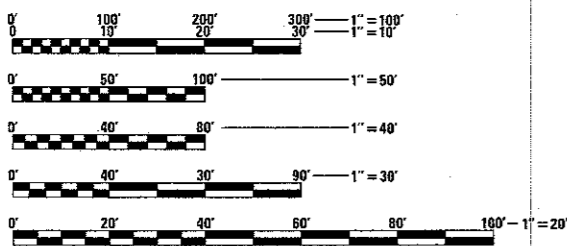


SHEET NO.	DESCRIPTION
ROADWAY PLANS	
1.	COVER SHEET
2.	HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS
3.-16.	SUMMARY OF QUANTITIES
17.-20.	TYPICAL SECTIONS
21.-24.	SCHEDULES OF QUANTITIES
25.-26.	ALIGNMENT, TIES, AND BENCHMARKS
27.-30.	REMOVAL PLAN
31.-34.	NORTH STREET PLAN AND PROFILE
35.-36.	I-57 PLAN AND PROFILE
37.	NORTH STREET ROAD CLOSURE PLAN
38,38A,38B	I-57 TRAFFIC CONTROL PLAN
39.-42.	EROSION AND SEDIMENT CONTROL PLAN
43.-46.	DRAINAGE AND UTILITIES PLAN
47.	STORM SEWER PROFILES
48.-49.	RIGHT OF WAY PLAN
50.	INTERSECTION DETAILS
51.-52.	PAVEMENT MARKING AND SIGNING PLAN
53.-58.	LIGHTING PLAN AND DETAILS (E-1 THRU E-6)
59.-60.	CONCRETE BARRIER DETAILS
61.	PARAPET RAILING DETAILS
62.	BICYCLE RAILING DETAILS
63.	PCC BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)
64.	DRAINAGE STRUCTURES, TYPE 3 SPECIAL
65.	PIPE DRAIN DETAILS
66.	PCC SIDEWALK 8 INCH, SPECIAL
67.	IMPACT ATTENUATOR INSTALLATION DETAILS
68.	DETAILS
69.	STANDARD 701400 (SPECIAL)
STRUCTURE PLANS	
70.	GENERAL PLAN
71.	GENERAL DATA
72.-74.	TOP OF SLAB ELEVATIONS
75.	TOP OF WEST APPROACH SLAB ELEVATIONS
76.	TOP OF EAST APPROACH SLAB ELEVATIONS
77.	SUPERSTRUCTURE
78.-79.	SUPERSTRUCTURE DETAILS
80.	DIAPHRAGM DETAILS
81.-82.	BRIDGE APPROACH SLAB DETAILS
83.	BRIDGE FENCE RAILING, SIDEWALK MOUNTED
84.	STEEL FRAMING PLAN
85.	STRUCTURAL STEEL DETAILS
86.	BEARING DETAILS
87.	WEST ABUTMENT
88.	EAST ABUTMENT
89.	PIER
90.	BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
91.	HP PILE DETAILS
92.	DRAINAGE SCUPPER, DS-11
93.-95.	BORING LOGS
EXISTING STRUCTURE PLANS	
96.-104.	EXISTING STRUCTURE PLANS - FOR INFORMATION ONLY
CROSS SECTIONS	
105.-121.	NORTH STREET CROSS SECTIONS
122.-126.	I-57 CROSS SECTIONS



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

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

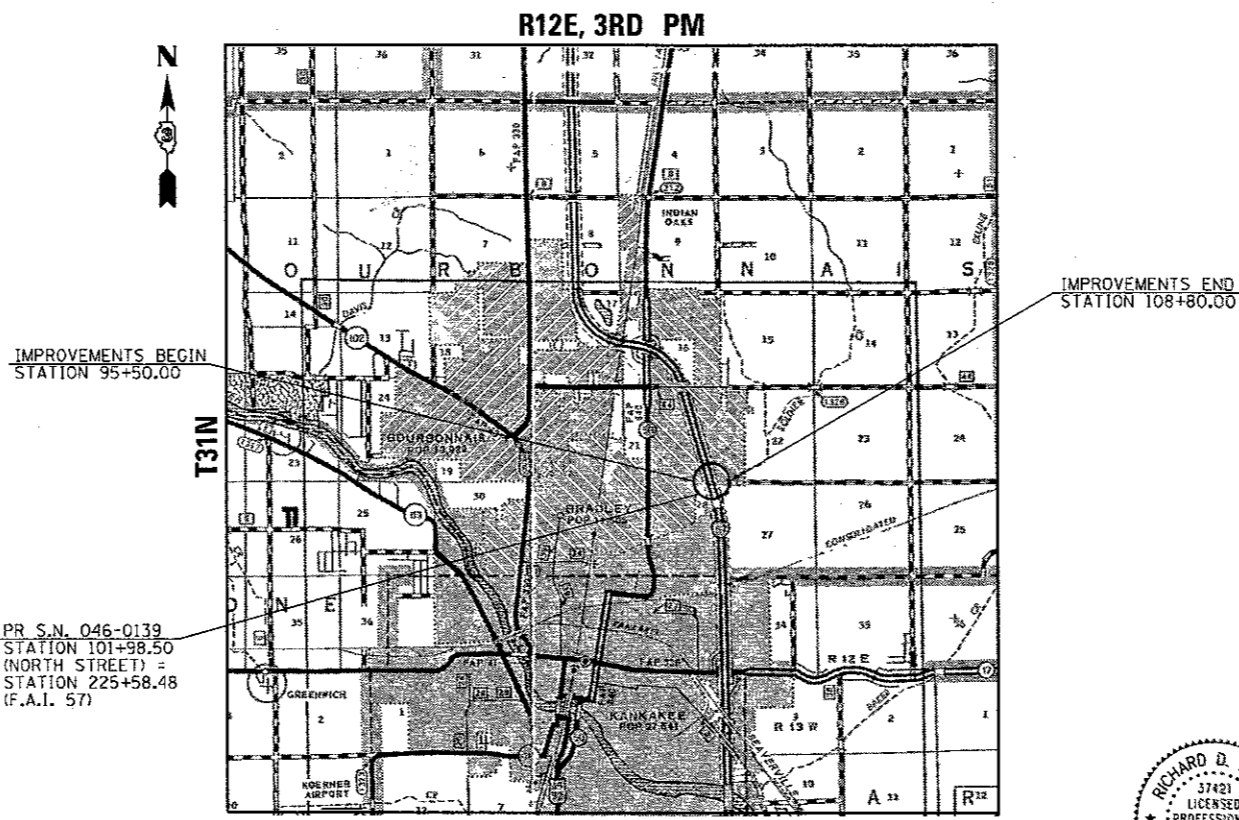
PROJECT ENGINEER: JOSEPH KANNEL, P.E.
UNIT CHIEF: MICHELE LINDEMANN, P.E.
DISTRICT 3 NO.: (815) 434-6131
CONTRACT NO. 66885



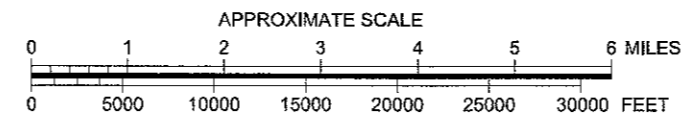
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 57 (I-57)
SECTION (46-3)HBR
PROJECT NHPP-WR92(018)
BRIDGE REPLACEMENT NORTH STREET OVER I-57
KANKAKEE COUNTY
C - 93 - 032 - 09



LOCATION MAP



GROSS LENGTH = 1,330 FT. = 0.252 MI.
NET LENGTH = 1,330 FT. = 0.252 MI.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 66885	

* 26 + 3 ABC = 129

P-93-025-03
D-93-018-09



LOCATION OF SECTION INDICATED THUS: [thick black line]

	F.A.I. 57	NORTH STREET
FUNCTIONAL CLASSIFICATION:	URBAN INTERSTATE	URBAN COLLECTOR
DESIGN SPEED:	70 MPH	30 MPH
POSTED SPEED:	65 MPH	30 MPH
ADT:	33,250 (2011)	7,050 (2011)
PV:	74%	96.0%
SU:	6%	3.3%
MU:	20%	0.7%



EXPIRES 11-30-2013
Richard D. Payne
SIGNATURE

08-30-2012
DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 8-22-2017
K. Marshall
REGIONAL ENGINEER

Oct 13 2017
Maween M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Oct 13 2017
Michele Lindemann
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-09	PAVEMENT JOINTS
420408	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
515001-03	NAME PLATE FOR BRIDGES
542311-07	TRAVERSABLE PIPE GRATE
542601-03	REINFORCED CONCRETE PIPE ELBOW
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
602301-04	INLET, TYPE A
602306-03	INLET, TYPE B
602401-04	MANHOLE, TYPE A
602406-08	MANHOLE, TYPE A, 6' (1.8 m) DIAMETER
602601-05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS, TYPE 1
604011-05	FRAME AND GRATE, TYPE 3V
604026-03	FRAME AND GRATE, TYPE 6
604038-03	GRATE, TYPE 8
604071-05	FRAME AND GRATE, TYPE 20
604076-04	FRAME AND GRATE, TYPE 21
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-06	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-02	DELINEATORS
665001-02	WOVEN WIRE FENCE
666001-01	RIGHT-OF-WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701008-05	OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701401-11	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-10	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPE A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
825011-03	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240V
830006-04	LIGHT POLE ALUMINUM DAVIT ARM
836001-03	LIGHT POLE FOUNDATION
701451-05	RAMP CLOSURE FREEWAY/EXPRESSWAY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDING WILL BE DETERMINED BY THE ENGINEER.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS TO BE SEEDING OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.

DETECTABLE WARNING SURFACES SHALL EXTEND 2.0 FT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL. AT CURB RAMPS AND BLENDED TRANSITIONS, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARES) OR BLENDED TRANSITIONS. SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION. THE CONCRETE BORDER SHALL NOT EXCEED 2 INCHES.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
 - COM ED - COMCAST
 - AT&T - AQUA ILLINOIS
 - NICOR - VILLAGE OF BRADLEY

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
 - NONE

COMMITMENTS

IN ORDER TO PROTECT INDIANA BATS AND NORTHERN LONG-EARED BATS NO TREE REMOVAL SHALL TAKE PLACE BETWEEN APRIL 1 AND SEPTEMBER 30 OF ANY YEAR.

LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE	HMA BINDER TOP LIFT	HMA BINDER BOTTOM LIFT(S)	HMA SHOULDERS
BINDER GRADE (PG):	SBS PG70-28	SBS PG70-28	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5	IL-19.0	IL-19.0	IL-19.0
MIXTURE GRADATION:				
FRICITION AGGREGATE:	MIXTURE D	N/A	N/A	N/A
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/OA	QC/OA	QC/OA	QC/OA
SUBLOT SIZE:	N/A	N/A	N/A	N/A
DENSITY TEST METHOD:	CORES	CORES	CORES	CORES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DISTRICT THREE
 AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
 OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DISTRICT THREE

PREPARED BY: *Don Benoit*
 DISTRICT STUDIES & PLANS ENGINEER

DATE: August 22, 2017

EXAMINED BY: *Kyle Voth*
 DISTRICT CONSTRUCTION ENGINEER

Michael A Short
 DISTRICT MATERIALS ENGINEER

Tom H. Hays
 DISTRICT OPERATIONS ENGINEER



USER NAME = corcoranlm
ESCA PROJECT NO. 040.01
PLOT SCALE = 2.0000' / in.
PLOT DATE = 8/15/2017 10:56:55 AM

DESIGNED - MID
DRAWN - DWH/HAS
CHECKED - RDP
DATE - 06/12

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	146-318R	KANKAKEE	126	2
CONTRACT NO. 66885				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	100% VILLAGE	20% VILLAGE 80% STATE	100% VILLAGE	
				ROADWAY	BRIDGE	HIGHWAY LIGHTING		ROADWAY	
				0003~ URBAN	0010 ✓ S.N. 046-0139	0021 ✓ URBAN ✓	0028 ✓ URBAN	0003 ✓ URBAN	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1120	1120					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	248	248					
20200100	EARTH EXCAVATION	CU YD	1360	1360					
20400800	FURNISHED EXCAVATION	CU YD	20800	20800					
20800150	TRENCH BACKFILL	CU YD	500	500					
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1610	1610					
21400100	GRADING AND SHAPING DITCHES	FOOT	200	200					
Δ 25000210	SEEDING, CLASS 2A	ACRE	0.2	0.2					
Δ 25000300	SEEDING, CLASS 3	ACRE	3	3					
Δ 25000350	SEEDING, CLASS 7	ACRE	3.4	3.4					
Δ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	300	300					
Δ 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	300	300					
Δ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	300	300					
Δ 25100115	MULCH, METHOD 2	ACRE	3.6	3.6					

14 Δ SPECIALTY ITEM



USER NAME = corcoranlm	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 848.01	DRAWN - RJT	REVISED -
PLOT SCALE = 2,000' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = 8/23/2017 2:20:26 PM	DATE - 06/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE SHEET NO. 1 OF 14 SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	3
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT AID	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FEDERAL 20% STATE ROADWAY 0003 URBAN	80% FEDERAL 20% STATE BRIDGE 0010 S.N. 046-0139	100% VILLAGE HIGHWAY LIGHTING 0021 URBAN	20% VILLAGE 80% STATE 0028 URBAN	100% VILLAGE ROADWAY 0003 URBAN				
				Δ 25100630	EROSION CONTROL BLANKET	SQ YD	14520	14520				
				Δ 25200110	SODDING, SALT TOLERANT	SQ YD	1000	1000				
25200200	SUPPLEMENTAL WATERING	UNIT	6	6								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	340	340								
28000305	TEMPORARY DITCH CHECKS	FOOT	150	150								
28000400	PERIMETER EROSION BARRIER	FOOT	2200	2200								
28000500	INLET AND PIPE PROTECTION	EACH	8	8								
28100705	STONE DUMPED RIPRAP, CLASS A3	SQ YD	54	54								
31100500	SUBBASE GRANULAR MATERIAL, TYPE A 6"	SQ YD	5510	5510								
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	44	44								
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1176	885			291					
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	10933	10933								
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2464	2464								
40600990	TEMPORARY RAMP	SQ YD	44	44								

Δ SPECIALTY ITEM



USER NAME = caoaronlm
 ESCA PROJECT NO. 040.01
 PLOT SCALE = 2.0000' / 1" =
 PLOT DATE = 8/23/2017 2:28:54 PM

DESIGNED - MTD
 DRAWN - RJT
 CHECKED - RDP
 DATE - 06/12

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE SHEET NO. 2 OF 14 SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	4
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT AID	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE BRIDGE	100% VILLAGE HIGHWAY LIGHTING	20% VILLAGE 80% STATE	100% VILLAGE ROADWAY
				0003	0010	0021	0028	0003
				URBAN	S.N. 046-0139	URBAN	URBAN	URBAN
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	40	40				
40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	70	70				
40701911	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/2"	SQ YD	4750	4750				
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	103	103				
42001300	PROTECTIVE COAT	SQ YD	2367	2367				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4660	2045			2615	
42400800	DETECTABLE WARNINGS	SQ FT	75	50			25	
44000100	PAVEMENT REMOVAL	SQ YD	2470	2470				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	353	313			40	
44000600	SIDEWALK REMOVAL	SQ FT	2560	582			1978	
44004000	PAVED DITCH REMOVAL	FOOT	33	33				
44004250	PAVED SHOULDER REMOVAL	SQ YD	6	6				
48101200	AGGREGATE SHOULDERS, TYPE B	TON	13	13				
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	6	6				

14
 Δ SPECIALTY ITEM



USER NAME = corcoranlm	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 846.01	DRAWN - RJT	REVISED -
PLOT SCALE = 2:0000' / 1" = 1/8"	CHECKED - RDP	REVISED -
PLOT DATE = 8/23/2017 2:21:18 PM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE SHEET NO. 3 OF 14 SHEETS STA. TO STA.

F.A. I. RTE. 57	SECTION (46-3)HBR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 5
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT AID	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	100% VILLAGE	20% VILLAGE 80% STATE	100% VILLAGE
				ROADWAY	BRIDGE	HIGHWAY LIGHTING		ROADWAY
				0003	0010	0021	0028	0003
				URBAN	S.N. 046-0139	URBAN	URBAN	URBAN
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1			
50104400	CONCRETE HEADWALL REMOVAL	EACH	5	5				
50104650	SLOPE WALL REMOVAL	SQ YD	323		323			
50105220	PIPE CULVERT REMOVAL	FOOT	308	308				
50157300	PROTECTIVE SHIELD	SQ YD	220		220			
50200100	STRUCTURE EXCAVATION	CU YD	470		470			
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	13		13			
50300225	CONCRETE STRUCTURES	CU YD	209.4		209.4			
50300255	CONCRETE SUPERSTRUCTURE	CU YD	488		488			
50300260	BRIDGE DECK GROOVING	SQ YD	1455		1455			
50300280	CONCRETE ENCASEMENT	CU YD	7		7			
50300300	PROTECTIVE COAT	SQ YD	2030		2030			
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	172.3		172.3			
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	LSUM	1		1			

14
Δ SPECIALTY ITEM



USER NAME = aacorenlm
 ESCA PROJECT NO. 840.01
 PLOT SCALE = 2.0000' / 1"
 PLOT DATE = 8/23/2017 2:21:39 PM

DESIGNED - MTD
 DRAWN - RJT
 CHECKED - RDP
 DATE - 06/12

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE SHEET NO. 4 OF 14 SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	6
CONTRACT NO. 66895			ILLINOIS FED. AID PROJECT AID	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				80% FEDERAL ROADWAY	80% FEDERAL BRIDGE	100% VILLAGE HIGHWAY LIGHTING	20% VILLAGE 80% STATE	100% VILLAGE ROADWAY
				0003	0010	0021	0028	0003
				URBAN	S.N. 046-0139	URBAN	URBAN	URBAN
50500505	STUD SHEAR CONNECTORS	EACH	6000		6000			
50800105	REINFORCEMENT BARS	POUND	24	24				
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	173690		173690			
50800515	BAR SPLICERS	EACH	124		124			
50901720	BICYCLE RAILING	FOOT	684	684				
50901735	BRIDGE FENCE RAILING (SIDEWALK)	FOOT	273		273			
50901750	PARAPET RAILING	FOOT	955	252	273			430
51100100	SLOPE WALL 4 INCH	SQ YD	675		675			
51201610	FURNISHING STEEL PILES HP12X63	FOOT	396		396			
51202305	DRIVING PILES	FOOT	396		396			
51203610	TEST PILE STEEL HP12X63	EACH	2		2			
51204650	PILE SHOES	EACH	20		20			
51500100	NAME PLATES	EACH	1		1			
52100520	ANCHOR BOLTS, 1"	EACH	40		40			

Δ SPECIALTY ITEM



USER NAME - ccarolan1m	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 848.01	DRAWN - RJT	REVISED -
PLOT SCALE = 2.0000" / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 8/23/2017 2:22:06 PM	DATE - 06/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE SHEET NO. 5 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	7
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT AID	
			CONTRACT NO. 66885	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FEDERAL 20% STATE ROADWAY 0003 URBAN	80% FEDERAL 20% STATE BRIDGE 0010 S.N. 046-0139	100% VILLAGE HIGHWAY LIGHTING 0021 URBAN	20% VILLAGE 80% STATE 0028 URBAN	100% VILLAGE ROADWAY 0003 URBAN				
				52100530	ANCHOR BOLTS, 1 1/4"	EACH	20		20			
				54002020	EXPANSION BOLTS 3/4 INCH	EACH	8	8				
542A1075	PIPE CULVERTS, CLASS A, TYPE 2 30"	FOOT	300	300								
542A1909	PIPE CULVERTS, CLASS A, TYPE 3 24"	FOOT	24	24								
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4	4								
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	5	5								
54215985	REINFORCED CONCRETE PIPE ELBOW 30"	EACH	1	1								
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	4	4								
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	5	5								
54248510	CONCRETE COLLAR	CU YD	0.3	0.3								
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	96	96								
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	21	21								
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	143	143								
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	238	238								

14
Δ SPECIALTY ITEM



USER NAME = corcoranjm
ESCA PROJECT NO. 846.01
PLOT SCALE = 2.0000' / 1" in.
PLOT DATE = 8/23/2017 2:22:30 PM

DESIGNED - MTD
DRAWN - RJT
CHECKED - RDP
DATE - 06/12

REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE SHEET NO. 6 OF 14 SHEETS STA. TO STA.

F.A. I. RTE. 57	SECTION (46-3)BR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 8
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT AID	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE BRIDGE	100% VILLAGE HIGHWAY LIGHTING	20% VILLAGE 80% STATE	100% VILLAGE ROADWAY
				0003	0010	0021	0028	0003
				URBAN	S.N. 046-0139	URBAN	URBAN	URBAN
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	348	348				
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	171	171				
550A0660	STORM SEWERS, CLASS A, TYPE 3 15"	FOOT	131	131				
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	21	21				
55101200	STORM SEWER REMOVAL 24"	FOOT	45	45				
56109210	WATER VALVES TO BE ADJUSTED	EACH	1	1				
58700300	CONCRETE SEALER	SQ FT	2040		2040			
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	106		106			
60105000	PIPE DRAINS, CORRUGATED STEEL OR ALUMINUM ALLOY 12"	FOOT	57	57				
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2				
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7				
60224120	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	1	1				
60236100	INLETS, TYPE A, TYPE 6 FRAME AND GRATE	EACH	3	3				
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1				

Δ SPECIALTY ITEM



USER NAME = corcoranlm
 ESCA PROJECT NO. 848.01
 PLOT SCALE = 2.0000" / 1"
 PLOT DATE = 8/23/2017 2:22:57 PM

DESIGNED - MTD
 DRAWN - RJT
 CHECKED - RDP
 DATE - 06/12

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE SHEET NO. 7 OF 14 SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	9
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT AID	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				80% FEDERAL 20% STATE ROADWAY 0003 URBAN	80% FEDERAL 20% STATE BRIDGE 0010 S.N. 046-0139	100% VILLAGE HIGHWAY LIGHTING 0021 URBAN	20% VILLAGE 80% STATE 0028 URBAN	100% VILLAGE ROADWAY 0003 URBAN
60240240	INLETS, TYPE B, TYPE 6 FRAME AND GRATE	EACH	2	2				
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1				
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	3	3				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	120	120				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	417	377			40	
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	920	920				
61000050	CONCRETE THRUST BLOCKS	EACH	2	2				
Δ 63000007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS	FOOT	687.5	687.5				
Δ 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1				
Δ 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3				
Δ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3				
63200310	GUARDRAIL REMOVAL	FOOT	2775	2775				
Δ 63302400	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 5	EACH	1	1				
63400105	GUARD POSTS	EACH	22	22				

Δ SPECIALTY ITEM



USER NAME : cccora1m	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 840.01	DRAWN - RJT	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - RDP	REVISED -
PLOT DATE = 8/23/2017 2:23:25 PM	DATE - 06/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE SHEET NO. 8 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT AID			CONTRACT NO. 66885	

14

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	100% VILLAGE	20% VILLAGE 80% STATE	100% VILLAGE
				ROADWAY	BRIDGE	HIGHWAY LIGHTING		ROADWAY
				0003 URBAN	0010 S.N. 046-0139	0021 URBAN	0028 URBAN	0003 URBAN
63700160	CONCRETE BARRIER, SINGLE FACE, 34 INCH HEIGHT	FOOT	688	255				433
63700900	CONCRETE BARRIER BASE	FOOT	688	255				433
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2				
64301090	ATTENUATOR BASE	SQ YD	54	54				
66500105	WOVEN WIRE FENCE, 4'	FOOT	670	670				
Δ 66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	6	6				
Δ 66700205	PERMANENT SURVEY MARKERS, TYPE 1	EACH	2	2				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12				
67100100	MOBILIZATION	LSUM	1	1				
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	LSUM	1	1				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1	1				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	60	60				

Δ SPECIALTY ITEM



USER NAME = eescor@in	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 848.01	DRAWN - RJT	REVISED -
PLOT SCALE = 2,0000' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 8/23/2017 2:23:53 PM	DATE - 06/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE SHEET NO. 9 OF 14 SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	11
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT AID	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE BRIDGE	100% VILLAGE HIGHWAY LIGHTING	20% VILLAGE 80% STATE	100% VILLAGE ROADWAY	
				0003	0010	0021	0028	0003	
				URBAN	S.N. 046-0139	URBAN	URBAN	URBAN	
70200100	NIGHTTIME WORK ZONE LIGHTING	LSUM	1	1					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	720	720					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	240	240					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	158	158					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4300	4300					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	370	370					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	50	50					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	40	40					
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2000	2000					
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1400	1400					
70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	4	4					
70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	4	4					
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	17	17					
Δ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3					

Δ SPECIALTY ITEM



USER NAME = cbrccranta
 ESCA PROJECT NO. 840.01
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 PLOT DATE = 8/23/2017 2:24:21 PM

DESIGNED - MTD
 DRAWN - RJT
 CHECKED - RDP
 DATE - 06/12

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE SHEET NO. 10 OF 14 SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	12
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT AID	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE BRIDGE	100% VILLAGE HIGHWAY LIGHTING	20% VILLAGE 80% STATE	100% VILLAGE ROADWAY	
				0003	0010	0021	0028	0003	
				URBAN	S.N. 046-0139	URBAN	URBAN	URBAN	
72400310	REMOVE SIGN PANEL - TYPE 1	50 FT	50	50					
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2					
72400710	RELOCATE SIGN PANEL - TYPE 1	50 FT	19	19					
72400720	RELOCATE SIGN PANEL - TYPE 2	50 FT	12	12					
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3					
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	15	15					
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	11	11					
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	50 FT	158	158					
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3615	3615					
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	370	370					
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	50	50					
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	40	40					
78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	685	685					
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	9	9					

14 Δ SPECIALTY ITEM



USER NAME = ccorranlm	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 840.01	DRAWN - RJT	REVISED -
PLOT SCALE = 2,0000' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = 8/23/2017 2:24:53 PM	DATE - 06/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE SHEET NO. 11 OF 14 SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	13
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT AID	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				80% FEDERAL 20% STATE ROADWAY 0003 URBAN	80% FEDERAL 20% STATE BRIDGE 0010 S.N. 046-0139	100% VILLAGE HIGHWAY LIGHTING 0021 URBAN	20% VILLAGE 80% STATE 0028 URBAN	100% VILLAGE ROADWAY 0003 URBAN				
				78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	6	6				
				80400100	ELECTRIC SERVICE INSTALLATION	EACH	1			1		
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	40			40						
81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	161			161						
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	460			460						
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	2			2						
81301290	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 12" X 12" X 6"	EACH	2			2						
81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND. (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	2860			2860						
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1410			1410						
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1			1						
83003500	LIGHT POLE, ALUMINUM, 45 FT. M.H., 12 FT. DAVIT ARM	EACH	10			10						
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	65			65						
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	2			2						
X0323360	WOODEN POLE REMOVAL	EACH	1	1								

M Δ SPECIALTY ITEM



USER NAME = corcoranlm	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 848.01	DRAWN - RJT	REVISED -
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DATE = 8/23/2017 2:25:27 PM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SCALE	SHEET NO. 12 OF 14 SHEETS STA. TO STA.

F.A. I. RTE. 57	SECTION (46-3)HR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 14
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT AID	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FEDERAL ROADWAY 0003	80% FEDERAL BRIDGE 0010	100% VILLAGE HIGHWAY LIGHTING 0021	20% VILLAGE 80% STATE 0028	100% VILLAGE ROADWAY 0003	
				URBAN	S.N. 046-0139	URBAN	URBAN	URBAN	
X0326208	ALTERNATE ROUTE SIGNING	LSUM	1	1					
X0326880	MESSAGE BOARD VEHICLE DRIVER	HOURL	120	120					
X0326907	PORTABLE, VEHICLE MOUNTED, CHANGEABLE MESSAGE SIGN	CAL MO	2	2					
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	4540	4540					
Δ X1400113	LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH	10			10			
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100					
X4201510	P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)	SQ YD	59	59					
X4240460	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL	SQ FT	6130	6130					
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	485	485					
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	190		190				
X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	1	1					
X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	1	1					
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	2	2					
X6650202	WOVEN WIRE FENCE REMOVAL	FOOT	770	770					

Δ SPECIALTY ITEM



USER NAME = carcoranlm	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 840.01	DRAWN - RJT	REVISED -
PLOT SCALE = 2:0000 / in.	CHECKED - RDP	REVISED -
PLOT DATE = 8/23/2017 2:25:58 PM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE	SHEET NO. 13 OF 14 SHEETS	STA.	TO STA.

F.A. I. RTE. 57	SECTION (46-3)HR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 15
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT AID	

CONTRACT NO. 66885

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE BRIDGE	100% VILLAGE HIGHWAY LIGHTING	20% VILLAGE 80% STATE	100% VILLAGE ROADWAY
				0003	0010	0021	0028	0003
				URBAN	S.N. 046-0139	URBAN	URBAN	URBAN
X6660410	REMOVE RIGHT-OF-WAY MARKERS	EACH	3	3				
X7010208	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	2	2				
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1				
X7010805	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 (SPECIAL)	LSUM	1	1				
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	540	540				
Δ X8110458	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	20			20		
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	190		190			
Z0077803	REMOVE WOOD POST	EACH	17	17				
X1200147	DRAINAGE STRUCTURES, TYPE 3, SPECIAL	EACH	5	5				

9 Δ SPECIALTY ITEM



USER NAME = ccorcoran
 ESCA PROJECT NO. 840.01
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DESIGNED - MTD
 DRAWN - RJT
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 DATE - 06/12

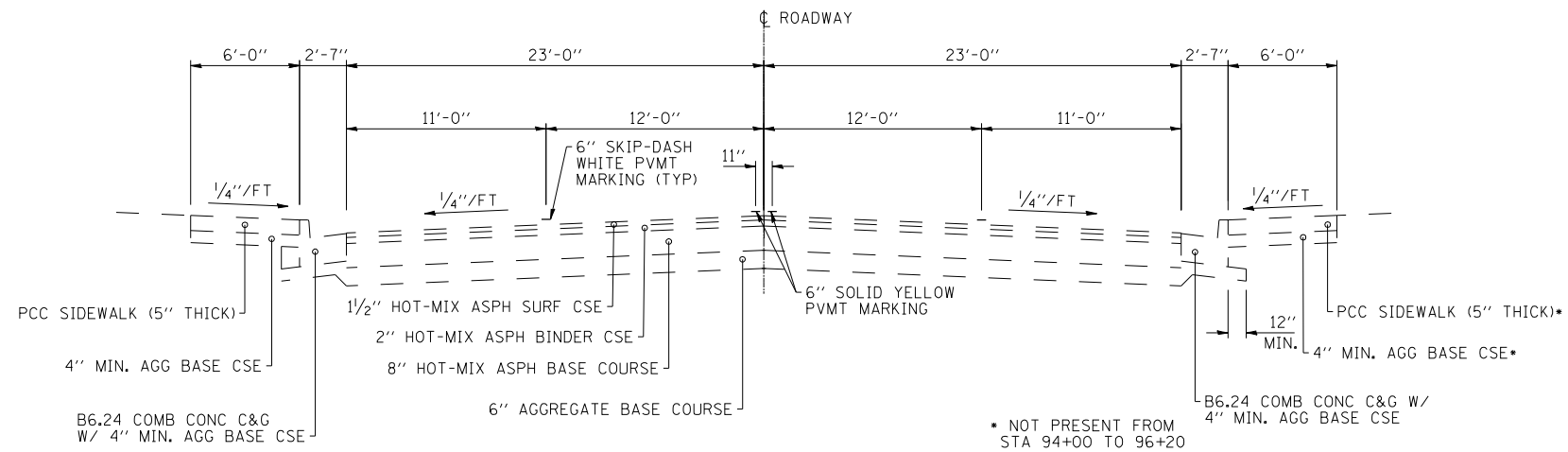
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

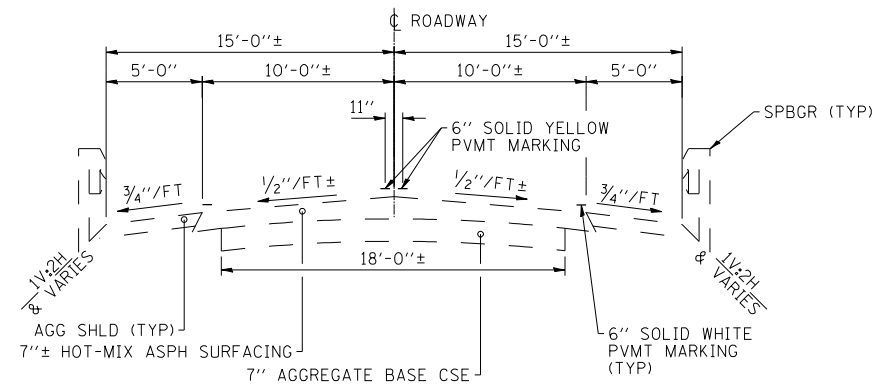
SUMMARY OF QUANTITIES

SCALE SHEET NO. 14 OF 14 SHEETS STA. TO STA.

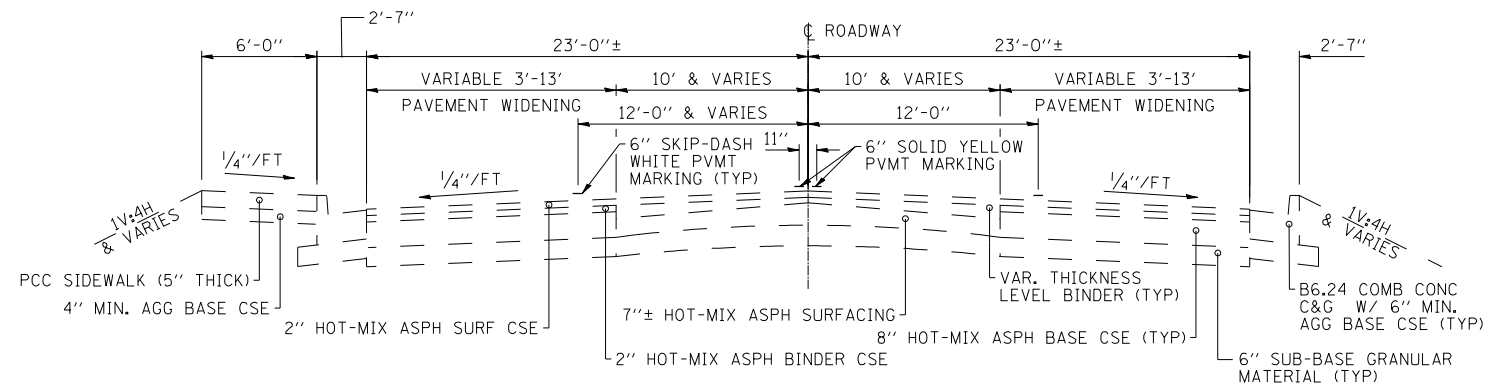
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	16
CONTRACT NO. 66895				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT AID		



**EXISTING TYPICAL SECTION
NORTH STREET
STA 92+00 TO STA 96+20**



**EXISTING TYPICAL SECTION
NORTH STREET
STA 96+20 TO STA 107+98
BRIDGE OMISSION STA 100+96.35 TO STA 103+00.65**



**EXISTING TYPICAL SECTION
NORTH STREET
STA 107+98 TO STA 112+17**

PRINT DRIVER = L:\05-EB\0411
SCALE: 1/4" = 1'-0"
FILE NAME = 050805-01-10-01.dwg



USER NAME = rjt	DESIGNED - MTD	REVISED -
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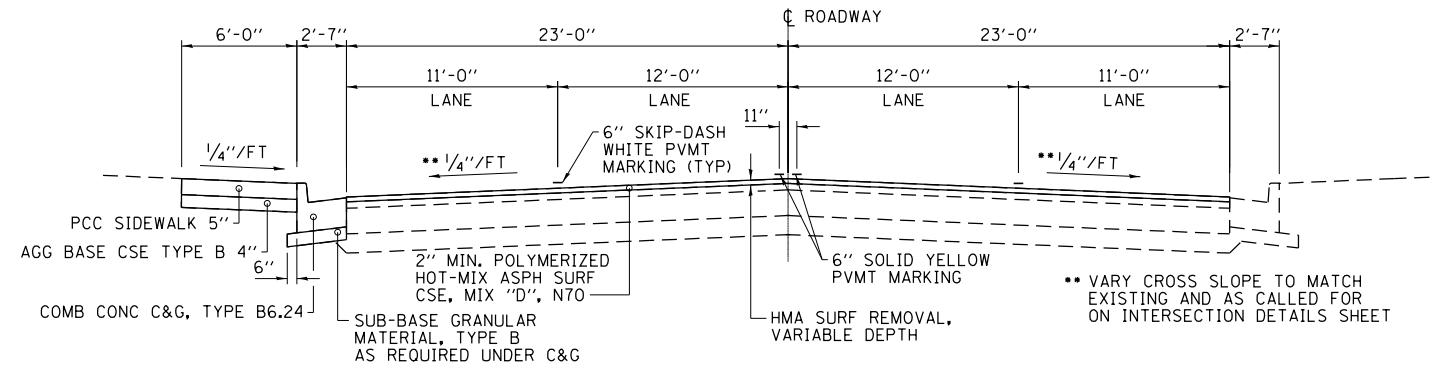
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

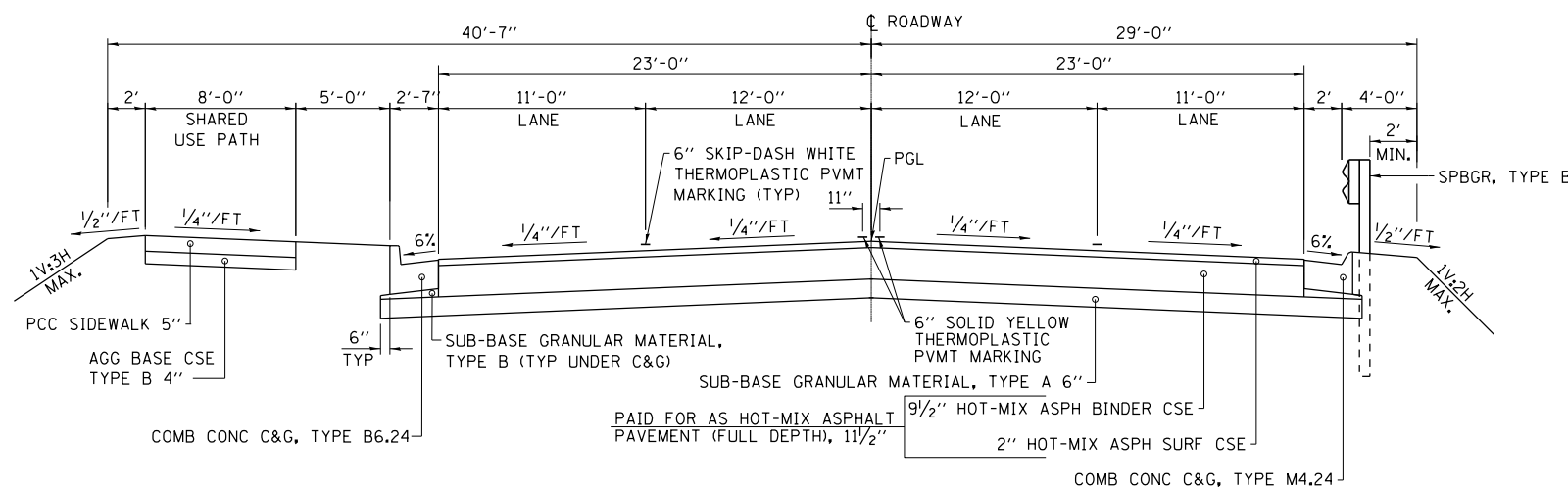
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	17
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

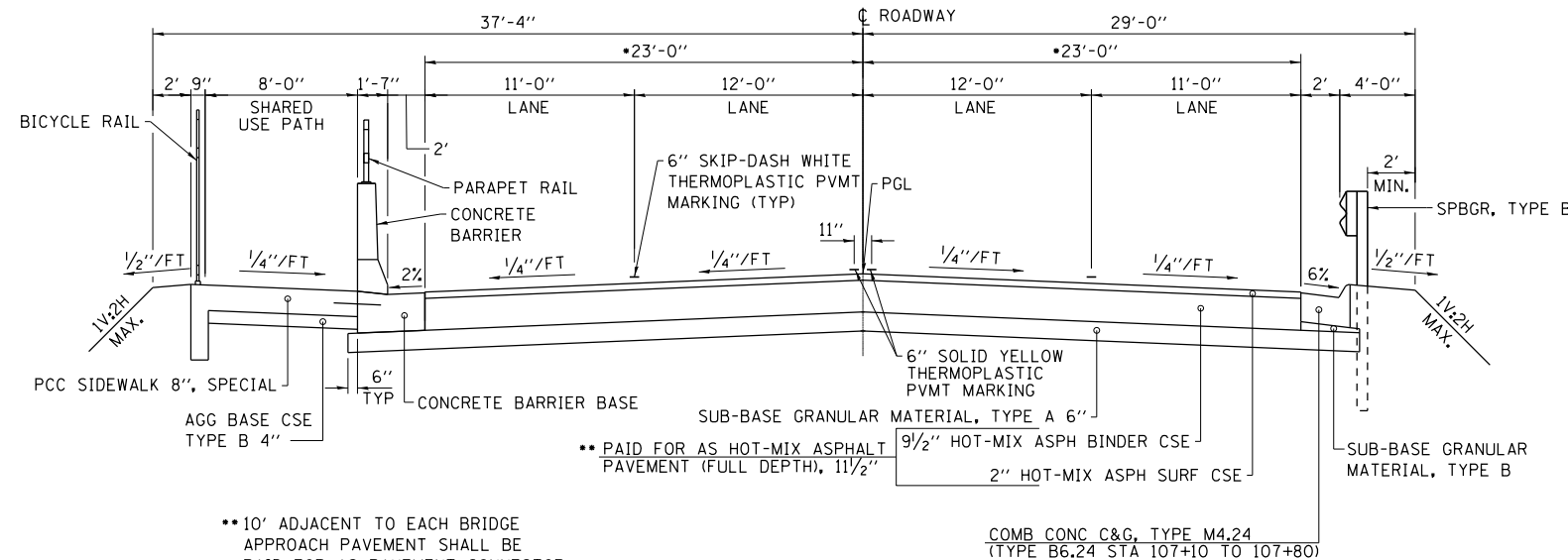
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**PROPOSED TYPICAL SECTION
NORTH STREET
STA 95+50 TO STA 96+20.00**

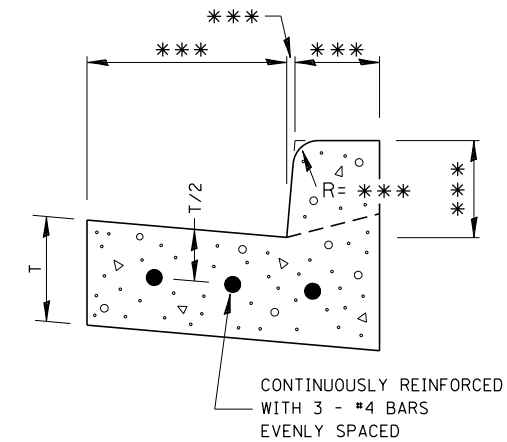


**PROPOSED TYPICAL SECTION
NORTH STREET
STA 96+20.00 TO STA 98+20.00**



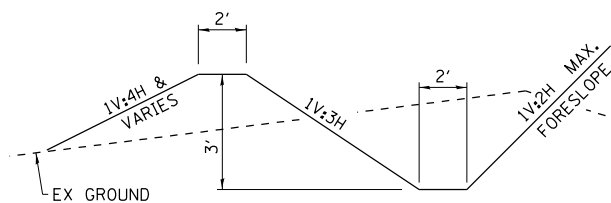
**PROPOSED TYPICAL SECTION
NORTH STREET
STA 98+20.00 TO STA 107+80.00**
BRIDGE OMISSION - STA 100+62.17 TO STA 103+34.83

* DIMENSION VARIES FROM
STA 106+84.73 TO 107+80.00,
SEE PLAN AND PROFILE SHEETS



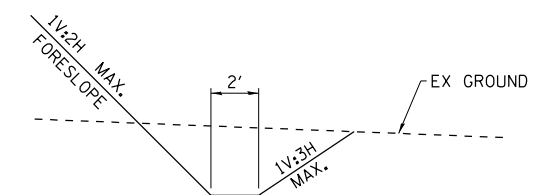
REINFORCEMENT SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CC&G.

**REINFORCEMENT DETAIL
FOR
COMBINATION CONCRETE
CURB AND GUTTER**



SPECIAL DITCH LT SECTION

(SEE DRAINAGE PLANS AND CROSS SECTIONS FOR LOCATIONS, ELEVATIONS, AND SLOPES)



TYPICAL DITCH SECTION

(SEE DRAINAGE PLANS AND CROSS SECTIONS FOR LOCATIONS, ELEVATIONS, AND SLOPES)

PRINT DRIVER = RETURN TO
SCALE NAME = PLOT
FILE NAME = 20180805.dwg



USER NAME = corcoranm
ESCA PROJECT NO. 040.01
PLOT SCALE = 0.1667' / 1"
PLOT DATE = 7/31/2017 11:50:44 AM

DESIGNED - MTD
DRAWN - DWH/HAS
CHECKED - RDP
DATE - 06/12

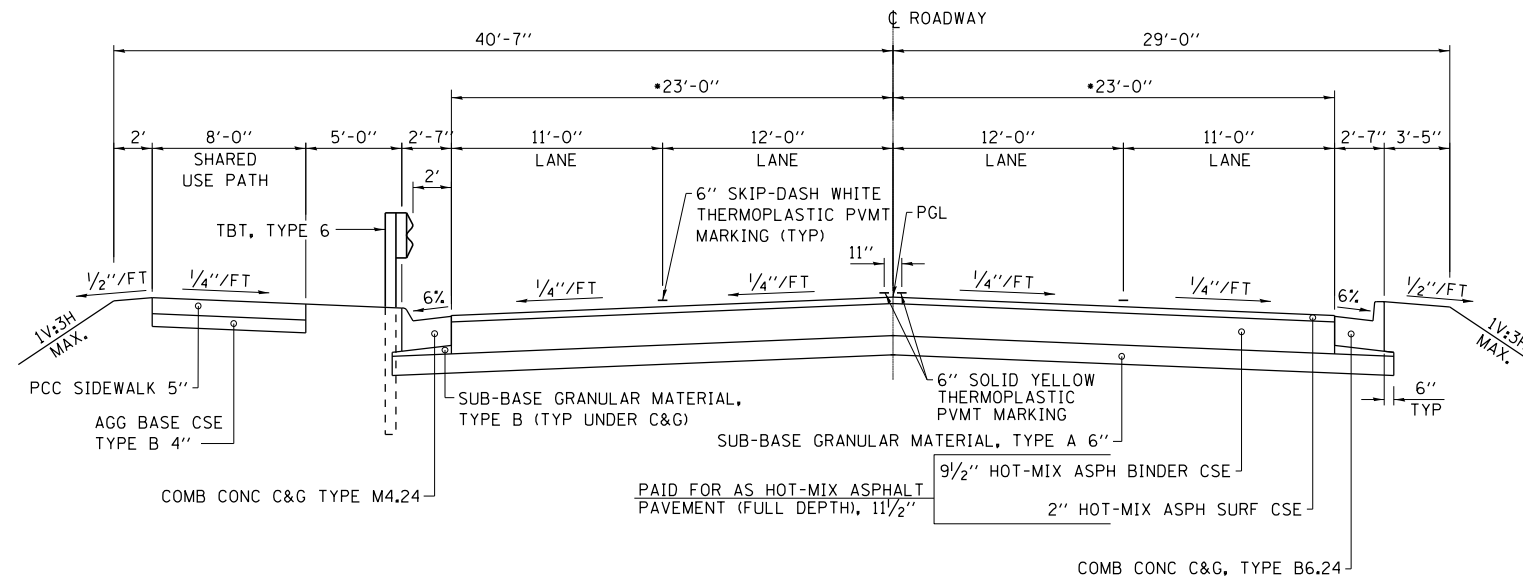
REVISED -
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

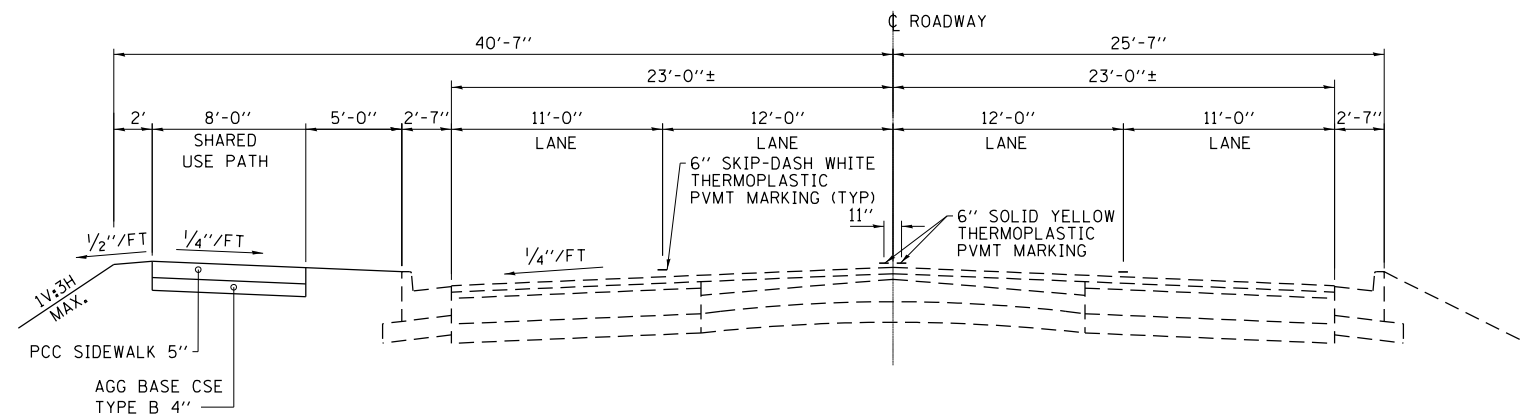
SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



*DIMENSION VARIES FROM STA 107+80.00 TO 108+00.00, SEE PLAN AND PROFILE SHEETS

**PROPOSED TYPICAL SECTION
NORTH STREET
STA 107+80.00 TO STA 108+00.00**



**PROPOSED TYPICAL SECTION
NORTH STREET
STA 108+00.00 TO STA 111+60.00**

PRINT DRIVER = PLOTDRWS
 MODEL NAME = PLOTDRWS
 FILE NAME = C:\ESCADWG\11-10-17\108.dwg



USER NAME = corcoranim
 ESCA PROJECT NO. 040.01
 PLOT SCALE = 0.1667' / in.
 PLOT DATE = 7/31/2017 11:51:48 AM

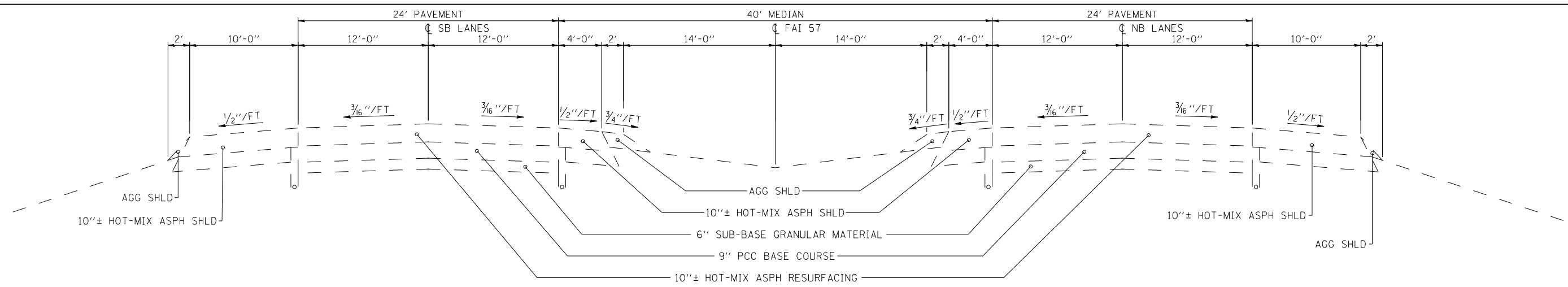
DESIGNED - MTD
 DRAWN - DWH/HAS
 CHECKED - RDP
 DATE - 06/12

REVISED -
 REVISED -
 REVISED -
 REVISED -

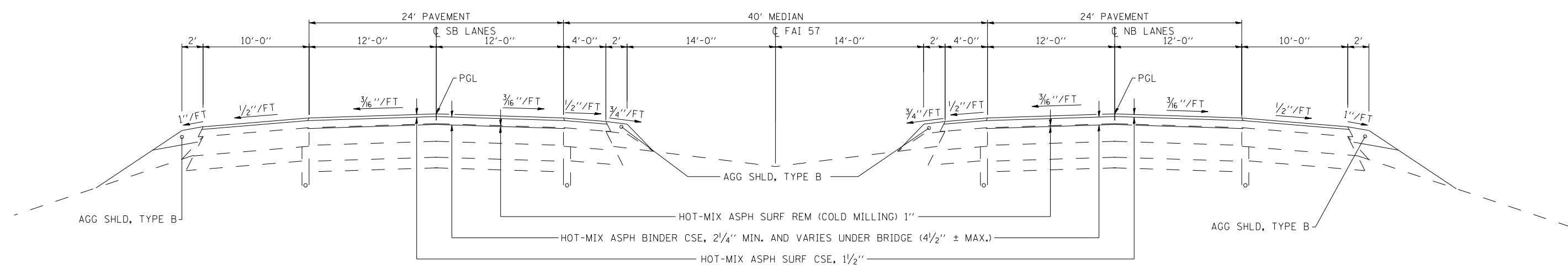
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

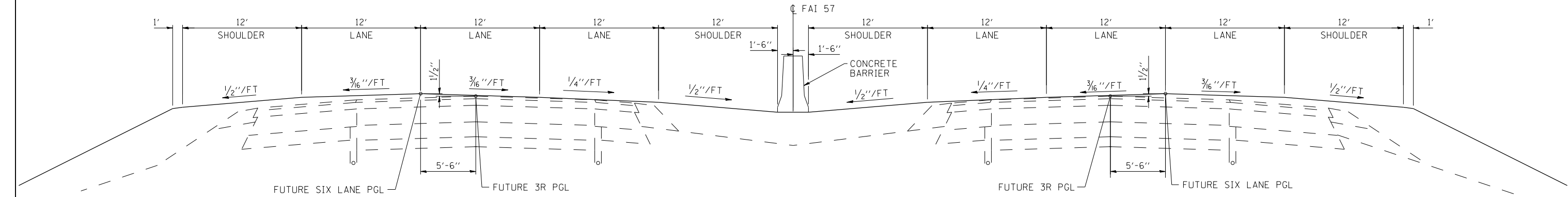
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	19
CONTRACT NO. 66885				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL SECTION
FAI 57
STA 219+00 TO STA 232+00**



**FOR INFORMATION ONLY
FUTURE 3R PROJECT TYPICAL SECTION
FAI 57
STA 219+00 TO STA 232+00**



**FOR INFORMATION ONLY
FUTURE SIX LANE TYPICAL SECTION
FAI 57
STA 219+00 TO STA 232+00**

PRINT DRIVER = LEO E. BARNETT
 SCALE = 1/4" = 1'-0"
 FILE NAME = C:\ESCA\6885\6885.dwg



USER NAME = rjt	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 840.01	DRAWN - DWH/HAS	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012 10:34:44 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE:	SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE. 57	SECTION (46-3)HBR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 20
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

EARTHWORK SCHEDULE

LOCATION	SUITABLE EARTH EXCAVATION	SUITABLE EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	SUITABLE INCIDENTAL EXCAVATION MATERIAL	SUITABLE INCIDENTAL EXC. MATERIAL ADJUSTED FOR SHRINKAGE	EMBANKMENT (NOT A PAY ITEM)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
STA 96+00 TO I-57, RT	200	150			4,860	-4,710
STA 96+43.86 TO I-57, LT	370	275			5,240	-4,965
I-57 TO STA 108+25, RT	160	120			5,310	-5,190
I-57 TO STA 111+25, LT	610	460			7,050	-6,590
STA 112+15 TO STA 112+95	20	15			10	+5
W. ABUTMENT STRUCTURE EXC.			189	140		+140
E. ABUTMENT STRUCTURE EXC.			181	135		+135
EXCAVATION FOR TRENCH BACKFILL			500	375		+375
EXCAVATION FOR LIGHT POLE FDN			12	10		+10
PIERCE AVENUE, LT					10	-10
TOTALS	1,360	1,020	752	560	22,380	-20,800

NOTES:

1. EXCAVATION USED AS EMBANKMENT = (SUITABLE EARTH EXCAVATION + SUITABLE INCIDENTAL EXCAVATION)*0.75

SEEDING AND SODDING SCHEDULE

LOCATION	SEEDING, CLASS			FERTILIZER NUTRIENTS			MULCH, METHOD 2	EROSION CONTROL BLANKET	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING
	2A	3	7	NITROGEN	PHOSPHORUS	POTASSIUM				
	ACRE	ACRE	ACRE	POUND	POUND	POUND	ACRE	SQ YD	SQ YD	UNIT
NW QUADRANT OF PIERCE AVE. INT.			0.02	1.2	1.2	1.2	0.02		134	0.8
STA 96+00 TO W. ABUTMENT, RT		0.60	0.60	54.0	54.0	54.0	0.60	2,904		
STA 96+68 TO 98+20, LT			0.13	7.8	7.8	7.8	0.13		610	3.7
STA 98+20 TO W. ABUTMENT, LT		0.30	0.30	27.0	27.0	27.0	0.30	1,452		
E. ABUTMENT TO STA 108+20, RT		0.60	0.60	54.0	54.0	54.0	0.60	2,904		
E. ABUTMENT TO STA 107+80, LT		0.80	0.80	72.0	72.0	72.0	0.80	3,872		
STA 107+80 TO CARDINAL DR. INT., LT		0.20	0.25	21.0	21.0	21.0	0.25	968	256	1.5
W. ABUTMENT END SLOPE		0.25	0.25	22.5	22.5	22.5	0.25	1,210		
E. ABUTMENT END SLOPE		0.25	0.25	22.5	22.5	22.5	0.25	1,210		
I-57 STA 224+00 TO 227+00, MEDIAN	0.20		0.20	18.0	18.0	18.0	0.40			
TOTALS	0.20	3.00	3.40	300.0	300.0	300.0	3.60	14,520	1,000	6.0

TOPSOIL EXCAVATION AND PLACEMENT SCHEDULE

LOCATION	TOPSOIL EXCAVATION AND PLACEMENT
	CU YD
STA 96+00 TO I-57, RT	332
STA 96+43.86 TO I-57, LT	325
I-57 TO STA 108+25, RT	332
I-57 TO STA 111+25, LT	601
STA 112+15 TO 112+95, RT	7
I-57 STA 223+50 TO 228+00, MEDIAN	3
PIERCE AVENUE, LT	10
TOTAL	1,610

GRADING AND SHAPING DITCHES SCHEDULE

LOCATION	FOOT
STA 100+94.83, 86.81' LT (I-57 DITCH)	40
STA 101+40.58, 68.90' RT (I-57 DITCH)	40
STA 102+56.43, 68.90' LT (I-57 DITCH)	40
STA 103+02.18, 86.81' RT (I-57 DITCH)	40
STA 106+53.00, 56.00' RT	40
TOTAL	200

TREE REMOVAL SCHEDULE

LOCATION		SIZE (UNITS)	
STATION	OFFSET (FT)	6 TO 15	OVER 15
96+62.88	27.8 RT	8	
96+74.46	27.9 RT	8	
96+87.77	35.0 RT	8	
96+98.96	42.3 RT	8	
97+03.64	34.3 RT	8	
97+20.27	41.7 RT	6	
97+26.75	33.9 RT	8	
97+31.11	35.4 RT	8	
97+32.11	38.8 RT	8	
97+67.68	40.1 RT	10	
97+67.68	40.1 RT	8	
97+67.68	40.1 RT	8	
97+92.95	28.4 RT	6	
98+00.18	39.7 LT	6	
98+01.81	45.8 RT	12	
98+05.02	46.1 RT		16
98+13.98	36.8 LT	6	
98+15.53	24.9 RT	6	
98+22.37	31.9 LT	8	
98+22.83	43.6 RT	6	
98+33.70	41.5 RT	6	
98+35.46	25.4 RT	6	
98+38.08	34.2 RT	6	
98+39.44	35.7 LT	6	
98+50.13	37.3 LT	6	
98+53.00	33.1 LT	8	
98+58.52	40.9 LT	8	
98+67.89	36.8 LT	8	
98+72.49	48.0 RT	6	
98+83.10	47.2 RT	6	
98+86.51	34.1 LT	8	
98+87.61	53.4 RT		18
98+88.24	32.0 LT	8	
98+88.46	33.2 LT	6	
98+89.73	53.0 RT		16
98+98.36	33.9 LT	8	
98+99.21	30.1 RT	10	
98+99.23	28.4 RT		16
99+06.08	46.1 RT	6	
99+08.01	32.5 LT	10	
99+08.76	34.6 LT	8	
99+12.15	48.7 RT	6	
99+25.61	55.5 RT	8	
99+26.09	33.6 LT	8	
99+28.01	36.3 LT	6	
99+39.52	41.6 RT	6	
99+40.75	42.7 LT	6	
99+42.87	37.0 LT	6	
99+44.85	24.1 RT	14	
99+46.62	62.5 LT	6	
99+47.88	36.5 LT	12	
99+55.10	58.9 RT	12	
99+55.80	24.5 RT	12	
99+66.74	36.3 LT	12	
99+66.97	51.0 LT	6	
99+71.18	25.6 RT		16
99+78.71	46.5 LT	6	
99+79.23	60.0 RT		24
99+80.82	45.7 LT	6	
99+82.19	38.0 RT		28
99+82.85	79.6 LT	6	
99+88.28	43.6 LT	6	
99+88.38	33.5 RT	6	
99+94.13	45.8 LT	6	
99+94.84	45.9 LT	6	
99+95.76	43.5 LT	6	
100+04.45	34.2 RT	14	
100+04.47	41.4 RT	10	
100+05.83	68.6 RT	6	
100+06.42	41.3 RT	6	
100+07.77	36.3 LT	8	
100+17.62	33.9 LT	10	
100+17.73	67.6 RT	6	
100+18.99	71.2 RT		18
100+29.23	40.9 LT	10	
100+29.52	37.5 RT	12	
100+30.92	35.4 RT		18
100+31.58	39.2 LT	8	
TOTALS		1,120	248

TREE REMOVAL SCHEDULE CONT'D

LOCATION		SIZE (UNITS)	
STATION	OFFSET (FT)	6 TO 15	OVER 15
100+40.11	35.2 RT	10	
100+41.35	47.1 LT		20
100+45.79	33.2 RT	12	
100+47.62	43.9 RT	10	
100+52.98	41.0 LT	6	
100+59.69	34.6 LT	8	
100+60.06	94.3 LT		18
100+61.59	45.1 RT	6	
100+61.62	54.5 RT	10	
100+61.84	26.4 RT	12	
100+62.11	49.1 LT	8	
100+66.86	41.0 RT		18
100+68.31	32.2 RT	10	
100+68.67	40.1 LT	6	
100+74.91	49.8 RT	12	
100+76.28	26.6 RT	10	
100+76.76	59.7 RT	10	
100+81.84	35.9 LT	8	
100+82.54	40.6 RT	8	
100+87.32	33.8 RT	12	
102+98.01	35.2 LT	14	
103+03.59	46.7 LT	10	
103+10.24	41.8 LT	6	
103+11.02	41.9 LT	6	
103+11.60	71.6 RT	12	
103+17.65	50.7 LT	6	
103+18.37	30.6 RT	6	
103+25.20	46.5 LT	8	
103+30.54	30.4 RT	6	
103+33.38	50.6 LT	10	
103+34.63	31.3 RT	6	
103+40.67	45.8 LT	6	
103+42.92	48.8 LT	8	
103+48.21	51.7 LT	6	
103+48.62	39.2 LT	6	
103+48.62	39.2 LT	6	
103+48.62	39.2 LT	6	
103+50.26	46.4 LT	8	
103+68.33	38.7 LT	8	
103+69.06	42.6 LT	6	
103+70.99	45.7 LT	6	
103+72.21	29.5 RT	6	
103+73.59	82.6 RT	8	
103+82.23	42.4 LT	12	
103+82.54	45.0 LT	6	
103+83.39	35.8 LT	10	
103+90.46	42.7 RT	10	
103+96.99	50.3 LT	6	
103+97.99	51.8 LT	6	
104+01.06	44.3 RT	12	
104+10.21	45.0 LT	6	
104+20.91	26.3 RT	10	
104+29.83	40.4 RT	12	
104+33.04	46.1 LT	12	
104+34.27	48.6 LT	6	
104+35.16	41.4 RT	6	
104+51.67	46.2 LT	6	
104+54.97	42.4 RT	12	
104+55.50	30.0 RT	6	
104+55.50	30.0 RT	6	
104+64.01	48.1 LT	8	
104+70.49	28.6 RT	6	
104+81.42	36.1 RT	10	
105+12.52	33.2 RT	6	
105+59.15	42.1 RT	6	
105+60.14	40.3 RT	8	
105+61.09	41.5 RT	6	
105+75.80	60.2 RT	6	
105+75.80	60.2 RT	6	
105+75.80	60.2 RT	8	
105+87.27	29.1 RT	12	
106+00.67	34.5 RT	10	
106+90.03	29.6 RT	6	
107+07.60	54.2 RT	8	
107+08.20	52.6 RT		22
107+08.85	55.3 RT	8	
TOTALS		1,120	248

PRINT DRIVER = L:\0-ESCA\04
SCALE: 1"=100'
FILE NAME = 1003525.amx



USER NAME = rjt	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 840.01	DRAWN - HAS	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012 10:35:25 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	21
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

PAVEMENT SCHEDULE										
LOCATION	SUBBASE GRANULAR MATERIAL		BITUMINOUS MATERIALS (TACK COAT)	BITUMINOUS MATERIALS (PRIME COAT)	TEMPORARY RAMP	HMA BINDER CSE IL-19.0, N50 TON	POLY HMA SURF CSE MIX "D" N50 TON	HMA PAVEMENT (FULL DEPTH), 1 1/2" SQ YD	PAVT CONN (HMA) BRIDGE APPR SLAB SQ YD	HMA SURFACE REMOVAL, VAR. DEPTH SQ YD
	TYPE A 6" SQ YD	TYPE B 4" SQ YD								
	STA 95+50.00 TO 96+20.00			161		26		40		
STA 96+20.00 TO 96+43.86	130		55.4	276.8				123		
STA 96+43.86 TO 96+79.70	196		83.3	416.3				185		
STA 96+79.70 TO 98+20.00	814		322.7	1613.3				717		
STA 98+20.00 TO 100+52.17	1,372		534.2	2670.8				1,187		
STA 100+52.17 TO 100+62.17	41		23.2	115.9					51.5	
STA 100+62.17 TO 100+92.17		129.0								
STA 103+04.83 TO 103+34.83		129.0								
STA 103+34.83 TO 103+44.83	41		23.2	115.9					51.5	
STA 103+44.83 TO 107+80.00	2,571		1001.3	5006.3				2,225		
STA 107+80.00 TO 108+00.00	116		46.4	231.8				103		
STA 112+15.00 TO 112+95.30	69		29.3	146.3				65		
PIERCE AVENUE	160		181.5	326.3	8	40	30	145		55
TOTALS	5,510	258.0	2461.5	10919.7	44	40	70	4,750	103.0	485

