

MODEL 2D SHEET 11
FILE NAME: C:\PW\WORK\EXP-PW.BENTLEY.COM\EXP-PW-01\DD14412\DD36863-SHT-SUMMARY-OF-QUANTITIES-03.DGN

SPLTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 20% STATE	BFP 90% FED/ 10% STATE	NHPP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 10% STATE 10% CITY	100% CITY
					ROADWAY			STRUCTURAL				SIGNALS		CITY
					I-57	IL 17 AT I-57 RAMPS (NOTE 1)	IL 17 AND SIDESTREETS (NOTE 2)	BRIDGE IL17 @ I-57 046-0154	BRIDGE KB&S @ I-57 046-9904	RETAINING WALLS (NOTE 3)	NOISE WALLS (NOTE 4)	TRAFFIC SIGNALS I-57 RAMPS	TRAFFIC SIGNALS (NOTE 5)	CITY (NOTE 6)
					0004	0004	0004	0010	0044	0044	0020	0021	0021	0021
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	137,417	115,308	22,109								
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,592			1,592							
	31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	14,525	7,775	2,845	3,905							
	31101810	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	41,555		7,637	33,918							
	31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	136,433	114,324	22,109								
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,583		572	1,011							
	35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	6,357			6,357							
	35600702	HOT-MIX ASPHALT BASE COURSE WIDENING, 6 1/2"	SQ YD	51			51							
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	34,318	1,071	1,146	32,101							
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	40,824	7,346	342	33,136							
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	2,046			2,046							
	40600405	MATERIAL TRANSFER DEVICE	TON	8,096	1,680	64	6,352							
	40603235	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	440			440							
	40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	1,046	1,046									

NOTES

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2 = IL 17 AND SIDESTREETS OUTSIDE OF RAMP TO RAMP AREA
3 = RETAINING WALLS - STRUCTURE NUMBERS 046-W8805, 046-W8806, AND 046-W8807
4 = NOISE ABATEMENT WALLS - STRUCTURE NUMBERS 046-N5738, 046-N5739, 046-N5743, 046-N5744, 046-N5745
5 = TRAFFIC SIGNALS AT FAIRMONT AVENUE AND EASTRIDGE DRIVE
6 = CITY OF KANKAKEE LIGHTING, EMERGENCY VEHICLE PREEMPTION, WELCOME TO KANKAKEE SIGNING, AESTHETIC IMPROVEMENTS - PARAPET FORM LINER.



USER NAME = ADANR	DESIGNED - RA	REVISED -
DRAWN - RA	REVISED -	
PLOT SCALE = 0.16666633 ' / IN.	CHECKED - DH	REVISED -
PLOT DATE = 5/7/2026	DATE - 04/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	6
		CONTRACT NO. 66863		
ILLINOIS FED. AID PROJECT				

MODEL: 2D SHEET 11
FILE NAME: C:\PW\WORK\EXP-PW.BENTLEY.COM\EXP-PW-01\DD014412\DD368663-SHT-SUMMARY-OF-QUANTITIES-04.DGN

SPL ITY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 20% STATE	BFP 90% FED/ 10% STATE	NHPP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 10% STATE 10% CITY	100% CITY
					ROADWAY			STRUCTURAL				SIGNALS		CITY
					I-57	IL 17 AT I-57 RAMPS (NOTE 1)	IL 17 AND SIDEStreETS (NOTE 2)	BRIDGE IL17 @ I-57 046-0154	BRIDGE KB&S @ I-57 046-9904	RETAINING WALLS (NOTE 3)	NOISE WALLS (NOTE 4)	TRAFFIC SIGNALS I-57 RAMPS	TRAFFIC SIGNALS (NOTE 5)	CITY (NOTE 6)
					0004	0004	0004	0010	0044	0044	0020	0021	0021	0021
	40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	299			299							
	40604174	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90	TON	698	634	64								
	40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	SQ YD	1,564			1,564							
	40701826	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/4"	SQ YD	6,284			6,284							
	40701851	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 1/2"	SQ YD	4,545			4,545							
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	261		57	204							
	42000060	WELDED WIRE REINFORCEMENT	SQ YD	617	617									
	42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	617	617									
	42000201	PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)	SQ YD	1,553			1,553							
	42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SQ YD	27,333		6,922	20,411							
	42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	14,740		14,740								
	42000526	PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)	SQ YD	77,846	77,846									
	42001300	PROTECTIVE COAT	SQ YD	191,809	127,212	30,036	34,561							
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1,329			1,329							

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	7
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

MODEL: 2D SHEET 1
FILE NAME: C:\PW\WORK\EXP-PW.BENTLEY.COM\EXP-PW-01\DD14412\DD36863-SHT-SUMMARY-QTY-QUANTITIES-07.DGN

SPL 'TY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 20% STATE	BFP 90% FED/ 10% STATE	NHPP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 10% STATE 10% CITY	100% CITY
					ROADWAY			STRUCTURAL				SIGNALS		CITY
					I-57	IL 17 AT I-57 RAMPS (NOTE 1)	IL 17 AND SIDE STREETS (NOTE 2)	BRIDGE IL17 @ I-57 046-0154	BRIDGE KB&S @ I-57 046-9904	RETAINING WALLS (NOTE 3)	NOISE WALLS (NOTE 4)	TRAFFIC SIGNALS I-57 RAMPS	TRAFFIC SIGNALS (NOTE 5)	CITY (NOTE 6)
					0004	0004	0004	0010	0044	0044	0020	0021	0021	0021
	50104400	CONCRETE HEADWALL REMOVAL	EACH	8	8									
	50105220	PIPE CULVERT REMOVAL	F00T	859	859									
	50157300	PROTECTIVE SHIELD	SQ YD	1,043				727	316					
	50200100	STRUCTURE EXCAVATION	CU YD	9,157				4,431	3,561	1,165				
	50300100	FLOOR DRAINS	EACH	53				53						
	50300225	CONCRETE STRUCTURES	CU YD	3,135.3				1,257.8	1,448.4	429.1				
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	3,235.6				1,998.5		1,222.1			15.0	
	50300300	PROTECTIVE COAT	SQ YD	10,614				7,714		2,900				
	50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1.0				0.6	0.4					
	50500505	STUD SHEAR CONNECTORS	EACH	28,036				17,028	6,986	4,022				
	50800105	REINFORCEMENT BARS	POUND	17,930						17,930				
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,900,880				730,910	720,760	449,210				
	50800515	BAR SPLICERS	EACH	4,690				4,690						
	50800530	MECHANICAL SPLICERS	EACH	624						624				

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	USER NAME = ADANR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	10
	PLOT SCALE = 0.16666633 ' / IN.	CHECKED -	REVISED -						CONTRACT NO. 66863				
	PLOT DATE = 5/7/2026	DATE -	REVISED -		SCALE:	SHEET .	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL 2D SHEET 1
FILE NAME: C:\PW\WORK\EXP-PW.BENTLEY.COM\EXP-PW-01\DD14412\DD36863-SHT-SUMMARY-OF-QUANTITIES-20.DGN

SPL 'TY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 20% STATE	BFP 90% FED/ 10% STATE	NHPP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 10% STATE 10% CITY	100% CITY
					ROADWAY			STRUCTURAL				SIGNALS		CITY
					I-57	IL 17 AT I-57 RAMP (NOTE 1)	IL 17 AND SIDE STREETS (NOTE 2)	BRIDGE IL17 @ I-57 046-0154	BRIDGE KB&S @ I-57 046-9904	RETAINING WALLS (NOTE 3)	NOISE WALLS (NOTE 4)	TRAFFIC SIGNALS I-57 RAMP	TRAFFIC SIGNALS (NOTE 5)	CITY (NOTE 6)
					0004	0004	0004	0010	0044	0044	0020	0021	0021	0021
	66406200	CHAIN LINK GATES, 4' X 20' DOUBLE	EACH	2			2							
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	9,083	7,891	736	309		147	3				
*	66900400	SPECIAL WASTE GROUNDWATER DISPOSAL	GAL	450,000	300,000		150,000							
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	10	2	1	6		1					
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.18	0.09	0.64		0.09					
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.18	0.09	0.64		0.09					
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	225	39.5	20	145.5		20					
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	48	48									
	67100100	MOBILIZATION	L SUM	1	1									
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	184	14		170							
	70106700	TEMPORARY RUMBLE STRIPS	EACH	8	8									
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	8,496	4,664		3,832							
	70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1									
	70300100	SHORT TERM PAVEMENT MARKING	F00T	3,558		845	2,713							
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,187		282	905							

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*= SPECIALTY ITEM

	USER NAME = ADANR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVIS	ED -						57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	23
	PLOT SCALE = 0.16666633 ' / IN.	CHECKED -	REVISED -		SCALE:				SHEET . OF 34 SHEETS STA. TO STA.				
	PLOT DATE = 5/7/2026	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

MODEL: 2D SHEET 1
FILE NAME: C:\PW\WORK\EXP-PW\BENTLEY.COM\EXP-PW-01\DD14412\DD36863-SHT-SUMMARY-OF-QUANTITIES-28.DGN

SPLTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 20% STATE	BFP 90% FED/ 10% STATE	NHPP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 10% STATE 10% CITY	100% CITY
					ROADWAY			STRUCTURAL				SIGNALS		CITY
					I-57	IL 17 AT I-57 RAMPS (NOTE 1)	IL 17 AND SIDEStreETS (NOTE 2)	BRIDGE IL17 @ I-57 046-0154	BRIDGE KB&S @ I-57 046-9904	RETAINING WALLS (NOTE 3)	NOISE WALLS (NOTE 4)	TRAFFIC SIGNALS I-57 RAMPS	TRAFFIC SIGNALS (NOTE 5)	CITY (NOTE 6)
					0004	0004	0004	0010	0044	0044	0020	0021	0021	0021
*	86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	3								1	2	
*	86400100	TRANSCEIVER - FIBER OPTIC	EACH	4								4		
*	87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	F00T	4,506								4,506		
*	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	F00T	4,506								4,506		
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	F00T	7,212								4,459	2,753	
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	F00T	10,554								6,069	4,485	
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	F00T	14,049								10,605	3,444	
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	F00T	6,542								2,253	4,289	
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	F00T	9,196								9,196		
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	F00T	408								125	283	
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	F00T	10,869								8,230	2,639	
*	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	9								6	3	
*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	18								12	6	
*	87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	3								2	1	

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	DRAWN -	REVIS	ED -						57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	31
	PLOT SCALE = 0.16666633" / IN.	CHECKED -	REVISED -						CONTRACT NO. 66863				
	PLOT DATE = 5/7/2026	DATE -	REVISED -		SCALE:	SHEET .	OF 34	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: 2D SHEET 1
FILE NAME: C:\PW\WORK\EXP-PW\BENTLEY.COM\EXP-PW-01\DD14412\AD36863-SHT-SUMMARY-OF-QUANTITIES-37.DGN

SPL I T Y I T E M	C O D E N O .	I T E M	U N I T	T O T A L Q U A N T I T Y	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 20% STATE	BFP 90% FED/ 10% STATE	NHPP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 10% STATE 10% CITY	100% CITY
					ROADWAY			STRUCTURAL				SIGNALS		CITY
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					0004	0004	0004	0010	0044	0044	0020	0021	0021	0021
*	X8710103	ETHERNET SWITCH	EACH	4								2	2	
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	33								16	17	
*	X8809005	LED SIGNAL FACE, LENS COVER	EACH	281								117	164	
*	X8820014	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	79								39	40	
*	X8860100	LOOP DETECTOR TESTING	EACH	14								14		
*	X8891003	VIDEO VEHICLE DETECTION SYSTEM WITH REMOTE ACCESS	EACH	2									2	
*	X8891102	REMOTE CONTROLLED TRAFFIC SIGNAL AND VIDEO SYSTEM	EACH	1								1		
*	X8891104	REMOTE CONTROLLED VIDEO SYSTEM	EACH	1	1									
	X8891202	WIDE AREA VIDEO VEHICLE DETECTION SYSTEM COMPLETE	EACH	2									2	
*	X8900100	TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	4								4		
	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	5								3	2	
*	X8900108	PERMANENT TRAFFIC SIGNAL TIMING	EACH	5								3	2	
*	X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	1								1		
	X5504013	STORM SEWERS, DUCTILE IRON, TYPE 1 12"	F00T	85	85									
	X0325731	SLOTTED DRAIN	F00T	846	846									

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57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	40
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

3 REV. 9/4/26 1 REV. 8/13/26 REV. 7/7/26 REV. 6/17/26

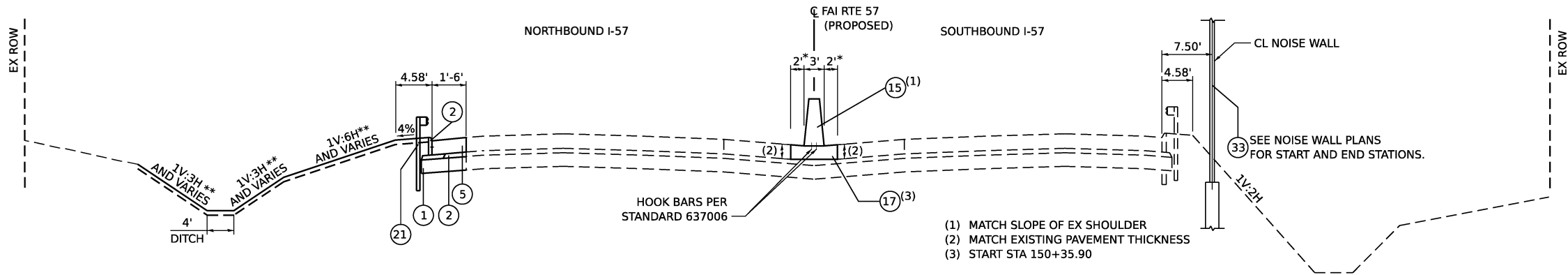
MODEL: 2D SHEET 1
FILE NAME: C:\PW\WORK\EXP-PW\BENTLEY.COM\EXP-PW-01\DD14412\AD36863-SHT-SUMMARY-OF-QUANTITIES-39.DGN

SPLTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 20% STATE	BFP 90% FED/ 10% STATE	NHPP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHFP 90% FED/ 10% STATE	NHPP 80% FED/ 10% STATE 10% CITY	100% CITY
					ROADWAY			STRUCTURAL				SIGNALS		CITY
					I-57	IL 17 AT I-57 RAMPS (NOTE 1)	IL 17 AND SIDEStreETS (NOTE 2)	BRIDGE IL17 @ I-57 046-0154	BRIDGE KB&S @ I-57 046-9904	RETAINING WALLS (NOTE 3)	NOISE WALLS (NOTE 4)	TRAFFIC SIGNALS I-57 RAMPS	TRAFFIC SIGNALS (NOTE 5)	CITY (NOTE 6)
					0004	0004	0004	0010	0044	0044	0020	0021	0021	0021
	X6640104	FENCE REMOVAL	F00T	10,382	9,995	368	19							
	Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	6,531				6,531						
*	Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	5								3	2	
	Z0033068	TRAFFIC SIGNAL BATTERY BACK UP SYSTEM	EACH	3								1	2	
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1					1					
	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	F00T	149			149							
	Z0056614	STORM SEWER (WATER MAIN REQUIREMENTS) 21 INCH	F00T	82		11	71							
	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	F00T	211		27	184							
	Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	F00T	288			288							
	Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	F00T	79			79							
	Z0056624	STORM SEWER (WATER MAIN REQUIREMENTS) 42 INCH	F00T	32			32							
	Z0056626	STORM SEWER (WATER MAIN REQUIREMENTS) 48 INCH	F00T	192		59	133							
	Z0062456	TEMPORARY PAVEMENT	SQ YD	5,768	1,043	2,845	1,880							
	Z0069700	SUB-BALLAST	CU YD	1,005					1,005					
	Z0073500	TEMPORARY SUPPORT SYSTEM	L SUM	1				1						
	Z0076100	TRACK REMOVAL	F00T	1,520					1,520					

NOTES

- 1 = IL 17 BETWEEN I-57 RAMPS, STA 130+00 TO STA 137+00
2 = IL 17 AND SIDESTREETS OUTSIDE OF RAMP TO RAMP AREA
3 = RETAINING WALLS - STRUCTURE NUMBERS 046-W8805, 046-W8806, AND 046-W8807
4 = NOISE ABATEMENT WALLS - STRUCTURE NUMBERS 046-N5738, 046-N5739, 046-N5743, 046-N5744, 046-N5745
5 = TRAFFIC SIGNALS AT FAIRMONT AVENUE AND EASTRIDGE DRIVE
6 = CITY OF KANKAKEE LIGHTING, EMERGENCY VEHICLE PREEMPTION, WELCOME TO KANKAKEE SIGNING, AESTHETIC IMPROVEMENTS - PARAPET FORM LINER.

	USER NAME = ADANR	DESIGNED - RA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - RA	REVIS	ED -						57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	42
	PLOT SCALE = 0.16666633" / 1 IN.	CHECKED - DH	REVISED -						CONTRACT NO. 66863				
	PLOT DATE = 5/7/2026	DATE - 04/22/2026	REVISED -		SCALE:	SHEET .	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

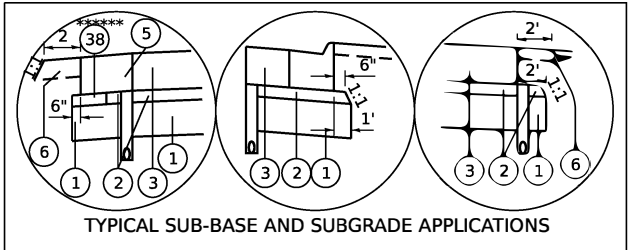


PROPOSED I-57 MAINLINE TYPICAL SECTION

STA 149+95.00 RT TO STA 154+93.21 RT
STA 151+89.40 LT TO STA 155+08.28 LT

NOTES

- * SEE ROAD PLAN FOR START AND END STATION AND WIDTHS.
- ** SEE CROSS SECTIONS FOR PROPOSED SLOPES.
- *** SEE NOISE WALL PLANS FOR START AND END STATIONS.
- **** SEE PAVEMENT MARKING PLANS FOR WIDTHS AND STATIONING AT RAMP.
- ***** SHOULDERS CONSTRUCTED AS PAVEMENT FOR POTENTIAL USE AS FUTURE LANE
- ***** SUBBASE GRANULAR MATERIAL, TYPE C SHALL BE CONSTRUCTED PER THE STANDARD SPECIFICATIONS AND THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PCC SHOULDERS HIGHWAY STD 483001



STRUCTURAL PAVEMENT DESIGN - I-57

STRUCTURAL DESIGN TRAFFIC: 31,172 YEAR 2037

PV = 67.6% SU = 3.9% MU = 28.5%

ROAD / STREET CLASSIFICATION: CLASS: INTERSTATE

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 32% SU = 45% MU = 45%

TRAFFIC FACTOR:ACTUAL TF = 57.28 MIN TF = 10.05

PG GRADE: TOP BINDER = SBS 70-22 LOWER BINDER = PG 64-22

SURFACE = SBS 70-22

SUBGRADE SUPPORT RATING:

SSR = POOR (STA. _____ TO _____)

SSR = _____ (STA. _____ TO _____)

HMA MIXTURE REQUIREMENT TABLE

LOCATIONS:	ENTIRE PROJECT	IL 17	IL 17	I-57	I-57	IL 17, RAMPS, SIDE RDS	IL 17, RAMPS, SIDE RDS	I-57	I-57	ENTIRE PROJECT	FRONTAGE ROADS / DRIVEWAYS	FRONTAGE ROADS / DRIVEWAYS	EASTRIDGE DRIVE	EASTRIDGE DRIVE	EASTRIDGE DRIVE	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA STABILIZED	HMA	HMA	HMA	HMA	TEMPORARY	TEMPORARY	TEMP PAVEMENT	TEMP PAVEMENT	HMA SHARED	FULL DEPTH 6", 7.25"	FULL DEPTH 6", 7.25"	HMA FULL DEPTH (8.5")	HMA FULL DEPTH (8.5")	HMA FULL DEPTH (8.5")	HMA BASE COURSE	HMA SHOULDER 3 3/4"	HMA SHOULDER 3 3/4"
	SUBBASE 4"	BINDER	SURFACE	BINDER	SURFACE	PAVEMENT 9.25"	PAVEMENT 9.25"	INTERSTATE 12.25"	INTERSTATE 12.25"	USE PATH	BOTTOM LIFT(S)	TOP LIFT	BOTTOM LIFT - 4"	SECOND LIFT - 2.5"	TOP LIFT - 2.0"	WIDENING 6.5"	BOTTOM LIFT	TOP LIFT
BINDER GRADE (PG):	PG 64-22	SBS PG 70-28	SBS PG 70-28	SBS PG 70-28	SBS PG 70-28	PG 64-22	SBS 70-28	PG 64-22	SBS 70-28	PG 64-22	PG 64-22	PG 64-22	PG 64-22	SBS PG 70-28	SBS PG 70-28	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N70	4.0% @ N70	4.0% @ N90	4.0% @ N90	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N70	4.0% @ N70	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 19.0	IL 9.5	IL 19.0	IL 9.5	IL 19.0	IL 9.5	IL 19.0	IL 9.5	IL 9.5	IL 19.0	IL 9.5	IL 19.0	IL 19.0	IL 9.5	IL 19.0	IL 19.0	IL 9.5
FRICTION AGGREGATE:			MIXTURE D		MIXTURE E		MIXTURE D		MIXTURE D	MIXTURE C		MIXTURE C			MIXTURE D			MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA
SUBLOT SIZE:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DENSITY TEST METHOD:	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR
MATERIAL TRANSFER DEVICE (REQUIRED)	NO	YES	YES	YES	YES	NO	NO	NO	NO	NO	YES - FRONTAGE	YES - FRONTAGE	YES	YES	YES	NO	NO	NO

WHEN THE QUALITY MANAGEMENT PROGRAM FOR AN HMA MIXTURE IS QCQA, AT A MINIMUM, ONE RANDOM QA MIXTURE VERIFICATION SAMPLE IS TO BE TESTED PER YEAR. EXCEPT, WHEN THE REQUIRED TONNAGE OF A MIXTURE FOR A SINGLE PAY ITEM IS LESS THAN 250 TONS IN TOTAL, THE ENGINEER WILL WAIVE MIXTURE VERIFICATION SAMPLING AND TESTING.

PROPOSED LEGEND FOR HMA ITEMS, SEE HMA MIXTURE REQUIREMENT TABLE, SHEET NO 51

- 1

AGGREGATE SUBGRADE IMPROVEMENT 12"
- 2

STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- 3

PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)
- 4

PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- 5

PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
- 6

AGGREGATE SHOULDERS, TYPE B 6"

7

PIPE UNDERDRAINS, TYPE 3

8

CONCRETE GUTTER, TYPE B

9

CONCRETE CURB, TYPE B

10

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

11

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

- LEGEND NOTE 1: COST INCLUDED IN THE CONTRACT UNIT PRICE FOR CONCRETE MEDIAN SURFACE, 4 INCH
- 12

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
- 13

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- 14

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- 15

CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT
- 16

CONCRETE BARRIER, SINGLE FACE, 44 INCH HEIGHT
- 17

CONCRETE BARRIER BASE (SPECIAL NO. 4)
- 18

PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH

- 19

RETAINING WALL
- 20

CONCRETE MEDIAN, TYPE SB (SPECIAL)
- 21

STEEL PLATE BEAM GUARDRAIL
- 22

INCIDENTAL HOT-MIX ASPHALT SURFACING
- 23

CONCRETE GUTTER, TYPE A
- 24

CONCRETE MEDIAN SURFACE, 4 INCH
- 25

AGGREGATE FILL (LEGEND NOTE 1)
- 26

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

- 27

AGGREGATE BASE COURSE, TYPE B 6"
- 28

PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- 29

PORTLAND CEMENT CONCRETE SHOULDERS 10"
- 30

SUBBASE GRANULAR MATERIAL, TYPE B 4"
- 31

SUBBASE GRANULAR MATERIAL, TYPE B 12"
- 32

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 1/2"
- 33

NOISE ABATEMENT WALL GROUND MOUNTED

- 34

NOISE ABATEMENT WALL, STRUCTURE MOUNTED
- 35

BITUMINOUS MATERIALS (TACK COAT)
- 36

CONCRETE BARRIER BASE
- 37

CONCRETE BARRIER BASE (SPECIAL NO. 1)
- 38

SUBBASE GRANULAR MATERIAL, TYPE C 4" AND VARIES
- 39

SLOPE WALL 6 INCH
- 40

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/4"

- 41

PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)
- 42

POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- 43

CONCRETE BARRIER WALL (SPECIAL NO. 1)
- 44

SAND BACKFILL
- 45

CONCRETE BARRIER BASE (SPECIAL NO. 2)
- 46

AGREGATE SURFACE COURSE, TYPE B 4"
- 47

HOT-MIX ASPHALT SHOULDERS, 3 3/4"



USER NAME	= ADANR	DESIGNED	- RA	REVISED	- 3, 9/1/2026
		DRAWN	- RA	REVISED	-
PLOT SCALE	= 0.16666633 ' / IN.	CHECKED	- DH	REVISED	-
PLOT DATE	= 8/26/2026	DATE	- 04/22/2026	REVISED	-

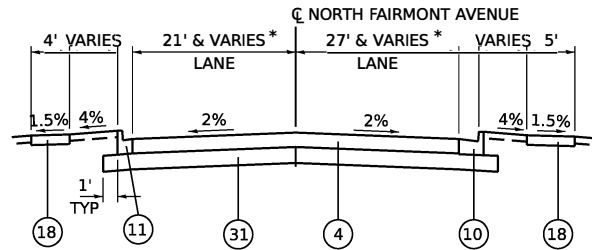
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
I-57

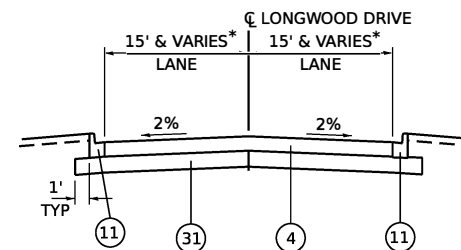
SCALE: 1"= 10' SHEET . OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	51
CONTRACT NO. 66863				

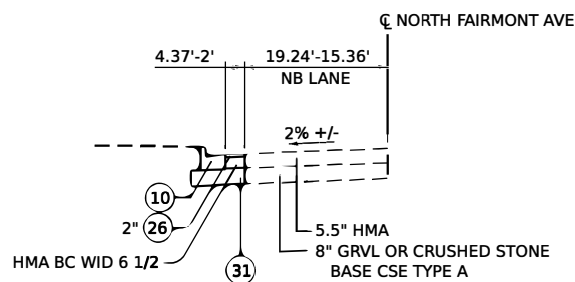
ILLINOIS | FED. AID PROJECT



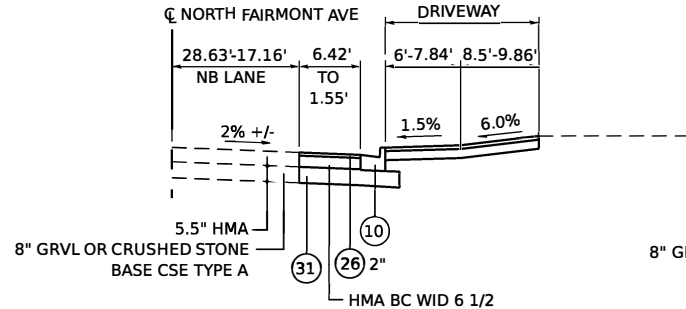
PROPOSED SECTION NORTH FAIRMONT AVENUE
(MATCH PROPOSED IL ROUTE 17 PAVEMENT)
STA 20+34.00 TO 20+57.25



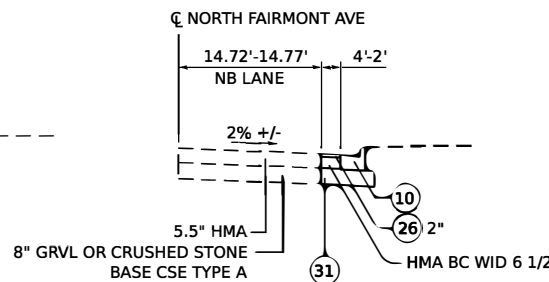
PROPOSED SECTION SOUTH LONGWOOD DRIVE
(MATCH PROPOSED SOUTH FRONTAGE ROAD PAVEMENT)
STA 79+52.45 TO 79+82.45



PROPOSED WIDENING-LEFT
STA 20+57.25 TO 20+80.35

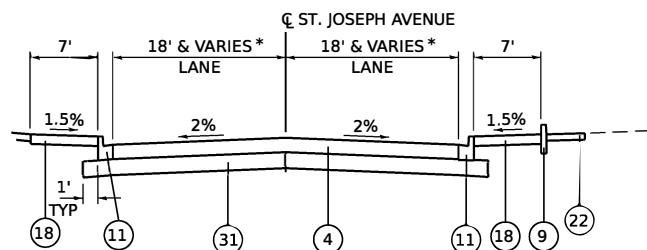


PROPOSED WIDENING- RIGHT
STA 20+57.24 TO 20+57.25

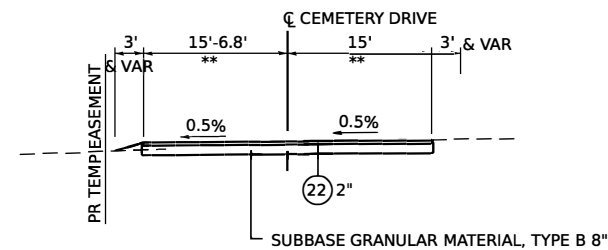


PROPOSED WIDENING-RIGHT
STA 21+25.98 TO 21+60.18

PROPOSED SECTION NORTH FAIRMONT AVENUE

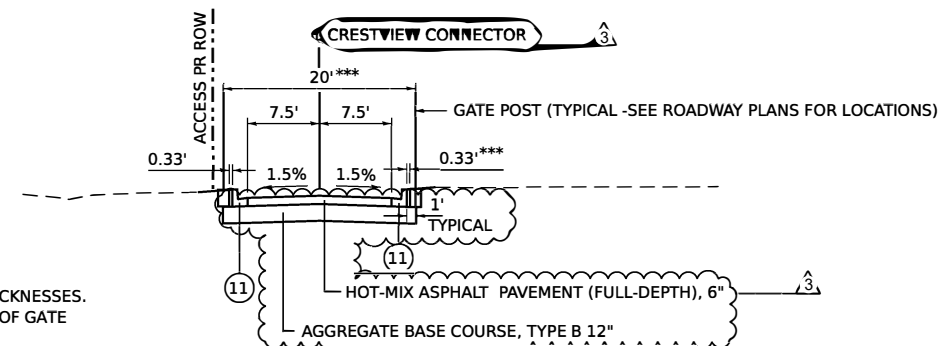


PROPOSED SECTION ST. JOSEPH AVENUE
(MATCH PROPOSED IL ROUTE 17 PAVEMENT)
STA 30+34.00 TO 31+50.00



PROPOSED CEMETERY DRIVEWAY

STA 128+13.21
MATCH PROPOSED EASTBOUND SHARED USE PATH
30' TRANSITION 1% TO 0.5%



PROPOSED CRESTVIEW CONNECTOR

STA 19+81.00 TO 24+05.86

NOTES

- * SAWED JOINT AT 12FT MAX. SEE JOINTING PLANS
- ** SEE DRIVEWAY DETAIL 423-1 SHEET NO CV09EC FOR ITEM THICKNESSES.
- *** GATE POSTS TO BE SET TO PROVIDE 20.00' BETWEEN EDGES OF GATE POSTS AS SHOWN ON STANDARD 664001.

