TOTAL SHEET
P-91-185-09

D-91-206-19

* * 534 + 8 = 542 TOTAL SHEETS





STANTEC CONSULTING SERVICES INC.

350 N. ORLEANS STREET, SUITE 8000N CHICAGO, IL 60654-1610 T: (312) 831-3000

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED

REGIONAL ENGINEER

August 16, 2024

ENGINEER OF DESIGN AND ENVIRONMENT

August 16, 2014

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REVISED SHEET 9/10/2024

90% FEDERAL / 10% STATE

				2012/11/				T		1		
				ROADWAY		ENVIRONMENTAL	SAFETY	LIGHTING	ITS	LANDSCAPE	RET WALL	OTHER
CODE				0003	0008	0020	0021	0021	0021	0031	0044	0044
NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	507							507		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	210							210		
										1.05		
20100500	TREE REMOVAL, ACRES	ACRE	1.25							1.25		
20101000	TEMPORARY FENCE	FOOT	687							687		
20101200	TREE ROOT PRUNING	EACH	2							2		
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	2							2		
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	2							2		
20101330	THE THOUSE (OTEN 20 SHELLER)											
20200100	EARTH EXCAVATION	CU YD	52,700	52,700	\$ / 1\							
20200200	ROCK EXCAVATION	CU YD	1,000	1,000								
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,275	2,275								
20201200	NEIGVAL AND DISTOSAL OF ORSOLITABLE PATERIAL	COTD										
20400800	FURNISHED EXCAVATION	CU YD	65,075	65,075	TB T							
			}		$\beta \Lambda$							
20800150	TRENCH BACKFILL	CU YD	796	796	J							
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	7,000	7,000								
21001000	GLOTECHNICAL TABLET TON GROUND STABILIZATION	50 10	7,000	7,000								
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	23,485							23,485		
25000115	SEEDING, CLASS 1B	ACRE	1.00							1.00		
25000210	SEEDING, CLASS 2A	ACRE	8.00							8.00		
23000210	SELDING, CEASS ZA	ACNE	0.00							0.00		
25000310	SEEDING, CLASS 4	ACRE	10.25							10.25		
25000314	SEEDING, CLASS 4B	ACRE	0.50							0.50		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,800							1,800		
23000400	NTINOSEN FERITLIZER NUIRIENI	POUND	1,000							1,000		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,800							1,800		

* =SPECIALTY ITEMS

REVISED SHEET 9/10/2024



- 1	USER NAME = jstrouse	DESIGNED -	REVISED -
		DŘÁWN -	REVISED -
	PLOT SCALE = 100.000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/26/2024	DATE -	REVISED -

90% FEDERAL / 10% STATE

				ROADWAY		ENVIRONMENTAL	SAFETY	LIGHTING	ITS	LANDSCAPE	RET WALL	OTHER
CODE				0003	8000	0020	0021	0021	0021	0031	0044	0044
NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	RURAL
25003210	INTERSEEDING, CLASS 2A	ACRE	3.00							3.00		
25003310	INTERSEEDING, CLASS 4	ACRE	5.00							5.00		
25100630	FROCTON CONTROL DI ANVET	SQ YD	81,590			81,590						
25100030	EROSION CONTROL BLANKET	50 10	81,590			81,390						
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	2,040			2,040						
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	43,830			43,830						
			1 010									
28000305	TEMPORARY DITCH CHECKS	F00T	1,810			1,810						
28000400	PERIMETER EROSION BARRIER	F00T	14,269			14,269						
28000510	INLET FILTERS	EACH	16			16						
			225			225						
28001000	AGGREGATE (EROSION CONTROL)	TON	235			235						
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	70,969			70,969						
28100107	STONE RIPRAP, CLASS A4	SQ YD	276			276						
28200200	ETITED CARRIE	CO VD	276			276						
28200200	FILTER FABRIC	SQ YD	276			2/0						
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2,275	2,275								
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	47,586	47,586								
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	11,044	11,044								
31101200	SUDDASE GRANULAR MATERIAL, TIPE B 4	3Q 1D	11,644		3/1\							
31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	9,992	9,992								
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	22,103	22,103								
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	39	39								
+0200J00	AGGREGATE SURFACE COURSE, THE A U	JQ 10	39									
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	44	44								
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8,858	8,858								

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				ROADWAY	BRIDGE, NEW	ENVIRONMENTAL	SAFETY	LIGHTING	ITS	LANDSCAPE	RET WALL	ОТН
				0003	0008	0020	0021	0021	0021	0031	0044	96
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	RU
40600370	LONGITUDINAL JOINT SEALANT	FOOT	6,554	6,554								
			,	,								
40701836	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 ¾"	SQ YD	8,709	8,709								
40701981	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 15"	SQ YD	1,572	1,572								
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	137	137								
42000516	PORTLAND CEMENT CONCRETE PAVEMENT 10 ¾" (JOINTED)	SQ YD	17,324	17,324								
42001200	PROTECTIVE COAT	CO VD	22, 604	22.604								
42001300	PROTECTIVE COAT	SQ YD	32,684	32,684								
42100320	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11"	SQ YD	2,336	2,336								
42100615	PAVEMENT REINFORCEMENT	SQ YD	2,336	2,336								
44000100	PAVEMENT REMOVAL	SQ YD	23,723	23,723	A							
44001980	CONCRETE BARRIER REMOVAL	FOOT	222	222								
44004000	PAVED DITCH REMOVAL	F00T	357	357								
44004250	PAVED SHOULDER REMOVAL	SQ YD	8,977	8,977								
44201051	CLASS D DATES TO THE TAIL AT THE	50 VD	252	252								
44201851	CLASS D PATCHES, TYPE II, 17 INCH	SQ YD	352	352								
44201855	CLASS D PATCHES, TYPE III, 17 INCH	SQ YD	352	352								
44201857	CLASS D PATCHES, TYPE IV, 17 INCH	SQ YD	352	352								
44201037	CEASS D'ATCHES, THE IV, IV INCH	34 15	332	332								
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	5,467	5,467								
48203057	HOT-MIX ASPHALT SHOULDERS, 15"	SQ YD	3,915	3,915								
48300515	PORTLAND CEMENT CONCRETE SHOULDERS 10 ¾"	SQ YD	10,848	10,848								
50104400	CONCRETE HEADWALL REMOVAL	EACH	10	10								
50200100	STRUCTURE EXCAVATION	CU YD	1,644.3		481.7	1					1,162.6	

* =SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	_			D 1/	05 01			F.A.I RTE.
SUMMARY OF QUANTITIES							1-80	
	SHEET	3	ΩF	14	SHEETS	STA	TO STA	

90% FEDERAL / 10% STATE

				ROADWAY	BRIDGE, NEW	ENVIRONMENTAL	SAFETY	LIGHTING	ITS	LANDSCAPE	RET WALL	OTHER
				0003	8000	0020	0021	0021	0021	0031	0044	0044
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	RURAI
					21.21.31	21.2.3.3					01121111	
52200250	UNTREATED TIMBER LAGGING	SQ FT	10,115								10,115	
52200500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	7,280		3,310						3,970	
52318802	DRAINAGE SYSTEM FOR STRUCTURES	L SUM	1		1							
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	11	11								
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	6	6	<u>`B</u>							
			8		7							
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	20	20	3							
			Jumuu	uuuu	7							
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	2								
			_	_								
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	1	1								
			_	_								
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	48	48								
330/100/0	STORT SEREIGY CERES NY THE I IS		10	10								
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	302	302								
SSONOIZO	STORT SERENCY CERSO A, THE I 24	1001	302	302								
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	194	194								
330A0300	STORT SERENCY, CEASS A, THE Z IS	1001	154	154								
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	263	263	7							
330A0300	STORT SERENCY, CEASS A, THE Z TO	1001	203	203	A							
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	741	741	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							
JJ0A0410	STORT SEWERS, CEASS A, TIFE 2 24	1001	turium									
550A1280	STORM SEWERS, CLASS A, TYPE 5 24"	FOOT	317	317								
	STORY SEWERS, CLASS A, TIFE S 24	FOOT	317	317								
550A1620	STORM SEWERS, CLASS A, TYPE 6 36"	FOOT	205	205								
JJUNIUZU	STORY SEWERS, CLASS A, TIFE 0 30	FOOT	203	203								
55100500	STORM SEWER REMOVAL 12"	F00T	33	33								
22100300	STORY SEMEN NEPOVAL 12	FUUT	33	33								
55100900	STORM SEWER REMOVAL 18"	F00T	275	275								
22100900	STURY SEWER REPUVAL 10	FUUT	2/3	2/3	 							
EE101200	CTORM CENER REMOVAL 24"	FOOT	700	700	2/1\							
55101200	STORM SEWER REMOVAL 24"	F00T	700	700	¥							
FF101400	CTODM CELIED DEMOVAL 2011											
55101400	STORM SEWER REMOVAL 30"	F00T	142	142								
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	27.6		3.2					1	24.4	