• NOT A PAY ITEM

PCC SIDEWALK SCHEDULE					
LOCATION	AGGREGATE BASE COURSE TYPE B 4"	PCC BRIDGE APPR SHLD PAVEMENT (SPL)	PCC SIDEWALK 5 INCH	DETECTABLE WARNINGS	PCC SIDEWALK 8 INCH, SPECIAL
	SQ YD	SQ YD	SQ FT	SQ FT	SQ FT
NW QUADRANT OF PIERCE AVE. INT.	33.0		300	30	
STA 96+43.86 TO 96+79.70	51.0		460	20	
STA 96+79.70 TO 98+20.00	124.7		1,125		
STA 98+20.00 TO 100+52.17	207.0				2,090
STA 100+52.17 TO 100+62.17	8.7				23
STA 100+62.17 TO 100+92.17	17.6	28			
STA 103+04.83 TO 103+34.83	33.2	31			64
STA 103+34.83 TO 103+44.83	8.7				88
STA 103+44.83 TO 107+80.00	383.4				3,865
STA 107+80.00 TO 108+00.00	17.8			160	
STA 108+00.00 TO 108+80.00	*** 71.1		*** 640		
STA 108+80.00 TO 109+00.00	*** 17.8		*** 160		
STA 109+00.00 TO 111+00.00	*** 178.0		*** 1,600		
NW QUADRANT OF CARDINAL DR. INT.	*** 24.0		*** 215	*** 25	
TOTALS	1,176.0	59	4,660	75	6,130

*** 20% VILLAGE/80% STATE

PAVEMENT & APPURTENANCE REMOVAL SCHEDULE					
LOCATION	PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	PAVED DITCH REMOVAL	PAVED SHOULDER REMOVAL
	SQ YD	FOOT	SQ FT	FOOT	SQ YD
NW QUADRANT OF PIERCE AVE. INT.		135	189		
STA 96+20.00 TO 96+43.86	147				
STA 96+43.86 TO 96+61.00	91	93	375		
STA 96+61.00 TO BRIDGE	1,005				
BRIDGE TO STA 108+00.00	1,220	85	18		
STA 108+00.00 TO 109+00.00			** 600		
STA 109+00.00 TO 110+94.00			** 1,164		
NW QUADRANT OF CARDINAL DR. INT.		** 40	** 214		
STA 112+15.00 TO 112+26.83	7				
I-57 STA 225+00, DITCH RT				33	
I-57 STA 225+34.50 TO 225+52.50, RT					3
I-57 STA 225+67.50 TO 225+85.50, LT					3
TOTALS	2,470	353	2,560	33	6

** 100% VILLAGE

SHOULDER SCHEDULE				
LOCATION	BITUMINOUS MATERIALS (TACK COAT)	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE SHOULDERS, TYPE B	HMA SHOULDERS, 10"
	POUND	POUND	TON	SQ YD
I-57 STA 224+50.00 TO 226+50.00, MEDIAN			10.0	
I-57 STA 225+34.50 TO 225+52.50, RT	1.4	6.8	1.5	3
I-57 STA 225+67.50 TO 225+85.50, LT	1.4	6.8	1.5	3
TOTALS	2.8	13.6	13.0	6

PROTECTIVE COAT SCHEDULE	
LOCATION	PROTECTIVE COAT
	SQ YD
CONCRETE BARRIER AND BASE ON APPROACHES	668.0
CONC CURB & GUTTER, TYPE B-6.12	26.8
CONC CURB & GUTTER, TYPE B-6.24	139.3
CONC CURB & GUTTER, TYPE M-4.24	278.2
PCC SIDEWALK 5 INCH	517.9
PCC SIDEWALK 8 INCH, SPECIAL	677.8
PCC BRIDGE APPROACH SHOULDER PAVEMENT	59.0
TOTAL	2,367.0

EROSION CONTROL SCHEDULE					
LOCATION	TEMP EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	STONE RIPRAP, CLASS A3
	POUND	FOOT	FOOT	EACH	SQ YD
ON BARE AREAS AS NEEDED	340				
STA 95+62.38, 40.76' LT				1	
STA 96+00 TO 101+20, RT			520		
STA 96+80 TO 100+10, LT			330		
STA 98+00, DITCH RT		15			
STA 98+79.40, 73.25' LT				1	
STA 99+50, DITCH RT		15			
STA 100+08.08, 83.57' LT					27
STA 100+94.83, 86.81' LT				1	
STA 101+00, DITCH RT		15			
STA 102+56.43, 68.90' LT				1	
STA 102+70 TO 111+20, LT			850		
STA 103+20 TO 108+20, RT			500		
STA 104+50, DITCH LT		15			
STA 106+00, DITCH LT		15			
STA 106+00, DITCH RT		15			
STA 106+39.20, 63.00' LT				1	
STA 106+53.00, 56.00' RT					27
STA 107+50.00, 59.00' LT				1	
STA 109+15.00, 64.00' LT				1	
I-57 STA 223+75, MEDIAN DITCH		20			
I-57 STA 224+25, DITCH RT		20			
I-57 STA 224+75, DITCH LT		20			
I-57 STA 228+00.60, 7.00' LT				1	
TOTALS	340	150	2,200	8	54

RAILING SCHEDULE			
LOCATION	BICYCLE RAILING	BRIDGE FENCE RAILING (SIDEWALK)	PARAPET RAILING
	FOOT	FOOT	FOOT
STA 98+22 TO 99+29, LT	107		106
STA 99+29 TO 100+55, LT	126		126
STA 100+55 TO 103+27, LT		273	273
STA 103+27 TO 104+53, LT	126		126
STA 104+53 TO 107+78, LT	325		324
TOTALS	684	273	** 955

** VILLAGE RESPONSIBLE FOR 63% OF QUANTITY OF PARAPET RAILING NOT ON STRUCTURE

CULVERT REMOVAL SCHEDULE		
LOCATION	CONCRETE HEADWALL REMOVAL	PIPE CULVERT REMOVAL
	EACH	FOOT
STA 96+54.9 TO 96+64.9, 34.4' LT		10
STA 101+04.4, 56.7' LT TO 101+33.1, 44.4' RT	2	106
STA 102+63.0, 45.6' LT TO 102+91.6, 55.4' RT	2	106
STA 106+40.0, 27.4' RT TO 35.4' RT	1	8
STA 106+52.8 TO 107+30.3, 50.6' LT		78
TOTALS	5	308

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	22
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 66885	

PRINT DRIVER = RETURN TO ESCA CONSULTANTS, INC. 11/13/27 PM



USER NAME = corcoranim	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 040.01	DRAWN - HAS	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - RDP	REVISED -
PLOT DATE = 8/15/2017	DATE - 06/12	REVISED -

CURB AND GUTTER SCHEDULE				
LOCATION	SUBBASE GRANULAR MATERIAL, TYPE B TON	COMBINATION CONCRETE CURB AND GUTTER		
		TYPE B-6.12 FOOT	TYPE B-6.24 FOOT	TYPE M-4.24 FOOT
		STA 95+50.00 TO PIERCE AVE., LT	1.5	
STA 96+00.00 TO 96+43.86, RT	1.4		44	
STA 96+43.86 TO 96+79.70, LT	1.6		42	
STA 96+43.86 TO 100+84.52, RT	13.4			445
STA 96+79.70 TO 98+20.00, LT	4.2		141	
STA 103+27.18 TO 107+10.00, RT	11.5			385
STA 107+10.00 TO 108+00.00, RT	2.7		90	
STA 107+80.00 TO 108+70.00, LT	2.7			90
STA 108+70.00 TO 108+80.00, LT	0.3		10	
NW QUADRANT OF CARDINAL DR. INT.	1.2		40	
PIERCE AVENUE, LT	2.5	85		
PIERCE AVENUE, RT	1.0	35		
TOTALS	44.0	120	***417	920

*** 20% VILLAGE/80% STATE

SURVEY AND ROW MARKERS SCHEDULE			
LOCATION	FURNISHING AND ERECTING ROW MARKERS	PERMANENT SURVEY MARKERS, TYPE I	REMOVE ROW MARKERS
	EACH	EACH	EACH
STA 99+49.67, 80.40' LT	1		
STA 100+08.9, 60.4' RT			1
STA 100+31.69, 77.09' RT	1		
STA 102+69.96, 115.00' LT	1		
STA 102+75.0, 97.1' LT			1
STA 106+84.67, 0.00' LT		1	
STA 107+09.8, 45.8' RT			1
STA 107+50.00, 85.00' LT	1		
STA 111+00.00, 50.00' LT	1		
STA 111+91.73, 50.00' LT	1		
STA 113+52.91, 0.00' LT		1	
TOTALS	6	2	3

WOVEN WIRE FENCE SCHEDULE		
LOCATION	WOVEN WIRE FENCE, 4'	WOVEN WIRE FENCE REMOVAL
	FOOT	FOOT
NW CORNER OF BRIDGE	65	100
SW CORNER OF BRIDGE	87	110
NE CORNER OF BRIDGE	77	115
SE CORNER OF BRIDGE	57	55
STA 103+28, 85' RT TO 107+10, 55' RT	384	
STA 103+30, 58.4' RT TO 107+09, 45.6' RT		380
STA 107+09, 45.6' RT TO 55' RT		10
TOTALS	670	770

GUARDRAIL SCHEDULE								
LOCATION	SPBGR, TYPE B, 6 FOOT POSTS FOOT	TRAFFIC BARRIER TERMINAL			GUARDRAIL REMOVAL FOOT	REMOVE AND REERECT TBT, TYPE 5 EACH	GUARDRAIL REFLECTORS, TYPE A EACH	TERMINAL MARKER-DIRECT APPLIED EACH
		TYPE 2 EACH	TYPE 6 EACH	T1 (SPL) TAN EACH				
		STA 96+25 TO 101+00, RT						
STA 96+40, RT							1	
STA 96+54 TO 100+94, LT								
STA 96+91.4 TO 100+41.4, RT	350.0							
STA 100+66.4, RT							5	
STA 100+84.5, RT							1	
STA 102+95 TO 107+96, LT								
STA 103+03 TO 107+80, RT								
STA 103+27.0, RT								
STA 103+70.3 TO 107+07.8, RT	337.5							
STA 107+07.8, RT							1	
STA 107+80.0, LT								
STA 108+23.1, LT								
STA 108+75, LT							1	
STA 112+15, RT							1	
STA 112+18 TO 112+79, RT								
STA 112+66.8, RT							1	
STA 112+90, RT							1	
I-57 STA 221+35 TO 225+43, RT								
I-57 STA 225+76 TO 229+85, LT								
TOTALS	687.5	1	3	3	2,775	1	9	3

CONCRETE BARRIER SCHEDULE				
LOCATION	CONCRETE BARRIER, SINGLE FACE, 34 INCH HEIGHT	*CONCRETE BARRIER ON BRIDGE AND APPR PVMT	CONCRETE BARRIER BASE	BARRIER WALL REFLECTORS, TYPE B
	FOOT	FOOT	EACH	EACH
STA 98+20.00 TO 99+26.00, LT	106		106	
STA 99+26.00 TO 100+54.83, LT	129		129	1
STA 100+54.83 TO 103+27.48, LT		273		
STA 103+27.48 TO 104+56.00, LT	129		129	1
STA 104+56.00 TO 107+80.00, LT	324		324	4
TOTALS	**688	273	**688	6

*NOT A PAY ITEM
** VILLAGE RESPONSIBLE FOR 63% OF QUANTITY NOT ON STRUCTURE

UTILITY ADJUSTMENT SCHEDULE			
LOCATION	WATER VALVES TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED
	EACH	EACH	EACH
STA 97+05.9, 54.6' LT (WM)	1		
STA 109+60.58, 45.82' LT (SS)		1	
STA 97+03.6, 48.4' LT (SANS)			1
STA 100+56.9, 72.6' LT (TEL)			1
STA 106+30.4, 48.5' LT (TEL)			1
TOTALS	1	1	3

LOCATION	TRENCH BACKFILL CU YD	PIPE CULVERTS, CLASS A		REINFORCED CONCRETE PIPE ELBOW 30"	STORM SEWERS, CLASS A								STORM SEWER REMOVAL 24"	PIPE DRAINS CORR. STEEL OR ALUM. ALLOY 12"	CONCRETE THRUST BLOCKS EACH
		TYPE 2 30"	TYPE 3 24"		TYPE 1 12"	TYPE 1 24"	TYPE 2 12"	TYPE 2 15"	TYPE 2 24"	TYPE 2 30"	TYPE 3 15"	TYPE 3 24"			
		FOOT	FOOT		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT			
STA 96+57.20, 34.33' LT TO 96+70.00, 27.84' LT	2.1														
STA 96+70.00, 25.00' RT TO 27.84' LT	9.0				50										
STA 96+70.00 TO 96+90.00, 25.00' RT	2.4				18										
STA 96+70.00, 27.84' LT TO 96+90.00, 25.00' LT	2.1				16										
STA 96+70.00, 27.84' LT TO 97+18.40, 43.90' LT	41.7								45						
STA 97+18.40, 43.90' LT TO 98+25.00, 55.30' LT									103						
STA 98+25.00, 25.00' LT TO 55.30' LT	15.0														
STA 98+25.00, 55.30' LT TO 98+84.00, 59.12' LT										55					
STA 98+79.40, 73.25' LT TO 98+84.00, 59.12' LT					12										
STA 98+84.00, 59.12' LT TO 99+40.00, 62.74' LT										52					
STA 99+40.00, 25.00' RT TO 25.00' LT	14.1						47								
STA 99+40.00, 25.00' LT TO 62.74' LT	20.0														
STA 99+40.00, 62.74' LT TO 100+08.08, 83.57' LT										64					
STA 100+00.00, 83.05' LT															
STA 100+94.83, 86.81' LT TO 101+40.58, 68.90' RT		150													
STA 102+56.43, 68.90' LT TO 103+02.18, 86.81' RT		150													
STA 104+43.80, 25.00' RT TO 25.00' LT	14.1							47							
STA 104+43.80 TO 106+09.40, 25.00' LT	104.0								162						
STA 106+09.40, 25.00' RT TO 25.00' LT	33.4								47						
STA 106+09.40, 25.00' RT TO 30.00' RT	1.6								2						
STA 106+09.40 TO 106+40.10, 30.00' RT	24.7								27						
STA 106+39.20, 63.00' LT TO 106+39.50, 33.00' LT	30.1		24												
STA 106+40.10, 30.00' RT TO 107+75.15, 29.53' RT	151.4														
STA 106+40.10, 30.00' RT TO 106+53.00, 56.00' RT											131				
STA 107+50.00, 59.00' LT TO 109+20.50, 45.50' LT										163		21			
STA 107+74.87, 25.47' LT TO 107+75.13, 24.53' RT	32.7														
STA 107+75.13, 24.53' RT TO 107+75.15, 29.53' RT	1.6														
STA 109+15.00, 64.00' LT TO 109+20.50, 45.50' LT															
STA 109+17, 57' LT TO 109+60.58, 45.82' LT													45		
STA 109+20.50, 45.50' LT TO 109+60.58, 45.82' LT															
TOTALS	500.0	300	24	1	96	21	143	238	348	171	131	21	45	57	2

PRINT DRIVER = BELTWORKS
 MODEL NAME = PLOT1200A
 FILE NAME = C:\ESCADRAW\2017\08\08\08.dwg



USER NAME = corcoranim
 ESCA PROJECT NO. 840.01
 PLOT SCALE = 0.1667' / 1"
 PLOT DATE = 8/17/2017 3:00:44 PM

DESIGNED - MTD
 DRAWN - HAS
 CHECKED - RDP
 DATE - 06/12

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	23
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

PAVEMENT MARKING SCHEDULE

LOCATION	DESCRIPTION	SHORT TERM PVMT MARK	SHORT TERM PVMT MARK REM	TEMPORARY PAVEMENT MARKING					PVMT MARK REMOVAL - WATER BLASTING	THERMOPLASTIC PAVEMENT MARKING					EPOXY PAVEMENT MARKING
				LETTERS & SYMB	LINE 6"	LINE 8"	LINE 12"	LINE 24"		LETTERS & SYMB	LINE 6"	LINE 8"	LINE 12"	LINE 24"	
				SQ FT	FOOT	FOOT	FOOT	FOOT		SQ FT	FOOT	FOOT	FOOT	FOOT	
STA 93+90 TO 107+00, LT	SKIP-DASH WHITE	132	44.0		330				165.0		260				70
STA 93+90 TO 107+00, RT	SKIP-DASH WHITE	132	44.0		330				165.0		260				70
STA 94+10 TO 95+80, CL	SOLID YELLOW - DOUBLE	40	13.3		340				170.0		340				
PIERCE AVENUE STOP BAR	SOLID WHITE						21		42.0				21		
PIERCE AVENUE CROSSWALK	SOLID WHITE				150				75.0		150				
STA 96+60 TO 111+10, CL	SOLID YELLOW - DOUBLE	304	101.3		2900				1450.0		2355				545
STA 106+00, RT	SOLID WHITE - 'LEFT'			18.3					18.3	18.3					
STA 106+40, RT	SOLID WHITE - 'TURN'			23.0					23.0	23.0					
STA 106+80, RT	SOLID WHITE - 'ONLY'			21.0					21.0	21.0					
STA 107+00 TO 110+80, LT	SKIP-DASH WHITE	44	14.7		100				50.0		100				
STA 107+00 TO 109+95, RT	SKIP-DASH WHITE	32	10.7			72			48.0			72			
STA 109+95 TO 111+10, RT	SOLID WHITE	12	4.0			118			78.7			118			
STA 110+24, RT	SOLID WHITE - THRU ARROW			11.5					11.5	11.5					
STA 110+24, RT	SOLID WHITE - LEFT TURN ARROW			15.6					15.6	15.6					
STA 110+89, RT	SOLID WHITE - THRU ARROW			11.5					11.5	11.5					
STA 110+89, RT	SOLID WHITE - LEFT TURN ARROW			15.6					15.6	15.6					
CARDINAL DRIVE STOP BAR	SOLID WHITE						19		38.0				19		
CARDINAL DRIVE CROSS WALK	SOLID WHITE				150				75.0		150				
STA 111+18 TO 112+98, RT	SOLID WHITE	24	8.0			180	50		170.0			180	50		
STA 111+70, RT	SOLID WHITE - LANE DROP ARROW			41.5					41.5	41.5					
TOTALS		720	240.0	158	4300	370	50	40	2684.7	158.0	3615	370	50	40	685

SIGN SCHEDULE

LOCATION	SIGN PANEL - TYPE 1	REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL - TYPE 1	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	RELOCATE SIGN PANEL - TYPE 1	RELOCATE SIGN PANEL - TYPE 2	TELESCOPING STEEL SIGN SUPPORT	REMOVE GROUND MOUNTED SIGN SUPPORT	
	SQ FT	EACH	SQ FT	EACH	SQ FT	SQ FT	FOOT	EACH	
'LANE ENDS' SIGN JUST EAST OF JACKSON ST			9					1	
STA 92+80.5, 32.8' RT			9					1	
STA 95+25, 26.4' RT	5		5						
STA 96+08, 53' LT					6.5				
STA 96+24, 12' RT								1	
STA 96+24, 13' RT			3					1	
STA 96+24, 18' RT			3					1	
STA 96+24, 23' RT			3					1	
STA 106+70, 29.0' RT	7						15		
STA 107+30, 29' RT					1.0				
STA 107+76, 17.3' RT			5					1	
STA 107+96, 17' LT		1						1	
STA 107+96, 23' LT		1						1	
STA 107+96, 29' LT		1						1	
STA 109+87, 43' LT						12			
STA 110+82, 34.2' LT			5					1	
STA 111+18, 45' LT					6.5				
STA 112+21, 26.5' RT				1					
STA 112+46, 16.5' LT	5		8						
STA 112+46, 25' RT					5.0				
STA 112+71, 21.2' RT				1					
TOTALS		17	3	50	2	19.0	12	15	11

PAVEMENT MARKING REMOVAL SCHEDULE

LOCATION	DESCRIPTION	PVMT MARK REM WATER BLASTING
		SQ FT
STA 93+90 TO 96+43.86, CL	6" SOLID DOUBLE CENTERLINE	225
STA 93+90 TO 96+43.86, RT	8" SOLID LANE LINE TAPER	162
STA 93+90 TO 96+43.86, RT	12" SOLID LINE - DIAGONALS	103
PIERCE AVENUE CROSSWALK	6" SOLID LINE	62
PIERCE AVENUE STOP BAR	24" SOLID LINE	44
STA 108+00 TO 111+10, CL	6" SOLID DOUBLE CENTERLINE	310
STA 108+00 TO 110+94, LT	8" SOLID LANE LINE TAPER	197
STA 108+00 TO 110+94, LT	12" SOLID LINE - DIAGONALS	90
STA 108+00 TO 112+15, RT	8" SOLID EDGE LINE	277
STA 108+00 TO 112+15, RT	12" SOLID LINE - DIAGONALS	315
CARDINAL DRIVE LANE LINE	6" SOLID LINE	2
CARDINAL DRIVE STOP BAR	24" SOLID LINE	40
STA 112+15 TO 112+98, RT	4" SOLID EDGE LINE	28
TOTAL		1855

TEMP CONC BARRIER AND TEMP IMPACT ATTENUATOR SCHEDULE

LOCATION	TEMP CONC BARRIER	REL TEMP CONC BARRIER	IMPACT ATTENUATORS, TEMP (SEVERE USE, NARROW), TL3	IMPACT ATTENUATORS, REL (SEVERE USE, NARROW), TL3	
	FOOT	FOOT	EACH	EACH	
I-57 STA 221+85, NB			2		
I-57 STA 221+85 TO 226+85, NB	1,000				
I-57 STA 224+35 TO 229+35, SB	1,000				
I-57 STA 229+35, SB			2		
I-57 STA 223+35, NB				2	
I-57 STA 223+35 TO 226+85, NB		700			
I-57 STA 224+35 TO 227+85, SB		700			
I-57 STA 227+85, SB				2	
TOTALS		2,000	1,400	4	4

FOR USE WITH TC&P STANDARD 701402 (SPECIAL)

PRINT DRIVER = BELTWAY
 PLOT NAME = PLOT1
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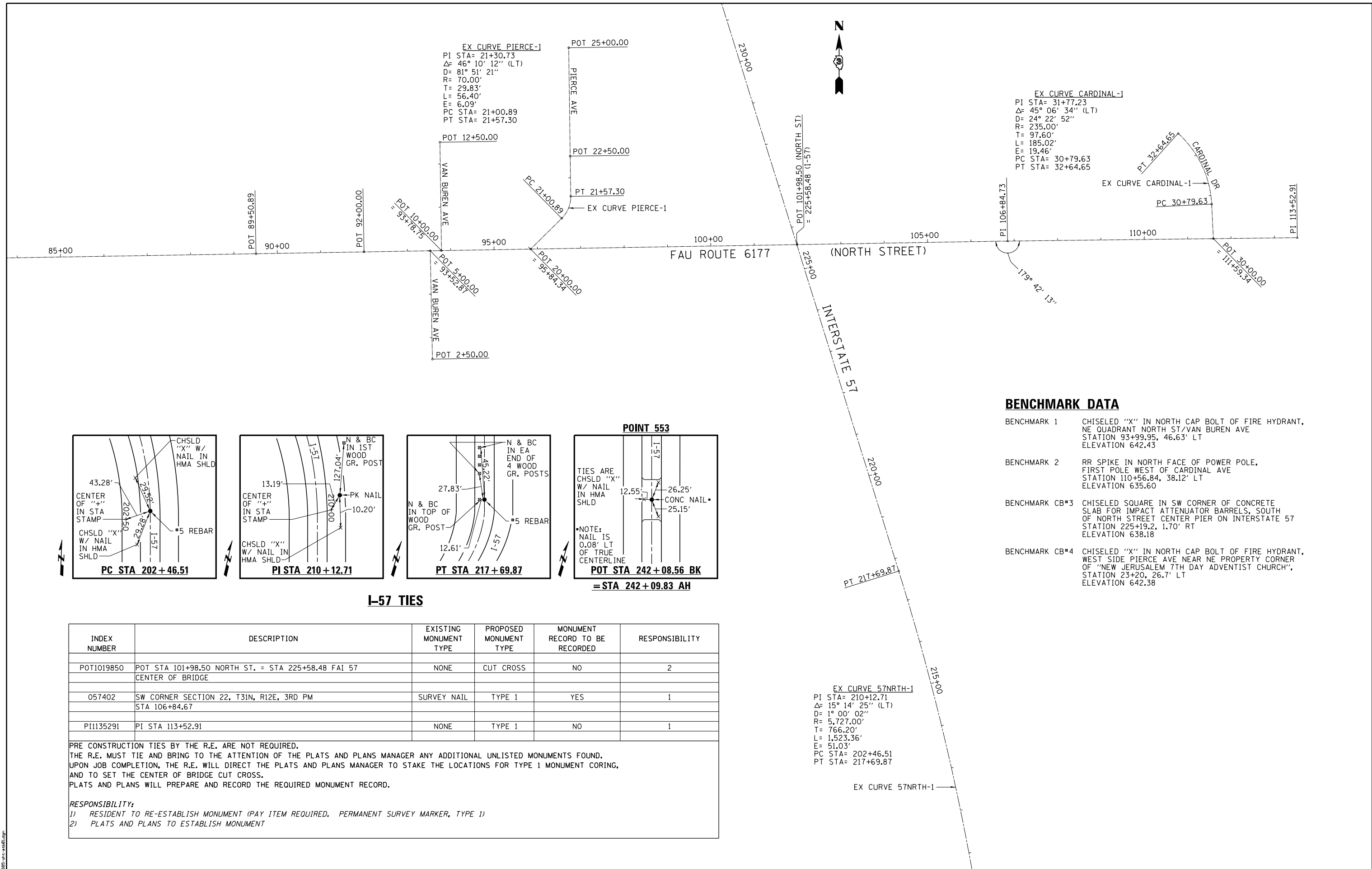
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ESCA PROJECT NO. 040.01	DRAWN - HAS	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 8/10/2017 10:24:36 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

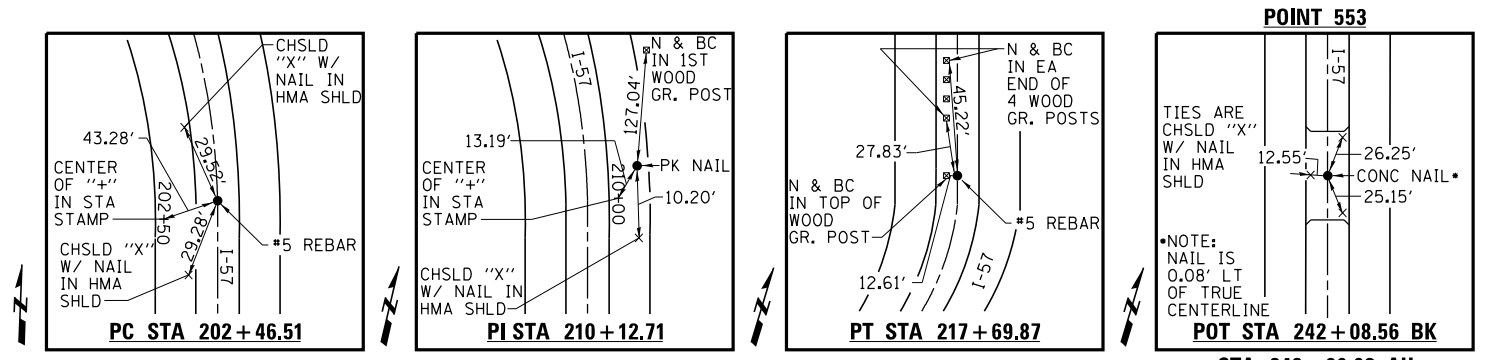
SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



BENCHMARK DATA

- BENCHMARK 1 CHISELED "X" IN NORTH CAP BOLT OF FIRE HYDRANT, NE QUADRANT NORTH ST/VAN BUREN AVE STATION 93+99.95, 46.63' LT ELEVATION 642.43
- BENCHMARK 2 RR SPIKE IN NORTH FACE OF POWER POLE, FIRST POLE WEST OF CARDINAL AVE STATION 110+56.84, 38.12' LT ELEVATION 635.60
- BENCHMARK CB*3 CHISELED SQUARE IN SW CORNER OF CONCRETE SLAB FOR IMPACT ATTENUATOR BARRELS, SOUTH OF NORTH STREET CENTER PIER ON INTERSTATE 57 STATION 225+19.2, 1.70' RT ELEVATION 638.18
- BENCHMARK CB*4 CHISELED "X" IN NORTH CAP BOLT OF FIRE HYDRANT, WEST SIDE PIERCE AVE NEAR NE PROPERTY CORNER OF "NEW JERUSALEM 7TH DAY ADVENTIST CHURCH", STATION 23+20, 26.7' LT ELEVATION 642.38



I-57 TIES

INDEX NUMBER	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
POT1019850	POT STA 101+98.50 NORTH ST. = STA 225+58.48 FAI 57 CENTER OF BRIDGE	NONE	CUT CROSS	NO	2
057402	SW CORNER SECTION 22, T31N, R12E, 3RD PM STA 106+84.67	SURVEY NAIL	TYPE 1	YES	1
PI1135291	PI STA 113+52.91	NONE	TYPE 1	NO	1

PRE CONSTRUCTION TIES BY THE R.E. ARE NOT REQUIRED. THE R.E. MUST TIE AND BRING TO THE ATTENTION OF THE PLATS AND PLANS MANAGER ANY ADDITIONAL UNLISTED MONUMENTS FOUND. UPON JOB COMPLETION, THE R.E. WILL DIRECT THE PLATS AND PLANS MANAGER TO STAKE THE LOCATIONS FOR TYPE 1 MONUMENT CORING, AND TO SET THE CENTER OF BRIDGE CUT CROSS. PLATS AND PLANS WILL PREPARE AND RECORD THE REQUIRED MONUMENT RECORD.

RESPONSIBILITY:
 1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)
 2) PLATS AND PLANS TO ESTABLISH MONUMENT

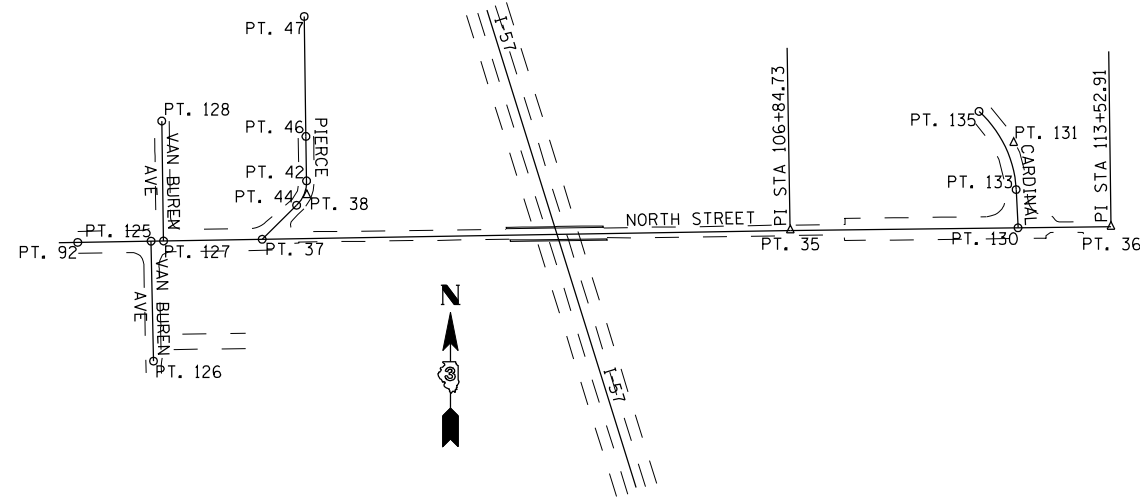


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ESCA PROJECT NO. 040.01	DRAWN - DWH/HAS	REVISED -
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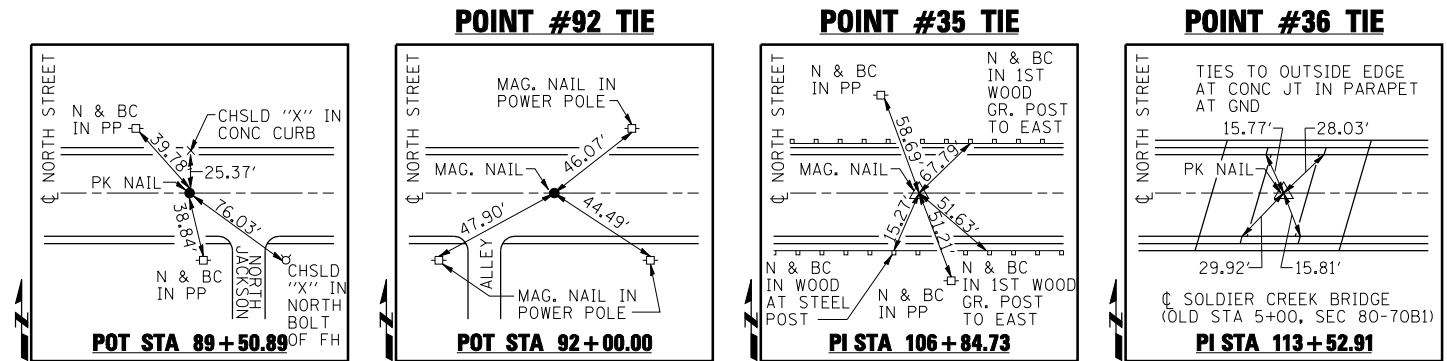
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS
 SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

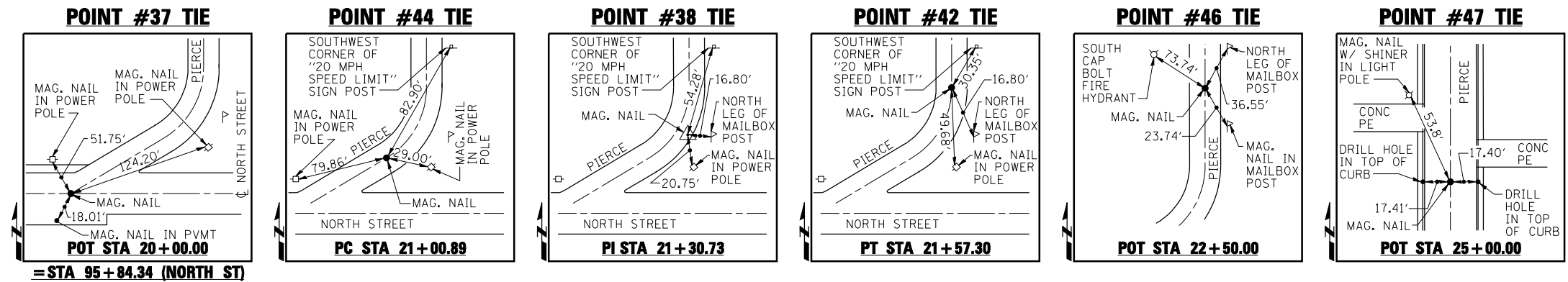
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



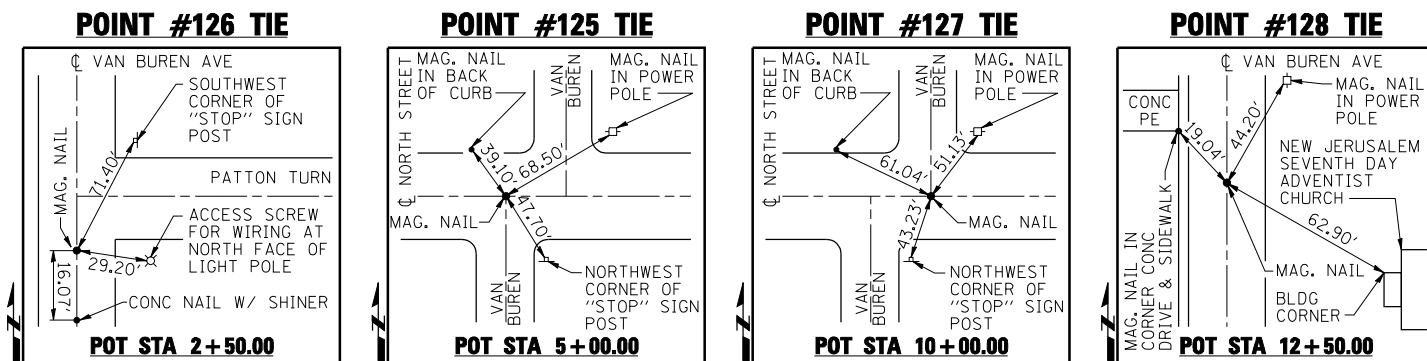
CONTROL POINT KEY PLAN



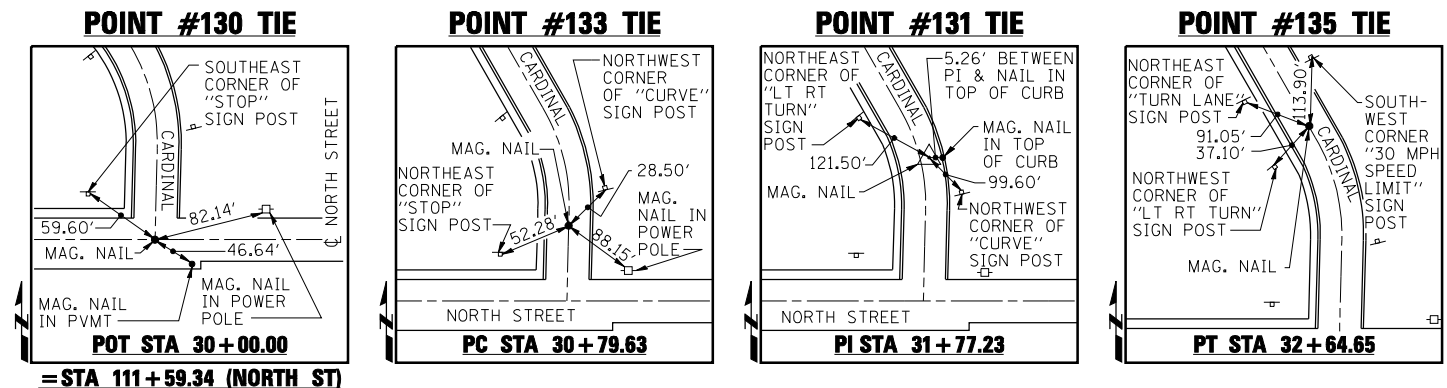
NORTH STREET TIES



PIERCE AVE TIES



VAN BUREN AVE TIES



CARDINAL DR TIES

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 FILE NAME: L:\05-ESCA\011...



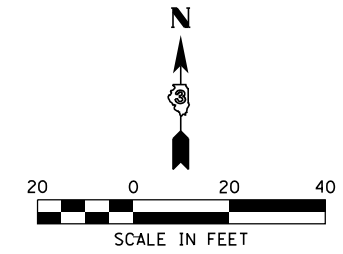
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PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS

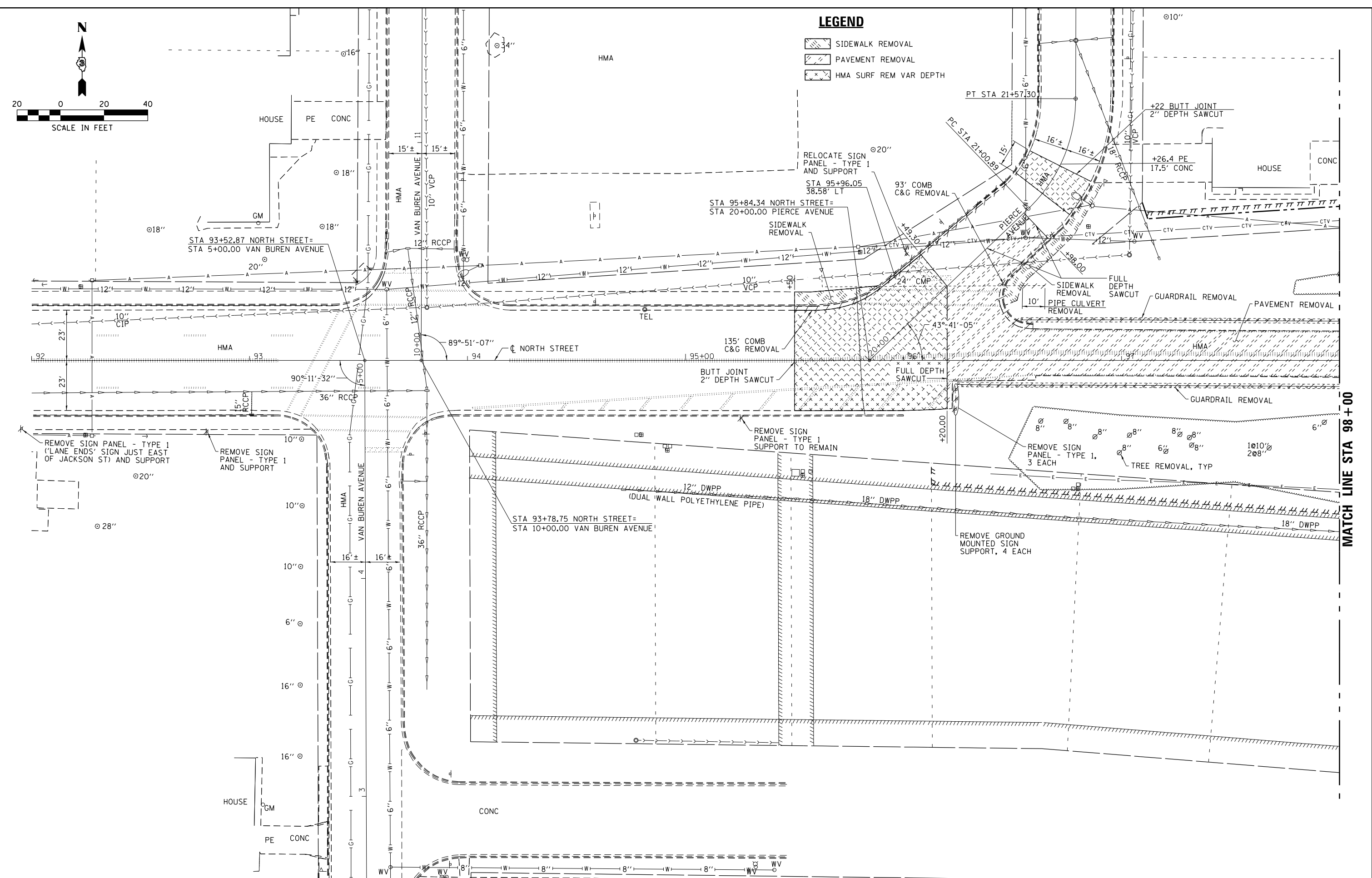
SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	26
CONTRACT NO. 66885				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- HMA SURF REM VAR DEPTH



MATCH LINE STA 98+00



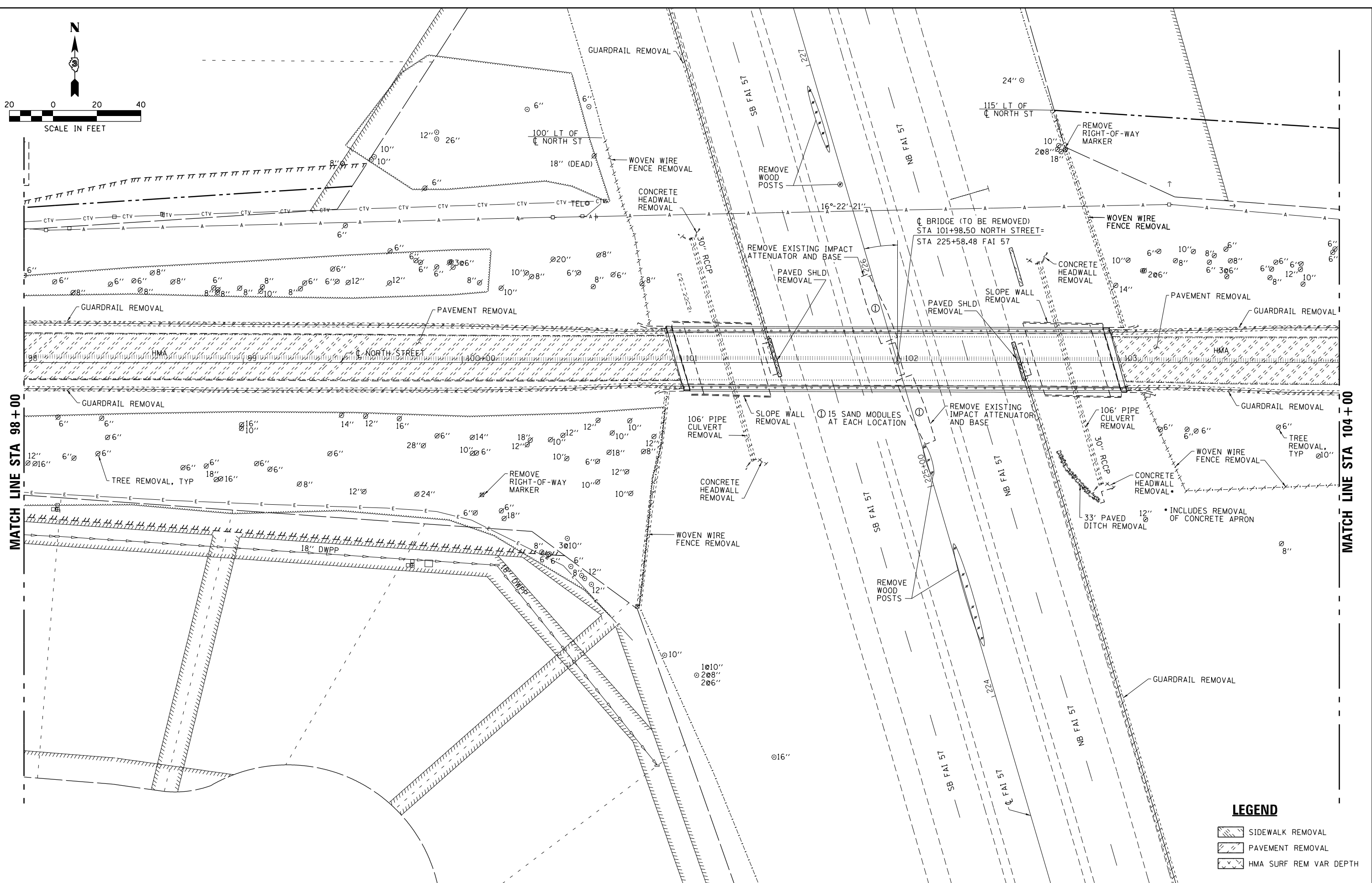
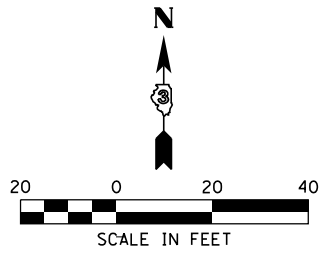
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PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 8/15/2017	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET NO. 1 OF 4 SHEETS STA. 92+00 TO STA. 98+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	27
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



LEGEND

- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- HMA SURF REM VAR DEPTH

PRINT DRIVER = BELTINES
 PLOT DATE = 8/15/2017
 PLOT SCALE = 0.1667' / 1"



USER NAME = corcoranm
 ESCA PROJECT NO. 040.01
 PLOT SCALE = 0.1667' / 1"
 PLOT DATE = 8/15/2017

DESIGNED - MTD
 DRAWN - DWH/HAS
 CHECKED - RDP
 DATE - 06/12

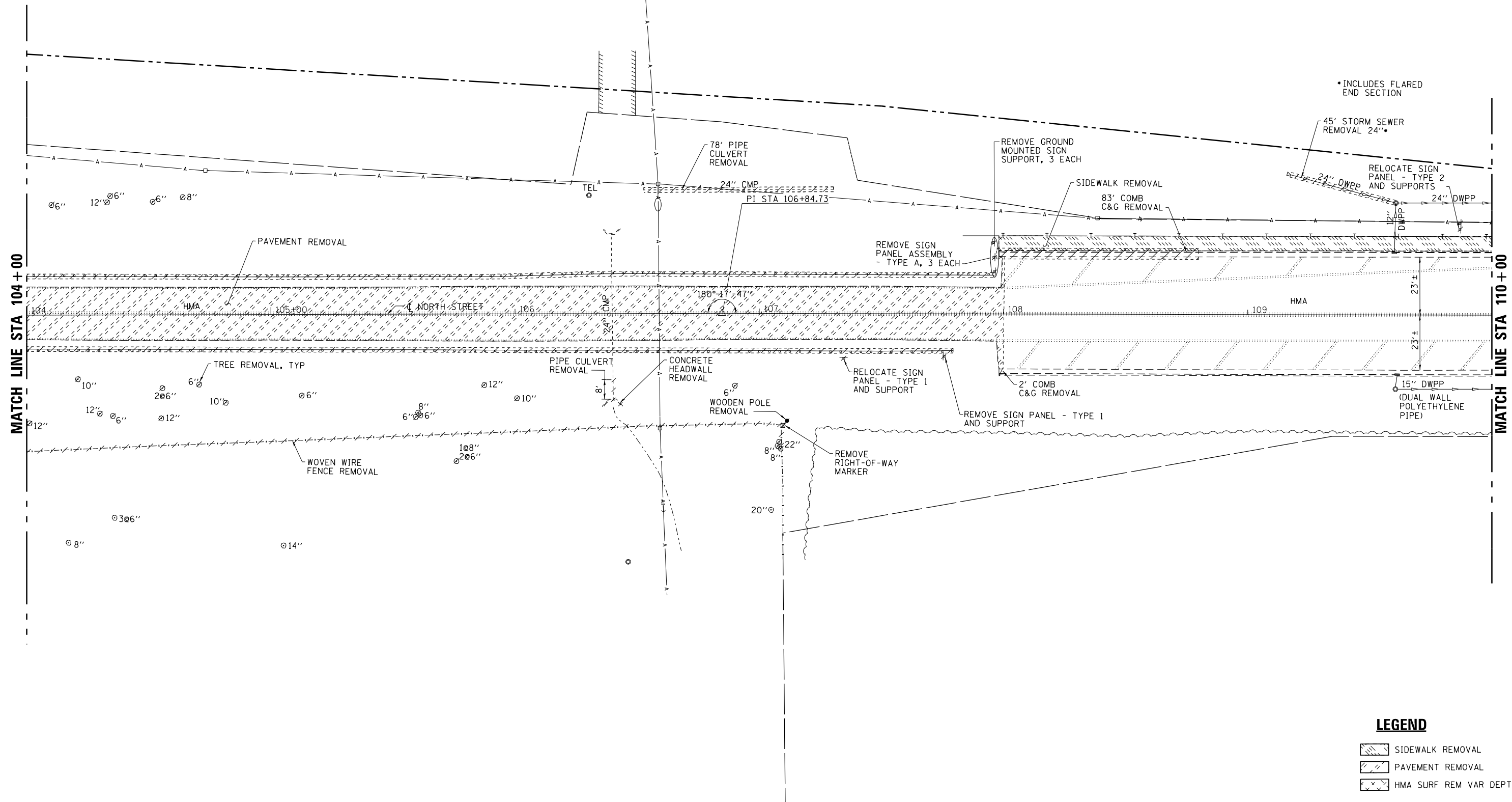
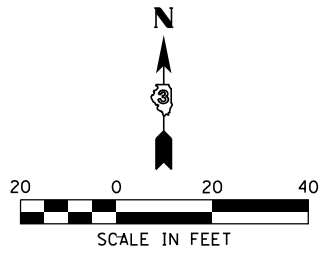
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET NO. 2 OF 4 SHEETS STA. 98+00 TO STA. 104+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	28
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 66885	



LEGEND

- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- HMA SURF REM VAR DEPTH



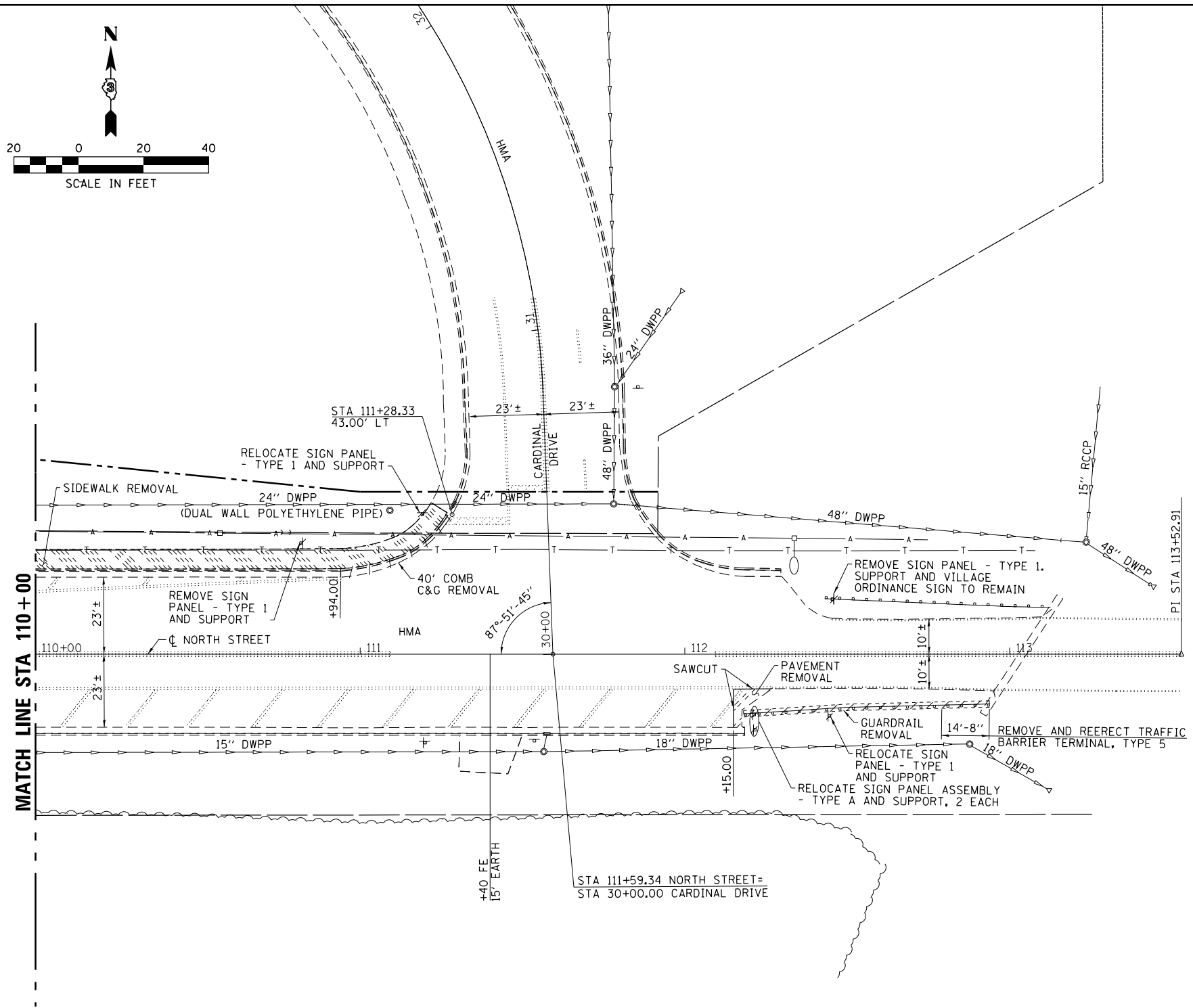
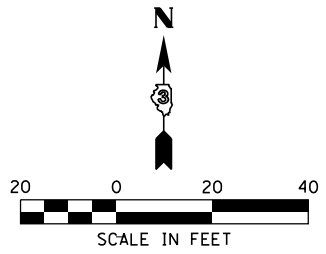
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PLOT DATE = 8/15/2017 2:42:55 PM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET NO. 3 OF 4 SHEETS STA. 104+00 TO STA. 110+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	29
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



MATCH LINE STA 110+00

LEGEND

- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- HMA SURF REM VAR DEPTH

PRINT DRIVER = B:\LINES
 SOURCE NAME = PLOT
 FILE NAME = 030805.dwg
 DATE = 8/15/2017



USER NAME = corcoranim	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 040.01	DRAWN - DWH/HAS	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 8/15/2017 2:44:44 PM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

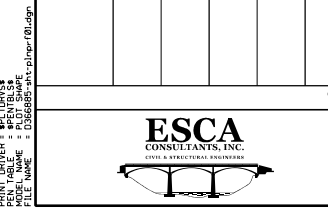
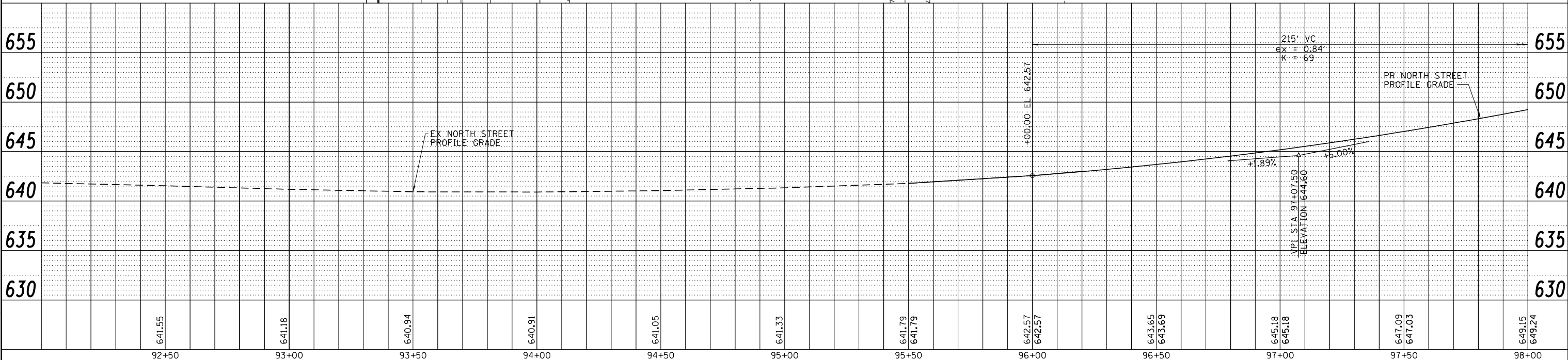
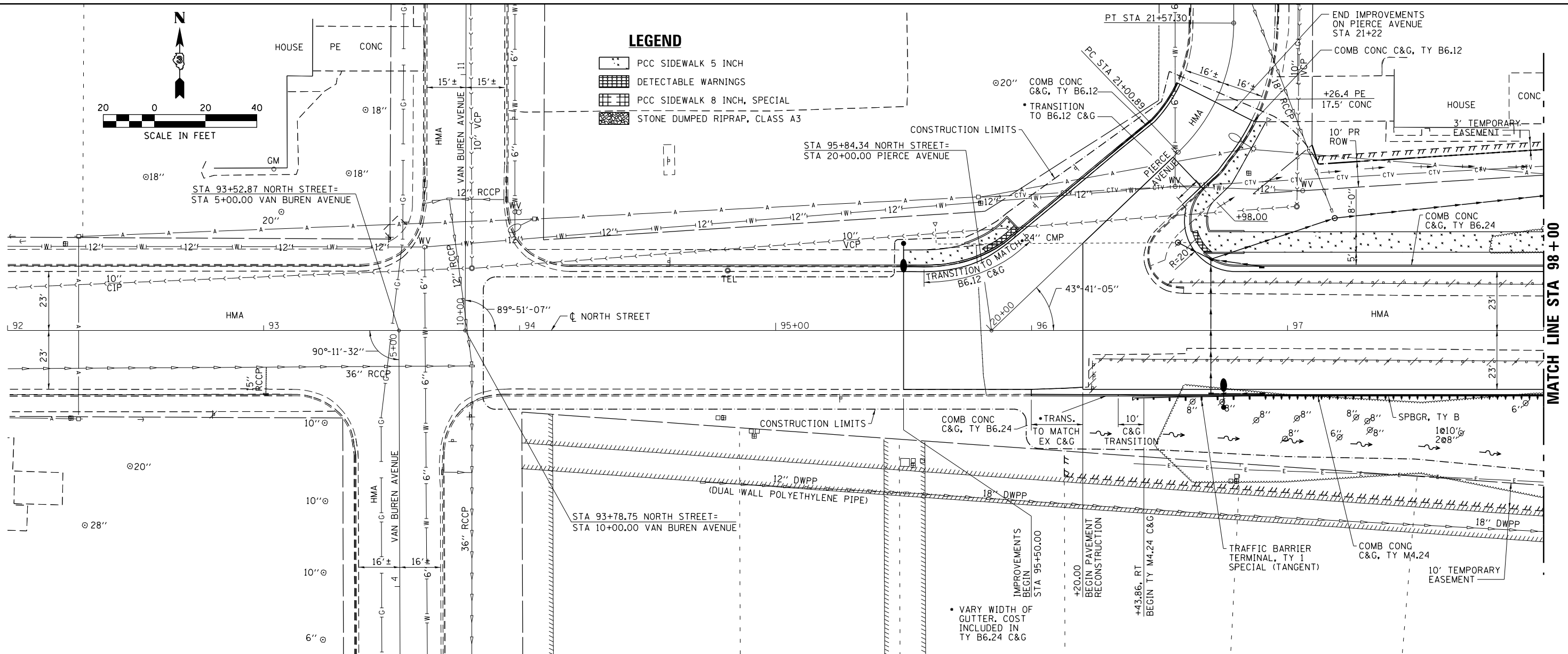
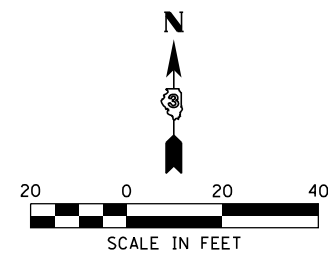
SCALE: 1"=20' SHEET NO. 4 OF 4 SHEETS STA. 110+00 TO STA. 113+52.91

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	30
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

- LEGEND**
- PCC SIDEWALK 5 INCH
 - DETECTABLE WARNINGS
 - PCC SIDEWALK 8 INCH, SPECIAL
 - STONE DUMPED RIPRAP, CLASS A3



USER NAME = corcoranm	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 040.01	DRAWN - RJT/HAS	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RDP	REVISED -
PLOT DATE = 8/15/2017	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

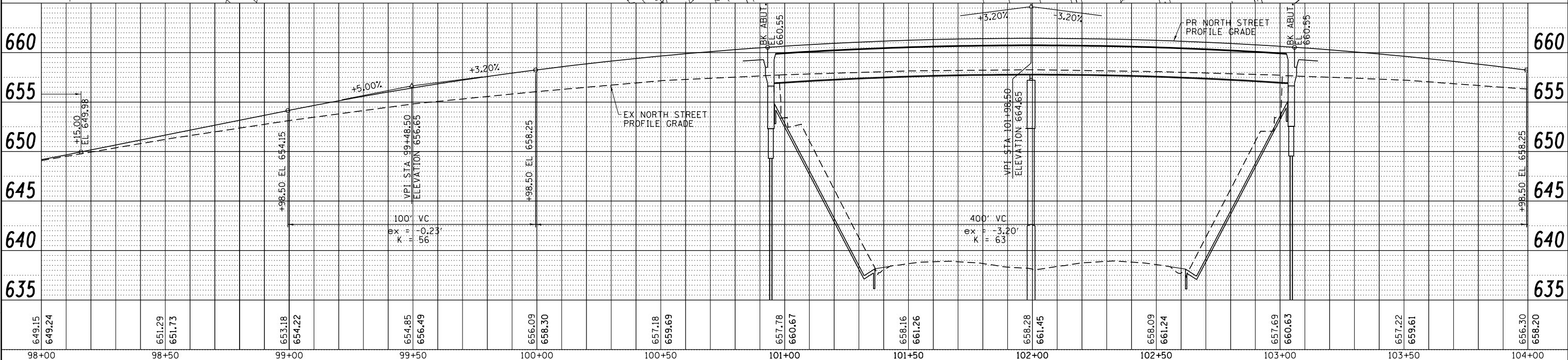
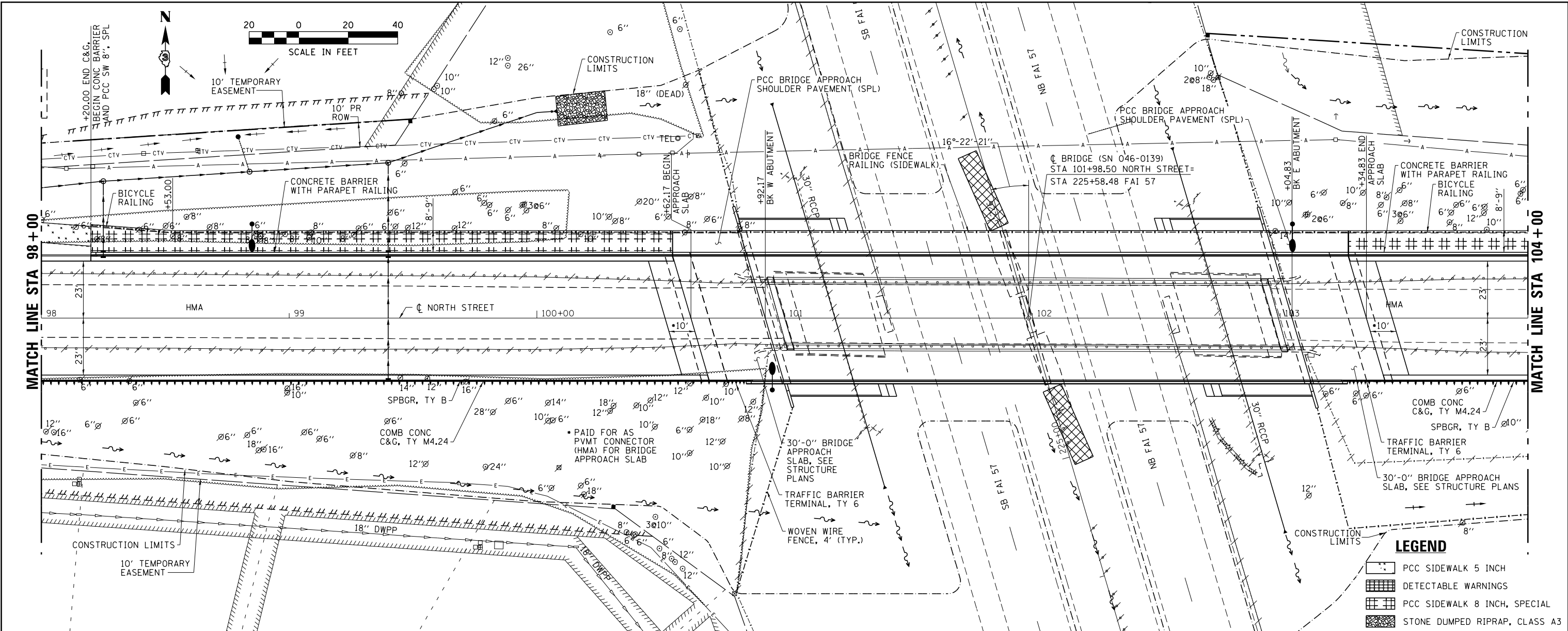
NORTH STREET PLAN AND PROFILE

SCALE: 1"=20' SHEET NO. 1 OF 4 SHEETS STA. 92+00 TO STA. 98+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	31
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT AID	CONTRACT NO. 66885	

PLAN	SURVEYED	BY	DATE
	NOTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHFD		
	NO.		