PROPOSED LEGEND FOR HMA ITEMS, SEE HMA MIXTURE REQUIREMENT TABLE, SHEET NO 51

- | | |
|---|--|
| 1 AGGREGATE SUBGRADE IMPROVEMENT 12" | 7 PIPE UNDERDRAINS, TYPE 3 |
| 2 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4" | 8 CONCRETE GUTTER, TYPE B |
| 3 PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED) | 9 CONCRETE CURB, TYPE B |
| 4 PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED) | 10 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 |
| 5 PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4" | 11 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
| 6 AGGREGATE SHOULDERS, TYPE B 6" | |

- LEGEND NOTE 1: COST INCLUDED IN THE CONTRACT UNIT PRICE FOR CONCRETE MEDIAN SURFACE, 4 INCH
- | | |
|--|---|
| 12 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12 | 19 RETAINING WALL |
| 13 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 | 20 CONCRETE MEDIAN, TYPE SB (SPECIAL) |
| 14 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 | 21 STEEL PLATE BEAM GUARDRAIL |
| 15 CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT | 22 INCIDENTAL HOT-MIX ASPHALT SURFACING |
| 16 CONCRETE BARRIER, SINGLE FACE, 44 INCH HEIGHT | 23 CONCRETE GUTTER, TYPE A |
| 17 CONCRETE BARRIER BASE (SPECIAL NO. 4) | 24 CONCRETE MEDIAN SURFACE, 4 INCH |
| 18 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH | 25 AGGREGATE FILL (LEGEND NOTE 1) |

- | | |
|---|--|
| 26 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 | 27 AGGREGATE BASE COURSE, TYPE B 6" |
| | 28 PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) |
| | 29 PORTLAND CEMENT CONCRETE SHOULDERS 10" |
| | 30 SUBBASE GRANULAR MATERIAL, TYPE B 4" |
| | 31 SUBBASE GRANULAR MATERIAL, TYPE B 12" |
| | 32 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 1/2" |
| | 33 NOISE ABATEMENT WALL GROUND MOUNTED |

- | | |
|--|--|
| 34 NOISE ABATMENT WALL, STRUCTURE MOUNTED | 41 PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED) |
| 35 BITUMINOUS MATERIALS (TACK COAT) | 42 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 |
| 36 CONCRETE BARRIER BASE | 43 CONCRETE BARRIER WALL (SPECIAL NO. 1) |
| 37 CONCRETE BARRIER BASE (SPECIAL NO. 1) | 44 SAND BACKFILL |
| 38 SUBBASE GRANULAR MATERIAL, TYPE C 4" AND VARIES | 45 CONCRETE BARRIER BASE (SPECIAL NO. 2) |
| 39 SLOPE WALL 6 INCH | 46 AGREGATE SURFACE COURSE, TYPE B 4" |
| 40 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/4" | 47 HOT-MIX ASPHALT SHOULDERS, 3 3/4" |



USER NAME = ADANR	DESIGNED - RA	REVISED - 3, 9/1/2026
DRAWN - RA	REVISOR -	
PLOT SCALE = 0.16666633 ' / IN.	CHECKED - DH	REVISOR -
PLOT DATE = 8/26/2026	DATE - 04/22/2026	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED TYPICAL SECTIONS
SIDE ROADS**

SCALE: 1"= 10' SHEET . OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	61
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

CONT'D				TOTAL	191	EACH
INLET FILTERS						
LOCATION			STA	LT/RT	SUBTOTALS	
IL-17			133+75.35	LT	1	
IL-17			134+00.08	RT	1	
IL-17			134+26.93	LT	1	
IL-17			135+39.97	LT	1	
IL-17			13573.09	RT	1	
IL-17			136+45.07	RT	1	
IL-17			136+92.16	LT	1	
IL-17			137+50.99	LT	1	
IL-17			138+81.08	LT	1	
IL-17			139+36.98	LT	1	
IL-17			141+20.00	RT	1	
IL-17			142+39.99	LT	1	
IL-17			142+39.95	RT	1	
IL-17			142+66.72	LT	1	
IL-17			142+73.82	RT	1	
IL-17			143+08.01	LT	1	
IL-17			143+08.02	RT	1	
IL-17			144+00.00	LT/RT	1	
IL-17			144+55.87	LT	1	
IL-17			146+70.12	LT	1	
IL-17			146+70.00	RT	1	
IL-17			147+42.66	LT	1	
IL-17			150+34.16	LT	1	
EASTRIDGE			15+47.97	LT	1	
EASTRIDGE			14+88.03	LT	1	
EASTRIDGE			14+00.02	LT	1	
EASTRIDGE			13+27.09	RT	1	
EASTRIDGE			11+93.08	RT	1	
EASTRIDGE			11+79.88	LT	1	
EASTRIDGE			11+32.81	RT	1	
EASTRIDGE			9+39.07	RT	1	
EASTRIDGE			8+81.91	RT	1	
EASTRIDGE			8+52.50	RT	1	
EASTRIDGE			7+02.07	RT	1	
EASTRIDGE			6+22.01	LT	1	
EASTRIDGE			6+06.93	RT	1	
EASTRIDGE			4+22.10	RT	1	
S FRONTAGE RD			184+41.57	RT	1	
S FRONTAGE RD			185+02.28	LT	1	
S FRONTAGE RD			185+52.89	RT	1	
S FRONTAGE RD			185+53.06	LT	1	
S FRONTAGE RD			185+96.00	RT	1	
S FRONTAGE RD			187+69.13	RT	1	
S FRONTAGE RD			188+81.97	RT	1	
S FRONTAGE RD			189+22.01	RT	1	
S FRONTAGE RD			189+95.99	RT	1	
S FRONTAGE RD			190+62.91	RT	1	
S FRONTAGE RD			191+42.07	RT	1	
N FRONTAGE RD			284+85.82	LT	1	
N FRONTAGE RD			288+15.01	LT	1	
N FRONTAGE RD			290+07.99	LT	1	
N FRONTAGE RD			290+99.92	LT	1	
N FRONTAGE RD			291+40.02	LT	1	
N FRONTAGE RD			292+60.52	LT	1	
N FRONTAGE RD			293+65.98	LT	1	
N FRONTAGE RD			295+46.95	LT	1	

TOTAL				75	SQ YD
STONE RIPRAP, CLASS A3					
ALIGNMENT			STATION	LT/RT	SUBTOTALS
I-57			157+41	LT	17.20
I-57			157+10	RT	29.60
I-57			219+31	LT	10.87
I-57			218+13	RT	6.20
I-57			227+22	LT	11.13

TOTAL				1039	SQ YD
STONE RIPRAP, CLASS A4					
STRUCTURE ID	ALIGNMENT		STATION	RT/LT	SUBTOTALS
DS- 1082	I-57		241+92	RT	629.61
DS- 1087	I-57		243+86	LT	194.14
DS- 1088	I-57		220+88	LT	6.67
DS- 1417	RAMP A		21+20	RT	173.30
DS- 1533	I-57		143+79	LT	6.67
DS- 1535	I-57		143+75	LT	6.67
DS- 1818	I-57		166+00	LT	6.33

TOTAL				1114	SQ YD
FILTER FABRIC					
ALIGNMENT			STATION	RT/LT	SUBTOTALS
I-57			241+92	RT	629.61
I-57			243+86	LT	194.14
I-57			220+88	LT	6.67
RAMP A			21+20	RT	173.26
I-57			143+79	LT	6.67
I-57			143+75	LT	6.67
I-57			166+00	LT	6.33
I-57			157+41	LT	17.20
I-57			157+10	RT	29.60
I-57			219+31	LT	10.87
I-57			218+13	RT	6.20
I-57			227+22	LT	11.13

TOTAL					137417	SQ YD
AGGREGATE SUBGRADE IMPROVEMENT 12"						
LOCATION		FROM STA	TO STA	LT/RT	SUBTOTALS	
INCLUDES CURB AND GUTTERS AND ADDITIONAL 1' OR 6" AS SHOWN IN TYPICALS						
RAMP A		25+03.4	36+62.0		5592.67	
RAMP B		03+05.0	13+65.3		4777.78	
RAMP C		25+00.4	37+85.0		6329.44	
RAMP D		02+88.0	13+70.3		5408.67	
CC		151+89.4	158+88.0	LT OUTSIDE	327.56	
I-57 SHOULDER		164+09.0	176+00.0	LT OUTSIDE	1007.44	
GORE		173+93.4	180+34.4	LT	682.22	
I-57 SHOULDER		159+12.5	184+85.4	LT INSIDE	3828.33	
I-57 SHOULDER		159+12.5	184+85.4	RT INSIDE	3828.56	
GORE		177+80.0	179+18.5	RT	191.00	
I-57 PAVEMENT		155+08.3	187+85.4	LT	15583.67	
I-57 PAVEMENT		155+08.3	187+83.8	RT	16405.56	
I-57 SHOULDER		194+25.6	243+50.0	LT INSIDE	8294.00	
I-57 SHOULDER		194+25.6	243+50.0	RT INSIDE	8272.56	
I-57 PAVEMENT		194+25.6	243+50.0	LT	24003.33	
I-57 PAVEMENT		194+25.6	243+50.0	RT	23201.78	
GORE		203+66.6	205+06.6	LT	191.56	
GORE		201+89.9	206+99.8	RT	589.44	
I-57 SHOULDER		203+67.9	236+63.9	LT OUTSIDE	3520.56	
I-57 SHOULDER		201+90.8	218+07.9	RT OUTSIDE	1898.89	
I-57 SHOULDER		223+78.6	242+22.0	RT OUTSIDE	2497.56	
I-57 MEDIAN		211+30.1	218+30.3	CENTER	984.89	

1592				SQ YD
SUBBASE GRANULAR MATERIAL, TYPE B 4"				
LOCATION	FROM STA	TO STA	SUBTOTALS	
FRONTAGE	182+18.00	183+00.00	332.58	
FRONTAGE	183+00.00	184+28.00	426.89	
N FRONTAGE	283+80.00	285+00.00	832.78	

TOTAL				41555	SQ YD
SUBBASE GRANULAR MATERIAL, TYPE B 8"					
LOCATION			ITEM NO	STA	SUBTOTALS
			TEMP PAVT INTERSTATE		6732.00
			TEMPORARY PAVEMENT		1043.00
			TEMPORARY PAVEMENT		2845.00
IL 17/DRIVEWAYS			123+39.03	LT	27.78
IL 17			123+98.24	LT	28.60
IL 17			125+27.96	LT	36.83
IL 17			126+71.95	LT	24.94
IL 17			124+19.57	RT	33.11
IL 17			124+85.47	RT	36.11
IL 17			126+08.89	RT	35.11
IL 17			128+13.21	RT	324.11
N FRONTAGE RD			286+38.44	LT	10.00
N FRONTAGE RD			286+79.79	LT	5.33
N FRONTAGE RD			289+49.14	LT	9.00
S FRONTAGE RD			184+95.00	RT	10.78
S FRONTAGE RD			186+53.93	RT	47.67
S FRONTAGE RD			188+10.95	RT	113.50
IL 17			124+31.2	RT	7.52
IL 17			125+12.7	RT	23.62

TOTAL				14,525	SQ YD
SUBBASE GRANULAR MATERIAL, TYPE B 8"					
LOCATION			FROM STA	TO STA	SUBTOTALS
IL-17 EB			118+96.91	120+24.53	RT 69.65
IL-17 WB			128+49.35	129+98.62	LT 36.26
IL-17 EB/WB			130+83.56	135+89.81	LT/RT 394.59
IL-17 EB/WB			143+08.75	151+22.08	LT/RT 366.20
IL-17 WB			14556.97	14582.27	LT 89.47
IL-17 WB			139+94.77	140+99.77	LT 58.07
EASTRIDGE			6+41.18	7+20.45	LT 84.64
EASTRIDGE			11+82.48	12+07.98	LT 89.69
EASTRIDGE			11+82.49	12+07.99	LT 89.80
EASTRIDGE			11+90.48	12+07.98	LT 65.14
EASTRIDGE			14+00.00	14+66.09	LT 85.59
IL-17 WB			138+32.50	139+84.63	LT 186.06
IL-17 WB			129+76.00	129+90.00	LT 24.24
IL-17 WB			128+50.00	130+59.00	LT 46.82
IL-17 EB			130+81.00	131+19.00	RT 17.33
IL-17 EB/WB			137+09.95	137+84.95	LT/RT 86.64
IL- 17 WB			141+78.33	142+63.42	RT 57.10
IL- 17 WB			131+20.32	131+44.00	LT 15.78
EASTRIDGE			06+28.00	06+75.00	LT 188.69
EASTRIDGE			12+03.00	12+47.00	LT 431.37
EASTRIDGE			12+06.00	12+44.00	RT 34.23
EASTRIDGE			13+69.00	13+92.00	LT 99.88
EASTRIDGE			14+19.00	15+24.00	LT 323.61
EASTRIDGE			15+61.00	15+69.00	LT 4.72
EASTRIDGE			15+64.00	15+69.00	RT 2.26
EASTRIDGE			06+15.00	06+24.00	LT 16.13
EASTRIDGE			06+49.00	06+86.00	LT 18.36
DRIVEWAY			11+92.00	12+58.00	LT 58.29
DRIVEWAY			11+97.00	12+52.00	RT 6.33
DRIVEWAY			13+59.00	14+01.00	LT 39.80
DRIVEWAY			14+06.00	15+33.00	LT 19.09
DRIVEWAY			15+48.00	15+69.00	LT 5.33
DRIVEWAY			15+53.00	15+69.00	RT 4.02

TOTAL				41555	SQ YD
SUBBASE GRANULAR MATERIAL, TYPE B 12"					
LOCATION			FROM STA	TO STA	SUBTOTALS
N FRONTAGE			285+00.0	296+62.0	3,689.78
S FRONTAGE			187+00.0	192+87.3	3,250.00
IL 17			118+09.0	130+00.0	11,228.33
IL 17			130+00.0	137+00.0	7,637.22
IL 17			137+00.0	152+36.0	14,835.22
EASTRIDGE DR			08+90.0	09+52.0	463.56
EASTRIDGE DR			10+56.0	11+10.0	451.11



USER NAME	= ADANR	DESIGNED	-	REVISED	- 3, 9/1/2026
		DRAWN	- R. Adan	REVISED	-
PLOT SCALE	= 0.16666633' / IN.	CHECKED	- D. Hansen	REVISED	-
PLOT DATE	= 8/27/2026	DATE	- 04/22/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CIVIL SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	68
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

TOTAL 136433 SQ YD				
STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"				
LOCATION	FROM STA	TO STA	LT/RT	SUBTOTALS
INCLUDES CURB AND GUTTERS AND ADDITIONAL 1' OR 6" AS SHOWN IN TYPICALS				
RAMP A	25+03.4	36+62.0		5,593
RAMP B	03+05.0	13+65.3		4,778
RAMP C	25+00.4	37+85.0		6,329
RAMP D	02+88.0	13+70.3		5,409
CC	151+89.4	158+88.0	LT OUTSIDE	328
I-57 SHOULDER	164+09.0	176+00.0	LT OUTSIDE	1,007
GORE	173+93.4	180+34.4	LT	682
I-57 SHOULDER	159+12.5	184+85.4	LT INSIDE	3,828
I-57 SHOULDER	159+12.5	184+85.4	RT INSIDE	3,829
GORE	177+80.0	179+18.5	RT	191
I-57 PAVEMENT	155+08.3	187+85.4	LT	15,584
I-57 PAVEMENT	155+08.3	187+83.8	RT	16,406
I-57 SHOULDER	194+25.6	243+50.0	LT INSIDE	8,294
I-57 SHOULDER	194+25.6	243+50.0	RT INSIDE	8,273
I-57 PAVEMENT	194+25.6	243+50.0	LT	24,003
I-57 PAVEMENT	194+25.6	243+50.0	RT	23,202
GORE	203+66.6	205+06.6	LT	192
GORE	201+89.9	206+99.8	RT	589
I-57 SHOULDER	203+67.9	236+63.9	LT OUTSIDE	3,521
I-57 SHOULDER	201+90.8	218+07.9	RT OUTSIDE	1,899
I-57 SHOULDER	223+78.6	242+22.0	RT OUTSIDE	2,498

TOTAL 1583 SQ YD				
AGGREGATE BASE COURSE, TYPE B 6"				
LOCATION	FROM STA	TO STA	LT/RT	SUBTOTALS
IL 17	126+40.51	128+00.00	RT	402.28
IL 17	130+00.00	137+00.00	RT	571.72
IL 17	137+00.00	142+84.36	RT	608.78
INCLUDES THE 1' ADDITIONAL WIDTH				

TOTAL 6,357 SQ YD				
AGGREGATE BASE COURSE, TYPE B 12"				
LOCATION	FROM STA	TO STA	LT/RT	SUBTOTALS
EASTRIDGE	04+15.00	08+90.00		1860.14
EASTRIDGE	11+10.00	15+69.00		1877.28
FRONTAGE	184+28.00	186+00.00		803.81
EASTRIDGE	04+15.00	06+75.00	LT	55.29
EASTRIDGE	04+15.00	06+97.00	RT	65.36
EASTRIDGE	14+51.00	15+69.00	LT	26.29
EASTRIDGE	13+32.00	15+69.00	RT	52.67
FRONTAGE	06+97.00	183+00.00	RT	30.77
FRONTAGE	183+00.00	08+90.00	RT	58.53
EASTRIDGE	06+75.00	08+90.00	LT	78.30
EASTRIDGE	11+10.00	13+32.00	LT	113.67
EASTRIDGE	11+10.00	13+32.00	RT	86.03
FRONTAGE	11+10.00	13+32.00	LT	132.53
FRONTAGE	11+10.00	13+32.00	RT	134.17

CRESTVIEW CONNECTOR	19+81.00	24+05.86		982
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TOTAL 51 SQ YD				
HOT-MIX ASPHALT BASE COURSE WIDENING, 6 1/2"				
LOCATION	STA TO	STA	LT/RT	SUBTOTALS
IL 17/N FAIRMONT AVE	20+57.3	20+80.0	LT	7.44
IL 17/N FAIRMONT AVE	20+57.2	21+25.0	RT	43.50

TOTAL 34318 POUND	
BITUMINOUS MATERIALS (PRIME COAT)	
DESCRIPTION	SUBTOTALS
HMA PAVEMENT (FULL-DEPTH), 6"	1,544.98
HMA PAVEMENT (FULL-DEPTH), 7 1/4"	1,808.58
HMA PAVEMENT (FULL-DEPTH), 8 1/2"	8,409.20
HOT-MIX ASPHALT BASE COURSE WIDENING, 6 1/2"	114.63
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/4"	12329.75
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 1/2"	1817.25
INCIDENTAL HOT-MIX ASPHALT SURFACING	4103.35
INCIDENTAL HOT-MIX ASPHALT SURFACING	1146.25
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	1,973.29
HOT-MIX ASPHALT SHOULDERS, 3 3/4"	1,071.00

TOTAL 40,824 POUND	
BITUMINOUS MATERIALS (TACK COAT)	
DESCRIPTION	SUBTOTALS
HMA PAVEMENT (FULL-DEPTH), 6"	3089.95
HMA PAVEMENT (FULL-DEPTH), 7 1/4"	3617.15
HMA PAVEMENT (FULL-DEPTH), 8 1/2"	16818.4
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	1569.90
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	3736.88
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	1592.85
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90	3395.33
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/4"	4931.90
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 1/2"	726.90
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	789.30
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90	341.56
HOT-MIX ASPHALT SHOULDERS, 3 3/4"	214.20

TOTAL 2046 FOOT			
LONGITUDINAL JOINT SEALANT			
LOCATION	FROM STA	TO STA	SUBTOTALS
IL 17	117+59.00	118+09.00	250
IL 17	152+36.00	156+85.00	1796

TOTAL 8,096 TON	
MATERIAL TRANSFER DEVICE	
DESCRIPTION	SUBTOTALS
HMA PAVEMENT (FULL-DEPTH), 6"	230.72
HMA PAVEMENT (FULL-DEPTH), 7 1/4"	326.35
HMA PAVEMENT (FULL-DEPTH), 8 1/2"	1779.01
EASTRIDGE	8+90.00 9+52.00
EASTRIDGE	10+56.00 11+10.00
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	440.00
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	1,046.00
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	299.00
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90	634.24
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 1/2"	384.61
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	294.67
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90	63.76
HOTMIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/4"	2,224.88

TOTAL 440 TON			
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70			
LOCATION	FROM STA	TO STA	SUBTOTALS
IL 17	117+59.00	118+09.00	48.48
IL 17	152+36.00	156+85.00	391.09

TOTAL 1046 TON				
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90				
LOCATION	FROM STA	TO STA	LT/RT	SUBTOTALS
I-57	243+50.0	245+56.2	LT	69.29
I-57	243+50.0	245+56.2	RT	69.29
INTERIM MAINTENANCE OF TRAFFIC				
I-57	164+00.0	182+00.0	LT	261.44
I-57	175+75.0	187+00.0	RT	95.64
I-57	177+70.0	190+00.0	RT	76.50
I-57	185+00.0	190+00.0	RT	37.00
I-57	191+75.0	215+79.0	LT	274.36
I-57	191+75.0	215+79.0	RT	162.82

TOTAL 299 TON				
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70				
LOCATION	FROM STA	TO STA	LT/RT	SUBTOTALS
IL 17	117+59.00	118+09.00	LT/RT	32.32
IL 17	152+36.00	156+85.00	LT/RT	260.73
IL 17/N FAIRMONT AVE	20+57.21	20+80.13	LT	0.83
IL 17/N FAIRMONT AVE	20+57.21	21+60.18	RT	4.88

TOTAL 698 TON				
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90				
LOCATION	FROM STA	TO STA	LT/RT	SUBTOTALS
I-57	243+50.0	245+56.2	LT	46.19
I-57	243+50.0	245+56.2	RT	46.19
INTERIM MAINTENANCE OF TRAFFIC				
I-57	164+00.0	182+00.0	LT	174.29
I-57	175+75.0	187+00.0	RT	63.76
I-57	177+70.0	190+00.0	RT	51.00
I-57	185+00.0	190+00.0	RT	24.66
I-57	191+75.0	215+79.0	LT	182.91
I-57	191+75.0	215+79.0	RT	108.55

TOTAL 1,564 SQ YD			
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"			
LOCATION	FROM STA	TO STA	LT/RT
EASTRIDG	12+03.00	12+47.00	LT
EASTRIDG	13+69.00	13+92.00	LT
EASTRIDG	14+19.00	15+24.00	LT
IL 17	124+85.4	124+85.4	RT
IL 17	126+08.8	126+08.8	RT
IL 17	124+31.2	124+53.8	RT
IL 17	125+12.7	125+83.5	RT
CRESTVIEW CONNECTOR	19+81.0	24+05.9	



USER NAME	= ADANR	DESIGNED	-	REVISED	- 9/1/2026
		DRAWN	- R. Adan	REVISED	-
PLOT SCALE	= 0.16666633 ' / IN.	CHECKED	- D. Hansen	REVISED	-
PLOT DATE	= 8/27/2026	DATE	- 05/07/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CIVIL SCHEDULES

SCALE: NTS SHEET OF SHEETS STA TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	69
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

TOTAL				6284	SQ YD
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/4"					
LOCATION	FROM STA	TO STA	LT/RT	SUBTOTALS	
FRONTAGE	184+28.00	186+00.00		803.81	
N FRONTAGE	285+00.0	296+62.0	LT/RT	2,872.89	
S FRONTAGE	184+28.0	192+87.3	LT/RT	2,607.00	
INCLUDES ENTRANCE TO LONGWOOD DR AND OTHER SMALL STREETS					

TOTAL 4545 SQ YD				
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 1/2"				
LOCATION	FROM STA	TO STA	SUBTOTALS	
EASTRIDGE	04+15.00	08+90.00	1860.14	
EASTRIDGE	11+10.00	15+69.00	1877.28	
EASTRIDGE	08+90.0	09+52.0	LT/RT	406.67
EASTRIDGE	10+56.0	11+10.0	LT/RT	401.00

INCIDENTAL HOT-MIX ASPHALT SURFACING					TOTAL	261	TON
APPLICATION	LOCATION	FROM STA	TO STA	LT/RT	SUBTOTALS		
PATH	IL 17	118+09.0	130+16.0	LT	26.12		
PATH	IL 17	126+40.5	130+00.0	RT	40.95		
PATH	IL 17	130+00.0	137+00.0	RT	57.06		
PATH	IL 17	137+00.0	142+84.4	RT	61.96		
DRIVEWAY	IL 17		123+39.0	LT	3.11		
DRIVEWAY	IL 17		123+98.2	LT	3.20		
DRIVEWAY	IL 17		125+28.0	LT	4.13		
DRIVEWAY	IL 17		126+72.0	LT	2.79		
DRIVEWAY	IL 17		124+19.6	RT	3.71		
DRIVEWAY	IL 17		128+13.2	RT	36.30		
DRIVEWAY	N FRONTAGE RD		286+38.4	LT	1.12		
DRIVEWAY	N FRONTAGE RD		286+79.8	LT	0.60		
DRIVEWAY	N FRONTAGE RD		289+49.1	LT	1.01		
DRIVEWAY	S FRONTAGE RD		184+95.0	RT	1.21		
DRIVEWAY	S FRONTAGE RD		186+53.9	RT	5.34		
DRIVEWAY	S FRONTAGE RD		188+11.0	RT	12.71		

		TOTAL	617	SQ YD
WELDED WIRE REINFORCEMENT				
ITEM			SUBTOTALS	
PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB 617				

TOTAL			617	SQ YD
PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB				
LOCATION	FROM STA	TO STA	SUBTOTALS	
I-57	187+83.23	188+11.46	306.11	
I-57	193+97.25	194+25.62	311.11	

TOTAL			1553	SQ YD
PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)				
LOCATION	FROM STA	TO STA	SUBTOTALS	
FRONTAGE	182+18	183+00	332.58	
FRONTAGE	183+00	184+28	426.89	
N FRONTAG	283+80.00	285+00.00	LT/RT	793.67

TOTAL 27333				SQ YD
PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)				
LOCATION	FROM STA	TO STA		SUBTOTALS
IL 17	118+09.0	13+00.0	INCLUDES ST JOSEPH	9,084
IL 17	13+00.0	137+00.0		6,922
IL 17	137+00.0	152+36.0		11,328

TOTAL			14740	SQ YD
PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)				
LOCATION		FROM STA	TO STA	SUBTOTALS
RAMP A	25+03.4	36+62.0		3,695.56
RAMP B	03+05.0	13+65.3		3,514.67
RAMP C	25+00.4	37+85.0		4,202.56
RAMP D	02+88.0	13+70.3		3,327.67

TOTAL 77846 SQ YD				
PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)				
LOCATION	FROM STA	TO STA	LT/RT	SUBTOTALS
I-57	155+08.3	187+85.4	LT	15,408.00
I-57	154+93.0	187+83.8	RT	15,986.78
I-57	194+25.6	243+50.0	LT	23,573.00
I-57	194+25.6	243+50.0	RT	22,878.22
INCLUDES PORTIONS OF RAMPS				

PROTECTIVE COAT		
LOCATION	ITEM	SUBTOTALS
N&S FRONTAGE	PCC PAVEMENT 7" (JOINTED)	794
IL 17	PCC PAVEMENT 9 3/4" (JOINTED)	20412
IL 17	PCC PAVEMENT 9 3/4" (JOINTED)	6922
I-57	PVT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	617
I-57	PCC PAVEMENT 10" (JOINTED)	14740
I-57	PCC PAVEMENT 11 1/4" (JOINTED)	77846
IL 17 & FRONTAGE	PCC DRIVEWAY PAVEMENT, 6 INCH	1043
IL 17 & FAIRMONT	PCC DRIVEWAY PAVEMENT, 8 INCH	101
IL 17	PCC SIDEWALK 4 INCH	2149
IL 17	PCC SIDEWALK 4 INCH	1438
I-57	PCC SHOULDERS 10"	4238
I-57	PCC SHOULDERS 11 1/4"	34195
I-57	CONCRETE CURB, TYPE B	125
IL 17	CONCRETE CURB, TYPE B	92
I-57	CONCRETE GUTTER, TYPE A	1118
IL 17	COMB CC&G TB6.12	1278
IL 17	COMB CC&G TB6.12	85
RAMPS	COMB CC&G TB6.24	824
IL 17	COMB CC&G TB6.24	2714
IL 17	COMB CC&G TM2.12	20
RAMP MEDIANS	COMB CC&G TM6.12	417
RAMP MEDIANS	COMB CC&G TM6.24	122
IL 17	CONC MEDIAN SURF 4	2430
IL 17	CONC MEDIAN SURF 4	112
I-57	CONC MEDIAN SURF 4	370
I-57	CONC BAR 44HT, SINGLE & BASE	3130
I-57	CONC BAR 44HT, DOUBLE	7946
I-57	CONC BAR VX 44HT	54
I-57	CONC BAR TRANS	229
I-58	CONC BAR WALL (SPECIAL NO 1)	2698
IL 17	CONC MEDIAN, TYPE SB SP	259
IL 17	CONC MEDIAN, TYPE SB SP	

PROTECTIVE COAT		CONT'D		TOTA	191809	SQ YD
LOCATION	FROM STA	TO STA	LT/RT		SUBTOTALS	
FRONTAGE	182+18	183+00			332.58	
FRONTAGE	183+00	184+28			426.89	
EASTRIDGE	06+28	06+75	LT		188.69	
EASTRIDGE	12+03	12+47	LT		431.37	
EASTRIDGE	12+06	12+44	RT		34.23	
EASTRIDGE	13+69	13+92	LT		99.88	
EASTRIDGE	14+19	15+24	LT		323.61	
EASTRIDGE	15+61	15+69	LT		4.72	
EASTRIDGE	15+64	15+69	RT		2.26	
EASTRIDGE	04+15		RT		182.44	
EASTRIDGE	04+53		RT		4.62	
EASTRIDGE	06+11		RT		6.98	
EASTRIDGE	06+51		RT		14.04	
FRONTAGE	182+32		RT		39.10	
EASTRIDGE	07+76		RT		63.43	
EASTRIDGE	11+10	12+06	LT		52.52	
EASTRIDGE	12+45	13+78	LT		72.24	
EASTRIDGE	13+88	14+25	LT		18.36	
EASTRIDGE	15+21	15+69	LT		23.64	
EASTRIDGE	12+52	12+57	RT		4.26	
EASTRIDGE	12+00		LT		60.51	
EASTRIDGE	13+63		LT		41.90	
EASTRIDGE	13+98		LT		30.74	
FRONTAGE	183+00	187+00	LT		223.77	
EASTRIDGE	04+15	06+75	LT		27.64	
EASTRIDGE	04+15	06+97	RT		32.68	
EASTRIDGE	06+15	06+24	LT		8.07	
EASTRIDGE	06+49	06+86	LT		9.18	
EASTRIDGE	14+51	15+69	LT		13.14	
EASTRIDGE	13+32	15+69	RT		26.33	
DRIVEWAY	11+92	12+58	LT		29.14	
DRIVEWAY	11+97	12+52	RT		3.17	
DRIVEWAY	13+59	14+01	LT		19.90	
DRIVEWAY	14+06	15+33	LT		9.54	
DRIVEWAY	15+48	15+69	LT		2.67	
DRIVEWAY	15+53	15+69	RT		2.01	
FRONTAGE	06+97	183+00	RT		20.51	
FRONTAGE	183+00	08+90	RT		39.02	
EASTRIDGE	06+75	08+90	LT		52.20	
EASTRIDGE	11+10	13+32	LT		75.78	
EASTRIDGE	11+10	13+32	RT		57.36	
FRONTAGE	11+10	13+32	LT		88.36	
FRONTAGE	11+10	13+32	RT		89.44	