* =SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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,								į	
SHEET	5	OF	14	SHEETS	STA	-	TO STA		

90% FEDERAL / 10% STATE

				ROADWAY	BRIDGE, NEW ENVIRONMENTAL	SAFETY	LIGHTING	ITS	LANDSCAPE	RET WALL	ОТ
				0003	0008 0020	0021	0021	0021	0031	0044	00
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	RU
	CONCRETE DARRIED CINCLE FACE AA THOU HETCHT	F00T	1 215			1 215					
63700180	CONCRETE BARRIER, SINGLE FACE, 44 INCH HEIGHT	F00T	1,215			1,215					
63700280	CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT	F00T	74			74					
63700805	CONCRETE BARRIER TRANSITION	F00T	60			60					
63700900	CONCRETE BARRIER BASE	FOOT	50			50					
03700300	CONCRETE BANKIER BASE	1001	30			30					
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	F00T	144			144					
66400105	CHAIN LINK FENCE, 4'	F00T	4,724	4,724		Ì					
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	26,183	26,183							
00300200	NOW STEELINE WASTE DESIGNATE	60 10	20,103	20,103							
66900530	SOIL DISPOSAL ANALYSIS	EACH	12	12							
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1							
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1							
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	100	100							
67100100	MOBILIZATION	L SUM	1	1							
	FIODELIZATION	L 30H	1								
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	603			603					
70301100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - EPOXY	SQ FT	100			100					
70301120	TEMPORARY PAVEMENT MARKING - LINE 4" - EPOXY	F00T	84,329	<u>~~~~~</u>		84,329	3/1				
			71			luiuu					
70301125	TEMPORARY PAVEMENT MARKING - LINE 5" - EPOXY	F00T	7,794			7,794					
70201140	TEMPORARY RANGEMENT MARKETING A TRIS ON FRONT	5007	7.1	·····			<u> </u>				
70301140	TEMPORARY PAVEMENT MARKING - LINE 8" - EPOXY	F00T	12,886			12,886	3				
70301160	TEMPORARY PAVEMENT MARKING - LINE 12"- EPOXY	FOOT	1,132			1,132	<u>}</u>				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	19,262.5			19,262.5	<u> </u>				
7,0400100	TELL STORE CONCRETE BRINZER	1001					 				
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	153			153					

* =SPECIALTY ITEMS

REVISED SHEET 9/10/2024



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				ROADWAY	BRIDGE, NEW	ENVIRONMENTAL	SAFETY	LIGHTING	ITS	LANDSCAPE	RET WALL	OTHER
CODE				0003	0008	0020	0021	0021	0021	0031	0044	0044
NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	RURAL
				······	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·					
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	F00T	21,525				21,525	R				
			8					Z /1\				
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	4				4	3				
	· · · · · · · · · · · · · · · · · · ·		(humun	uuuu		Luuuu		}				
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2				2					+
70000200	THE ATTEMOTIONS, TELLOWART (TOLLT REDIRECTIVE, MARKOW), TEST LEVEL S	LACII										+
			mmm	m	<u> </u>	mmm		12 A				-
70600280	IMPACT ATTENUÂTORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	22				22	B/1\				
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2				2					
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2				2					
70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	23				23					
72000100	SIGN PANEL - TYPE 1	SQ FT	27									27
72000100	STON PAREE THE I	34 11	2,									
			205									
72000200	SIGN PANEL - TYPE 2	SQ FT	385									385
72000300	SIGN PANEL - TYPE 3	SQ FT	3,847									3,847
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	6									6
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	5									5
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	12									12
72.00020	Name											
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	430									430
72400330	REMOVE SIGN PANEL - TIPE 3	3ų F1	430									430
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	13				13					
												1
72600100	MILE POST MARKER ASSEMBLY	EACH	1									1
73000100	WOOD SIGN SUPPORT	F00T	322									322
73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	F00T	399									399
										1		
73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	F00T	37									37
75304000	OVERHEND STOR STRUCTIONS - DIVIDGE MODULED	FUUT	31									+ 37
										1		
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	133.8									133.8

* =SPECIALTY ITEMS

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TO STA.

90% FEDERAL / 10% STATE

					ROADWAY	BRIDGE, NEW E	NVIRONMENTAL	SAFETY	LIGHTING	ITS	LANDSCAPE	RET WALL	OTHE
	CODE				0003	8000	0020	0021	0021	0021	0031	0044	004
_	NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	RUR
_	78011060	GROOVING FOR RECESSED PAVEMENT MARKING 12"	F00T	319				319					
_	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	634				634					
_	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	50				50					
_	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	296				296					
_	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	71,420	<u> </u>	mm	· · · · · · · · · · · · · · · · · · ·	71,420	R				-
	70300202	PAVENTENT PIANCING REPOVAL - WATER BEASTING	30 11	71		Jummy			3/1\				
	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1						1			
_	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1						1			
	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	F00T	123						123			
_	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	F00T	360						360			
_	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	F00T	350					350				
	81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	F00T	1,798						1,798			
	81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	10					10				
_	81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	F00T	860					860				
	81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	5					5				
	81400200	HEAVY-DUTY HANDHOLE	EACH	6						6			
	81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 ½" DIA. POLYETHYLENE	F00T	11,835					11,835				
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	F00T	3,631						3,631			
	81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	F00T	930					930				
	81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	F00T	10,412					2,790	7,622			
\vdash	81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	F00T	5,440					5,440				
\vdash				2,		+ +		1	3,				

* =SPECIALTY ITEMS

REVISED SHEET 9/10/2024



USER NAME = jstrouse	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2024	DATE -	REVISED -

90% FEDERAL / 10% STATE

					1								
				ROADWAY	BRIDGE, NEW	ENVIRONMENTAL	SAFETY	LIGHTING	ITS	LANDSCAPE	RET WALL	OTHER	
CODE				0003	0008	0020	0021	0021	0021	0031	0044	0044	
NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	RURAI	
Z0000100	ABANDON EXISTING CULVERT	EACH	1	1									
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	8,000	8,000									
			_	_									
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1									
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	2		2								
VCC 40104	FENCE DENOVAL	F007	5 400	F 400									
X6640104	FENCE REMOVAL	F00T	5,409	5,409									
70020000	DIAMOND COLUDING (DDIDGE CECTION)	CO VD	1 012		1 012								
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	1,012		1,012								
70020950	TEMPODADY INFORMATION CICATNIC	SQ FT	524	E24									
Z0030850	TEMPORARY INFORMATION SIGNING	SŲ FI	534	534									
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	38					38					
20033020	LUMINAINE SAFETT CABLE ASSEMBLT	EACH	36					30					
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12					12					
20033020	PATRICIPANCE OF EIGHTING STSTEP	CAL HO	12					12					
Z0034105	MATERIAL TRANSFER DEVICE	TON	352	352									
2005 1105	THE COLUMN TO THE SECOND TO TH												
Z0062456	TEMPORARY PAVEMENT	SQ YD	10,624	10,624									
			huiliu	20,024) 								
X8301802	REMOVE TEMPORARY WOOD POLE	EACH	3					3					
7,0301002													
X0324097	COARSE SAND PLACEMENT, 2"	SQ YD	1,295							1,295			
										-			
X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	50							50			
X0325280	EXPRESSWAY SWEEPING CYCLE	EACH	16			16							
X0326944	ATMS INTEGRATION	L SUM	1						1				
X0327120	WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT	ACRE	4.25							4.25			
							<u> </u>						
X8302151	TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	3					3					
X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	24						24				
X1400316	GAS/OIL PIPELINE PROTECTION	L SUM	1	1									

* =SPECIALTY ITEMS

Stantec

	USER NAME = jstrouse	DESIGNED _	REVISED _
,		DRAWN _	REVISED _
•	PLOT SCALE = 100.000 ' / in.	CHECKED _	REVISED _
	PLOT DATE = 6/26/2024	DATE _	REVISED _

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 12 OF 14 SHEETS STA. TO STA.