649.15	649.24	651.29	651.73	653.18	654.22	654.85	656.49	656.09	658.30	657.18	659.69	657.78	660.67	658.16	661.26	658.28	661.45	658.09	661.24	657.69	660.63	657.22	659.61	656.30	658.20
98+00		98+50		99+00		99+50		100+00		100+50		101+00		101+50		102+00		102+50		103+00		103+50		104+00	



USER NAME = corcoranm
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 PLOT SCALE = 40.0000' / in.
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DESIGNED - MTD
 DRAWN - RJT/HAS
 CHECKED - RDP
 DATE - 06/12

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NORTH STREET PLAN AND PROFILE

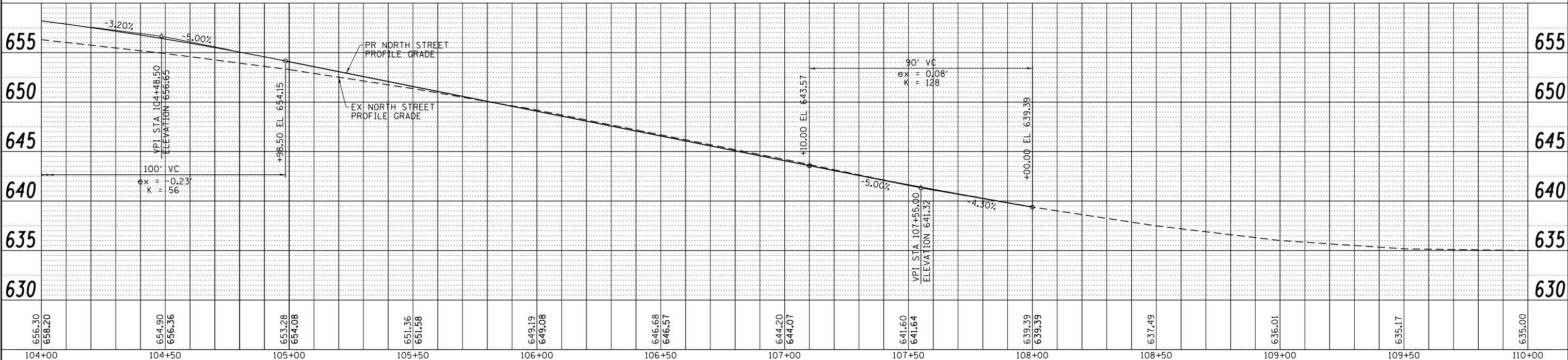
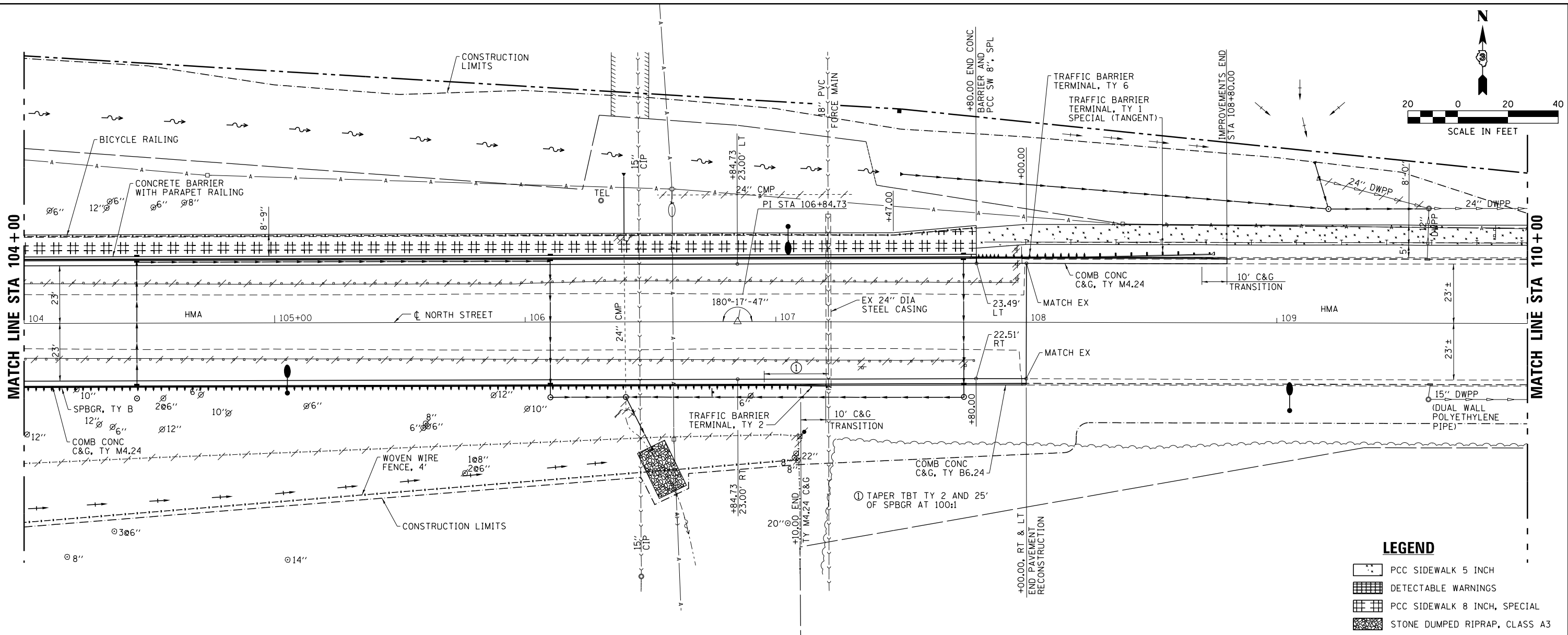
SCALE: 1"=20' SHEET NO. 2 OF 4 SHEETS STA. 98+00 TO STA. 104+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	32
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT AID		CONTRACT NO. 66885

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	
	BY	

PRINT DRIVER = PLOTDRIVER
 PLOT MAKE = PLOTDRIVER
 FILE NAME = D:\esca\proj\104-110\104-110.dwg



LEGEND

	PCC SIDEWALK 5 INCH
	DETECTABLE WARNINGS
	PCC SIDEWALK 8 INCH, SPECIAL
	STONE DUMPED RIPRAP, CLASS A3



USER NAME = corcoranm	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 040.01	DRAWN - RJT/HAS	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RDP	REVISED -
PLOT DATE = 8/15/2017	DATE - 06/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

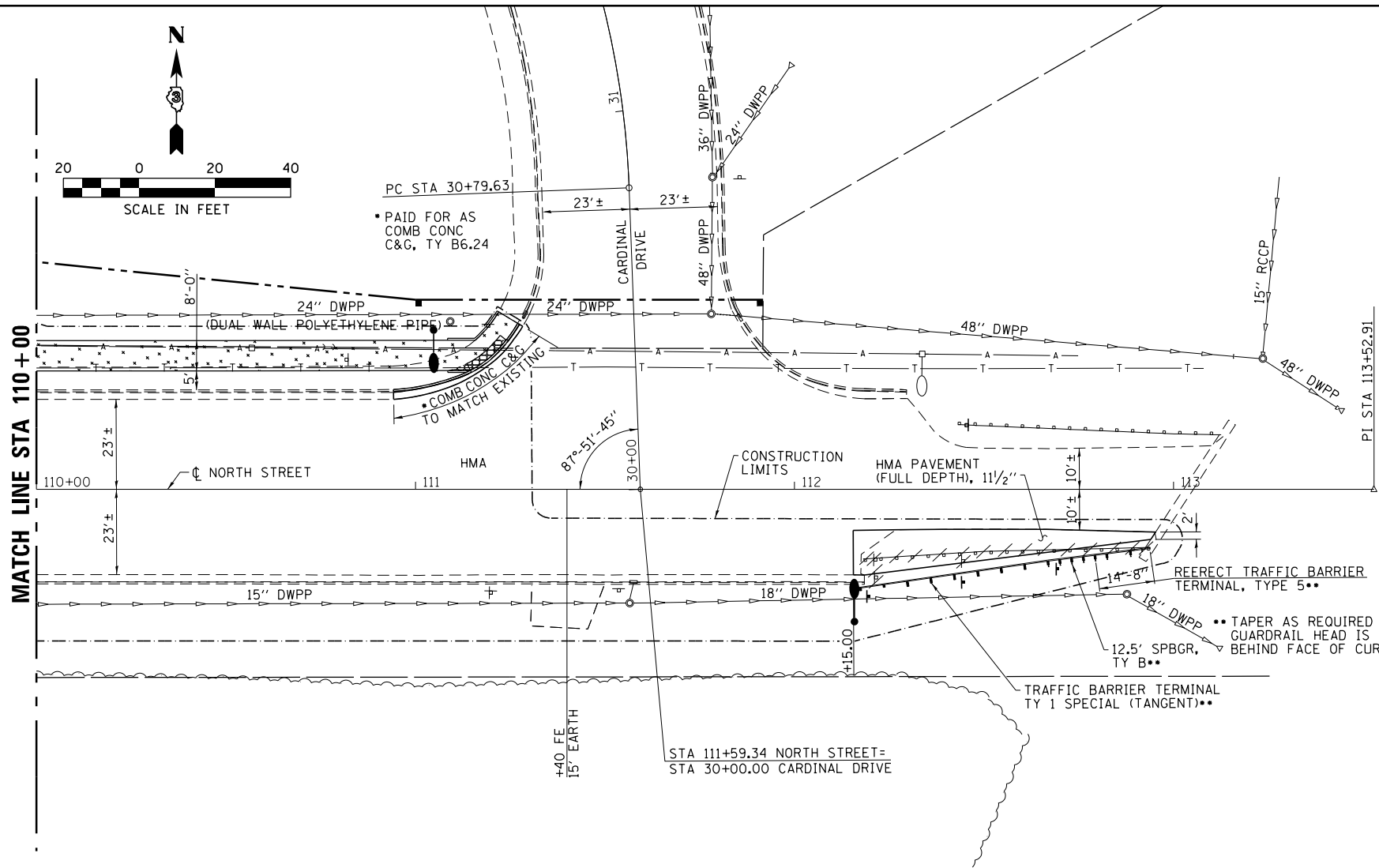
NORTH STREET PLAN AND PROFILE	
SCALE: 1"=20'	SHEET NO. 3 OF 4 SHEETS
STA. 104+00	TO STA. 110+00

F.A.I. RTE. 57	SECTION (46-3)HBR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 33
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT AID	CONTRACT NO. 66885	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
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	CHECKED		
	FILE NAME		

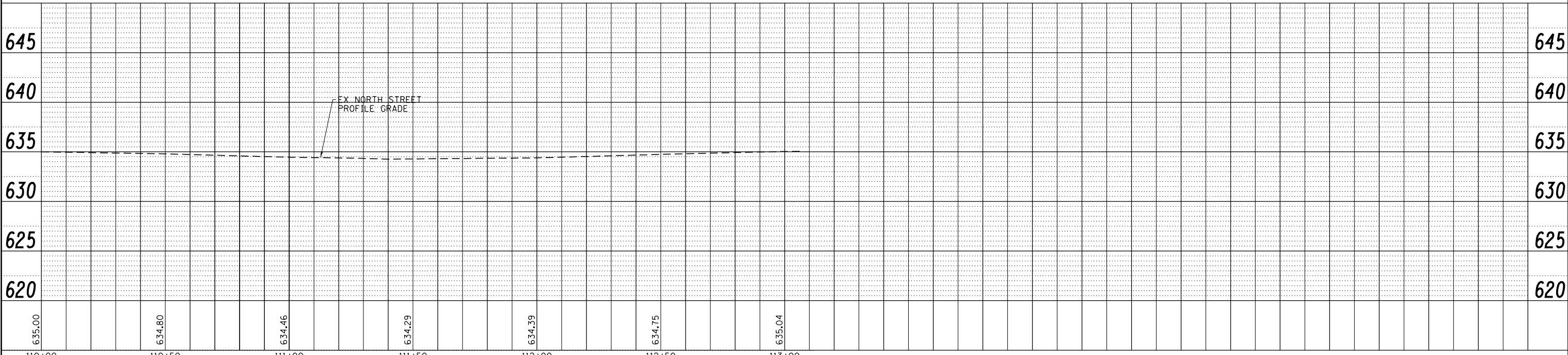
PROFILE	SURVEYED	BY	DATE
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	NO.		
	STRUCTURE		
	NOTATION		
	CHFD		

PRINT DRIVER = PLOTDRIVER
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 FILE NAME = D:\66885\plan\plan.dwg



LEGEND

	PCC SIDEWALK 5 INCH
	DETECTABLE WARNINGS
	PCC SIDEWALK 8 INCH, SPECIAL
	STONE DUMPED RIPRAP, CLASS A3



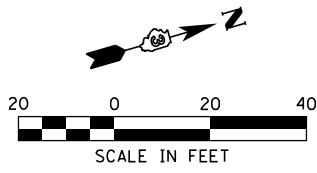
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ESCA PROJECT NO. 040.01	DRAWN - RJT/HAS	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RDP	REVISED -
PLOT DATE = 8/15/2017	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NORTH STREET PLAN AND PROFILE

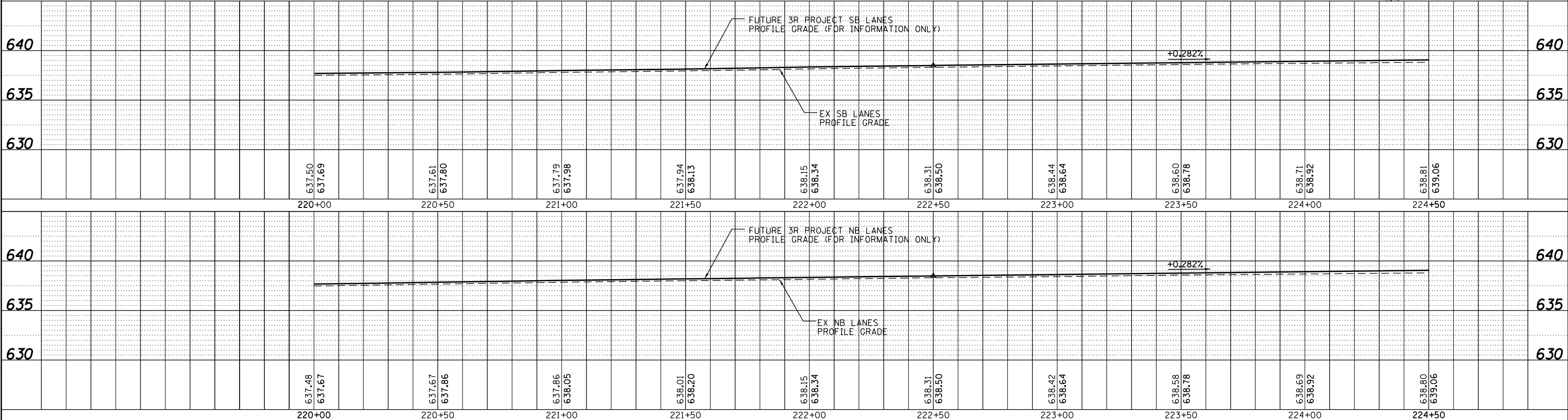
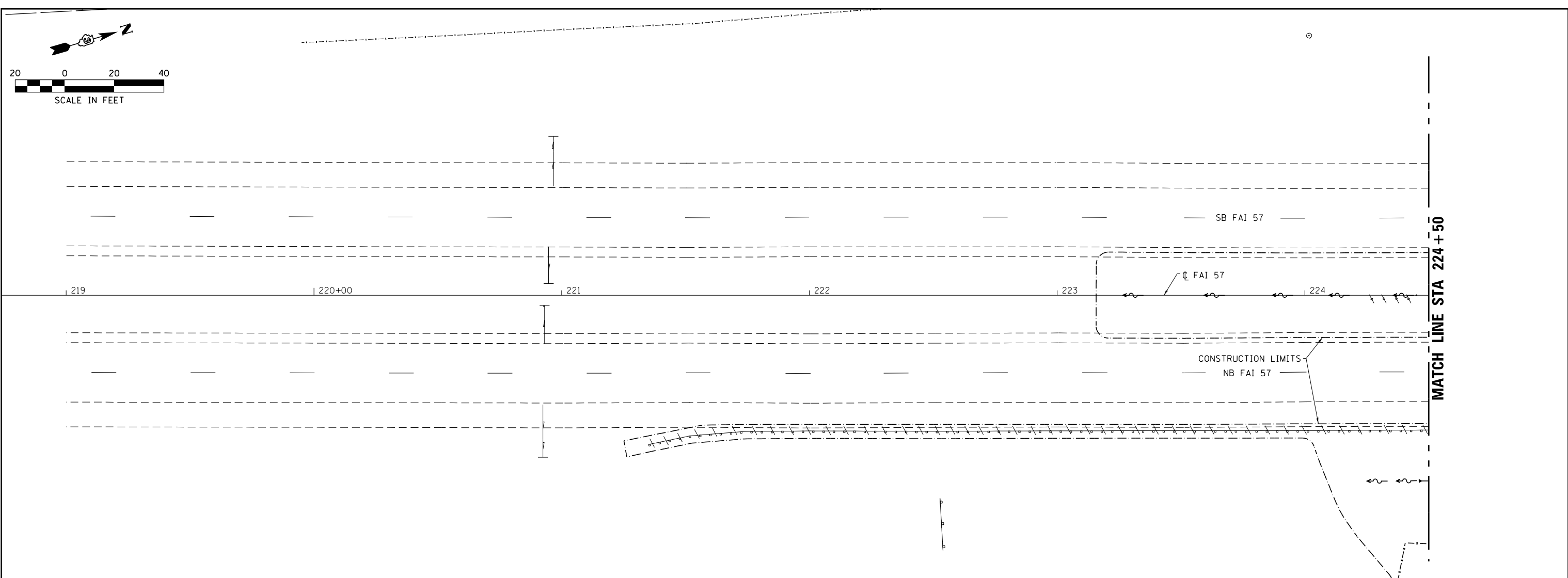
SCALE: 1"=20' SHEET NO. 4 OF 4 SHEETS STA. 110+00 TO STA. 113+52.91

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	34
FED. ROAD DIST. NO.			CONTRACT NO. 66885	
ILLINOIS FED. AID PROJECT AID				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	CARD FILE NAME	
NO.		

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NO.		



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PLOT DATE = 8/15/2017 3:23:33 PM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

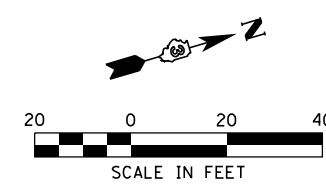
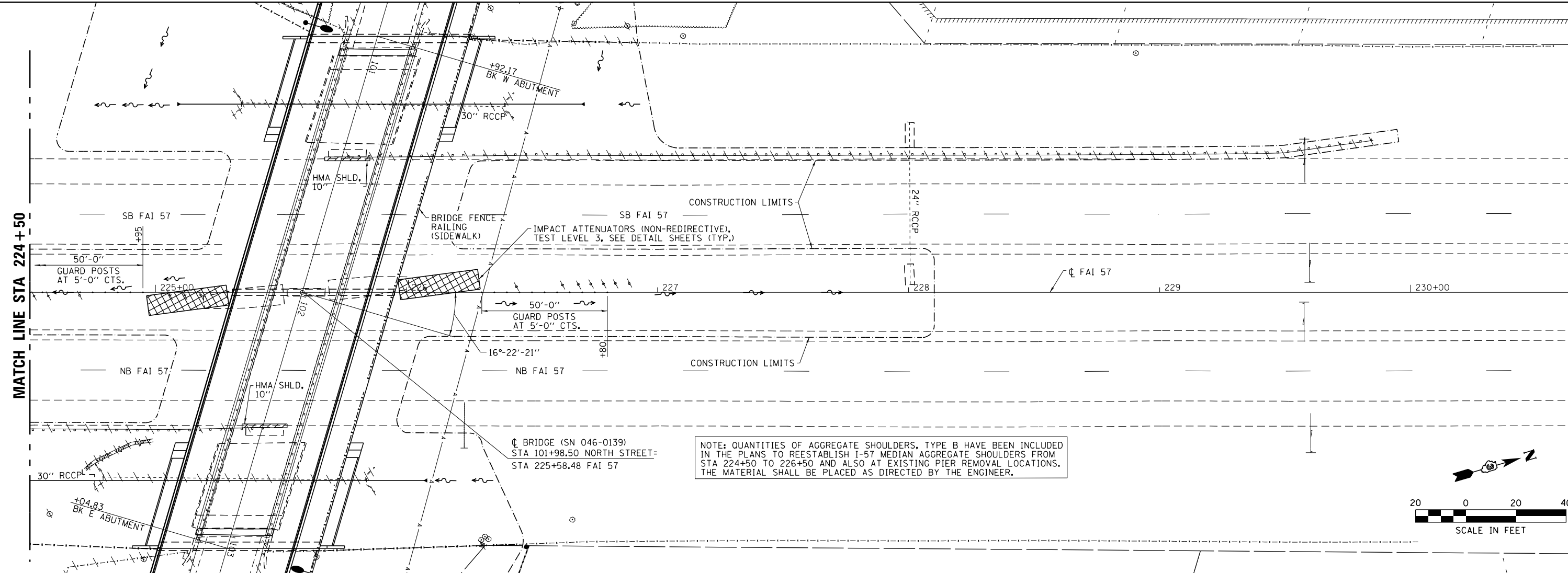
I-57 PLAN AND PROFILE

SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS STA. 220+00 TO STA. 224+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	35
CONTRACT NO. 66885				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT AID				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

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



640	+0.282%																		640	
635	EX SB LANES PROFILE GRADE																		635	
630	EX 24" RCCP																		630	
638.81 639.06																				641.36 641.55
224+50	225+00	225+50	226+00	226+50	227+00	227+50	228+00	228+50	229+00	229+50	230+00	230+50								
640	+0.282%																		640	
635	EX NB LANES PROFILE GRADE																		635	
630	FUTURE 3R PROJECT NB LANES PROFILE GRADE (FOR INFORMATION ONLY)																		630	
638.80 639.06																				641.30 641.49
224+50	225+00	225+50	226+00	226+50	227+00	227+50	228+00	228+50	229+00	229+50	230+00	230+50								

PRINT DRIVER = PLOTTER
 PLOT MAKE = PLOTTER
 PLOT FILE NAME = D:\66885\1-57\1-57-2.dwg



USER NAME = corcoranm
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DESIGNED - MTD
 DRAWN - RJT/HAS
 CHECKED - RDP
 DATE - 06/12

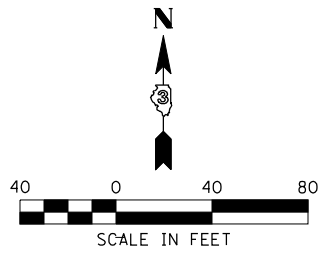
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

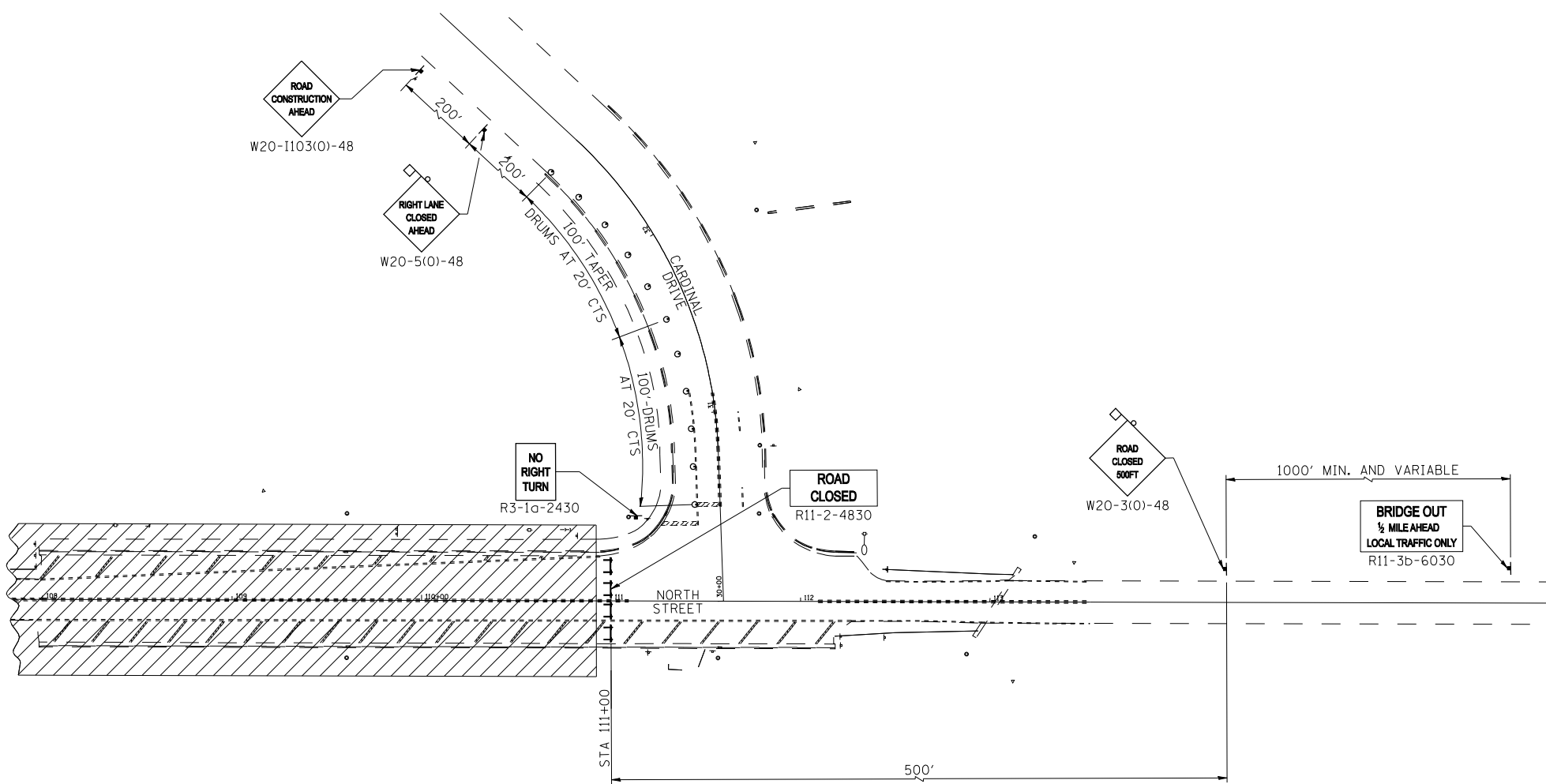
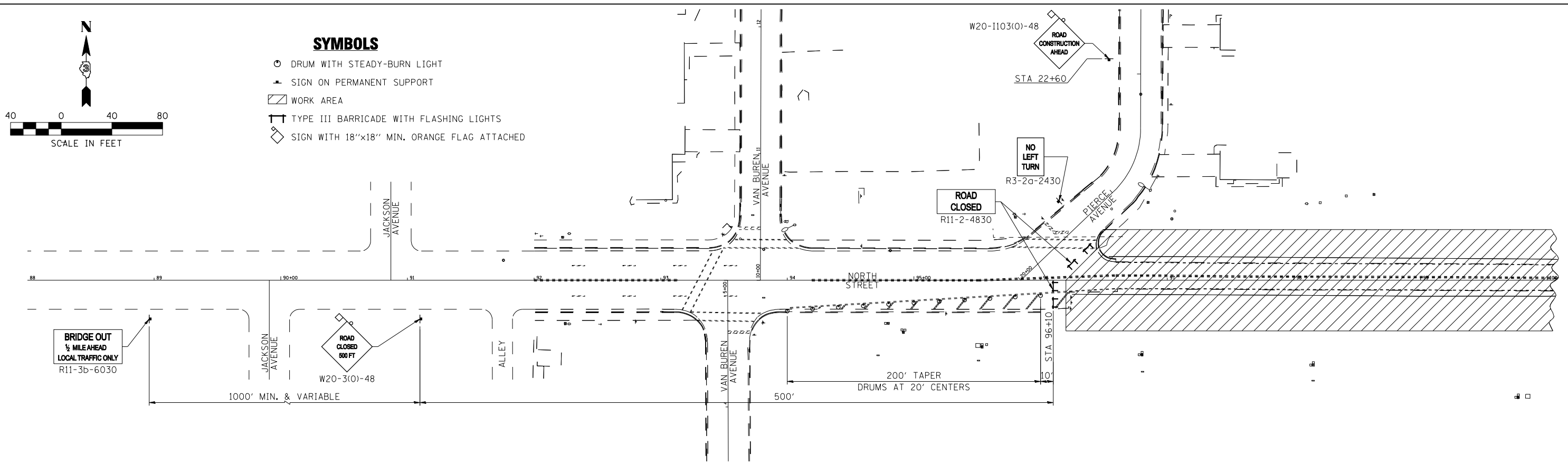
I-57 PLAN AND PROFILE

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. 224+50 TO STA. 230+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	36
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT AID	
			CONTRACT NO. 66885	



- SYMBOLS**
- DRUM WITH STEADY-BURN LIGHT
 - ⊥ SIGN ON PERMANENT SUPPORT
 - ▨ WORK AREA
 - ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
 - ◇ SIGN WITH 18"x18" MIN. ORANGE FLAG ATTACHED



GENERAL NOTES

- TYPE III BARRICADES AND R11-2 SIGNS SHALL BE POSITIONED AS SHOWN IN "ROAD CLOSED TO ALL TRAFFIC" DETAIL ON HIGHWAY STANDARD 701901.
- THE R11-2 SIGNS MAY BE MOUNTED ON THE TYPE III BARRICADES ONLY IF NCHRP 350 REQUIREMENTS ARE MET, OTHERWISE THE SIGNS SHALL BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADES.
- TWO TYPE A LOW INTENSITY FLASHING LIGHTS SHALL BE USED ON EACH TYPE III BARRICADE.
- ONE TYPE A LOW INTENSITY FLASHING LIGHT SHALL BE INSTALLED ABOVE EACH OF THE FIRST ADVANCE WARNING SIGNS.
- ALL WARNING SIGNS SHALL HAVE A MINIMUM DIMENSIONS OF 48"x48" AND HAVE A BLACK LEGEND AND BORDER ON AN ORANGE REFLECTORIZED BACKGROUND.
- ALL WORK ZONE SIGNS ARE REQUIRED TO MEET, AS A MINIMUM, THE REFLECTIVITY REQUIREMENTS OF ARTICLE 1106.01 OF THE STANDARD SPECIFICATIONS.
- ALL SIGNS SHALL BE POST MOUNTED, UNLESS NOTED OTHERWISE. R3-1a AND R3-2a SIGNS SHALL NOT BE MOUNTED ON EXISTING STOP SIGN POSTS.
- LONGITUDINAL DIMENSIONS FOR PLACEMENT OF SIGNS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, AS APPROVED BY THE ENGINEER.
- ALL TRAFFIC CONTROL DEVICES SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR.
- THE INTERSECTIONS AT PIERCE AVENUE AND CARDINAL DRIVE SHALL REMAIN OPEN TO TRAFFIC THROUGHOUT CONSTRUCTION.
- ALL TRAFFIC CONTROL WORK SHOWN ON THIS SHEET SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)."

PRINT DRIVER = LUD-ER-BART
 SCALE NAME = PLOT
 FILE NAME = 66885-01-12.dwg



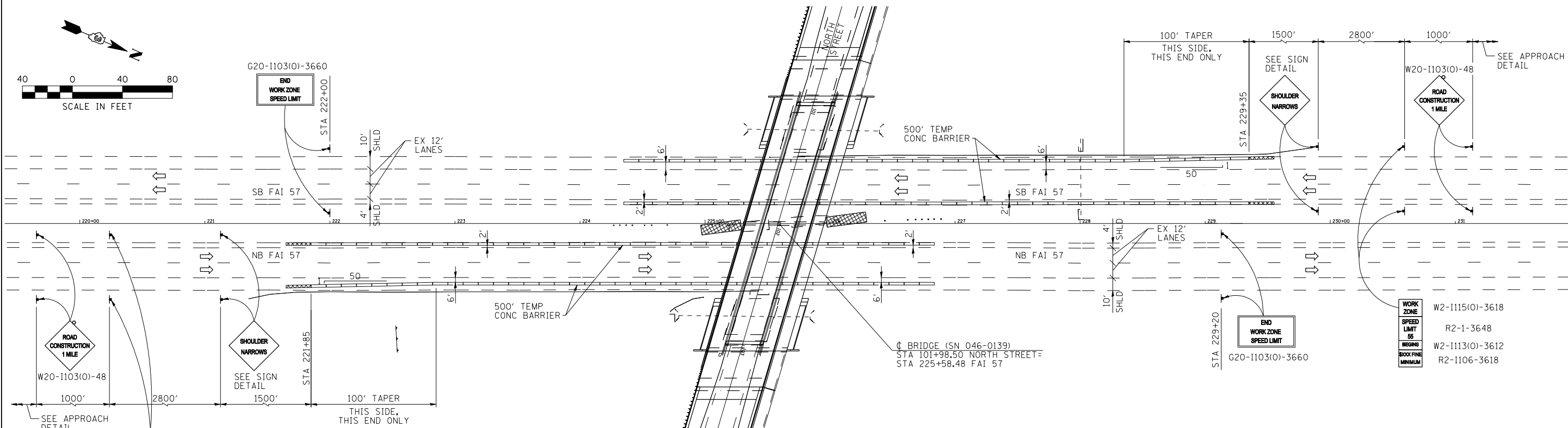
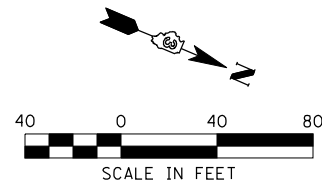
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PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012 10:46:04 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NORTH STREET ROAD CLOSURE PLAN

SCALE: 1"=40' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	37
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



WORK ZONE	W2-1115(O)-3618
SPEED LIMIT 55	R2-1-3648
BEGIN	W2-1113(O)-3612
BOOK FINE MINIMUM	R2-1106-3618

WORK ZONE	W2-1115(O)-3618
SPEED LIMIT 55	R2-1-3648
BEGIN	W2-1113(O)-3612
BOOK FINE MINIMUM	R2-1106-3618

SYMBOLS

- ☒ TEMPORARY IMPACT ATTENUATOR
- Ⓜ PORTABLE CHANGEABLE MESSAGE SIGN
- Ⓜ SIGN ON PERMANENT SUPPORT
- Ⓜ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

GENERAL NOTES

THE CONTRACTOR SHALL SUBMIT AN ACCESS PLAN FOR WORK IN THE MEDIAN. THE ACCESS PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL AT LEAST TWO WEEKS PRIOR TO ANY WORK IN THE MEDIAN.

ONE TYPE A LOW INTENSITY FLASHING LIGHT SHALL BE INSTALLED ABOVE EACH OF THE ROAD CONSTRUCTION 1/2 MILE WARNING SIGNS.

ALL WARNING SIGNS SHALL HAVE MINIMUM DIMENSIONS OF 48"x48" AND HAVE A BLACK LEGEND AND BORDER ON AN ORANGE REFLECTORIZED BACKGROUND.

ALL WORK ZONE SIGNS ARE REQUIRED TO MEET, AS A MINIMUM, THE REFLECTIVITY REQUIREMENTS OF ARTICLE 1106.01 OF THE STANDARD SPECIFICATIONS.

ALL SIGNS SHALL BE POST MOUNTED.

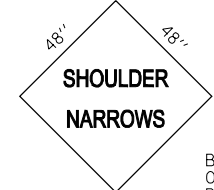
LONGITUDINAL DIMENSIONS FOR PLACEMENT OF SIGNS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, AS APPROVED BY THE ENGINEER.

ALL TRAFFIC CONTROL DEVICES SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR.

TEMPORARY CONCRETE BARRIER SHALL BE ACCORDING TO STANDARD 704001 AND WILL BE PAID FOR SEPARATELY.

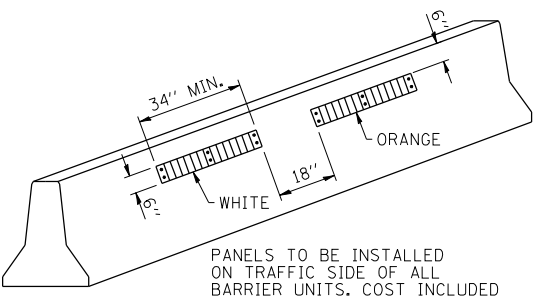
TEMPORARY IMPACT ATTENUATORS WILL BE PAID FOR SEPARATELY AT THE CONTRACT UNIT PRICE PER EACH FOR "IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW, TEST LEVEL 3", ATTENUATOR BASES, WHEN REQUIRED BY THE MANUFACTURER, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE TEMPORARY IMPACT ATTENUATORS.

UNLESS NOTED AS PAID FOR SEPARATELY, ALL TRAFFIC CONTROL WORK SHOWN ON THIS SHEET SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)."



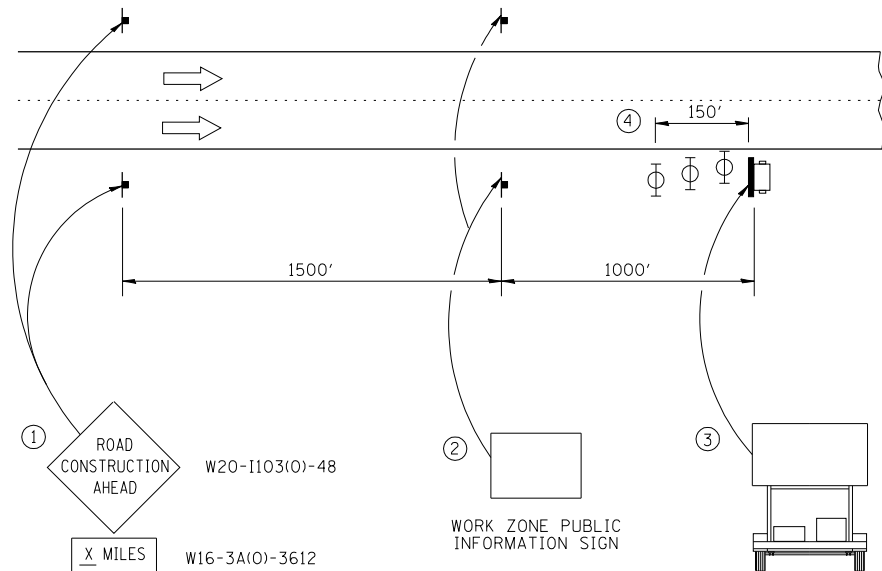
SIGN DETAIL

BLACK LEGEND AND BORDER ON REFLECTORIZED ORANGE BACKGROUND



LINEAR DELINEATION PANELS

PANELS TO BE INSTALLED ON TRAFFIC SIDE OF ALL BARRIER UNITS. COST INCLUDED IN "TEMPORARY CONCRETE BARRIER"



APPROACH DETAIL

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 TO 5 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE: "SHOULDER NARROWS" / "X MILES AHEAD" / "ALL LANES OPEN"
- ④ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 50' CENTERS.

PRINT DRIVER: L:\05-EB\0411...
 SCALE: 1"=40'
 FILE NAME: I-57CONTR-01-12.dwg
 DATE: 12/12/2012 10:46:42 AM



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ESCA PROJECT NO. 040.01	DRAWN - DWH/HAS	REVISED -
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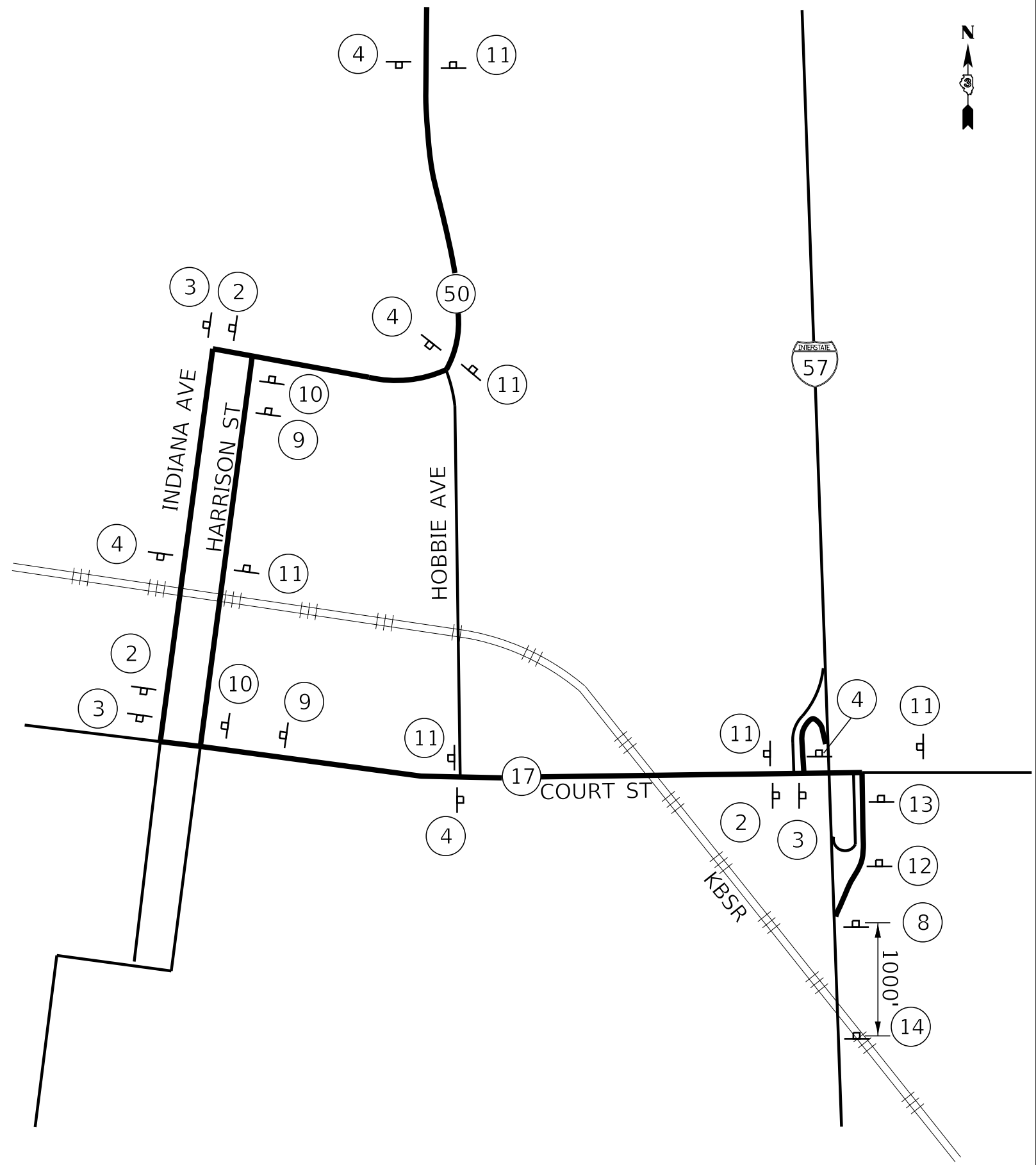
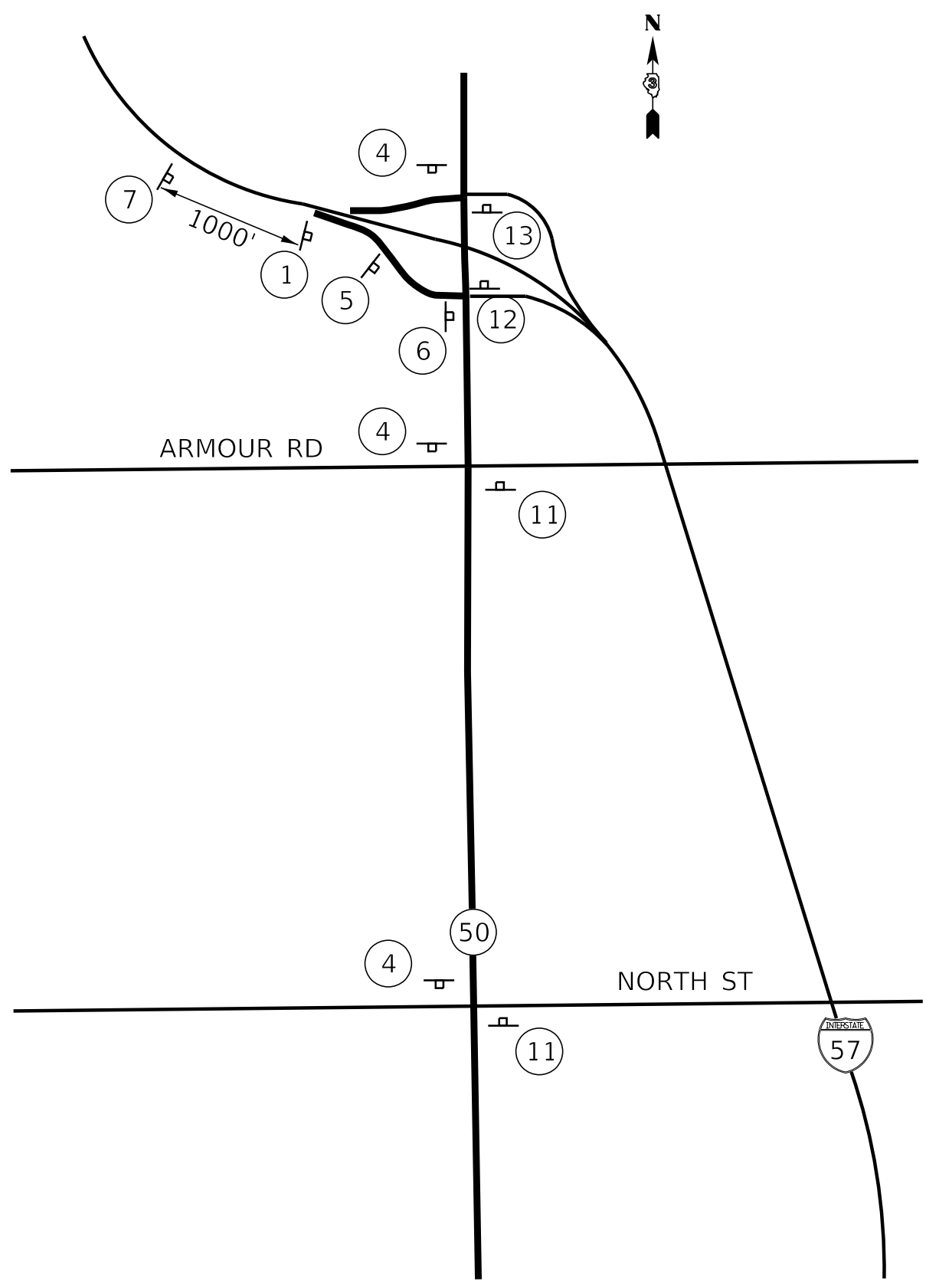
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-57 TRAFFIC CONTROL PLAN

SCALE: 1"=40' SHEET NO. 1 OF 1 SHEETS STA. 220+00 TO STA. 230+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	38
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

MODEL DET
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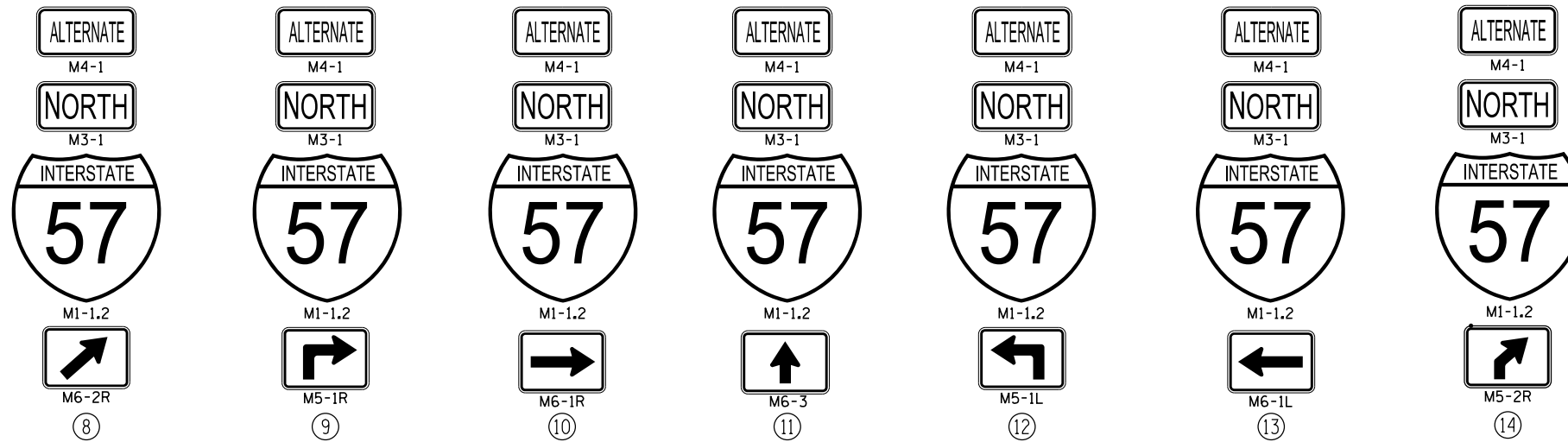
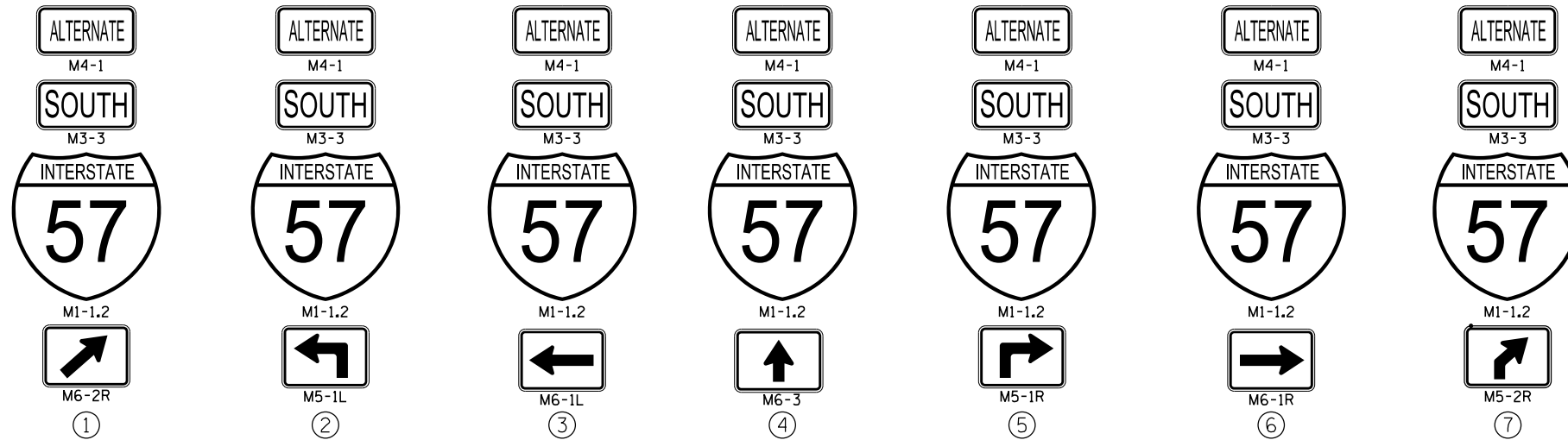
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PLOT SCALE = 20,000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/7/2017	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-57 ALTERNATE ROUTE SIGNING
 I-57 AND NORTH ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	38A
CONTRACT NO. 66885				
ILLINOIS FED. AID PROJECT				



NOTE: M4-1 AND DIRECTIONAL ARROW SIGNS SHALL BE BLACK ON FLOURESCENT ORANGE.

MODEL DET
FILE NAME: P:\u0008\B&E\ID\NTEC\Illinois.gov\PIV\DOT\Documents\DOT_Offices\DI\ierct_3\Projects\IERP02503\CADD\DATA\CAD\heerct3\66885-sh-46\row.dgn

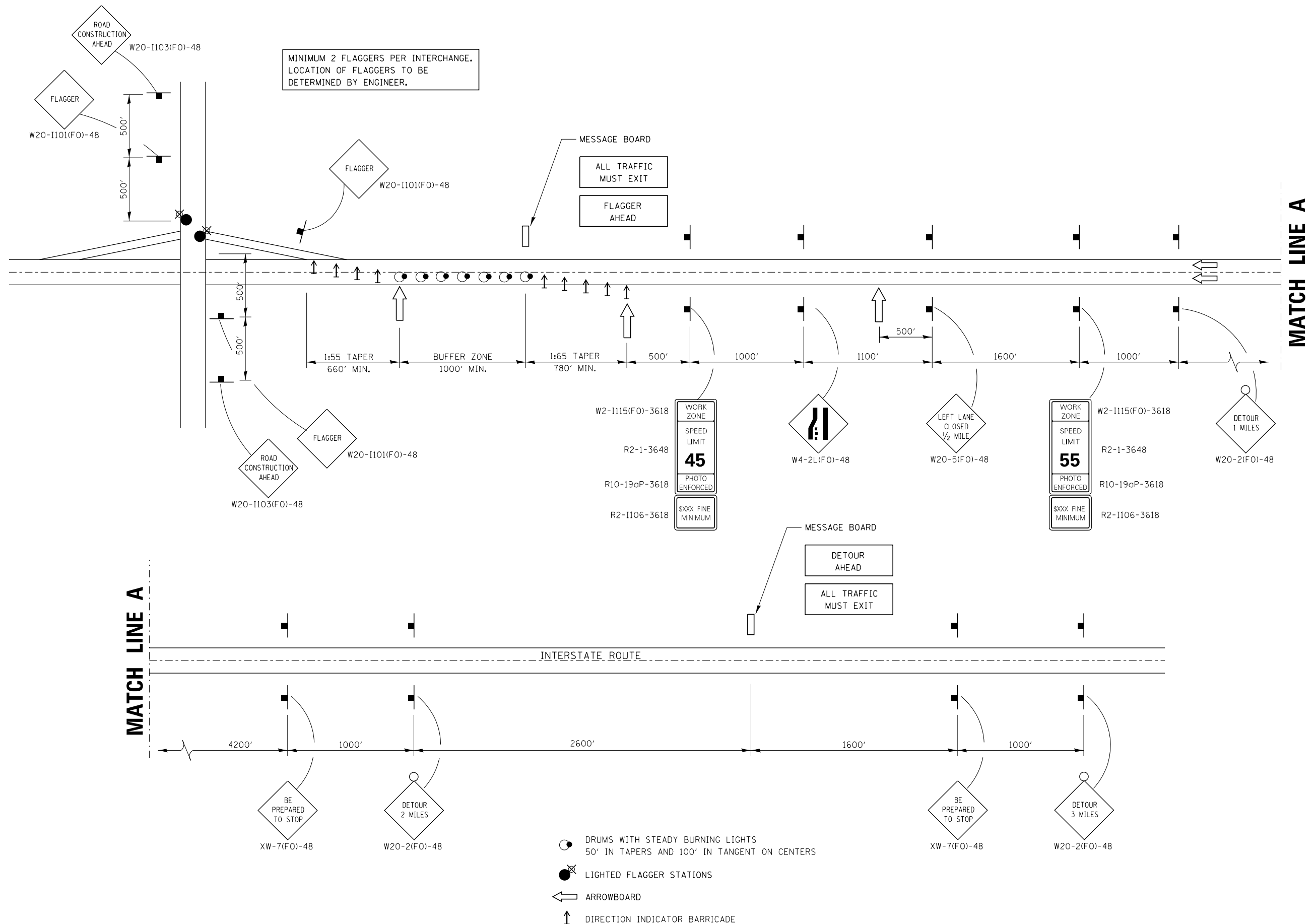
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	DRAWN -	REVISED -
PLOT SCALE = 20,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/7/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-57 ALTERNATE SIGN DETAILS
I-57 AND NORTH ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	38B
CONTRACT NO. 66885				
ILLINOIS		FED. AID PROJECT		



MINIMUM 2 FLAGGERS PER INTERCHANGE.
LOCATION OF FLAGGERS TO BE
DETERMINED BY ENGINEER.

MATCH LINE A

MATCH LINE A

INTERSTATE ROUTE

- DRUMS WITH STEADY BURNING LIGHTS
50' IN TAPERS AND 100' IN TANGENT ON CENTERS
- LIGHTED FLAGGER STATIONS
- ⇐ ARROWBOARD
- ↑ DIRECTION INDICATOR BARRICADE

MODEL DET
FILE NAME: \\\u0048&EID\NTEC\Illinois.gov\PIWDOT\Documents\DOT_Offices\Director_3\Projects\I57\DOT\CADD\data\CAD\headers\D366885-sh-detour.dgn

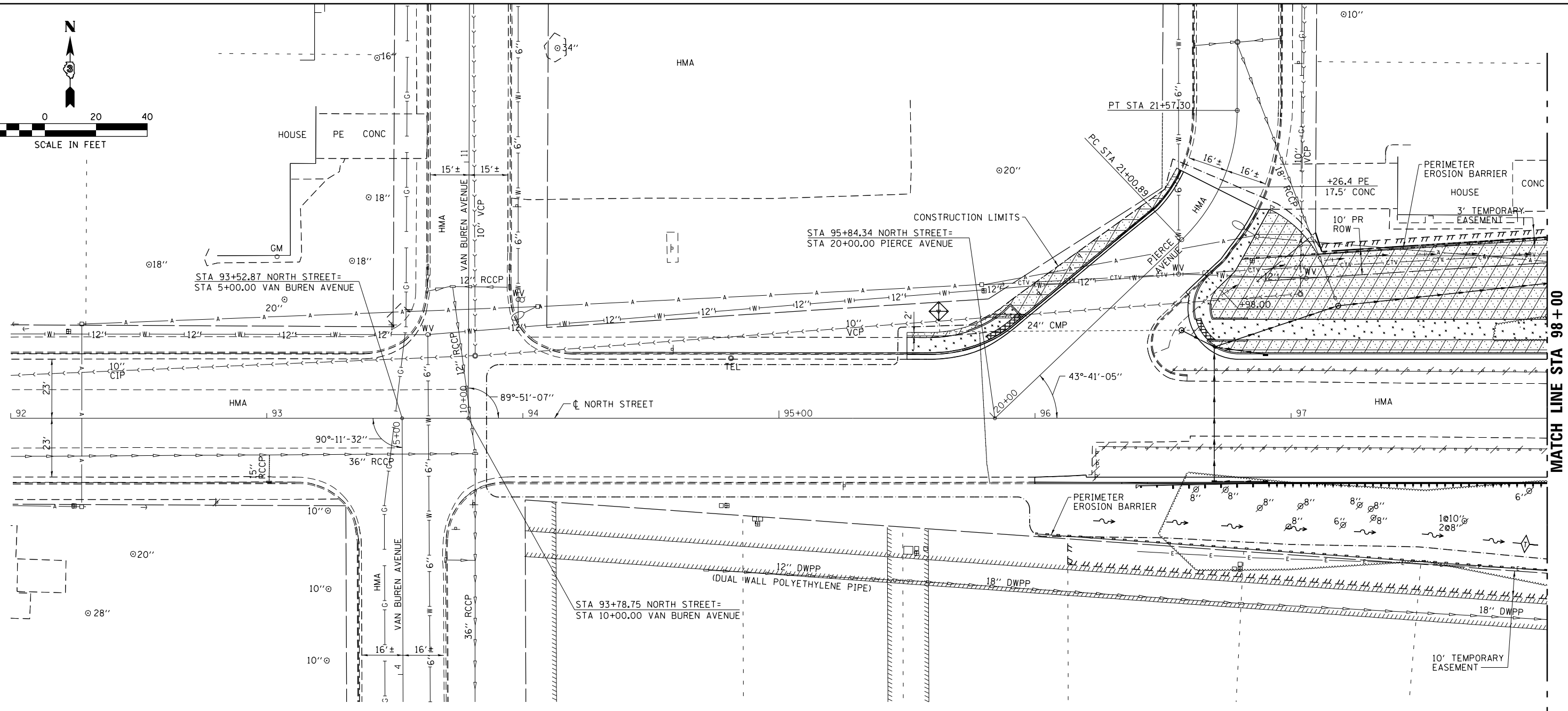
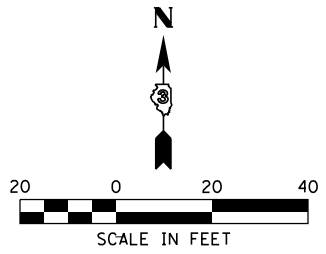
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PLOT DATE = 8/23/2017	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-57 INTERSTATE CLOSURE AT NIGHT (ALL TRAFFIC MUST EXIT)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	38C
			CONTRACT NO. 66885	
ILLINOIS FED. AID PROJECT				



- LEGEND**
- INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - STONE DUMPED RIPRAP, CLASS A3
 - SODDING, SALT TOLERANT

GENERAL NOTES

EROSION CONTROL BLANKET SHALL BE USED TO COVER ALL PERMANENT SEEDING AREAS EXCEPT MULCH, METHOD 2 SHALL BE USED TO COVER THE SEEDER AREAS IN THE I-57 MEDIAN.

SEEDING, CLASS 2A SHALL BE USED IN ALL DISTURBED AREAS OF THE I-57 MEDIAN. SEEDING, CLASS 3 SHALL BE USED IN ALL OTHER DISTURBED AREAS EXCEPT WHERE SODDING IS SHOWN.

TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AND AS PER THE SPECIFICATIONS.