USER NAME	= ADANR	DESIGNED	-	REVISED	- 3 9/1/2026
		DRAWN	- R. Adan	REVISED	-
PLOT SCALE	= 0.16666633 ' / IN.	CHECKED	- D. Hansen	REVISED	-
PLOT DATE	= 8/27/2026	DATE	- 04/22/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CIVIL SCHEDULES

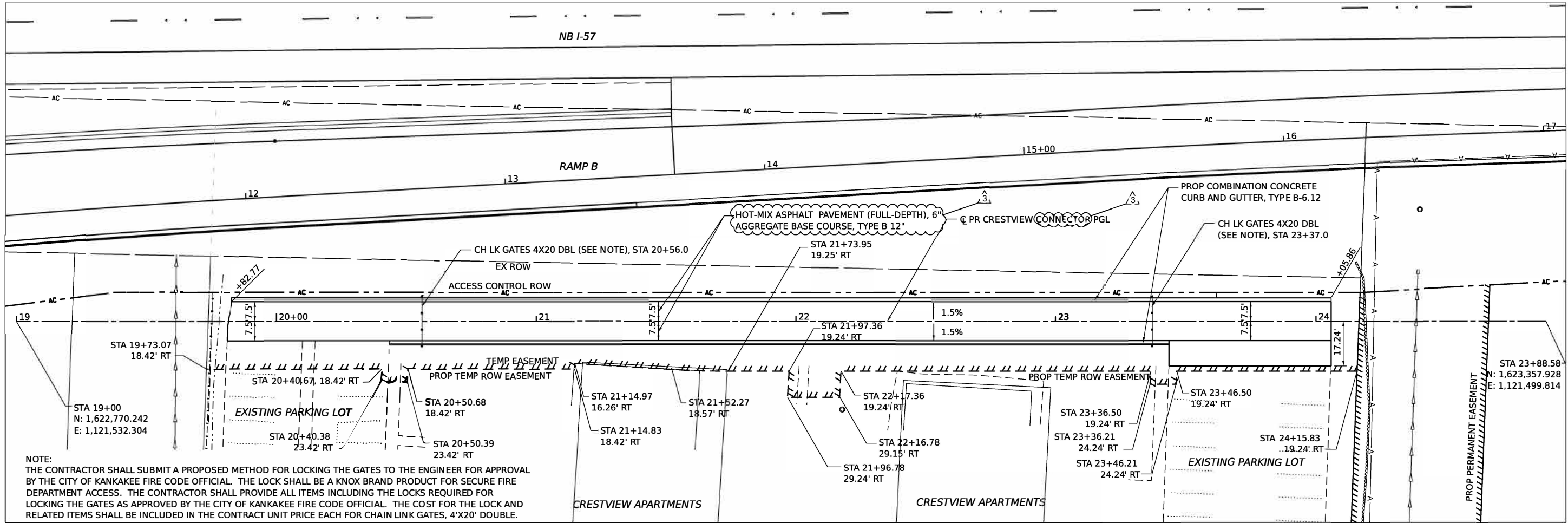
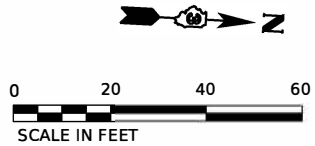
SCALE: NTS SHEET . OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	70
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

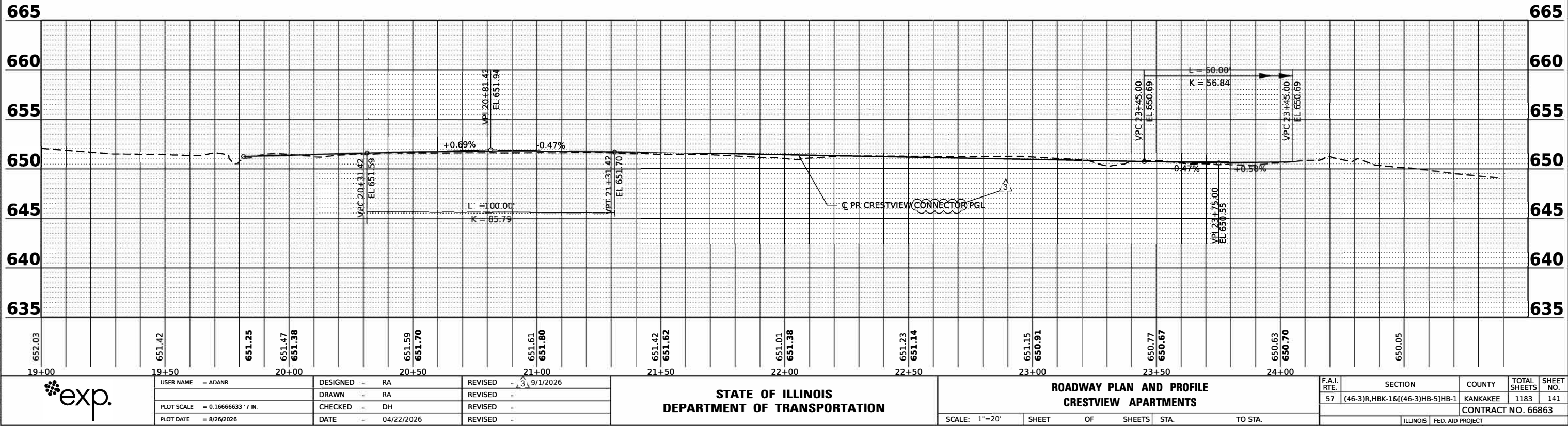
PLAN	DATE	BY
SURVISED		
PLOTTED		
ALIGNED		
CHECKED		
NO.		

PROFILE	DATE	BY
SURVISED		
PLOTTED		
GRADES		
CHECKED		
NO.		

MODEL: P:\EXP\APT - PROFILE 1 (SHEET)
FILE NAME: C:\PW\WORK\EXP-PW\BENTLEY.COM EXP-PW-01\00141210\366863-SHT-PL\PRF-19.DGN



NOTE:
THE CONTRACTOR SHALL SUBMIT A PROPOSED METHOD FOR LOCKING THE GATES TO THE ENGINEER FOR APPROVAL BY THE CITY OF KANKAKEE FIRE CODE OFFICIAL. THE LOCK SHALL BE A KNOX BRAND PRODUCT FOR SECURE FIRE DEPARTMENT ACCESS. THE CONTRACTOR SHALL PROVIDE ALL ITEMS INCLUDING THE LOCKS REQUIRED FOR LOCKING THE GATES AS APPROVED BY THE CITY OF KANKAKEE FIRE CODE OFFICIAL. THE COST FOR THE LOCK AND RELATED ITEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR CHAIN LINK GATES, 4'X20' DOUBLE.



USER NAME = ADANR	DESIGNED - RA	REVISED - 3, 9/1/2026
PLOT SCALE = 0.16666633' / IN.	DRAWN - RA	REVISED -
PLOT DATE = 8/26/2026	CHECKED - DH	REVISED -
	DATE - 04/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE
CRESTVIEW APARTMENTS

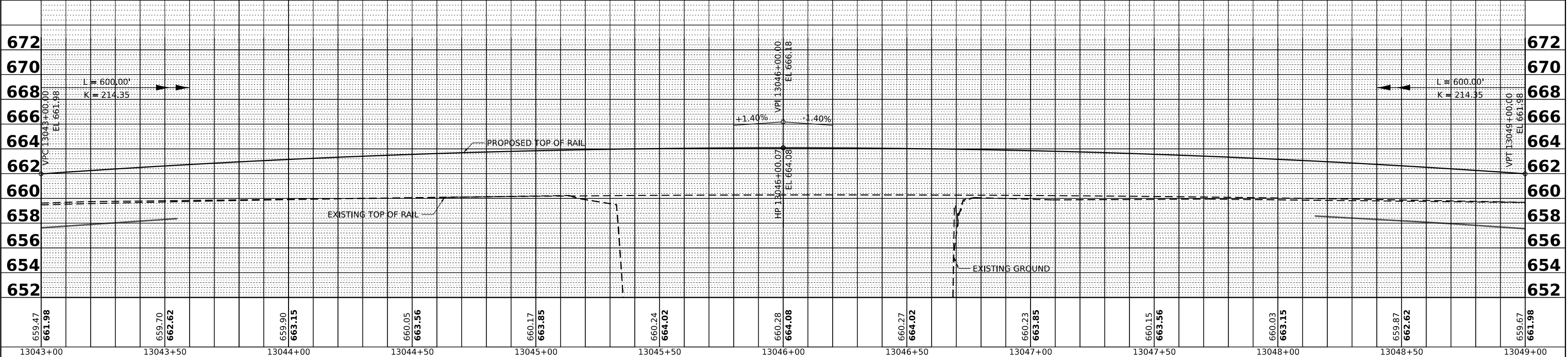
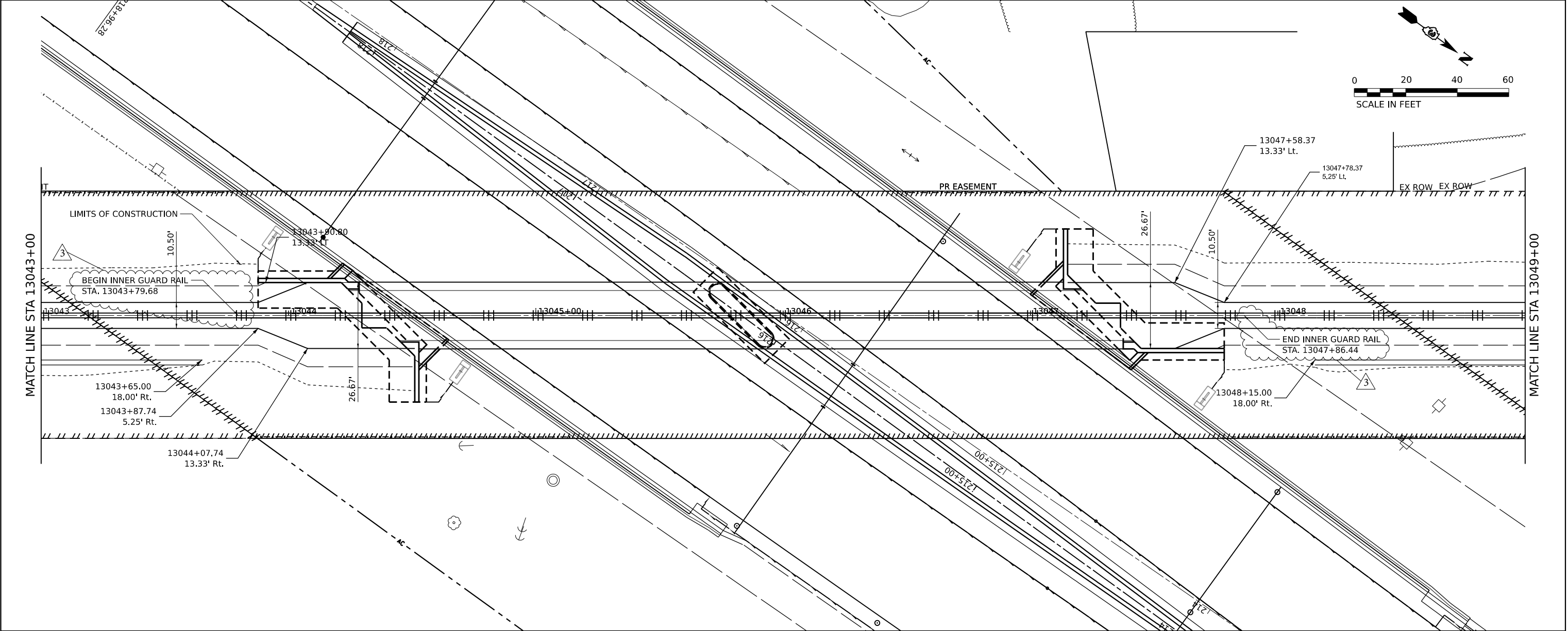
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	141
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
NO.	ALIGNED	
	CHECKED	
	FILED	
	FILE NAME	

PROFILE	SURVEYED _____		BY _____	DATE _____
NOTE BOOK	PLOTTED _____			
	GRADES CHECKED _____			
	B.M. NOTED _____			
NO. _____	STRUCTURE NOTATION'S CHK'D _____			

MODEL: EX-KB&R - R&2 (SHEET)
FILE NAME: C:\PW\WORK\EX-PW\BENTLEY\COM\EXP-PW\01\00\1412\ID366863-SHT-2\UPRR-17.DGN



659.47 661.98	13043+00	659.70 662.62	13043+50	659.90 663.15	13044+00	660.05 663.56	13044+50	660.17 663.85	13045+00	660.24 664.02	13045+50	660.28 664.08	13046+00	660.27 664.02	13046+50	660.23 663.85	13047+00	660.15 663.56	13047+50	660.03 663.15	13048+00	659.87 662.62	13048+50	659.67 661.98	13049+00
USER NAME = HANSENDD		DESIGNED - RA		REVISED - 3 9/1/2026																					
DRAWN - RA		REVIS		REVISED -																					
PLOT SCALE = 0.16666633" / IN.		CHECKED - DH		REVISED -																					
PLOT DATE = 9/1/2026		DATE - 04/22/2026		REVISED -																					



DESIGNED - RA	REVISED - 3 9/1/2026
DRAWN - RA	REVISED -
CHECKED - DH	REVISED -
DATE - 04/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE
KB&S RAILROAD

SCALE: 1"=20' SHEET OF SHEETS STA. 13043+00.00 TO STA. 13049+00.00

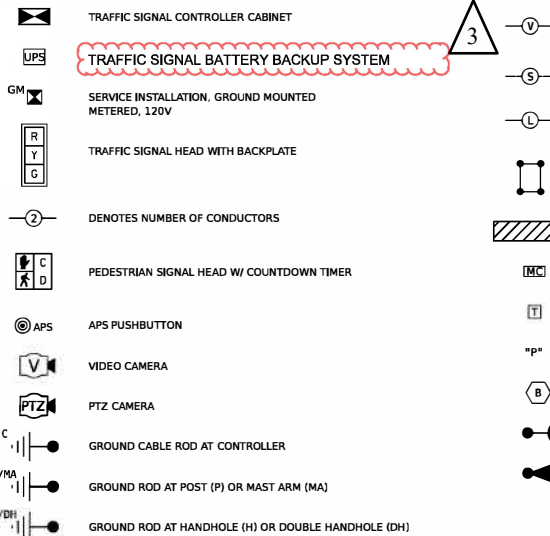
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	143
		CONTRACT NO. 66863		
		ILLINOIS FED. AID PROJ.		

GENERAL NOTES FOR TRAFFIC SIGNALS

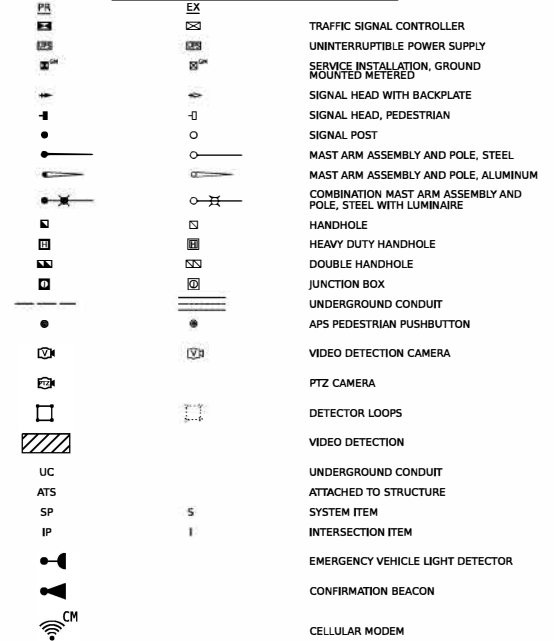
1. THE CONTRACTOR SHALL CONTACT THE DISTRICT 3 TRAFFIC SIGNAL SECTION A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.
2. THE TRAFFIC SIGNAL SECTION AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 3, SHALL BE NOTIFIED AT 815-434-8506 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNITS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123.
4. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS.
5. ALL TRAFFIC SIGNAL HEADS SHALL BE 12-INCH POLYCARBONATE LED.
6. TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. TAN COLORED TRAFFIC AND PEDESTRIAN SIGNAL REUSABLE COVERS SHALL BE USED TO COVER DARK/UN-ENERGIZED SIGNAL SECTIONS AND VISORS. COVERS SHALL BE MADE OF OUTDOOR FABRIC WITH URETHANE COATING FOR REPELLING WATER, HAVE ELASTIC FULLY SEWN AROUND THE COVER ENDS FOR A TIGHT FIT OVER THE VISOR, AND HAVE A MINIMUM OF TWO STRAPS WITH BUCKLES TO SECURE THE COVER TO THE BACKPLATE. A CENTER MESH STRIP ALLOWS VIEWING WITHOUT REMOVAL FOR SIGNAL STATUS TESTING PURPOSES. COVERS SHALL INCLUDE A MESSAGE INDICATING THE SIGNAL IS NOT IN SERVICE. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
7. A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED IN THE COST OF CONDUIT PAY ITEM.
8. ALL CONDUIT IN TRENCH SHALL BE P.V.C., GALVANIZED STEEL OR PVC SCHEDULE 80 CONDUIT SHALL BE USED UNDER PAVEMENT, STABILIZED SHOULDER, PAVED MEDIAN, PAVED DRIVEWAY, CURB AND/OR GUTTER, AND SIDEWALK. CONDUIT ATTACHED TO STRUCTURE SHALL BE GALVANIZED STEEL.
9. THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNALS ARE TURNED ON. COST TO BE INCLUDED IN THE TRAFFIC SIGNAL CONTROLLER PAY ITEM.
10. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 2.5' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
11. ALL THREADS OF BOLTS USED IN THE ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
12. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
13. ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANDHOLES AND JUNCTION BOXES WILL NOT BE ALLOWED.
14. THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINET WHILE WATCHING THE COMPONENTS IN THE CABINET.
15. THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CHORD WITHIN THE POLICE DOOR COMPARTMENT. THIS WORK SHALL BE INCLUDED IN THE CONTROLLER CABINET PAY ITEM.
16. THE CONTRACTOR SHALL PROVIDE A SELF-ADHERED PHASE DIAGRAM ON THE INSIDE OF THE CONTROLLER CABINET DOOR.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.
18. BACKPLATES SHALL BE POLYCARBONATE, LOUVERED FORMED BACKPLATES, WITH FLORESCENT YELLOW SHEETING.
19. ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE POLYCARBONATE BACK HOUSING AND STEEL OR ALUMINUM BRACKETS.
20. THE ELEVATION OF THE TOP OF THE DOUBLE HANDHOLE SHALL BE LESS THAN THE ELEVATION OF THE TOP OF THE CONTROLLER FOUNDATION. THE DOUBLE HANDHOLES INSTALLED CLOSE TO THE ROADWAY SHALL OPEN UP TOWARDS THE ROADWAY SO THE ELECTRICAL MAINTAINER IS NOT EXPOSED TO TRAFFIC WHEN WORKING.
22. ALL GROUNDING MATERIALS FOR CONCRETE FOUNDATIONS SHALL REFER TO SECTION 806 OF THE STANDARD SPECIFICATIONS.

23. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED WITH SEED OR SOD TO THE SATISFACTION OF THE ENGINEER. SEEDING OR SODDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION.
24. THE SURGE PROTECTOR IN THE CONTROLLER CABINET SHALL HAVE AN INDICATOR LIGHT.
25. THE MAST ARM FOUNDATIONS SHALL BE LOCATED A MINIMUM 5' FROM THE FACE OF THE CURB OR A MINIMUM OF 18" FROM THE EDGE OF PAVEMENT TO THE FACE OF THE FOUNDATION WHERE THERE IS NO CURB, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IN CURB AREA, PROVIDE MORE THAN 6" IF POSSIBLE IF THE SIGNAL HEAD STILL LINES UP IN THE CENTER OF LANE.
26. ONE WEEK PRIOR TO SIGNAL TURN-ON FOR BOTH DIRECTIONS, THE CHANGEABLE MESSAGE SIGNS SHOULD READ "NEW SIGNAL AHEAD /TURN ON DATE" FOR THREE WEEKS, AFTER THE SIGNALS ARE TURNED ON THE MESSAGE SIGN SHOULD READ "NEW SIGNAL AHEAD /BE PREPARED TO STOP", FOR FOUR WEEKS.
27. ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.
28. ALL TRAFFIC SIGNAL CONTROLLERS SHALL INCLUDE NTCIP AND SHALL HAVE SPACE AVAILABLE FOR VIDEO DETECTION EQUIPMENT.
29. THE MAINLINE STOP BAR DETECTOR LOOPS SHALL BE GREEN EXTENDED SO THE DETECTOR LOOPS DETECT WHEN THERE IS A QUEUE OF TRAFFIC ONLY. AFTER THE QUEUE OF TRAFFIC IS DONE, THE DETECTOR LOOP SHALL NOT EXTEND TIME ANYMORE.
30. ALL HANDHOLES AND DOUBLE HANDHOLES SHALL BE GROUNDED ACCORDING TO SECTION 806 OF THE STANDARD SPECIFICATIONS AND DETAILS AS SHOWN ON THE PLANS. THE COST OF GROUNDING SHALL BE INCLUDED WITH THE ASSOCIATED PAY ITEMS.
31. ALL VIDEO DETECTION CAMERAS SHALL BE AUTOSCOPE.
32. ALL ETHERNET SWITCHES SHALL BE CENTRACS.
33. NO MIXING OF ECONOLITE AND YUNNEX/EAGLE EQUIPMENT IS PERMITTED.
34. THE DISTRICT 3 TRAFFIC SIGNAL SECTION WILL SUPPLY DEPARTMENT OWNED EQUIPMENT TO INTEGRATE CELL PHONE MODEM COMMS INTO THE SYSTEM AT THE TIME OF TURN ON.

CABLE DIAGRAM LEGEND



TRAFFIC SIGNAL LEGEND



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL GENERAL NOTES

FILE NO.	SECTION	COUNTY	TOTAL SHEETS
57	(46-3)R-HBK-16/(46-3)HB-5 HB-1	KANKAKEE	1183 540
CONTRACT NO. 66863			
ILLINOIS DEPARTMENT OF TRANSPORTATION			

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

REV. 9/4/26

USER NAME	= SALAR	DESIGNED	= AAF	REVISED	=
DRAWN	= AAF	CHECKED	= JA	REVISED	=
PLOT SCALE	= 0.1508633' / IN.	DATE	= 04/22/2026	REVISED	=
PLOT DATE	= 02/20/26				

TRAFFIC SIGNALS SCHEDULE

NO.	CODE	PAY ITEM	UNIT	TOTAL QUANTITY	FAIRMONT AVE & IL 17	IL 17 & I-57 SPU	EASTRIDGE DR & IL 17	INTERCONNECT IL 17
1	72000100	SIGN PANEL - TYPE 1	SQ FT	192	38	99	55	-
2	72000200	SIGN PANEL - TYPE 2	SQ FT	65	42	-	23	-
3	80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	3	1	1	1	-
4	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	3,008	572	1,756	680	-
5	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	4,854	211	823	771	3,049
6	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	652	28	544	80	-
7	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	868	32	768	68	-
8	81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	251	-	251	-	-
9	81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	2	-	2	-	-
10	81300945	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 8"	EACH	6	-	6	-	-
11	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	34	3	22	4	5
12	81400710	HEAVY-DUTY HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2	-	2	-	-
13	81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	11	1	8	2	-
14	81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	1,732	562	-	1,170	-
15	82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	8	3	-	5	-
16	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5	1	2	1	1



19	86400100	TRANSCEIVER - FIBER OPTIC	EACH	4	-	-	-	4
20	87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	4,506	-	-	-	4,506
21	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4,506	-	-	-	4,506
22	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	7,212	1,153	4,459	1,600	-
23	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	10,554	1,417	6,069	3,068	-
24	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	14,049	1,273	10,605	2,171	-
25	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	6,542	1,782	2,253	2,507	-
26	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	9,196	-	9,196	-	-
27	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	408	154	125	129	-
28	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	10,869	843	4,990	1,796	3,240
29	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	9	1	6	2	-
30	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	18	2	12	4	-
31	87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	3	-	2	1	-
32	87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	21	5	10	6	-
33	87700140	STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	3	1	2	-	-
34	87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	2	-	2	-	-
35	87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1	-	1	-	-
36	87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1	-	1	-	-
37	87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1	1	-	-	-

MODUL 2D SHEET 14
 FILE NAME: C:\PWA\WORKSPACE\PROJECTS\2024\CONTRACT NO. 66863\TRAFFIC SIGNALS\TRAFFIC SIGNALS.DWG



USER NAME	SAJAL	DESIGNED	AAF	REVISED	-
DRAWN	AAF	REVIEWED	-	REVIEWED	-
PLOT SCALE	1/8" = 1'-0"	CHECKED	JA	REVIEWED	-
PLOT DATE	4/23/2026	DATE	04/22/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL SCHEDULE
SHEET 1 OF 3

SCALE: NONE SHEET 1 OF 3 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57 (46-3)R.HB-16(46-3)HB-5)HB-1	KANKAKEE	1183	541
CONTRACT NO. 66863			
ILLINOIS PROJECT			

3 REV. 9/4/26

TRAFFIC SIGNALS SCHEDULE

NO.	CODE	PAY ITEM	UNIT	TOTAL QUANTITY	FAIRMONT AVE & IL 17	IL 17 & I-57 SPU	EASTRIDGE DR & IL 17	INTERCONNECT IL 17
75	X8820014	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	79	18	39	22	-
76	X8860100	LOOP DETECTOR TESTING	EACH	14	-	14	-	-
79	X8900100	TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	4	1	2	1	-
80	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3	1	2	-	-
81	X8900108	PERMANENT TRAFFIC SIGNAL TIMING	EACH	4	1	2	-	1
82	X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	1	-	-	-	1
XX8891202 WIDE AREA VIDEO DETECTION SYSTEM COMPLETE			EACH	2	1	-	1	-
Z0033068 TRAFFIC SIGNAL BATTERY BACKUP SYSTEM			EACH	3	1	1	1	-

MODEL: 2D SHEET 4
 FILE NAME: C:\PWA\WORKSPACE\PROJECTS\2024\04\0401\01099900\66863\TRAFFIC SIGNALS\1\240220

 QUIGG ENGINEERING INC	USER NAME = SALAS	DESIGNED - AAF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL SCHEDULE SHEET 3 OF 3	PLAN 57	SECTION (46-3)R.HB-1.6(46-3)HB-5)HB-1	COUNTY KANKAKEE	TOTAL SHEETS 1183	SHEET NO. 543						
	PLOT SCALE = 0.16666633"=1'	CHECKED - JA	REVISED -													
	PLOT DATE = 4/23/2026	DATE - 04/22/2026	REVISED -								SCALE: NONE SHEET 3 OF 3 STA. TO STA.					
	ILLINOIS PROJECT															


REV. 9/4/26

BILL OF MATERIALS - IL 17 AT FAIRMONT AVE

CODE	PAY ITEM	UNIT	IL 17 & FAIRMONT AVE.
72000100	SIGN PANEL - TYPE 1	SQ FT	38
72000200	SIGN PANEL - TYPE 2	SQ FT	42
80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	572
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	211
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	28
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	32
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	562
82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	3
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
20033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,153
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,417
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,273
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,782
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	154
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	843
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	5
87700140	STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	1
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	17
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	43
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	5
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
88700200	LIGHT DETECTOR	EACH	4
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	4
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1

CODE	PAY ITEM	UNIT	IL 17 & FAIRMONT AVE.
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	1
Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1
X0320023	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	264
X8130125	REMOVE EXISTING JUNCTION BOX	EACH	2
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
X8809005	LED SIGNAL FACE, LENS COVER	EACH	74
X8820014	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	18
X8891202	WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1
X8900100	TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1
X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
X8900108	PERMANENT TRAFFIC SIGNAL TIMING	EACH	1

* 100% COST TO CITY OF KANKAKEE

NO. 17-20 SHEET 14
FILE NAME: C:\PWA\WORK\KANKAKEE\17-20 IL 17 AT FAIRMONT AVE\17-20 IL 17 AT FAIRMONT AVE.dwg



USER NAME	SAJAL	DESIGNED	AAF	REVISED	-
		DRAWN	AAF	REVISED	-
PLOT SCALE	1/8"=1'-0"	CHECKED	JA	REVISED	-
PLOT DATE	4/23/2026	DATE	04/22/2026	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL DETAILS AND BILL OF MATERIALS IL-17 AT FAIRMONT AVE				SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET	OF	SHEETS	STA.	TO STA.		
						1183	546
						CONTRACT NO. 66863	
						ILLINOIS T&E PROJECT	

BILL OF MATERIALS - IL 17 AT I-57 (SPUI)

CODE	PAY ITEM	UNIT	IL 17 & I-57 (SPUI)
72000100	SIGN PANEL - TYPE 1	SQ FT	99
80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,756
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	823
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	544
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	768
81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	251
81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	2
81300945	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 8"	EACH	6
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	22
81400710	HEAVY-DUTY HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	8
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
20033086	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	4,459
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	6,069
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	10,605
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,253
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	9,196
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	125
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	4,990
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	6
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	12
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	2
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	10
87700140	STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	2
87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	2
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	64
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	47
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	25
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
88057170	OPTICALLY PROGRAMMED SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	16
88500100	INDUCTIVE LOOP DETECTOR	EACH	24

	CODE	PAY ITEM	UNIT	IL 17 & I-57 (SPUI)
	88600300	DETECTOR LOOP, TYPE III	FOOT	2,620
*	88700200	LIGHT DETECTOR	EACH	4
*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
	89502380	REMOVE EXISTING HANDHOLE	EACH	6
	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	11
	Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	2
	Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	2
	X0320023	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	3
*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM WIRE SENSOR CABLE, NO. 20 3/C	FOOT	1,557
	X8130125	REMOVE EXISTING JUNCTION BOX	EACH	2
	X8570231	FULL-ACTUATED CONTROLLER AND TYPE V CABINET (SPECIAL)	EACH	1
	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	16
	X8809005	LED SIGNAL FACE, LENS COVER	EACH	117
	X8820014	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	39
	X8860100	LOOP DETECTOR TESTING	EACH	14
	X8891102	REMOTE CONTROLLED TRAFFIC SIGNAL AND VIDEO SYSTEM	EACH	1
	X8900100	TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	2
	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2
	X8900108	PERMANENT TRAFFIC SIGNAL TIMING	EACH	2

* 100% COST TO CITY OF KANKAKEE

BILL OF MATERIALS - IL 17 AT EASTRIDGE DR

CODE	PAY ITEM	UNIT	IL 17 & EASTRIDGE DR
72000100	SIGN PANEL - TYPE 1	SQ FT	55
72000200	SIGN PANEL - TYPE 2	SQ FT	23
80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	680
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	771
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	80
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	68
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	1,170
82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	5
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
Z0033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,600
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,068
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,171
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,507
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	129
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,796
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	6
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	25
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	45
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	6
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	10
* 88700200	LIGHT DETECTOR	EACH	5
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	4

CODE	PAY ITEM	UNIT	IL 17 & EASTRIDGE DR
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	1
Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1
X0320023	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1,290
X8130125	REMOVE EXISTING JUNCTION BOX	EACH	2
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	9
X8809005	LED SIGNAL FACE, LENS COVER	EACH	90
X8820014	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC, SPECIAL	EACH	22
X8891202	WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1
X8900100	TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1
X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2
X8900108	PERMANENT TRAFFIC SIGNAL TIMING	EACH	1

NOTE: TEMPORARY TRAFFIC SIGNAL TIMING QUANTITY INCLUDES EASTGATE INDUSTRIAL PKWY

* 100% COST TO CITY OF KANKAKEE

NO. 1011-20 SHEET 14
FILE NAME: C:\WORK\KANKAKEE\PROJECTS\IL 17 AT EASTRIDGE DR\BOM\BOM.dwg
DRAWN BY: J. SALAS
CHECKED BY: J. SALAS
DATE: 04/22/2026

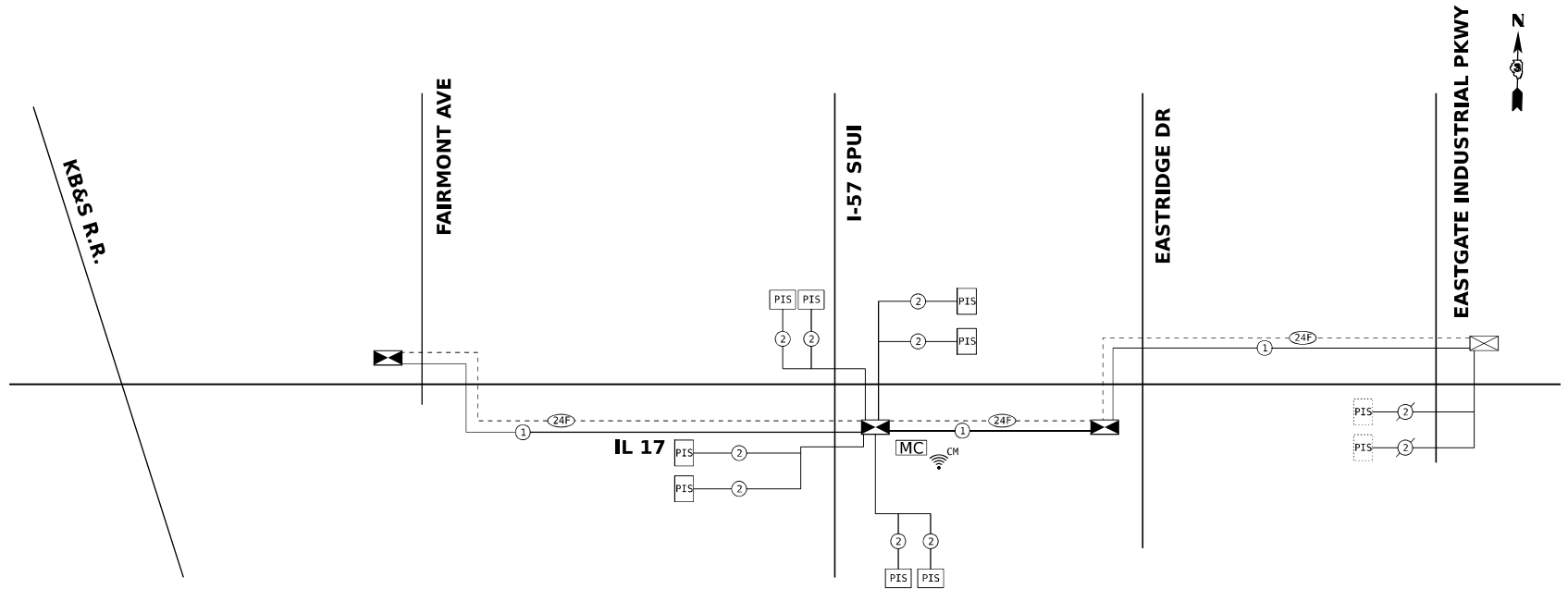


USER NAME	J. SALAS	DESIGNED	- AAF	REVISED	-
DRAWN	- AAF	CHECKED	- JA	REVISED	-
PLOT SCALE	= 0.16666667 IN	DATE	- 04/22/2026	REVISED	-
PLOT DATE	= 4/23/2026				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS AND BILL OF MATERIALS			
IL 17 AT EASTRIDGE DR			
SCALE: NONE	SHEET	OF	SHEETS
STA.	TO STA.		