SCALE:

TRAFFIC CONTROL GENERAL NOTES

- THE MAINTENANCE OF TRAFFIC PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. THE CONTRACTOR MAY MODIFY THE MAINTENANCE OF TRAFFIC PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND
- THE REMOVAL OF EXISTING CONFLICTING PAVEMENT MARKING LINES WILL BE PAID FOR AS PAVEMENT MARKING REMOVAL - WATER BLASTING. THE REMOVAL OF TEMPORARY PAVEMENT MARKING WILL BE PAID FOR AS PAVEMENT MARKING REMOVAL -
- TRAFFIC CONTROL DEVICES INCLUDING, BUT NOT LIMITED TO DRUMS, VERTICAL PANELS, AND BARRICADES LOCATED IN TAPERS, GORES, AND LANE SHIFTS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS.
- THE CONTRACTOR SHALL REMOVE OR COVER ALL EXISTING SIGNS THAT CONFLICT WITH OR DO NOT APPLY TO THE REVISED TRAFFIC PATTERNS AND SHALL RESTORE THE SIGNS AT THE END OF CONSTRUCTION AS DIRECTED BY THE ENGINEER.
- SIGNING FOR CONSTRUCTION ENTRANCES/EXITS SHALL BE IMPLEMENTED ACCORDING TO DISTRICT TRAFFIC CONTROL STANDARD TC-18 SIGNING AND FLAGGING OPERATIONS AT WORK ZONE OPENINGS
- TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
- THE CONTRACTOR SHALL REMOVE ALL EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WHICH CONFLICT WITH THE TRAFFIC CONTROL PLANS. THIS WORK SHALL BE PAID FOR AS "RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL." THE REINSTALLATION OF REFLECTORS INTO THE RAISED PAVEMENT MARKER CASTINGS UPON COMPLETION OF STAGING SHALL BE PAID FOR AS "RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT."
- EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
- ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLORESCENT ORANGE REFLECTORIZED BACKGROUND.
- 10. ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START
- 11. THE CONTRACTOR SHALL CONTACT THE EXPRESSWAY'S TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 AND KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA,KANNAN-HOSADURGA@ILLINOIS,GOV, A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK
- 12. A 24" DEFLECTION AREA IS REQUIRED FROM THE BACK SIDE OF THE TEMPORARY BARRIER WALL TO ANY OBSTRUCTION OR DROP OFF IN THE WORK ZONE. IF THIS DEFLECTION AREA CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT (EXCLUDING BRIDGE DECKS) IN ACCORDANCE WITH THE IDOT SAFETY ENGINEERING POLICY MEMORANDUM 4-21, THIS WORK SHALL BE PAID FOR AS PINNING TEMPORARY CONCRETE BARRIER.
- 13. THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT WWW.IDOTLCS.COM TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE, RAMP, AND SHOULDER CLOSURES AND 7 DAYS IN ADVANCE OF ALL PERMANENT AND WEEKEND CLOSURES ON ALL FREEWAYS AND/OR EXPRESSWAYS IN DISTRICT ONE. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON A WORKWEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS.
- 14. ALL TEMPORARY INFORMATION SIGNS SHALL HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
- 15. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC AS SOON AS THEY ARE NO LONGER NECESSARY.
- 16. THE FURNISHING, INSTALLATION, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) FOR THOSE SIGNS ALONG EXPRESSWAYS. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED
- 17. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR ONE PLACEMENT HAS BEEN PROVIDED FOR EACH STAGE. ALL MARKINGS THAT REQUIRE REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH TEMPORARY MARKINGS. IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR PROPOSED STRIPING AT THE COMPLETION OF THIS CONTRACT. THE EXACT LOCATIONS OF ALL PROPOSED PAVEMENT MARKINGS SHALL BE DIRECTED BY THE ENGINEER.
- 19. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 20. TYPE I, TYPE II, AND TYPE III BARRICADES SHALL BE WEIGHTED IN A MANNER APPROVED BY THE MANUFACTURER SO THEY ARE NOT MOVED BY TRAFFIC.
- 21. THE "ROAD CONSTRUCTION AHEAD" SIGNS ON ARTERIALS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.

DRAWN - MRS

CHECKED - BDS

- 11/18/2022

DATE

22. THE CONTRACTOR IS DIRECTED TO THE FACT THAT OTHER SEPARATE CONTRACTS ARE, OR MAY BE, IN FORCE THAT INTERSECT THE LIMITS OF THIS PROJECT. THE CONTRACTOR SHALL COOPERATE WITH THE OTHER CONTRACTORS IN THE PHASING AND PERFORMANCE OF THIS WORK SO AS NOT TO DELAY, INTERRUPT, OR HINDER THE PROGRESS OR COMPLETION OF THE WORK BEING PERFORMED BY OTHER CONTRACTORS. THE CONTRACTOR SHALL TAKE INTO CONSIDERATION THE REQUIREMENTS OUTLINED IN THE SPECIAL PROVISION "CONTRACTOR COOPERATION" WHEN WORKING WITH OTHER CONTRACTORS AND THE DEPARTMENT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR COMPLIANCE WITH THE ABOVE REQUIREMENTS, NOT FOR ANY DELAYS OR INCONVENIENCES RESULTING FROM THE ACTIVITIES OF OTHER CONTRACTORS. SHOULD A CONFLICT AIRSE BETWEEN THE CONTRACTORS WITH RESPECT TO SEQUENCE OF CONSTRUCTION OR MAINTENANCE OF TRAFFIC REQUIREMENTS, SAID CONFLICTS SHALL BE RESOLVED BY, OR AT THE DISCRETION OF THE ENGINEER.

IDOT CONTRACT 62R28 INCLUDES PROVISIONS FOR PLANNED RAMP CLOSURES AND DETOURS OF TRAFFIC AS PART OF THE MAINTENANCE OF TRAFFIC PLAN. COORDINATE WITH THE ENGINEER AND 62R28 CONTRACTOR FOR THE TIMING OF THE ESTABLISHED

ANTICIPATED RAMP CLOSURES DATES AND DURATION'S ARE LISTED BELOW FOR REFERENCE:

RAMP AA: APRIL 1,2025 TO JUNE 30, 2026

RAMP BB: DECEMBER 1, 2025 TO MARCH 31,2026 RAMP CC: APRIL 1, 2025 TO NOVEMBER 30, 2025 JULY 1, 2026 TO SEPTEMBER 30, 2026 RAMP DD: JULY 1, 2026 TO SEPTEMBER 30, 2026

23. ACCESS ALONG MOUND ROAD AND E. FRONTAGE ROAD MUST BE MADE AVAILABLE ACCESS ALONG MOUND ROAD AND E. FRONTAGE ROAD MUST BE MADE AVAILABLE THROUGH CONSTRUCTION TO OWNERS OF THE ADJACENT PROPERTIES, IDOT, CITY OF JOLIET, CSX RAILROAD AND THEIR DULY AUTHORIZED AGENTS. THE CONTRACTOR SHALL PROVIDE A MINIMUM 10-FOOT WIDE TRAVERSABLE ROUTE FOR THE LISTED ENTITIES THROUGH THE WORK ZONE TO THEIR RESPECTIVE PROPERTIES. THE ACCESS ROUTE SHALL BE ADJUSTED THROUGH CONSTRUCTION TO ACCOMMODATE THE ADJACENT WORK AND AS APPROVED BY THE ENGINEER. ACCESS ALONG MOUND ROAD AND E. FRONTAGE ROAD IS NOT REQUIRED TO BE PROVIDED TO THE MOTORING PUBLIC. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICES OF THE PAY ITEMS ASSOCIATED WITH THE RECONSTRUCTION OF MOUND ROAD AND E. FRONTAGE ROAD. AND E. FRONTAGE ROAD.

/1\REVISED SHEET 9/10/2024 USER NAME = dbook DESIGNED - MRS REVISED - <u></u> 9/6/2024 COUNTY

Stantec PLOT DATE = 9/6/2024

REVISED -

REVISED

REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SUGGESTED TRAFFIC CONTROL PLAN I-80 FAI 80 21 STRUCTURE 5 **GENERAL NOTES** SCALE: NTS SHEET 1 OF 61 SHEETS STA. TO STA.

WILL

525 121

CONTRACT NO. 62R26

SUGGESTED STAGING SEQUENCE

PRE-STAGE

MAINTENANCE OF TRAFFIC

MAINTAIN EXISTING TRAFFIC ON THE RAMP, IMPLEMENT SHOULDER CLOSURES ADJACENT THE WORK ZONE PER THE SUGGESTED MAINTENANCE OF TRAFFIC PLAN AND DISTRICT ONE DETAIL TC-17.