PRINT DRIVER = PLOTTERS
 SCALE: 1"=20'
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USER NAME = corcoranm	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 040.01	DRAWN - DWH/HAS	REVISED -
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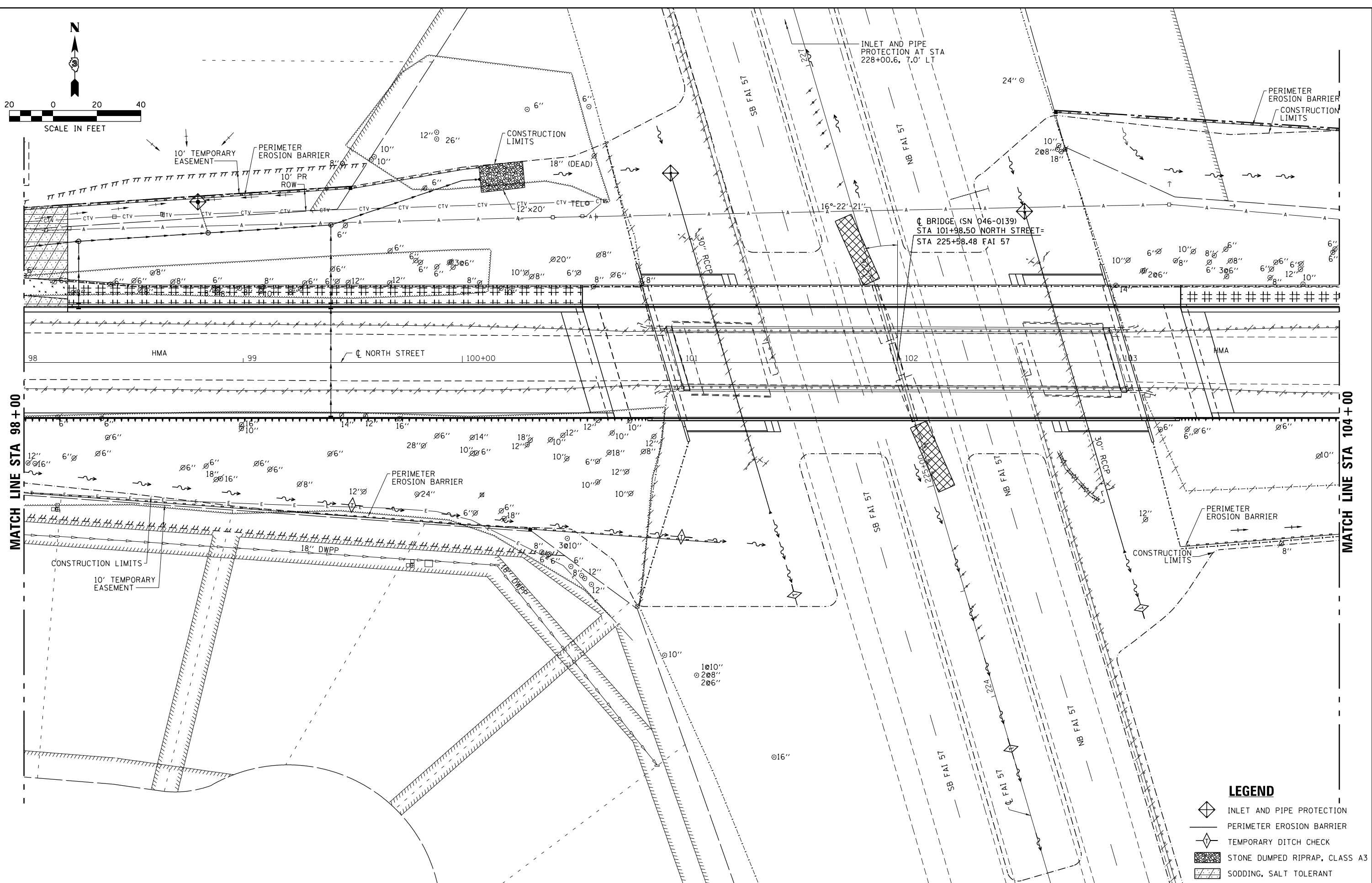
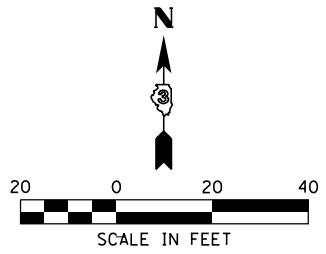
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1"=20' SHEET NO. 1 OF 4 SHEETS STA. 92+00 TO STA. 98+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	39
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

MATCH LINE STA 98+00



LEGEND

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- STONE DUMPED RIPRAP, CLASS A3
- SODDING, SALT TOLERANT



USER NAME = corcoranm	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 040.01	DRAWN - DWH/HAS	REVISED -
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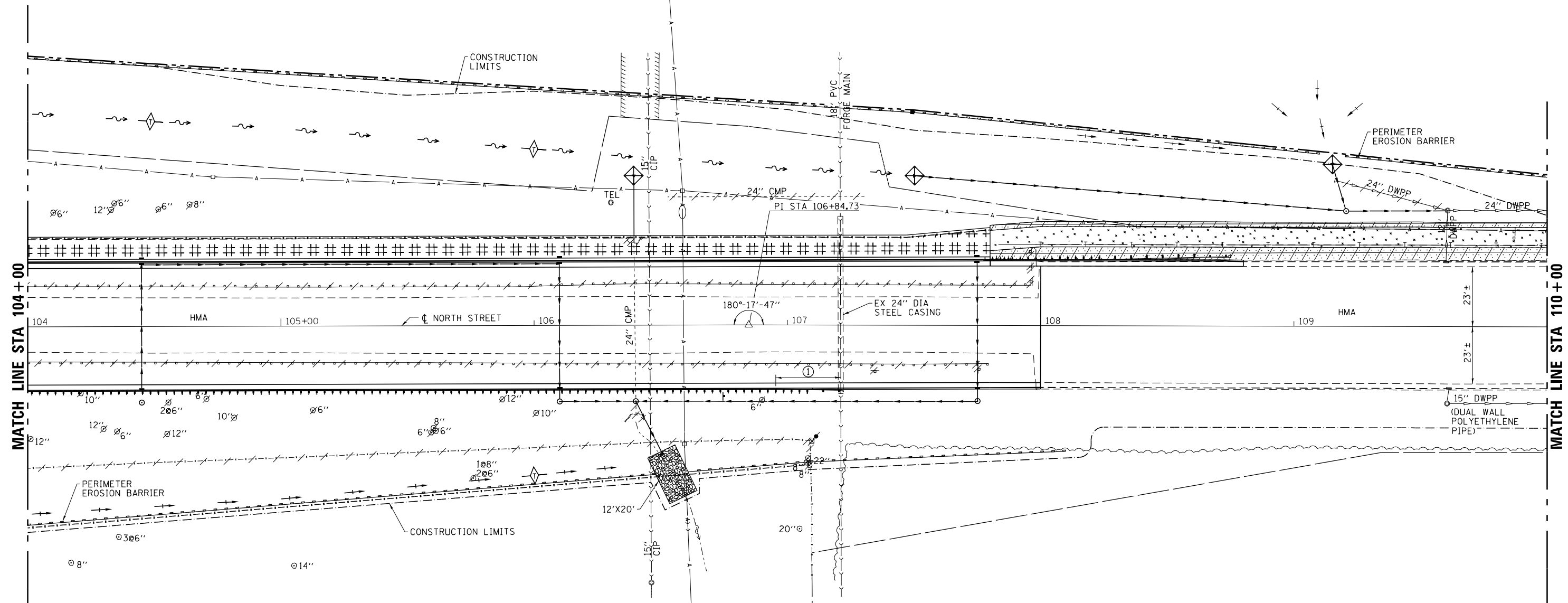
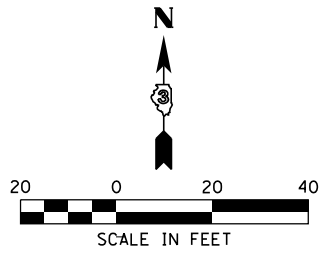
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1"=20' SHEET NO. 2 OF 4 SHEETS STA. 98+00 TO STA. 104+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	40
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

PRINT DRIVER = BELTINES
 PLOT NAME = PLOT1
 FILE NAME = C:\ESCADWG\2017\081617\040.01.dwg



LEGEND

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- STONE DUMPED RIPRAP, CLASS A3
- SODDING, SALT TOLERANT

PRINT DRIVER = BILLYWIS
 PLOT DATE = 8/16/2017 7:47:38 AM
 PLOT SCALE = 0.1667' / 1"



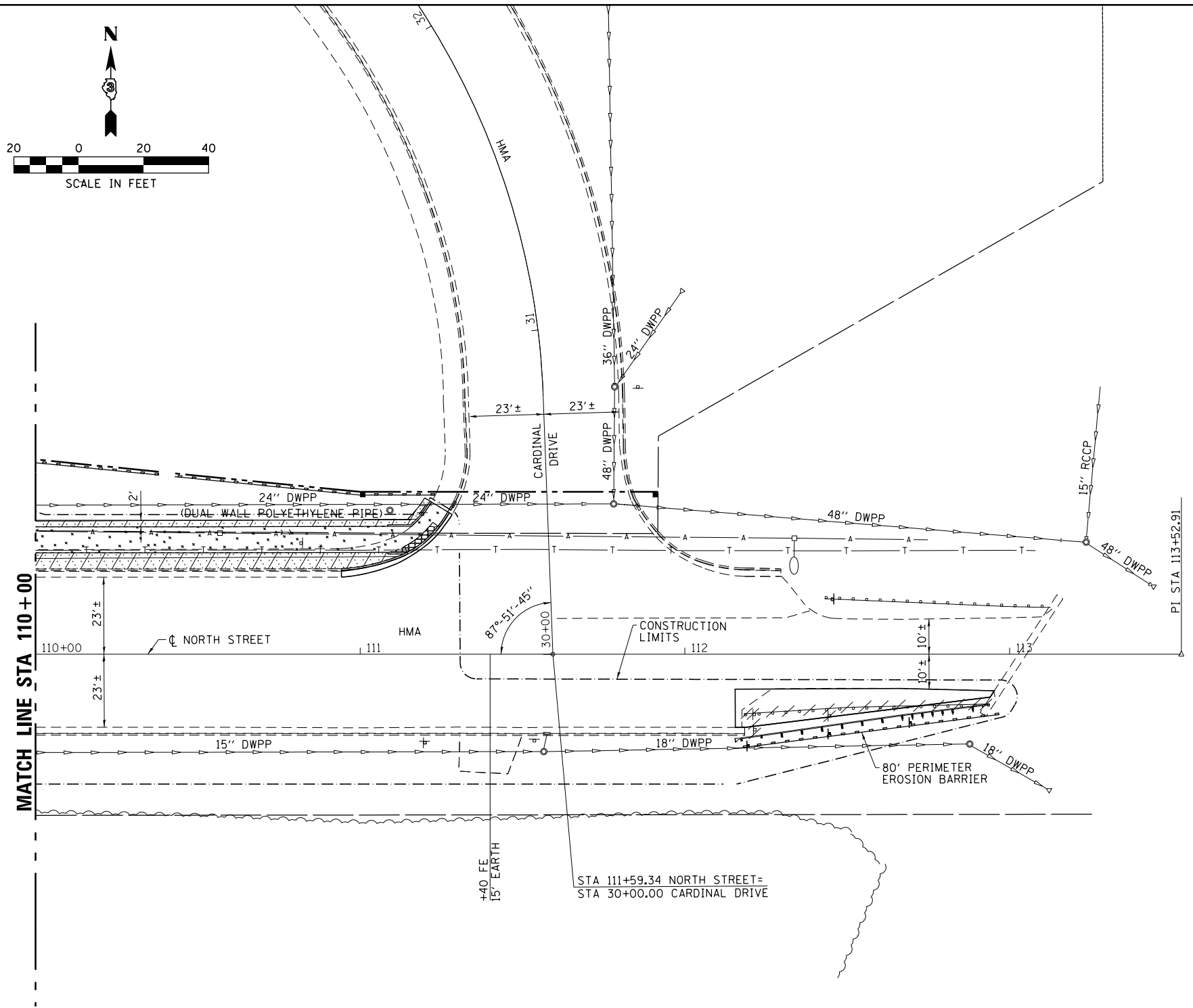
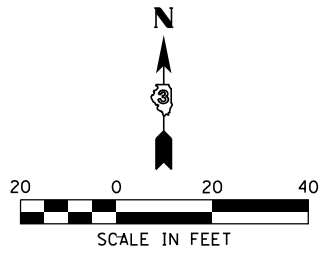
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PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 8/16/2017 7:47:38 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1"=20' SHEET NO. 3 OF 4 SHEETS STA. 104+00 TO STA. 110+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	41
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



LEGEND

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  STONE DUMPED RIPRAP, CLASS A3
-  SODDING, SALT TOLERANT

PRINT DRIVER = B:\LINES
 SCALE NAME = PLOT
 FILE NAME = 030805.dwg



USER NAME = corcoranm	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 040.01	DRAWN - DWH/HAS	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

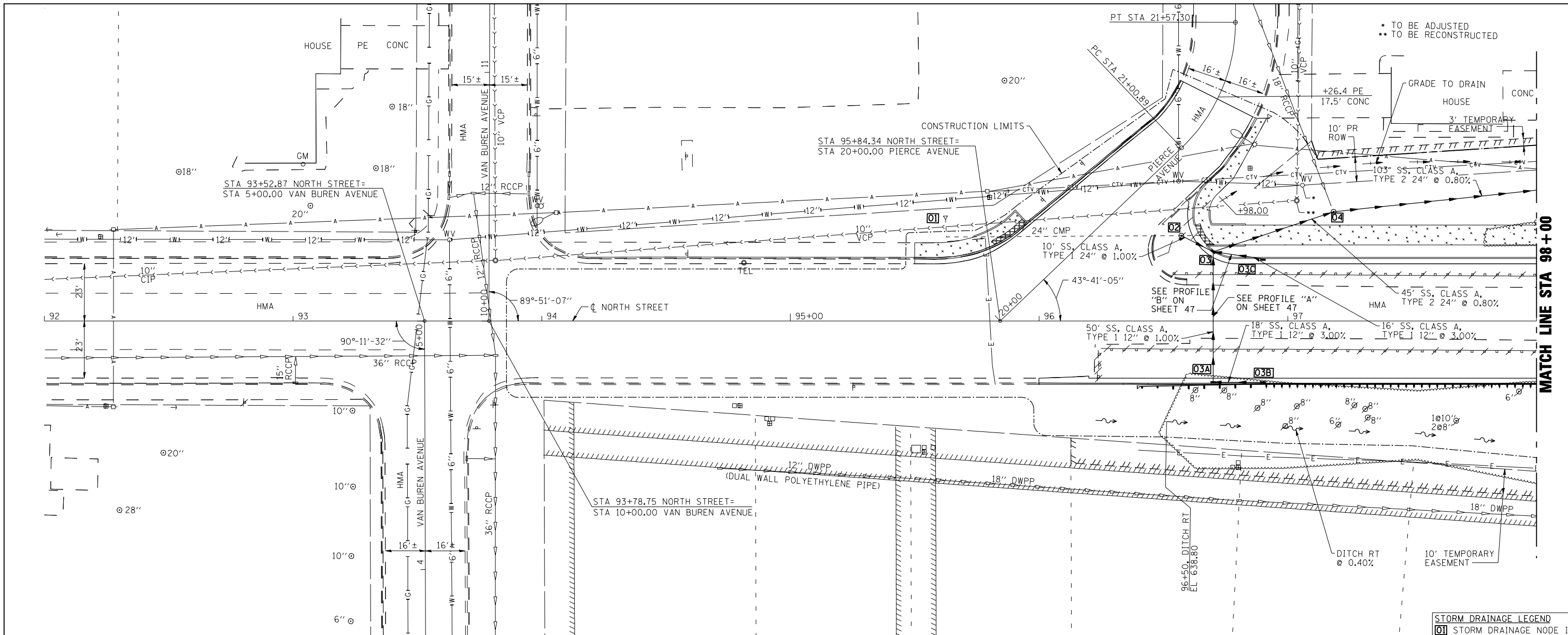
EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1"=20' SHEET NO. 4 OF 4 SHEETS STA. 110+00 TO STA. 113+52.91

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	42
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

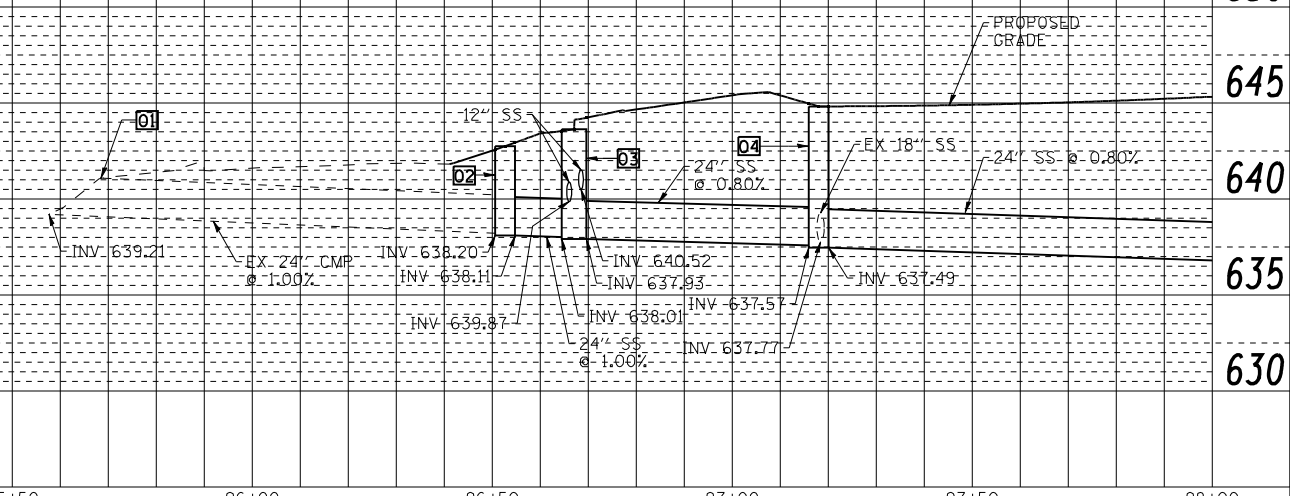
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	NOTED	
	CHECKED	
	BY	
	FILE NAME	

PROFILE	SURVEYED	DATE
	NOTED	
	CHECKED	
	BY	
	FILE NAME	



STORM DRAINAGE LEGEND	
[01]	STORM DRAINAGE NODE ID

STRUCTURE NUMBER	STATION	OFFSET	RIM/GRATE ELEVATION	INVERT ELEVATION(S)	STRUCTURE TYPE
655	01	95+62.38	40.76' LT	639.21 (EX)	EXISTING METAL END SECTION 24"
	02	96+57.20	34.33' LT	643.18 638.20 (EX) W; 638.11 E	MANHOLE, TYPE A, 5' DIA, TYPE 1 FRAME, CLID
	03	96+70.00	27.84' LT	643.45 640.52 E; 639.87 S; 638.01 W; 637.93 NE	MANHOLE, TYPE A, 6' DIA, TYPE 3V FRAME AND GRATE
650	03A	96+70.00	25.00' RT	643.59 640.46 E; 640.37 N	INLET, TYPE B, TYPE 6 FRAME AND GRATE
	03B	96+90.00	25.00' RT	644.20 641.00 W	INLET, TYPE A, TYPE 6 FRAME AND GRATE
	03C	96+90.00	25.00' LT	644.20 641.00 W	INLET, TYPE A, TYPE 3V FRAME AND GRATE
650	04	97+18.40	43.90' LT	645.33 637.77 N; 637.57 W; 637.49 E	MANHOLE, TYPE A, 5' DIA, TYPE 1 FRAME, CLID
645					
640					
635					
630					



ESCA PROJECT NO. 840.01
PLOT SCALE = 40.0000' / IN.
PLOT DATE = 9/12/2012 10:49:55 AM

DESIGNED - MTD
DRAWN - RJT/HAS
CHECKED - RDP
DATE - 06/12

REVISED -
REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES PLAN

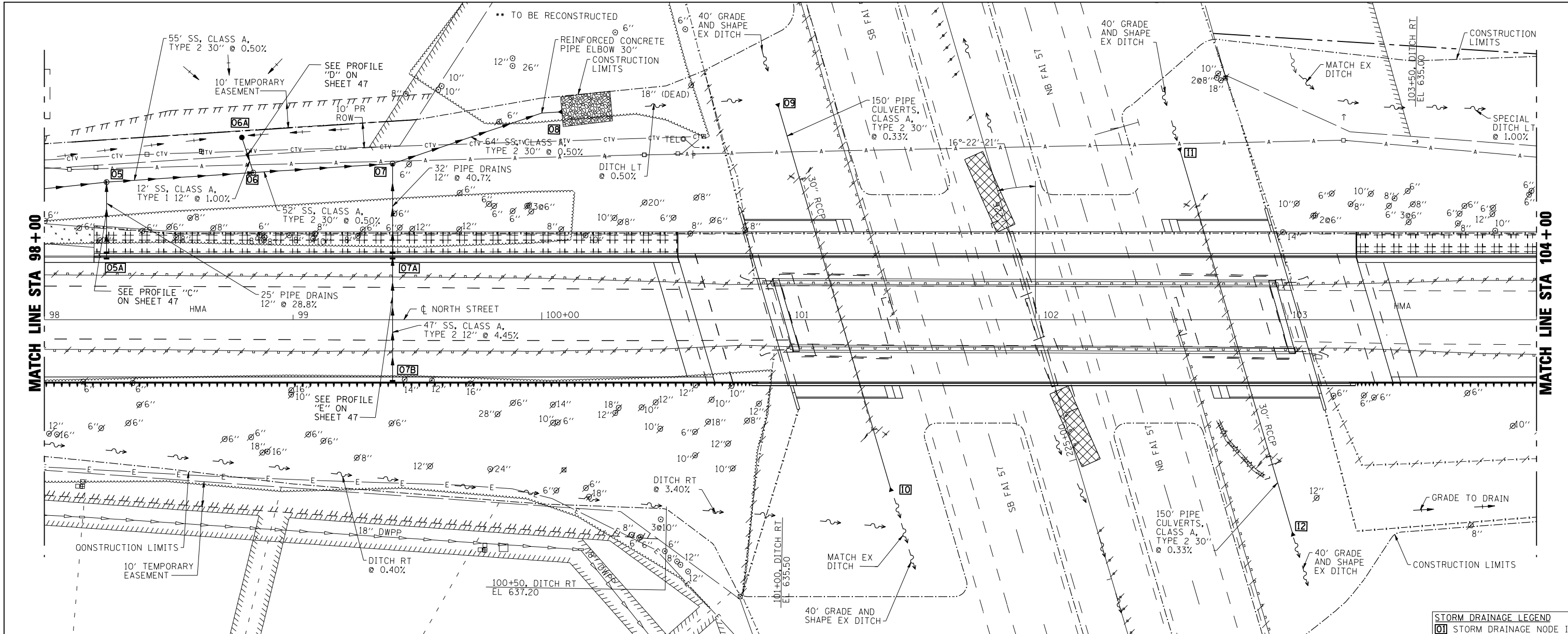
SCALE: 1"=20'
SHEET NO. 1 OF 4 SHEETS
STA. 92+00 TO STA. 98+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	43

CONTRACT NO. 66885
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT AID

DATE	
BY	
PLAN	SURVEYED
	NOTED
	CHECKED
	DATE
	FILE NAME
	NO.

DATE	
BY	
PROFILE	SURVEYED
	NOTED
	CHECKED
	DATE
	FILE NAME
	NO.



STATION	OFFSET	RIM/GRATE ELEVATION	INVERT ELEVATION(S)	STRUCTURE TYPE
98+25.00	55.30' LT	645.07	637.80 S; 636.59 W; 636.51 E	MANHOLE, TYPE A, 5' DIA, TYPE 1 FRAME, CLID
98+25.00	25.00' LT	649.91	644.41 N	DRAINAGE STRUCTURE, TYPE 3 SPECIAL, ONE TYPE 20 AND ONE TYPE 21 F&G
98+84.00	59.12' LT	642.64	636.23 N; 636.23 W; 636.15 E	MANHOLE, TYPE A, 5' DIA, TYPE 1 FRAME, CLID
98+79.40	73.25' LT	638.50	636.35 S	INLET, TYPE A, TYPE 8 GRATE
99+40.00	62.74' LT	643.48	637.80 S; 635.90 W; 635.82 E	MANHOLE, TYPE A, 5' DIA, TYPE 1 FRAME, CLID
99+40.00	25.00' LT	655.51	650.12 S; 650.01 N	DRAINAGE STRUCTURE, TYPE 3 SPECIAL, ONE TYPE 20 AND ONE TYPE 21 F&G
99+40.00	25.00' RT	655.41	652.21 N	INLET, TYPE A, TYPE 6 FRAME & GRATE
100+08.08	83.57' LT	-	635.47	PRECAST REINFORCED CONCRETE FLARED END SECTION 30"
100+94.83	86.81' LT	-	634.90	PRECAST REINFORCED CONCRETE FLARED END SECTION 30"
101+40.58	68.90' RT	-	634.40	PRECAST REINFORCED CONCRETE FLARED END SECTION 30"
102+56.43	68.90' LT	-	634.30	PRECAST REINFORCED CONCRETE FLARED END SECTION 30"
103+02.18	86.81' RT	-	633.80	PRECAST REINFORCED CONCRETE FLARED END SECTION 30"

ESCA CONSULTANTS, INC.
DESIGNED - MTD
DRAWN - RJT/HAS
CHECKED - RDP
DATE - 06/12

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

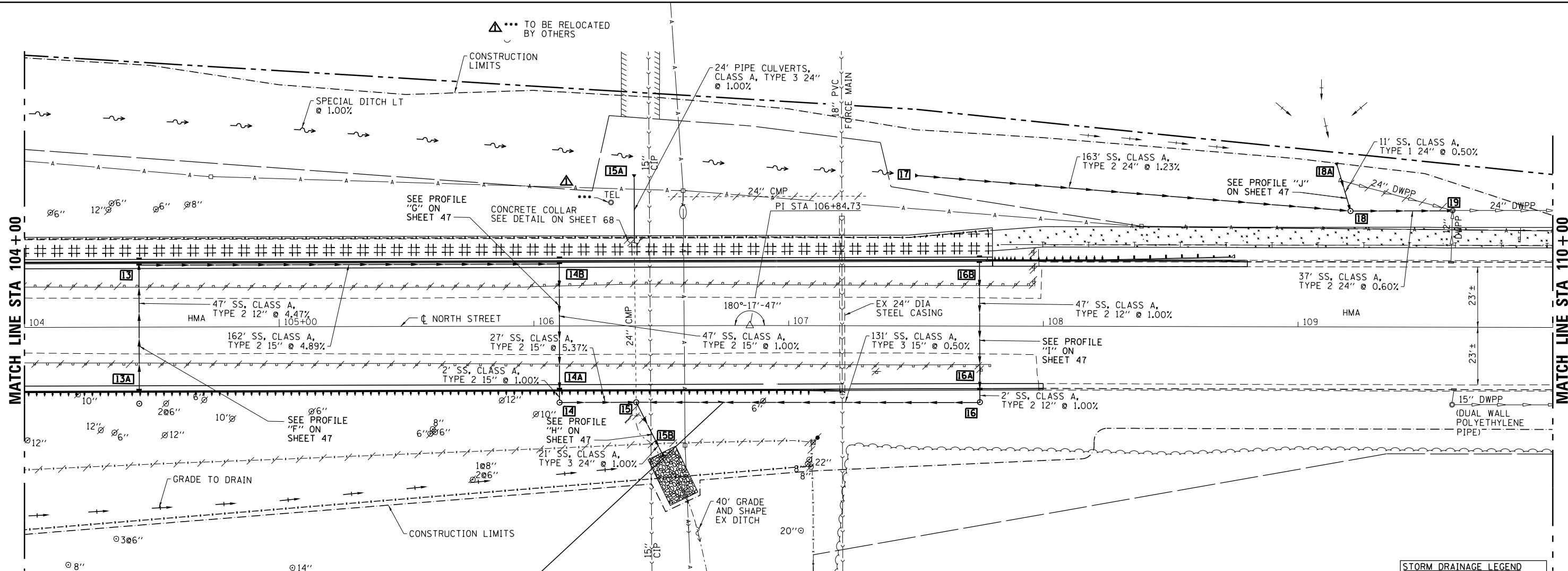
DRAINAGE AND UTILITIES PLAN

SCALE: 1"=20' SHEET NO. 2 OF 4 SHEETS STA. 98+00 TO STA. 104+00

F.A.I. R.T.E. 57 SECTION (46-3)HBR COUNTY KANKAKEE TOTAL SHEETS 126 44
CONTRACT NO. 66885

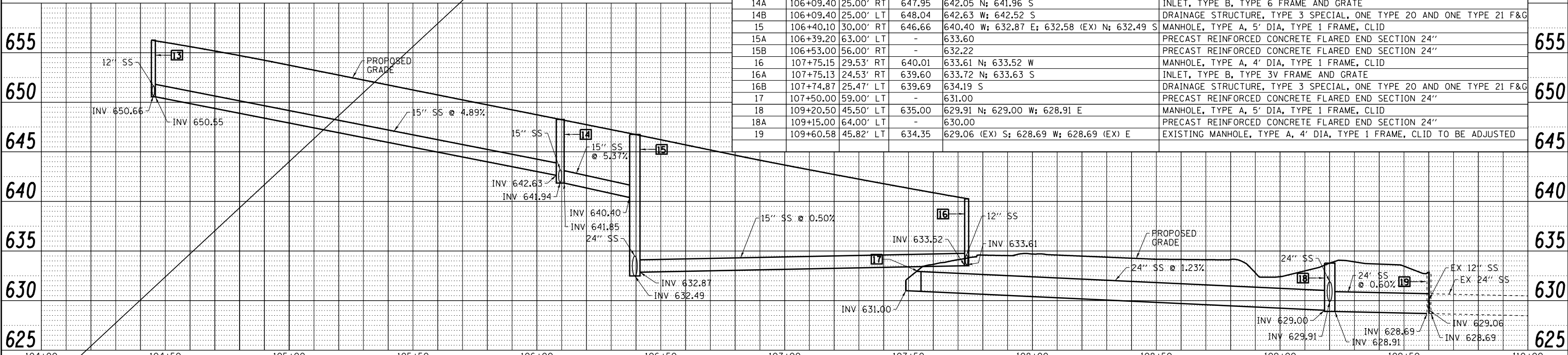
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DATE	
BY	
PROFILE	SURVEYED
	GRADES CHECKED
	NO. _____
	FILE NAME



STORM DRAINAGE LEGEND	
	STORM DRAINAGE NODE ID

STRUCTURE NUMBER	STATION	OFFSET	RIM/GRATE ELEVATION	INVERT ELEVATION(S)	STRUCTURE TYPE
13	104+43.80	25.00' LT	656.05	650.66 S; 650.55 E	DRAINAGE STRUCTURE, TYPE 3 SPECIAL, ONE TYPE 20 AND ONE TYPE 21 F&G
13A	104+43.80	25.00' RT	655.96	652.76 N	INLET, TYPE A, TYPE 6 FRAME AND GRATE
14	106+09.40	30.00' RT	648.20	641.94 N; 641.85 E	MANHOLE, TYPE A, 4' DIA, TYPE 1 FRAME, CLID
14A	106+09.40	25.00' RT	647.95	642.05 N; 641.96 S	INLET, TYPE B, TYPE 6 FRAME AND GRATE
14B	106+09.40	25.00' LT	648.04	642.63 W; 642.52 S	DRAINAGE STRUCTURE, TYPE 3 SPECIAL, ONE TYPE 20 AND ONE TYPE 21 F&G
15	106+40.10	30.00' RT	646.66	640.40 W; 632.87 E; 632.58 (EX) N; 632.49 S	MANHOLE, TYPE A, 5' DIA, TYPE 1 FRAME, CLID
15A	106+39.20	63.00' LT	-	633.60	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"
15B	106+53.00	56.00' RT	-	632.22	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"
16	107+75.15	29.53' RT	640.01	633.61 N; 633.52 W	MANHOLE, TYPE A, 4' DIA, TYPE 1 FRAME, CLID
16A	107+75.13	24.53' RT	639.60	633.72 N; 633.63 S	INLET, TYPE B, TYPE 3V FRAME AND GRATE
16B	107+74.87	25.47' LT	639.69	634.19 S	DRAINAGE STRUCTURE, TYPE 3 SPECIAL, ONE TYPE 20 AND ONE TYPE 21 F&G
17	107+50.00	59.00' LT	-	631.00	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"
18	109+20.50	45.50' LT	635.00	629.91 N; 629.00 W; 628.91 E	MANHOLE, TYPE A, 5' DIA, TYPE 1 FRAME, CLID
18A	109+15.00	64.00' LT	-	630.00	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"
19	109+60.58	45.82' LT	634.35	629.06 (EX) S; 628.69 W; 628.69 (EX) E	EXISTING MANHOLE, TYPE A, 4' DIA, TYPE 1 FRAME, CLID TO BE ADJUSTED



PRINT DRIVER = PLOTDRIVER
 PLOT MAKE = HP
 PLOT MODEL = DesignJet 5000-REPL
 FILE NAME =



USER NAME = corcoranm	DESIGNED - MTD	REVISED - MTD 06/16
ESCA PROJECT NO. 840.01	DRAWN - RJT/HAS	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - RDP	REVISED -
PLOT DATE = 6/19/2017 8:25:41 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

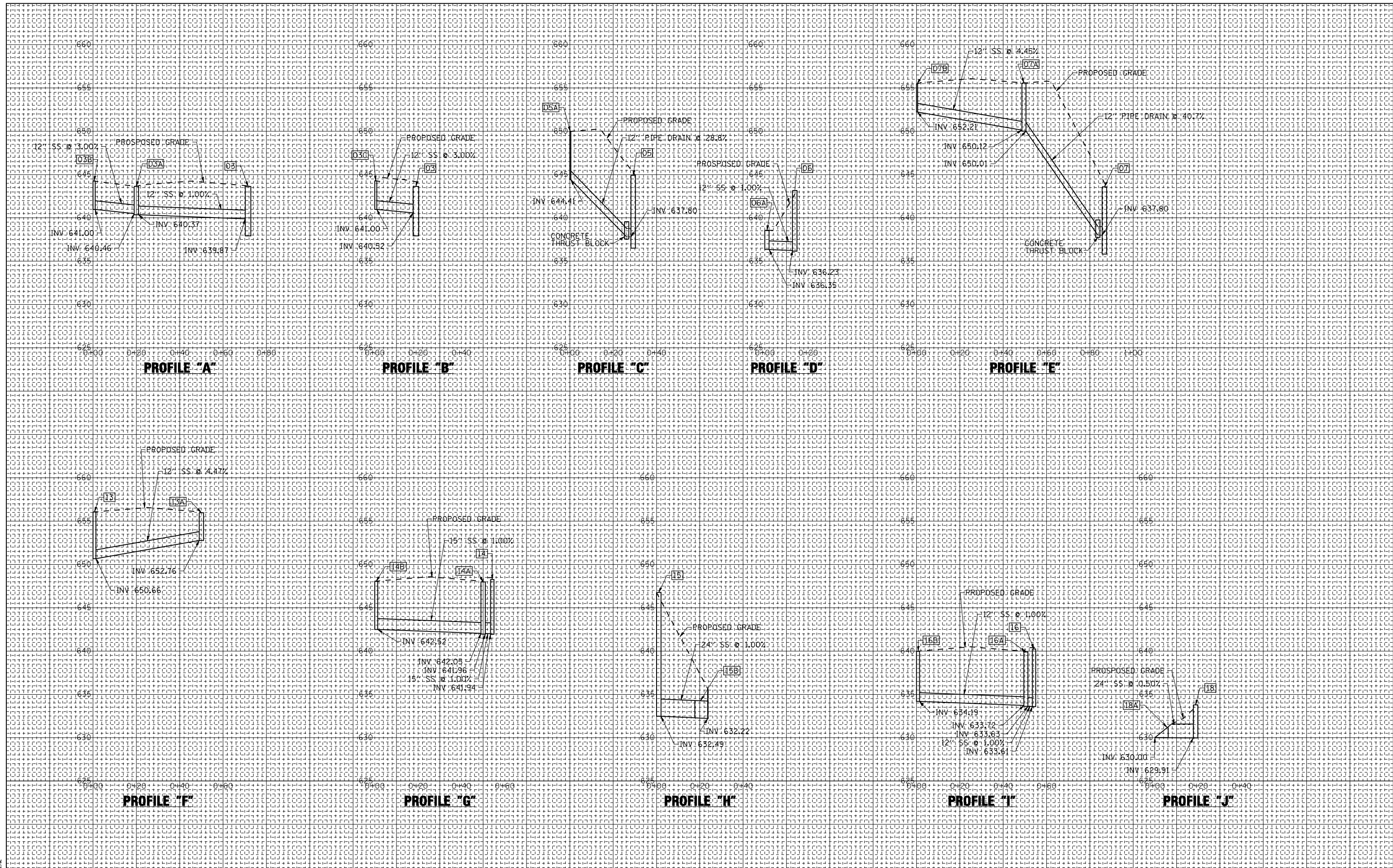
DRAINAGE AND UTILITIES PLAN

SCALE: 1"=20' SHEET NO. 3 OF 4 SHEETS STA. 104+00 TO STA. 110+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	45
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT AID	
			CONTRACT NO. 66885	

DATE	
BY	
NO.	
AREAS CHECKED	
TEMPLATE	
PLOTTED	
SURVEYED	
FINAL SURVEY NOTE BOOK NO.	

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



USER NAME = rjt
 ESCA PROJECT NO. 840.01
 PLOT SCALE = 0.1667' / IN.
 PLOT DATE = 9/12/2012 10:51:48 AM

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 DRAWN - RJT
 CHECKED - RDP
 DATE - 06/12

REVISED -
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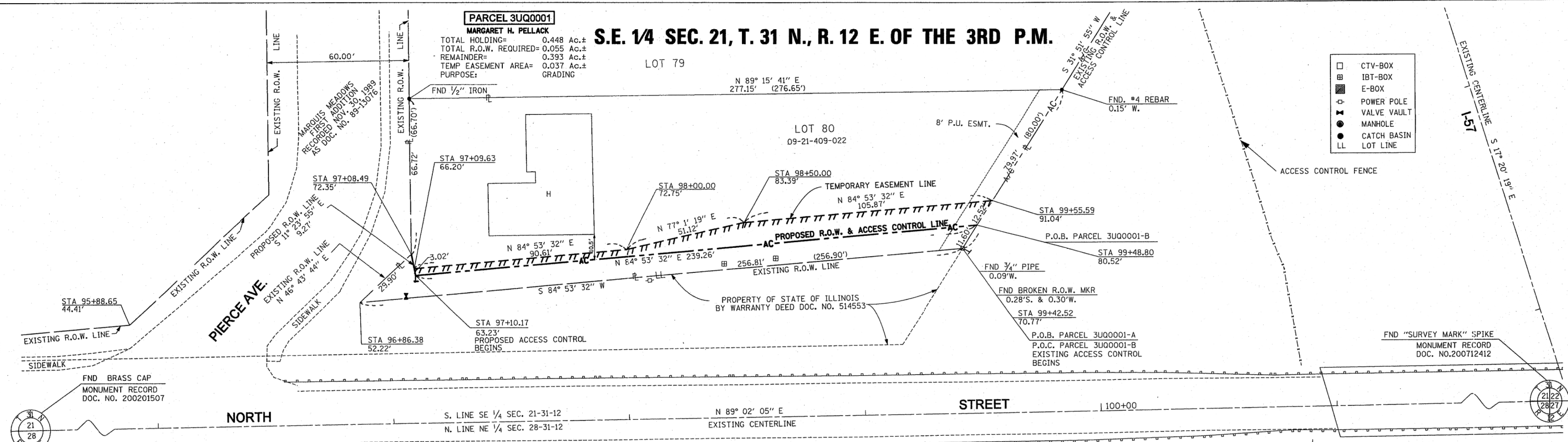
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM SEWER PROFILES

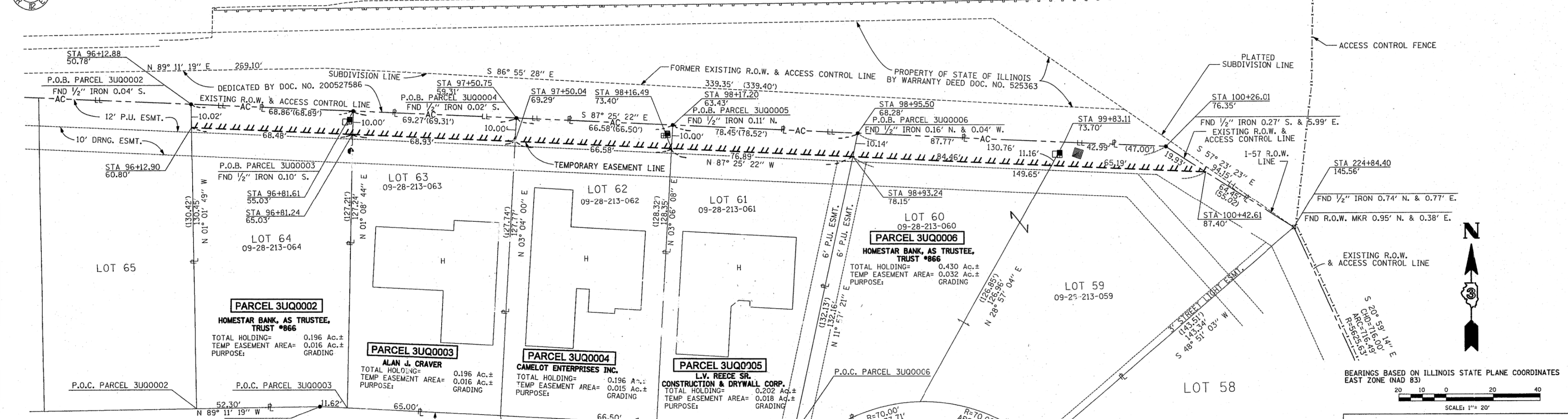
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	47
CONTRACT NO. 66885				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

S.E. 1/4 SEC. 21, T. 31 N., R. 12 E. OF THE 3RD P.M.

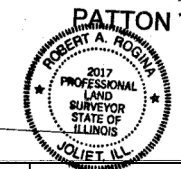


- CTV-BOX
- ▣ IBT-BOX
- E-BOX
- ⊕ POWER POLE
- ⊕ VALVE VAULT
- MANHOLE
- CATCH BASIN
- LL LOT LINE

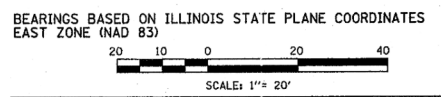


I, ROBERT A. ROGINA, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED I-57 AND NORTH STREET WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATE: May 5, 2009
 ROBERT A. ROGINA, I.P.L.S. 2017
 LICENSE EXPIRES: 11/30/10



N.E. 1/4 SEC. 28, T. 31 N., R. 12 E. OF THE 3RD P.M.



RIGHT OF WAY PLANS			
ROUTE	FAI 57(I-57)		
SECTION	(46-3) HBR		
PROJECT			
COUNTY	KANKAKEE		
JOB NUMBER	R-93-008-07		
SHEET	1	OF	2
SCALE		1" = 20'	

NO.	DATE	DESCRIPTION	BY
3	06/01/09	REV. TO CORRECT	MRM
2	06/01/09	REV. TO CORRECT	MRM
1	06/01/09	REV. TO CORRECT	MRM
1	06/16/07	ORIGINAL ISSUE	MRM

ROGINA
 & ASSOCIATES, LTD.

USER NAME = rjt
 ESCA PROJECT NO. 840.01
 PLOT SCALE = 2.0000' / ft.
 PLOT DATE = 9/12/2012 10:54:18 AM

DESIGNED - RAR
 DRAWN - RAR
 CHECKED - RAR
 DATE - 05/09

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

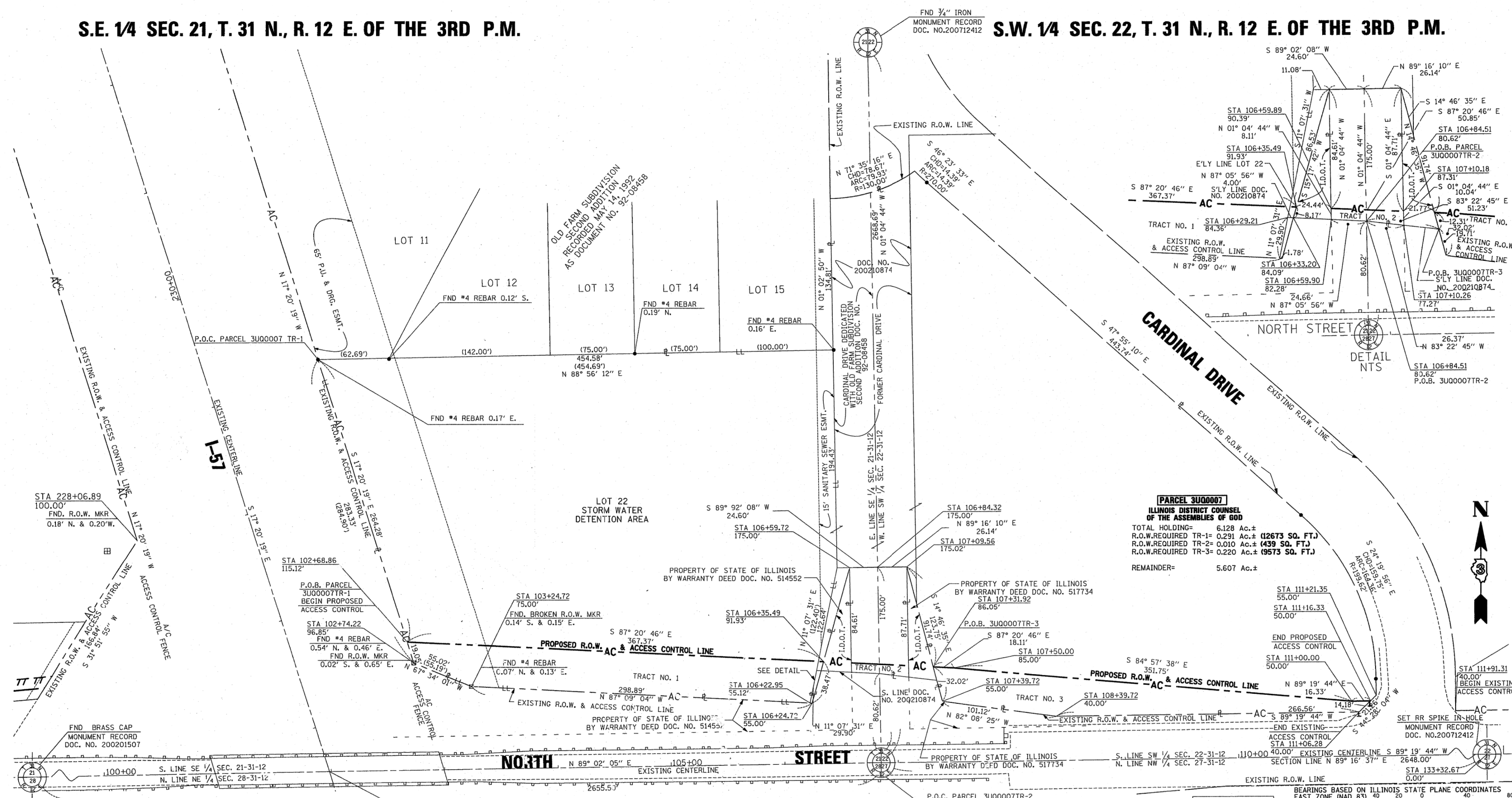
RIGHT OF WAY PLAN

SCALE: SHEET NO. 1 OF 2 SHEETS STA. 96+00 TO STA. 101+50

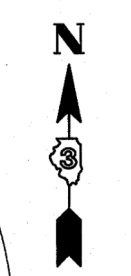
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	48
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

S.E. 1/4 SEC. 21, T. 31 N., R. 12 E. OF THE 3RD P.M.

S.W. 1/4 SEC. 22, T. 31 N., R. 12 E. OF THE 3RD P.M.



PARCEL 3U00007
 ILLINOIS DISTRICT COUNSEL
 OF THE ASSEMBLIES OF GOD
 TOTAL HOLDING= 6.128 Ac.±
 R.O.W. REQUIRED TR-1= 0.291 Ac.± (12673 SQ. FT.)
 R.O.W. REQUIRED TR-2= 0.010 Ac.± (439 SQ. FT.)
 R.O.W. REQUIRED TR-3= 0.220 Ac.± (9573 SQ. FT.)
 REMAINDER= 5.607 Ac.±



BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES
 EAST ZONE (NAD 83) 40
 SCALE: 1" = 40'

RIGHT OF WAY PLANS			
ROUTE	FAI 57(I-57)		
SECTION	(46-3) HBR		
PROJECT			
COUNTY	KANKAKEE		
JOB NUMBER	R-93-008-07		
	101+00	TO	112+00
SHEET	2	OF	2
SCALE 1" = 40'			

NO.	DATE	DESCRIPTION
4	05/07/09	PER 100% REVIEW
3	06/17/08	PER 100% REVIEW
2	06/17/08	PER 100% REVIEW
1	04/01/08	PER 100% REVIEW
	06/18/07	ORIGINAL ISSUE

I, ROBERT A. ROGINA, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED I-57 AND NORTH STREET WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.
 DATE: May 5, 2009
 ROBERT A. ROGINA (P.L.S. 2017)
 LICENSE EXPIRES: 11/30/10



N.E. 1/4 SEC. 28, T. 31 N., R. 12 E. OF THE 3RD P.M.

N.W. 1/4 SEC. 27, T. 31 N., R. 12 E. OF THE 3RD P.M.

ROGINA
& ASSOCIATES, LTD.

USER NAME = rjt	DESIGNED - RAR	REVISED -
ESCA PROJECT NO. 840.01	DRAWN - RAR	REVISED -
PLOT SCALE = 2.0000" / ft.	CHECKED - RAR	REVISED -
PLOT DATE = 9/12/2012 10:55:18 AM	DATE - 05/09	REVISED -

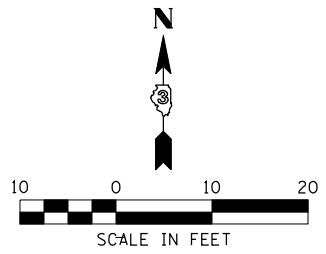
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN

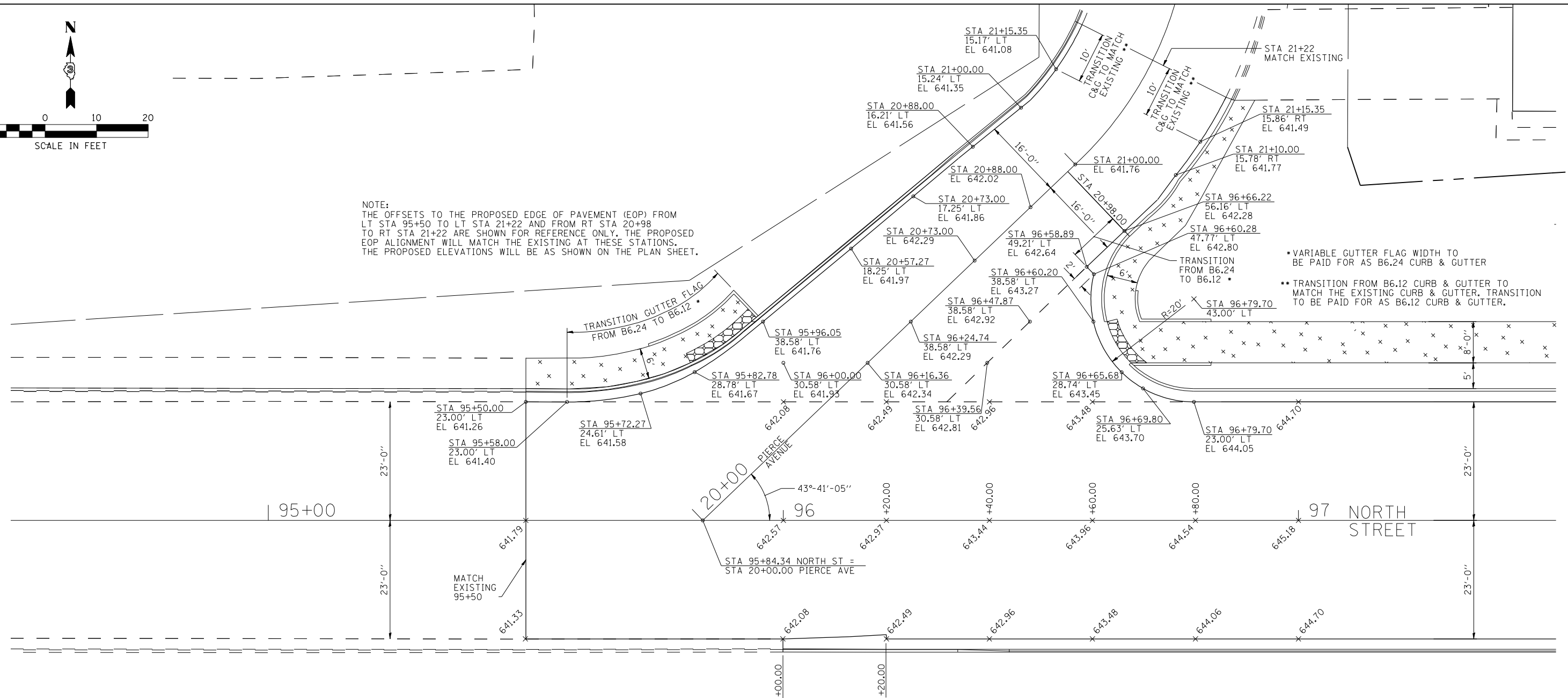
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	49

CONTRACT NO. 66885
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

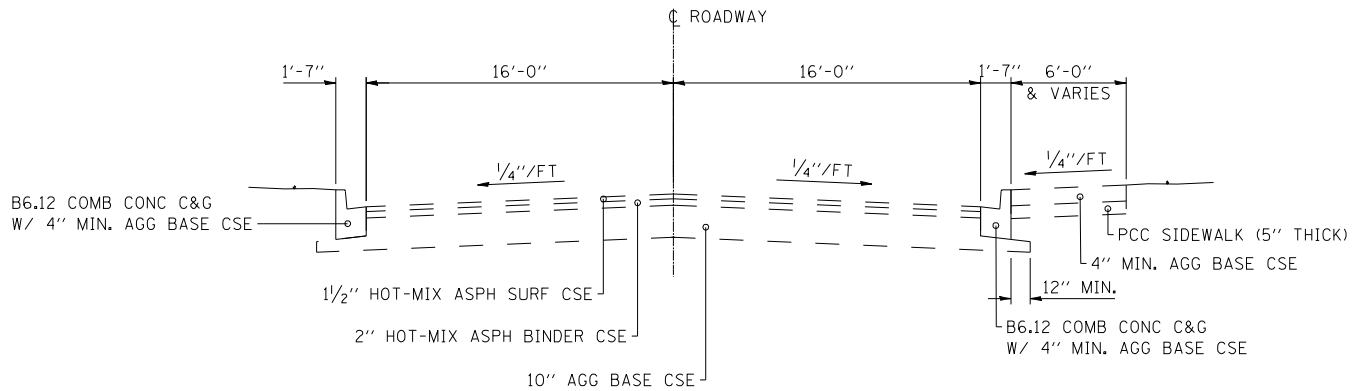


NOTE:
 THE OFFSETS TO THE PROPOSED EDGE OF PAVEMENT (EOP) FROM
 LT STA 95+50 TO LT STA 21+22 AND FROM RT STA 20+98
 TO RT STA 21+22 ARE SHOWN FOR REFERENCE ONLY. THE PROPOSED
 EOP ALIGNMENT WILL MATCH THE EXISTING AT THESE STATIONS.
 THE PROPOSED ELEVATIONS WILL BE AS SHOWN ON THE PLAN SHEET.

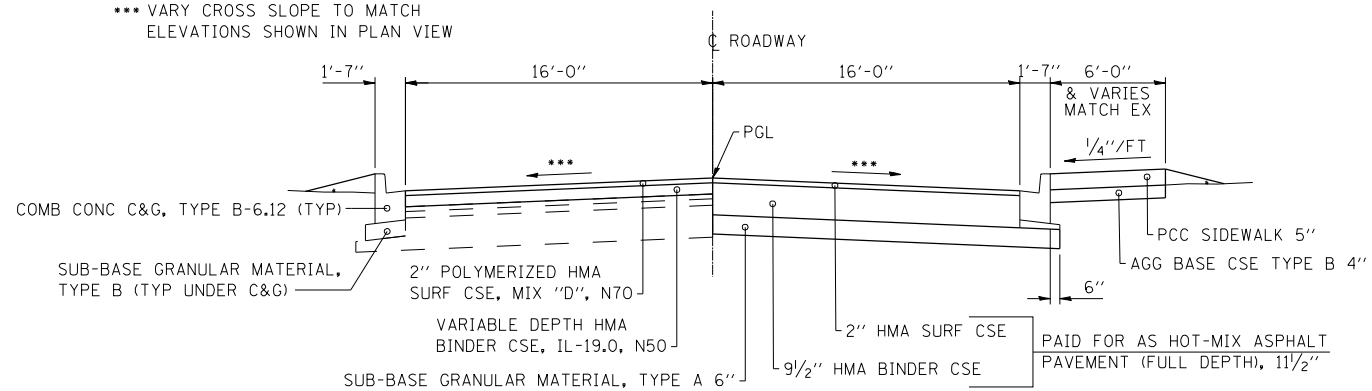


PLAN

* VARIABLE GUTTER FLAG WIDTH TO BE PAID FOR AS B6.24 CURB & GUTTER
 ** TRANSITION FROM B6.12 CURB & GUTTER TO MATCH THE EXISTING CURB & GUTTER. TRANSITION TO BE PAID FOR AS B6.12 CURB & GUTTER.



**EXISTING TYPICAL SECTION
 PIERCE AVENUE**



**PROPOSED TYPICAL SECTION
 PIERCE AVENUE**

NOTE: FULL-DEPTH HMA PVMT ENDS AT 20+98. RESURFACING CONTINUES AS SHOWN ON LT.

PRINT DRIVER: L:\05-ESCA\011...
 SCALE: 1/4" = 10'-0"
 FILE NAME: C:\ESCA\011...

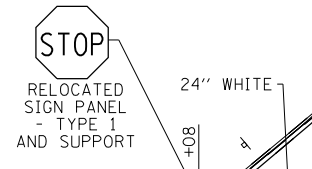
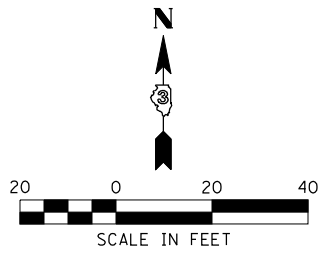


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ESCA PROJECT NO. 040.01	DRAWN - DWH/HAS	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

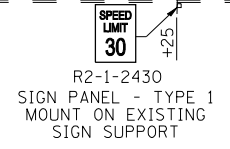
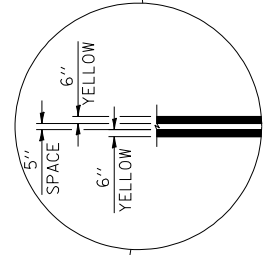
INTERSECTION DETAILS NORTH STREET / PIERCE AVENUE	
SCALE: 1"=10'	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	50
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 66885	



LEGEND
 ◆ BIDIRECTIONAL CRYSTAL REFLECTOR
 TYPE A ON GUARDRAIL
 TYPE B ON BARRIER WALL

GENERAL NOTES
 ALL PAVEMENT MARKING LETTERS SHALL BE 8' SIZE AND SYMBOLS SHALL BE LARGE SIZE.
 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, UNLESS NOTED OTHERWISE.
 ALL SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS WITH GROUND MOUNT BASE UNLESS NOTED OTHERWISE.



REMOVE ALL EXISTING PAVEMENT MARKINGS ON NORTH STREET

PAVEMENT MARKINGS ON CONCRETE SURFACES SHALL BE EPOXY

MATCH LINE STA 98+00

MATCH LINE STA 104+00

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 SCALE NAME = PLOT
 FILE NAME = 1005723.dwg



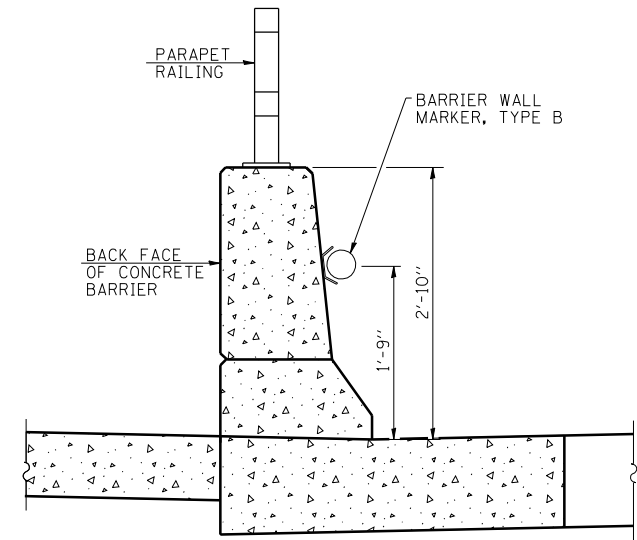
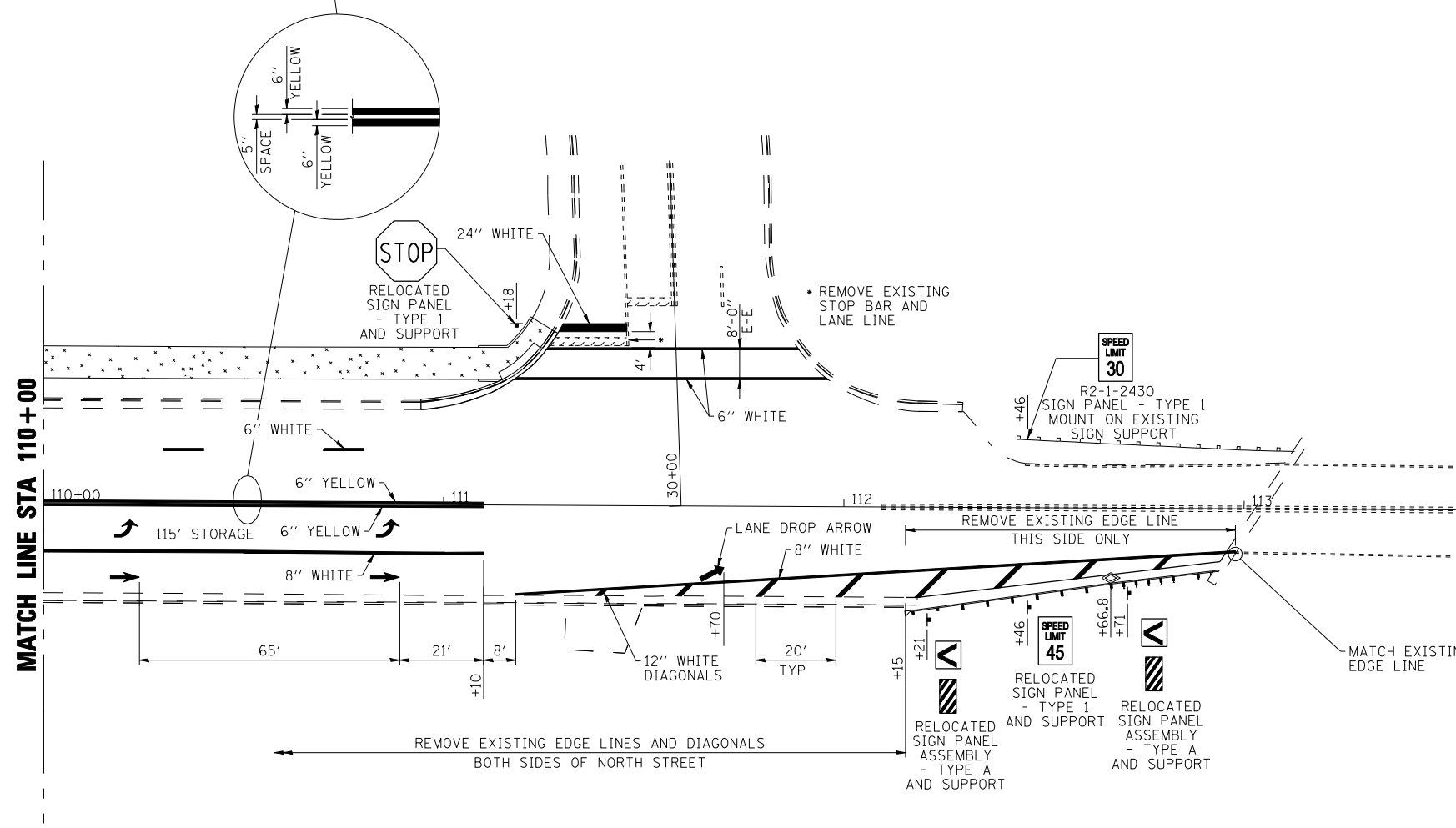
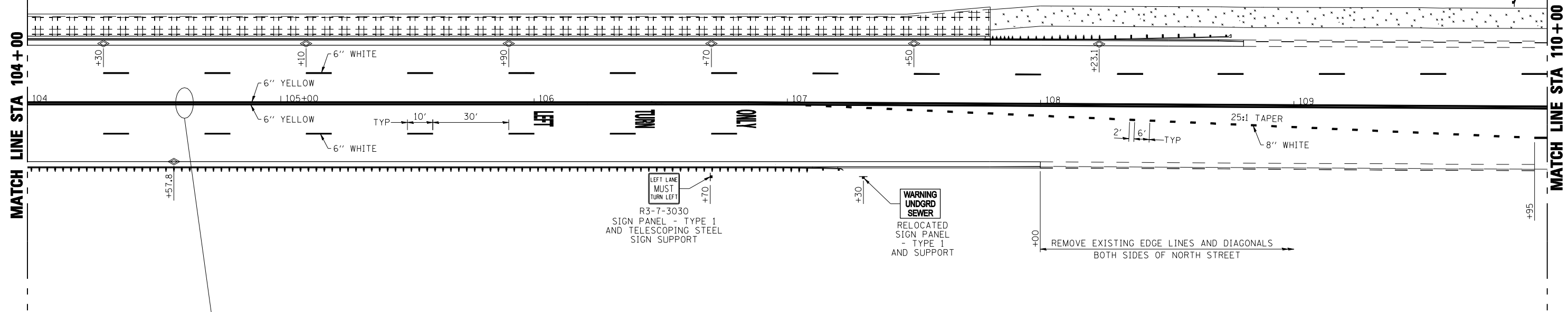
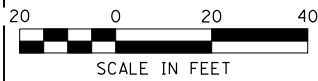
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PLOT DATE = 9/12/2012 10:57:23 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS STA. 92+00 TO STA. 104+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	51
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



BARRIER WALL MARKER MOUNTING DETAIL

PRINT DRIVER: LUD-EBR@illinois.gov
 SCALE: 1"=20'
 PLOT DATE: 9/12/2012 10:57:44 AM



USER NAME = rjt	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 040.01	DRAWN - HAS	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012 10:57:44 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. 104+00 TO STA. 113+52.91

F.A.I. RTE. 57	SECTION (46-3)HBR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 52
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

IDOT HIGHWAY STANDARDS

DRAWING NO.	TITLE
81200f	RACEWAY EMBEDDED IN STRUCTURE
821101-02	LUMINAIRE WIRING IN POLE
825011-03	LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
830006-04	LIGHT POLE ALUMINUM DAVIT ARM
836001-02	LIGHT POLE FOUNDATION
838001	BREAKAWAY DEVICES

INDEX OF DRAWINGS:

DRAWING NO.	TITLE
E-1	LEGEND, GENERAL NOTES, SCHEDULE OF QUANTITIES AND INDEX OF DRAWINGS
E-2	LIGHTING PLAN
E-3	LIGHTING PLAN AND WIRING DIAGRAMS
E-4	LIGHTING DETAILS CONDUIT EXITING PARAPET ON APPROACH PAVEMENT DETAIL
E-5	LIGHTING DETAILS POLE HANDHOLE WIRING DETAIL
E-6	LIGHTING DETAILS NIGHTTIME LIGHTING INSPECTION DETAIL

ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
AMP	AMPERE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
DIA.	DIAMETER
ECA	ELECTRIC CABLE ASSEMBLY
' , FT	FEET OR FOOT
GND	GROUND
GFCI	GROUND FAULT CURRENT INTERRUPTER
CNC	COILABLE NONMETALLIC CONDUIT
HPS	HIGH PRESSURE SODIUM
I.D.	INNER DIAMETER
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
LTFM	LIQUID TIGHT FLEXIBLE METALLIC
M	METER
MA	MAST ARM
W	WATTS
M.H.	MOUNTING HEIGHT
MW	MESSENGER WIRE
NO. #	NUMBER
O.D.	OUTER DIAMETER
P.V.C. OR PVC	POLYVINYL CHLORIDE
V	VOLTAGE
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SS	STAINLESS STEEL
STA	STATION
Ø	PHASE
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
UGC, GS	UNDERGROUND CONDUIT, GALVANIZED STEEL
WP	WOOD POLE
W/	WITH

LIGHTING AND ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	EXISTING UTILITY POLE MOUNTED LIGHTING UNIT
	EXISTING ELECTRIC UTILITY POLE
	PROPOSED LIGHTING UNIT, 45FT M.H., LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE MOUNTED ON 12FT DAVIT ARM U.N.O.
	PROPOSED LIGHTING CONTROLLER, SIZE AND TYPE AS NOTED
	PROPOSED ELECTRIC SERVICE INSTALLATION, POLE MOUNTED
	PROPOSED JUNCTION BOX, SIZE AND TYPE AS NOTED
	PROPOSED UNIT DUCT, 600V (XLP-TYPE USE) SIZE AND TYPE AS NOTED
	PROPOSED CABLE 600V (XLP-TYPE USE) IN EMBEDDED CONDUIT, SIZE AND TYPE AS NOTED
	PROPOSED UNIT DUCT, 600V (XLP-TYPE USE) IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED

GENERAL NOTES

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS AND UNIT PRICE ITEMS.
- ALL NEW CONDUITS, JUNCTION BOXES AND APPURTENANCES ARE INDICATED DIAGRAMMATICALLY ON THE DRAWINGS. THE ACTUAL LOCATIONS IN THE FIELD SHALL MEET WITH APPROVAL OF THE ENGINEER.
- THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL THE LIGHT POLES AND THE LIGHTING CONTROLLER FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER AT THE PRECONSTRUCTION INSPECTION. THE EXACT LOCATION OF ALL ITEMS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.
- THE SCALE SHOWN ON PLAN DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT TO REDUCED SIZE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF THE FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATION OF THE FINISHED GRADE WITH THE TOP OF THE FOUNDATION HEIGHTS AND THE LIKE SHALL REMAIN WITH THE CONTRACTOR.
- ALL LUMINAIRES SHALL BE ORIENTED WITH THE OPTICS PERPENDICULAR TO THE ROADWAY UNLESS NOTED OTHERWISE OR DIRECTED BY THE ENGINEER. THE LUMINAIRES MAY REQUIRE NIGHT-TIME OPTICAL ADJUSTMENT UPON INSPECTION BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEMS. SEPARATE PAYMENT WILL NOT BE MADE.
- CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM 24 INCH DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY UNDERDRAINS AND OTHER EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL INCREASE DEPTH OF UNIT DUCT AND CONDUIT AS REQUIRED AT NO ADDITIONAL COST TO THE STATE. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE, AS PART OF THE UNDERGROUND CONDUIT OR UNIT DUCT. THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
- WHERE THE CONTRACTOR'S EXCAVATION MEETS AN OBSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR DIRECTION IN WRITING PRIOR TO FURTHER EXCAVATION. THE CONTRACTOR SHALL RESTORE ANY DAMAGE TO EXISTING SYSTEMS OR UTILITIES AND REMOVE EXISTING OBSTRUCTIONS AND FOUNDATIONS TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE PAY ITEM.
- THE CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUITS, FOUNDATIONS AND UNIT DUCTS WITH THE ROADWAY, CURB AND SIDEWALK WORK, TRAFFIC SIGNAL WORK, AND UNDERGROUND UTILITIES.
- NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE BEEN CURED FOR A MINIMUM OF 10 DAYS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- TO MAINTAIN THE STRUCTURAL INTEGRITY, ALUMINUM POLES WITH DAVIT ARMS SHALL NOT BE ERECTED AND/OR LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE POLES SHALL NOT BE PAID FOR UNTIL THE POLES ARE FULLY APPROVED AND THE LUMINAIRES ARE INSTALLED.
- ALL PROPOSED LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.
- LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. AFTER UNIT DUCT IS INSTALLED, FOUNDATIONS SHALL BE FILLED WITH FINE AGGREGATE ACCORDING TO ARTICLE 836.03. WASHERS USED TO INSTALL THE POLES SHALL BE LARGE ENOUGH TO FULLY COVER THE SLOTTED HOLES IN THE POLE BASE PLATE.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL A CONCRETE WORK PAD IN FRONT OF THE LIGHTING CONTROLLER PER SECTION 825 OF THE STANDARD SPECIFICATIONS.
- UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA. SHALL BE SCHEDULE 80.