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57 (46-3)R.HB-16(146-3)HB-5)HB-1	KANKAKEE	1183	562
CONTRACT NO. 66863			
ILLINOIS TEB, INC. PROJECT			



INTERCONNECT SCHEDULE OF QUANTITIES

CODE	PAY ITEM	UNIT	TOTAL QUANTITY
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	3,049
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	4
87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	4,506
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4,506
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	3,240
87900200	DRILL EXISTING HANDHOLE	EACH	1
Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	116
X8710050	FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH	EACH	1
X8710103	ETHERNET SWITCH	EACH	4
X8900108	PERMANENT TRAFFIC SIGNAL TIMING	EACH	1
X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	1

MODEL 2D SHEET 14
FILE NAME: C:\P\WORK\PROJECTS\2024\20240401\01\009903\66863\INTERCONNECT-ILL17



USER NAME	SALAS	DESIGNED	AAF	REVISED	-
DRAWN	AAF	REVIEWED	-	REVIEWED	-
PLOT SCALE	0.16666633 1/16"	CHECKED	JA	REVIEWED	-
PLOT DATE	4/23/2026	DATE	04/22/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT SCHEMATIC
IL-17 (FAIRMONT AVE TO EASTGATE INDUSTRIAL PKWY)

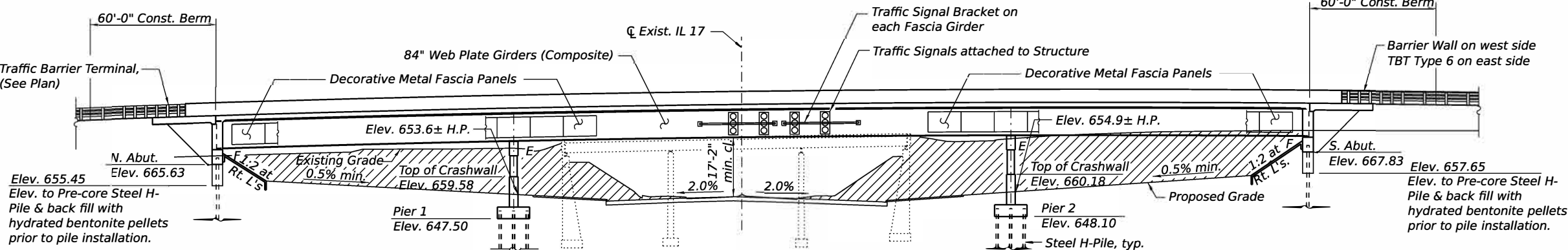
SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R-HB-16(46-3)HB-1	KANKAKEE	1183	572
CONTRACT NO. 66863				
ILLINOIS T&E PROJECT				

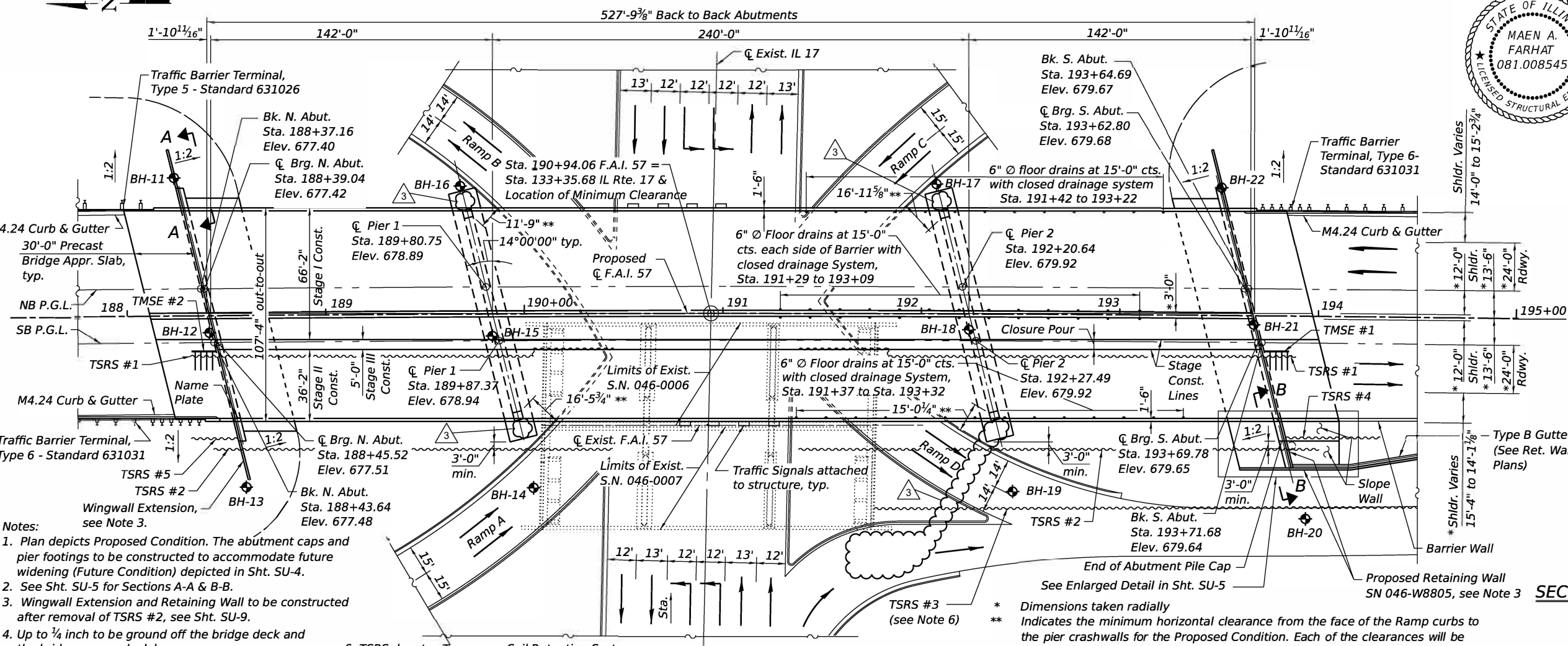
Benchmark: Cut "X" in concrete Median on IL Route 17 approximately 50' west of Existing Southbound Interstate 57 Structure 046-0007 over Illinois Route 17. Northing 1621955.641, Easting 1121273.357, Elev. 654.97

Existing Structures: Dual structures carrying Interstate 57 over Illinois Route 17 (East Court Street) existing SN 046-0006 (NB) & 046-0007 (SB) were originally constructed in 1955 and rehabilitated in 1989. Each of these structures are 3 spans with 166'-1" back to back of abutment length and 51'-2" out to out width. The superstructures are reinforced concrete decks with composite steel stringers in the positive moment region. The substructure consists of a combination of 1955 and 1989 reinforced concrete construction. The 1955 portion of the existing structures is supported by spread footings while the 1989 construction is supported by steel H-piles. Construction shall be staged so that two lanes remain open each way at all times.

No Salvage



ELEVATION



PLAN

- Notes:
1. Plan depicts Proposed Condition. The abutment caps and pier footings to be constructed to accommodate future widening (Future Condition) depicted in Sht. SU-4.
 2. See Sht. SU-5 for Sections A-A & B-B.
 3. Wingwall Extension and Retaining Wall to be constructed after removal of TSRS #2, see Sht. SU-9.
 4. Up to 1/4 inch to be ground off the bridge deck and the bridge approach slabs.
 5. TMSE denotes Temporary Mechanically Stabilized Earth Retaining Wall.
 6. TSRS denotes Temporary Soil Retention System. TSRS #3 is required for the construction of Ramp D. See Roadway plans for details.

DESIGN SPECIFICATION

2017 AASHTO LRFD Bridge Design Specifications, 8th Edition

LOADING HL-93

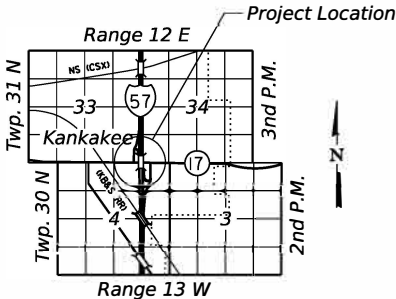
Allow 50#/sq. ft. for future wearing surface

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.073g
Design Spectral Acceleration at 0.2 sec. (S_{D05}) = 0.125g
Soil Site Class = C

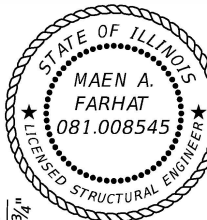
DESIGN STRESSES

FIELD UNITS
 f_c = 3,500 psi
 f_c = 4,000 psi (Superstructure Concrete)
 f_y = 60,000 psi (Reinforcement)
 f_y = 50,000 psi (M270 Grade 50)



LOCATION SKETCH

Earth Excavation (See Roadway Plans)



Signed: *MAEN A. FARHAT*
Date Signed: _____
MAEN A. FARHAT, SE
IL Lic. No.: 081-008545
Expires: 11/30/2026

GENERAL PLAN
I-57 OVER ILLINOIS ROUTE 17
(EAST COURT STREET)
F.A.I. RTE. 57

SEC. (46-3)R, HBK-1 & [(46-3)HB-5]HB-1
KANKAKEE COUNTY
STATION 190+94.06
STRUCTURE NO. 046-0154



USER NAME =	JOHNSOHB	DESIGNED -	CCE	REVISED -	3 9/1/2026
APPROVED -	MAF	REVISED -			
PLOT SCALE =	0.16666633' / IN.	DRAWN -	HB	REVISED -	
PLOT DATE =	8/24/2026	CHECKED -	MAF	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 046-0154

SHEET SU-1 OF SU-2 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R, HBK-1 & [(46-3)HB-5]HB-1	KANKAKEE	1183	686
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1.

All exposed concrete edges shall have a ¾" x 45° chamfer, except as shown otherwise. Chamfer on vertical edges shall be continued a minimum of one foot below finished ground level.
2.

Fasteners shall be ASTM F3125 Grade A325 Type 1, hot-dip galvanized. Bolts 7⁄8"dia., holes 15⁄16"dia., unless otherwise noted. See Special Provisions for "Hot Dip Galvanizing for Structural Steel" and "Metallizing of Structural Steel".
3.

Calculated weight of Structural Steel: AASHTO M270 Grade 50 = 2,490,960 pounds.
AASHTO M270 Grade 36 = 135,910 pounds
4.

No field welding is permitted except as specified in the contract documents.
5.

Reinforcement bars designated (E) shall be epoxy coated.
6.

If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.
7.

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.
8.

Concrete Sealer shall be applied to the pier cap, columns, and exposed areas of the crashwall. The Concretre Sealer shall be a 'film forming' type for horizontal surfaces.
9.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
10.

All new structural steel shall be metallized according to the Special Provision for Metallizing of Structural Steel except for End Cross Frames and the steel for fixed and expansion HLMR bearing assemblies which shall be hot-dip galvanized according to the Special Provision for Hot Dip Galvanizing for Structural Steel. See Special Provisions for Metallizing of Structural Steel and for Hot Dip Galvanizing for Structural Steel.
11.

The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
12.

Slipforming of the parapets and median barrier is not allowed.
13.

Anti-Graffiti Coating shall be applied to the exposed faces of slopewalls, abutments and piers (except bearing seat), see Sheets SU-3, SU-57 and SU-60.
14.

A protective shield system shall be installed, in pre-stages of construction and traffic control, prior to removal of the existing bridge superstructure between the face of the pier to face of adjacent pier. The system shall extend full width of the superstructure and shall be extended at minimum 2 feet outside edge of the existing bridge.
15.

Current Ratings on File for Existing Structure
Inventory: HS50 (SN 046-0006), HS50 (SN 046-0007)
Operating: HS83 (SN 046-0006), HS95 (SN 046-0007)
Live Load Restrictions: No
Inventory and Operating Ratings and Live Load Restrictions are provided for information only. Inventory and Operating Ratings are based on HS loading and configuration. Live Load Restrictions are based on Illinois legal loads and configurations. The Ratings and Live Load Restrictions are not necessarily representative of capacities to support the Contractor's equipment.
16.

Where the bridge plans specify Stage I (or 1), that shall be understood to mean MOT Stage 3.
Where the bridge plans specify Stage II (or 2), that shall be understood to mean MOT Stage 4.
Where the bridge plans specify Stage III (or 3), that shall be understood to mean MOT Stage 5A.

INDEX OF SHEETS

SU-1	General Plan And Elevation
SU-2	General Notes, Index of Sheets & Total B.O.M.
SU-3	General Details 1
SU-4	General Details 2
SU-5	General Details 3
SU-6	Construction Staging - Existing Bridge
SU-7	Construction Staging - Existing Roadway
SU-8	Existing Structure Removal
SU-9	Temporary Soil Retention System (Sheet 1 of 2)
SU-10	Temporary Soil Retention System (Sheet 2 of 2)
SU-11	Temporary Concrete Barrier Details
SU-12	Substructure Layout
SU-13	Top of Slab Elevations Layout 1
SU-14	Top of Slab Elevations Layout 2
SU-15	Top of Slab Elevations 1
SU-16	Top of Slab Elevations 2
SU-17	Top of Slab Elevations 3
SU-18	Top of Slab Elevations 4
SU-19	Top of Slab Elevations 5
SU-20	Top of Slab Elevations 6
SU-21	Top of Approach Slab Elevations 1
SU-22	Top of Approach Slab Elevations 2
SU-23	Deck Plan 1
SU-24	Deck Plan 2
SU-25	Deck Cross Section And Details
SU-26	East Parapet Elevation
SU-27	West Parapet Elevation
SU-28	Median Barrier Elevation
SU-29	Parapet Sections & Details
SU-30	Parapet Reveal Details
SU-31	Deck Details And Bar List
SU-32	Diaphragm Details 1
SU-33	Diaphragm Details 2
SU-34	Bridge Approach Slab Plan
SU-35	Bridge Approach Slab Details I
SU-36	Bridge Approach Details II
SU-37	Bridge Approach Details III
SU-38	Bridge Approach Detail IV
SU-39	Preformed Joint Strip Seal
SU-40	Bridge Drainage System
SU-41	Drainage System Details
SU-42	Framing Plan & Girder Elevation 1
SU-43	Framing Plan & Girder Elevation 2, & Fixed Brg. Details
SU-44	Moment And Reaction Tables
SU-45	Camber Diagram
SU-46	Steel Details 1
SU-47	Steel Details 2
SU-48	Bracket Details
SU-49	Decorative Metal Fascia Details
SU-50	Guided Expansion HLMR Disc Bearing Details
SU-51	Non-Guided Exp. HLMR Disc Bearing Details
SU-52	Traffic Signal Bracket Details
SU-53	North Abutment Plan And Elevation - Stage I
SU-54	North Abutment Plan And Elevation - Stage II
SU-55	South Abutment Plan And Elevation - Stage I
SU-56	South Abutment Plan And Elevation - Stage II
SU-57	Abutment Sections & Details
SU-58	Pier Plan And Elevation - Stage 1
SU-59	Pier Plan And Elevation - Stage 2
SU-60	Pier Sections & Details
SU-61	HP Pile Details
SU-62	Bar Splicer Assembly
SU-63	Soil Boring Logs 1
SU-64	Soil Boring Logs 2
SU-65	Soil Boring Logs 3
SU-66	Soil Boring Logs 4
SU-67	Soil Boring Logs 5
SU-68	Soil Boring Logs 6
SU-69	Soil Boring Logs 7
SU-70	Soil Boring Logs 8
SU-71	Soil Boring Logs 9
SU-72	Soil Boring Logs 10

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
*Removal Of Existing Structures No. 1	Each	-	-	1
**Removal Of Existing Structures No. 2	Each	-	-	1
Protective Shield	Sq Yd	727	-	727
Structure Excavation	Cu Yd	-	4,431	4,431
Floor Drains	Each	53	-	53
Concrete Structures	Cu Yd	-	1,257.8	1,257.8
Concrete Superstructure	Cu Yd	2,013.5	-	2,013.5
Protective Coat	Sq Yd	7,714	-	7,714
Furnishing And Erecting Structural Steel	L Sum	0.6	-	0.6
Stud Shear Connectors	Each	17,028	-	17,028
Reinforcement Bars,Epoxy Coated	Pound	549,480	181,430	730,910
Bar Splicers	Each	4,486	204	4,690
Slope Wall 4 Inch	Sq Yd	-	782	782
Furnishing Steel Piles HP14x102	Foot	-	5,070	5,070
Furnishing Steel Piles HP14x117	Foot	-	1,746	1,746
Driving Piles	Foot	-	6,816	6,816
Test Pile Steel HP14x102	Each	-	2	2
Test Pile Steel HP14x117	Each	-	2	2
Pile Shoes	Each	-	167	167
Name Plates	Each	1	-	1
Preformed Joint Strip Seal	Foot	219	-	219
Anchor Bolts, 1"	Each	44	-	44
Anchor Bolts, 1 1/2"	Each	128	-	128
Temporary Soil Retention System	Sq Ft	-	14,237	14,237
Temporary Mechanically Stabilized Earth Retaining Wall	Sq Ft	-	131	131
Drainage System For Structures	L Sum	1	-	1
Granular Backfill For Structures	Cu Yd	-	855	855
Concrete Sealer	Sq Ft	-	7,220	7,220
Geocomposite Wall Drain	Sq Yd	-	359	359
Pipe Underdrains For Structures 4"	Foot	-	323	323
Anti-Graffiti Coating	Sq Ft	-	16,675	16,675
Bridge Deck Grooving (Longitudinal)	Sq Yd	3,125	-	3,125
Concrete Wearing Surface, 5"	Sq Yd	676	-	676
Precast Bridge Approach Slab	Sq Ft	6,440	-	6,440
Bar Terminators	Each	-	1,016	1,016
High Load Multi-Rotational Bearings, Disc, Non-Guided Expansion-800K	Each	12	-	12
High Load Multi-Rotational Bearings, Disc, Guided Expansion-800K	Each	10	-	10
Diamond Grinding (Bridge Section)	Sq Yd	6,531	-	6,531
Temporary Support System	L Sum	-	1	1
Decorative Metal Panels	L Sum	1	-	1
Form Liner Textured Surface, Bridge Parapet	Sq Ft	2,568	-	2,568

* Structure No. 1 is I-57 NB (SN046-0006)
** Structure No. 2 is I-57 SB (SN046-0007)

STA. 190+94.06
BUILT 20XX BY
STATE OF ILLINOIS
F.A.I. RT. 57
SEC. (46-3)R,HBK-1&[(46-3)HB-5]HB-1
LOADING HL-93
STR. NO. 046-0154

NAME PLATE

See Std. 515001

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USER NAME = ERWINCC	DESIGNED - CCE	REVISED - 9/1/2026
	APPROVED - MAF	REVISED -
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PLOT DATE = 9/2/2026	CHECKED - MAF	REVISED -

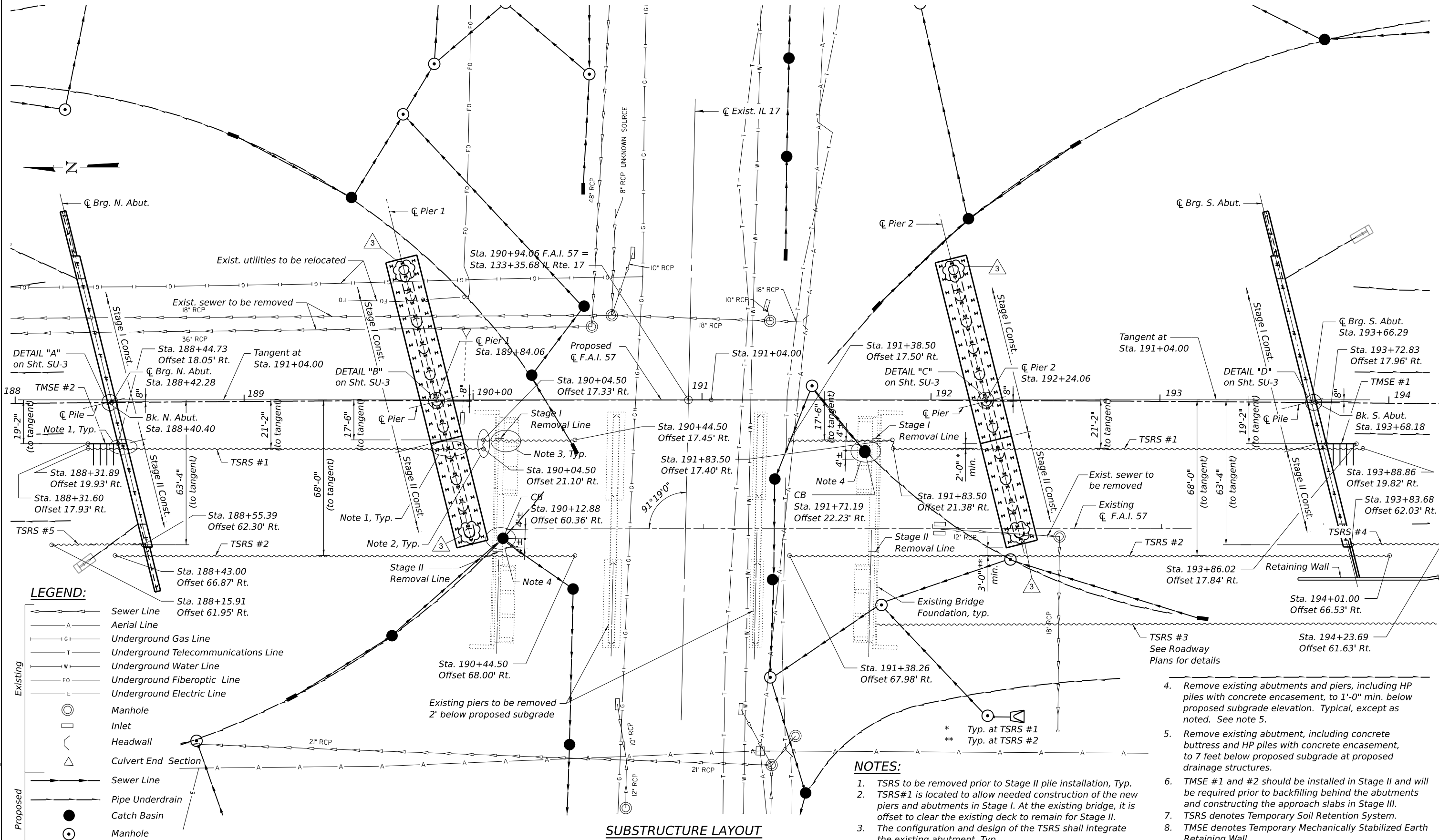
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS & TOTAL B.O.M.
STRUCTURE NO. 046-0154

SHEET SU-2 OF SU-72 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	687
CONTRACT NO. 66863				
ILLINOIS		FED. AID PROJECT		

MODEL: 2D SHEET 11
FILE NAME: C:\PWA\WORK\EXP\SUBSTRUCTURE\SUBSTRUCTURE.LAY.DGN
EXP\SUBSTRUCTURE\SUBSTRUCTURE.LAY.DGN



LEGEND:

Existing	—	Sewer Line
Existing	—	Aerial Line
Existing	—	Underground Gas Line
Existing	—	Underground Telecommunications Line
Existing	—	Underground Water Line
Existing	—	Underground Fiberoptic Line
Existing	—	Underground Electric Line
Existing	○	Manhole
Existing	□	Inlet
Existing	△	Headwall
Existing	△	Culvert End Section
Proposed	—	Sewer Line
Proposed	—	Pipe Underdrain
Proposed	●	Catch Basin
Proposed	○	Manhole

SUBSTRUCTURE LAYOUT

NOTES:

- TSRS to be removed prior to Stage II pile installation, Typ.
- TSRS#1 is located to allow needed construction of the new piers and abutments in Stage I. At the existing bridge, it is offset to clear the existing deck to remain for Stage II.
- The configuration and design of the TSRS shall integrate the existing abutment, Typ.

- Remove existing abutments and piers, including HP piles with concrete encasement, to 1'-0" min. below proposed subgrade elevation. Typical, except as noted. See note 5.
- Remove existing abutment, including concrete buttress and HP piles with concrete encasement, to 7 feet below proposed subgrade at proposed drainage structures.
- TMSE #1 and #2 should be installed in Stage II and will be required prior to backfilling behind the abutments and constructing the approach slabs in Stage III.
- TSRS denotes Temporary Soil Retention System.
- TMSE denotes Temporary Mechanically Stabilized Earth Retaining Wall.