CONSTRUCTION TO BE COMPLETED IN STAGE

RAMP D
WORK IN THIS STAGE CONSISTS OF REMOVING EXISTING PAVEMENT MARKINGS AND
REPLACING WITH TEMPORARY PAVEMENT MARKINGS ON RAMP D AND PLACING TEMPORARY
PAVEMENT FOR USE IN STAGES 2A AND 2B. COORDINATE EXACT LIMITS OF TEMPORARY
PAVEMENT WITH CONTRACT 62R28. THE EXISTING RUMBLE STRIPS ALONG RAMP D ON
BOTH SIDES ARE TO BE FILLED IN.

STAGE 1

MAINTENANCE OF TRAFFIC

SHIFT AND NARROW LANES NORTHBOUND AND SOUTHBOUND TRAFFIC ACCORDING TO THE SUGGESTED MAINTENANCE OF TRAFFIC PLAN. CONTRACTOR TO UTILIZE D1 DETAIL TC-09 AND TC-17 AND HIGHWAY STANDARDS 701400,701401,701428, AND 701446 ING THE ALLOWABLE HOURS AS SHOWN ON STAGING PLANS

WORK ZONE SPEED LIMIT = 55 MPH

CONSTRUCTION TO BE COMPLETED IN STAGE

 $\ensuremath{\mathsf{RAMP}}\xspace \ensuremath{\mathsf{AA/RAMP}}\xspace \ensuremath{\mathsf{B}}\xspace$ Offline construction of embankment to begin.

E. FRONTAGE ROAD REMOVE AND RECONSTRUCT TRAVEL LANES AND SHOULDERS THROUGH PROJECT LIMITS.

L55
WORK IN THIS STAGE CONSISTS OF REMOVING CONFLICTING EXISTING PAVEMENT
MARKINGS, PLACING TEMPORARY PAVEMENT MARKINGS AND TEMPORARY CONCRETE
BARRIER. CONSTRUCT THE NORTHBOUND AND SOUTHBOUND AUXILIARY LANES AND
SHOULDERS ACCORDING TO THE MAINTENANCE OF TRAFFIC PLAN.

CONSTRUCTION OF OUTSIDE ABUTMENTS FOR RAMP AA FLYOVER BRIDGE TO BEGIN. CONSTRUCTION OF ABUTMENTS MUST BE COMPLETED BY JULY 1, 2026.

CONSTRUCT RETAINING WALL 099-W1001.

CONSTRUCT OVERHEAD SIGN STRUCTURE FOUNDATIONS AT THE MEDAIN AND OUTSIDE SHOULDER AT ONE LOCATIONS. INSTALL SIGN TRUSS SPAN TRUSS AND SIGN PANELS USING A FULL CLOSURE. REMOVE EXISTING SIGN STRUCTURES AND SIGNS ONCE PROPOSED SIGNS ARE COMPLETE.

STAGE 2A

MAINTENANCE OF TRAFFIC

RAMP D
MAINTAIN RAMP TRAFFIC AND SHIFT ALL TRAFFIC ONTO THE TEMPORARY PAVEMENT
CONSTRUCTED DURING PRE-STAGE AS WELL AS PORTIONS CONSTRUCTED IN CONTRACT
62R28 ACCORDING TO THE SUGGESTED MAINTENANCE OF TRAFFIC PLAN.

ADVISORY SPEED = 50 MPH

RAMP B SHIFT RAMP B TRAFFIC TO THE TEMPORARY RAMP B SLIP RAMP DEFINED IN SHEETS 181A THROUGH 181H. SLIP RAMP FOLLOWS TEMPORARY AND PERMANENT PAVEMENTS CONSTRUCTED IN PREVIOUS STAGE.

ADVISORY SPEED = 40 MPH

LESS CONTRACTOR TO SHIFT TRAFFIC TO THE OUTSIDE SHOULDERS AND MAINTAIN TWO LANES FOR NB AND THREE LANES FOR SB TRAFFIC ACCORDING TO THE SUGGESTED MAINTENANCE OF TRAFFIC PLAN. UTILIZE HIGHWAY STANDARDS AND DISTRICT DETAIL TO CLOSE LANES, AS NEEDED, DURING THE ALLOWABLE HOURS

I-80 OVER I-55 CENTER PIER IS IDENTIFIED FOR CONSTRUCTION IN CONTRACT 62R28, COORDINATE WITH CONTRACTOR ACCORDINGLY FOR LIMITS AND TIMING

WORK ZONE SPEED LIMIT = 55 MPH

CONSTRUCTION TO BE COMPLETED IN STAGE

RAMP D/ SB I-55 RAMP A
WORK IN THIS STAGE CONSISTS OF RELOCATING TEMPORARY CONCRETE BARRIER
(STAGE 1). CONSTRUCT THE PROPOSED OUTSIDE PORTIONS OF THE RAMP D AND
OUTSIDE SHOULDERS, PROPOSED PORTIONS OF STORM SEWER AND DRAINAGE ITEMS
WITHIN THE AVAILABLE WORK ZONE AND PROVIDE TEMPORARY CONNECTIONS TO THE
EXISTING FACILITIES TO MAINTAIN DRAINAGE. CONSTRUCT PORTIONS OF TEMPORARY PAVEMENT \FOR USE IN STAGE 2B.

REMOVE THE I-55 MEDIAN AND CONSTRUCT THE RAMP AA OVER I-55 CENTER PIER AND INSIDE I-55 SHOULDERS. REMOVE CONFLICTING PAVEMENT MARKINGS (STAGE 1), PLACE TEMPORARY PAVEMENT MARKINGS AND RELOCATE TEMPORARY CONCRETE BARRIER.

REMOVE OVERHEAD SIGN STRUCTURE FOUNDATIONS AT THE MEDAIN AND OUTSIDE SHOULDER AT TWO LOCATIONS. INSTALL TEMPORARY SIGNS INFORMATION SIGNS AT THE DESIGNATED LOCATIONS. MAINTAIN THE TEMPORARY SIGNS UNTIL THE PORPOSED SIGN STRUCTURE AND SIGNS ARE CONSTRUCTED.

RAMP AA OFFLINE CONSTRUCTION OF RAMP AA TO CONTINUE WEST OF I-55. CONTRACTOR COORDINATION FOR THE I-80 OVER RAMP AA BRIDGE WORK. COMPLETE RAMP AA EAST OF I-55 AND CONNECT TO RAMP B.

STAGE 2B

MAINTENANCE OF TRAFFIC

RAMP D/ SB L-55 RAMP A
MAINTAIN TRAFFIC ON THE RAMP AND SHIFT ALL TRAFFIC ONTO THE PROPOSED
PAVEMENT CONSTRUCTED IN STAGE 2A AND TEMPORARY PAVEMENT CONSTRUCTED IN
STAGE 2A ACCORDING TO THE SUGGESTED MAINTENANCE OF TRAFFIC PLAN.

ADVISORY SPEED = 50 MPH

CONSTRUCTION TO BE COMPLETED IN STAGE

RAMP D/ SB I-55 RAMP A

REMOVE AND REPLACE TEMPORARY PAVEMENT MARKINGS ON RAMP D AND SB I-55 RAMP. REMOVE AND RELOCATE TEMPORARY CONCRETE BARRIER (STAGE 2A). CONSTRUCT THE PROPOSED INSIDE PORTIONS OF THE RAMP D AND SB I-55 RAMP AND INSIDE SHOULDERS, COMPLETE PROPOSED PORTIONS OF STORM SEWER AND DRAINAGE ITEMS WITHIN THE AVAILABLE WORK ZONE.

RAMP AA CONSTRUCT REMAINING PORTIONS OF RAMP AA AND SHOULDERS. CONSTRUCT THE REMAINING RAMP AA FLYOVER BRIDGE. THE BRIDGE MUST BE COMPLETED BY

STAGE 2C

MAINTENANCE OF TRAFFIC

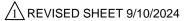
MAINTAIN TRAFFIC ON THE NORTHBOUND AND SOUTHBOUND I-55 AND SHIFT ALL
TRAFFIC ONTO THE OUTSIDE SHOULDERS WITH REDUCED LANE WIDTHS ACCORDING TO
THE SUGGESTED MAINTENANCE OF TRAFFIC PLAN.

ADVISORY SPEED = 55 MPH

CONSTRUCTION TO BE COMPLETED IN STAGE

SCALE: NTS

L-55.
REMOVE AND REPLACE TEMPORARY PAVEMENT MARKINGS ON AND INSTALL TEMPORARY CO NCRETE BARRIER, CONSTRUCT OVERHEAD SIGN STRUCTURE FOUNDATIONS AT THE MEDAIN AND OUTSIDE SHOULDER AT FOUR LOCATIONS. INSTALL SIGN TRUSS SPAN TRUSS AND SIGN PANELS USING A FULL CLOSURE, REMOVE EXISTING SIGN STRUCTURES, SIGNS AND TEMPORARY INFORMATION SIGNS ONCE PROPOSED SIGNS ARE COMPLETE.