ITEM	UNIT	TOTAL QUANTITY	SHEET E-2	SHEET E-3
IDOT				
ELECTRIC SERVICE INSTALLATION	EACH	1	1	-
UNDERGROUND CONDUIT, PVC 2" DIA.	FOOT	40	40	-
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	161	161	-
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	460	460	-
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	2	2	-
JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 12" X 12" X 6"	EACH	2	2	-
UNIT DUCT, 600V, 2-1C NO. 10, 1/C NO. 10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	2860	1115	1745
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1410	1410	-
LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH	10	5	5
LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1	1	-
LIGHT POLE, ALUMINUM, 45FT. M.H., 12FT. DAVIT ARM	EACH	10	5	5
LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	65	32.5	32.5
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	2	-	2
CONDUIT ATTACHED TO STRUCTURE, 2" DIA. STAINLESS STEEL	FOOT	20	20	-

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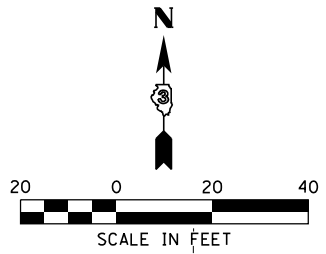
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LEGEND, GENERAL NOTES, SCHEDULE OF QUANTITIES
AND INDEX OF DRAWINGS**

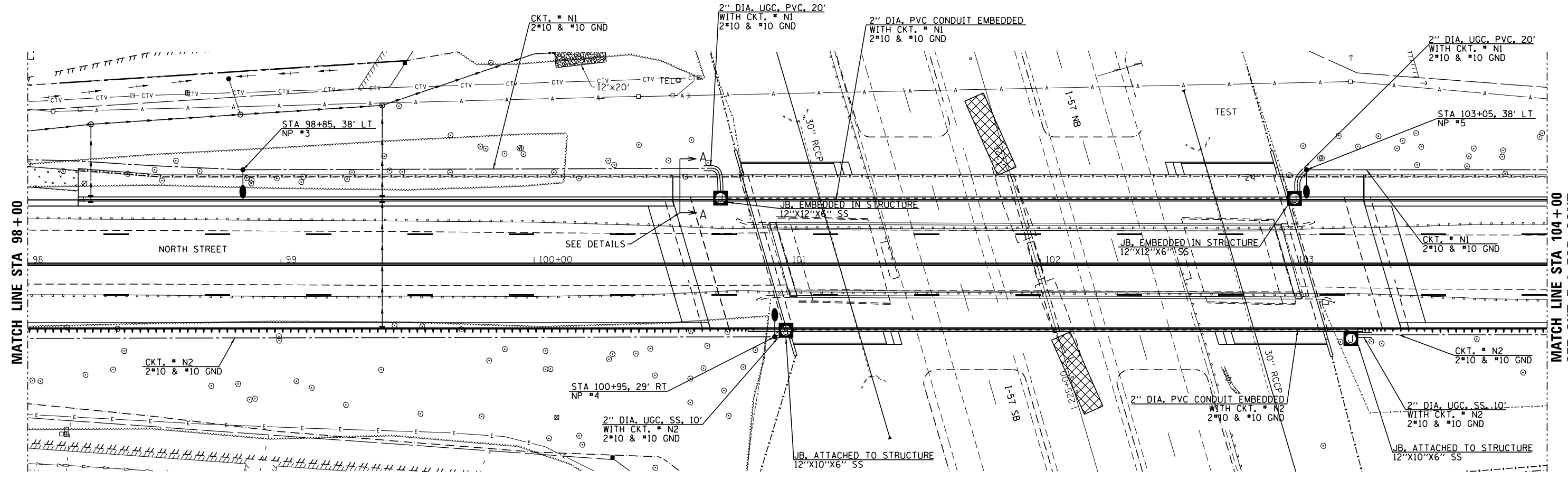
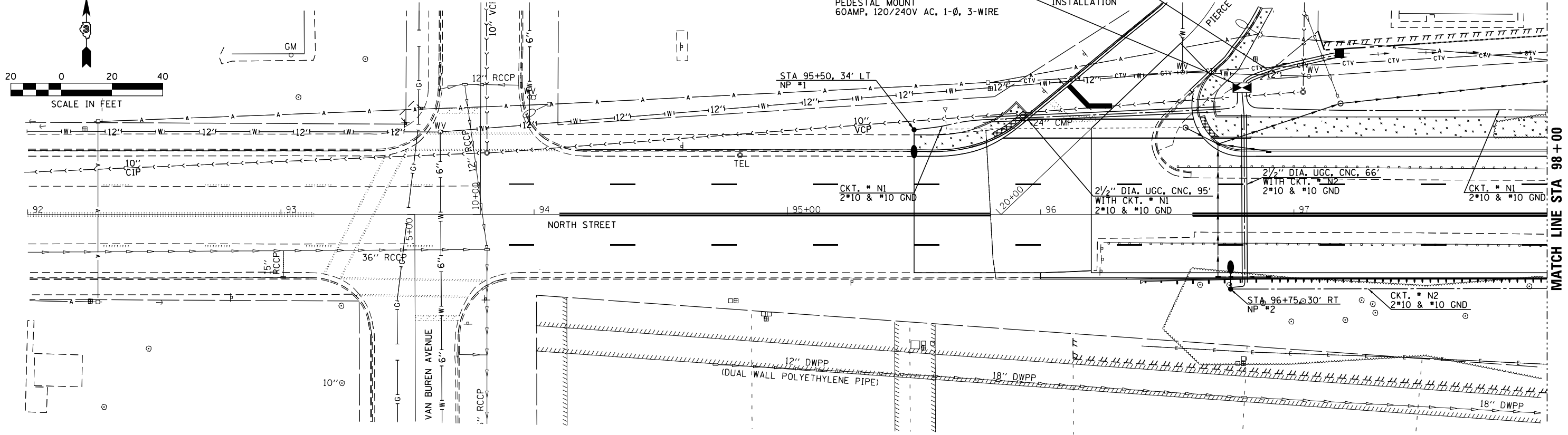
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	53
CONTRACT NO. 66885			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



PROPOSED LIGHTING CONTROLLER "N"
 STA 96+80, 50' LT
 PEDESTAL MOUNT
 60AMP, 120/240V AC, 1-Ø, 3-WIRE

PROPOSED
 ELECTRIC SERVICE
 INSTALLATION



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MATCH LINE STA 98+00

MATCH LINE STA 98+00

MATCH LINE STA 104+00
 SEE SHT. E-3 FOR CONT.

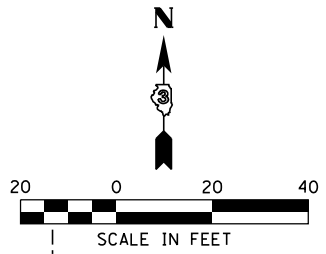
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PLOT DATE = 8/16/2017	CHECKED	REVISED -
	DATE	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NORTH STREET OVER I-57 LIGHTING PLAN	
SCALE:	SHEET NO. 2 OF 6 SHEETS STA. 92+00 TO STA. 104+00

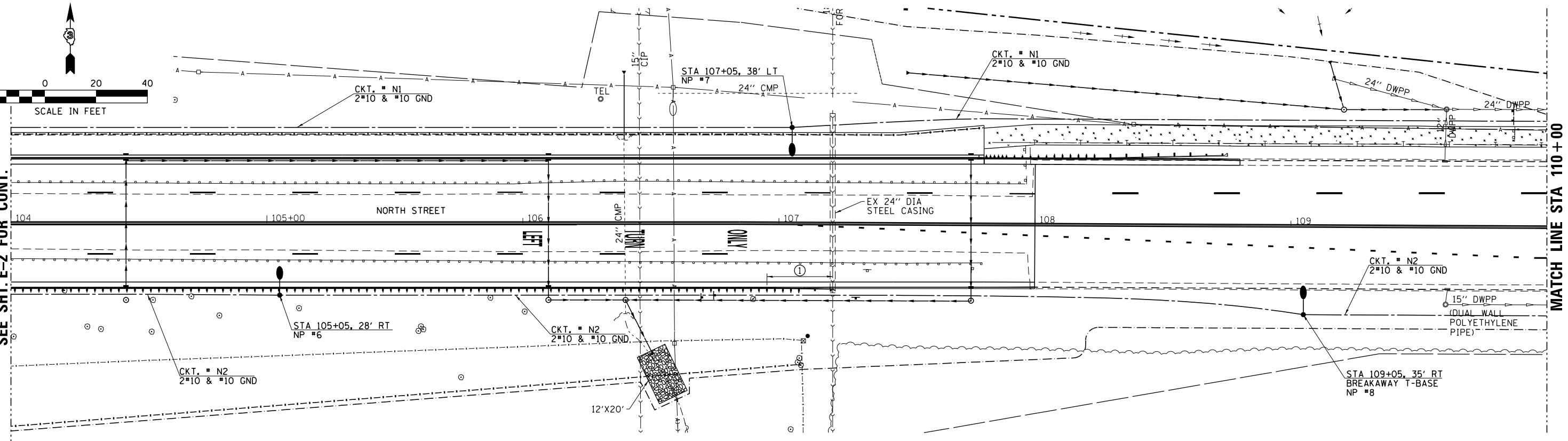
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	54
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 66885		

E-02

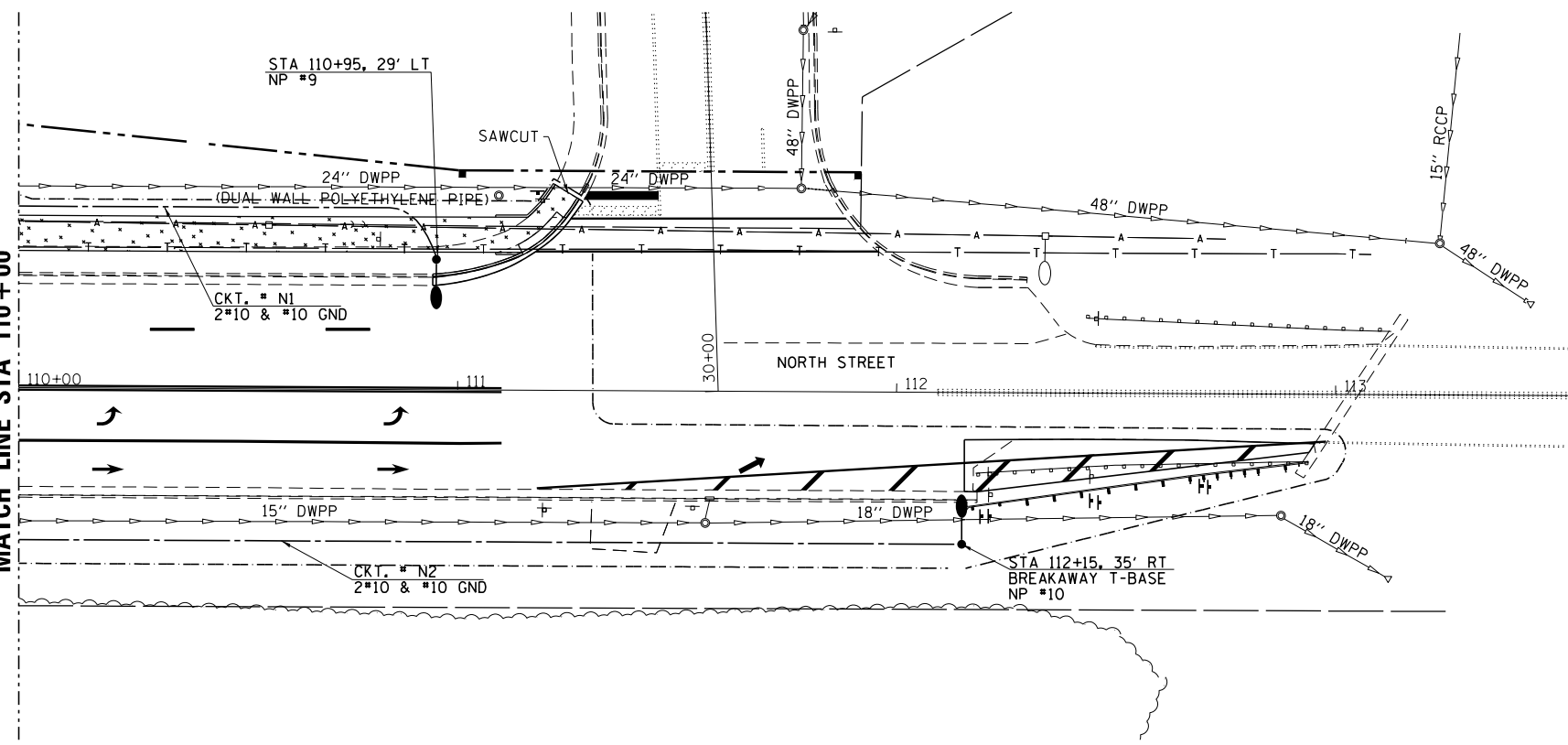


MATCH LINE STA 104+00
SEE SHT. E-2 FOR CONT.

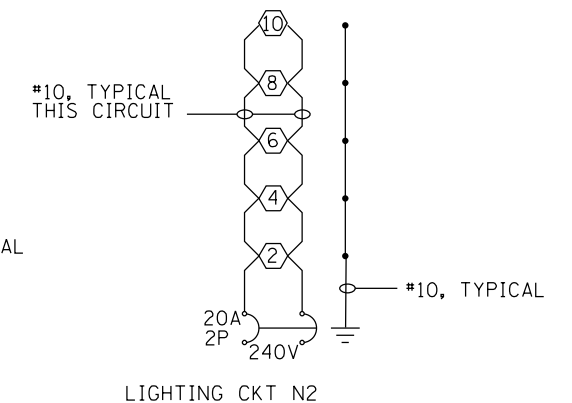
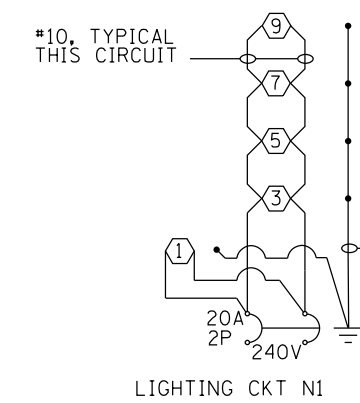
MATCH LINE STA 110+00



MATCH LINE STA 110+00



⬡ - LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE



PROPOSED LIGHTING CONTROLLER "N"
WIRING DIAGRAM

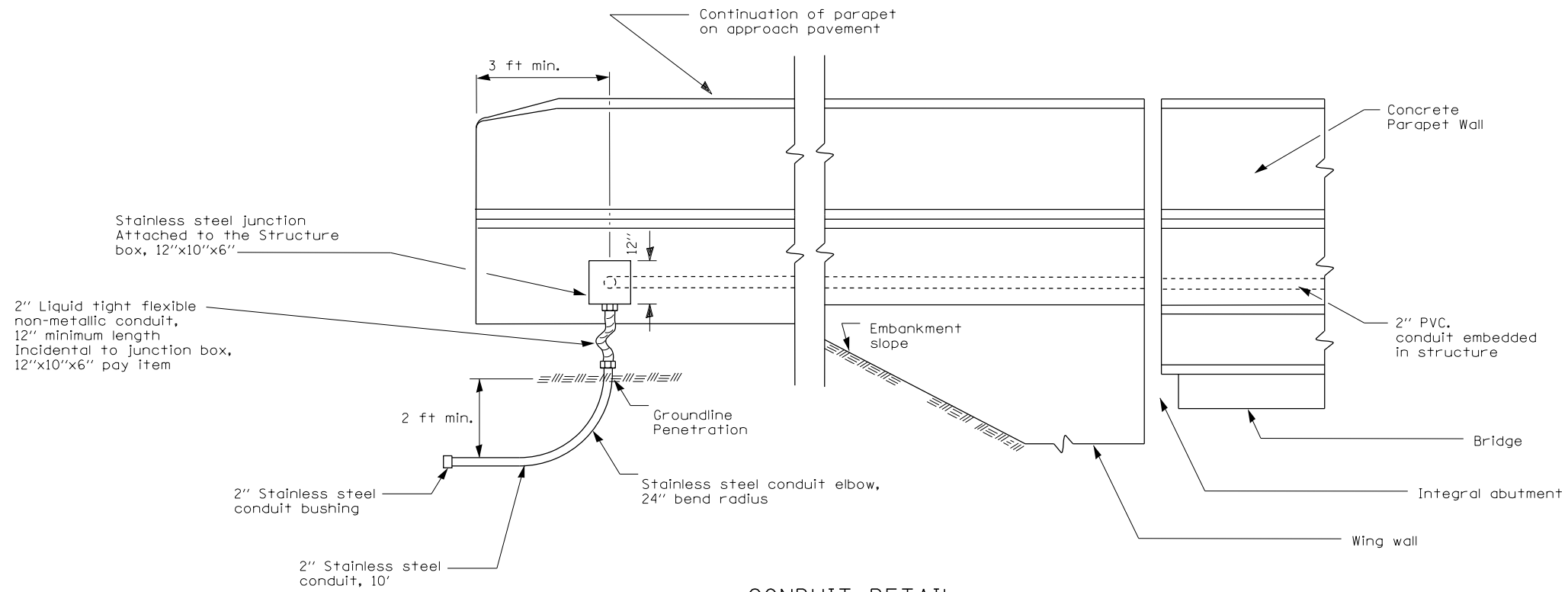
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USER NAME = corcoranim	DESIGNED	REVISED -
	DRAWN	REVISED -
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PLOT DATE = 8/16/2017 9:23:24 AM	DATE	REVISED -

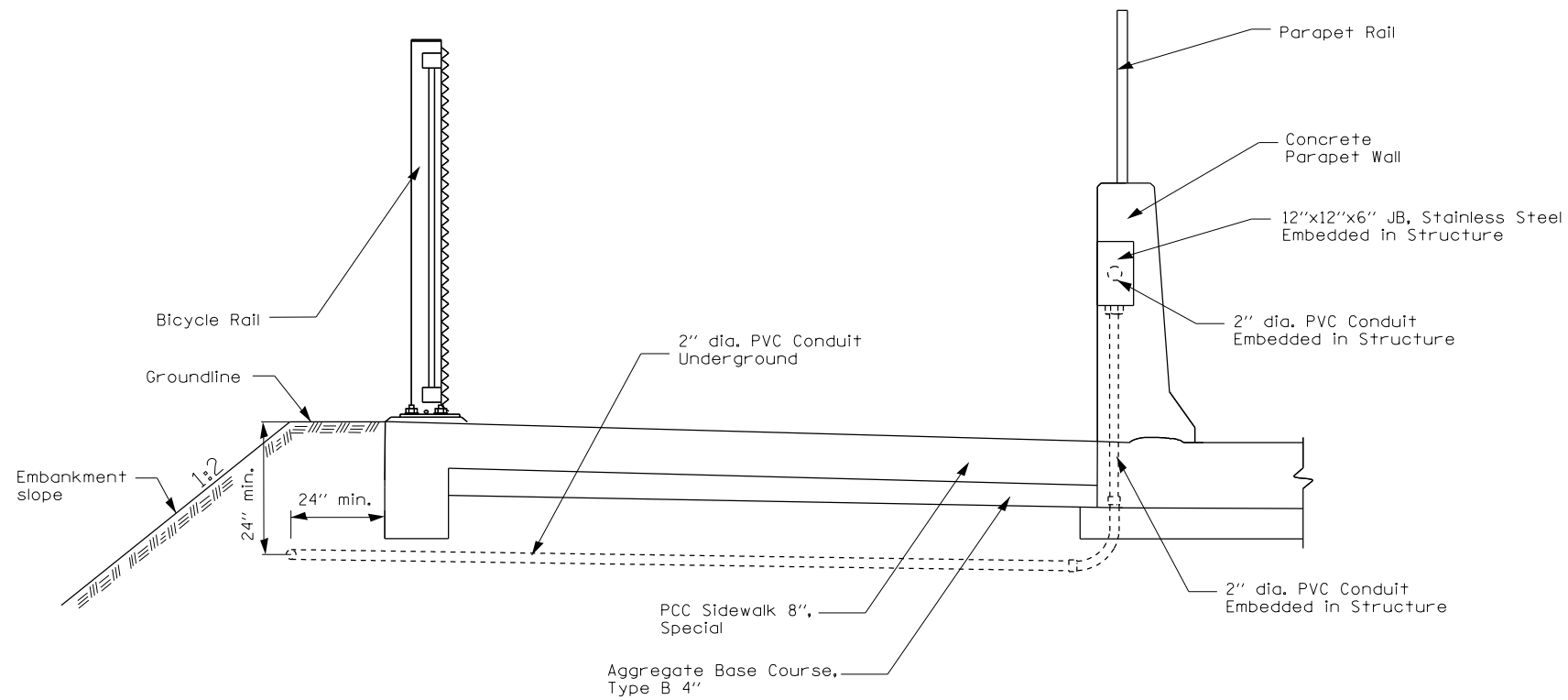
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH STREET OVER I-57 LIGHTING PLAN AND WIRING DIAGRAMS		
SCALE:	SHEET NO. 3 OF 6 SHEETS	STA. 104+00 TO STA. 113+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	55
CONTRACT NO. 66885				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



CONDUIT DETAIL
(Integral Abutment)



SECTION A-A
CONDUIT TRANSITION DETAIL

p:\1\084EBID\NTEC\illinois.gov\PI\DOT\Documents\IDOT Offices\District 3\Projects\EP02503\CAD\data\CAD\sheet\366885-sht-light04.dgn

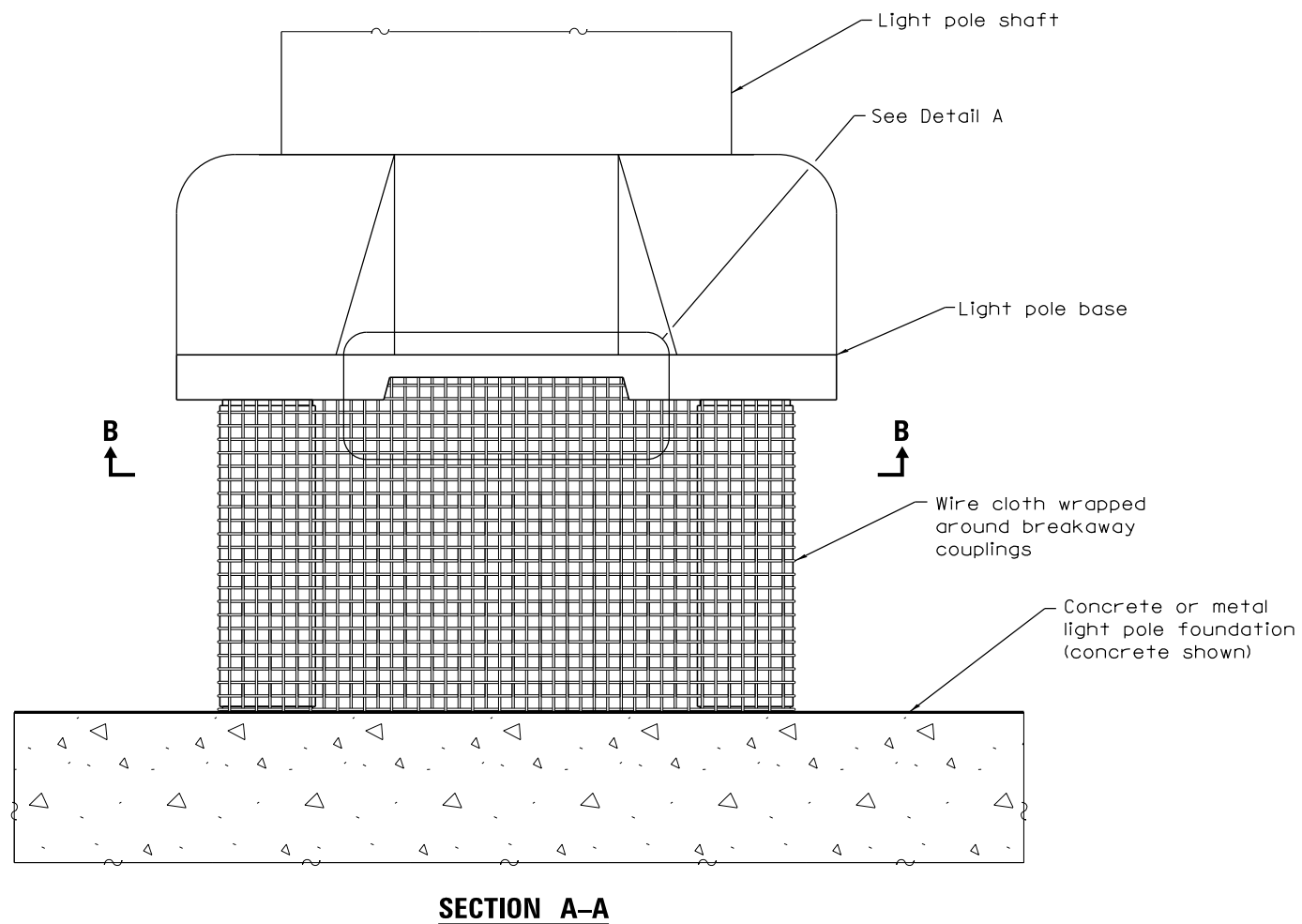
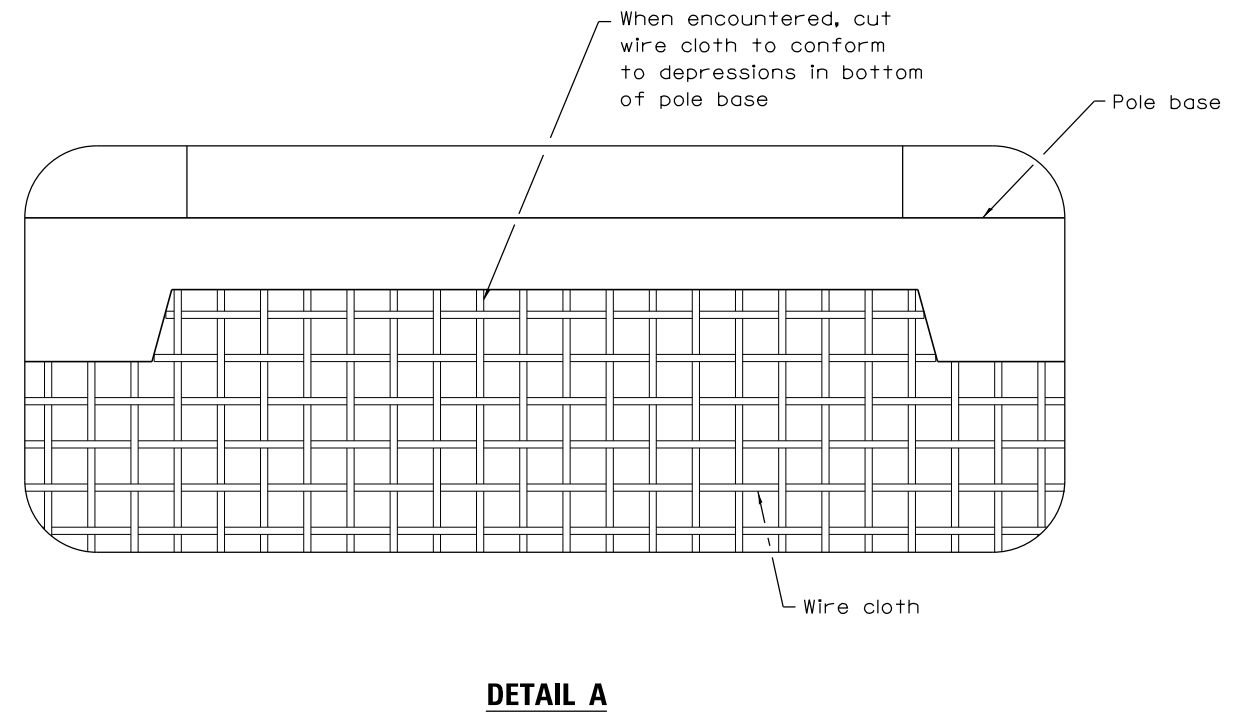
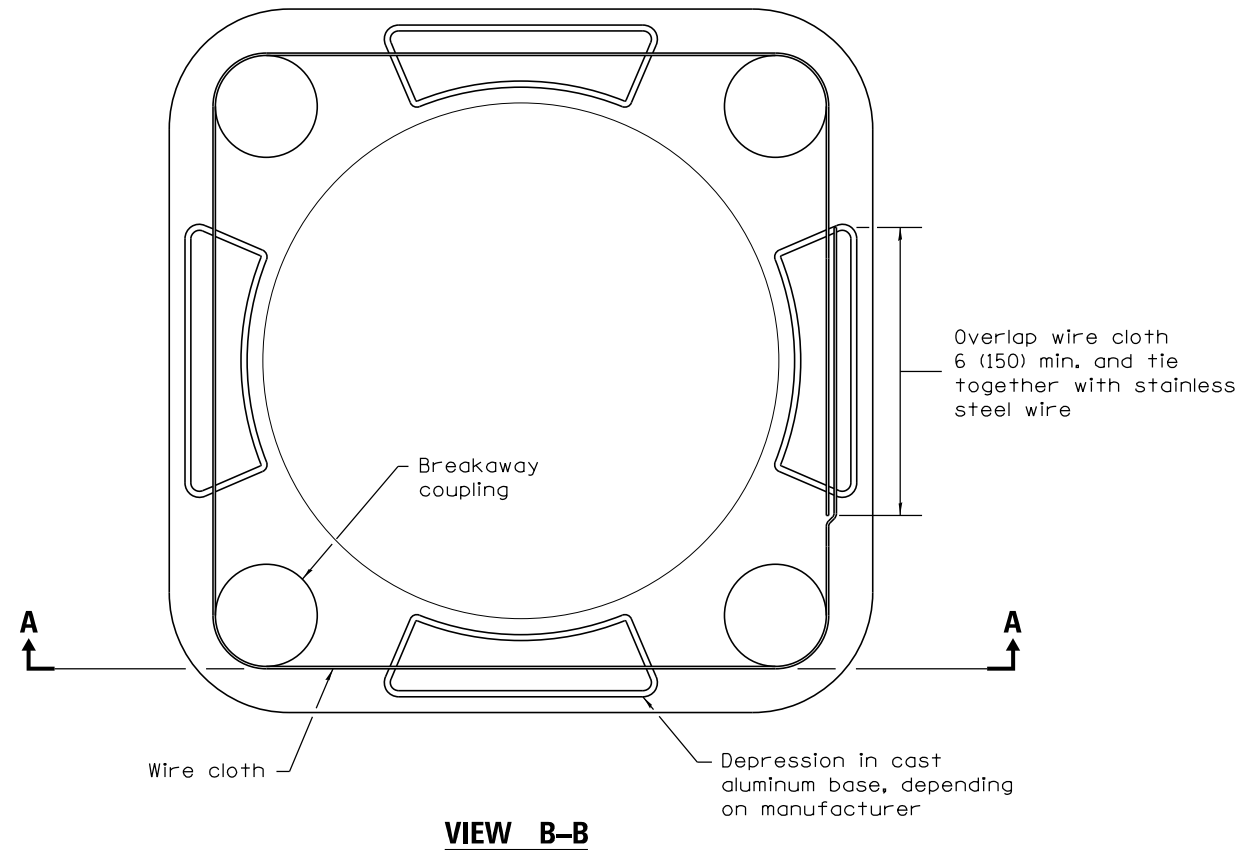
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS
CONDUIT EXITING PARAPET ON APPROACH PAVEMENT

SCALE: NTS SHEET NO. 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	56
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



GENERAL NOTES

Wire cloth shall be stainless steel, have a maximum opening of 1/4 (6), and a minimum wire diameter of AWG No. 16 (1.6).

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

E-05

MODEL: PLOT: SHARE
 FILE NAME: \\s:\u0046\BID\NTEC\Illinois\gov\PIV\DOT\Documents\DOT_Offices\Director\3\Projects\IEP02503\CADD\data\CAD\hearts\366885-sh-llh\01.dgn

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	DATE -	REVISED -

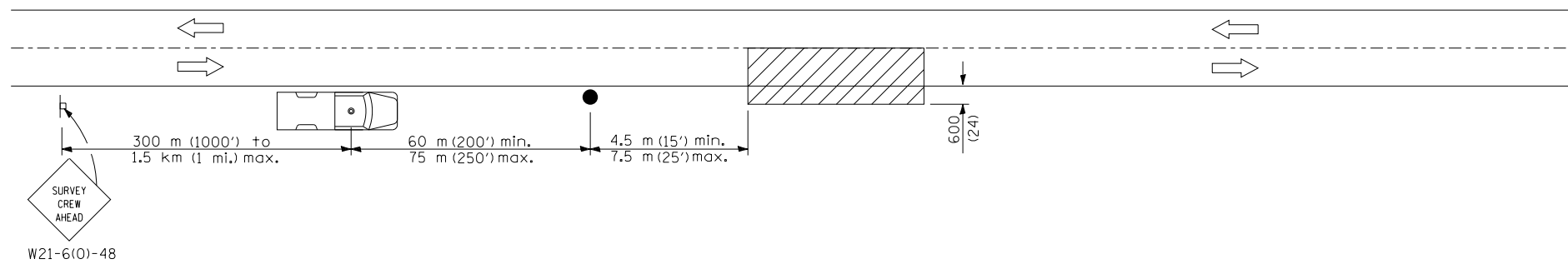
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RODENT SHIELD FOR
ALUMINUM POLE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	57
CONTRACT NO. 66885				
ILLINOIS FED. AID PROJECT				

p:\1\084EBID\NTEC\illinois.gov\PI\DOT\Documents\IDOT\Offices\District\3\Projects\EP02503\CADD\ata\CAD\sheets\1366885-sht-light06.dgn



SYMBOLS



Work area



Sign on portable or permanent support



Truck with flashing amber light and dual emergency flashers



Flagger with traffic control sign

TYPICAL APPLICATIONS
Utility operations

All dimensions are in millimeters (inches) unless otherwise shown. E-06

USER NAME = corcoranim	DESIGNED	REVISED -
	DRAWN	REVISED -
PLOT SCALE = 0:32.000 mm / in.	CHECKED	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

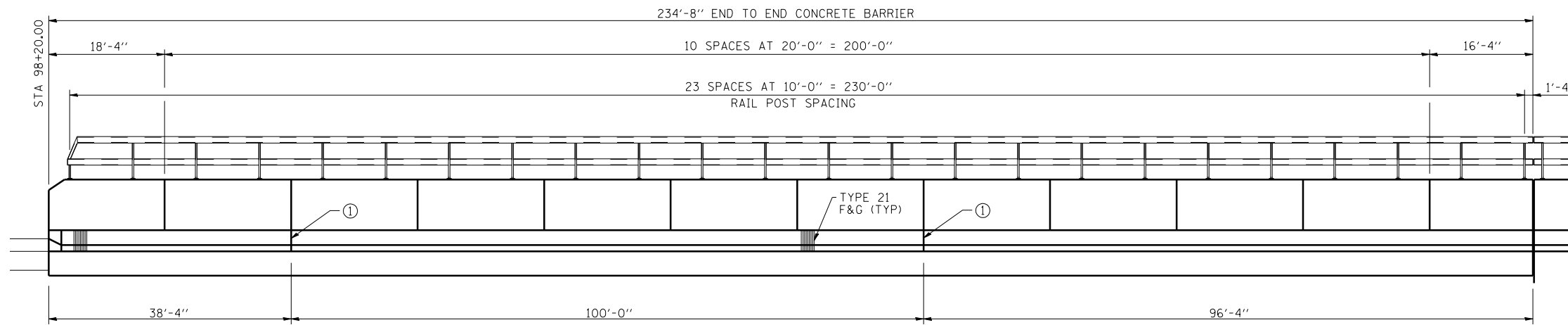
LIGHTING DETAILS
NIGHTTIME LIGHTING INSPECTION DETAIL

SCALE: NTS SHEET NO. 6 OF 6 SHEETS STA. TO STA.

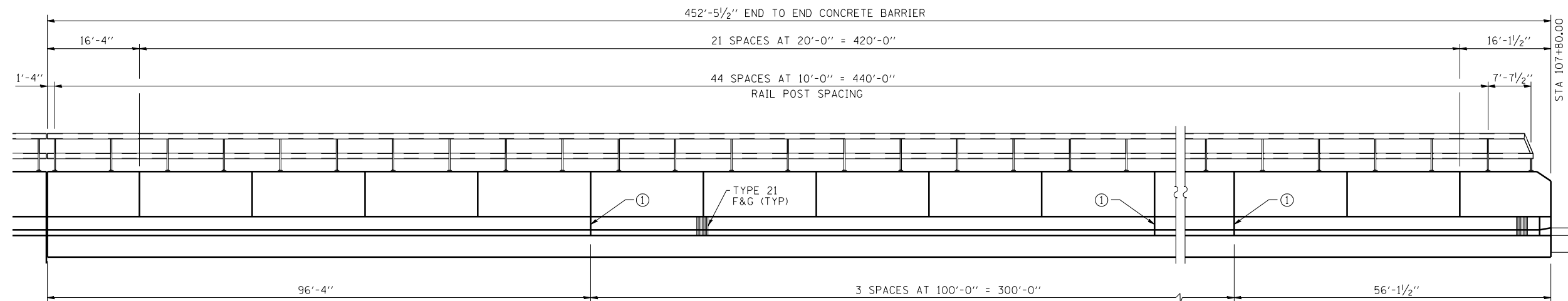
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	58
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

MIN. BAR LAPS

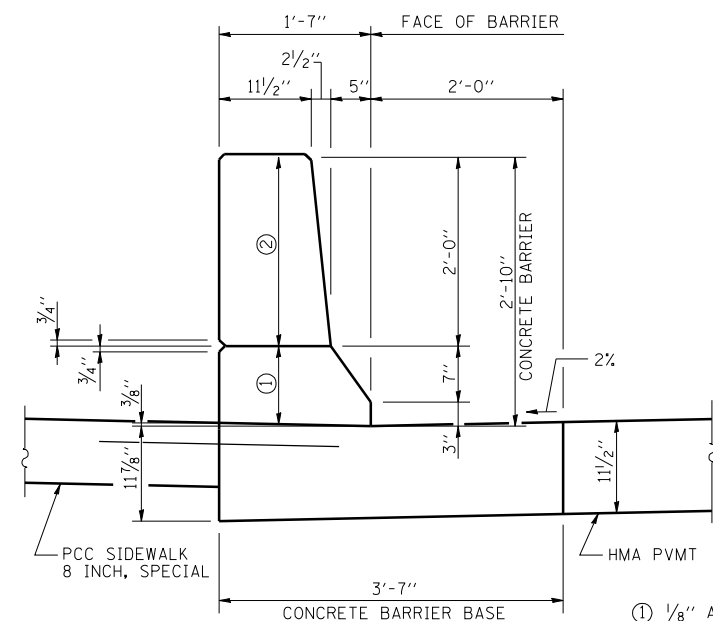
#4 BAR.....2'-0"
 #8 BAR.....5'-2"



INSIDE ELEVATION OF NORTHWEST CONCRETE BARRIER



INSIDE ELEVATION OF NORTHEAST CONCRETE BARRIER

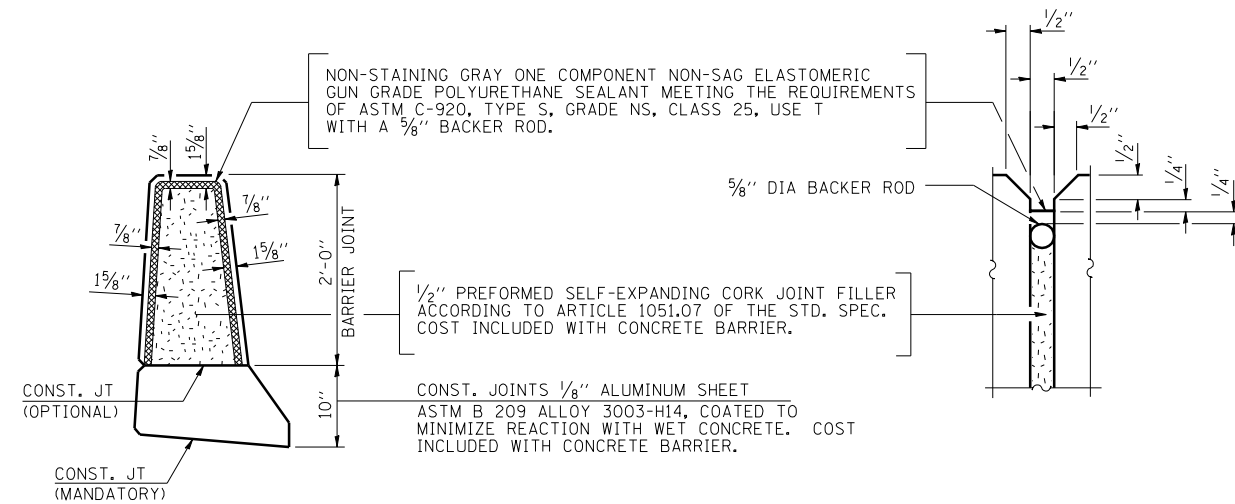


TYPICAL SECTION THRU CONCRETE BARRIER

GENERAL NOTES

SEE SHEET 60 FOR DETAILS AT ENDS OF CONCRETE BARRIER.
 SEE DETAIL 1 ON SHEET 60 FOR REINFORCEMENT DETAILS.
 ALL REINFORCEMENT BARS SHALL BE EPOXY COATED.
 REINFORCEMENT BARS SHALL NOT PASS THROUGH ALUMINUM SHEETS AND CORK JOINT FILLER.
 CUT REINFORCEMENT TO CLEAR DRAINAGE CASTINGS.
 BEND REINFORCEMENT IN THE FIELD TO FIT ENDS OF CONCRETE BARRIER.
 REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF "CONCRETE BARRIER BASE" AND "CONCRETE BARRIER, SINGLE FACE, 34" HEIGHT".
 PROTECTIVE COAT SHALL BE APPLIED TO THE TOP AND VERTICAL SURFACES OF THE BARRIER.

- ① 1/8" ALUMINUM SHEETED CONSTRUCTION JOINT. SEE JOINT DETAIL.
- ② 1/2" PREFORMED SELF-EXPANDING CORK JOINT FILLER IN BARRIER JOINTS. SPACE AT 14'-0" TO 20'-0" CTS. AND AT ALUMINUM SHEETS. SEE JOINT DETAIL.



JOINT DETAIL

PRINT DRIVER = LEO E. BARBIL
 SCALE MAKE = PLOT
 FILE NAME = C:\ESCA\66885\11\CONCRETE\CONCRETE.BAR.DWG



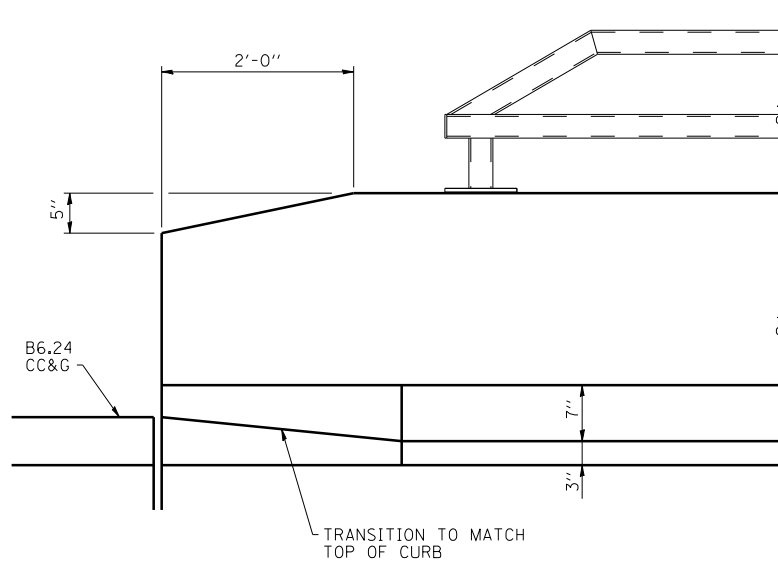
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ESCA PROJECT NO. 840.01	DRAWN - DWH	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012 11:07:22 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

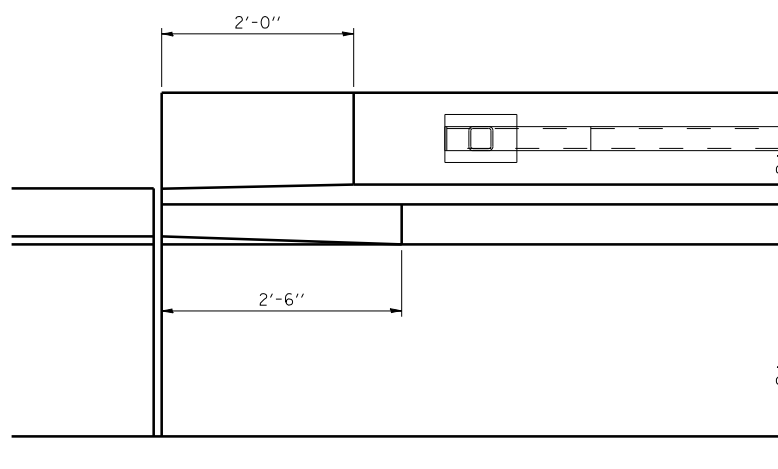
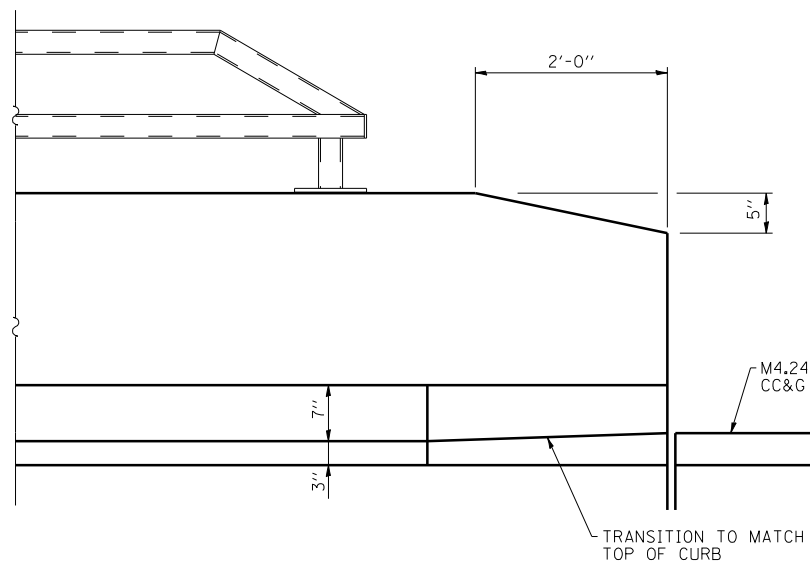
CONCRETE BARRIER DETAILS

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

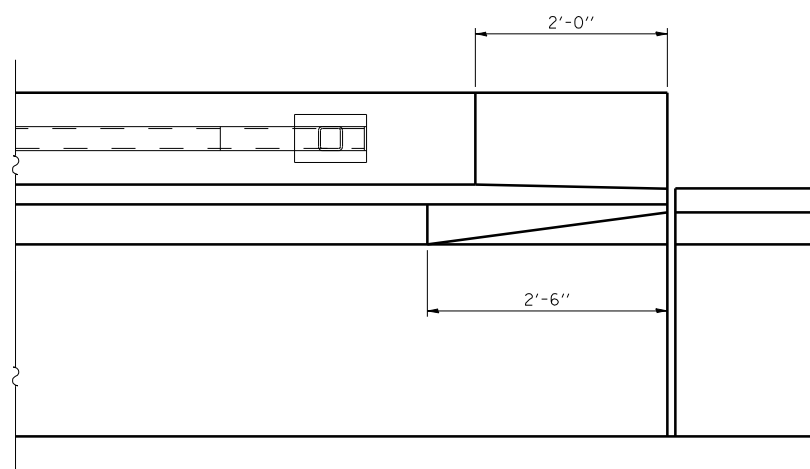
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	59
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



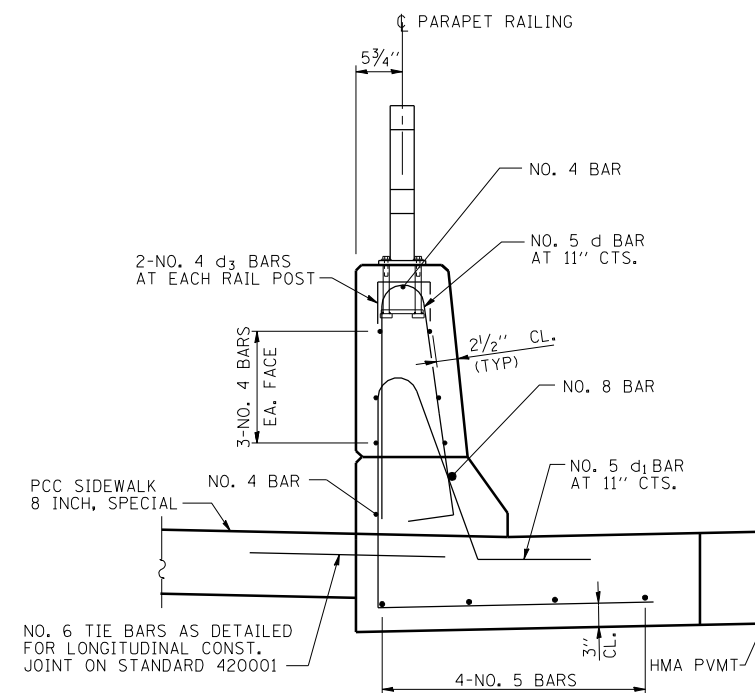
ELEVATION



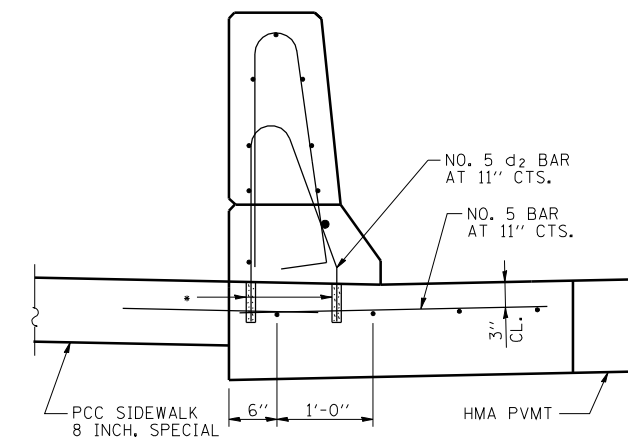
PLAN



DETAILS AT ENDS OF CONCRETE BARRIER



DETAIL 1

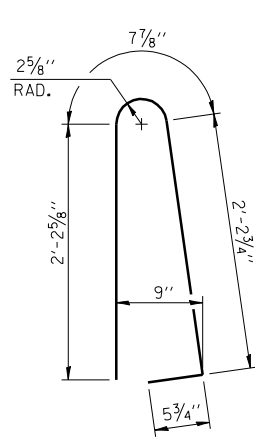


ALTERNATE REINFORCEMENT

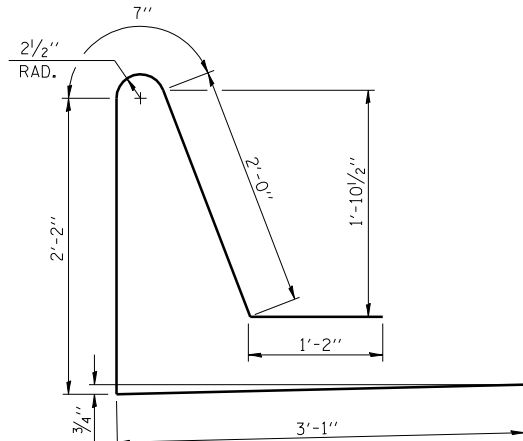
REINFORCEMENT SAME AS DETAIL 1 EXCEPT AS NOTED

* CORE AND SET NO. 5 d₂ BAR ACCORDING TO ARTICLE 509.06 OF THE STANDARD SPECIFICATIONS. CORED HOLES SHALL BE ROUGHENED OR SCORED PER MANUFACTURER'S RECOMMENDATIONS. MAXIMUM DEPTH OF HOLE SHALL NOT EXCEED 6".

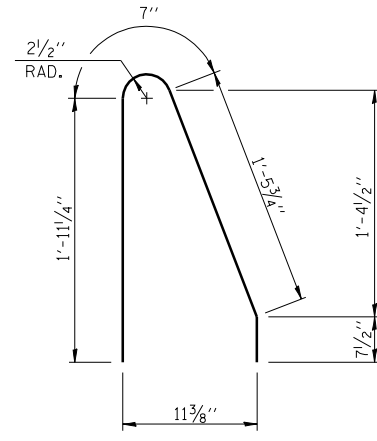
NOTE: ALTERNATE REINFORCEMENT DETAILED ABOVE MAY BE USED AT THE CONTRACTOR'S OPTION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



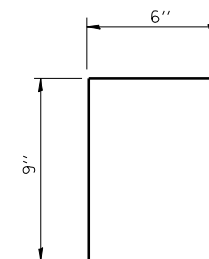
NO. 4 BAR d



NO. 4 BAR d1



NO. 4 BAR d2



NO. 4 BAR d3

PRINT DRIVER = LUD-EBR@illinois.gov
 SCALE NAME = PLOT
 FILE NAME = C:\ESCA\66885\11-07-12\11-07-12.dwg



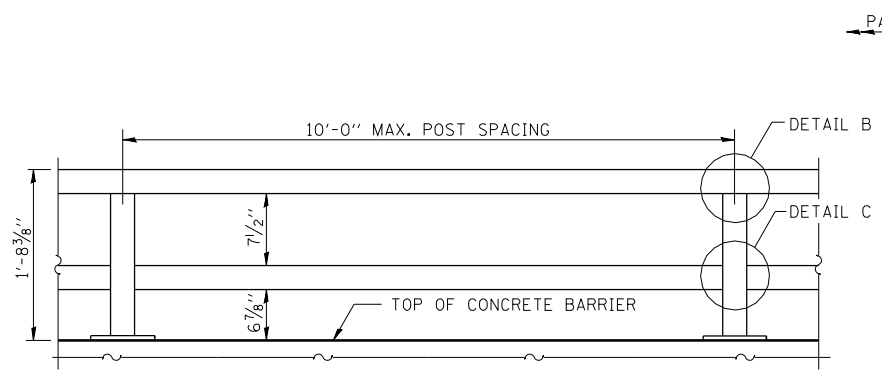
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

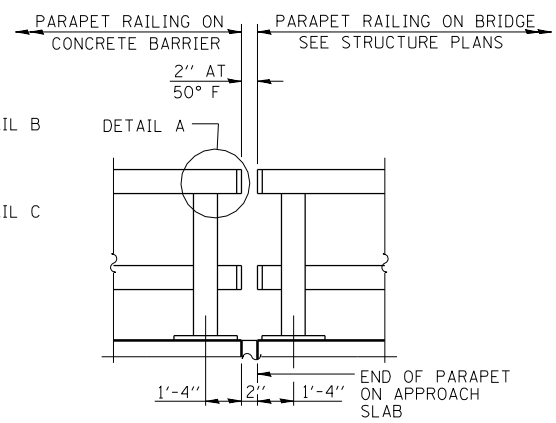
CONCRETE BARRIER DETAILS

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

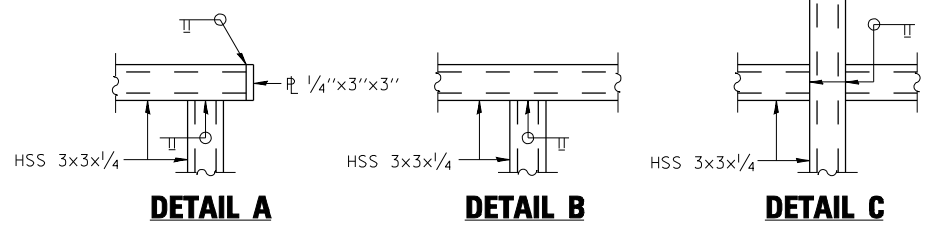
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	60
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



TYPICAL RAILING ELEVATION

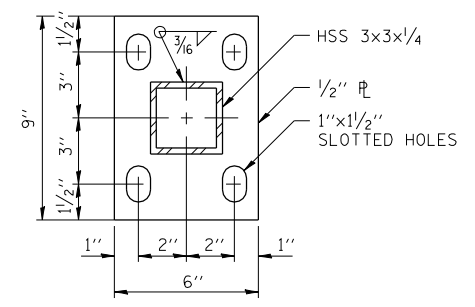


RAILING ELEVATION AT EXPANSION JOINT

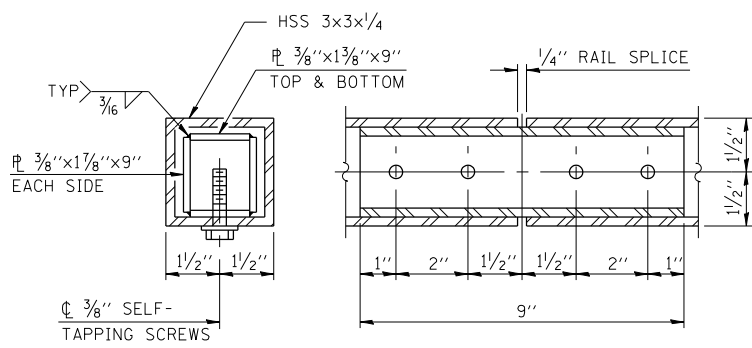


DETAIL A DETAIL B DETAIL C

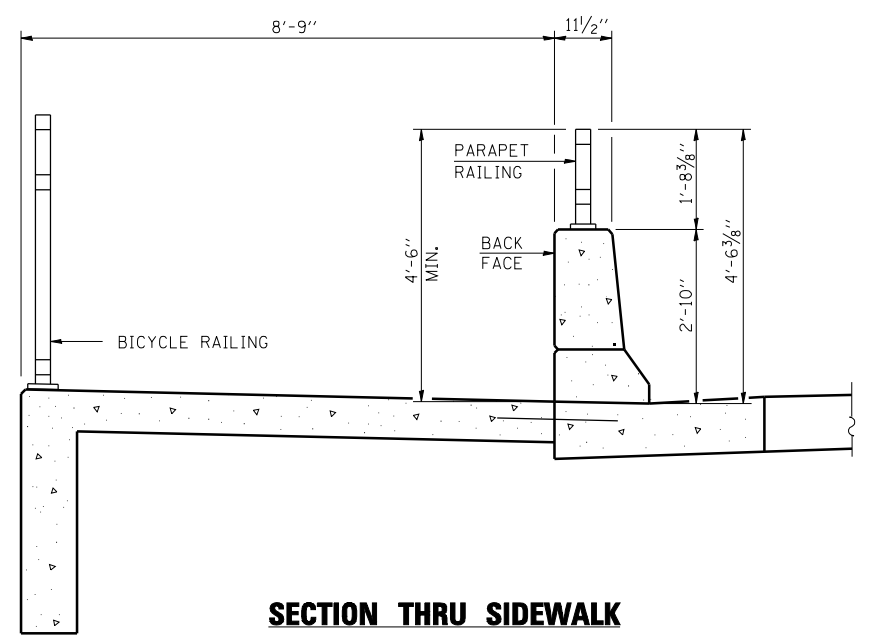
GENERAL NOTES
 PROVIDE ONE 1/8" AND TWO 1/16" STEEL SHIMS FOR 25% OF THE POSTS. SHIMS SHALL BE SIMILAR TO BASE PLATES IN SIZE AND HOLES. COST INCLUDED WITH PARAPET RAILING.
 ALL STEEL RAIL ELEMENTS SHALL BE GALVANIZED ACCORDING TO ARTICLE 509.05 OF THE STANDARD SPECIFICATIONS.



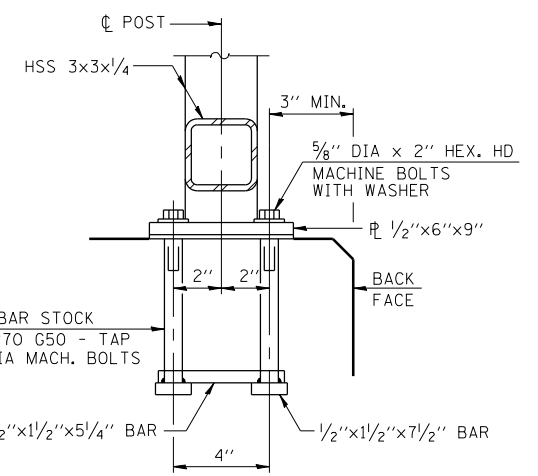
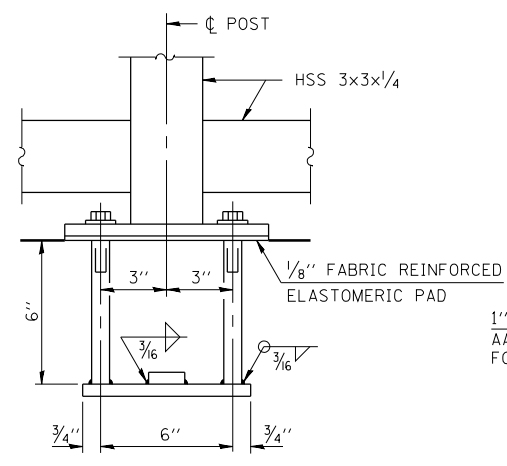
BASE PLATE



RAIL SPLICE

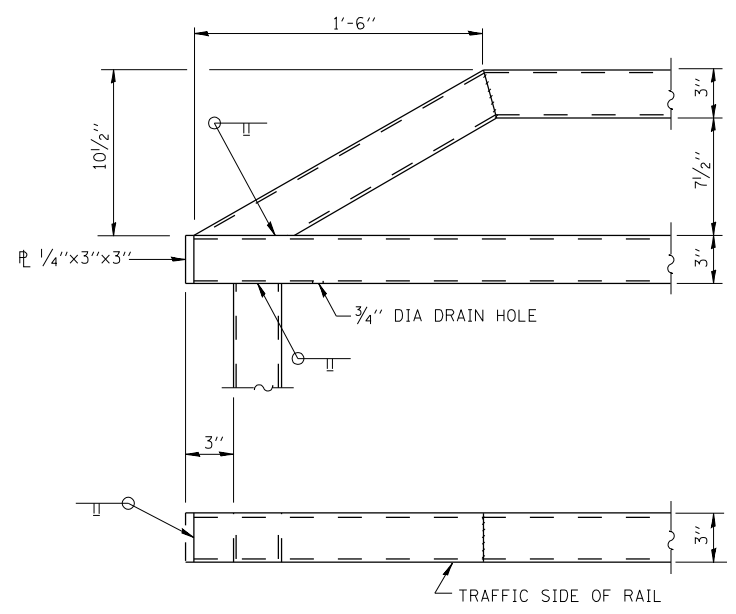


SECTION THRU SIDEWALK



ANCHOR BOLT DETAILS

IN LIEU OF THE CAST-IN-PLACE ANCHOR DEVICE SHOWN, THE CONTRACTOR HAS THE OPTION OF DRILLING AND SETTING 3/8" DIA ANCHOR RODS ACCORDING TO ARTICLE 509.06 OF THE STANDARD SPECIFICATIONS. EMBEDMENT SHALL BE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.