USER NAME	= JOHNSOHB	DESIGNED	- SH	REVISED	- 3/9/1/2026
APPROVED	- MAF	REVISION	-		
PLOT SCALE	= 0.16666633" / IN.	DRAWN	- HBJ	REVISION	-
PLOT DATE	= 8/24/2026	CHECKED	- MAF	REVISION	-

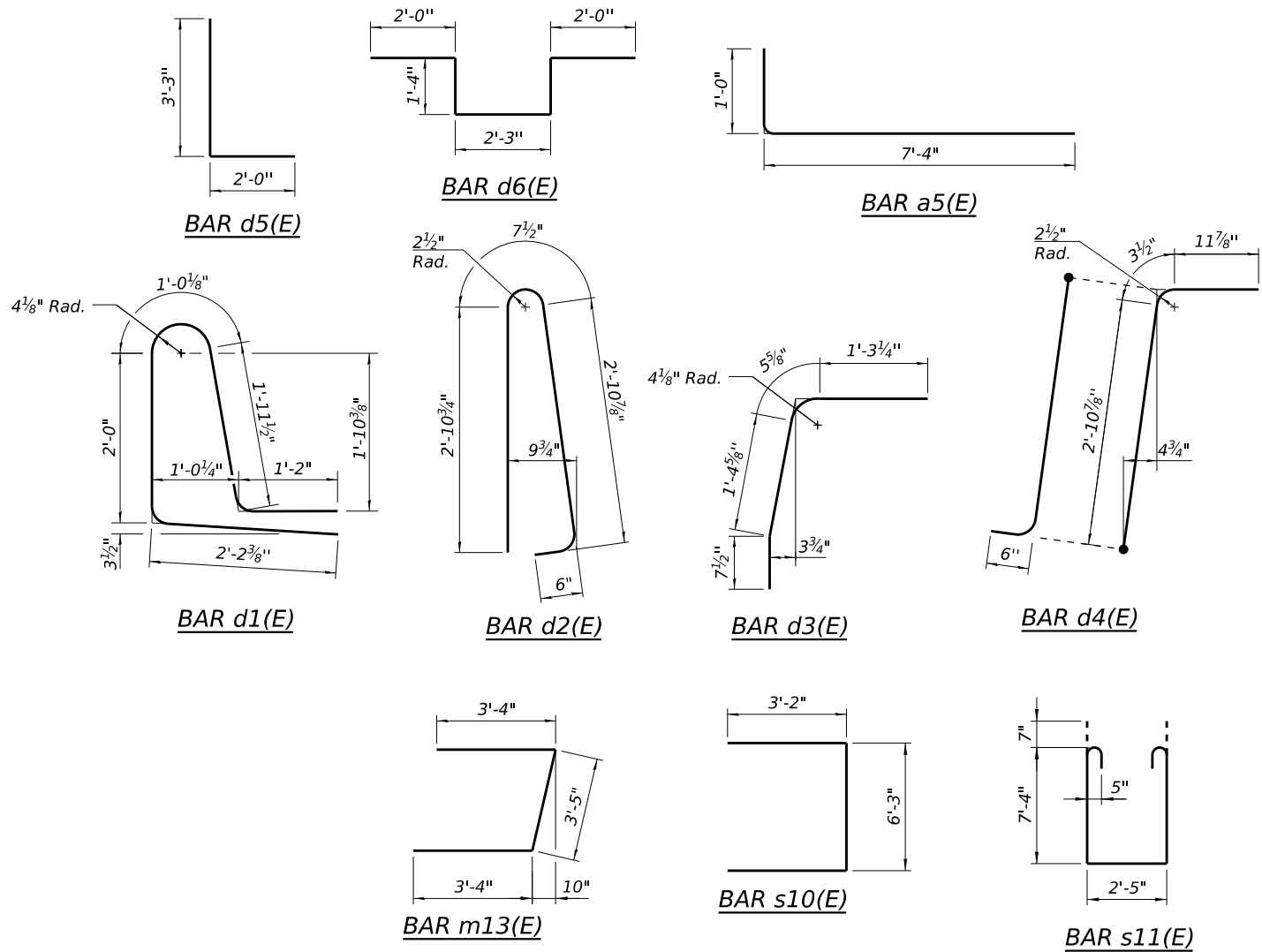
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE LAYOUT STRUCTURE NO. 046-0154

SHEET SU-12 OF SU-72 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	697
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

MODEL: 2D SHEET 11
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**SUPERSTRUCTURE
BILL OF MATERIAL**

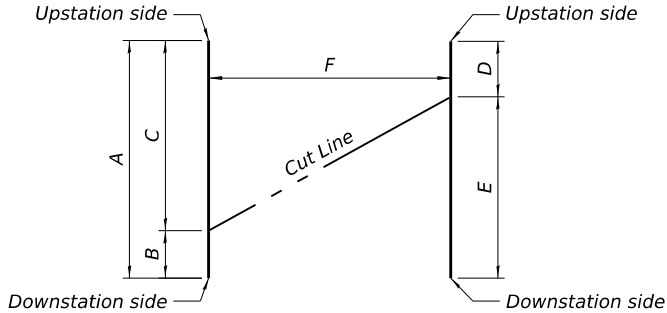
Bar	No.	Size	Length	Shape
a1(E)	826	#5	38'-2"	
a2(E)	829	#5	31'-3"	
a3(E)	1237	#5	39'-0"	
a4(E)	1244	#5	30'-3"	
a5(E)	2524	#6	8'-4"	
a6(E)	827	#5	35'-7"	
a7(E)	1240	#5	35'-10"	
a8(E)	2104	#5	4'-8"	
a9(E)	14	#5	39'-8"	
a10(E)	11	#5	32'-9"	
a11(E)	21	#5	43'-10"	
a12(E)	17	#5	30'-1"	
a13(E)	13	#5	37'-1"	
a14(E)	20	#5	37'-4"	
a15(E)	12	#5	25'-0"	
a16(E)	8	#5	20'-3"	
a17(E)	4	#5	4'-10"	
b1(E)	3840	#5	30'-0"	
b2(E)	96	#5	18'-0"	
b3(E)	96	#5	14'-0"	
b4(E)	112	#5	31'-0"	
b5(E)	112	#5	21'-0"	
b6(E)	618	#6	45'-0"	
b7(E)	206	#6	40'-0"	
d1(E)	1578	#5	8'-4"	
d2(E)	1578	#5	6'-11"	
d3(E)	1576	#5	3'-9"	
d4(E)	1576	#5	4'-8"	
d5(E)	12	#6	5'-3"	
d6(E)	24	#6	8'-11"	

**SUPERSTRUCTURE
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
e1(E)	120	#4	26'-9"	
e2(E)	96	#4	27'-2"	
e3(E)	384	#4	19'-8"	
e4(E)	288	#4	17'-3"	
e5(E)	32	#4	17'-0"	
e6(E)	8	#4	16'-10"	
e7(E)	8	#4	18'-3"	
m10(E)	32	#6	36'-3"	
m11(E)	16	#6	36'-10"	
m12(E)	126	#6	10'-0"	
m13(E)	28	#6	10'-1"	
m14(E)	30	#6	4'-9"	
s10(E)	196	#5	12'-7"	
s11(E)	196	#5	18'-3"	
Item		Unit	Quantity	
Concrete Superstructure		Cu Yd	1,980.2	
Protective Coat		Sq Yd	6,967	
Reinforcement Bars, Epoxy Coated		Pound	519,770	
Bridge Deck Grooving (Longitudinal)		Sq Yd	2,815	
Diamond Grinding (Bridge Section)		Sq Yd	5,884	

BARS a9(E), a10(E), a11(E), a12(E), a13(E) & a14(E)

Bar	A	B	C	D	E	F
a9(E)	39'-8"	3'-10"	35'-10"	3'-3"	36'-5"	14 bars
a10(E)	32'-9"	4'-7"	28'-2"	3'-1"	29'-8"	11 bars
a11(E)	43'-10"	4'-9"	39'-1"	5'-8"	38'-2"	21 bars
a12(E)	30'-1"	1'-6"	28'-7"	1'-10"	28'-3"	17 bars
a13(E)	37'-1"	3'-2"	33'-11"	3'-10"	33'-3"	13 bars
a14(E)	37'-4"	2'-4"	35'-0"	3'-3"	34'-1"	20 bars



FIELD CUTTING DIAGRAM

Order a9(E) thru a14(E) bars full length.
Cut as shown and use remainder of
bars as shown in deck plan.



USER NAME = JOHNSOHB	DESIGNED - CCE	REVISED - 3/9/1/2026
PLOT SCALE = 0.16666633' / IN.	APPROVED - MAF	REVISED -
PLOT DATE = 8/24/2026	DRAWN - HBJ	REVISED -
	CHECKED - MAF	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DECK DETAILS AND BAR LIST
STRUCTURE NO. 046-0154**

SHEET SU-31 OF SU-72 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	716
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

BAR LIST
EACH 5'-10" INTERIOR BEAM
(For information only)

Bar	No.	Size	Length	Shape
B(E)	7	#5	29'-8"	—
B1(E)	14	#9	29'-8"	—
D(E)	22	#4	7'-7"	┐
S(E)	58	#5	13'-2"	▬
S1(E)	10	#5	7'-11"	▬

BAR LIST
EACH 4'-0" INTERIOR BEAM
(For information only)

Bar	No.	Size	Length	Shape
B(E)	5	#5	29'-8"	—
B1(E)	9	#9	29'-8"	—
D1(E)	22	#4	5'-8"	┐
S2(E)	58	#5	9'-6"	▬
S3(E)	10	#5	6'-1"	▬

BAR LIST
EACH 4'-2" INTERIOR BEAM
(For information only)

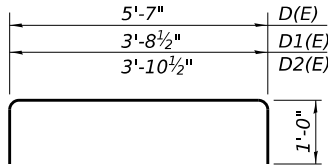
Bar	No.	Size	Length	Shape
B(E)	5	#5	29'-8"	—
B1(E)	10	#9	29'-8"	—
D2(E)	22	#4	5'-11"	┐
S4(E)	58	#5	9'-10"	▬
S5(E)	10	#5	6'-3"	▬

BAR LIST
EACH 4'-2" EXTERIOR BEAM
(For information only)

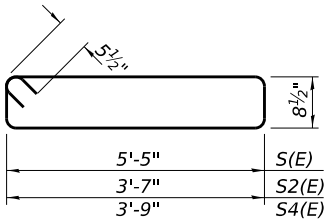
Bar	No.	Size	Length	Shape
B(E)	5	#5	29'-8"	—
B1(E)	10	#9	29'-8"	—
D2(E)	32	#4	5'-11"	┐
S4(E)	58	#5	9'-10"	▬
S5(E)	10	#5	6'-3"	▬

TWO APPROACHES
BILL OF MATERIAL

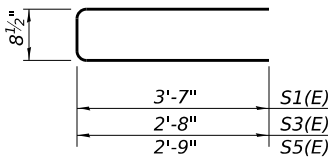
Bar	No.	Size	Length	Shape
a50(E)	76	#5	12'-0"	┐
a51(E)	48	#5	10'-7"	┐
a52(E)	76	#5	8'-2"	┐
a53(E)	124	#5	24'-0"	┐
a54(E)	62	#5	22'-0"	┐
a55(E)	124	#5	12'-6"	┐
b50(E)	208	#4	29'-8"	┐
b51(E)	12	#5	15'-0"	┐
b52(E)	4	#5	29'-8"	┐
b53(E)	3	#4	14'-8"	┐
d50(E)	115	#5	6'-6"	┐
d51(E)	115	#5	6'-11"	┐
d52(E)	194	#5	4'-2"	┐
d53(E)	194	#5	5'-1"	┐
e50(E)	36	#4	14'-8"	┐
e51(E)	16	#4	29'-8"	┐
e52(E)	24	#4	14'-9"	┐
e53(E)	8	#4	15'-5"	┐
e54(E)	8	#4	14'-0"	┐
e55(E)	2	#4	15'-2"	┐
e56(E)	2	#4	14'-4"	┐
t50(E)	436	#4	9'-8"	┐
w50(E)	160	#5	30'-6"	┐
w51(E)	160	#5	17'-9"	┐
w52(E)	80	#5	18'-3"	┐
Item			Unit	Quantity
Concrete Structures			Cu Yd	67.7
Concrete Superstructure			Cu Yd	33.1
Protective Coat			Sq Yd	747
Reinforcement Bars, Epoxy Coated			Pound	29,710
Bridge Deck Grooving (Longitudinal)			Sq Yd	310
Precast Bridge Approach Slab			Sq Ft	6,440
Concrete Wearing Surface, 5"			Sq Yd	676
Diamond Grinding (Bridge Section)			Sq Yd	647



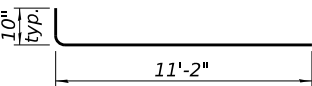
BARS D(E), D1(E) & D2(E)



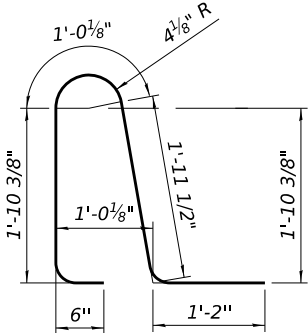
BARS S(E), S2(E) & S4(E)



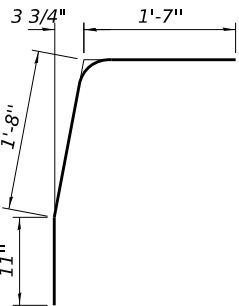
BARS S1(E), S3(E) & S5(E)



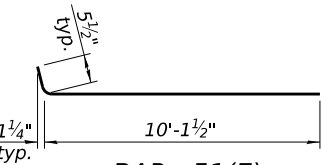
BAR a50(E)



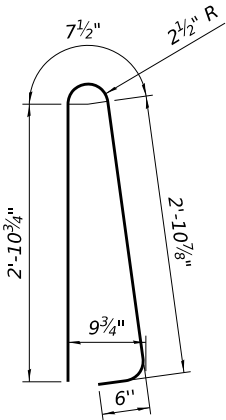
BAR d50(E)



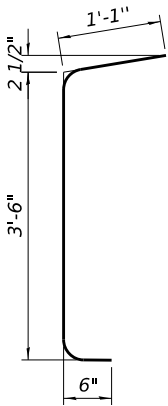
BAR d52(E)



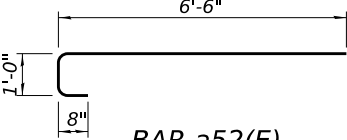
BAR a51(E)



BAR d51(E)



BAR d53(E)



BAR a52(E)



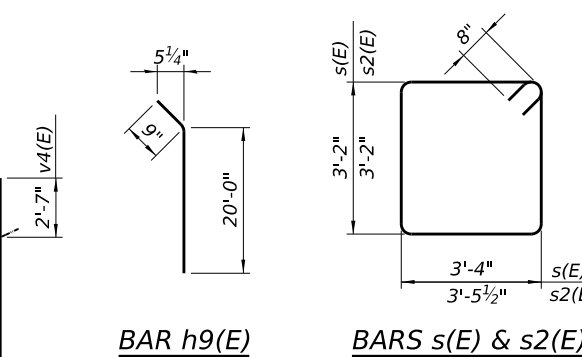
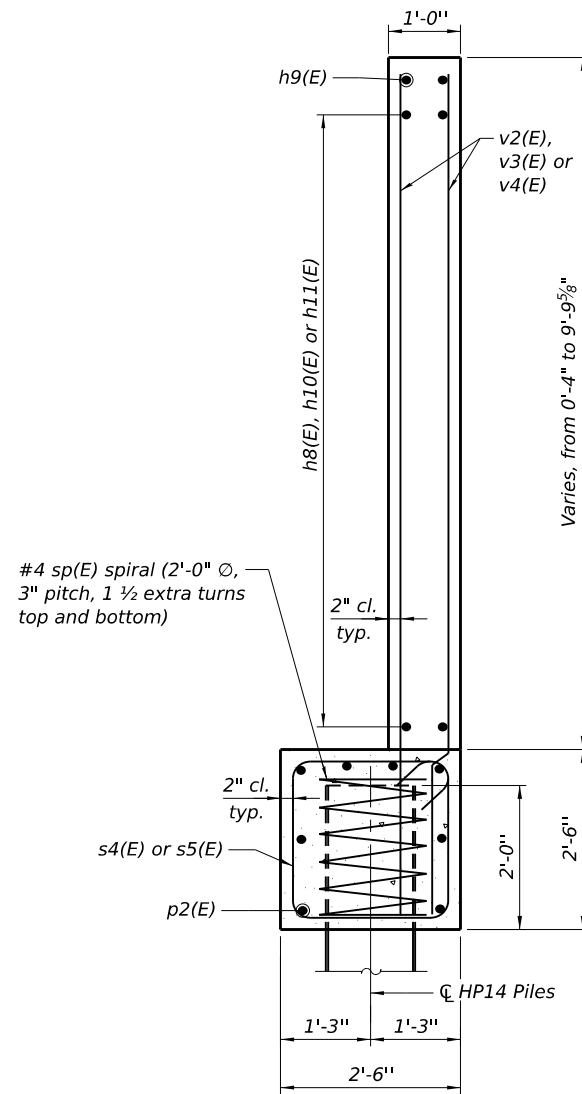
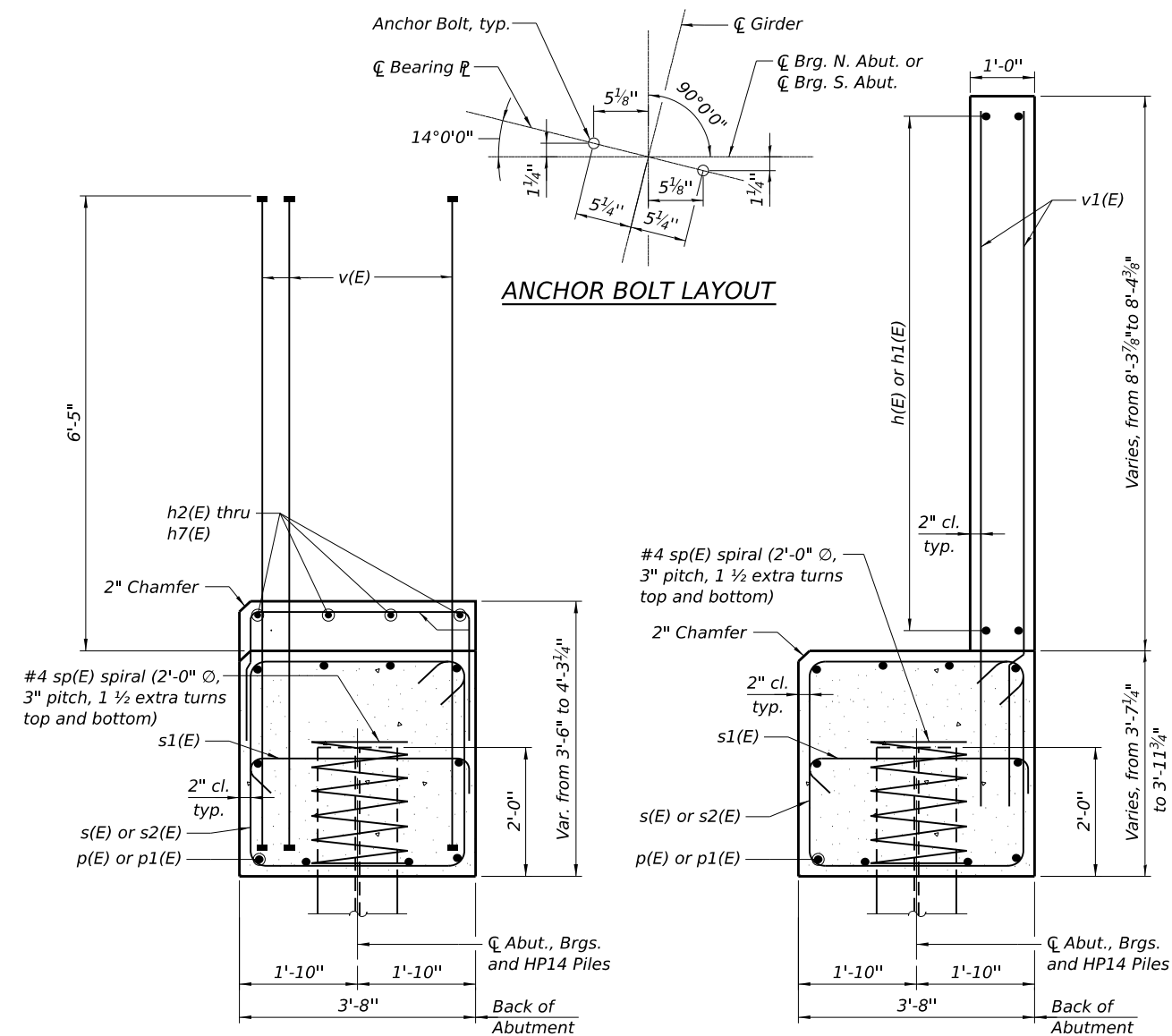
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		APPROVED -	MAF	REVISED -	
PLOT SCALE =	0.16666633' / IN.	DRAWN -	HBJ	REVISED -	
PLOT DATE =	8/24/2026	CHECKED -	MAF	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH DETAIL IV
STRUCTURE NO. 046-0154

SHEET SU-38 OF SU-72 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	723
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

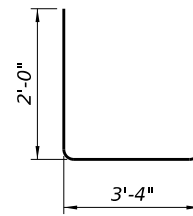
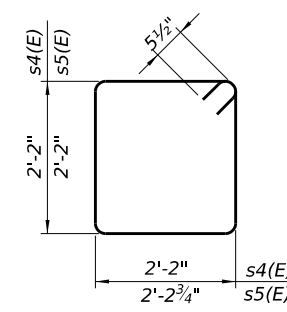
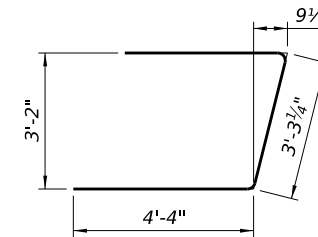
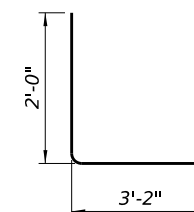
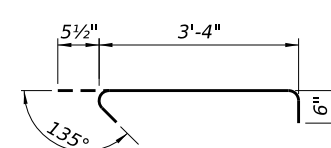
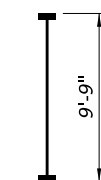
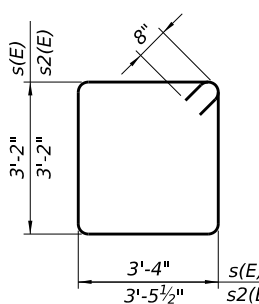
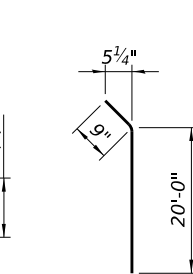
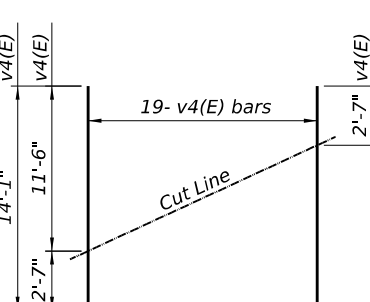
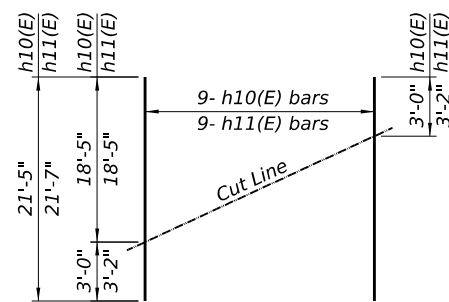
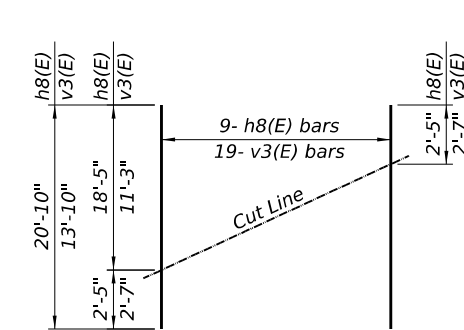


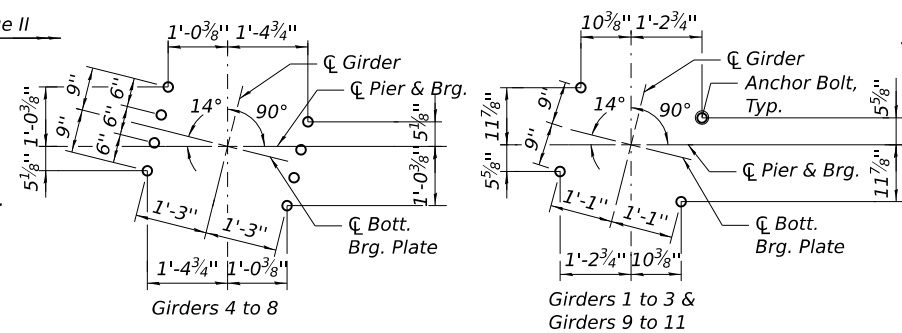
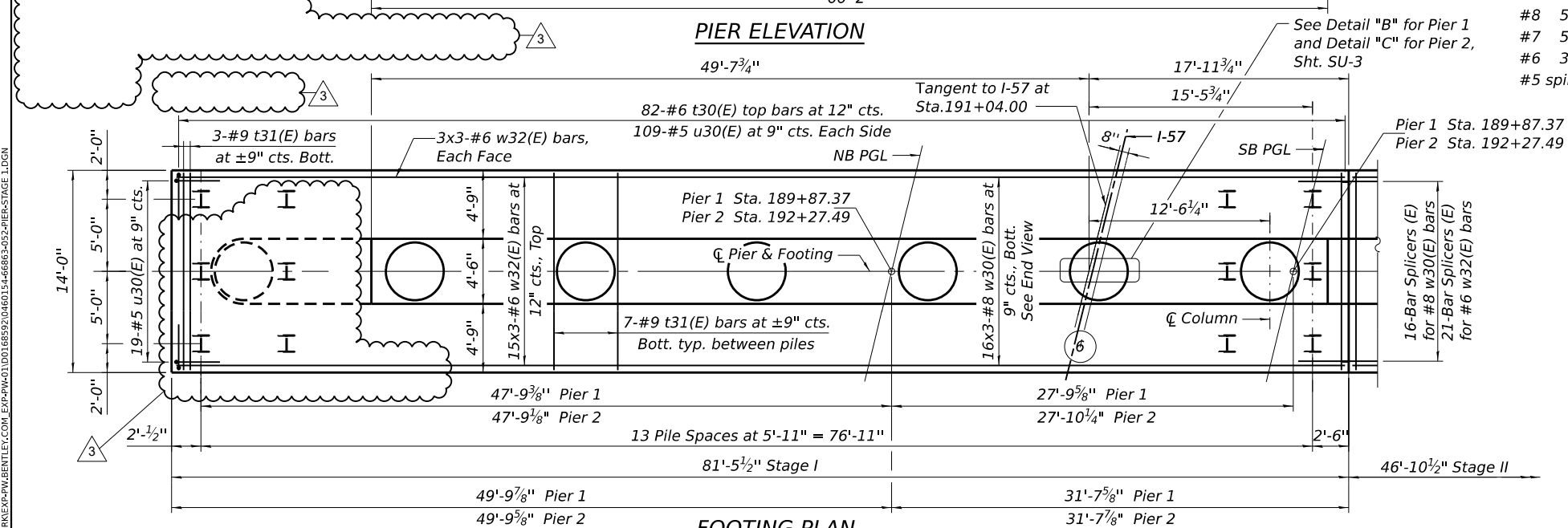
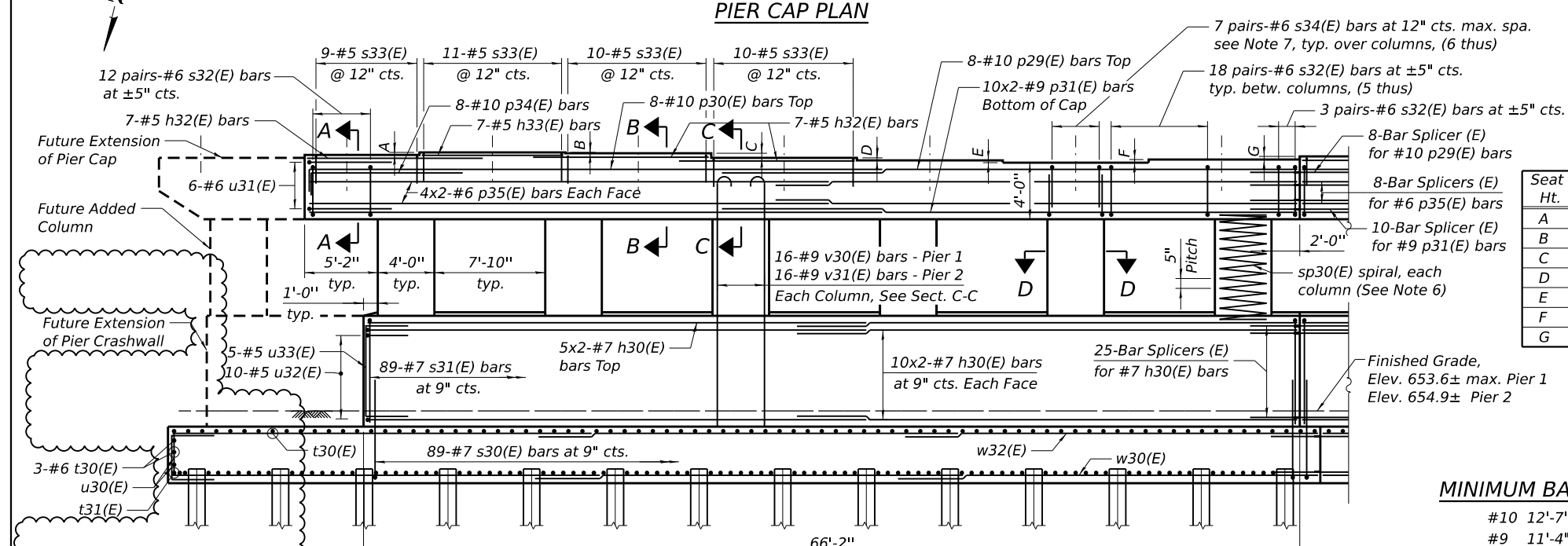
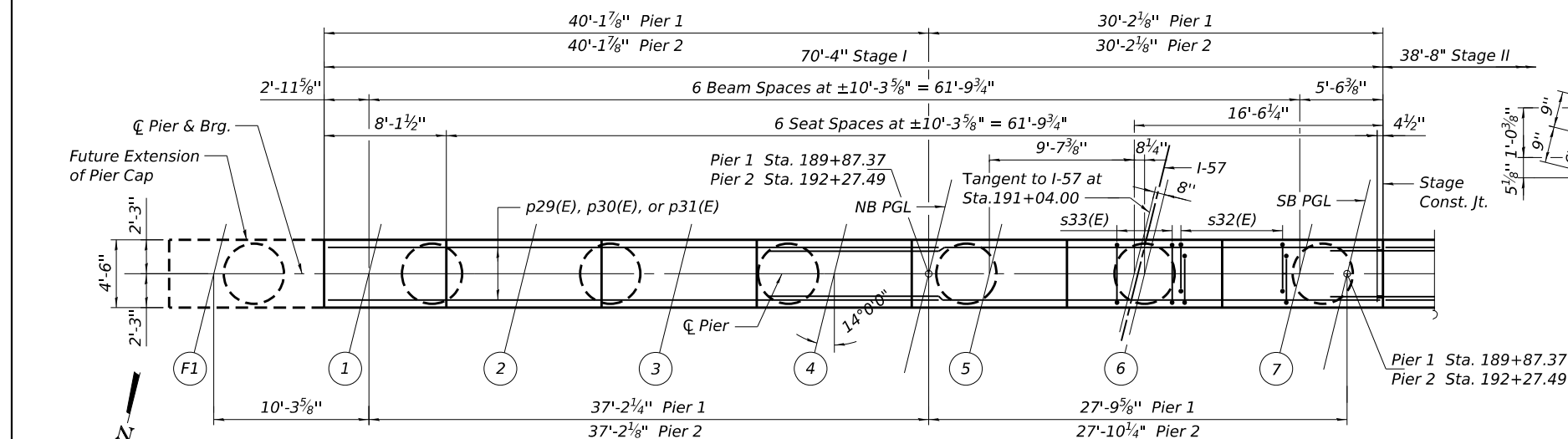
Bar	No.	Size	Length	Shape
h (E)	28	#6	13'-0"	————
h1(E)	8	#6	9'-10"	————
h2(E)	8	#5	22'-3"	————
h3(E)	4	#5	5'-10"	————
h4(E)	4	#5	9'-0"	————
h5(E)	4	#5	20'-3"	————
h6(E)	4	#5	22'-9"	————
h8(E)	9	#5	20'-10"	————
h9(E)	2	#5	20'-9"	————
h10(E)	9	#5	21'-5"	————
p(E)	20	#7	44'-8"	————
p1(E)	10	#7	46'-2"	————
p2(E)	16	#5	20'-0"	————
s(E)	126	#6	14'-4"	□
s1(E)	26	#5	4'-4"	┌┐
s2(E)	4	#6	14'-7"	□
s3(E)	8	#6	7'-2"	┌┐
s4(E)	42	#5	9'-7"	□
s5(E)	2	#5	9'-9"	□
** sp(E)	19	#4	2'-0"	W W W
u(E)	8	#6	12'-0"	└┘
u1(E)	95	#4	7'-4"	Π
v(E)	254	#8	9'-9"	══════
v1(E)	44	#6	10'-8"	══════
v2(E)	8	#5	11'-7"	══════
v3(E)	19	#5	13'-10"	══════
v4(E)	19	#5	14'-1"	══════
Reinforcement Bars, Epoxy Coated			Pound	17,590
Concrete Structures			Cu. Yd.	92.2
Structure Excavation			Cu. Yd.	126
Furnishing Steel Piles HP 14x117			Foot	1,026
Driving Piles			Foot	1,026
Test Pile, Steel HP 14x117			Each	1
Pile Shoes			Each	19
Anti-Graffiti Coating			Sq. Ft.	1,287