TRAFFIC CONTROL GENERAL NOTES

- THE MAINTENANCE OF TRAFFIC PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. THE CONTRACTOR MAY MODIFY THE MAINTENANCE OF TRAFFIC PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND
- THE CONSTRUCTION OF RAMP B OVERLAPS CONTRACT 62R26 AND 62R28 AND INCLUDES MAINTENANCE OF TRAFFIC IN BOTH CONTRACTS. THE CONTRACTOR SHALL COORDINATE ALL RAMP B STAGE CHANGES WITH THE ENGINEER AND CONTRACT 62R28 PRIOR TO IMPLENTING THE WORK.

PI STA.

PR CURVE

STGRAMPR-02

PR CURVE STGRAMPB-04

PI STA = 316 + 75.89

 $\Delta = 08^{\circ}18'58"$ (LT)

 $D = 06^{\circ}44'55''$

R = 849.00'

T = 61.72

L = 123.23

E = 2.24

e = 5.2%

TR = 41'

SE RUN = 108'

PC STA = 316+14.17

PR CLIRVE

PR CURVE STGRAMPB-03

PI STA = 311 + 08.95

 $\Delta = 43^{\circ}43'28'' (RT)$

D = 07°06'31"

R = 806.00

T = 323.39

L = 615.09

E = 62.46

e = 5.3%

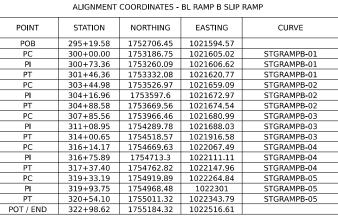
TR = 41'

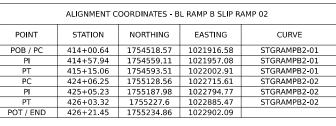
SE RUN = 110'

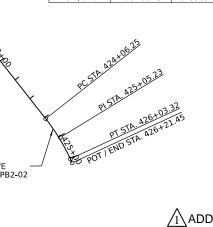
PC STA = 307+85.56

BILL OF MATERIALS

ITEM	DESCRIPTION	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	1705
20400800	FURNISHED EXCAVATION	CU YD	2025
20800150	TRENCH BACKFILL	CU YD	64
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	7055
44000100	PAVEMENT REMOVAL	SQ YD	6635
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	135
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	371
55100900	STORM SEWER REMOVAL 18"	FOOT	135
55101200	STORM SEWER REMOVAL 24"	FOOT	371
70301120	TEMPORARY PAVEMENT MARKING - LINE 4" - EPOXY	FOOT	14100
70301140	TEMPORARY PAVEMENT MARKING - LINE 8" - EPOXY	FOOT	1759
70301160	TEMPORARY PAVEMENT MARKING - LINE 12"- EPOXY	FOOT	57
70400100	TEMPORARY CONCRETE BARRIER	FOOT	7962.5
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2850.0
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2
70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3	EACH	1
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	5929
Z0062456	TEMPORARY PAVEMENT	SQ YD	6635







PR CURVE STGRAMPB2-02

ADDED ENTIRE SHEET 9/10/2024

SCALE IN FEET



PR B RAMP B SLIP RAMP

PR CURVE STGRAMPB-01

PI STA = 300+73.36

 $\Delta = 09^{\circ}52'37" (RT)$

PC STA = 300+00.00 PT STA = 301+46.36 PR CURVE STGRAMPB-02

PI STA = 304 + 16.96

 $\Delta = 09^{\circ}52'37" (LT)$

D = 06°52'42"

R = 833.00

L = 143.60

T = 71 98'

E = 3.10

e = 5.2%

SE RUN = 108

PC STA = 303 + 44.98

PT STA = 304+88.58

TR = 41'

 $D = 06^{\circ}44'55"$

R = 849.00'

T = 73.36

E = 3.16'

e = 5.2%TR = 41' SE RUN = 108'

L = 146.36

		STA = 314		PT STA = 3	17+37.40		PT STA = 320+5						
_	\sim	$\overline{\mathcal{M}}$			$\overline{\mathcal{M}}$			$\overline{\mathcal{M}}$	<u> </u>	$\frac{}{}$		<u> </u>	ᄼ
		USER NAME	■ dbook		DESIGNED	-		REVISED	•	<u> </u>	9/6/2024		ı
_					DRAWN	-		REVISED	-				ı
		PLOT SCALE	= 400.000 ' / in.		CHECKED	-		REVISED	-				i
		PLOT DATE	= 9/6/2024		DATE	-		REVISED	-				ĺ

PR CLIRVE

PR CURVE STGRAMPB-05

PI STA = 319+93.75

 $\Delta = 08^{\circ}18'58" (RT)$

D = 06°52'42"

R = 833.00'

T = 60.56

L = 120.91

E = 2.20'

e = 5.2%

SF RUN = 108

PC STA = 319+33.19

TR = 41'

STGRAMPB-03

PR CURVE STGRAMPB-04

PR CURVE

STGRAMPB-05

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SUGGESTED CONSTRUCTION STAGING-RAMP B SLIP RAMP **GENERAL NOTES, BILL OF MATERIALS AND ALIGNMENT** SHEETS STA.

R1548.434451.94

PR CURVE

PR B RAMP B SLIP RAMP 02

PR CURVE STGRAMPB2-01

PI STA = 414 + 57.94

 $\Delta = 08^{\circ}08'00" (RT)$

D = 07°06'31"

R = 806.00

T = 57.30

E = 2.03

e = 5.2%

SF RUN = 108'

PC STA = 414+00.64

PT STA = 415 + 15.05

TR = 41'

L = 114.41

STGRAMPB2-01

PR CURVE STGRAMPB2-02

PI STA = 425 + 05.23

 $\Delta = 13^{\circ}17'58" (RT)$

D = 06°44'55"

R = 849.00'

 $T = 98.98^{\circ}$

L = 197.07

E = 5.75

e = 5.2%

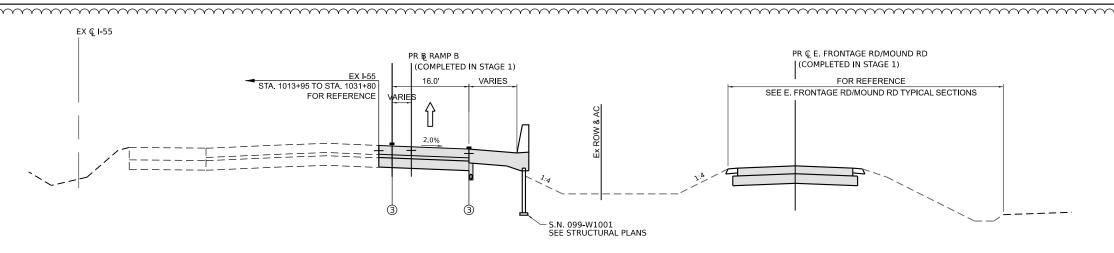
SE RUN = 108'

PC STA = 424+06.25

PT STA = 426 + 03.32

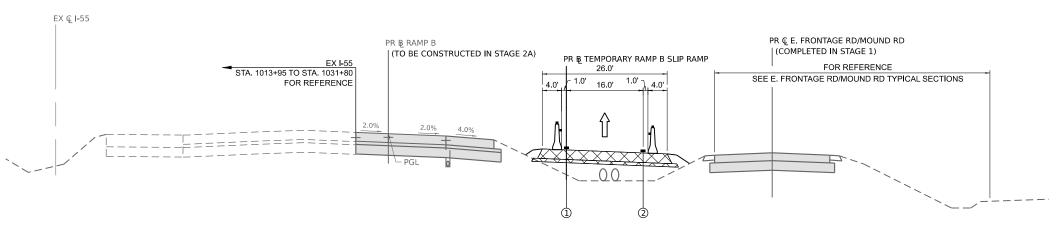
TR = 41'

SECTION COUNTY I-80 FAI 80 21 STRUCTURE 5 WILL 525 181A CONTRACT NO. 62R26



PROPOSED NB I-55 AUXILIARY LANE (RAMP B)