END OF RAIL DETAILS

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 SCALE NAME = PL01
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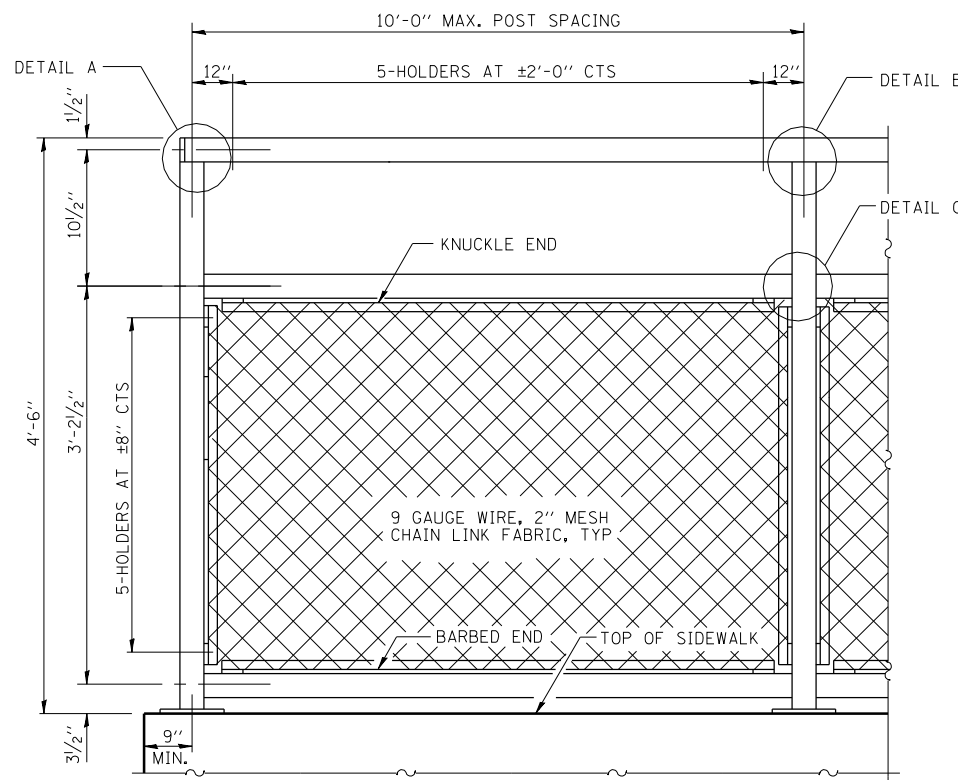
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ESCA PROJECT NO. 840.01	DRAWN - DWH	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012 11:08:24 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

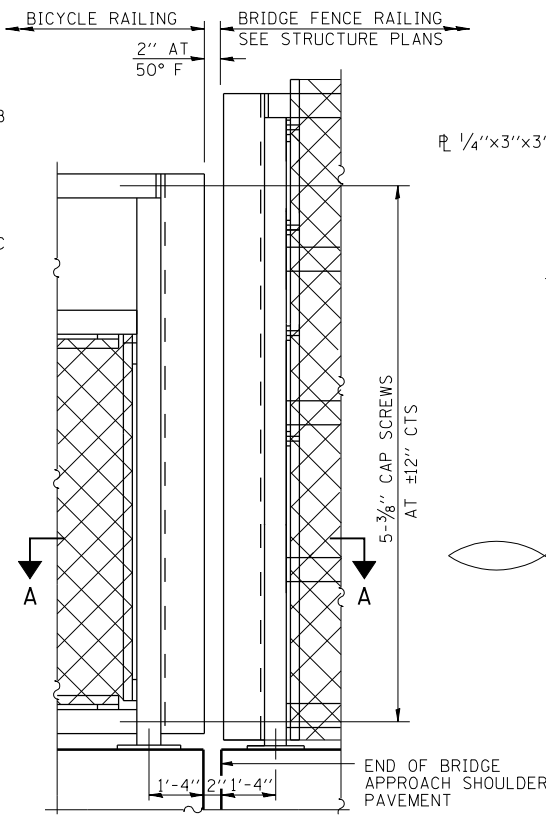
PARAPET RAILING DETAILS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

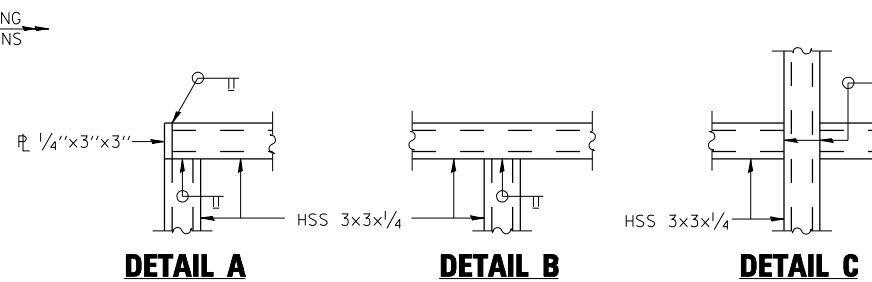
F.A.I. RTE. 57	SECTION (46-3)HBR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 61
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



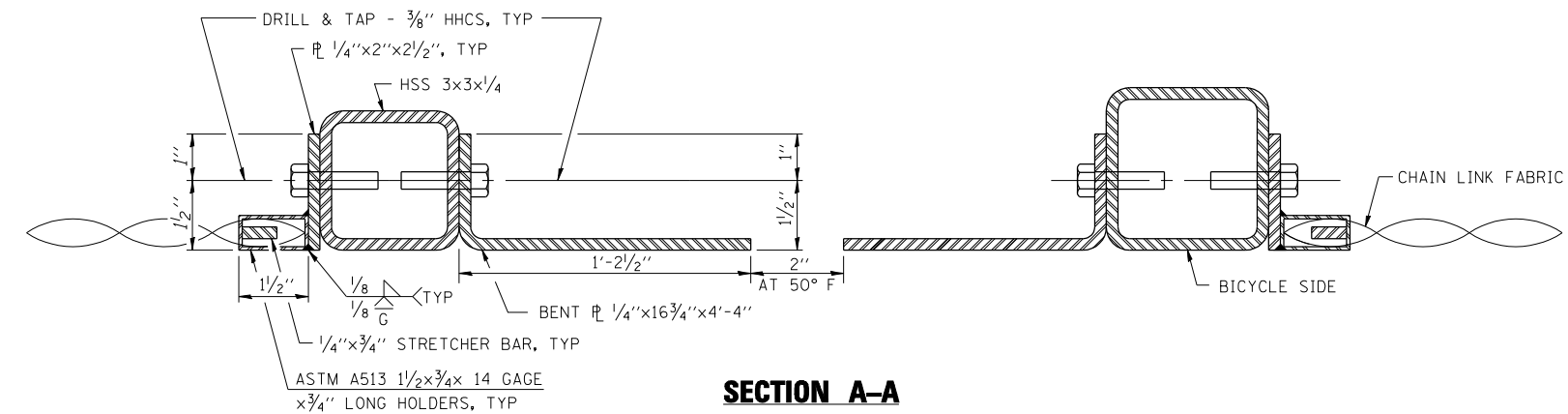
TYPICAL RAILING ELEVATION



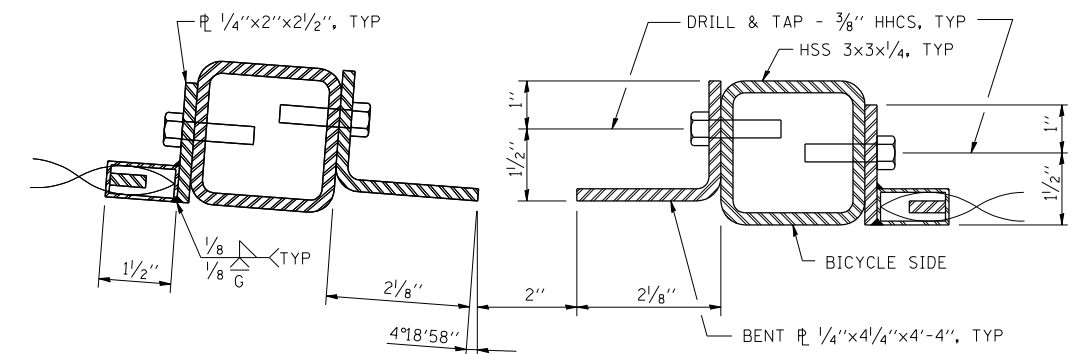
RAILING ELEVATION AT TRANSITION TO BRIDGE FENCE RAILING



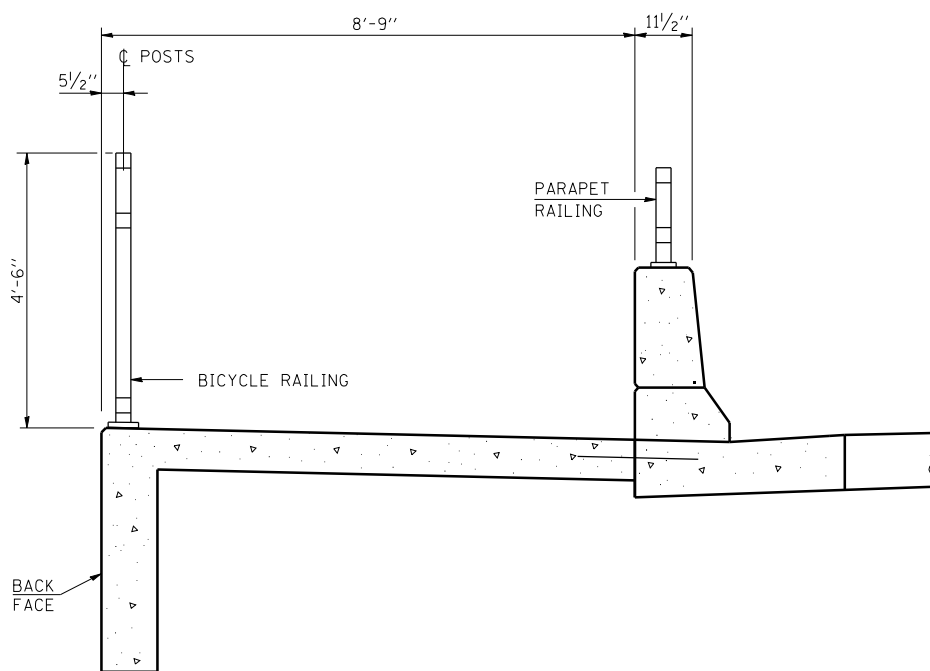
DETAIL A DETAIL B DETAIL C



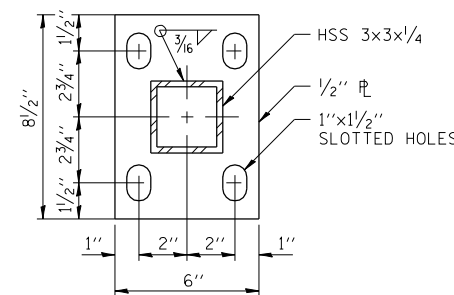
SECTION A-A



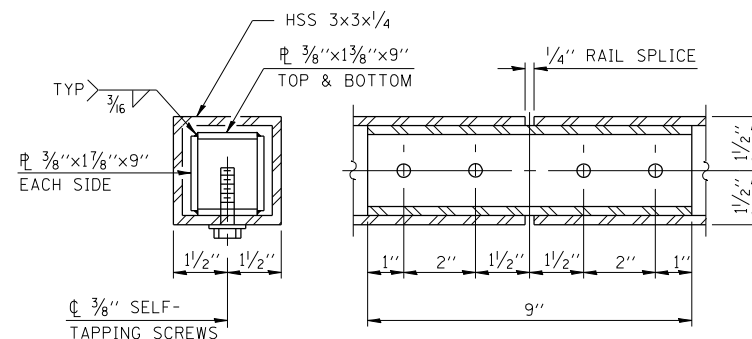
SECTION AT BEND IN RAILING



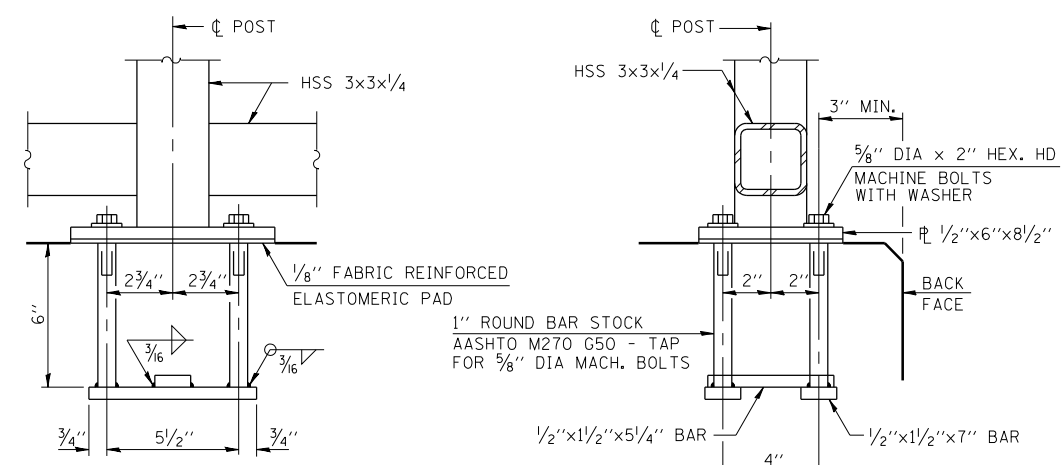
SECTION THRU SIDEWALK



BASE PLATE



RAIL SPLICE



ANCHOR BOLT DETAILS

IN LIEU OF THE CAST-IN-PLACE ANCHOR DEVICE SHOWN, THE CONTRACTOR HAS THE OPTION OF DRILLING AND SETTING 5/8" DIA ANCHOR RODS ACCORDING TO ARTICLE 509.06 OF THE STANDARD SPECIFICATIONS. EMBEDMENT SHALL BE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

GENERAL NOTES

PROVIDE ONE 1/8" AND TWO 1/16" STEEL SHIMS FOR 25% OF THE POSTS. SHIMS SHALL BE SIMILAR TO BASE PLATES IN SIZE AND HOLES. COST INCLUDED WITH BICYCLE RAILING.
ALL STEEL RAIL ELEMENTS SHALL BE GALVANIZED ACCORDING TO ARTICLE 509.05 OF THE STANDARD SPECIFICATIONS.

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SCALE NAME = PLOT...
FILE NAME = C:\ESCA\B...
DATE = 9/12/2012 11:08:59 AM



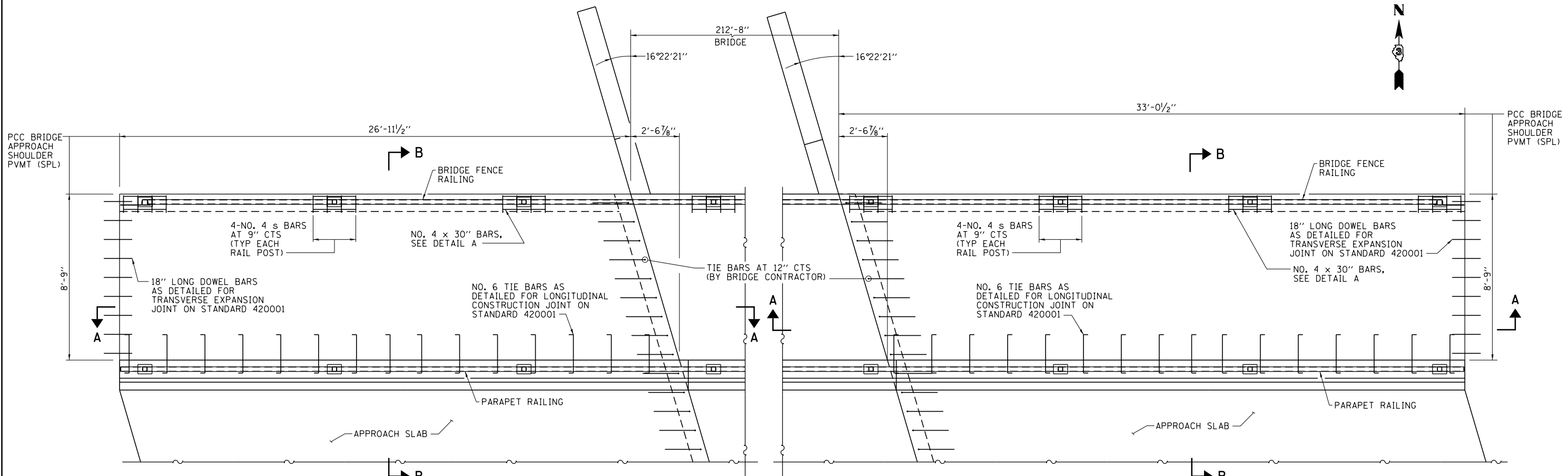
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ESCA PROJECT NO. 040.01	DRAWN - DWH	REVISED -
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PLOT DATE = 9/12/2012 11:08:59 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BICYCLE RAILING DETAILS

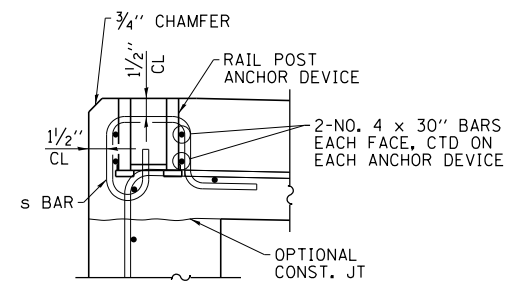
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	62
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

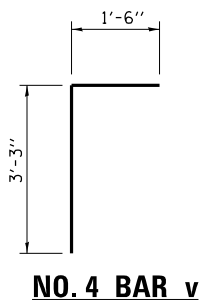


WEST DETAIL PLAN

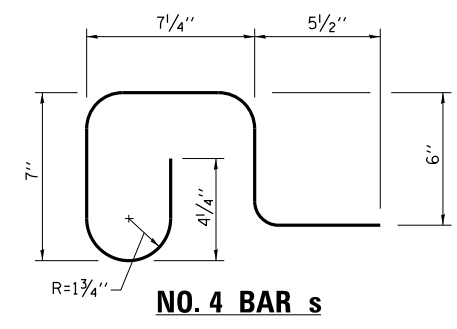
EAST DETAIL PLAN



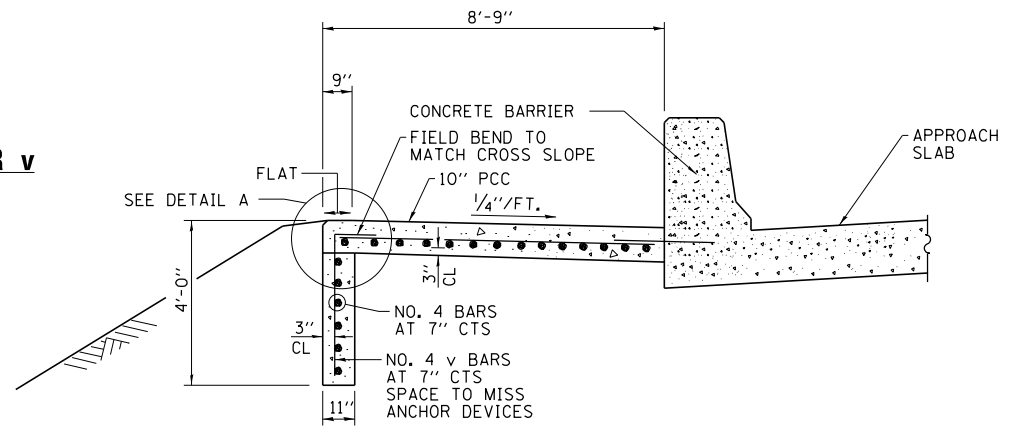
DETAIL A



NO. 4 BAR v

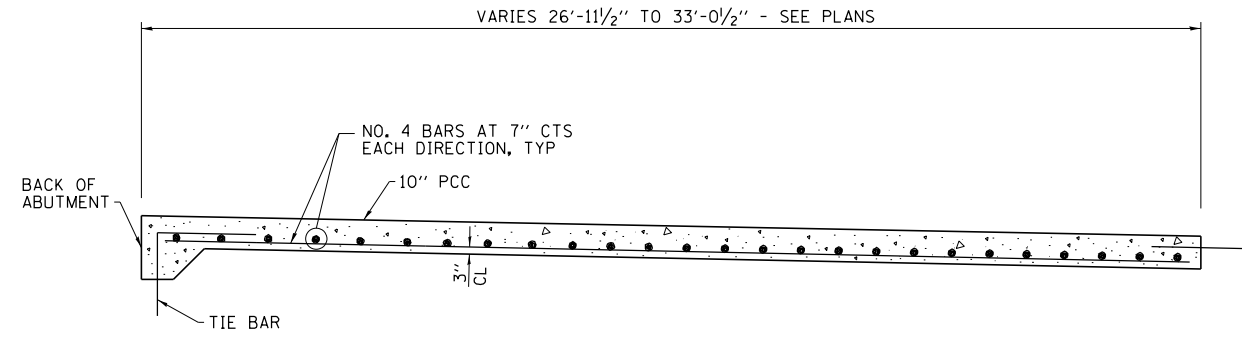


NO. 4 BAR s



SECTION B-B

BRIDGE FENCE AND PARAPET RAILING NOT SHOWN.



SECTION A-A

GENERAL NOTES

ALL REINFORCEMENT BARS SHALL BE EPOXY COATED.
SEE STANDARD 420001 FOR DETAILS OF JOINTS.

PRINT DRIVER = BELLEVILLE
 PLOT NAME = PLOT1
 PLOT DATE = 7/31/2017 1:11:49 PM



USER NAME = corcoranim
 ESCA PROJECT NO. 040.01
 PLOT SCALE = 0.1667' / 1"

DESIGNED - MTD
 DRAWN - DWH
 CHECKED - RDP
 DATE - 06/12

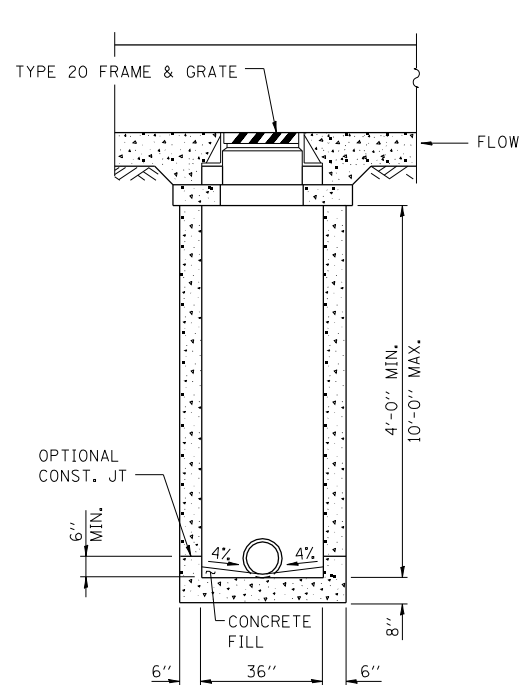
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

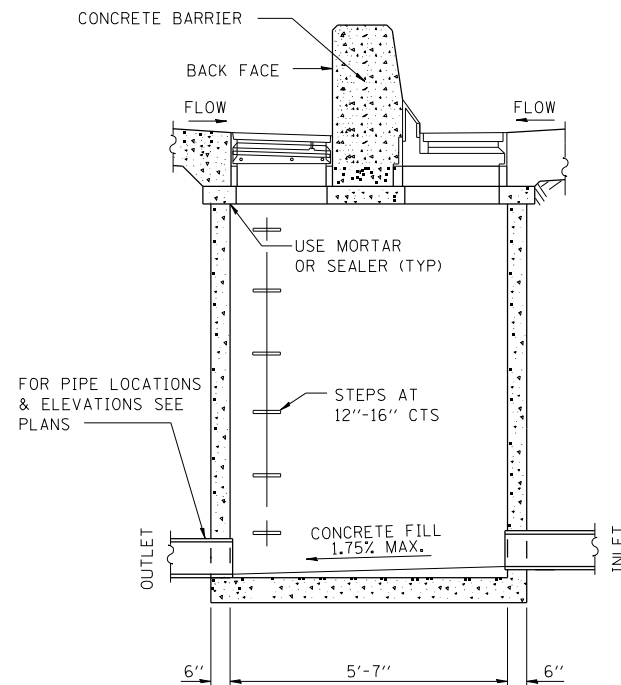
PCC BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

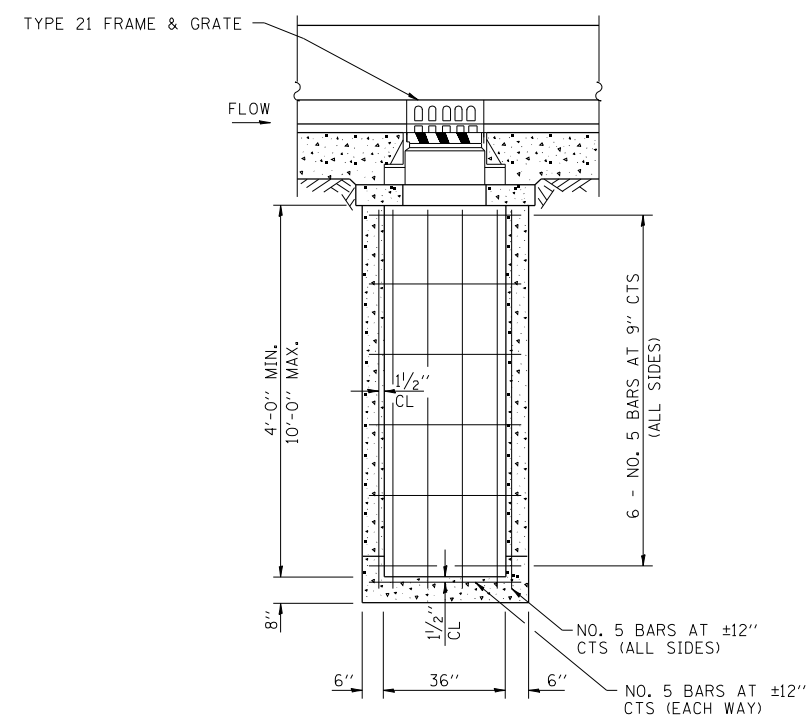
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	63
CONTRACT NO. 66885				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



BACK ELEVATION



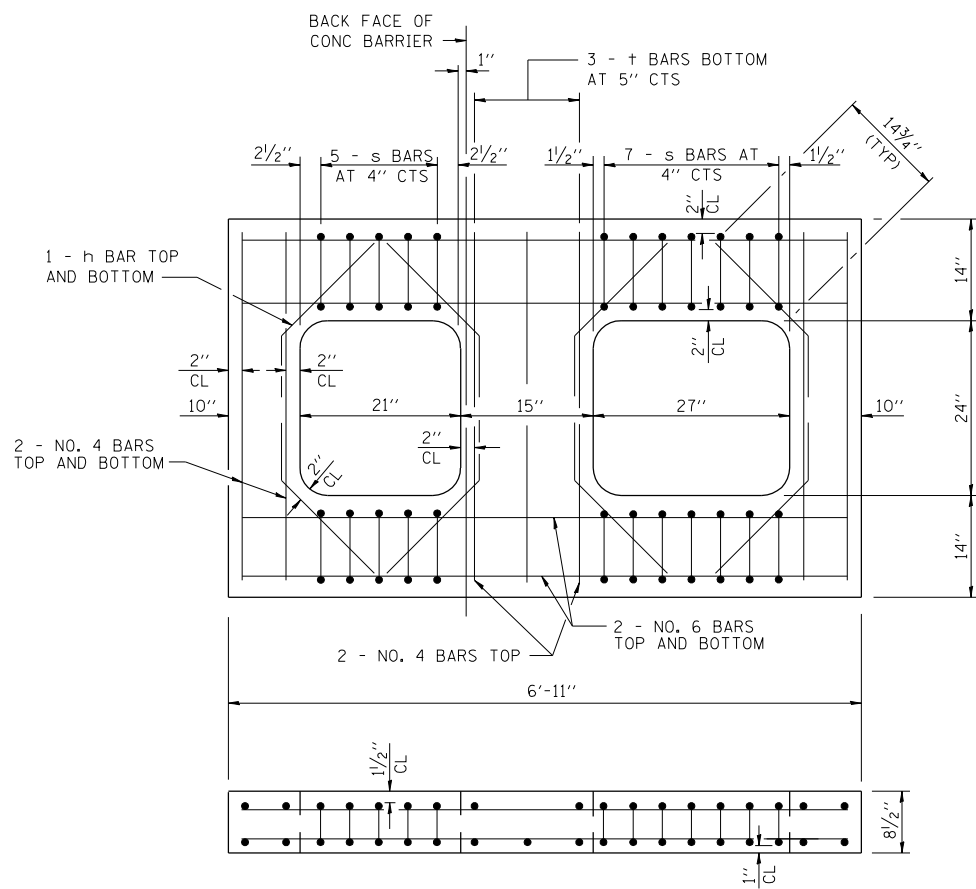
SIDE ELEVATION



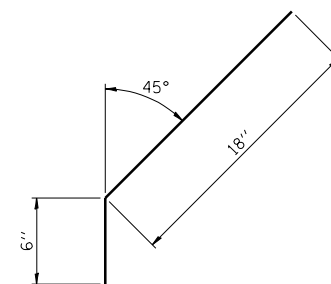
FRONT ELEVATION

GENERAL NOTES

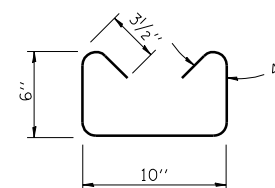
THESE STRUCTURES ARE FOR USE WITH CONCRETE BARRIER, SINGLE FACE, 34" HEIGHT.
 THE REINFORCEMENT SHOWN IN THE FRONT ELEVATION IS TYPICAL FOR ALL ELEVATIONS.
 SEE STANDARD 602701 FOR DETAILS OF STEPS.
 EXPOSED EDGES SHALL BE BEVELED 3/4".
 ALL REINFORCEMENT BARS SHALL BE EPOXY COATED.
 ADJUST FRAMES ACCORDING TO APPLICABLE PORTIONS OF SECTION 602 OF THE STANDARD SPECIFICATIONS.



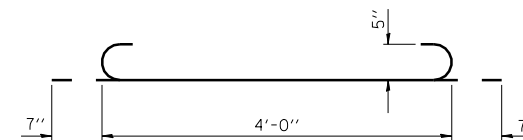
REINFORCED LID



NO. 4 BAR h



NO. 3 BAR s



NO. 5 BAR t

PRINT DRIVER = L:\D-ESCA\PLT
 SCALE NAME = ESCA\ESCA\CONSTR\DRG
 FILE NAME = 030805-01-CONSTR\DRG



USER NAME = rjt	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 040.01	DRAWN - DWH	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012 11:09:43 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE STRUCTURES, TYPE 3 SPECIAL

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

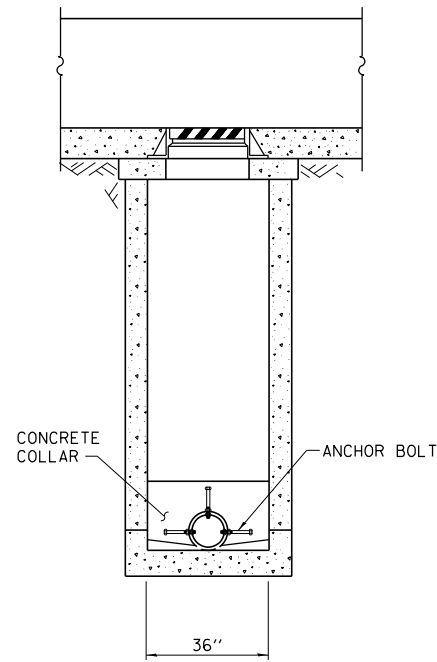
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	64
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

GENERAL NOTES

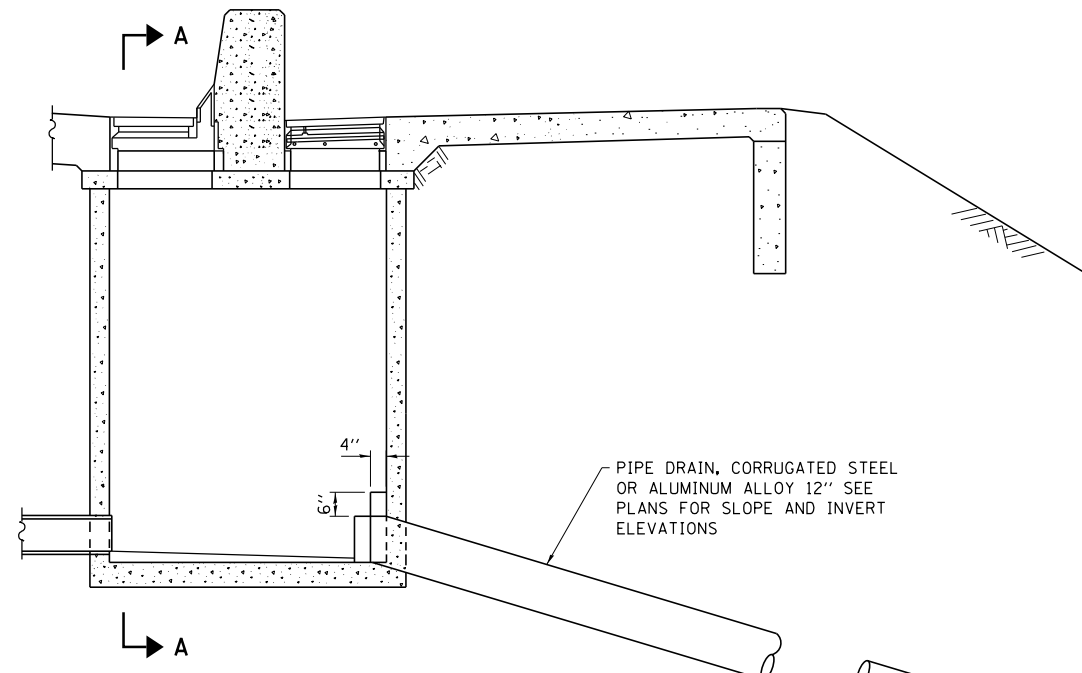
PIPE DRAINS SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 610.05 AND WILL BE MEASURED AND PAID FOR ACCORDING TO SECTION 601.

THRUST BLOCKS SHALL BE CAST-IN-PLACE OF CLASS SI CONCRETE AND WILL BE PAID FOR ACCORDING TO ARTICLE 610.06.

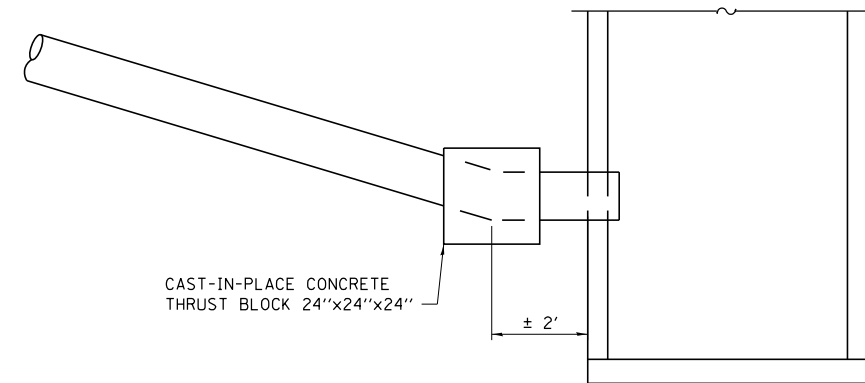
ANCHOR BOLTS AND CONCRETE COLLARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF PIPE DRAINS.



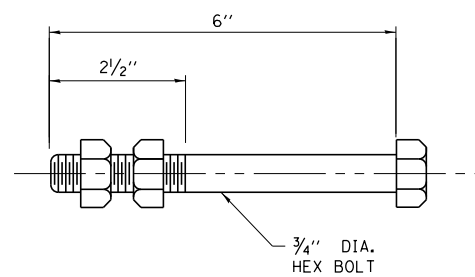
SECTION A-A



TYPICAL PIPE DRAIN DETAIL



OUTLET INTO MANHOLE



ANCHOR BOLT
(USED TO TIE PIPE TO CONCRETE COLLAR)

PRINT DRIVER = P:\LITINGS
 USER NAME = PLOT
 FILE NAME = 030605.dwg



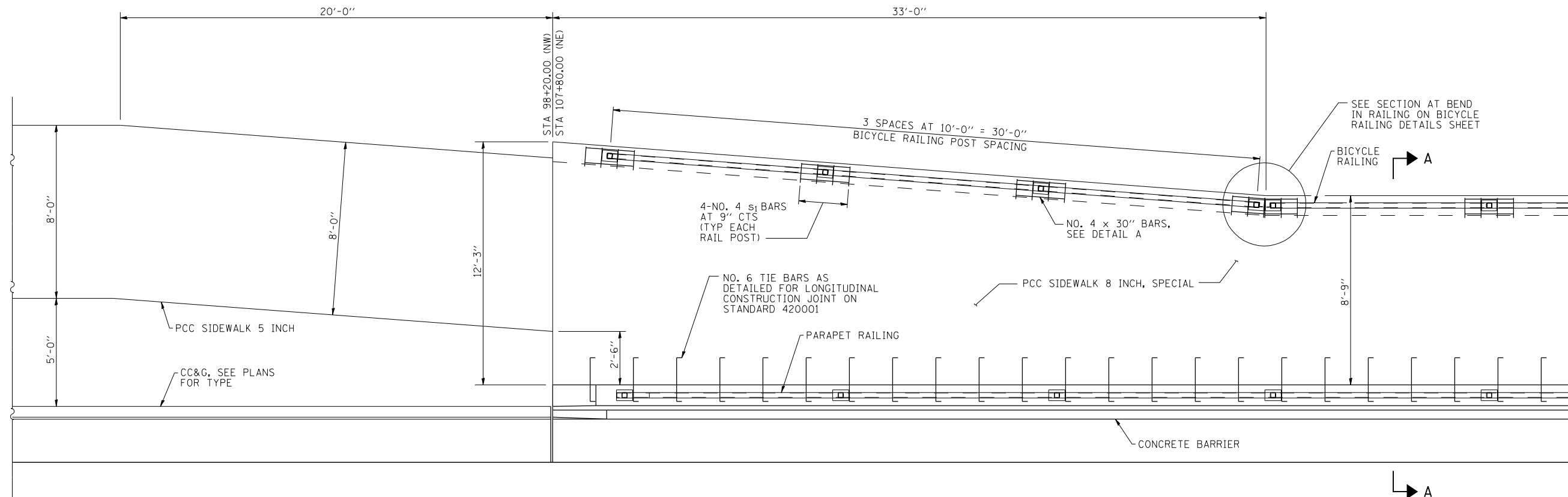
USER NAME = corcoranim	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 040.01	DRAWN - HAS	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 7/31/2017 1:12:53 PM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

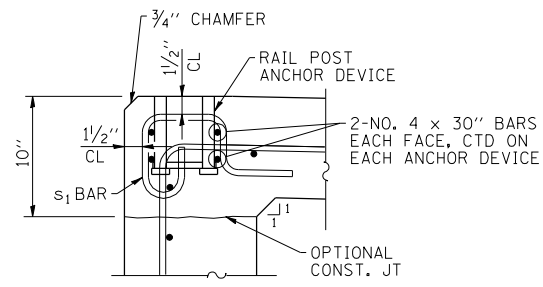
PIPE DRAIN DETAILS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

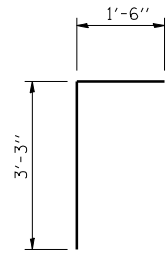
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	65
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



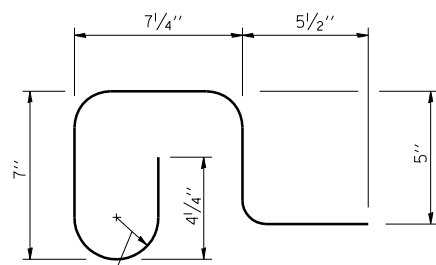
**ENLARGED PLAN AT STA 98+20
(PLAN AT STA 107+80 OPPOSITE HAND)**



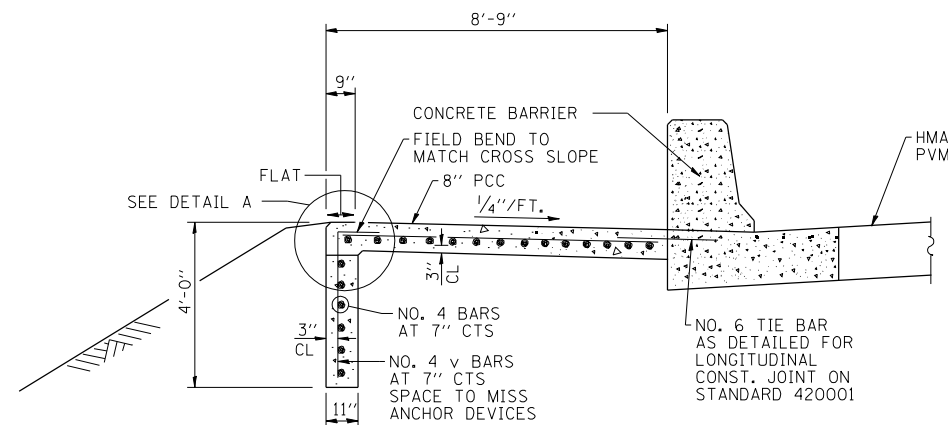
DETAIL A



NO. 4 BAR v



NO. 4 BAR s1



SECTION A-A
BRIDGE FENCE AND PARAPET
RAILING NOT SHOWN.

GENERAL NOTES

ALL REINFORCEMENT BARS SHALL BE EPOXY COATED.
SEE STANDARD 420001 FOR DETAILS OF JOINTS.

PRINT DRIVER = LUD-ER-BARIJL
SCALE: AS SHOWN
DATE: 09/12/2012



USER NAME = rjt	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 840.01	DRAWN - DWH	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012 11:10:25 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

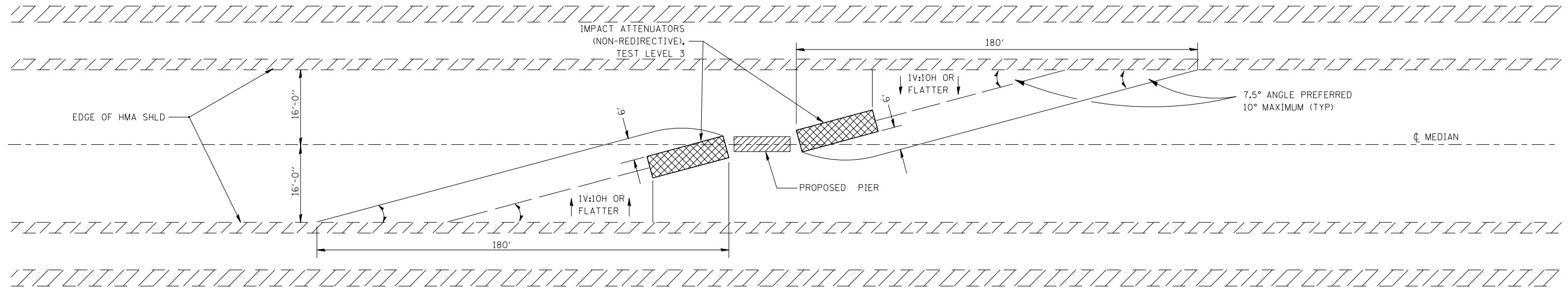
PCC SIDEWALK 8 INCH, SPECIAL

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

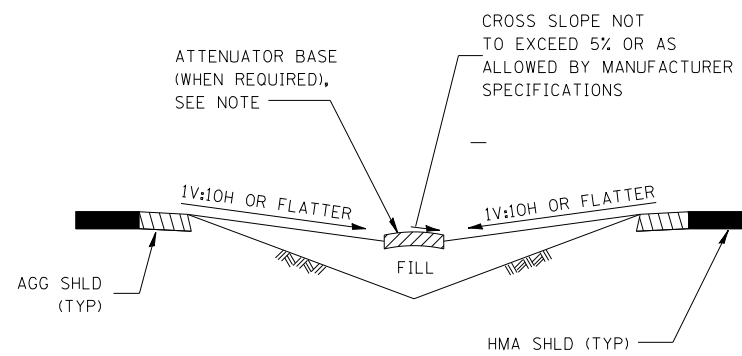
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	66
				CONTRACT NO. 66885
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. THE 10:1 SLOPE CONTROLS NOSE OF ATTENUATOR BASE ELEVATION.
2. ATTENUATOR BASE GRADE PARALLELS EDGE OF PAVEMENT GRADE.
3. SLOPE ADJACENT TO ATTENUATOR BASE SHALL BE 10:1 OR FLATTER.



IMPACT ATTENUATOR LAYOUT AND GRADING PLAN

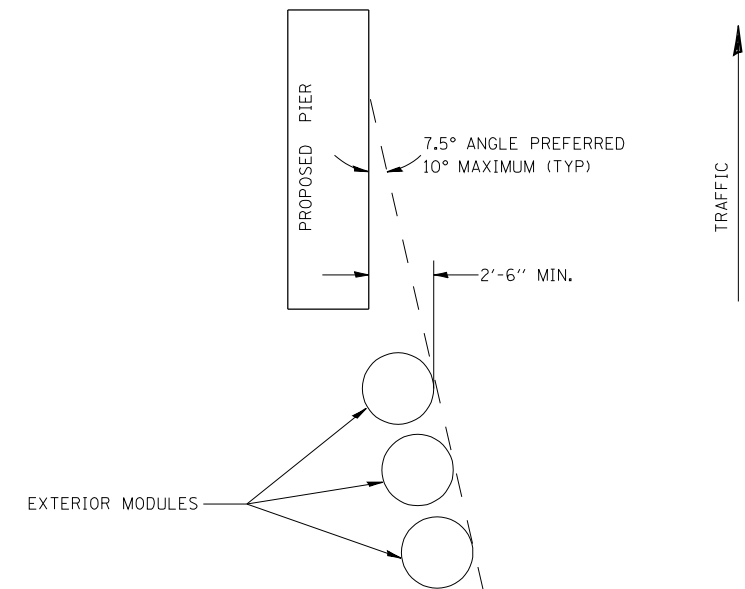


SECTION A - A

NOTE:

ATTENUATOR BASE SHALL BE PER MANUFACTURER SPECIFICATIONS EXCEPT SAND MODULE SYSTEMS SHALL HAVE THE FOLLOWING ADDITIONAL REQUIREMENTS:

1. ATTENUATOR BASE SHALL PROVIDE A 1' BUFFER ALONG THE SIDES AND FRONT OF THE ARRAY.
2. SAND MODULE SYSTEMS SHALL BE PLACED ON A HMA OR CONCRETE BASE.



TYPICAL EXTERIOR MODULE LAYOUT

PRINT DRIVER = L:\05-EB\0411
 SCALE NAME = PLOT
 FILE NAME = 0308085-011-01.dwg



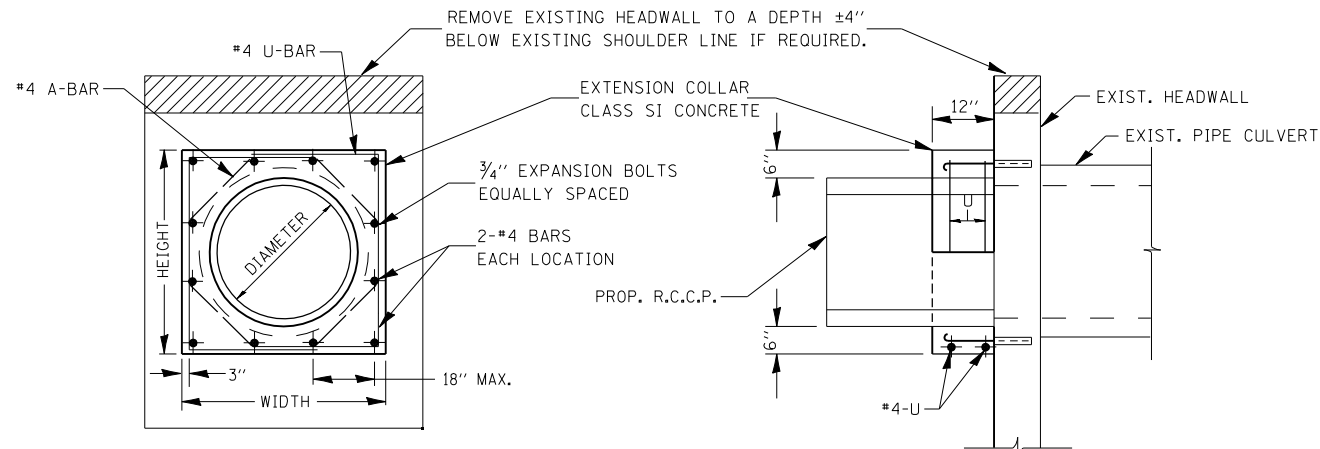
USER NAME = rjt	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 040.01	DRAWN - DWH	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012 11:10:44 AM	DATE - 06/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

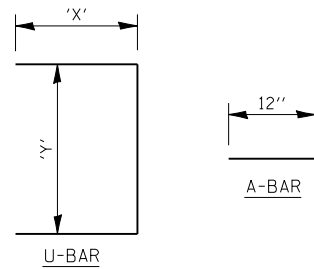
IMPACT ATTENUATOR INSTALLATION DETAILS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

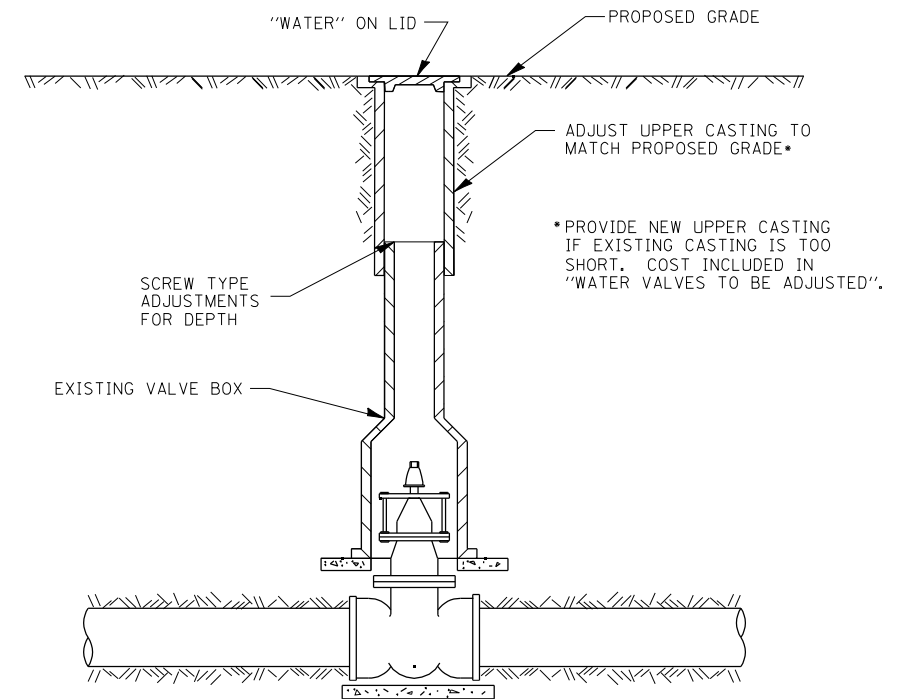
F.A.I. RTE. 57	SECTION (46-3)HBR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 67
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



EXPANSION BOLTS SHALL CONSIST OF SELF DRILLING EXPANSION SHIELDS AND 3/4" DIA. HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE.
 MINIMUM CERTIFIED PROOF LOAD = 4,080 LBS

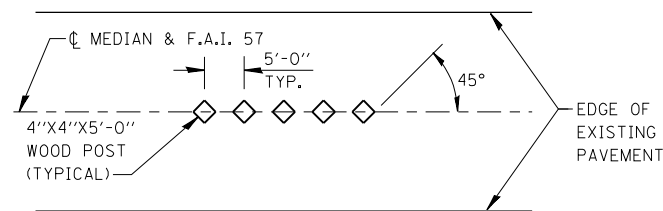


LOCATION	EXISTING CULVERT SIZE	PIPE DIMENSION	PIPE AREA	EXTENSION COLLAR		A-BAR			U-BAR			CLASS SI CONC. COLLAR	REINFORCEMENT BARS	3/4" DIA. EXPANSION BOLTS
				WIDTH	HEIGHT	12	'X'	'Y'	CU. YD.	POUND	EACH			
				IN.	IN.	IN.	IN.	IN.						
106+39.50, 33' LT	24	24	3.14	42	42	12	24	36	0.3	24	8			

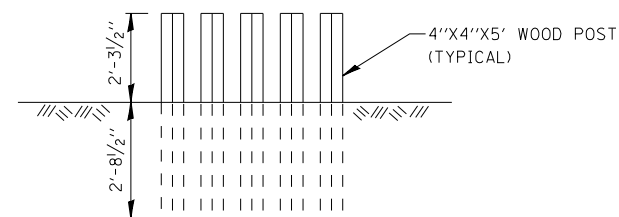


TYPICAL VALVE BOX ADJUSTMENT

COLLAR DETAIL (R.C.C.P. EXTENSION OF PIPE CULVERT)



PLAN



ELEVATION

GUARD POST DETAIL

PRINT DRIVER = LUD-EBR@illinois.gov
 ESCA PROJECT NO. 840.01
 PLOT SCALE = 0.1667' / IN.
 PLOT DATE = 9/12/2012 11:11:10 AM



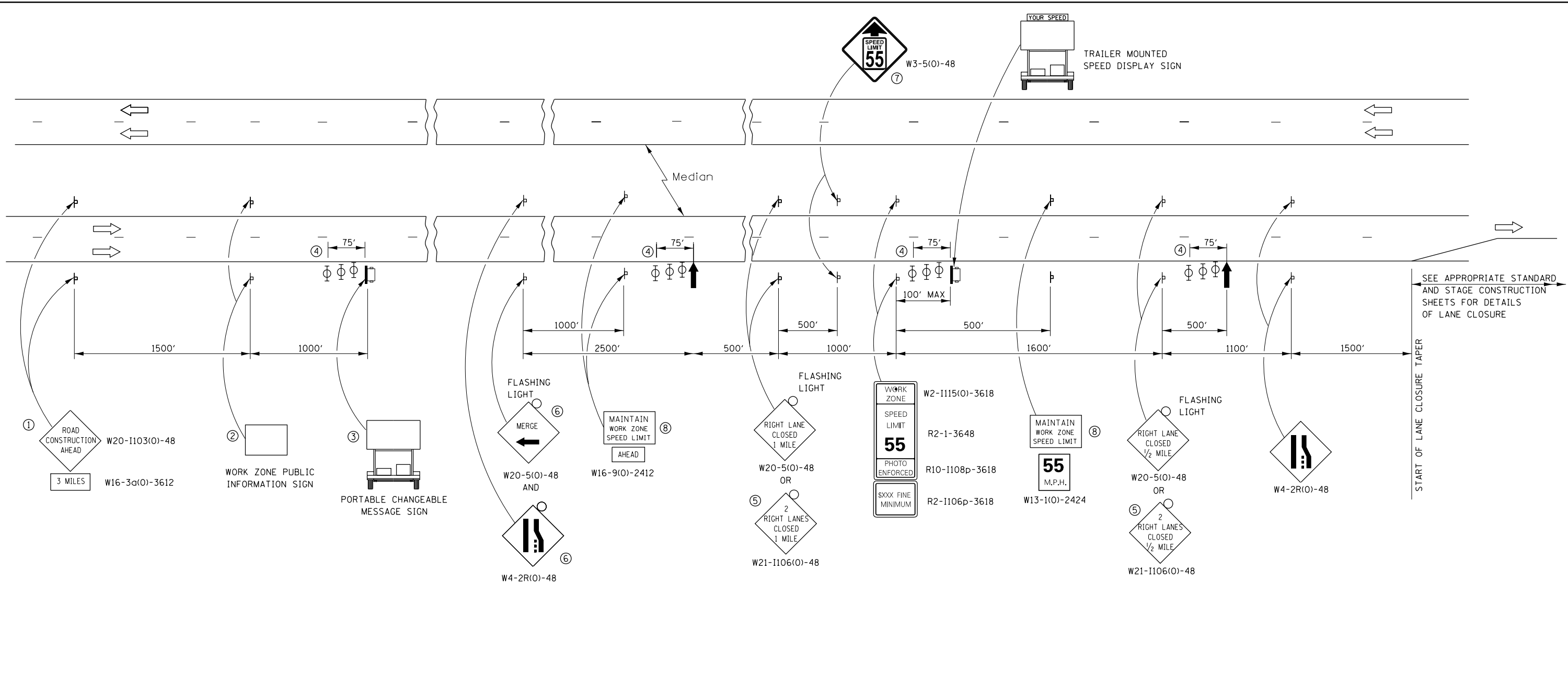
USER NAME = rjt	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 840.01	DRAWN - DWH	REVISED -
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PLOT DATE = 9/12/2012 11:11:10 AM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.
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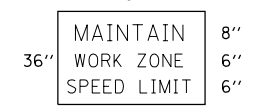
DETAILS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	68
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 66885	



- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ TO BE PLACED IN THE MEDIAN WHEN FEASIBLE. THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:
"RIGHT LANE CLOSED" / " x MILES AHEAD"
"LEFT LANE CLOSED" / " x MILES AHEAD"
"ALL LANES OPEN"
- ④ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' CENTERS.
- ⑤ THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.
- ⑥ WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.
- ⑦ THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.

⑧ 48"x36" FLUORESCENT ORANGE SIGN WITH BLACK LETTERS.
48"



- ↑ ARROW BOARD
- ☐ PORTABLE CHANGEABLE MESSAGE SIGN
- ⊥ SIGN
- ⊕ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

GENERAL NOTE:

THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

THE FIRST TWO SIGNS AND THE MESSAGE BOARD ARE STATIONARY. THE OTHER SIGNS AND ARROWBOARDS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

SEE SPECIAL PROVISIONS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

PRINT DRIVER = BELLEVILLE
 SCALE NAME = PLOT
 FILE NAME = 03080501.dwg



USER NAME = corcoranm	DESIGNED - MTD	REVISED - LMC 6-12-17
ESCA PROJECT NO. 040.01	DRAWN - DWH	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 7/31/2017 1:14:04 PM	DATE - 06/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STANDARD 701400 (SPECIAL)

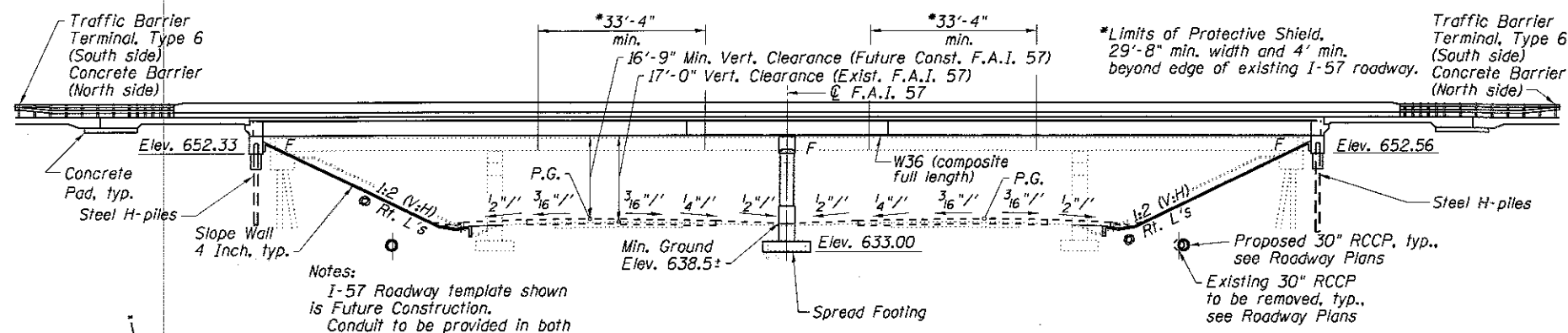
SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	69
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 66885	

BENCHMARK: Railroad Spike in north face of power pole, Sta. 110+56.84, 38.12' Lt. Elev. 635.60 (NAVD 88)

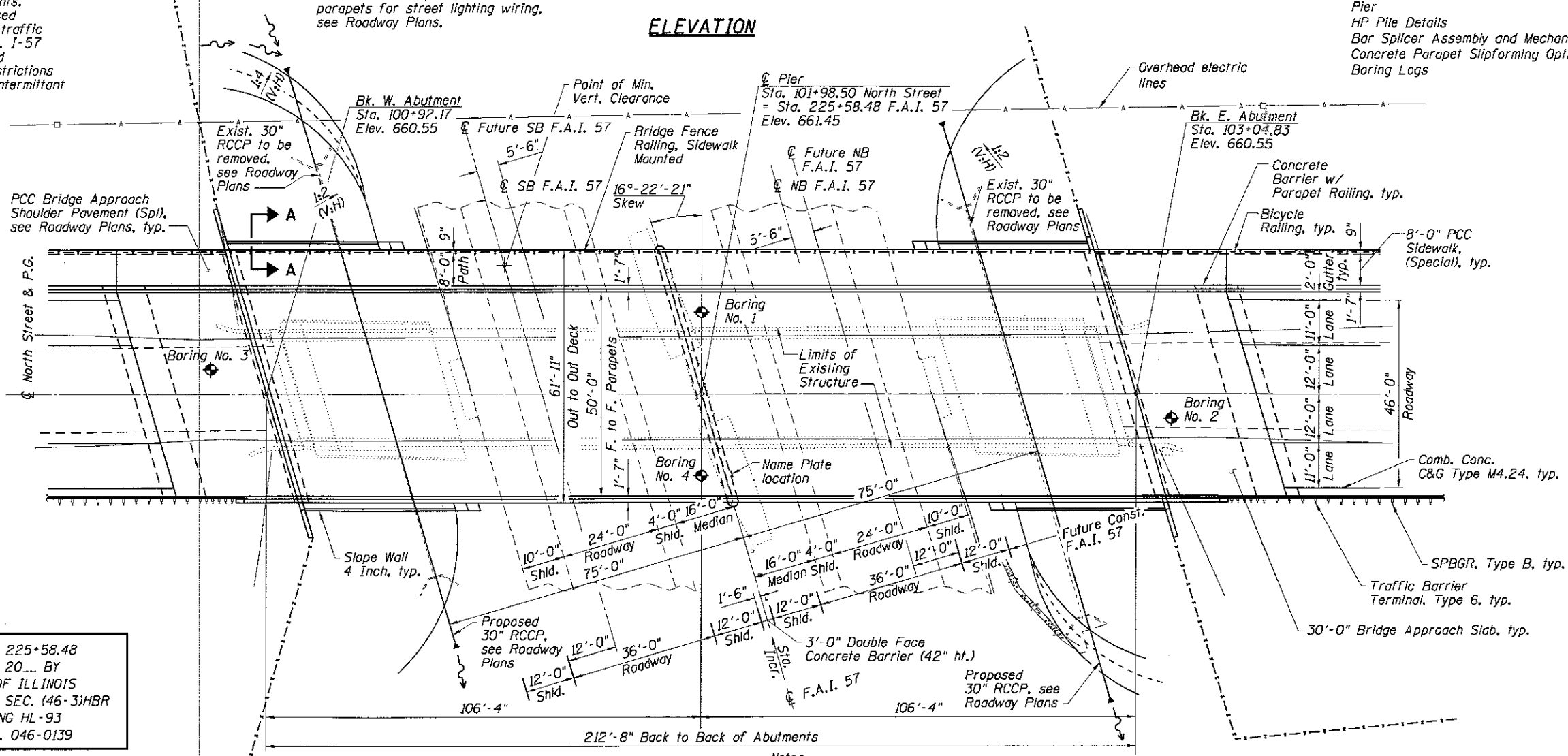
EXISTING STRUCTURE: SN 046-0088 was originally built in 1960 as F.A.I. 57, Section 46-2(I)HB. It is a four span structure consisting of a 6" concrete deck on 30" deep continuous wide flange steel beams supported by Hammerhead piers on footings and Slab abutments on piles. The clear width is 24'-0" between curbs and the out-to-out deck width is 29'-8". The length is 204'-3 1/2" back-to-back of abutments. North Street will be closed during construction and traffic detoured on local routes. I-57 traffic will be maintained utilizing lane shifts/constrictions along with short-term, intermittent total closures.

No salvage.



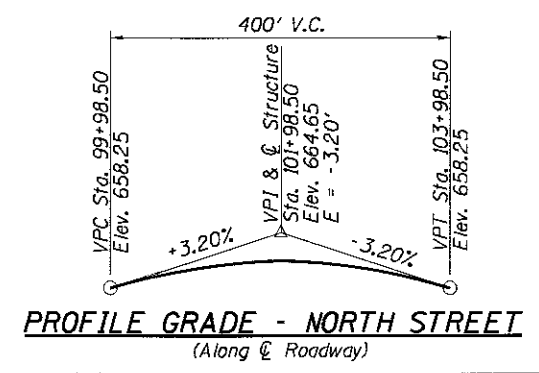
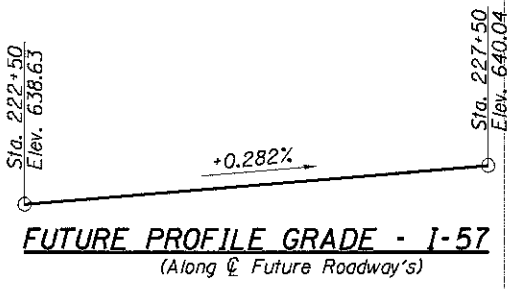
STRUCTURE INDEX OF SHEETS

General Plan	Sheet No. 1 of 26
General Data	Sheet No. 2 of 26
Top of Slab Elevations	Sheet No. 3-5 of 26
Top of West Approach Slab Elevations	Sheet No. 6 of 26
Top of East Approach Slab Elevations	Sheet No. 7 of 26
Superstructure	Sheet No. 8 of 26
Superstructure Details	Sheet No. 9 & 10 of 26
Integral Abutment Diaphragm Details	Sheet No. 11 of 26
Bridge Approach Slab Details	Sheet No. 12 & 13 of 26
Bridge Fence Railing, Sidewalk Mounted	Sheet No. 14 of 26
Steel Framing Plan	Sheet No. 15 of 26
Structural Steel Details	Sheet No. 16 of 26
Bearing Details	Sheet No. 17 of 26
West Abutment	Sheet No. 18 of 26
East Abutment	Sheet No. 19 of 26
Pier	Sheet No. 20 of 26
HP Pile Details	Sheet No. 21 of 26
Bar Splicer Assembly and Mechanical Splicer Details	Sheet No. 22 of 26
Concrete Parapet Sillforming Option	Sheet No. 23 of 26
Boring Logs	Sheet No. 24-26 of 26



STATION 225+58.48
BUILT 20... BY
STATE OF ILLINOIS
F.A.I. RT. 57 SEC. (46-3)HBR
LOADING HL-93
STR. NO. 046-0139

NAME PLATE
(See Hwy. Std. 515001)

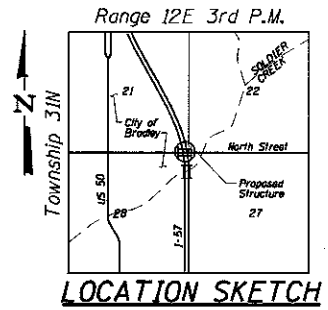


DESIGN SPECIFICATIONS

2010 AASHTO LRFD
Bridge Design Specifications
LOADING HL-93
Allow 50 psf for future wearing surface.
SEISMIC DATA
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.042g
Design Spectral Acceleration at 0.2 sec. (SD2) = 0.104g
Soil Site Class = B

DESIGN STRESSES

FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 36,000 psi (M270 Grade 36)
fy = 50,000 psi (M270 Grade 50)



APPROVED
For Structural Adequacy Only
Michael J. Doady
Engineer of Bridges & Structures



EXPIRES 11-30-2012
Michael J. Doady
SIGNATURE
05-05-2012
DATE

GENERAL PLAN AND ELEVATION
FAU 6177 (NORTH STREET)
OVER F.A.I. ROUTE 57
F.A.I. 57 - SECTION (46-3)HBR
KANKAKEE COUNTY
STATION 225+58.48
STRUCTURE NO. 046-0139

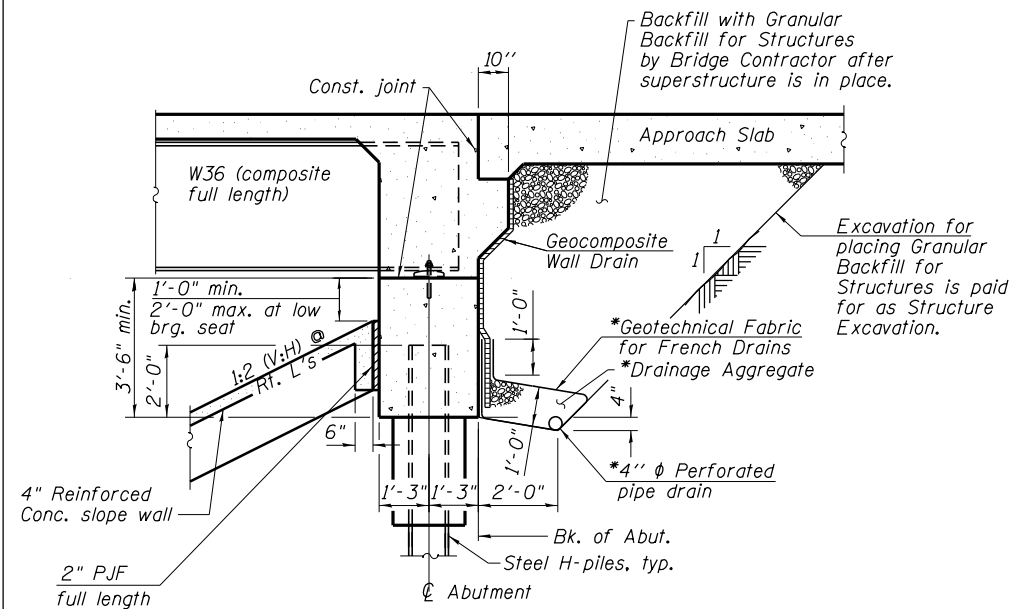


USER NAME = ccorcoran	DESIGNED - MTD 10/11	REVISED -
ESCA PROJECT NO. 848.01	CHECKED - SHL 10/11	REVISED -
PLOT SCALE = 8:2 1/2" = 1"	DRAWN - DWH 10/11	REVISED -
PLOT DATE = 7/31/2017 11:51:13 PM	CHECKED - RDP 05/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 1 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	70
CONTRACT NO. 66885				
ILLINOIS FED. AID PROJECT				



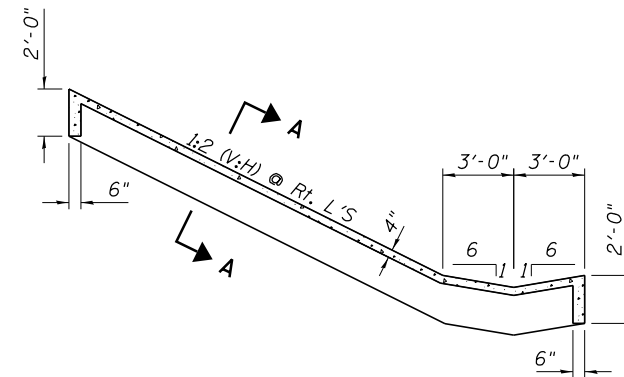
SECTION THRU INTEGRAL ABUTMENT

(Horiz. dim. @ Rt. L's)

*Included in the cost of Pipe Underdrains for Structures.