Bar	No.	Size	Length	Shape
h (E)	28	#6	13'-0"	————
h1(E)	8	#6	9'-10"	————
h3(E)	4	#5	5'-10"	————
h5(E)	8	#5	20'-3"	————
h6(E)	4	#5	22'-9"	————
h7(E)	4	#5	30'-9"	————
h9(E)	2	#5	20'-9"	————
h11(E)	9	#5	21'-7"	————
p(E)	20	#7	44'-8"	————
p1(E)	10	#7	46'-2"	————
p2(E)	8	#5	20'-0"	————
s(E)	126	#6	14'-4"	□
s1(E)	26	#5	4'-4"	┌┐
s2(E)	4	#6	14'-7"	□
s3(E)	8	#6	7'-2"	┌┐
s4(E)	21	#5	9'-7"	□
s5(E)	2	#5	9'-9"	□
** sp(E)	16	#4	2'-0"	WWM
u(E)	8	#6	12'-0"	└┘
u1(E)	95	#4	7'-4"	Π
v(E)	254	#8	9'-9"	══════
v1(E)	44	#6	10'-8"	————
v2(E)	4	#5	11'-7"	————
v3(E)	19	#5	13'-10"	————
Reinforcement Bars, Epoxy Coated			Pound	16,530
Concrete Structures			Cu. Yd.	84.0
Structure Excavation			Cu. Yd.	298
Furnishing Steel Piles HP 14x117			Foot	720
Driving Piles			Foot	720
Test Pile, Steel HP 14x117			Each	1
Pile Shoes			Each	16
Anti-Graffiti Coating			Sq. Ft.	1,130

** Length is the height of the spiral

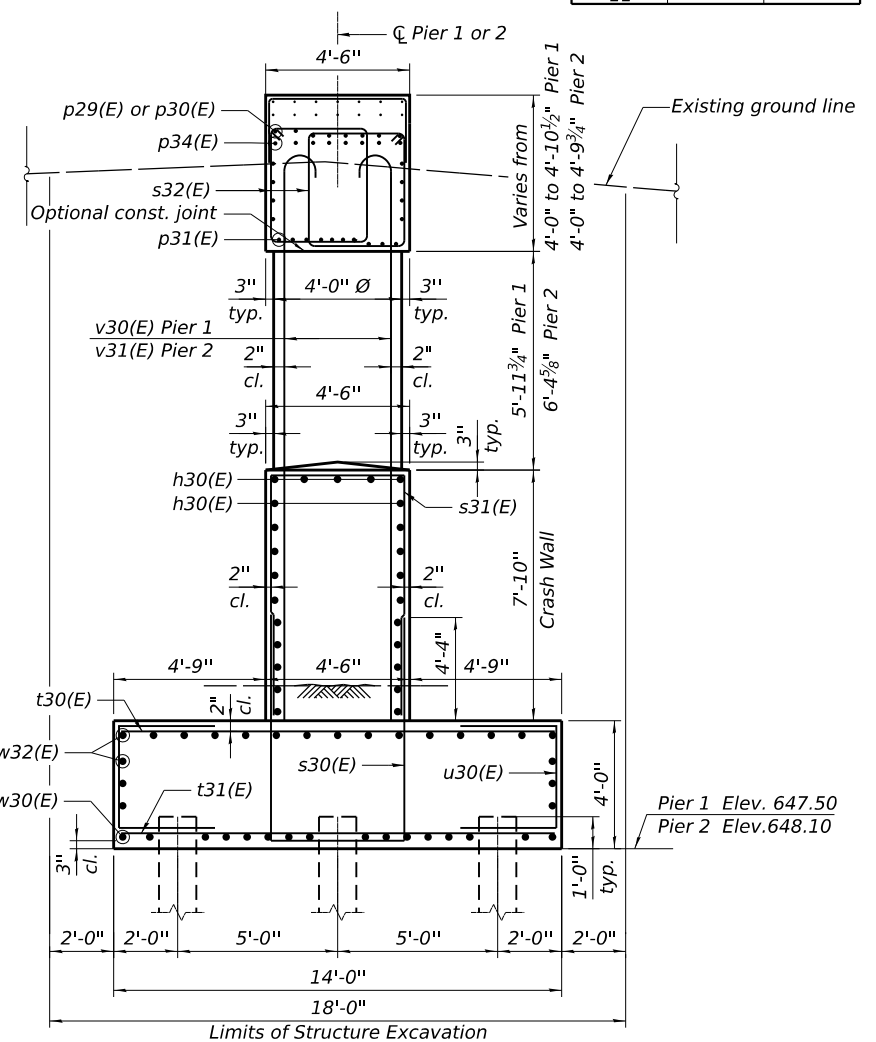
Notes:
Pour steps monolithically with cap.
Bar terminators paid for separately. See
Total Bill of Material.
For details of piles see sheet SU-61.





BRIDGE SEAT ELEVATIONS

	Pier 1	Pier 2
Girder	Elev.	Elev.
1	669.88	670.98
2	670.05	671.13
3	669.99	671.05
4	669.66	670.70
5	669.48	670.50
6	669.32	670.32
7	669.53	670.51
8	669.75	670.72
9	670.12	671.06
10	670.20	671.13
11	670.06	670.97



MINIMUM BAR LAP

Seat Ht.	Pier 1	Pier 2
A	2"	1 $\frac{3}{4}$ "
B	$\frac{3}{4}$ "	1"
C	4"	4 $\frac{3}{4}$ "
D	2 $\frac{1}{8}$ "	2 $\frac{3}{8}$ "
E	$\frac{1}{8}$ "	2 $\frac{1}{8}$ "
F	2 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "
G	2 $\frac{5}{8}$ "	2 $\frac{1}{2}$ "

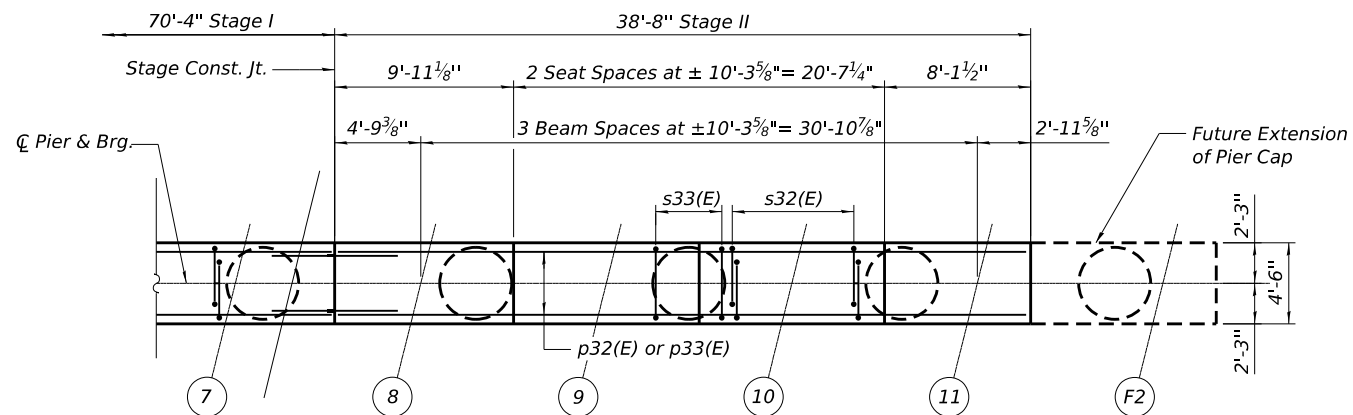
PILE DATA - PIERS 1 & 2

Item	Pier 1	Pier 2
Pile Type	HP 14x102 with pile shoes	
Nominal Required Bearing (kips)	810	810
Factored Resistance Available (kips)	445	445
Estimated Length (ft)	36	42
No. Production Piles	65	65
No. Test Piles	1	1

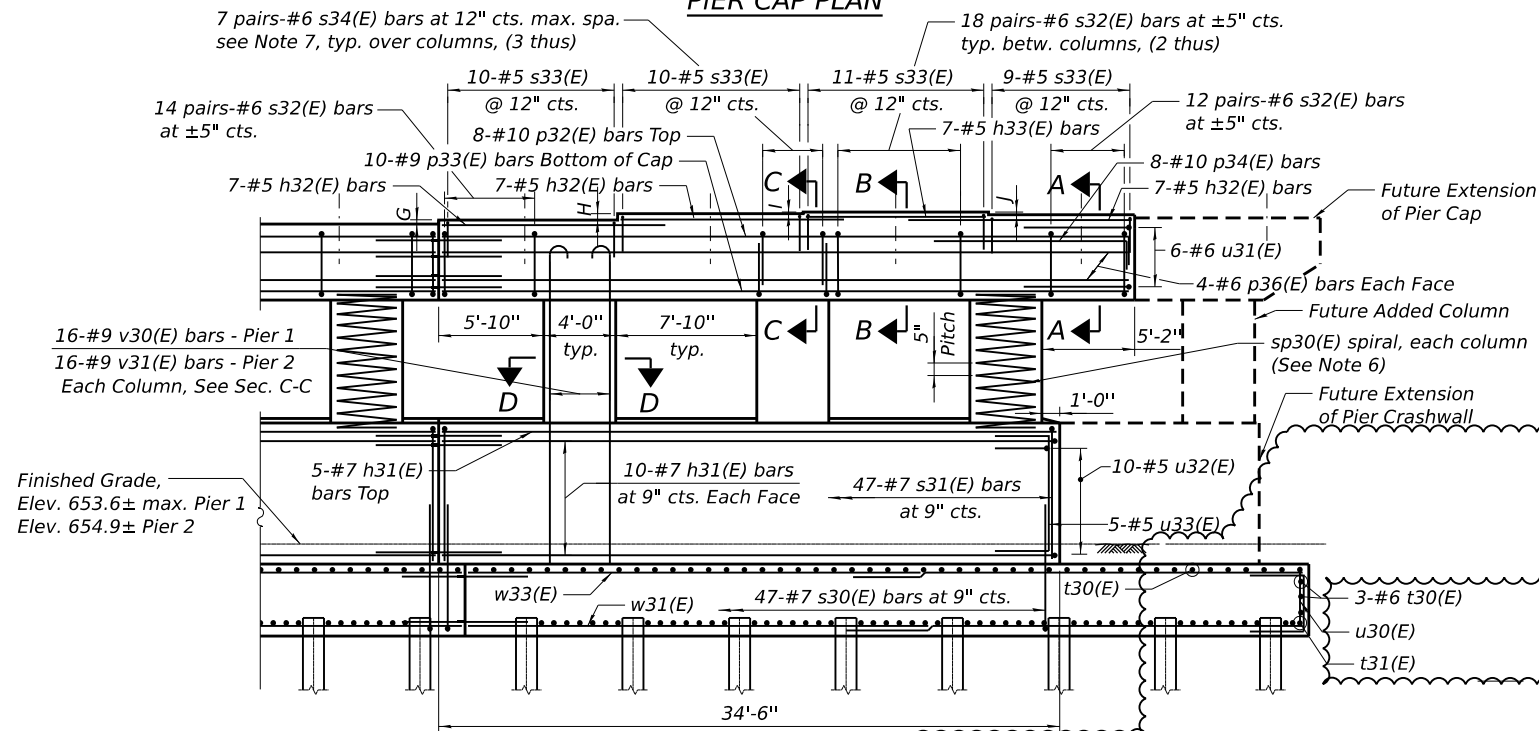
*Note: Table Includes Stage I and Stage II
(Entire Foundation)*

Notes:

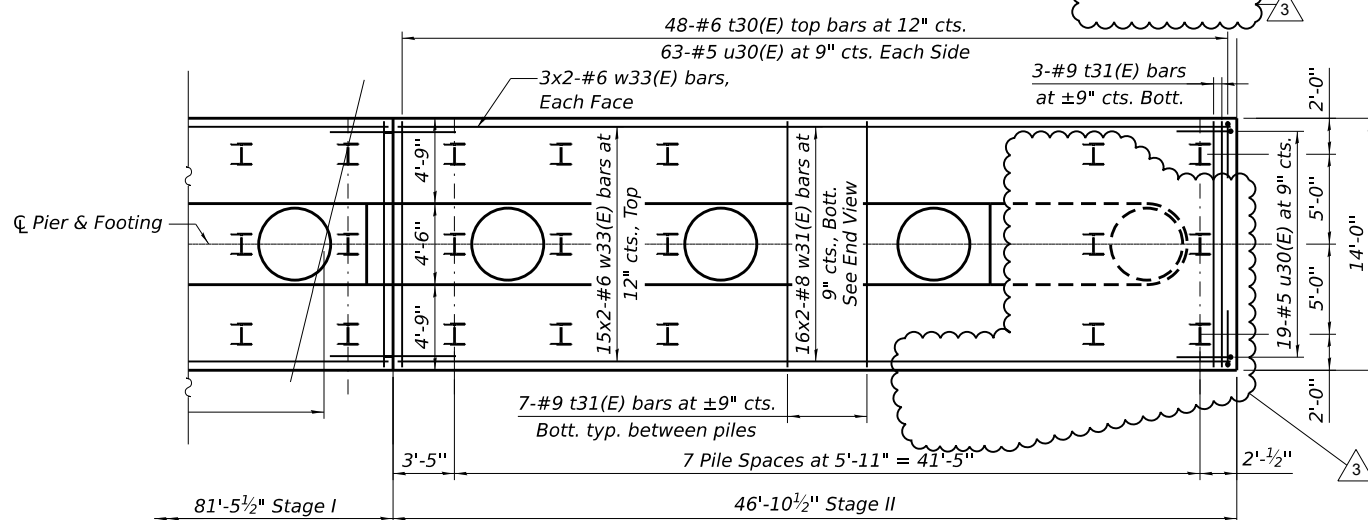
1. *Work this sheet with Shts. SU-59 and SU-60.*
2. *Cast steps monolithically with cap.*
3. *Space top reinforcement in cap to miss anchor bolts.*
4. *For Anchor Bolt and Bearing Details, see Shts. SU-50 and SU-51.*
5. *For Steel H-Pile Details, see Sht. SU-61.*
6. *Provide 1½ extra turns top and bottom. Extend spiral 2" into pier cap and crash wall. Provide 4-#4 spacer or equivalent.*
7. *Adjust s34(E) bar spacing in the field to miss anchor bolts and vertical column reinforcement.*



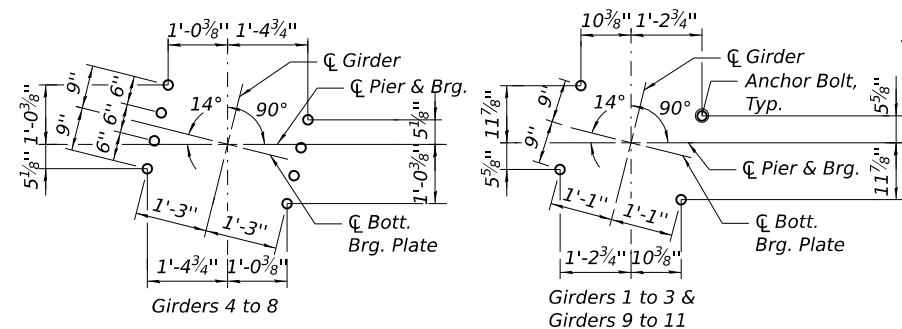
PIER CAP PLAN



PIER ELEVATION



FOOTING PLAN



ANCHOR BOLT LAYOUT

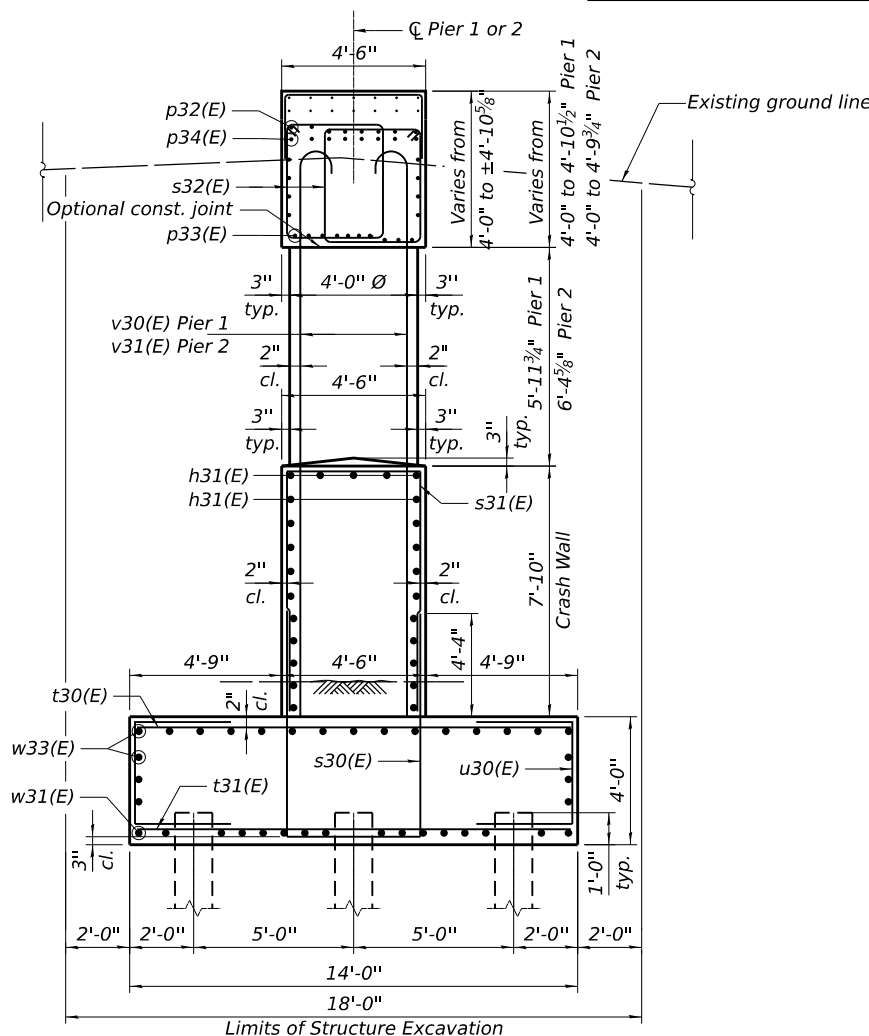
BRIDGE SEAT ELEVATIONS

Girder	Pier 1 Elev.	Pier 2 Elev.
1	669.88	670.98
2	670.05	671.13
3	669.99	671.05
4	669.66	670.70
5	669.48	670.50
6	669.32	670.32
7	669.53	670.51
8	669.75	670.72
9	670.12	671.06
10	670.20	671.13
11	670.06	670.97

Seat Ht.	Pier 1	Pier 2
G	2 5/8"	2 1/2"
H	4 1/2"	4 3/8"
I	1"	1 1/2"
J	1 5/8"	1 7/8"

MINIMUM BAR LAP

#10	12'-7"
#9	11'-4"
#8	5'-6"
#7	5'-0"
#6	3'-9"
#5 spiral bars	4'-1"



END VIEW

Notes:

1. Work this sheet with Shts. SU-58 and SU-60.
2. Cast steps monolithically with cap.
3. Space top reinforcement in cap to miss anchor bolts.
4. For Anchor Bolt and Bearing Details, see Shts. SU-50 and SU-51.
5. For Steel H-Pile Details, see Sht. SU-61.
6. Provide 1 1/2 extra turns top and bottom. Extend spiral 2" into pier cap and crash wall. Provide 4-#4 spacer or equivalent.
7. Adjust s34(E) bar spacing in the field to miss anchor bolts and vertical column reinforcement.

MODEL: 2D SHEET 11
FILE NAME: C:\PWA\WORK\EXP\PIV\BENTLEY\COM\EXP\PIV\011001685920460154668634033-PIER-STAGE 2.DGN



USER NAME =	JOHNSOHB	DESIGNED -	SH	REVISED -	3, 9/1/2026
APPROVED -	MAF	REVISOR -			
PLOT SCALE =	0.2" = 1' / IN.	DRAWN -	HBJ	REVISOR -	
PLOT DATE =	8/24/2026	CHECKED -	MAF	REVISOR -	

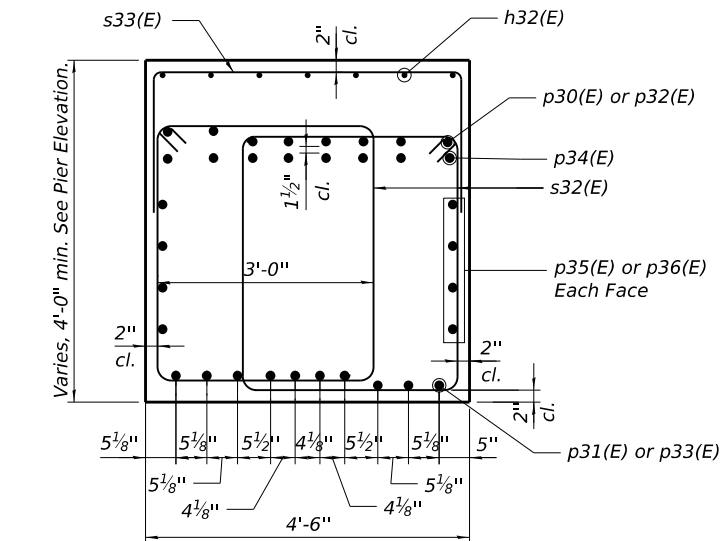
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER PLAN AND ELEVATION - STAGE 2
STRUCTURE NO. 046-0154

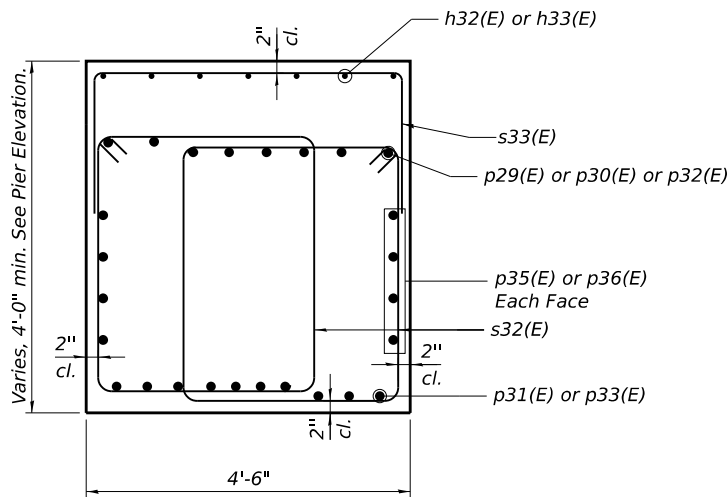
SHEET SU-59 OF SU-72 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	744
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

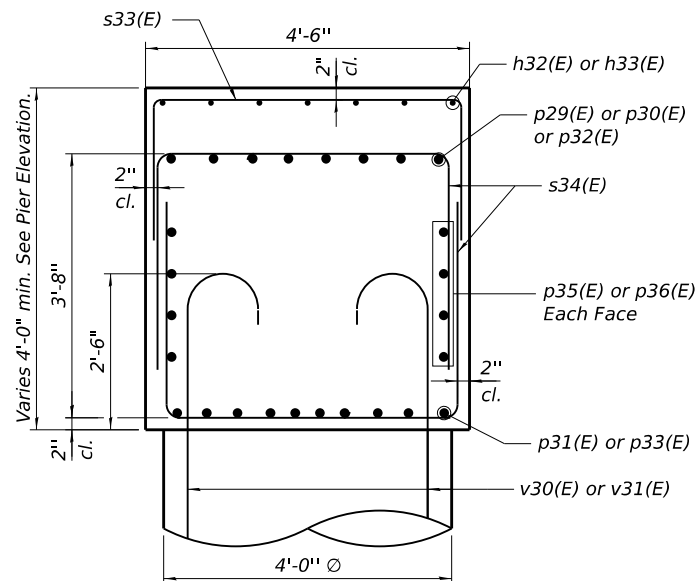
MODEL: 2D SHEET 11
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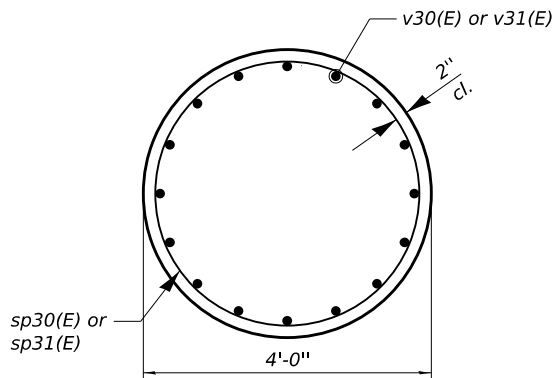
SECTION A-A



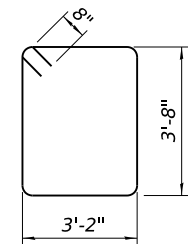
SECTION B-B



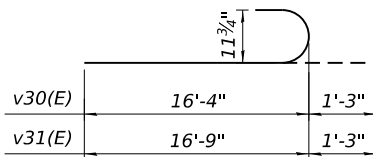
SECTION C-C



SECTION D-D



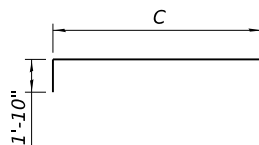
s32(E) BAR



v30(E) and v31(E) BARS

Bar	A	B
s30(E)	4'-2"	8'-1"
s31(E)	4'-2"	7'-8"
s33(E)	4'-2"	2'-0"
s34(E)	4'-2"	3'-0"
u30(E)	3'-6"	3'-0"
u31(E)	4'-2"	6'-0"
u32(E)	4'-2"	3'-0"
u33(E)	7'-7"	3'-0"

s30(E), s31(E), s33(E), s34(E)
u30(E), u31(E), u32(E) and u33(E) BARS



p30(E), p32(E) and p34(E) BARS

BILL OF MATERIAL - PIER 1

Bar	No.	Size	Length	Shape
h30(E)	50	#7	35'-6"	—
h31(E)	25	#7	34'-2"	—
h32(E)	42	#5	12'-5"	—
h33(E)	14	#5	10'-0"	—
p29(E)	8	#10	41'-4"	—
p30(E)	8	#10	43'-2"	—
p31(E)	20	#9	40'-8"	—
p32(E)	8	#10	40'-2"	—
p33(E)	10	#9	38'-4"	—
p34(E)	16	#10	13'-10"	—
p35(E)	16	#6	37'-0"	—
p36(E)	8	#6	38'-4"	—
s30(E)	136	#7	20'-4"	□
s31(E)	136	#7	19'-6"	□
s32(E)	334	#6	15'-0"	□
s33(E)	80	#5	8'-2"	□
s34(E)	126	#6	10'-2"	□
* sp30(E)	9	#5	6'-4"	ΛΛΛ
t30(E)	136	#6	13'-8"	—
t31(E)	153	#9	13'-8"	—
u30(E)	382	#5	9'-6"	□
u31(E)	12	#6	16'-2"	□
u32(E)	20	#5	10'-2"	□
u33(E)	10	#5	13'-7"	□
v30(E)	144	#9	17'-7"	—
w30(E)	48	#8	30'-9"	—
w31(E)	32	#8	25'-10"	—
w32(E)	63	#6	29'-8"	—
w33(E)	42	#6	25'-2"	—
Item		Unit	Quantity	
Structure Excavation		Cu. Yd.	2,002	
Concrete Structures		Cu. Yd.	506.2	
Reinforcement Bars, Epoxy Coated		Pound	73,500	
Furnishing Steel Piles HP 14x102		Foot	2,340	
Driving Piles		Foot	2,340	
Test Pile, Steel HP 14x102		Each	1	
Pile Shoes		Each	66	
Concrete Sealer		Sq. Ft.	3,659	
Anti-Graffiti Coating		Sq. Ft.	3,659	

BILL OF MATERIAL - PIER 2

Bar	No.	Size	Length	Shape
h30(E)	50	#7	35'-6"	—
h31(E)	25	#7	34'-2"	—
h32(E)	42	#5	12'-5"	—
h33(E)	14	#5	10'-0"	—
p29(E)	8	#10	41'-4"	—
p30(E)	8	#10	43'-2"	—
p31(E)	20	#9	40'-8"	—
p32(E)	8	#10	40'-2"	—
p33(E)	10	#9	38'-4"	—
p34(E)	16	#10	13'-10"	—
p35(E)	16	#6	37'-0"	—
p36(E)	8	#6	38'-4"	—
s30(E)	136	#7	20'-4"	□
s31(E)	136	#7	19'-6"	□
s32(E)	334	#6	15'-0"	□
s33(E)	80	#5	8'-2"	□
s34(E)	126	#6	10'-2"	□
* sp31(E)	9	#5	6'-9"	ΛΛΛ
t30(E)	136	#6	13'-8"	—
t31(E)	153	#9	13'-8"	—
u30(E)	382	#5	9'-6"	□
u31(E)	12	#6	16'-2"	□
u32(E)	20	#5	10'-2"	□
u33(E)	10	#5	13'-7"	□
v31(E)	144	#9	18'-0"	—
w30(E)	48	#8	30'-9"	—
w31(E)	32	#8	25'-10"	—
w32(E)	63	#6	29'-8"	—
w33(E)	42	#6	25'-2"	—
Item		Unit	Quantity	
Structure Excavation		Cu. Yd.	2,130	
Concrete Structures		Cu. Yd.	507.8	
Reinforcement Bars, Epoxy Coated		Pound	73,810	
Furnishing Steel Piles HP 14x102		Foot	2,730	
Driving Piles		Foot	2,730	
Test Pile, Steel HP 14x102		Each	1	
Pile Shoes		Each	66	
Concrete Sealer		Sq. Ft.	3,561	
Anti-Graffiti Coating		Sq. Ft.	3,561	

* Length is height of spiral.

Notes:

1. Work this sheet with Shts. SU-58 and SU-59.
2. Cast steps monolithically with cap.
3. Space top reinforcement in cap to miss anchor bolts.
4. For Anchor Bolt and Bearing Details, see Shts. SU-50 and SU-51.
5. For Steel H-Pile Details, see Sht. SU-61.
6. Provide 1½ extra turns top and bottom. Extend spiral 2" into pier cap and crashwall.