LOOKING NORTH PR B RAMP B STA. 995+54.5 TO STA. 1001+00.0



LEGEND

TEMPORARY PAVEMENT



COMPLETED PERMANENT PAVEMENT



DIRECTION OF TRAFFIC FLOW



TEMPORARY CONCRETE BARRIER

- TEMPORARY PAVEMENT MARKING LINE 4" EPOXY
- TEMPORARY PAVEMENT MARKING LINE 8" EPOXY (SOLID WHITE)

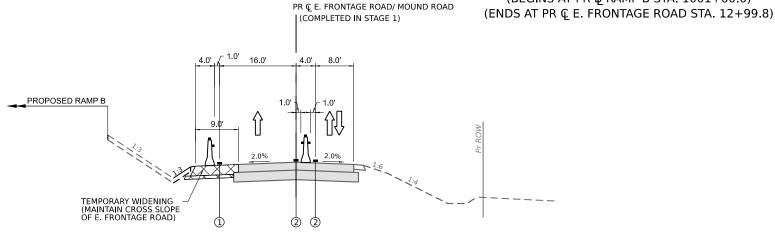
TYPE C BARRIER WALL REFLECTORS SHALL BE PLACED EVERY 25' ALONG TEMPORARY CONCRETE BARRIER. IN ACCORDANCE WITH THE SPECIAL PROVISION FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) THE TYPE C REFLECTORS APPLIED TO TEMPORARY THE TYPE C REFLECTORS APPLIED TO TEMPORARY BARRIER SHOULD NOT BE PAID FOR SEPARATELY. THE COST OF THE REFLECTORS ARE INCLUDED IN THE UNIT PRICE OF TEMPORARY CONCRETE BARRIER AND TEMPORARY CONCRETE BARRIER (RELOCATE) PAY ITEMS.

REFLECTORS SHALL BE MOUNTED ON TOP OF BARRIER AND THE FACE ADJACENT TO TRAFFIC, ACCORDING TO STANDARD 704001-08. WHERE TEMPORARY CONCRETE BARRIER IS SEPARATING OPPOSING TRAFFIC, REFLECTORS SHALL BE USED ON BOTH SIDES.

PROPOSED RAMP B SLIP RAMP

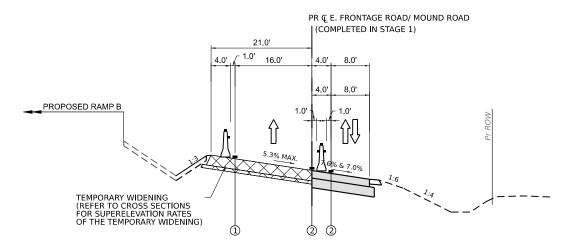
LOOKING NORTH

PR ₽ RAMP B SLIP RAMP: STA. 300+38.5 TO STA. 302+96.7 (BEGINS AT PR & RAMP B STA. 1001+00.0)



PROPOSED E. FRONTAGE ROAD/ RAMP B SLIP RAMP

LOOKING NORTH PR © E. FRONTAGE ROAD/ MOUND ROAD STA. 12+99.8 TO STA. 17+97.9 STA. 25+00.2 TO 29+91.5



PROPOSED E. FRONTAGE ROAD/ RAMP B SLIP RAMP

LOOKING NORTH PR © E. FRONTAGE ROAD/ MOUND ROAD STA. 17+97.9 TO STA. 25+00.2 (FULL SUPERELEVATION)

SUGGESTED CONSTRUCTION STAGING

TYPICAL SECTIONS — TEMPORARY RAMP B SLIP RAMP

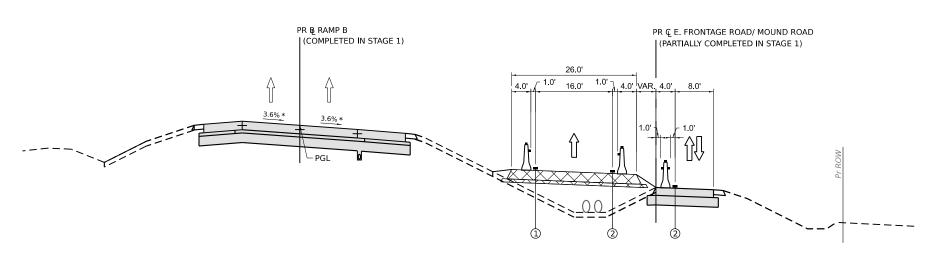
ADDED ENTIRE SHEET 9/10/2024

F.A.I. RTE.	SECT	TION		COUNTY	TOTAL SHEETS	SHEET NO.					
I- 80	FAI 80 21 ST	RUCTU	RE 5	WILL	525	181B					
CONTRACT NO. 62R26											
		ILLINOIS	D PROJECT								

Stantec

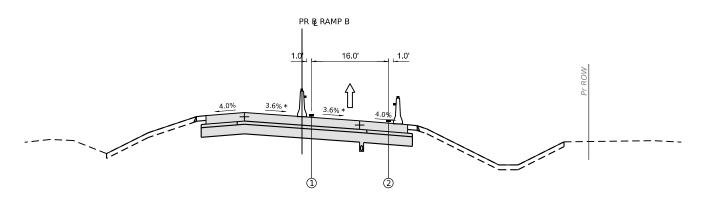
USER NAME - ODOOK	DESIGNED -	REVISED - <u>Z1\</u> 9/6/2024
	DRAWN -	REVISED -
PLOT SCALE = 100.000 / in.	CHECKED -	REVISED -
PLOT DATE = 9/6/2024	DATE -	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**



PROPOSED E. FRONTAGE ROAD/ RAMP B SLIP RAMP

LOOKING NORTH PR & RAMP B SLIP RAMP: STA. 320+00.0 TO STA. 325+05.2 (BEGINS AT PR © E. FRONTAGE ROAD STA. 29+91.5) (ENDS AT PR & RAMP B STA. 1026+26.4)



PROPOSED RAMP B

LOOKING NORTH PR & RAMP B STA. 1026+26.4 TO STA. 1033+00.0

/I\ADDED ENTIRE SHEET 9/10/2024



USER NAME = dbook	DESIGNED -	REVISED - <u>/1</u> 9/6/2024
	DRAWN -	REVISED -
PLOT SCALE = 100.000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/6/2024	DATE -	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

TYPICAL S	SUGGESTE Sections		• • • • • • • • • • • • • • • • • • • •		 	RAMP
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	

F.A.I. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.			
I-80	FAI 80 21 STRUCTURE 5			WILL	525	1810		
				CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT								