Note:

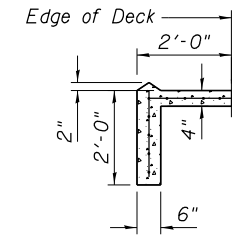
All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 60110).



SECTION THRU SLOPE WALL

Note:

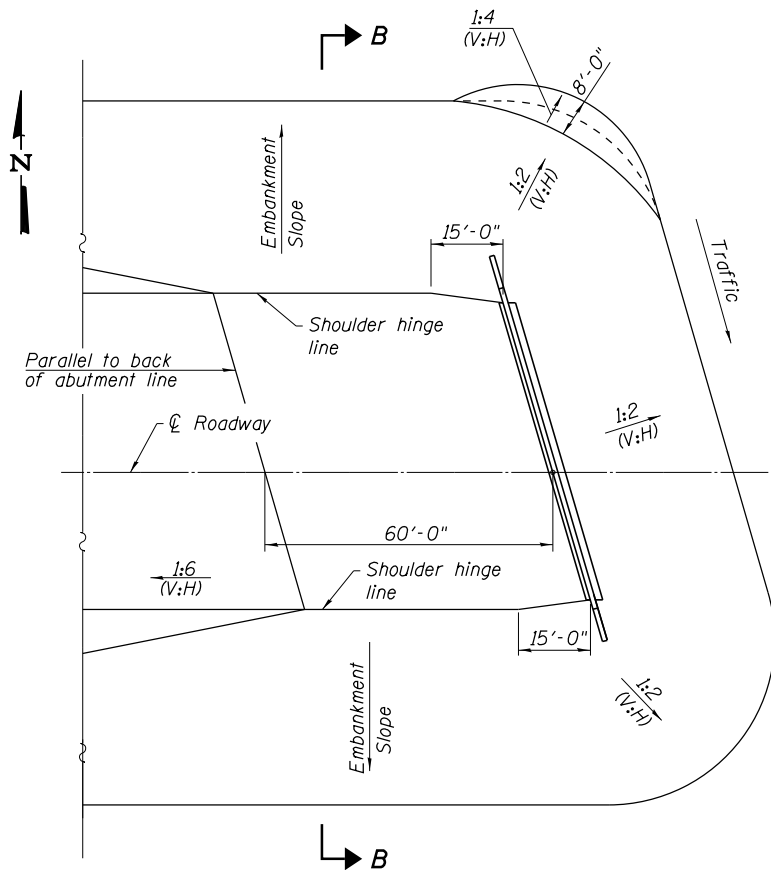
Slope wall shall be reinforced with welded wire fabric, 6 in. x 6 in.-W4.0xW4.0, weighing 58 lbs. per 100 sq. ft.



SECTION A-A

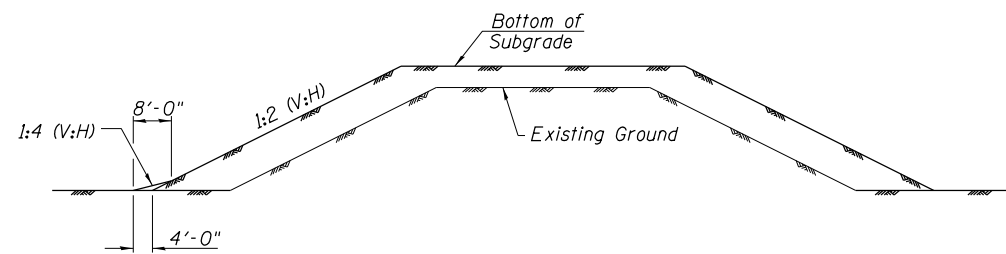
GENERAL NOTES

- Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts. Bolts 7/8" dia., holes 15/16" dia., unless otherwise noted.
- Calculated weight of Structural Steel = 397,340 lbs. (M270 Grade 50); Calculated weight of Structural Steel = 46,380 lbs. (M270 Grade 36).
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- Concrete Sealer shall be applied to the designated areas of the pier.
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of the lead on the project.
- The Inorganic Zinc Rich Primer/Acrylic/Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Interstate Green, Munsell No. 7.5G 4/8.
- The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.



PLAN EMBANKMENT CONE

(W. Abut. shown, E. Abut. similar)



SECTION B-B

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each			1
Slope Wall Removal	Sq. Yd.		323	323
Protective Shield	Sq. Yd.	220		220
Structure Excavation	Cu. Yd.		470	470
Rock Excavation for Structures	Cu. Yd.		13	13
Concrete Structures	Cu. Yd.		209.4	209.4
Concrete Superstructure	Cu. Yd.	488		488
Bridge Deck Grooving	Sq. Yd.	1,455		1,455
Concrete Encasement	Cu. Yd.		7.0	7.0
Protective Coat	Sq. Yd.	2,030		2,030
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	6,000		6,000
Reinforcement Bars, Epoxy Coated	Pound	142,280	31,410	173,690
Bar Splicers	Each	124		124
Bridge Fence Railing (Sidewalk)	Foot	273		273
Parapet Railing	Foot	273		273
Slope Wall 4 Inch	Sq. Yd.		675	675
Furnishing Steel Piles HP12x63	Foot		396	396
Driving Piles	Foot		396	396
Test Pile Steel HP12x63	Each		2	2
Pile Shoes	Each		20	20
Name Plates	Each		1	1
Anchor Bolts, 1"	Each		40	40
Anchor Bolts, 1 1/4"	Each		20	20
Concrete Sealer	Sq. Ft.		2,040	2,040
Geocomposite Wall Drain	Sq. Yd.		106	106
Granular Backfill for Structures	Cu. Yd.		190	190
Pipe Underdrains for Structures 4"	Foot		190	190
Concrete Superstructure (Approach Slab)	Cu. Yd.	172.3		172.3

PRINT DRIVER = BELTWAY
 REVISIONS = 0
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 PLOT DATE = 7/31/2017 1:16:08 PM



USER NAME = corcoranm
 ESCA PROJECT NO. 040.01
 PLOT SCALE = 0.2" = 1' / in.
 PLOT DATE = 7/31/2017 1:16:08 PM

DESIGNED - MTD 10/11
 CHECKED - SHL 10/11
 DRAWN - DWH 10/11
 CHECKED - RDP 05/12

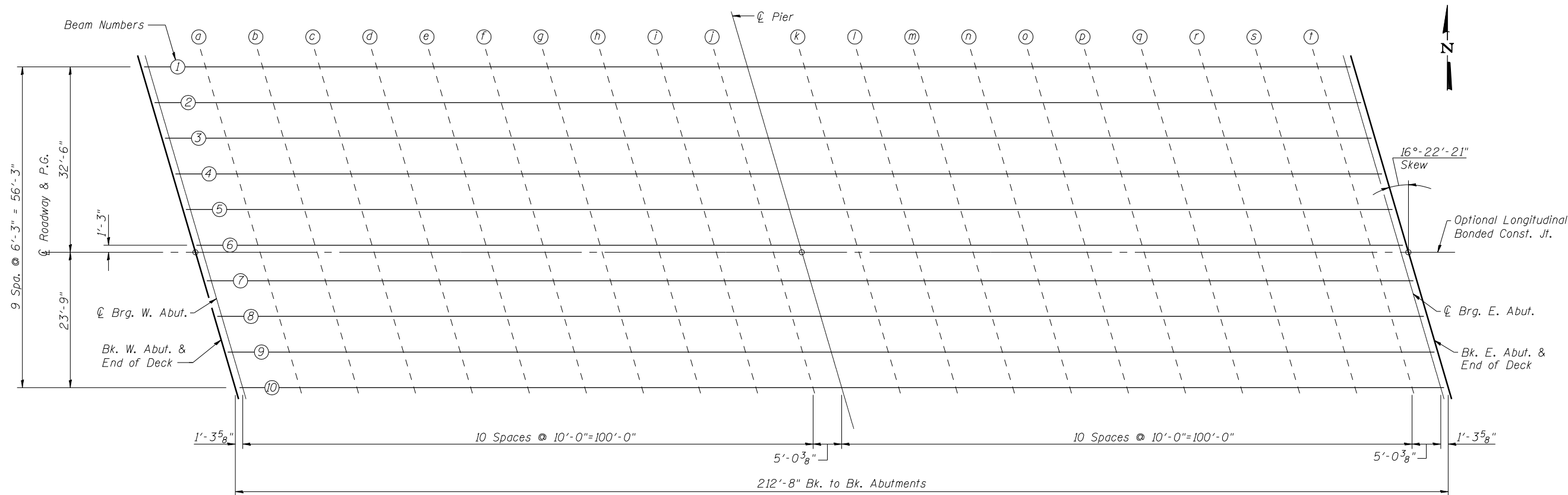
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

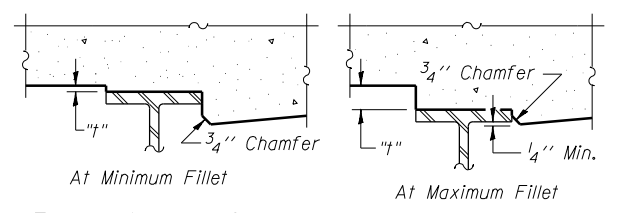
GENERAL DATA
 STRUCTURE NO. 046-0139

SHEET NO. 2 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	71
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

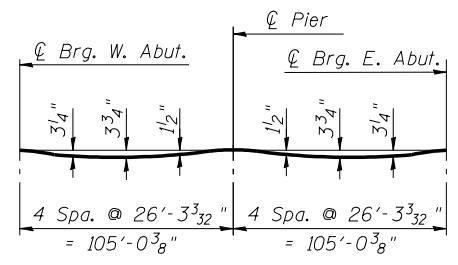


PLAN

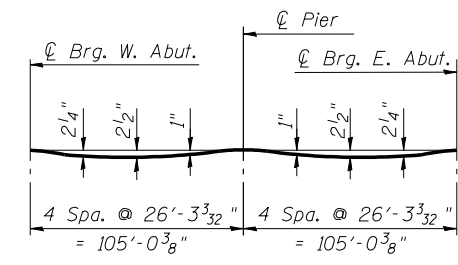


To determine "h": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 4 and 5 of 26, minus slab thickness, equals the fillet heights "h" above top flange of beams.

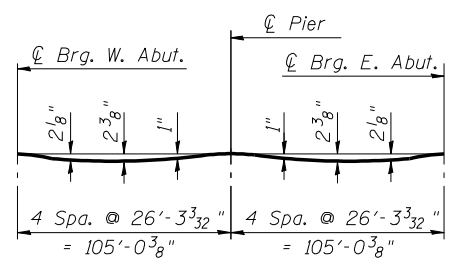
FILLET HEIGHTS



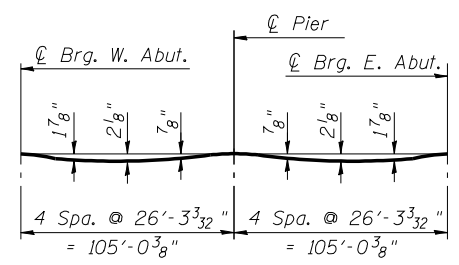
BEAM 1



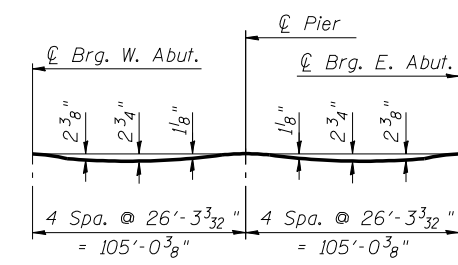
BEAM 2



BEAMS 3, 4, 8 & 9



BEAMS 5, 6 & 7



BEAM 10

DEAD LOAD DEFLECTION DIAGRAMS
(Includes weight of concrete only.)

Note:
The above deflections are not to be used in the field if the Engineer is working from the grade elevations adjusted for dead load deflections as shown on sheets 4 and 5 of 26.

PRINT DRIVER = L:\05-EB\0411
SCALE NAME = PLOT
FILE NAME = 05052012\05052012.dwg



USER NAME = rjt	DESIGNED - MTD 10/11	REVISED -
ESCA PROJECT NO. 040.01	CHECKED - SHL 10/11	REVISED -
PLOT SCALE = 0.2" = 1' IN.	DRAWN - DWH 10/11	REVISED -
PLOT DATE = 9/12/2012 11:34:43 AM	CHECKED - RDP 05/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 046-0139

SHEET NO. 3 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	72
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

BEAM 1

Table with 5 columns: Location, Station, Offset (ft.), Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection. Rows include W. End of Slab, C Brg. W. Abut., and E. End of Slab.

*Elevations are for theoretical top of slab (not sidewalk).

BEAM 2

Table with 5 columns: Location, Station, Offset (ft.), Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection. Rows include W. End of Slab, C Brg. W. Abut., and E. End of Slab.

*Elevations are for theoretical top of slab (not sidewalk).

BEAM 3

Table with 5 columns: Location, Station, Offset (ft.), Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection. Rows include W. End of Slab, C Brg. W. Abut., and E. End of Slab.

BEAM 4

Table with 5 columns: Location, Station, Offset (ft.), Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection. Rows include W. End of Slab, C Brg. W. Abut., and E. End of Slab.

BEAM 5

Table with 5 columns: Location, Station, Offset (ft.), Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection. Rows include W. End of Slab, C Brg. W. Abut., and E. End of Slab.

BEAM 6

Table with 5 columns: Location, Station, Offset (ft.), Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection. Rows include W. End of Slab, C Brg. W. Abut., and E. End of Slab.

PRINT DRIVER = L:\05-EB\0411...
SCALE: 1/8" = 1'-0"
DATE: 9/12/2012



Table with 4 columns: USER NAME, DESIGNED, CHECKED, DRAWN, PLOT DATE. Includes project details like ESCA PROJECT NO. 046-0139.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS STRUCTURE NO. 046-0139

SHEET NO. 4 OF 26 SHEETS

Table with 5 columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Includes project location: ILLINOIS FED. AID PROJECT.

FACE OF NORTH PARAPET

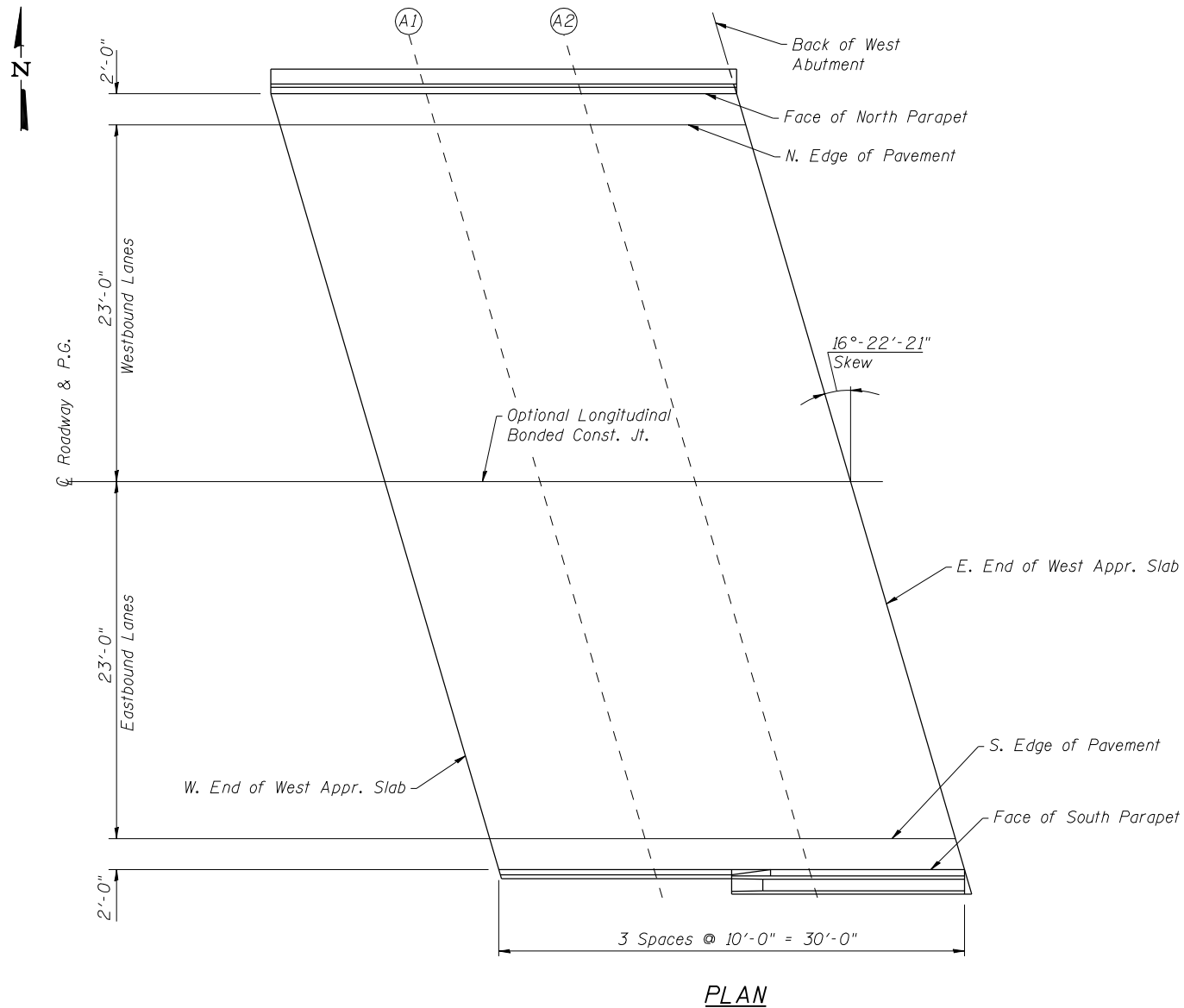
Location	Station	Offset (ft.)	Theoretical Grade Elevations
W. End West Appr. Slab	100+54.82	-25.00	659.28
A1	100+64.82	-25.00	659.50
A2	100+74.82	-25.00	659.71
E. End West Appr. Slab	100+84.82	-25.00	659.90

NORTH EDGE OF PAVEMENT

Location	Station	Offset (ft.)	Theoretical Grade Elevations
W. End West Appr. Slab	100+55.41	-23.00	659.33
A1	100+65.41	-23.00	659.55
A2	100+75.41	-23.00	659.76
E. End West Appr. Slab	100+85.41	-23.00	659.95

CL ROADWAY, P.G. & OPTIONAL LONGITUDINAL BONDED CONSTRUCTION JOINT

Location	Station	Offset (ft.)	Theoretical Grade Elevations
W. End West Appr. Slab	100+62.17	0.00	659.96
A1	100+72.17	0.00	660.17
A2	100+82.17	0.00	660.37
E. End West Appr. Slab	100+92.17	0.00	660.55



SOUTH EDGE OF PAVEMENT

Location	Station	Offset (ft.)	Theoretical Grade Elevations
W. End West Appr. Slab	100+68.92	23.00	659.63
A1	100+78.92	23.00	659.83
A2	100+88.92	23.00	660.01
E. End West Appr. Slab	100+98.92	23.00	660.18

FACE OF SOUTH PARAPET

Location	Station	Offset (ft.)	Theoretical Grade Elevations
W. End West Appr. Slab	100+69.51	25.00	659.60
A1	100+79.51	25.00	659.80
A2	100+89.51	25.00	659.98
E. End West Appr. Slab	100+99.51	25.00	660.15

PRINT DRIVER = L:\046-0139\1046-0139.dwg
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PLOT DATE = 9/12/2012 11:14:55 AM	CHECKED - RDP 05/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF WEST APPROACH SLAB ELEVATIONS
STRUCTURE NO. 046-0139**

SHEET NO. 6 OF 26 SHEETS

F.A.I. RTE. = 57	SECTION = (46-3)HBR	COUNTY = KANKAKEE	TOTAL SHEETS = 126	SHEET NO. = 75
			CONTRACT NO. 66885	
ILLINOIS FED. AID PROJECT				

FACE OF NORTH PARAPET

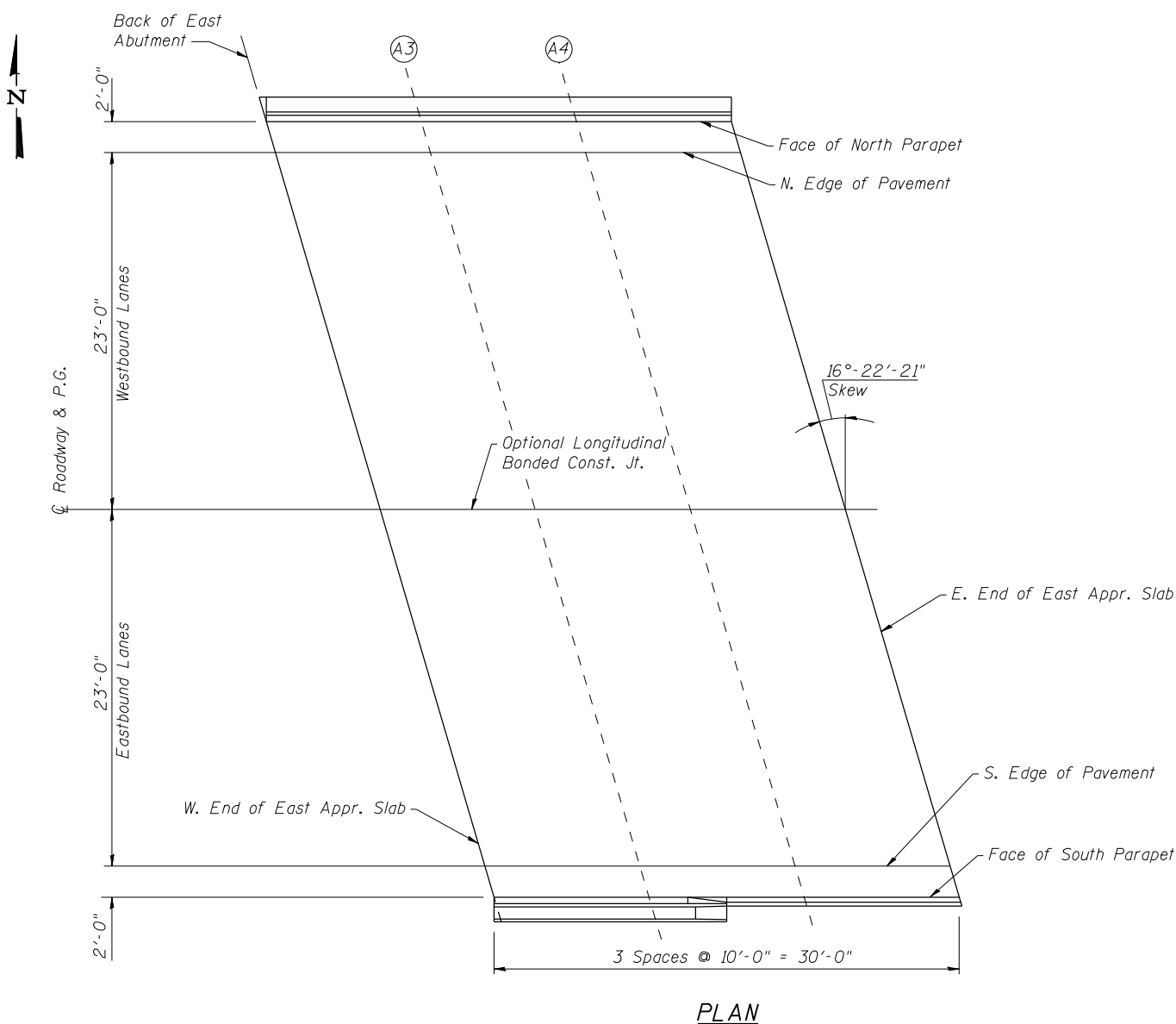
Location	Station	Offset (ft.)	Theoretical Grade Elevations
W. End East Appr. Slab	102+97.49	-25.00	660.15
A3	103+07.49	-25.00	659.98
A4	103+17.49	-25.00	659.80
E. End East Appr. Slab	103+27.49	-25.00	659.60

NORTH EDGE OF PAVEMENT

Location	Station	Offset (ft.)	Theoretical Grade Elevations
W. End East Appr. Slab	102+98.08	-23.00	660.18
A3	103+08.08	-23.00	660.01
A4	103+18.08	-23.00	659.83
E. End East Appr. Slab	103+28.08	-23.00	659.63

CL ROADWAY, P.G., & OPTIONAL LONGITUDINAL BONDED CONSTRUCTION JOINT

Location	Station	Offset (ft.)	Theoretical Grade Elevations
W. End East Appr. Slab	103+04.83	0.00	660.55
A3	103+14.83	0.00	660.37
A4	103+24.83	0.00	660.17
E. End East Appr. Slab	103+34.83	0.00	659.96



SOUTH EDGE OF PAVEMENT

Location	Station	Offset (ft.)	Theoretical Grade Elevations
W. End East Appr. Slab	103+11.59	23.00	659.95
A3	103+21.59	23.00	659.76
A4	103+31.59	23.00	659.55
E. End East Appr. Slab	103+41.59	23.00	659.33

FACE OF SOUTH PARAPET

Location	Station	Offset (ft.)	Theoretical Grade Elevations
W. End East Appr. Slab	103+12.18	25.00	659.90
A3	103+22.18	25.00	659.71
A4	103+32.18	25.00	659.50
E. End East Appr. Slab	103+42.18	25.00	659.28

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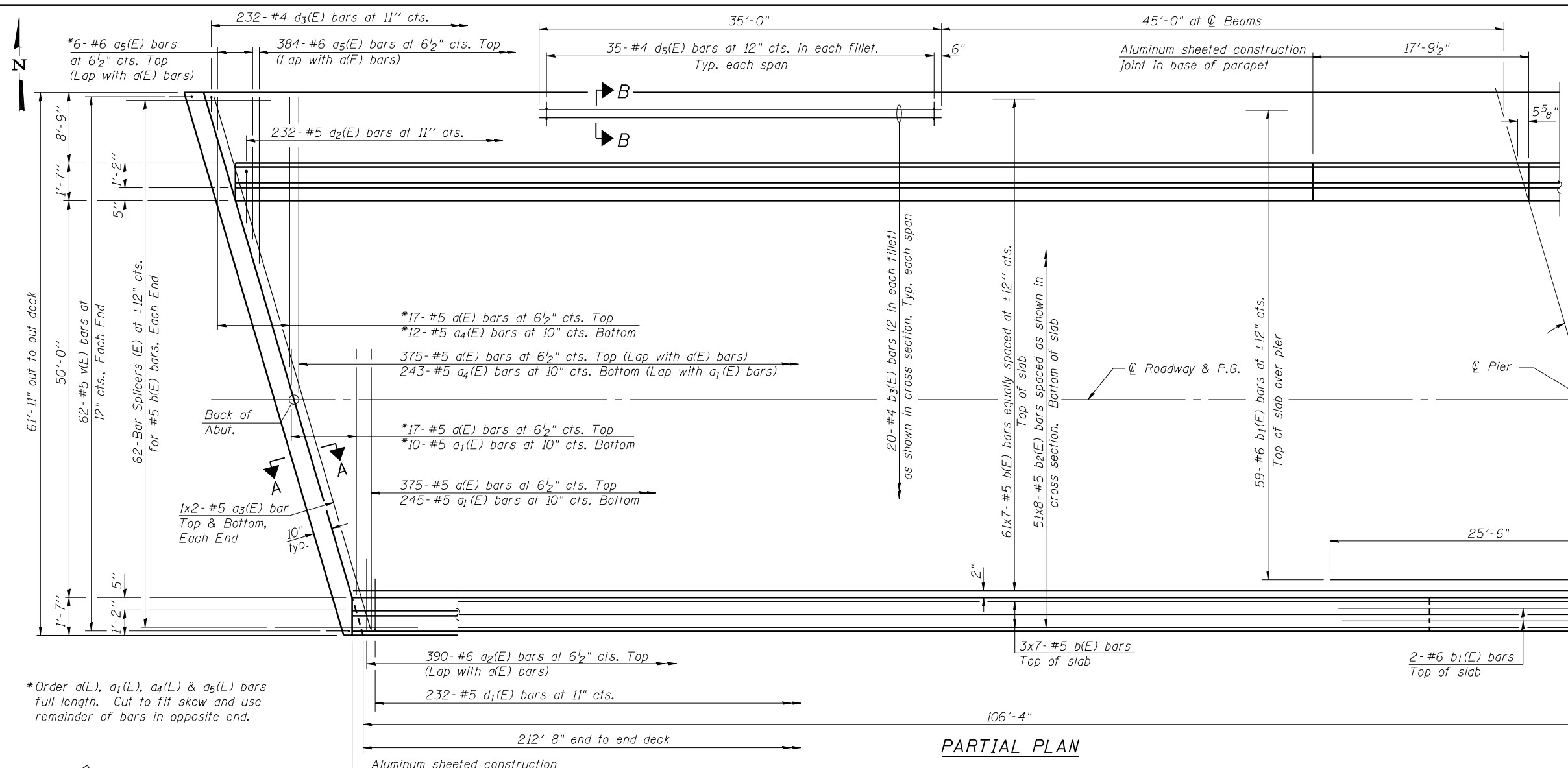
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

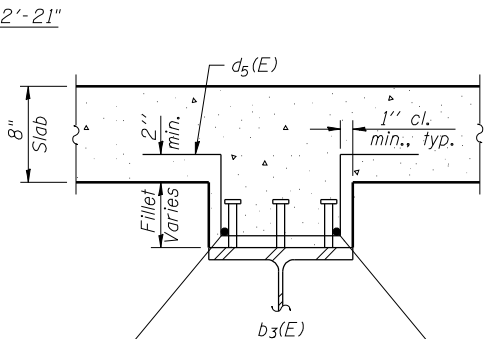
**TOP OF EAST APPROACH SLAB ELEVATIONS
STRUCTURE NO. 046-0139**

F.A.I. RTE. 57	SECTION (46-3)HBR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 76
				CONTRACT NO. 66885
ILLINOIS FED. AID PROJECT				

SHEET NO. 7 OF 26 SHEETS



Notes:
 See sheets 9 & 10 of 26 for superstructure details and Bill of Material.
 Bars indicated thus 61 x 7-#5 etc. indicates 61 lines of bars with 7 lengths per line.
 See sheet 9 of 26 for parapet reinforcement.
 See sheet 11 of 26 for Section A-A.
 See sheet 22 of 26 for Bar Splicer details.
 See sheets 9 & 10 of 26 for $d_4(E)$ bar details. These bars shall be cast with the deck.



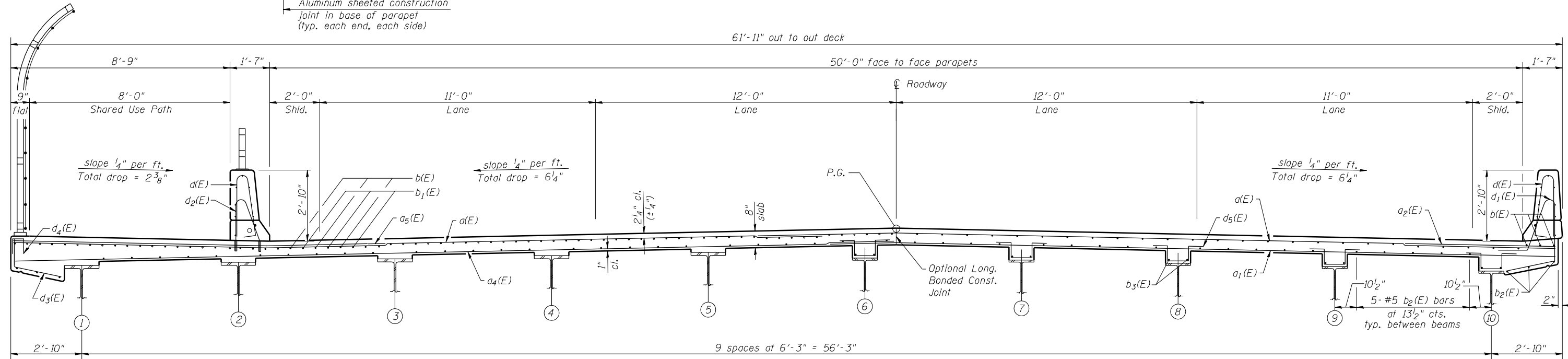
SECTION B-B

MINIMUM BAR LAP

(Slab)
 #5 bar = 2'-6"

*Order $a(E)$, $a_1(E)$, $a_4(E)$ & $a_5(E)$ bars full length. Cut to fit skew and use remainder of bars in opposite end.

PARTIAL PLAN



CROSS SECTION (Looking East)

NEAR PIER

NEAR MIDSPAN

PRINT DRIVER: L:\05-ESCA\PROJECTS\046-0139\046-0139-08.DWG
 PLOT DATE: 9/12/2012 11:53:39 AM
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PLOT SCALE = 0.25" = 1'-0"	DRAWN - DWH 10/11	REVISED -
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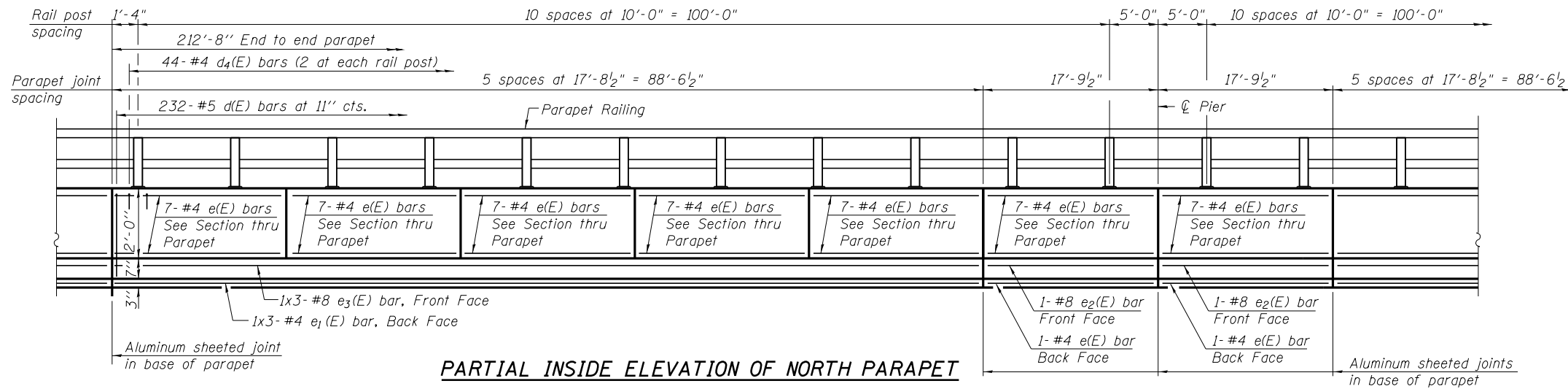
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE
 STRUCTURE NO. 046-0139

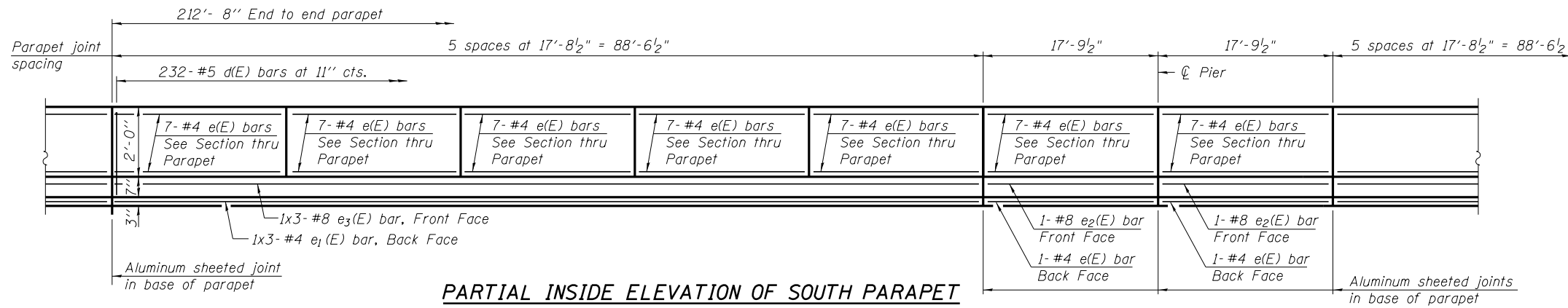
SHEET NO. 8 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	77
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT	

Notes:
 See sheet 14 of 26 for railing details.
 See sheet 10 of 26 for parapet joint details and Bill of Material.
 Bars indicated thus 1x3-#8 etc. indicates 1 line of bars with 3 lengths per line.



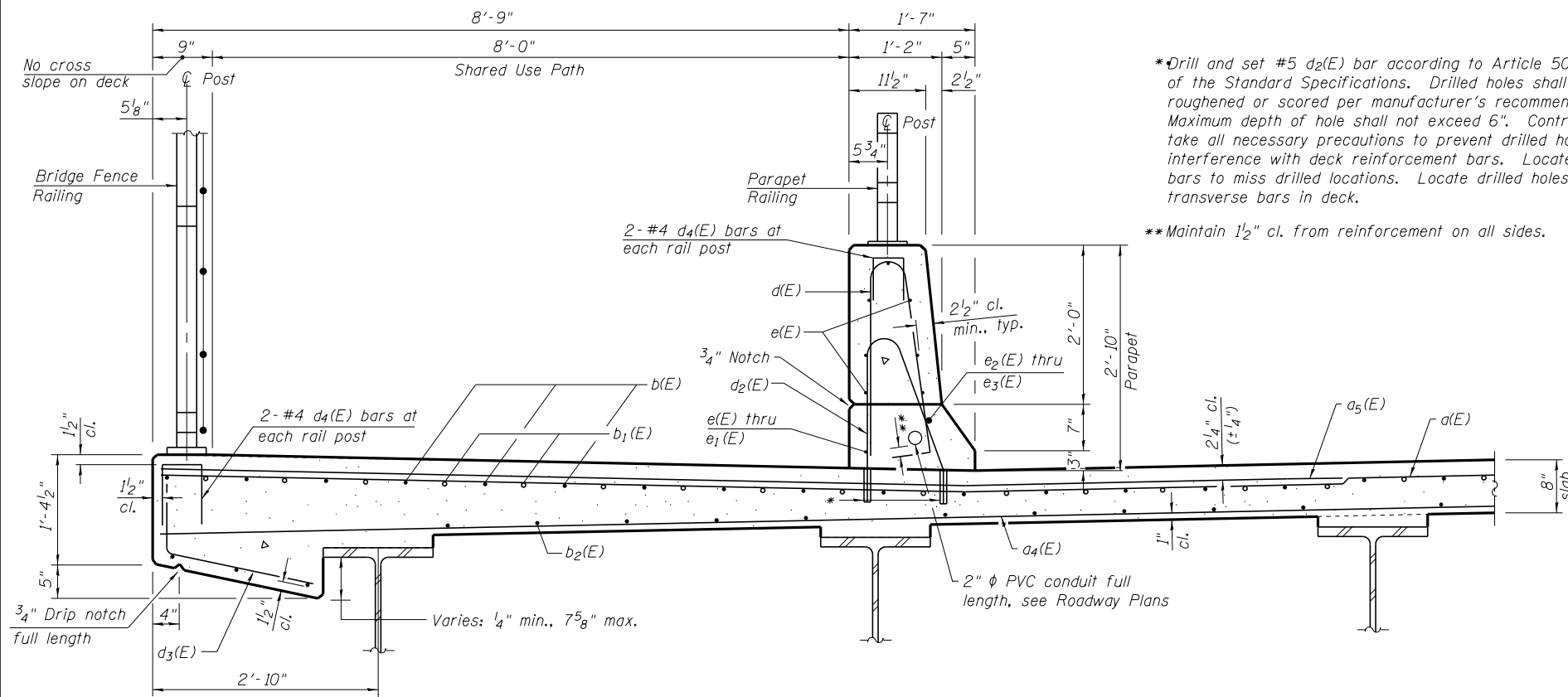
PARTIAL INSIDE ELEVATION OF NORTH PARAPET



PARTIAL INSIDE ELEVATION OF SOUTH PARAPET

MINIMUM BAR LAP

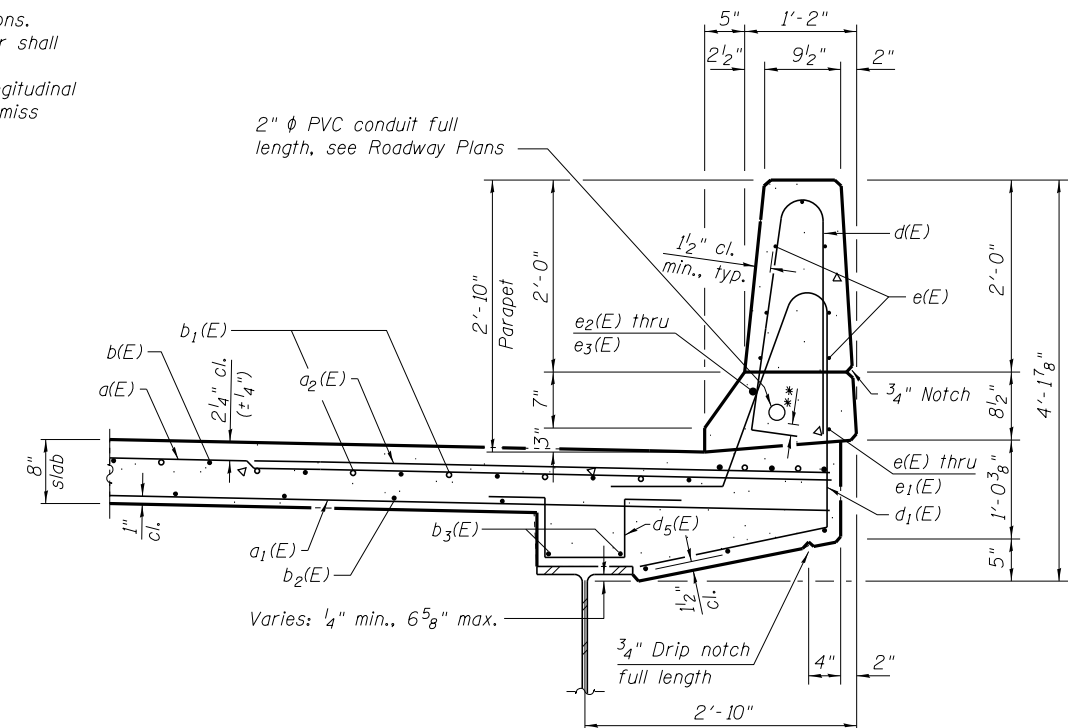
(Parapet)
 #4 bar = 2'-0"
 #8 bar = 5'-2"



SECTION THRU NORTH PARAPET & SIDEWALK

*Drill and set #5 d2(E) bar according to Article 509.06 of the Standard Specifications. Drilled holes shall be roughened or scored per manufacturer's recommendations. Maximum depth of hole shall not exceed 6". Contractor shall take all necessary precautions to prevent drilled hole interference with deck reinforcement bars. Locate longitudinal bars to miss drilled locations. Locate drilled holes to miss transverse bars in deck.

**Maintain 1/2" cl. from reinforcement on all sides.



SECTION THRU SOUTH PARAPET

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USER NAME = corcoranm
 ESCA PROJECT NO. 040.01
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 PLOT DATE = 7/31/2017 11:17:30 PM

DESIGNED -	MTD	10/11	REVISED -
CHECKED -	SHL	10/11	REVISED -
DRAWN -	DWH	10/11	REVISED -
CHECKED -	RDP	05/12	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
 STRUCTURE NO. 046-0139

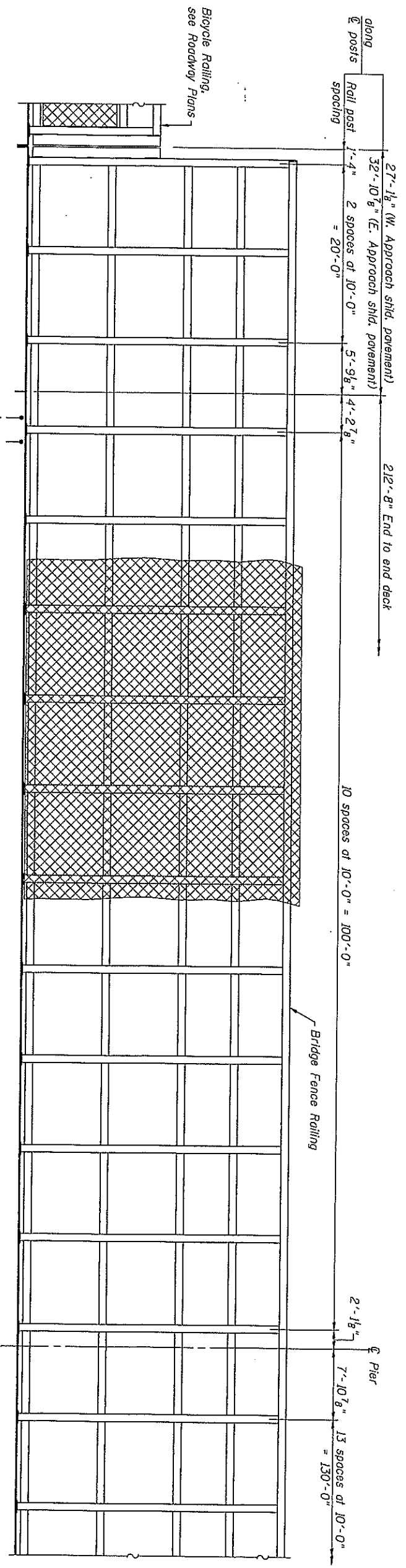
SHEET NO. 9 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	78
CONTRACT NO. 66885				

ILLINOIS FED. AID PROJECT

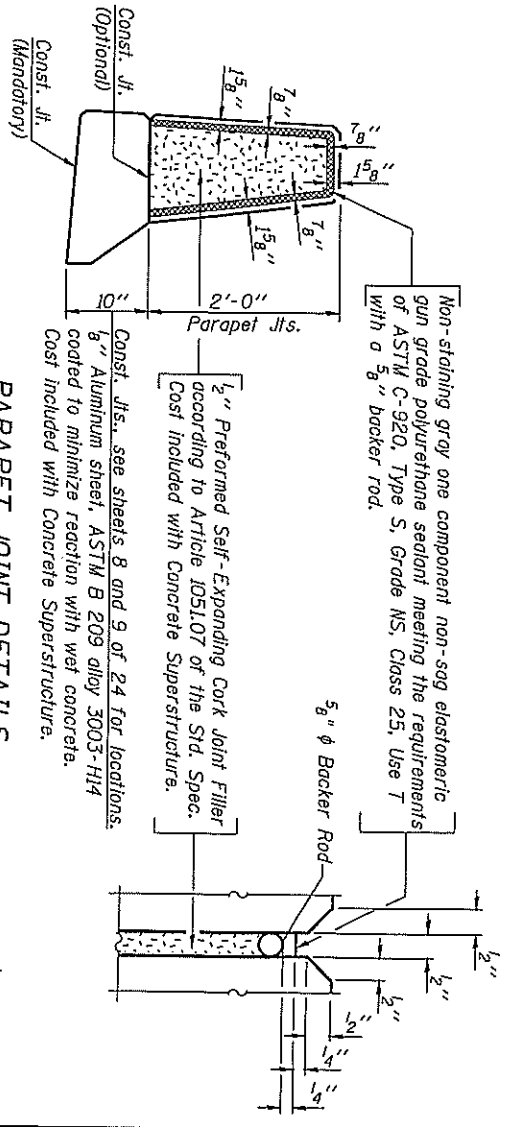
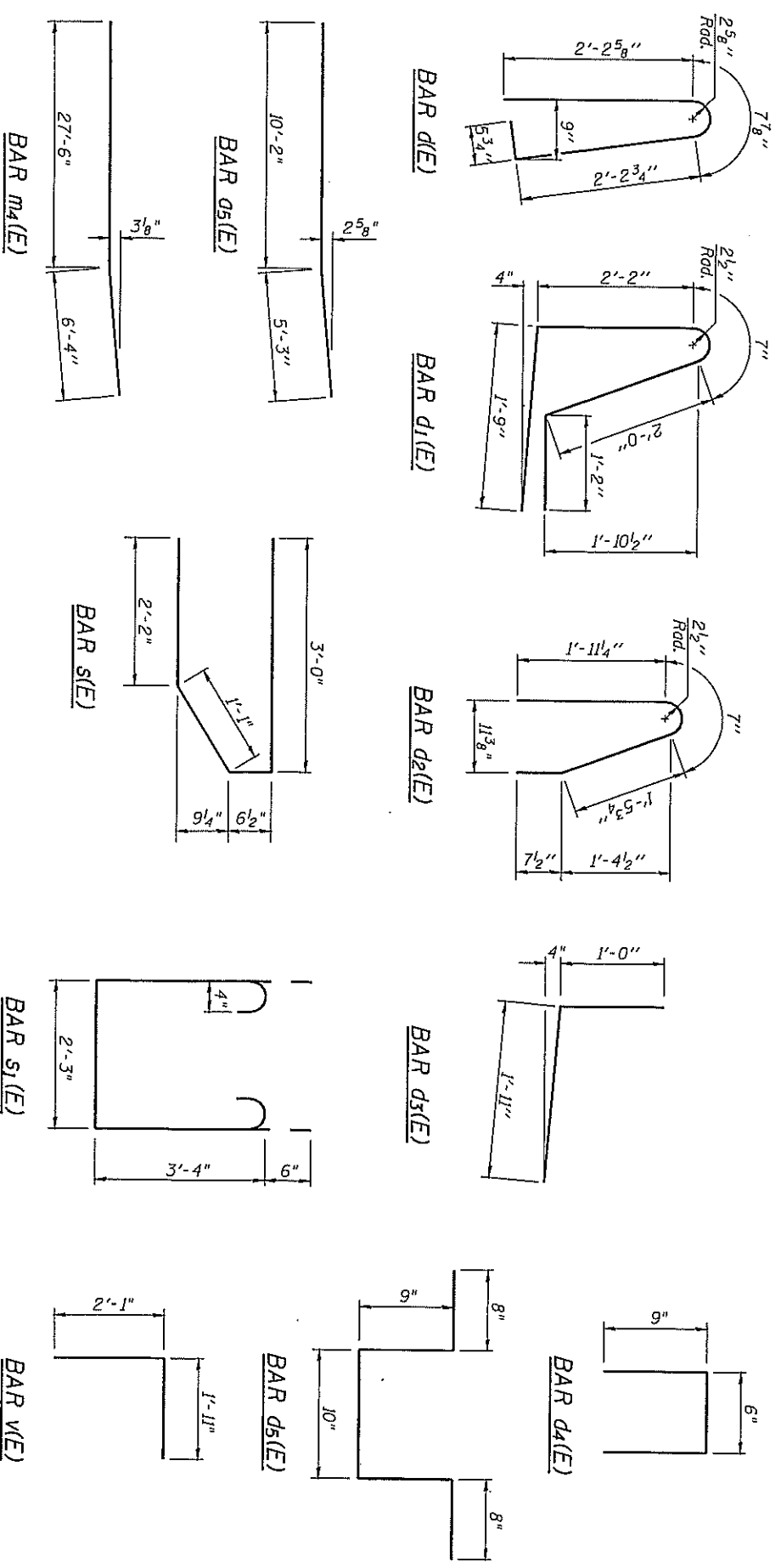
**SUPERSTRUCTURE
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
d1(E)	784	#5	32'-0"	—
g1(E)	255	#5	28'-11"	—
g2(E)	390	#6	6'-6"	—
g3(E)	8	#5	33'-4"	—
g4(E)	255	#5	35'-11"	—
g5(E)	390	#6	15'-5"	—
b(E)	448	#5	32'-6"	—
b1(E)	61	#6	51'-0"	—
b2(E)	408	#5	28'-9"	—
b3(E)	40	#4	35'-0"	—
d(E)	464	#5	5'-7"	—
d1(E)	232	#5	7'-8"	—
d2(E)	232	#5	4'-8"	—
d3(E)	232	#4	2'-11"	—
d4(E)	86	#4	2'-0"	—
d5(E)	700	#4	3'-8"	—
e(E)	172	#4	17'-5"	—
e1(E)	12	#4	30'-9"	—
e2(E)	4	#8	17'-6"	—
e3(E)	12	#8	32'-11"	—
m(E)	14	#6	33'-10"	—
m1(E)	32	#6	9'-11"	—
m2(E)	18	#6	6'-2"	—
m3(E)	4	#6	2'-9"	—
m4(E)	6	#6	33'-10"	—
m5(E)	8	#6	7'-9"	—
s(E)	142	#5	6'-10"	—
s1(E)	120	#4	9'-11"	—
v(E)	124	#5	4'-0"	—
Reinforcement Bars			Pound	104,885
Epoxy Coated Concrete Superstructure			Cu. Yds.	477.1



Notes:
 See Roadway Plans for approach shoulder pavement details.
 See sheet 14 of 26 for railing details.

PARTIAL INSIDE ELEVATION OF BRIDGE FENCE RAILING



PARAPET JOINT DETAILS

Reinforcement bars shall not pass thru aluminum sheets and cork joint filler.

PRINT DRIVER: P:\001\B.B. Ball
 PLOT TABLE: PLOT_VBR2.TBL
 PLOT DATE: 9/12/2012
 PLOT TIME: 11:58:21 AM

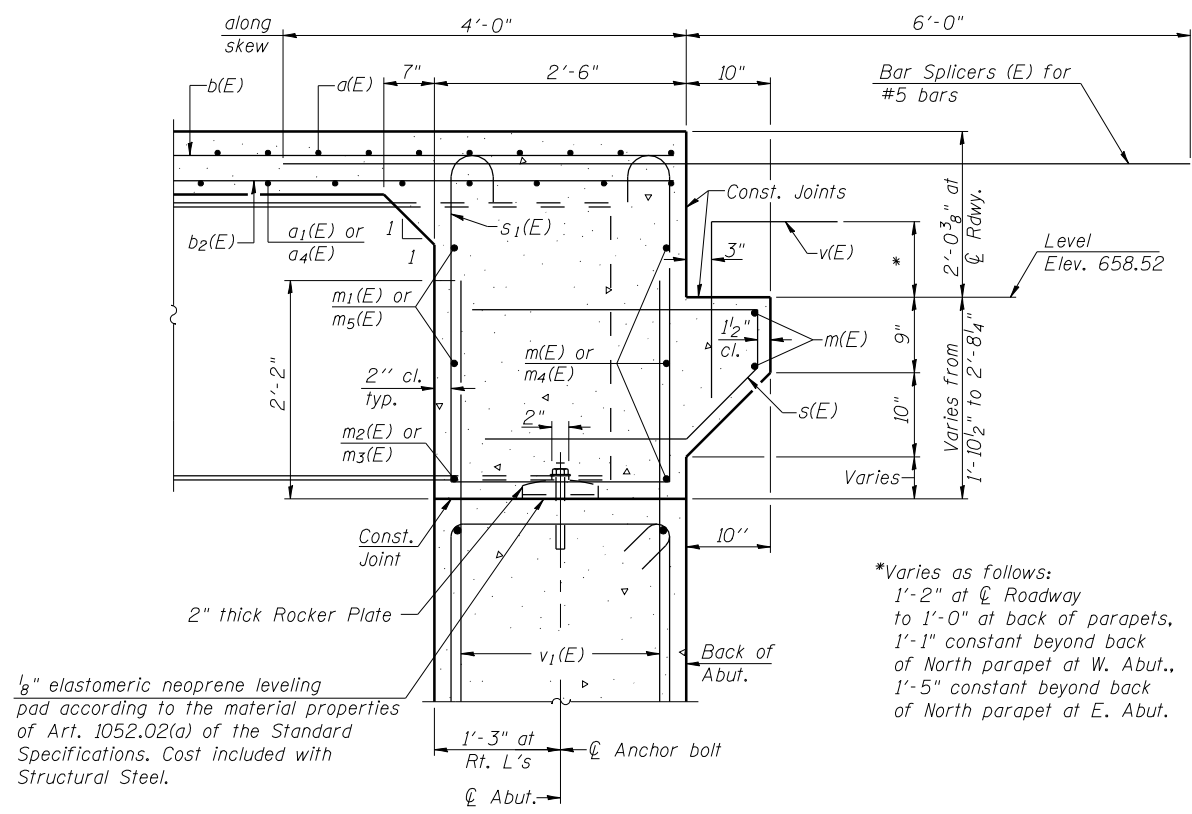


USER NAME = rjr	DESIGNED - MTD	10/11	REVISOR -
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PLOT DATE = 9/12/2012	CHECKED - ROP	09/12	REVISOR -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
 STRUCTURE NO. 046-0139

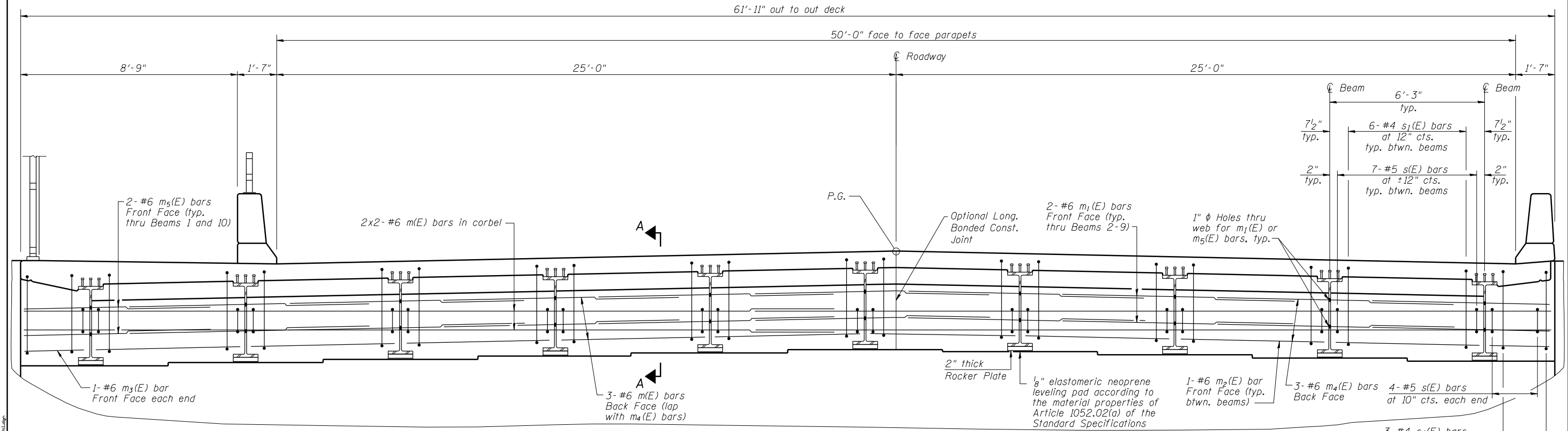
F.A.I. No.	SECTION	COUNTY	TOTAL SHEETS
57	146-318R	KANKAKEE	126
			79
		CONTRACT NO. 66885	



SECTION A-A
(Dimensions at right angles to abutment, except as shown.)

Notes:
Reinforcement bars in diaphragm are billed with superstructure on sheet 10 of 26.
Concrete in diaphragm is included with Concrete Superstructure on sheet 10 of 26.
For details of bars $s(E)$ & $s_1(E)$ see sheet 10 of 26.
The $s(E)$ and $s_1(E)$ bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

MINIMUM BAR LAP
(Diaphragm)
#6 bar = 3'-4"



DIAPHRAGM ELEVATION AT EAST ABUTMENT
(Dimensions at right angles to C Roadway . West Abutment opposite hand.)

PRINT DRIVER = L:\ESCAP\...
 PLOT SCALE = 1/4" = 1'-0"
 PLOT DATE = 9/12/2012 11:16:50 AM



USER NAME = rjt	DESIGNED - MTD 10/11	REVISED -
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PLOT SCALE = 1/4" = 1'-0"	DRAWN - DWH 10/11	REVISED -
PLOT DATE = 9/12/2012 11:16:50 AM	CHECKED - RDP 05/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTEGRAL ABUTMENT DIAPHRAGM DETAILS
STRUCTURE NO. 046-0139

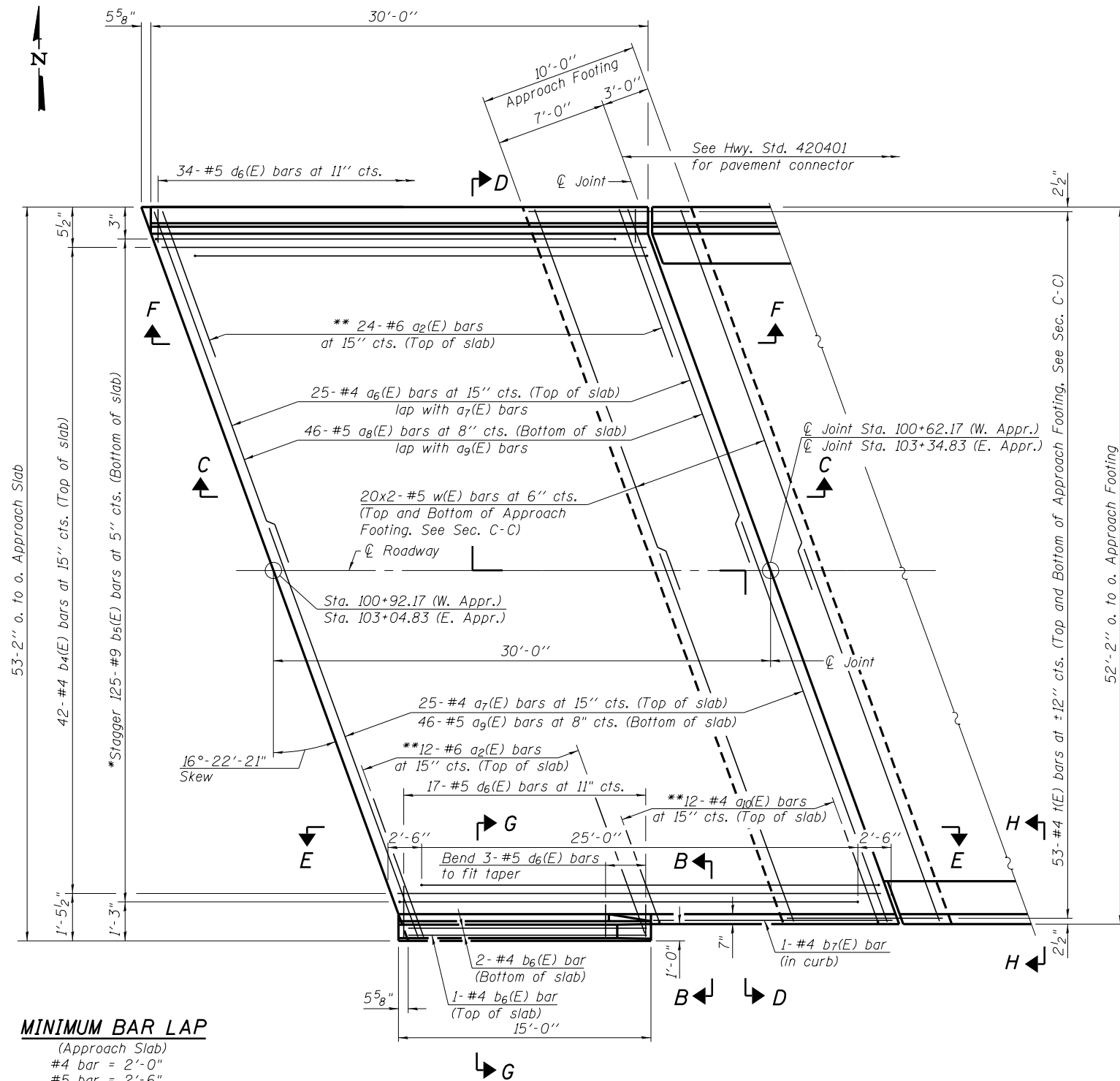
SHEET NO. 11 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	80
CONTRACT NO. 66885				

ILLINOIS FED. AID PROJECT

Notes:
 See sheet 13 of 26 for Sections C-C, D-D & G-G and Views E-E & F-F.
 a₆(E) thru a₉(E) bar spacings measured along \varnothing Rdwy.
 Bars indicated thus 20x2 - #5 etc. indicates 20 lines of bars with 2 lengths per line.