USER NAME =	JOHNSOHB	DESIGNED -	SH	REVISED -	9/1/2026
APPROVED -	MAF	REVIS			
PLOT SCALE =	0:2" = 1'-0"	DRAWN -	HB	REVIS	
PLOT DATE =	8/24/2026	CHECKED -	MAF	REVIS	

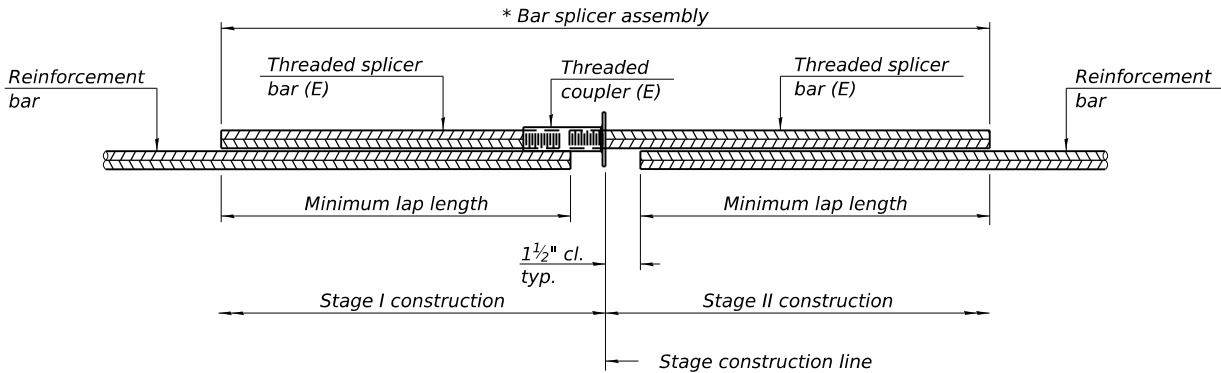
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER SECTIONS & DETAILS
STRUCTURE NO. 046-0154

SHEET SU-60 OF SU-72 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	745
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

3 REV. 9/4/26



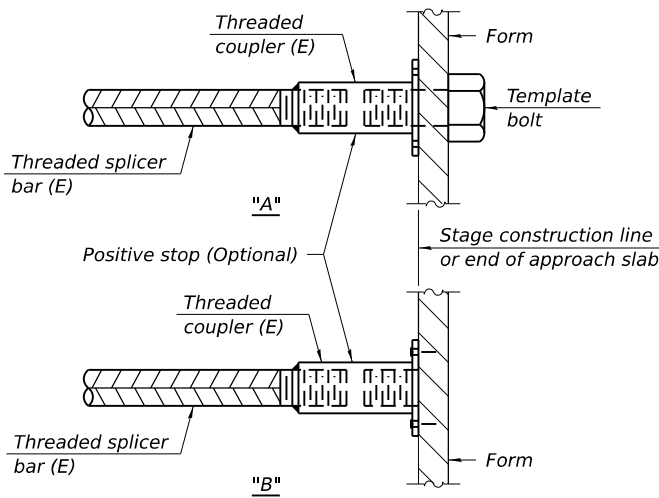
STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar Size	No. assemblies	Minimum lap length
Deck - Top	#5	2522	3'-5"
Deck- Bottom	#5	3-1682	3'-10"
Bridge Approach Slab	#5	222	2'-5"
Abut. Diaphragms	#6	60	4'-1"
Abutment Caps	#5	8	3'-5"
Abutment Caps	#7	20	5'-3"
Pier Cap	#6	16	3'-9"
Pier Cap	#9	20	10'-0"
Pier Cap	#10	16	10'-0"
Pier Footing	#6	42	3'-9"
Pier Footing	#8	32	5'-6"
Pier Crashwall	#7	50	5'-0"

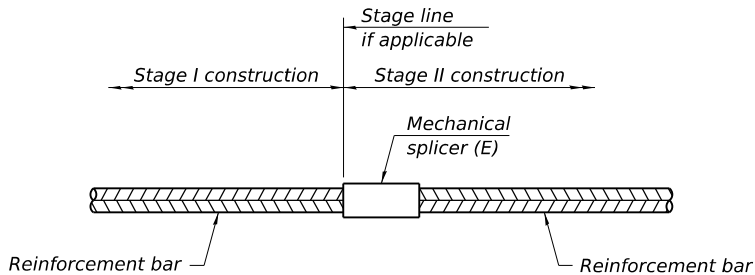


INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

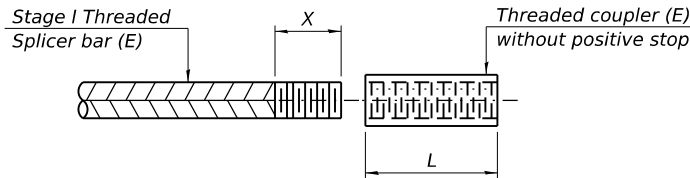
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



THREADING OF ASSEMBLIES

The threaded length "X" shall be no more than L/2. The bar should be tightened until 0-1 thread(s) is/are exposed.

Notes:
Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
All reinforcement shall be lapped and tied to the splicer bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

4-4-2025



USER NAME = ERWINCC	DESIGNED - CCE	REVISED - 3 9/1/2026
	APPROVED - MAF	REVISED -
PLOT SCALE = 0.16666633 ' / IN.	DRAWN - MSH	REVISED -
PLOT DATE = 9/1/2026	CHECKED - MAF	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY
STRUCTURE NO. 046-0154

SHEET SU-62 OF SU-72 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	747
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

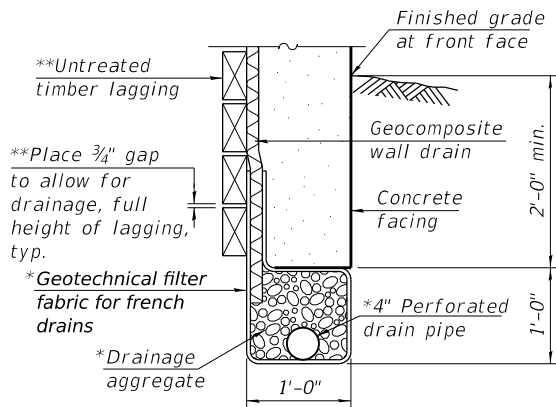
GENERAL NOTES

- Stations and offsets are measured from $\bar{C}$ F.A.I. 57 to Front Face of Wall unless otherwise noted.
- Reinforcement bars designated (E) shall be epoxy coated.
- The wall is chorded between end points and kink points.
- All exposed concrete edges shall have a standard $\frac{3}{4}$ " chamfer unless noted otherwise. Chamfer on vertical edges shall be continued a minimum of one foot below finished ground level.
- The Contractor is responsible for the design and performance of the lagging using no less than a 3 in. nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1000 psi.
- Concrete Sealer shall be applied to the front face and top of facing.
- No construction joints except those shown on the plans shall be allowed unless approved by the engineer.
- It shall be the contractor's responsibility to verify the location of all utilities prior to starting construction.
- Contact J.U.L.I.E., 800-892-0123.
- No field welding is permitted except as specified in the contract documents.

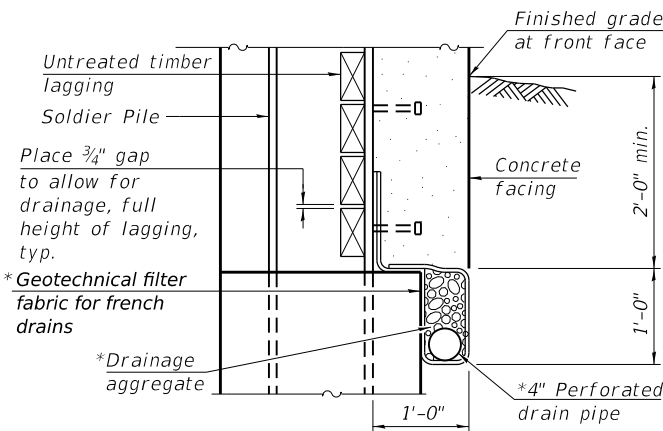
SEQUENCE OF CONSTRUCTION

The east half of the proposed bridge over IL-17 will be constructed during the I-57 mainline stage to construct the northbound lanes. The traffic during this stage will be carried on the existing bridge. The west half of the proposed bridge and the Ramp D retaining wall will be constructed during the I-57 mainline stage to construct the southbound lanes. Within this stage, the construction of the bridge will precede the construction of the wall. The traffic during this stage will be carried on the newly constructed half of the proposed bridge.

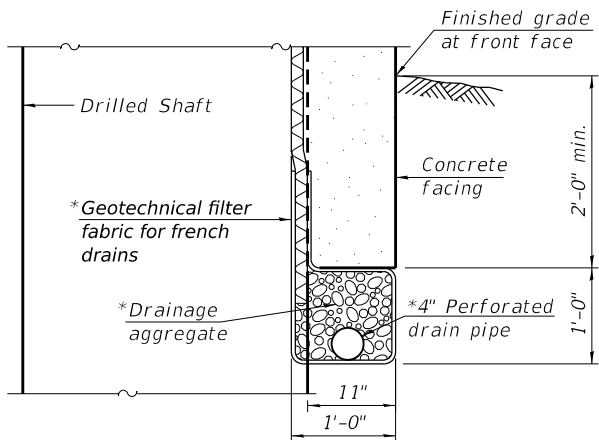
- * Included in the cost of Pipe Underdrains for Structures 4".
- ** Plywood backform in-place of untreated timber lagging between Drilled Shafts.
- *** See Sheet SD-12 of SD-20 for Soldier Pile Table and Drilled Shaft Table.
- **** Varies ($\pm 5'-8\frac{3}{4}"$ Minimum, $\pm 7'-0\frac{1}{8}"$ Maximum)



UNDERDRAIN DETAILS BETWEEN SOLDIER PILES OR DRILLED SHAFTS



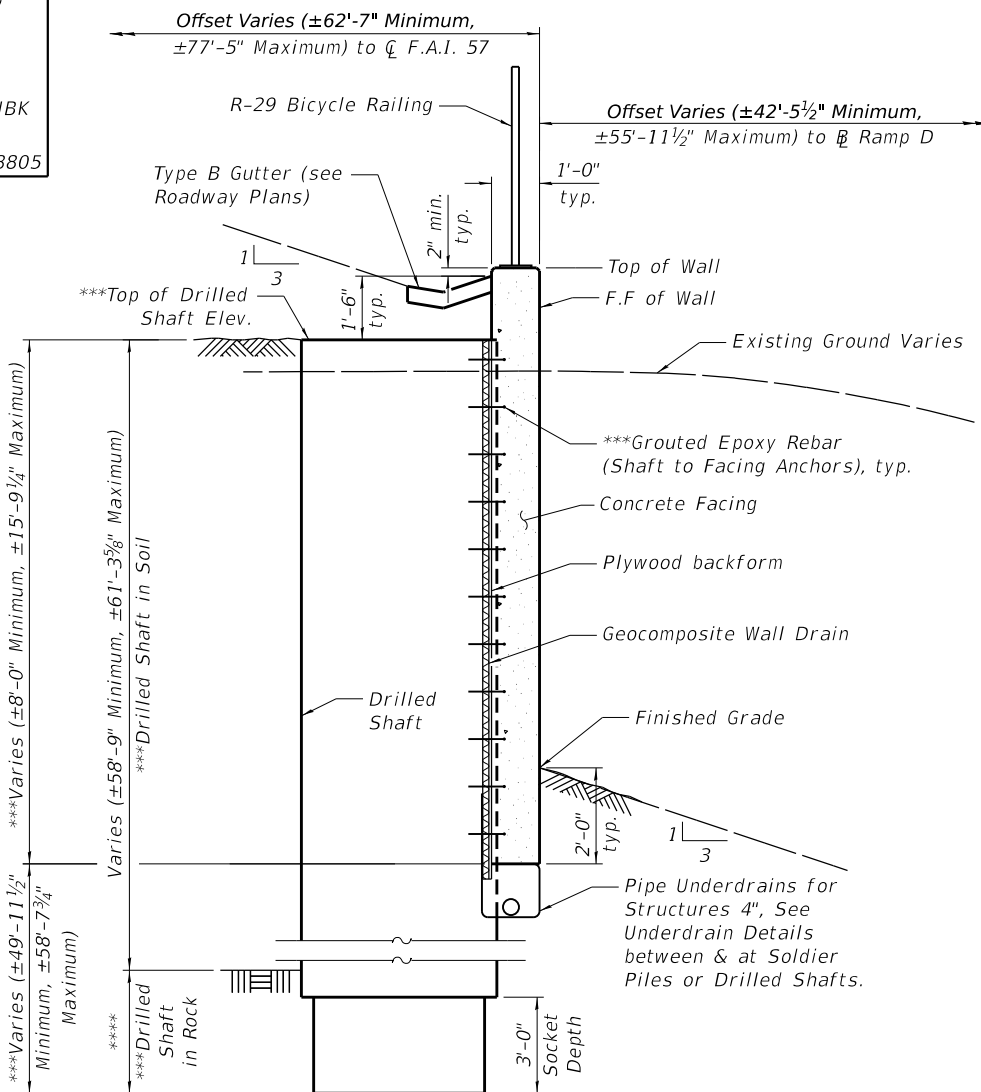
UNDERDRAIN DETAILS AT SOLDIER PILES



UNDERDRAIN DETAILS AT DRILLED SHAFTS

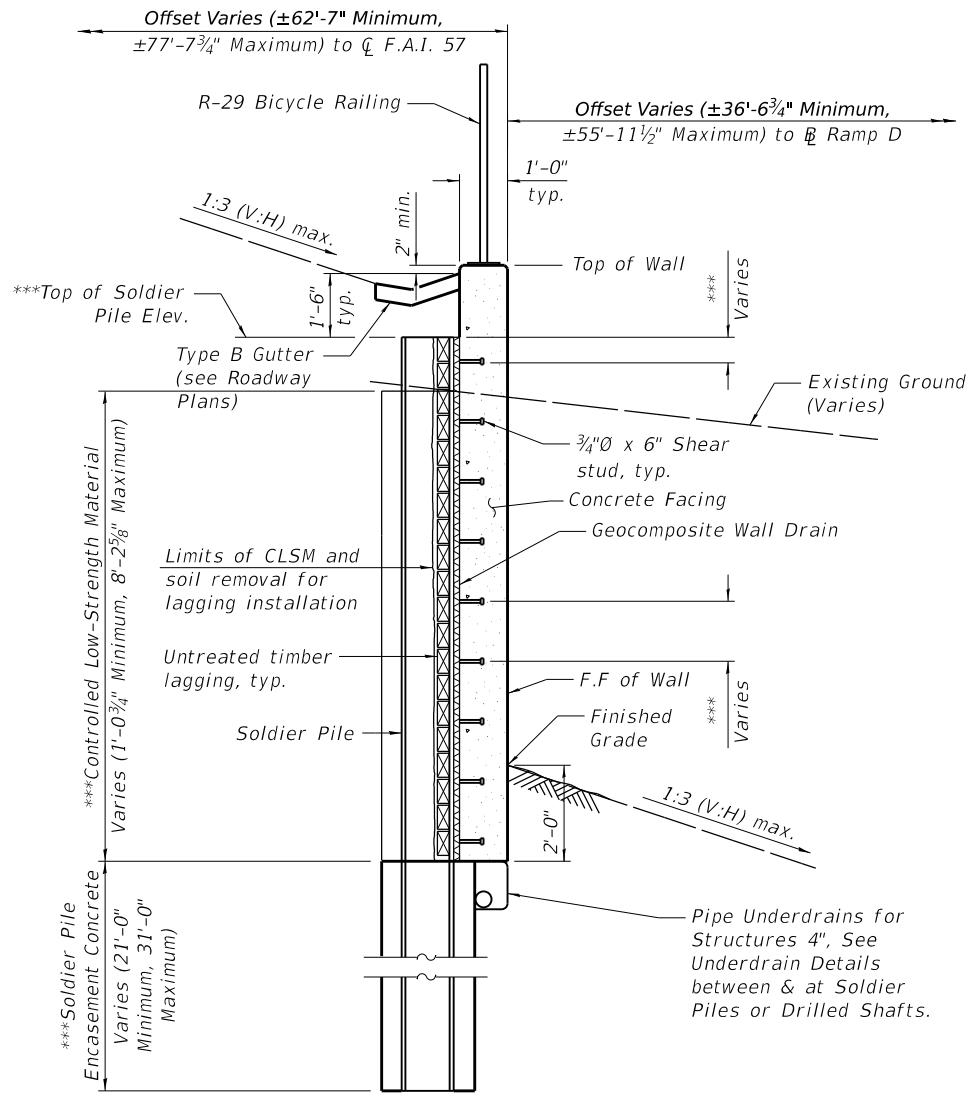
STATION 193+61 TO
STATION 199+44
BUILT 202 BY
STATE OF ILLINOIS
F.A.I. 57 Sec. (46-3) HBK
LOADING HL-93
STRUCTURE NO. 046-W8805

NAME PLATE
See Std. 515001



TYPICAL DRILLED SHAFT WALL SECTION

TOTAL BILL OF MATERIAL		
ITEM	UNIT	TOTAL
Structure Excavation	Cu. Yd.	280.0
Concrete Structures	Cu. Yd.	148.9
Stud Shear Connectors	Each	610
Reinforcement Bars, Epoxy Coated	Pound	202,190
Mechanical Splicers	Each	624
Bicycle Railing	Foot	598
Name Plates	Each	1
Drilled Shaft in Soil	Cu. Yd.	725.2
Drilled Shaft in Rock	Cu. Yd.	69.0
Furnishing Soldier Piles (W Section)	Foot	1,573
Drilling and Setting Soldier Piles (in Soil)	Cu. Ft.	6,671
Untreated Timber Lagging	Sq. Ft.	1,439
Concrete Sealer	Sq. Ft.	4,089
Geocomposite Wall Drain	Sq. Yd.	336
Pipe Underdrains for Structures 4"	Foot	617



TYPICAL SOLDIER PILE WALL SECTION

MODEL: \$MODELNAMES
FILE NAME: \$FILES

Kaskaskia
Engineering Group, LLC
201 E. Main St., Suite 100
Bellaire, Illinois 62009
618.233.2877 phone
618.233.2877 fax
www.kaskaskiaeng.com
Illinois Professional Design Firm
Professional Engineering Group
1-800-942-7662
10-0000000

USER NAME =
PLOT SCALE =
PLOT DATE =

DESIGNED - MLC
CHECKED - MMC
DRAWN - MLC
CHECKED - MMC

REVISED - 9/1/2026
REVISED -
REVISED -
REVISED -

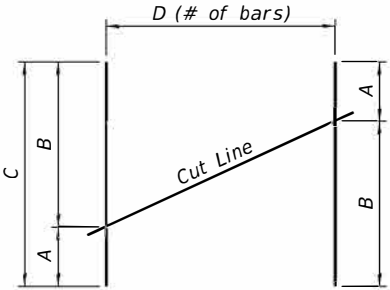
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 046-W8805

SHEET SD-2 OF SD-20 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3) HBK	KANKAKEE	1183	778
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

REV. 9/4/26



FIELD CUTTING DIAGRAM

Order full length. Cut as shown and use remainder of bars in opposite face of wall.

Bar	A	B	C	D
h1(E)	4'-6"	25'-4"	29'-10"	11
h17(E)	2'-2 3/4"	11'-7 1/4"	13'-10"	4
v(E)	2'-4 3/4"	11'-4 1/4"	13'-9"	24
v2(E)	15'-2 1/2"	17'-4 1/2"	32'-7"	31
v3(E)	11'-8 1/2"	15'-2 1/2"	26'-11"	59
v4(E)	9'-2"	11'-8"	20'-10"	29
v5(E)	8'-6 1/2"	11'-9 1/2"	20'-4"	15
v6(E)	8'-8 1/2"	9'-1 1/2"	17'-10"	16
v7(E)	8'-3"	8'-8"	16'-11"	16
v8(E)	7'-9 1/2"	8'-2 1/2"	16'-0"	16
v9(E)	7'-4 1/2"	7'-9 1/2"	15'-2"	16
v10(E)	6'-9 3/4"	7'-4 1/4"	14'-2"	16
v11(E)	6'-5 3/4"	6'-9 1/4"	13'-3"	16
v12(E)	6'-0 3/4"	6'-5 1/4"	12'-6"	16
v13(E)	5'-8 1/2"	6'-0 1/2"	11'-9"	16
v14(E)	5'-4"	5'-8"	11'-0"	16
v15(E)	4'-11 1/2"	5'-3 1/2"	10'-3"	16
v16(E)	4'-7"	4'-11"	9'-6"	16
v17(E)	4'-2 1/2"	4'-6 1/2"	8'-9"	16
v18(E)	3'-7"	4'-2"	7'-9"	31
v19(E)	3'-4"	3'-7"	6'-11"	31



BAR BENDING DIAGRAM

Bar	E	F	G	H
d101(E)	1'-4"	0'-1 5/8"	1'-0 7/8"	1'-1"
h(E)	25'-10"	2'-0 3/8"	0'-11 3/8"	2'-3"

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d101(E)	618	#5	2'-5"	
h(E)	2	#5	28'-1"	
h1(E)	11	#5	29'-10"	
h2(E)	2	#5	18'-3"	
h3(E)	2	#5	4'-6"	
h4(E)	2	#5	25'-8"	
h5(E)	36	#5	30'-0"	
h6(E)	2	#5	15'-4"	
h7(E)	60	#5	31'-3"	
h8(E)	4	#5	26'-1"	
h9(E)	4	#5	38'-8"	
h10(E)	4	#5	32'-6"	
h11(E)	4	#5	26'-5"	
h12(E)	2	#5	36'-11"	
h13(E)	2	#5	24'-9"	
h14(E)	2	#5	12'-6"	
h15(E)	6	#5	31'-4"	
h16(E)	2	#7	13'-11"	
h17(E)	4	#7	13'-10"	
h18(E)	24	#7	13'-7"	
h19(E)	56	#5	46'-8"	
h20(E)	92	#6	47'-1"	
h21(E)	20	#6	42'-4"	
*sp101(E)	2	#5	65'-5"	W W W W
*sp102(E)	5	#5	65'-4"	W W W W
*sp103(E)	1	#5	65'-3"	W W W W
*sp104(E)	1	#5	65'-6"	W W W W
*sp105(E)	1	#5	65'-7"	W W W W
*sp106(E)	1	#5	65'-9"	W W W W
*sp107(E)	1	#5	65'-10"	W W W W
*sp108(E)	1	#5	65'-11"	W W W W
*sp109(E)	1	#5	66'-0"	W W W W
*sp110(E)	1	#5	66'-2"	W W W W
*sp111(E)	1	#5	66'-3"	W W W W
*sp112(E)	3	#5	66'-4"	W W W W
*sp113(E)	3	#5	66'-5"	W W W W
*sp114(E)	2	#5	66'-6"	W W W W
*sp115(E)	1	#5	68'-0"	W W W W
*sp116(E)	1	#5	66'-9"	W W W W

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
v(E)	24	#5	13'-9"	
v1(E)	6	#5	11'-7"	
v2(E)	31	#5	32'-7"	
v3(E)	59	#5	26'-11"	
v4(E)	29	#5	20'-10"	
v5(E)	15	#5	20'-4"	
v6(E)	16	#5	17'-10"	
v7(E)	16	#5	16'-11"	
v8(E)	16	#5	16'-0"	
v9(E)	16	#5	15'-2"	
v10(E)	16	#5	14'-2"	
v11(E)	16	#5	13'-3"	
v12(E)	16	#5	12'-6"	
v13(E)	16	#5	11'-9"	
v14(E)	16	#5	11'-0"	
v15(E)	16	#5	10'-3"	
v16(E)	16	#5	9'-6"	
v17(E)	16	#5	8'-9"	
v18(E)	31	#5	7'-9"	
v19(E)	31	#5	6'-11"	
v20(E)	62	#5	3'-2"	
v21(E)	62	#5	3'-0"	
v22(E)	62	#5	2'-10"	
v23(E)	62	#5	2'-8"	
v24(E)	62	#5	2'-6"	
v25(E)	62	#5	2'-4"	
v26(E)	44	#5	2'-2"	
v100(E)	624	#9	35'-0"	
v101(E)	48	#9	30'-5"	
v102(E)	120	#9	30'-4"	
v103(E)	24	#9	30'-3"	
v104(E)	24	#9	30'-6"	
v105(E)	24	#9	30'-7"	
v106(E)	24	#9	30'-9"	
v107(E)	24	#9	30'-10"	
v108(E)	24	#9	30'-11"	
v109(E)	24	#9	31'-0"	
v110(E)	24	#9	31'-2"	
v111(E)	24	#9	31'-3"	
v112(E)	72	#9	31'-4"	
v113(E)	72	#9	31'-5"	
v114(E)	48	#9	31'-6"	
v115(E)	24	#9	33'-0"	
v116(E)	24	#9	31'-9"	

Structure Excavation	Cu. Yd.	280
Concrete Structures	Cu. Yd.	148.9
Stud Shear Connectors	Each	610
Reinforcement Bars, Epoxy Coated	Pound	202,190
Drilled Shaft in Soil	Cu. Yd.	725.2
Drilled Shaft in Rock	Cu. Yd.	69.0
Furnishing Soldier Piles (W Section)	Foot	1,573
Drilling and Setting Soldier Piles (in Soil)	Cu. Ft.	6,671
Untreated Timber Lagging	Sq. Ft.	1,439
Concrete Sealer	Sq. Ft.	4,089

* Length is height of spiral.

MODEL: \$MODELNAME\$
FILE NAME: \$FILE\$



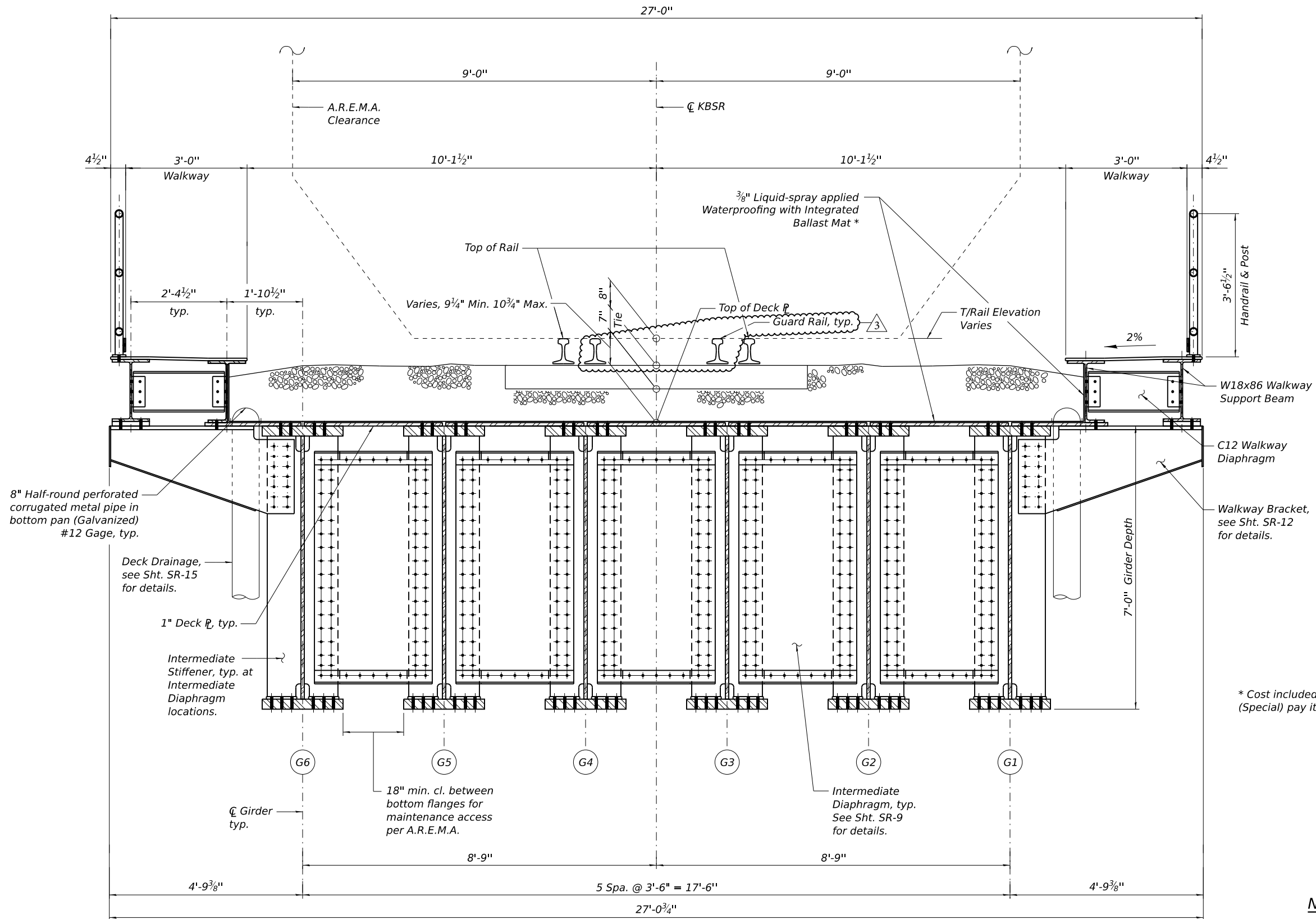
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CHECKED - MMC	REVISED -	
PLOT SCALE =	DRAWN - MLC	REVISED -
PLOT DATE =	CHECKED - MMC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REINFORCEMENT DETAILS & BILL OF MATERIAL
STRUCTURE NO. 046-W8805

SHEET SD-11 OF SD-20 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3) HBK	KANKAKEE	1183	787
CONTRACT NO. 66863				
ILLINOIS		FED. AID PROJECT		



TYPICAL CROSS SECTION
Looking Downstation

* Cost included under Membrane Waterproofing (Special) pay item. See special provisions.

NOTE:

1. All structural steel shall be AASHTO M270 Grade 50.

MODEL: 2D SHEET 11
FILE NAME: C:\PWA\WORK\EXP\RW.BENTLEY.COM\EXP\RW\10469904\66863-008-SUPERSTRSECT.DGN



USER NAME = ERWINCC	DESIGNED - CCE	REVISED - 3/9/2026
PLOT SCALE = 0.16666633' / IN.	APPROVED - KK	REVISED -
PLOT DATE = 9/1/2026	DRAWN - HBJ	REVISED -
	CHECKED - KK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE CROSS SECTION
STRUCTURE NO. 046-9904

SHEET SR-8 OF SR-49 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	804
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. Noise Abatement Wall drilled shaft foundation diameter, depth and spacing to be determined by the Contractor. Spacing shall not exceed 20 ft.
2. Contractor shall verify location of existing utilities prior to construction. Contractor shall locate drilled shafts to provide at least 5 feet clearance to existing and proposed underground utilities. Damage to any utilities shall be repaired by the Contractor at no additional cost to the Department.
3. Contractor shall follow the requirments of Special Provision "Noise Abatment Wall, Ground Mounted" for material fabrication, construction and erection of the proposed Noise Abatement Wall.
4. Wall stations and offsets are measured relative to CL I-57 and are measured to the centerline of wall.
5. Contractor shall provide Ashlar Stone Finish on both sides of the Noise Abatement Wall. For details see sheet A1-4.
6. Any rock excavation required for noise wall construction will not be paid for separately and will be included with Noise Abatement Wall, Ground Mounted. Based on the estimated top of rock elevations in the soil boring logs, rock excavation will only be required for construction of the drilled shafts.
7. 4 Inch diameter weep holes shall be provided at ground level in the bottom panels of the wall at a spacing of 8 ft.
8. When designing the shaft foundation dimensions, the contractor shall assume an effective unit weight of 70 pcf, a friction angle of 30°and a cohesion intercept of 0 ksf.
9. NAW denotes Noise Abatement Wall.
10. B.F. denotes Back Face.
11. F.F. denotes Front Face.