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LEGEND

COMPLETED PERMANENT PAVEMENT

DIRECTION OF TRAFFIC FLOW

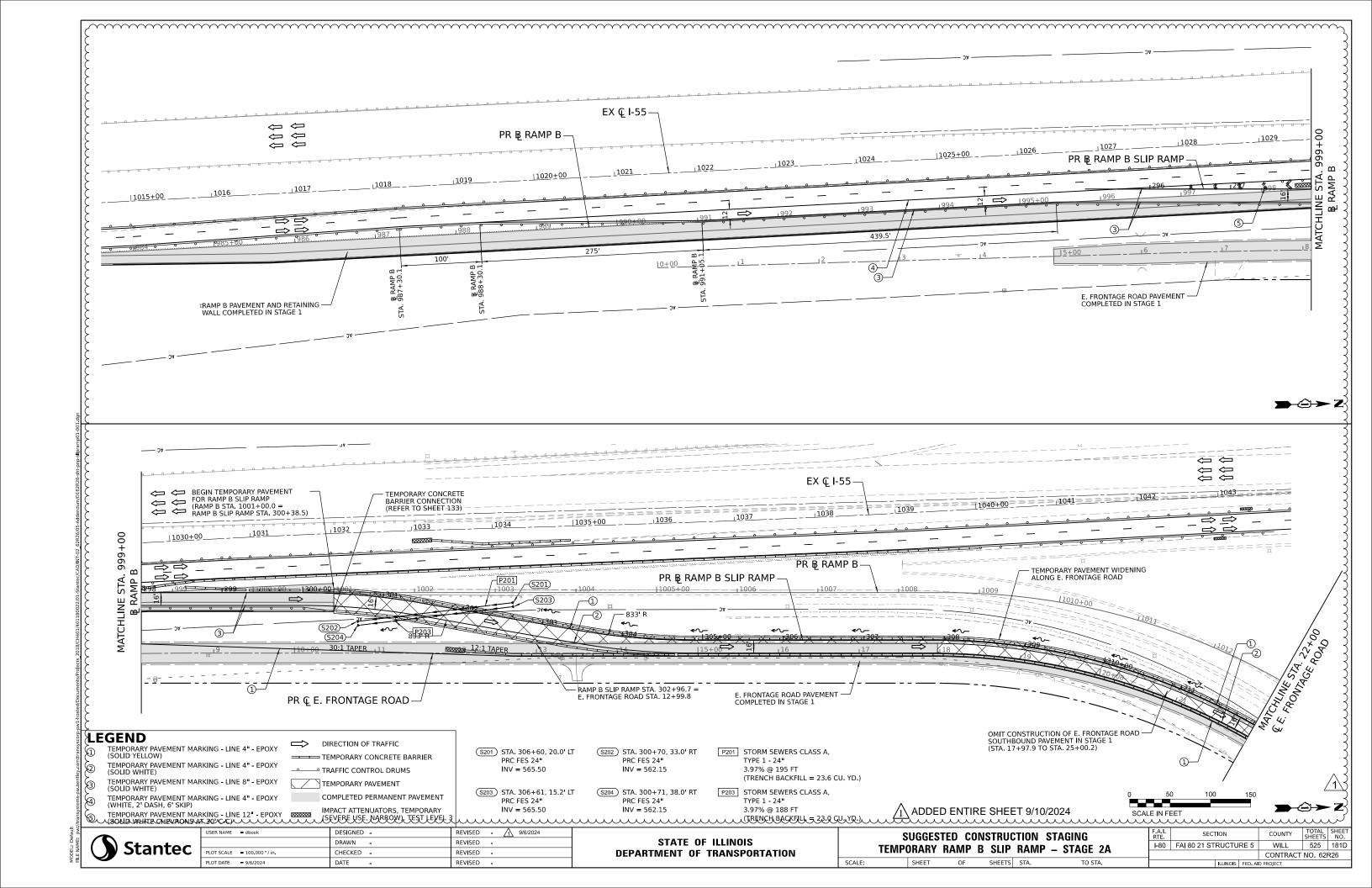
TEMPORARY CONCRETE BARRIER

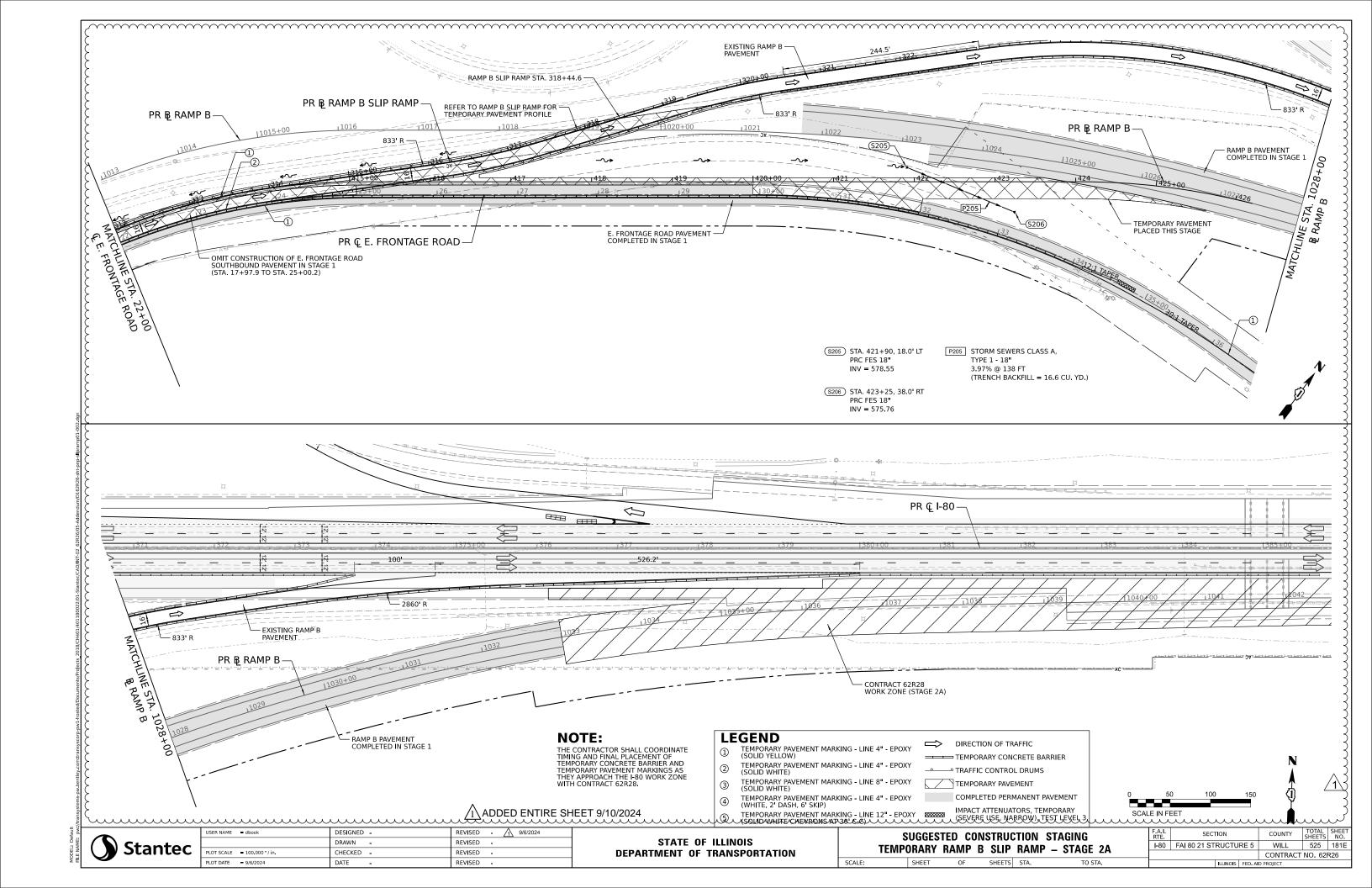
① TEMPORARY PAVEMENT MARKING - LINE 4" - EPOXY (SOLID YELLOW) TEMPORARY PAVEMENT MARKING - LINE 4" - EPOXY (SOLID WHITE) ③ TEMPORARY PAVEMENT MARKING - LINE 8" - EPOXY (SOLID WHITE)