CURVE DATA

PR CURVE PR_I57-1
PI STA = 167+24.69
 $\Delta = 01^{\circ}40'00''$ (LT)
 $D = 00^{\circ}17'11''$
 $R = 20,000.00'$
 $T = 290.91'$
 $L = 581.78'$
 $E = 2.12'$
PC STA = 164+33.78
PT STA = 170+15.55

DESIGN STRESSES

FIELD UNITS

$f'c = 4,000$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (Struct. Steel, M270 Grade 50, posts)
 $f_y = 36,000$ psi (Struct. Steel, M270 Grade 36, all other structural steel)

PRECAST UNITS

$f'c = 4,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN LOADS

Factored Strength III or V Wind: 35 psf
Factored Service I Wind: 15 psf

*Max. Factored Service I active earth pressure: 350 psf
(based on equivalent fluid pressure of 55 psf)
*Factored Service I live load surcharge load: 110 psf

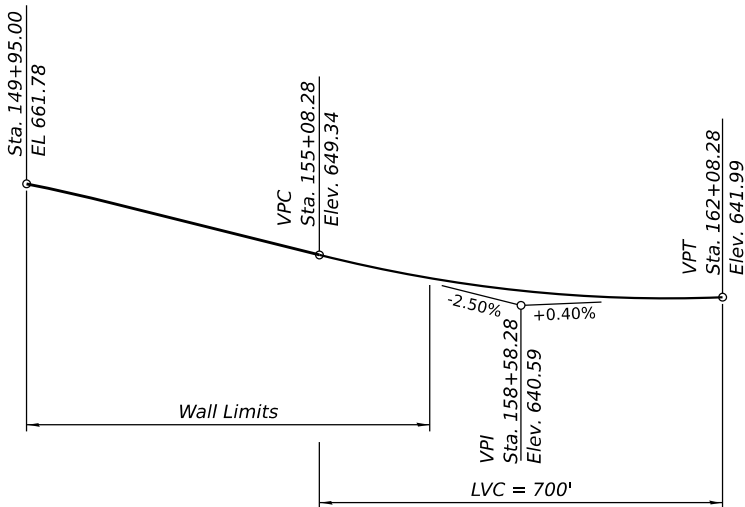
*The noise wall will retain a variable fill height (minimum 8") that will depend upon panel length or post spacing and shall be designed for the given earth pressures.

INDEX OF SHEETS

A1-1 General Plan and Elevation
A1-2 Noise Wall Details 1
A1-3 Noise Wall Details 2
A1-4 Noise Wall Details 3

LEGEND

	Exist. Underground Telephone
	Exist. Underground Electric
	Exist. Underground Gas
	Exist. Underground Fiber Optic
	Exist. Underground Cable TV
	Exist. Underground Water
	Exist. Underground Oil
	Exist. Access Control and ROW
	Exist. Aerial Line
	Exist. Guardrail
	Exist. Storm Sewer
	Exist. Lighting
	Prop. Access Control and ROW Fence
	Prop. Guardrail
	Prop. Storm Sewer
	Prop. Temporary Easement
	Prop. Permanent Easement
	Prop. Underdrain
	Prop. Drainage
	Prop. Drainage Flow
	Prop. Lighting
	Boring



PROFILE GRADE I-57

(Proposed F.A.I. 57 NB & SB)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Name Plates	Each	1
Noise Abatement Wall, Ground Mounted	Sq. Ft.	11,912

NOISE REDUCTION DATA

Noise Wall	Noise Wall Str. No.	Face	From Sta.	To Sta.	Noise Reduction Coefficient	Comments
A1	046-N5745	I-57 face	149+95.00	157+00.00	Absorptive - 0.8 min.	-
		residential face			Absorptive - 0.65 min.	-

NOISE WALL DATA TABLE

Station	Offset (Rt.) to CL of Wall (ft)	Theoretical Top of NAW Elev.	I-57 Profile Elev.	Finished Grade Elev. at Front Face of NAW	Finished Grade Elev. at Back Face of NAW	Existing Grade Elev. at Front Face of NAW	Theoretical Bottom of NAW Elev.	Theoretical Wall Height (ft)
149+95.00	57.00	676.67	661.78	660.67	660.45	660.56	659.78	16.89
150+00.00	57.00	676.57	661.68	660.57	660.35	660.46	659.68	16.89
150+50.00	57.00	676.12	660.63	660.12	659.90	660.08	659.23	16.89
151+00.00	57.00	674.15	659.50	658.15	657.93	658.04	657.26	16.89
151+50.00	57.00	673.12	658.30	657.12	656.90	657.01	656.23	16.89
152+00.00	57.00	671.87	657.05	655.87	655.65	655.76	654.98	16.89
152+50.00	57.00	670.73	655.80	654.73	654.51	654.62	653.84	16.89
153+00.00	57.00	669.51	654.55	653.51	653.29	653.40	652.62	16.89
153+50.00	57.00	668.24	653.30	652.24	652.02	652.13	651.35	16.89
154+00.00	57.00	666.97	652.05	650.97	650.75	650.86	650.08	16.89
154+50.00	57.00	665.93	650.80	649.93	649.71	649.82	649.04	16.89
154+93.07	57.00	664.07	649.72	648.07	647.85	648.61	647.18	16.89
155+00.00	57.28	663.97	649.55	647.97	647.75	648.38	647.08	16.89
155+50.00	59.28	663.17	648.33	647.17	646.95	646.20	646.28	16.89
156+00.00	61.28	662.28	647.22	646.28	646.06	644.21	645.39	16.89
156+50.00	63.28	661.23	646.21	645.23	645.01	642.26	644.34	16.89
157+00.00	65.28	660.27	645.31	644.27	644.05	640.27	643.38	16.89



USER NAME	= SALASL
PLOT SCALE	= 0.16666633 ' / IN.
PLOT DATE	= 8/24/2026

DESIGNED	- TH
APPROVED	- TH
DRAWN	- LS
CHECKED	- TH

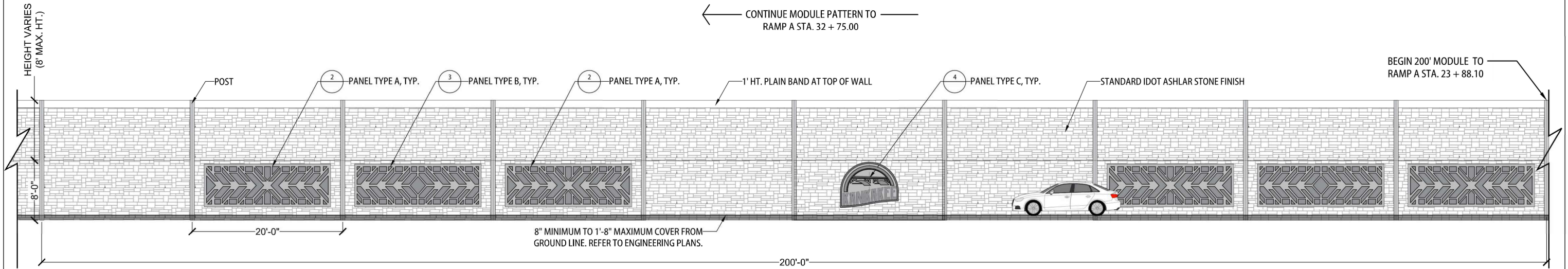
REVISED	- 9/1/2026
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

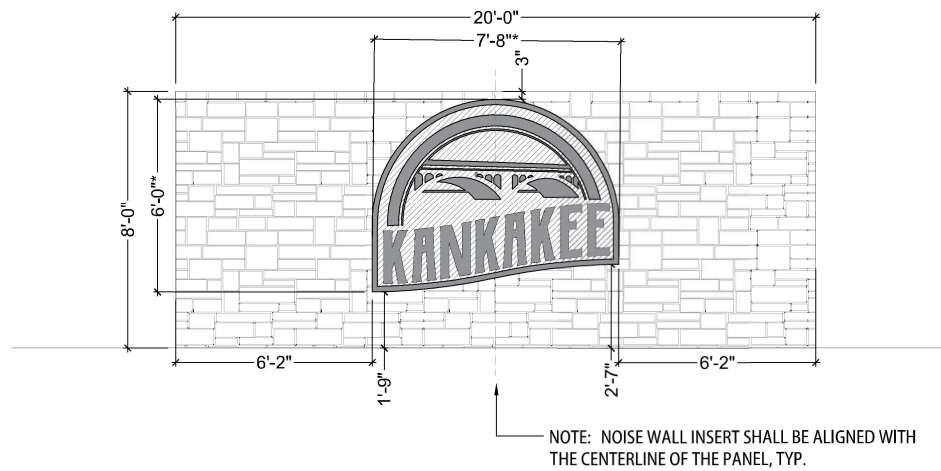
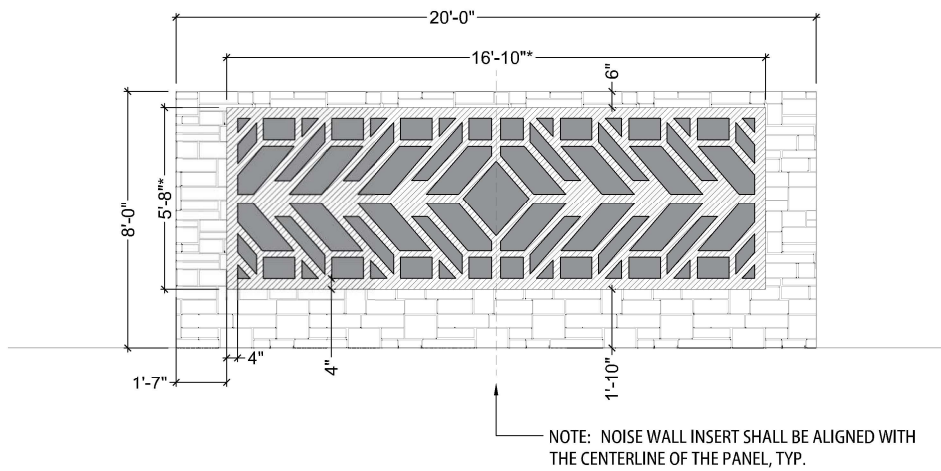
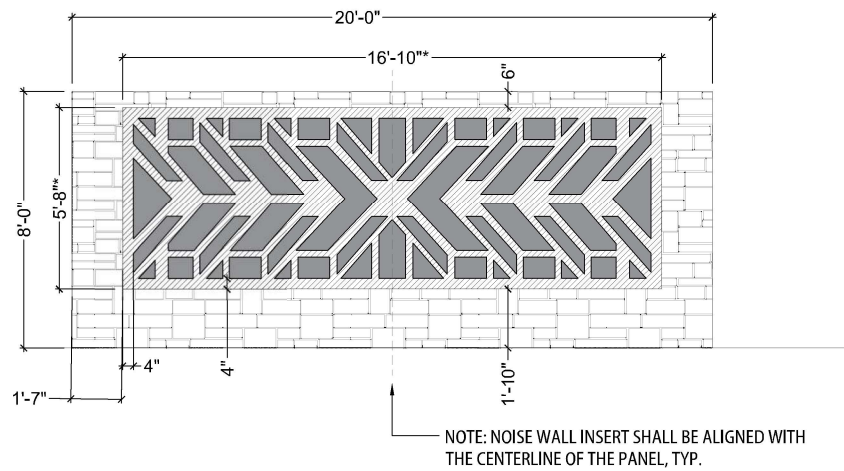
SN 046-N5745 (NOISE WALL A1)
NOISE WALL DETAILS 1

SHEET A1-2 OF A1-4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	861
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				



1 FORM LINER TEXTURED SURFACE, NOISE WALL INSERT
WALL A2/ABE: TYPICAL 200' MODULE (I-57 FACING SIDE ONLY)
SCALE: NTS



2 FORM LINER TEXTURED SURFACE, NOISE WALL INSERT, PANEL TYPE A
SCALE: NTS

- 1" PROTRUDING
- FLUSH WITH FRONT FACE OF ASHLAR PATTERN WALL
- FRONT FACE (VERTICAL FACE OF ASHLAR PATTERN WALL)

NOTES:

- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS, COLOR SAMPLES AND MOCKUPS FOR CITY REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION. CONTRACTOR SHALL PROVIDE 5 COLOR SAMPLES FROM MANUFACTURER'S STANDARD OFFERINGS FOR REVIEW AND SELECTION.
- CONTRACTOR TO COORDINATE WITH IDOT ON INSTALLATION. THE COLOR OF ALL NOISE WALLS, BOTH SIDES OF THE PANELS, TOP BAND, STEEL COLUMNS, AND ALL OTHER VISIBLE ELEMENTS SHALL BE BUFF/TAN AS SELECTED BY THE CITY DURING COLOR SAMPLES REVIEW.
- ALL EXPOSED SURFACES OF NOISE WALLS ASSOCIATED WITH THIS PROJECT SHALL RECEIVE RANDOM ASHLAR STONE PATTERN BY ONE OF THE MANUFACTURERS LISTED ON THIS SHEET, OR APPROVED EQUAL.
- CUSTOM PANEL INSERTS SHALL BE PROVIDED AS SHOWN.
- CITY SIGN FONT SHALL BE BERG REGULAR, AS SHOWN
- REFER TO ENGINEERING DRAWINGS AND VERIFY ALL DIMENSIONS.
- ALL AESTHETIC FINISHES SHALL BE COORDINATED WITH THE ENGINEERING DRAWINGS.
- CADD FILES WILL BE PROVIDED BY THE CONSULTANT TO THE CONTRACTOR IN AUTOCAD FORMAT.

3 FORM LINER TEXTURED SURFACE, NOISE WALL INSERT, PANEL TYPE B
SCALE: NTS

4 FORM LINER TEXTURED SURFACE, NOISE WALL INSERT, PANEL TYPE C
SCALE: NTS

* PAY LIMITS FOR FORM LINER TEXTURED SURFACE, NOISE WALL INSERT

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
FORM LINER TEXTURED SURFACE, NOISE WALL INSERT	SQ. FT.	2,802

USER NAME =	DESIGNED - CAL/LEC	REVISED -
	DRAWN - LEC	REVISED -
PLOT SCALE =	CHECKED - JM	REVISED -
PLOT DATE = 3/12/2026	DATE - 2/18/2026	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	870
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. Noise Abatement Wall drilled shaft foundation diameter, depth and spacing to be determined by the Contractor. Spacing shall not exceed 20 ft.
2. Contractor shall verify location of existing utilities prior to construction. Contractor shall locate drilled shafts to provide at least 5 feet clearance to existing and proposed underground utilities. Damage to any utilities shall be repaired by the Contractor at no additional cost to the Department.
3. Contractor shall follow the requirements of Special Provision "Noise Abatement Wall, Ground Mounted" for material fabrication, construction and erection of the proposed Noise Abatement Wall.
4. Wall stations and offsets are measured relative to CL I-57 and are measured to the centerline of wall.
5. Contractor shall provide Ashlar Stone Finish on both sides of the Noise Abatement Wall. For details see sheet M-4.
6. Any rock excavation required for noise wall construction will not be paid for separately and will be included with Noise Abatement Wall, Ground Mounted. Based on the estimated top of rock elevations in the soil boring logs, rock excavation will only be required for construction of the drilled shafts.
7. 4 Inch diameter weep holes shall be provided at ground level in the bottom panels of the wall at a spacing of 8 ft.
8. When designing the shaft foundation dimensions, the contractor shall assume an effective unit weight of 70 pcf, a friction angle of 30°and a cohesion intercept of 0 ksf.
9. NAW denotes Noise Abatement Wall.
10. B.F. denotes Back Face.
11. F.F. denotes Front Face.

INDEX OF SHEETS

- M-1 General Plan and Elevation
- M-2 Noise Wall Details 1
- M-3 Noise Wall Details 2
- M-4 Noise Wall Details 3

LEGEND

- T

Exist. Underground Telephone
- E

Exist. Underground Electric
- G

Exist. Underground Gas
- FO

Exist. Underground Fiber Optic
- CTV

Exist. Underground Cable TV
- W

Exist. Underground Water
- O

Exist. Underground Oil
- AC

Exist. Access Control and ROW
- A

Exist. Aerial Line
- Exist. Guardrail
- Exist. Storm Sewer
- Exist. Lighting
- AC

Prop. Access Control and ROW Fence
- Prop. Guardrail
- Prop. Storm Sewer
- Prop. Temporary Easement
- Prop. Permanent Easement
- Prop. Underdrain
- Prop. Drainage
- Prop. Drainage Flow
- Prop. Lighting
- Boring

CURVE DATA

PR CURVE PR I57-3
PI STA = 221+05.20
 $\Delta = 01^{\circ}11'49"$ (LT)
 $D = 00^{\circ}17'11"$
 $R = 20,000.00'$
 $T = 208.93'$
 $L = 417.84'$
 $E = 1.09'$
PC STA = 218+96.28
PT STA = 223+14.11

DESIGN STRESSES

FIELD UNITS

$f_c = 4,000$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (Struct. Steel, M270 Grade 50, posts)
 $f_y = 36,000$ psi (Struct. Steel, M270 Grade 36, all other structural steel)

PRECAST UNITS

$f_c = 4,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN LOADS

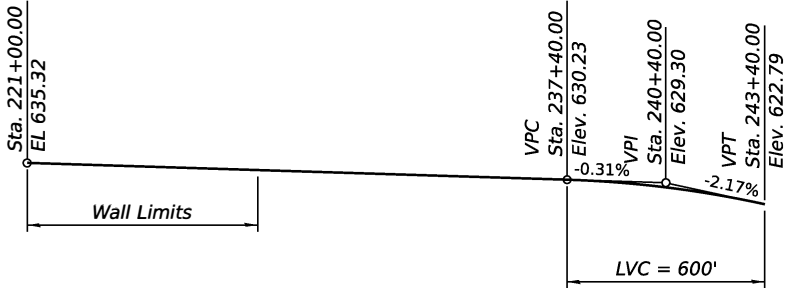
Factored Strength III or V Wind: 35 psf
Factored Service I Wind: 15 psf

*Max. Factored Service I active earth pressure: 350 psf
(based on equivalent fluid pressure of 55 psf)
*Factored Service I live load surcharge load: 110 psf

* The noise wall will retain a variable fill height (minimum 8") that will depend upon panel length or post spacing and shall be designed for the given earth pressures.

PROFILE GRADE I-57

(Proposed F.A.I. 57 NB & SB)



BILL OF MATERIAL

ITEM	UNIT	TOTAL
Name Plates	Each	1
Noise Abatement Wall, Ground Mounted	Sq. Ft.	15,660

NOISE REDUCTION DATA

Noise Wall	Noise Wall Str. No.	Face	From Sta.	To Sta.	Noise Reduction Coefficient	Comments
M	046-N5739	I-57 face	221+00.00	228+00.00	Absorptive - 0.8 min.	-
		residential face			Absorptive - 0.65 min.	-

NOISE WALL DATA TABLE

Station	Offset (Rt.) to CL of Wall (ft)	Theoretical Top of NAW Elev.	I-57 Profile Elev.	Finished Grade Elev. at Front Face of NAW	Finished Grade Elev. at Back Face of NAW	Existing Grade Elev. at Front Face of NAW	Theoretical Bottom of NAW Elev.	Theoretical Wall Height (ft)
221+00.00	202.00	684.13	635.31	663.63	663.40	662.85	662.73	21.39
221+50.00	202.00	684.31	635.16	663.81	663.59	663.03	662.92	21.39
222+00.00	202.00	684.13	635.00	663.63	663.41	662.85	662.74	21.39
222+50.00	202.00	684.47	634.85	663.97	663.75	663.20	663.08	21.39
223+00.00	202.00	685.35	634.69	664.85	664.63	664.07	663.96	21.39
223+50.00	202.00	685.58	634.54	665.08	664.86	664.30	664.19	21.39
224+00.00	202.00	686.06	634.38	665.56	665.34	664.78	664.67	21.39
224+50.00	202.00	686.44	634.23	665.94	665.72	665.17	665.05	21.39
225+00.00	202.00	686.21	634.07	665.71	665.49	664.94	664.82	21.39
225+05.00	202.00	686.40	634.06	665.90	665.68	664.75	665.01	21.39
225+50.00	186.14	680.29	633.92	659.79	659.57	659.02	658.90	21.39
226+00.00	168.52	672.58	633.76	652.08	651.86	651.30	651.19	21.39
226+10.00	165.00	672.12	633.73	651.62	651.40	650.84	650.73	21.39
226+50.00	165.00	671.77	633.61	651.27	651.04	650.49	650.37	21.39
227+00.00	165.00	671.40	633.45	650.90	650.68	650.13	650.01	21.39
227+50.00	126.92	663.83	633.30	643.33	643.10	650.99	642.43	21.39
228+00.00	88.84	653.60	633.14	633.10	632.88	648.59	632.21	21.39



USER NAME = SALASL	DESIGNED - TH	REVISED - 9/1/2026
	APPROVED - TH	REVISED -
PLOT SCALE = 0.16666633 ' / IN.	DRAWN - LS	REVISED -
PLOT DATE = 8/24/2026	CHECKED - TH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 046-N5739 (NOISE WALL M)
NOISE WALL DETAILS 1

SHEET M-2 OF M-4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	[(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	878
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. Noise Abatement Wall drilled shaft foundation diameter, depth and spacing to be determined by the Contractor. Spacing shall not exceed 20 ft.
2. Contractor shall verify location of existing utilities prior to construction. Contractor shall locate drilled shafts to provide at least 5 feet clearance to existing and proposed underground utilities. Damage to any utilities shall be repaired by the Contractor at no additional cost to the Department.
3. Contractor shall follow the requirments of Special Provision "Noise Abatment Wall, Ground Mounted" for material fabrication, construction and erection of the proposed Noise Abatement Wall.
4. Wall stations and offsets are measured relative to CL I-57 and are measured to the centerline of wall.
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6. Any rock excavation required for noise wall construction will not be paid for separately and will be included with Noise Abatement Wall, Ground Mounted. Based on the estimated top of rock elevations in the soil boring logs, rock excavation will only be required for construction of the drilled shafts.
7. 4 Inch diameter weep holes shall be provided at ground level in the bottom panels of the wall at a spacing of 8 ft.
8. When designing the shaft foundation dimensions, the contractor shall assume an effective unit weight of 70 pcf, a friction angle of 30°and a cohesion intercept of 0 ksf.
9. NAW denotes Noise Abatement Wall.
10. B.F. denotes Back Face.
11. F.F. denotes Front Face.

CURVE DATA

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PI STA = 221+05.20
 $\Delta = 01^{\circ}11'49''$ (LT)
 $D = 00^{\circ}17'11''$
 $R = 20,000.00'$
 $T = 208.93'$
 $L = 417.84'$
 $E = 1.09'$
PC STA = 218+96.28
PT STA = 223+14.11

DESIGN STRESSES

FIELD UNITS

$f_c = 4,000$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (Struct. Steel, M270 Grade 50, posts)
 $f_y = 36,000$ psi (Struct. Steel, M270 Grade 36, all other structural steel)

PRECAST UNITS

$f_c = 4,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design
Specifications, 9th Edition

DESIGN LOADS

Factored Strength III or V Wind: 35 psf
Factored Service I Wind: 15 psf

*Max. Factored Service I active earth pressure: 350 psf
(based on equivalent fluid pressure of 55 psf)
*Factored Service I live load surcharge load: 110 psf

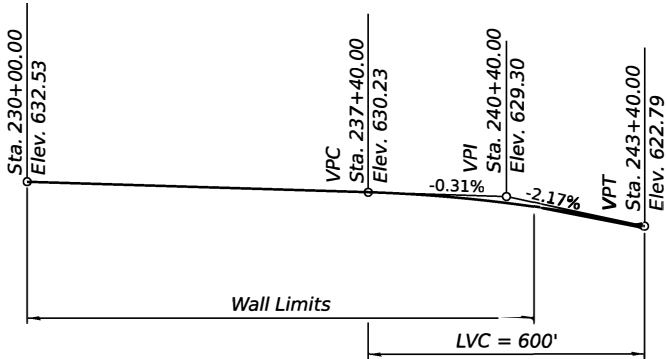
*The noise wall will retain a variable fill height (minimum 8") that will depend upon panel length or post spacing and shall be designed for the given earth pressures.

INDEX OF SHEETS

N-1 General Plan and Elevation
N-2 Noise Wall Details 1
N-3 Noise Wall Details 2
N-4 Noise Wall Details 3

LEGEND

	Exist. Underground Telephone
	Exist. Underground Electric
	Exist. Underground Gas
	Exist. Underground Fiber Optic
	Exist. Underground Cable TV
	Exist. Underground Water
	Exist. Underground Oil
	Exist. Access Control and ROW
	Exist. Aerial Line
	Exist. Guardrail
	Exist. Storm Sewer
	Exist. Lighting
	Prop. Access Control and ROW Fence
	Prop. Guardrail
	Prop. Storm Sewer
	Prop. Temporary Easement
	Prop. Permanent Easement
	Prop. Underdrain
	Prop. Drainage
	Prop. Drainage Flow
	Prop. Lighting
	Boring



PROFILE GRADE I-57

(Proposed F.A.I. 57 NB & SB)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Name Plates	Each	1
Noise Abatement Wall, Ground Mounted	Sq. Ft.	22,140

NOISE REDUCTION DATA

Noise Wall	Noise Wall Str. No.	Face	From Sta.	To Sta.	Noise Reduction Coefficient	Comments
N	046-N5738	I-57 face residential face	230+25.00	241+92.00	Absorptive - 0.8 min. Absorptive - 0.65 min.	-

NOISE WALL DATA TABLE

Station	Offset (Rt.) to CL of Wall (ft)	Theoretical Top of NAW Elev.	I-57 Profile Elev.	Finished Grade Elev. at Front Face of NAW	Finished Grade Elev. at Back Face of NAW	Existing Grade Elev. at Front Face of NAW	Theoretical Bottom of NAW Elev.	Theoretical Wall Height (ft)
230+25.00	92.33	684.03	632.45	666.03	665.81	647.26	665.14	18.89
230+46.60	77.00	663.71	632.38	645.71	645.48	645.59	644.81	18.89
230+50.00	77.00	663.60	632.37	645.60	645.38	644.96	644.71	18.89
231+00.00	77.00	657.26	632.21	639.26	639.04	639.10	638.37	18.89
231+50.00	77.00	656.56	632.06	638.56	638.34	637.91	637.67	18.89
232+00.00	77.00	655.90	631.90	637.90	637.68	637.43	637.01	18.89
232+50.00	77.00	655.24	631.75	637.24	637.02	636.26	636.35	18.89
233+00.00	77.00	654.58	631.59	636.58	636.36	635.35	635.69	18.89
233+50.00	77.00	653.92	631.44	635.92	635.70	634.55	635.03	18.89
234+00.00	77.00	653.27	631.28	635.27	635.05	633.95	634.38	18.89
234+50.00	77.00	652.79	631.13	634.79	634.56	633.40	633.89	18.89
235+00.00	77.00	652.30	630.97	634.30	634.08	633.01	633.41	18.89
235+50.00	77.00	651.81	630.82	633.81	633.59	632.72	632.92	18.89
236+00.00	77.00	651.33	630.66	633.33	633.11	632.24	632.44	18.89
236+50.00	77.00	650.84	630.51	632.84	632.62	631.57	631.95	18.89
237+00.00	77.00	650.42	630.35	632.42	632.19	630.72	631.52	18.89
237+50.00	77.00	650.09	630.20	632.09	631.86	629.77	631.19	18.89
238+00.00	77.00	649.79	629.99	631.79	631.57	628.87	630.90	18.89
238+50.00	77.00	649.50	629.70	631.50	631.28	627.62	630.61	18.89
239+00.00	77.00	648.00	629.34	630.00	629.78	627.32	629.11	18.89
239+50.00	77.00	647.46	628.90	629.46	629.23	626.13	628.56	18.89
240+00.00	77.00	646.96	628.38	628.96	628.74	625.18	628.07	18.89
240+50.00	77.00	646.37	627.78	628.37	628.15	624.43	627.48	18.89
241+00.00	77.00	645.70	627.11	627.70	627.48	623.72	626.81	18.89
241+50.00	77.00	644.94	626.35	626.94	626.71	623.28	626.04	18.89
241+92.00	77.00	644.21	625.66	626.21	625.99	622.63	625.32	18.89



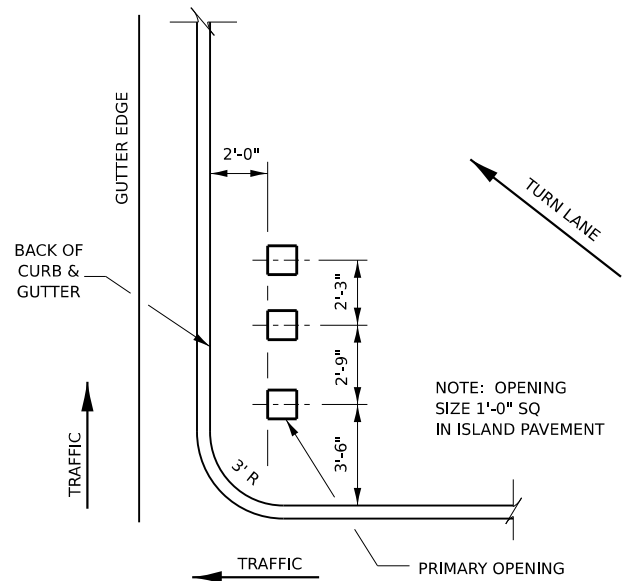
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	APPROVED - TH	REVISED -	
PLOT SCALE = 0.16666633 ' / IN.	DRAWN - LS	REVISED -	
PLOT DATE = 8/24/2026	CHECKED - TH	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 046-N5738 (NOISE WALL N)
NOISE WALL DETAILS 1

SHEET N-2 OF N-4 SHEETS

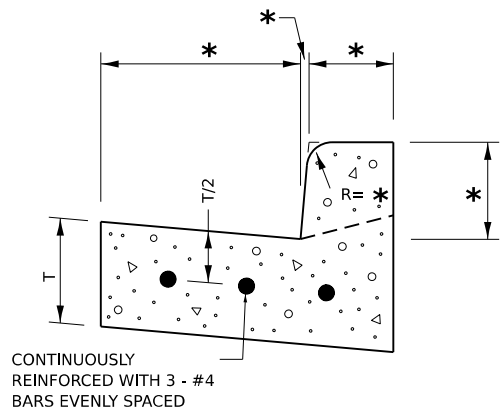
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	1183	882
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				



ISLAND SIGN POST SPACING DETAIL
D3 DETAIL 606-2

NOTE: THE ENGINEER SHALL DETERMINE THE
NUMBER OF OPENINGS REQUIRED.

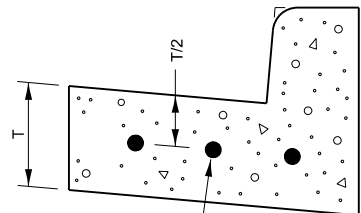
* VARIES - SEE STANDARD 606001



CONTINUOUSLY
REINFORCED WITH 3 - #4
BARS EVENLY SPACED

REINFORCEMENT SHALL NOT BE PAID FOR
SEPARATELY BUT WILL BE INCLUDED IN THE
CONTRACT UNIT PRICE FOR CC&G.

REINFORCEMENT DETAIL
FOR
COMBINATION CONCRETE
CURB AND GUTTER
ADJACENT TO FULL
DEPTH HMA PAVEMENT
D3 DETAIL 606-4



CONTINUOUSLY REINFORCED
WITH 3 - #4 BARS
EVENLY SPACED

REINFORCEMENT DETAIL
FOR
COMBINATION CONCRETE
CURB AND GUTTER TYPE B-6.24
ADJACENT TO FULL DEPTH
HMA PAVEMENT
D3 DETAIL 606-7

3

3

MODEL: \$MODELNAME\$\$
FILE NAME: \$FILE\$\$



USER NAME = \$\$USER\$\$
PLOT SCALE = \$\$SCALE\$\$
PLOT DATE = \$\$DATE\$\$

DESIGNED -
DRAWN - GW
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 3 DETAILS

SCALE: N.T.S. SHEET \$CV07890F SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)R,HBK-1&[(46-3)HB-5]HB-1	KANKAKEE	>TOT	>CV0789
CONTRACT NO. 66863				
ILLINOIS FED. AID PROJECT				

3 REV. 9/4/26