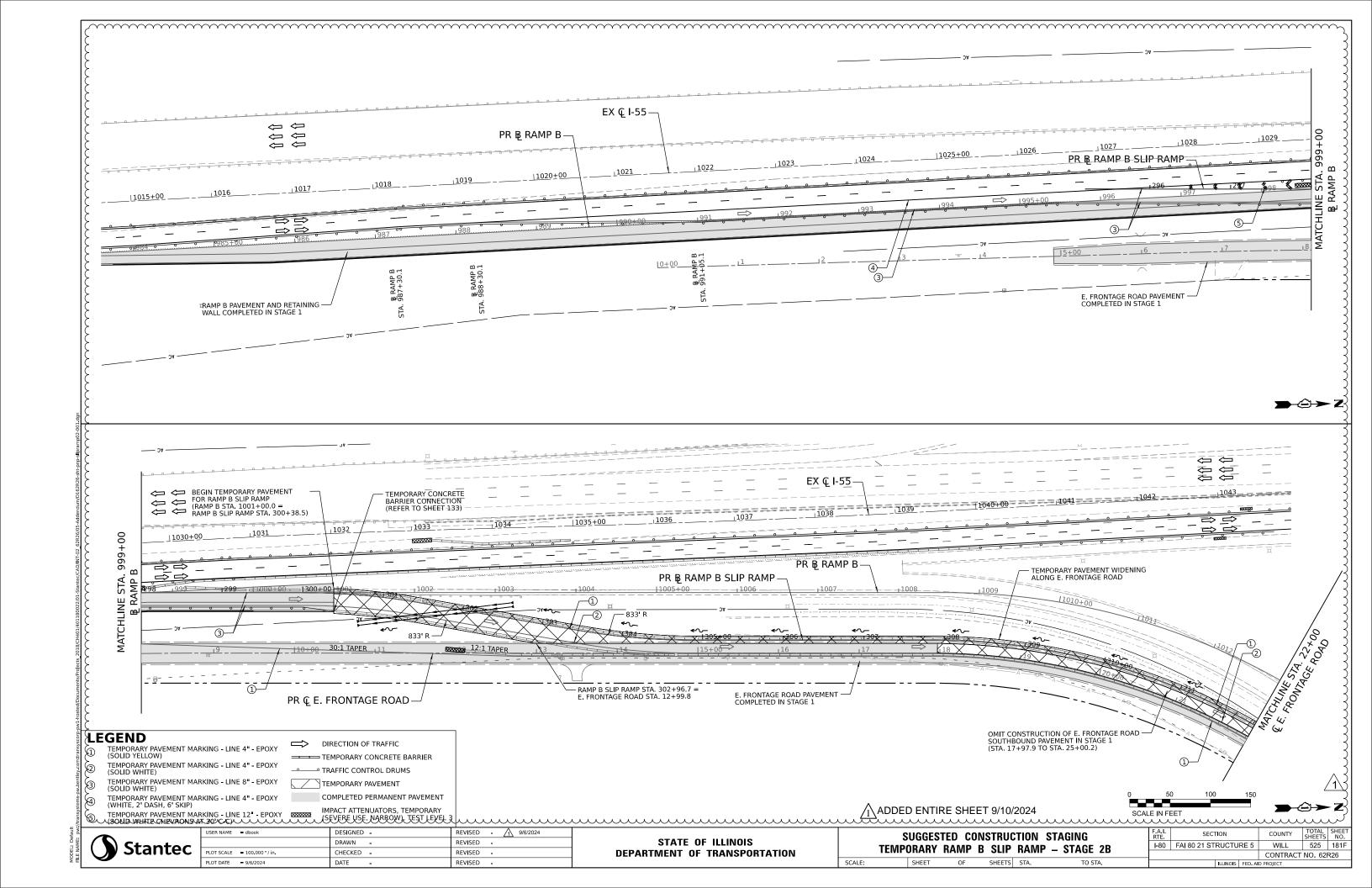
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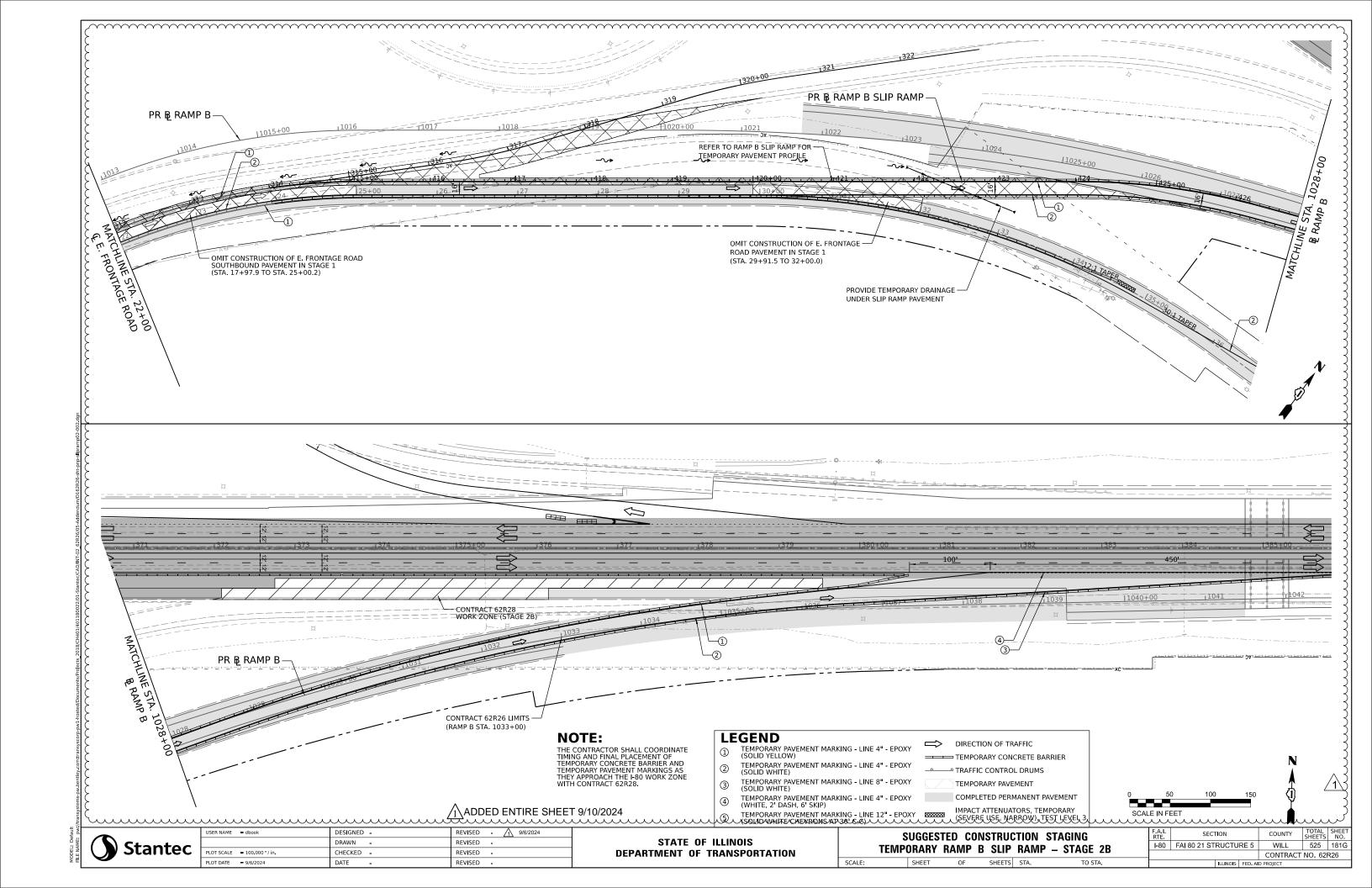
REFLECTORS SHALL BE MOUNTED ON TOP OF BARRIER AND THE FACE ADJACENT TO TRAFFIC, ACCORDING TO STANDARD 704001-08. WHERE TEMPORARY CONCRETE BARRIER IS SEPARATING OPPOSING TRAFFIC, REFLECTORS SHALL BE USED ON BOTH SIDES.

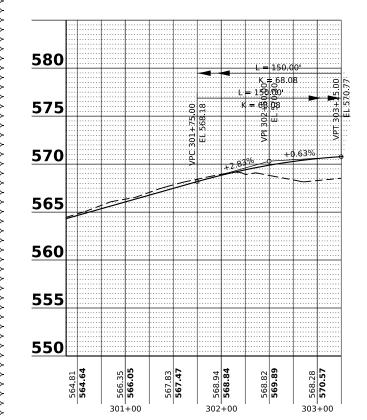
TEMPORARY PAVEMENT





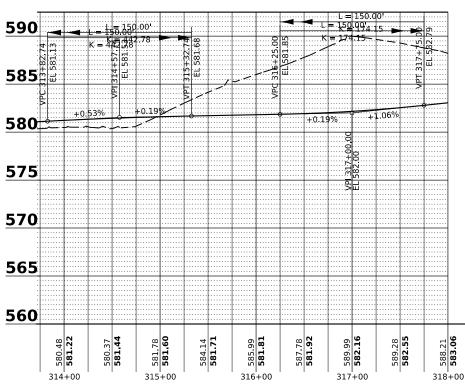






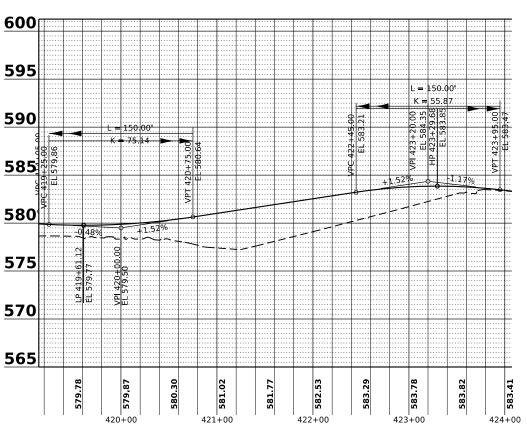
# PROPOSED RAMP B SLIP RAMP PROFILE

PR & RAMP B SLIP RAMP: STA. 300+38.5 TO STA. 302+96.7



# PROPOSED RAMP B SLIP RAMP PROFILE

PR & RAMP B SLIP RAMP: STA. 313+82.7 TO STA. 318+00.0



# PROPOSED RAMP B SLIP RAMP PROFILE

PR & RAMP B SLIP RAMP: STA. 419+25.0 TO STA. 423+95.0

ADDED ENTIRE SHEET 9/10/2024



| USER NAME = dbook          | DESIGNED - | REVISED - /1 9/6/2024 |  |
|----------------------------|------------|-----------------------|--|
|                            | DRAWN -    | REVISED -             |  |
| PLOT SCALE = 100.000 / in. | CHECKED -  | REVISED -             |  |
| PLOT DATE = 9/6/2024       | DATE -     | REVISED -             |  |
|                            |            |                       |  |

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