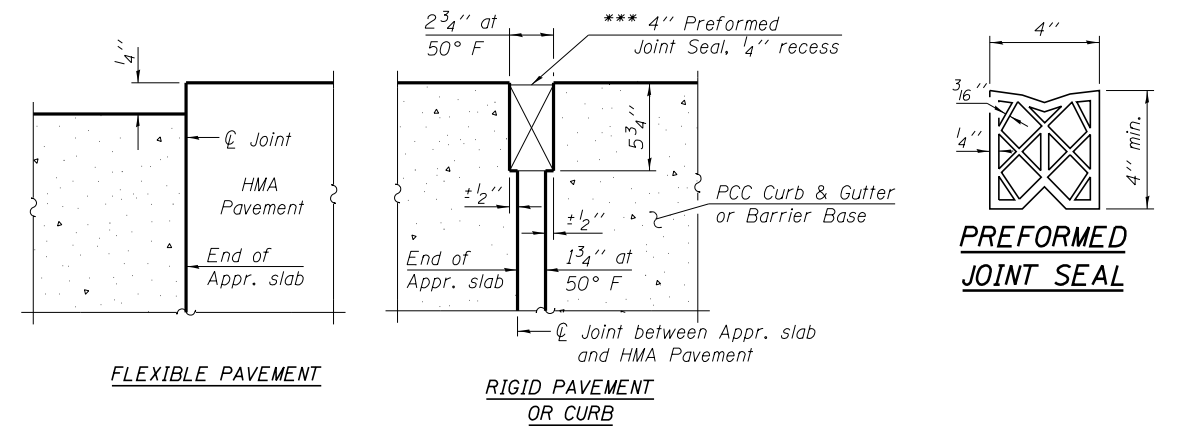
*** Cost included with Concrete Superstructure.



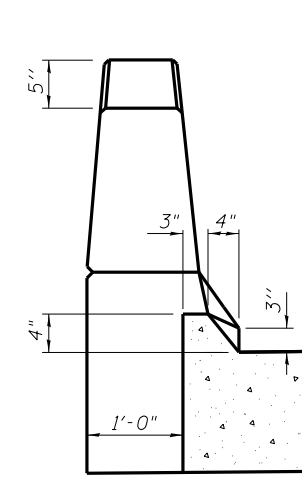
PLAN AT EAST APPROACH
 (West Approach opposite hand)

* Tilt #9 b₅(E) bars as required to maintain clearance.
 ** Space between a₆(E) and a₇(E) bars.

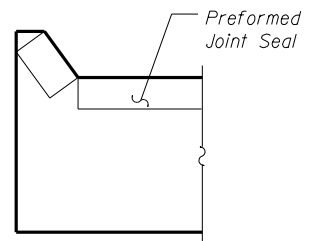
MINIMUM BAR LAP
 (Approach Slab)
 #4 bar = 2'-0"
 #5 bar = 2'-6"



DETAIL A



VIEW B-B



VIEW H-H

Angle Preformed Joint Seal at 45° at curbs when req'd for drainage.

(Sheet 1 of 2)

PRINT DRIVER = BELLEVILLE
 PLOT DATE = 7/31/2017
 PLOT SCALE = 0.2' = 1"
 PLOT TIME = 1:18:50 PM



USER NAME = corcoranim
 ESCA PROJECT NO. 040.01
 PLOT DATE = 7/31/2017

DESIGNED - MTD 10/11	REVISIONS
CHECKED - SHL 10/11	REVISIONS
DRAWN - DWH 10/11	REVISIONS
CHECKED - RDP 05/12	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 046-0139

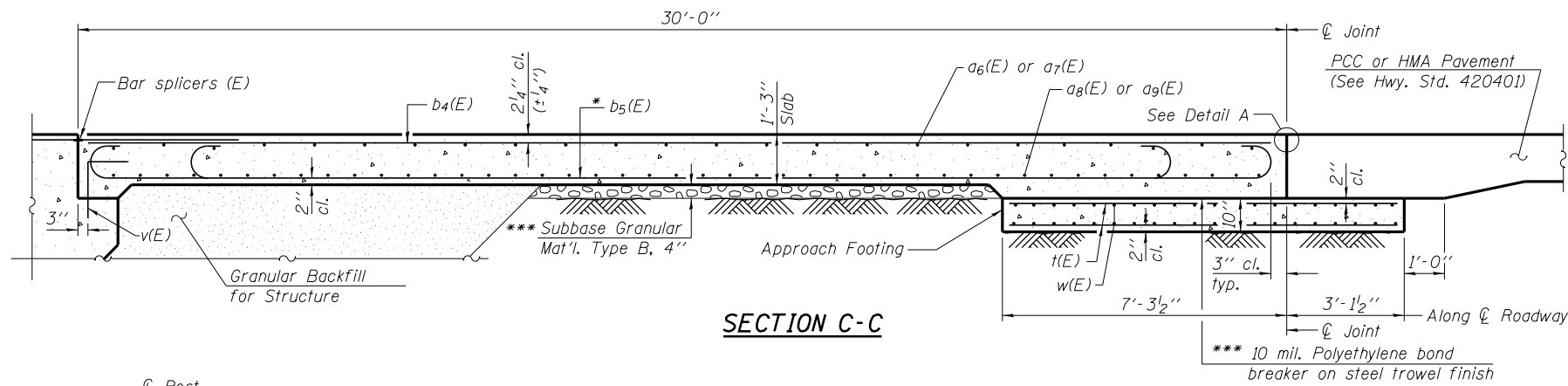
SHEET NO. 12 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	81
CONTRACT NO. 66885				

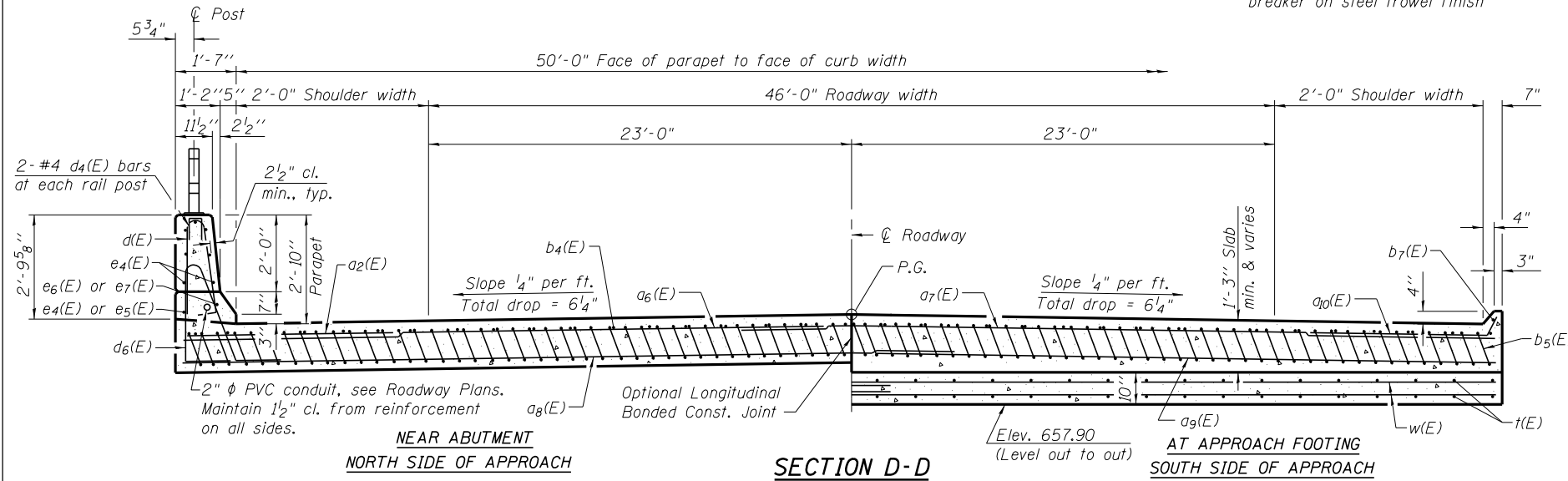
ILLINOIS FED. AID PROJECT

Notes:

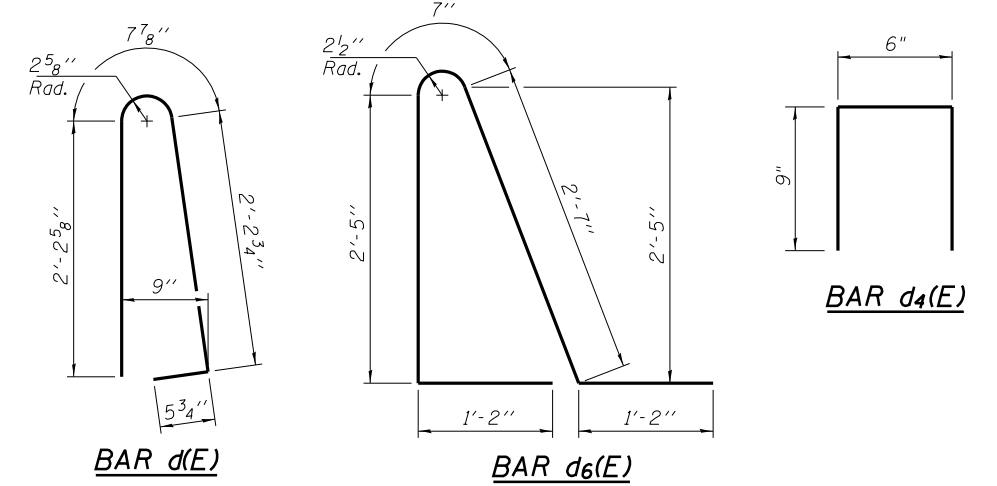
See sheet 12 of 26 for Detail A.
 Parapet concrete shall be paid for as Concrete Superstructure.
 Approach footing concrete shall be paid for as Concrete Structures.
 Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
 For v(E) bar details, see sheets 10 and 11 of 26.
 The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
 For bar splicer details, see sheet 22 of 26.
 Cost of excavation for approach footing included with Concrete Structures.
 For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 26.
 For additional parapet details, see sheet 10 of 26.
 For railing details, see sheet 14 of 26.
 Approach slab shall be paid for as Concrete Superstructure (Approach Slab).



SECTION C-C



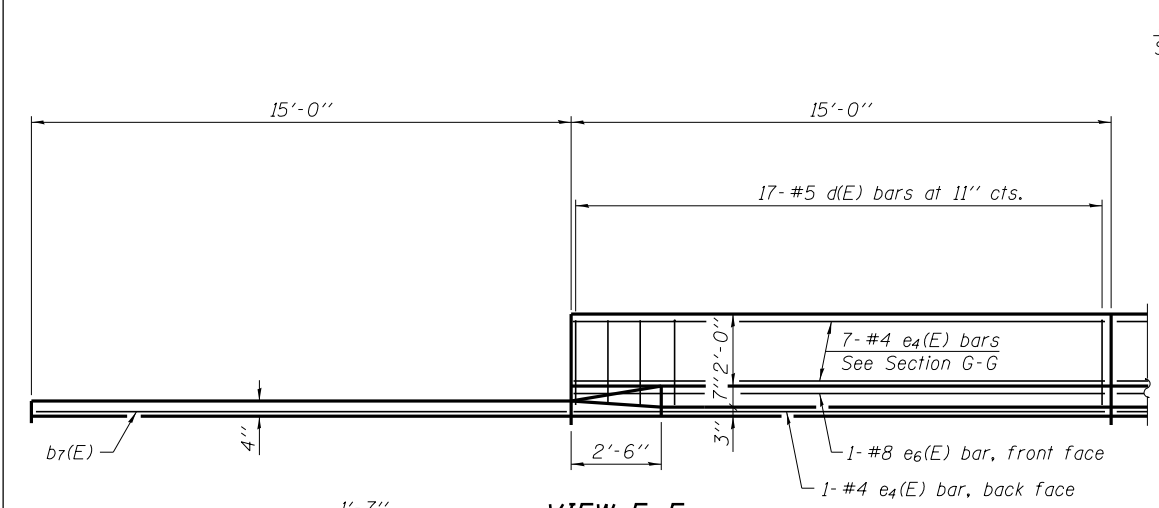
SECTION D-D



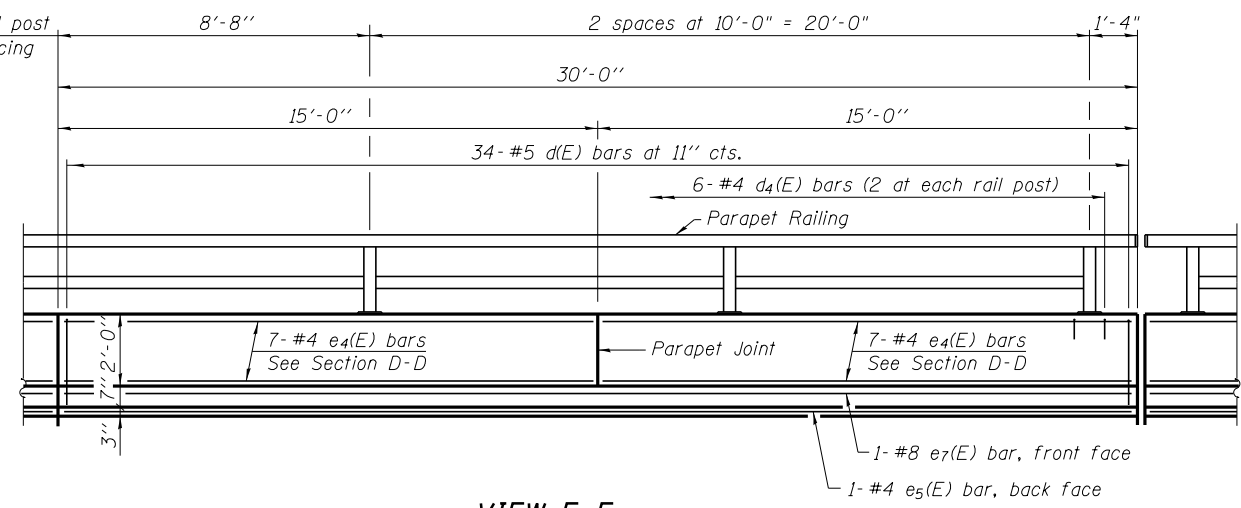
* Tilt #9 b5(E) bars as required to maintain clearance.
 *** Cost included with Concrete Superstructure (Approach Slab).

**TWO APPROACHES
 BILL OF MATERIAL**

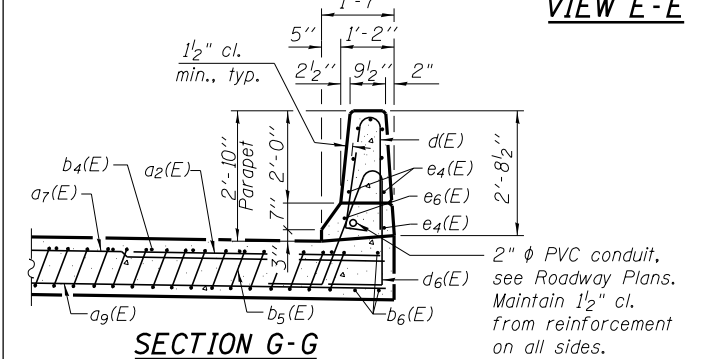
Bar	No.	Size	Length	Shape
a2(E)	72	#6	6'-6"	—
a6(E)	50	#4	27'-4"	—
a7(E)	50	#4	29'-9"	—
a8(E)	92	#5	30'-3"	—
a9(E)	92	#5	27'-4"	—
a9(E)	24	#4	4'-5"	—
b4(E)	84	#4	29'-8"	—
b5(E)	250	#9	29'-9"	—
b6(E)	6	#4	14'-4"	—
b7(E)	2	#4	14'-10"	—
d(E)	102	#5	5'-7"	∧
d4(E)	12	#4	2'-0"	∩
d6(E)	102	#5	7'-11"	∧
e4(E)	44	#4	14'-8"	—
e5(E)	2	#4	29'-8"	—
e6(E)	2	#8	14'-8"	—
e7(E)	2	#8	29'-8"	—
t(E)	212	#4	10'-0"	—
w(E)	160	#5	28'-3"	—
Concrete Superstructure			Cu. Yd.	10.9
Concrete Structures			Cu. Yd.	33.6
Reinforcement Bars, Epoxy Coated			Pound	43,530
Concrete Superstructure (Approach Slab)			Cu. Yd.	172.3



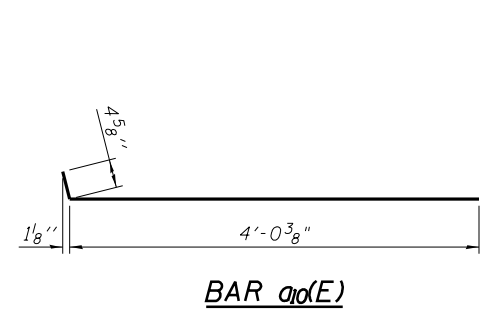
VIEW E-E



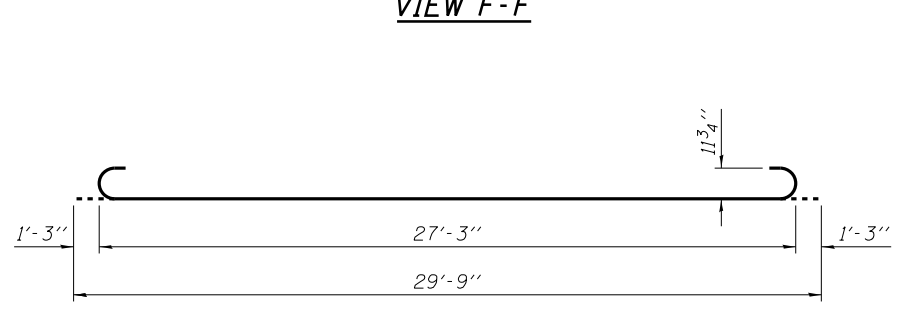
VIEW F-F



SECTION G-G



BAR a10(E)



BAR b5(E)

(Sheet 2 of 2)

PRINT DRIVER = B.L.T./W.S.
 SCALE NAME = PLOT
 FILE NAME = ESCA046-0139-13-26-08-01.dwg



USER NAME = corcoranm	DESIGNED - MTD 10/11	REVISED -
ESCA PROJECT NO. 040.01	CHECKED - SHL 10/11	REVISED -
PLOT SCALE = 0:2' = 1" in.	DRAWN - DWH 10/11	REVISED -
PLOT DATE = 8/16/2017 9:30:20 AM	CHECKED - RDP 05/12	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

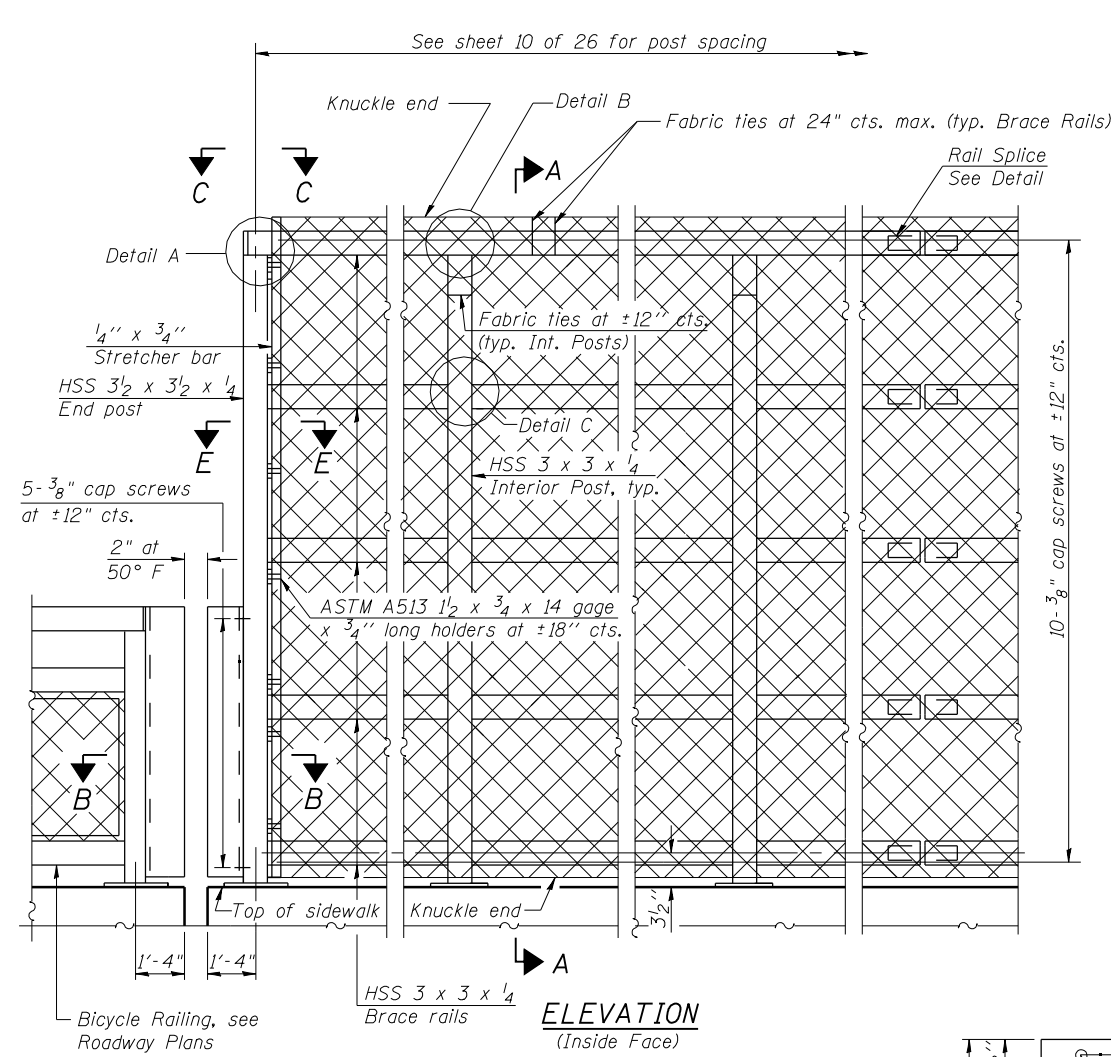
BRIDGE APPROACH SLAB DETAILS
 STRUCTURE NO. 046-0139

SHEET NO. 13 OF 26 SHEETS

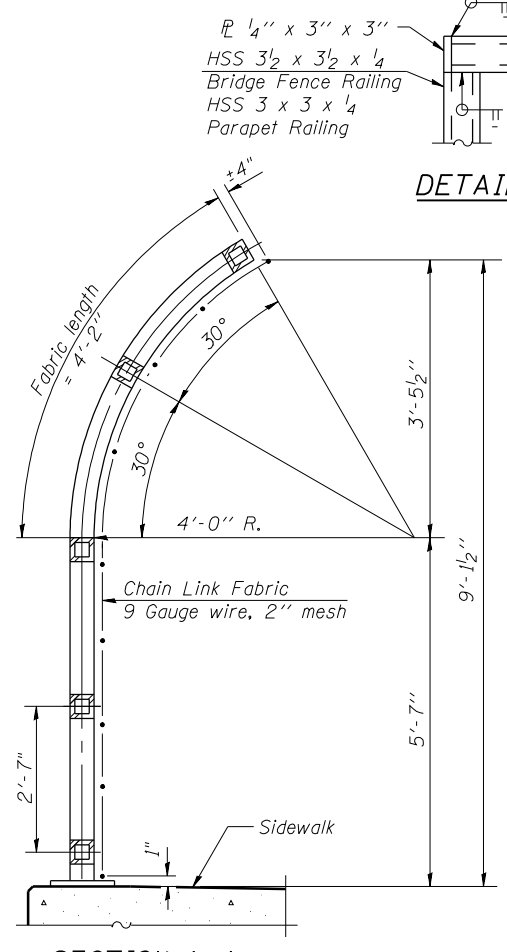
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	82
CONTRACT NO. 66885				

ILLINOIS FED. AID PROJECT

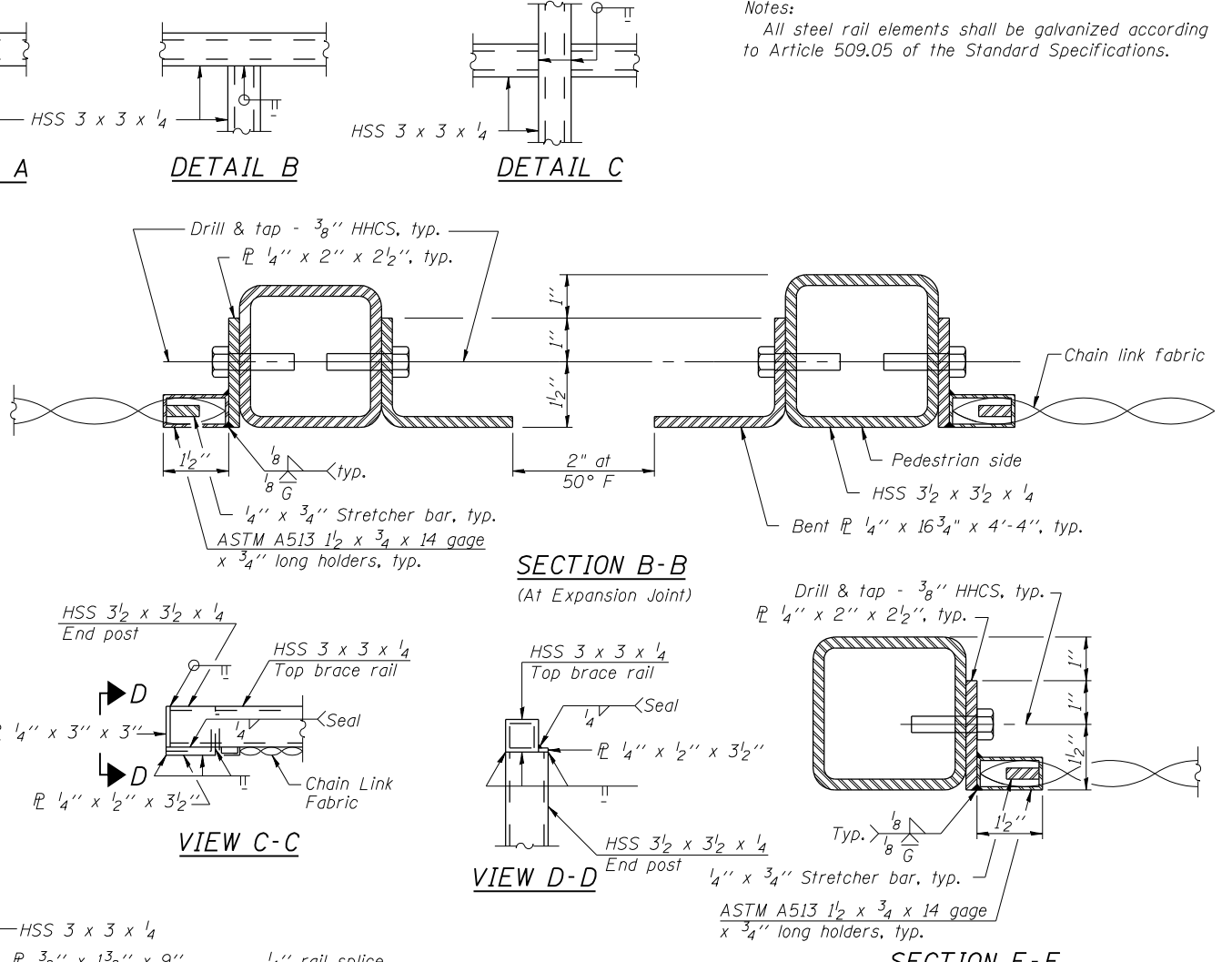
Notes:
All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.



ELEVATION
(Inside Face)



SECTION A-A

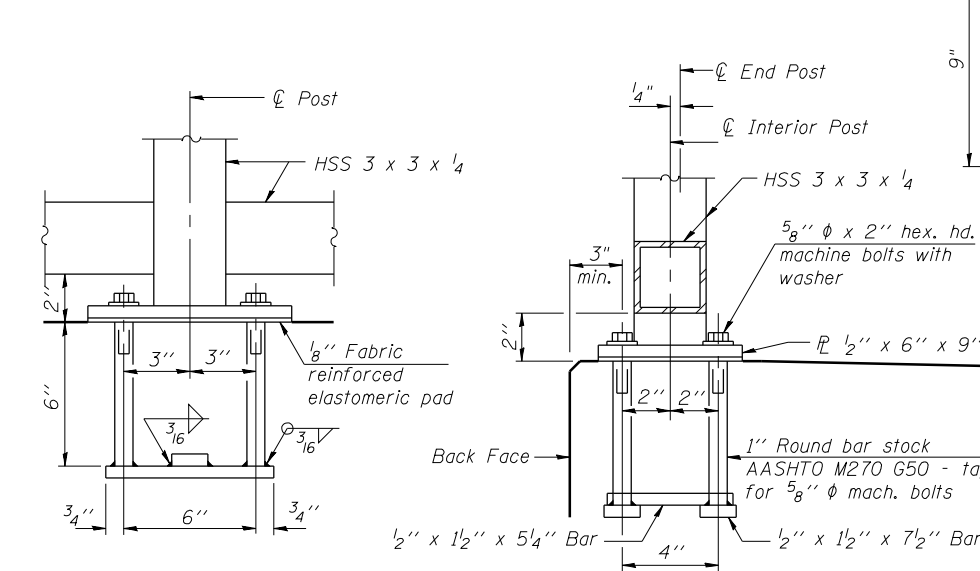


SECTION B-B
(At Expansion Joint)

VIEW C-C

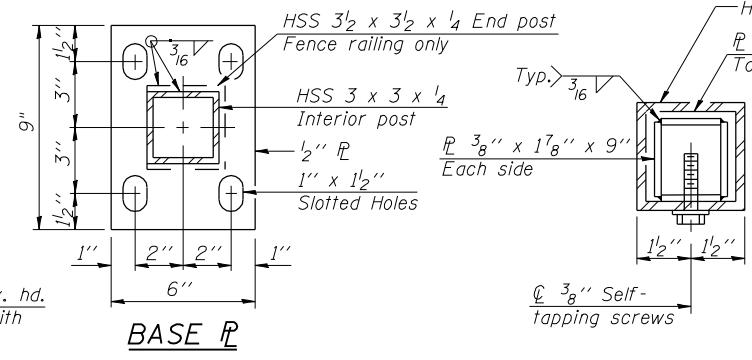
VIEW D-D

SECTION E-E



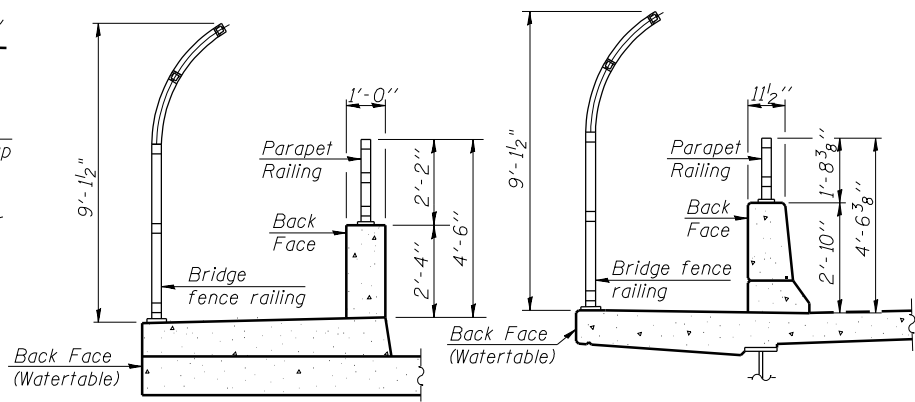
ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" φ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



BASE PLATE

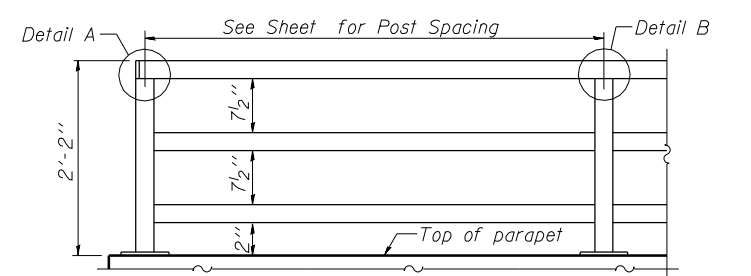
RAIL SPLICE



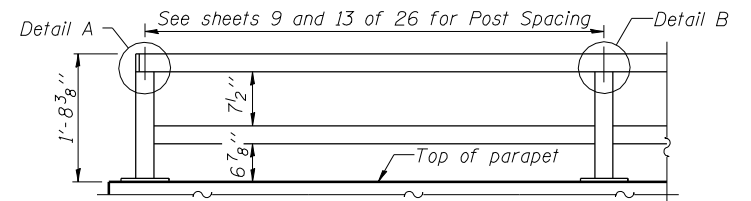
SECTION THRU SIDEWALK

SECTION THRU DECK

PARAPET RAILING ELEVATION AT EXPANSION JOINT
(Two element rail shown - Three element rail similar)



PARAPET RAILING ELEVATION
(Inside Face of Three Element Rail)



PARAPET RAILING ELEVATION
(Inside face of two element rail)

BILL OF MATERIAL

Item	Unit	Quantity
Bridge Fence Railing (Sidewalk)	Foot	273
Parapet Railing	Foot	273

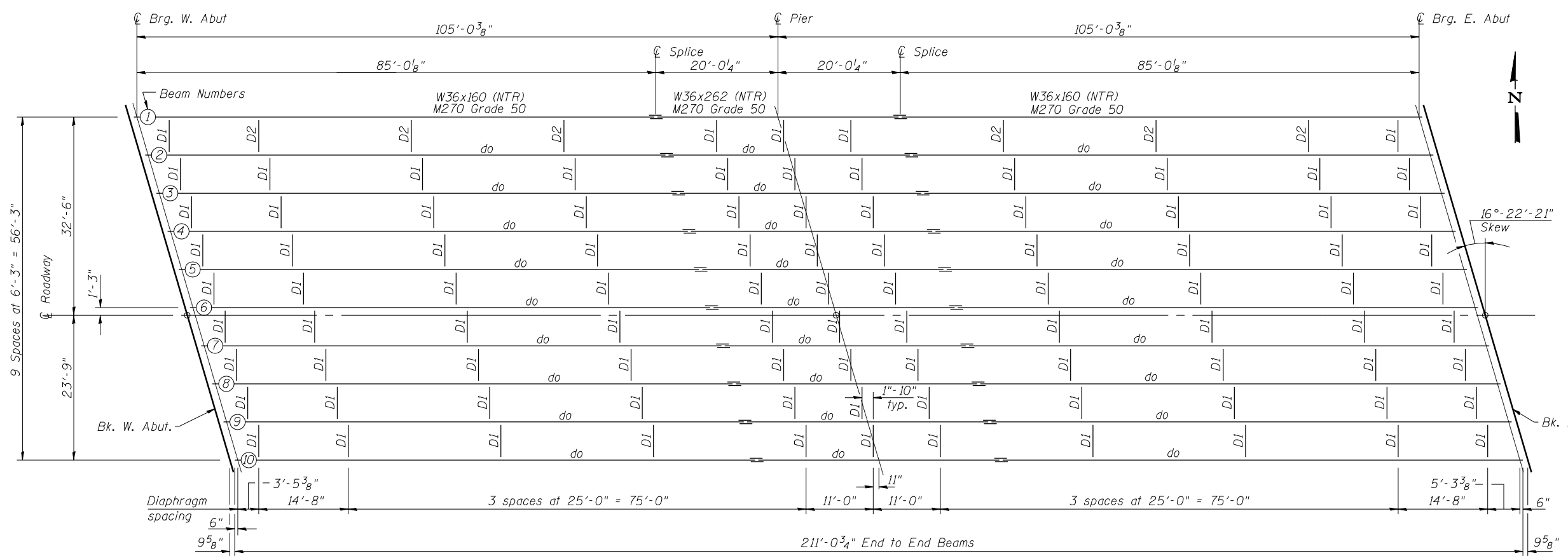


USER NAME	DESIGNED	DATE	REVISION
rjt	MTD	10/11	-
	SHL	10/11	-
	DWH	10/11	-
	RDP	05/12	-

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	83

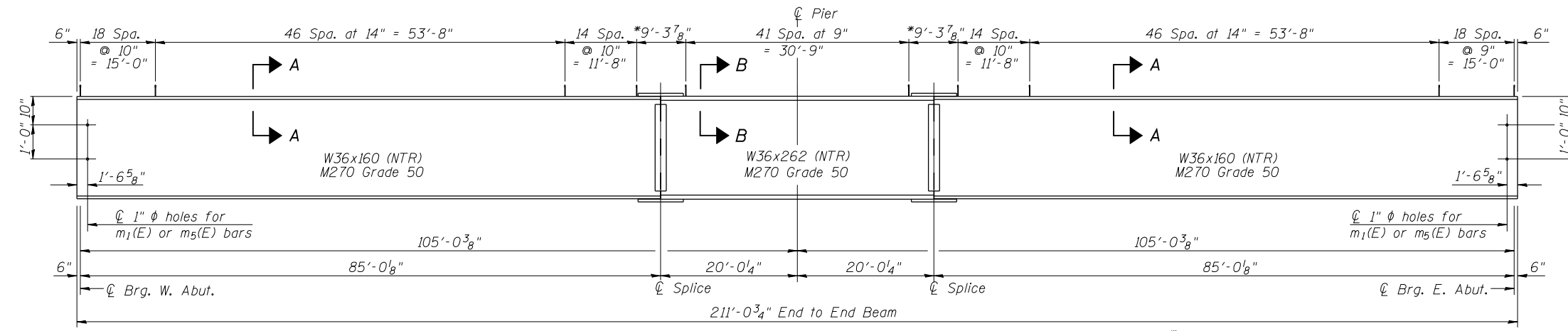
CONTRACT NO. 66885
ILLINOIS FED. AID PROJECT

PRINT DRIVER = LEO E. BARBIL
SCALE: 1/4" = 1'-0"
DATE: 10/11/10
FILE NAME: C:\PROJ\66885\14-FENCE.RVT



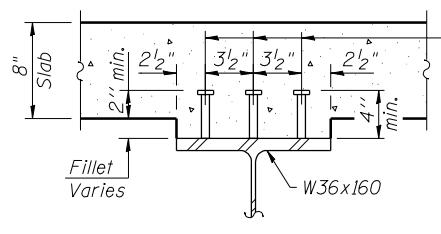
STEEL FRAMING PLAN

Notes:
 Load carrying components designated (NTR) shall conform to the Impact Testing Requirement, Zone 2.
 All diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual diaphragms at supports may be temporarily disconnected to install bearing anchor rods.
 See sheet 16 of 26 for steel details.

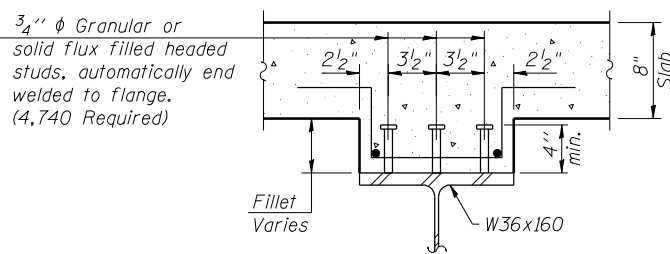


TYPICAL BEAM ELEVATION

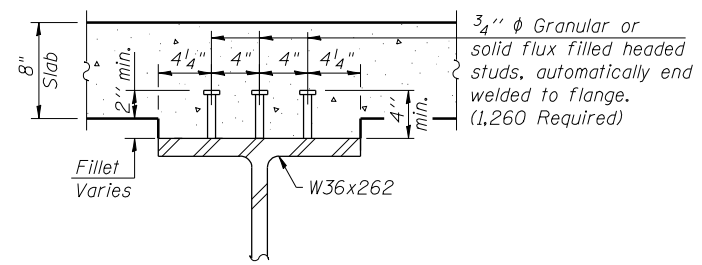
*Omit shear connectors over splices.



AT STANDARD FILLET



AT DEEP FILLET



SECTION B-B

TOP OF BEAM ELEVATIONS
 (For fabrication only)

BEAM	℄ Brg. W. Abut.	℄ Splice	℄ Pier	℄ Splice	℄ Brg. E. Abut.
1	659.00	659.99	660.03	660.06	659.32
2	659.17	660.11	660.13	660.16	659.43
3	659.33	660.24	660.26	660.28	659.53
4	659.49	660.38	660.39	660.40	659.63
5	659.66	660.51	660.52	660.53	659.73
6	659.82	660.65	660.65	660.65	659.83
7	659.77	660.58	660.57	660.57	659.72
8	659.67	660.46	660.44	660.43	659.56
9	659.57	660.33	660.31	660.30	659.40
10	659.47	660.21	660.19	660.17	659.23

Elevations shown do not include deflection and are intended only for use in fabrication of steel beams. Elevations at splice locations are top of W36x262 flange (not splice plate).

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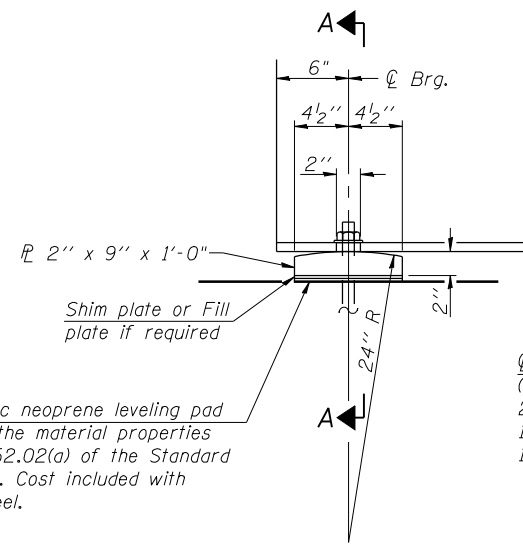
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ESCA PROJECT NO. 046-0139	CHECKED - MTD 10/11	REVISED -
PLOT SCALE = 0.25" = 1'-0"	DRAWN - DWH 10/11	REVISED -
PLOT DATE = 9/12/2012 11:18:24 AM	CHECKED - RDP 05/12	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STEEL FRAMING PLAN
 STRUCTURE NO. 046-0139

SHEET NO. 15 OF 26 SHEETS

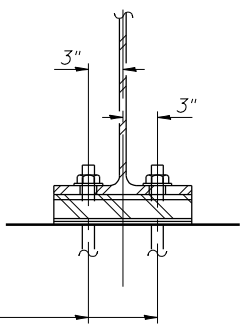
F.A.I. RTE. 57	SECTION (46-3)HBR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 84
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT	



1/8" elastomeric neoprene leveling pad according to the material properties of Article 1052.02(a) of the Standard Specifications. Cost included with Structural Steel.

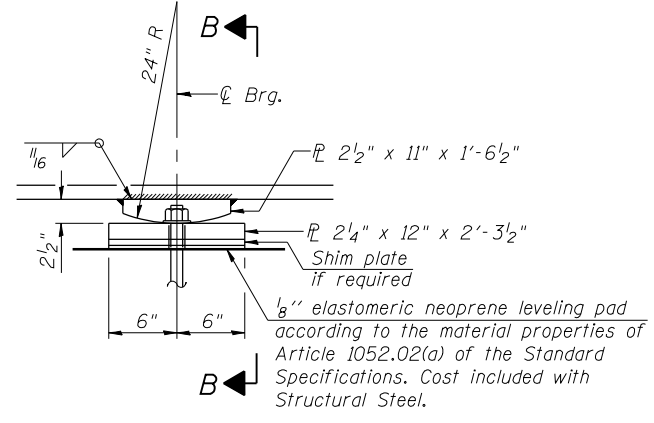
ELEVATION AT ABUTMENT

1" ϕ x 12" Anchor bolts (F1554 Grade 36) with 2 1/4" x 2 1/4" x 5/16" PL washer under nut. 1 3/8" x 2" slotted hole in flange. 1/2" ϕ holes in bearing plate.



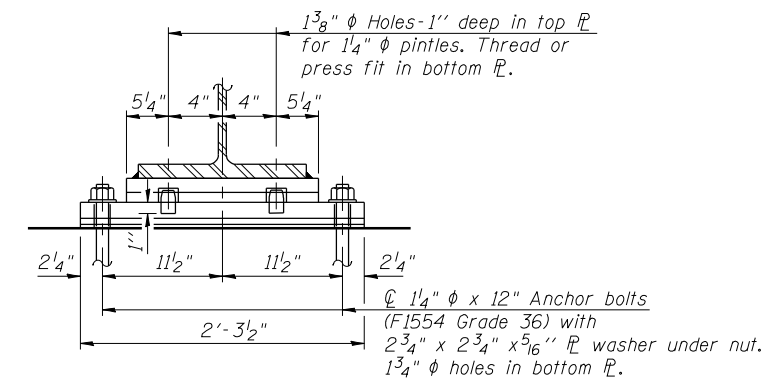
SECTION A-A

FIXED BEARING AT ABUTMENTS

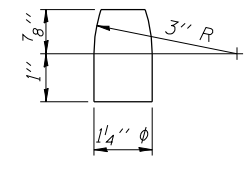


ELEVATION AT PIER

FIXED BEARING AT PIER

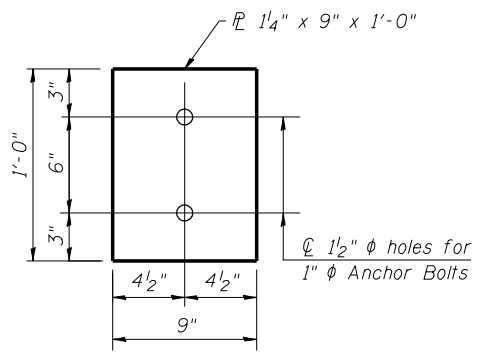


SECTION B-B



PINTLE

Notes:
 Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
 Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.
 Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
 Two 1/8" adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.



FILL PLATE

(1 required at Beam 7 on W. Abut.)

BILL OF MATERIAL

Item	Unit	Total
Anchor Bolts 1"	Each	40
Anchor Bolts 1 1/4"	Each	20

PRINT DRIVER = L:\05-08\046\0139\0139.dwg
 PLOT DATE = 9/12/2012 11:19:08 AM
 PLOT SCALE = 0.25" = 1'-0"
 PLOT SHEET NO. = 17 OF 26



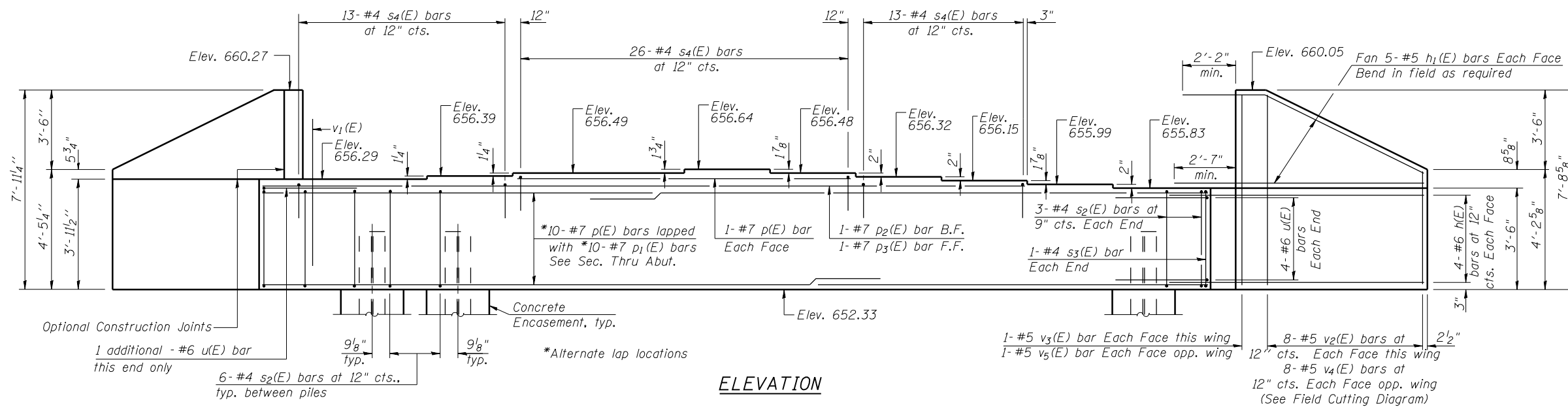
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PLOT SCALE = 0.25" = 1'-0"	DRAWN - DWH 10/11	REVISED -
PLOT DATE = 9/12/2012 11:19:08 AM	CHECKED - RDP 05/12	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

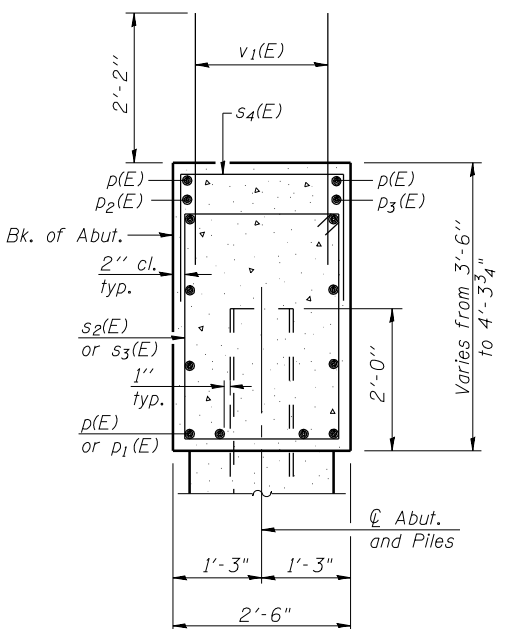
**BEARING DETAILS
 STRUCTURE NO. 046-0139**

SHEET NO. 17 OF 26 SHEETS

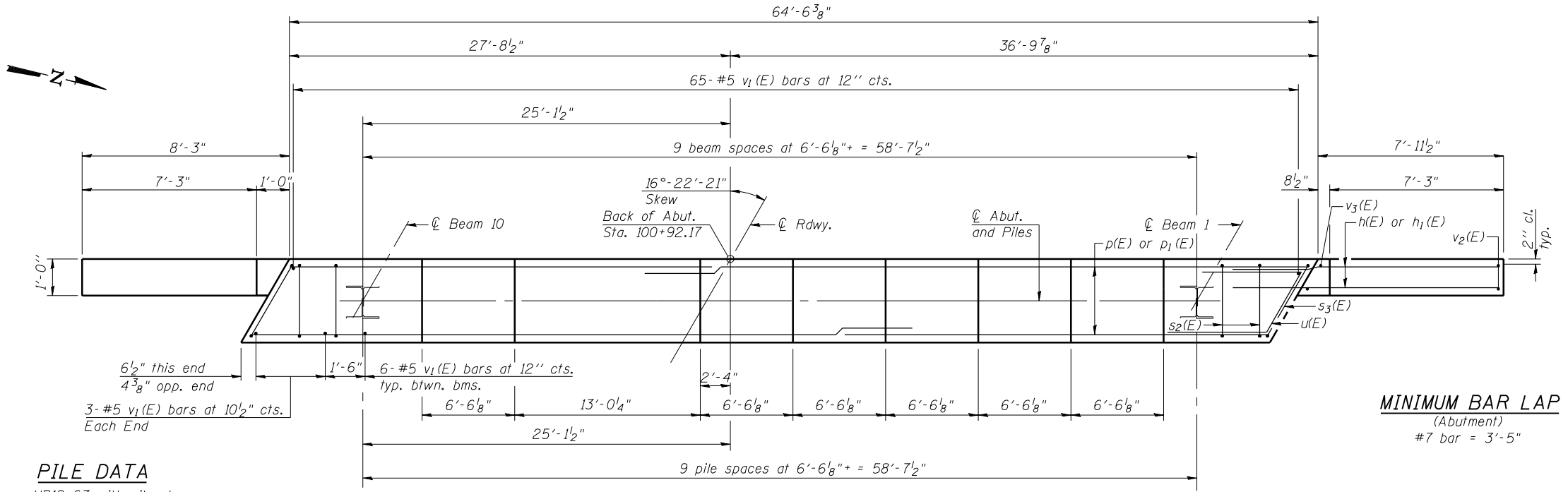
F.A.I. RTE. 57	SECTION (46-3)HBR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 86
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT	



ELEVATION



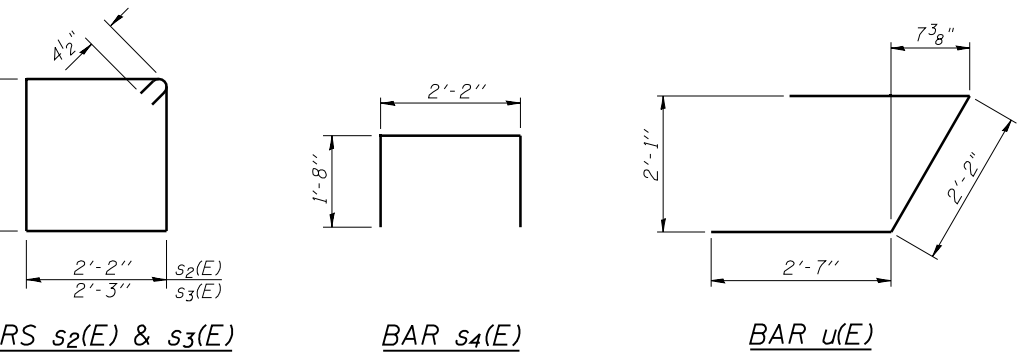
SEC. THRU ABUT.



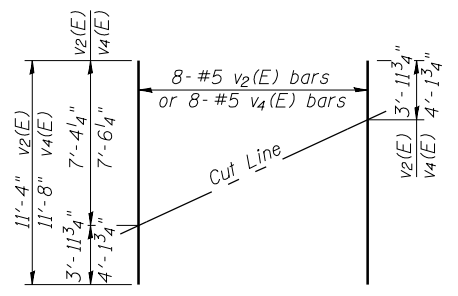
PLAN

PILE DATA
 Type: HP12x63 with pile shoes
 Nominal Required Bearing: 496 kips
 Factored Resistance Available: 248 kips
 Est. Length: 21'
 No. Production Piles: 9
 No. Test Piles: 1

MINIMUM BAR LAP
 (Abutment)
 #7 bar = 3'-5"

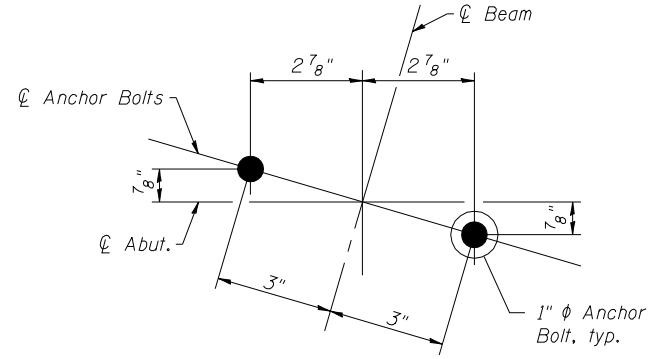


BARS s₂(E) & s₃(E) BAR s₄(E) BAR u(E)



FIELD CUTTING DIAGRAM

Order v₂(E) and v₄(E) full length. Cut as shown and use remainder of bars in opposite face.



ANCHOR BOLT LAYOUT

WEST ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	16	#6	10'-7"	
h ₁ (E)	20	#5	11'-0"	
p(E)	12	#7	25'-9"	
p ₁ (E)	10	#7	41'-10"	
p ₂ (E)	1	#7	51'-2"	
p ₃ (E)	1	#7	51'-9"	
s ₂ (E)	60	#4	11'-5"	□
s ₃ (E)	2	#4	11'-7"	□
s ₄ (E)	52	#4	5'-6"	□
u(E)	9	#6	7'-4"	□
v ₁ (E)	125	#5	4'-4"	
v ₂ (E)	8	#5	11'-4"	
v ₃ (E)	2	#5	7'-4"	
v ₄ (E)	8	#5	11'-8"	
v ₅ (E)	2	#5	7'-6"	
Structure Excavation	Cu. Yd.	189		
Concrete Structures	Cu. Yd.	27.5		
Reinforcement Bars, Epoxy Coated	Pound	3,730		
Furnishing Steel Piles, HP12x63	Foot	189		
Driving Piles	Foot	189		
Test Pile, HP12x63	Each	1		
Concrete Encasement	Cu. Yd.	3.5		
Pile Shoes	Each	10		

Notes:
 Four steps monolithically with cap.
 For details of piles and Concrete Encasement, see sheet 21 of 26.
 Space reinforcement in cap to miss anchor bolts.
 For drainage and backfill details, see sheet 2 of 26.

PRINT DRIVER: LUDWIG...
 SCALE: 1/4" = 1'-0"
 DATE: 10/12/2012



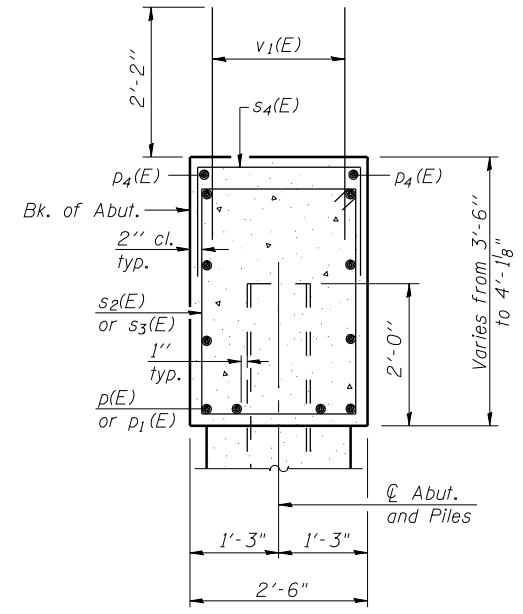
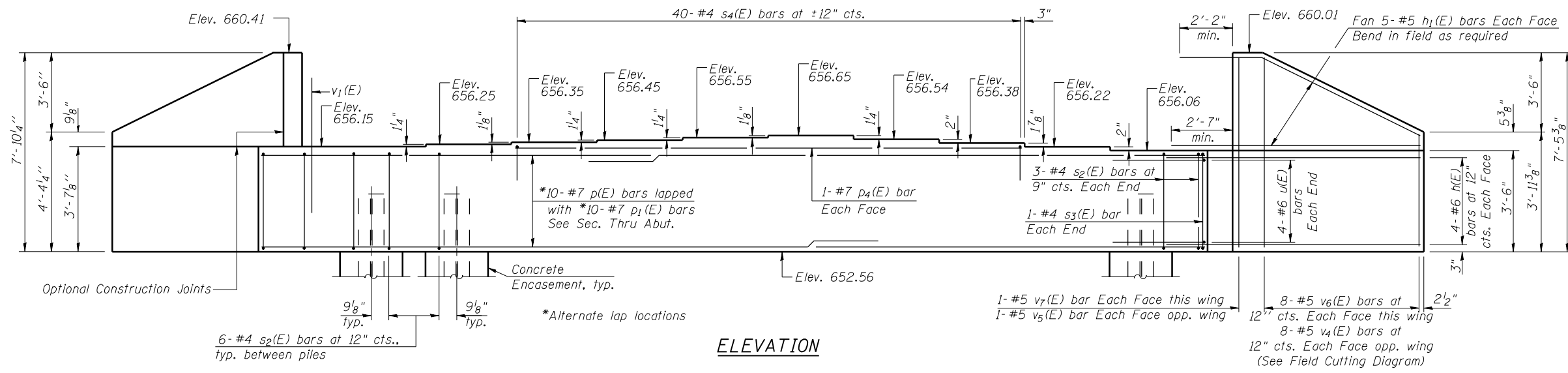
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

WEST ABUTMENT STRUCTURE NO. 046-0139

SHEET NO. 18 OF 26 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	87
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT	

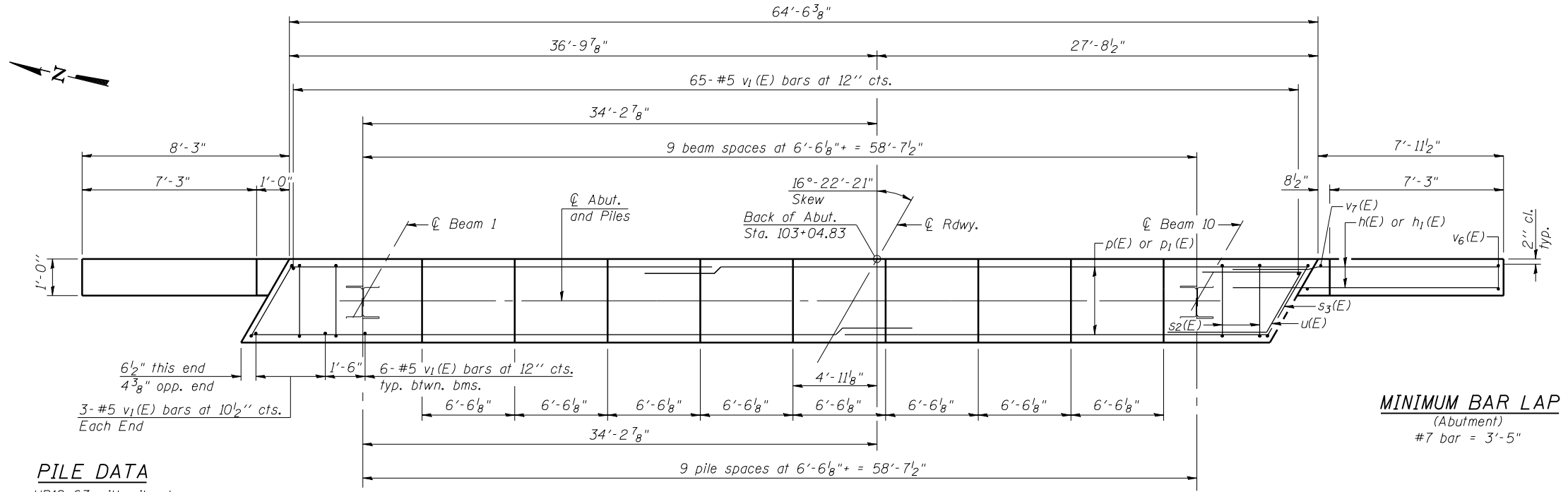


SEC. THRU ABUT.

EAST ABUTMENT
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	16	#6	10'-7"	—
h1(E)	20	#5	11'-0"	—
p(E)	10	#7	25'-9"	—
p1(E)	10	#7	41'-10"	—
p4(E)	2	#7	38'-9"	—
s2(E)	60	#4	11'-5"	□
s3(E)	2	#4	11'-7"	□
s4(E)	40	#4	5'-6"	□
u(E)	8	#6	7'-4"	┘
v1(E)	125	#5	4'-4"	—
v4(E)	8	#5	11'-8"	—
v5(E)	2	#5	7'-6"	—
v6(E)	8	#5	10'-9"	—
v7(E)	2	#5	7'-1"	—
Structure Excavation		Cu. Yd.	181	
Concrete Structures		Cu. Yd.	26.4	
Reinforcement Bars, Epoxy Coated		Pound	3,515	
Furnishing Steel Piles, HP12x63		Foot	207	
Driving Piles		Foot	207	
Test Pile, HP12x63		Each	1	
Concrete Encasement		Cu. Yd.	3.5	
Pile Shoes		Each	10	

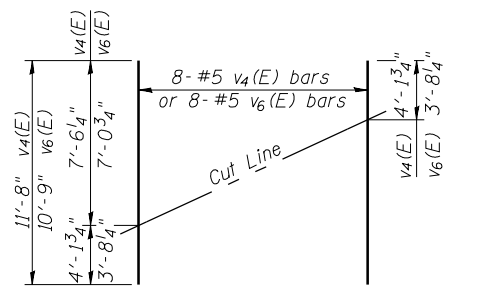
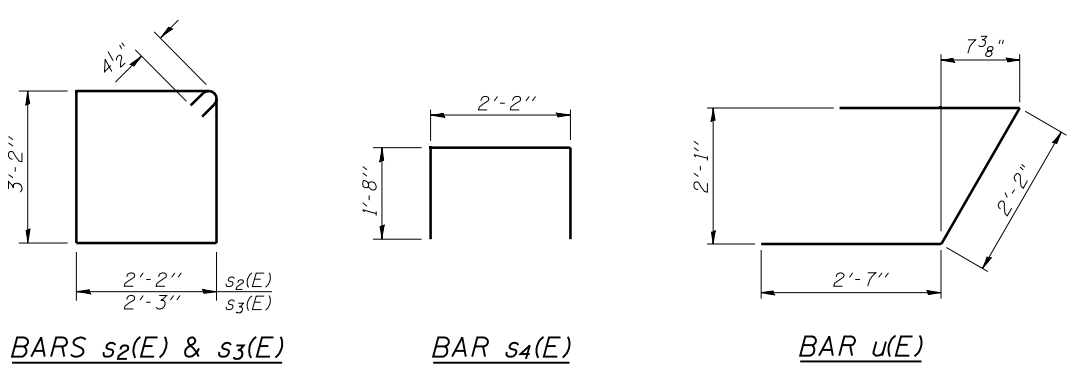
Notes:
 Four steps monolithically with cap.
 For details of piles and Concrete Encasement, see sheet 21 of 26.
 Space reinforcement in cap to miss anchor bolts.
 For drainage and backfill details, see sheet 2 of 26.



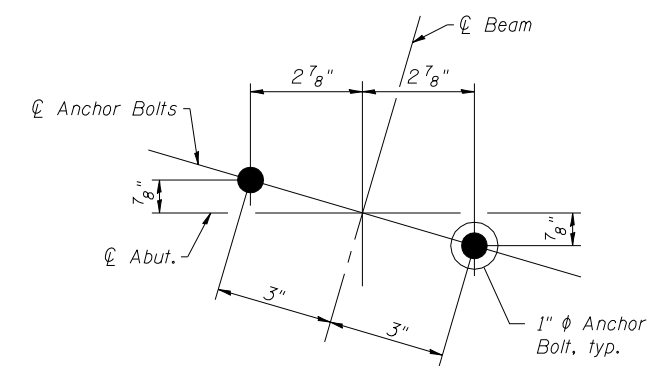
PLAN

MINIMUM BAR LAP
(Abutment)
#7 bar = 3'-5"

PILE DATA
 Type: HP12x63 with pile shoes
 Nominal Required Bearing: 496 kips
 Factored Resistance Available: 248 kips
 Est. Length: 23'
 No. Production Piles: 9
 No. Test Piles: 1



FIELD CUTTING DIAGRAM
 Order v4(E) and v6(E) full length. Cut as shown and use remainder of bars in opposite face.



ANCHOR BOLT LAYOUT

PRINT DRIVER: LUD-ER-BAR-JUL
 SCALE: 1/8" = 1'-0"
 DATE: 9/12/2012



USER NAME = rjt	DESIGNED - MTD 10/11	REVISED -
ESCA PROJECT NO. 040.01	CHECKED - SHL 10/11	REVISED -
PLOT SCALE = 0.2' / IN.	DRAWN - DWH 10/11	REVISED -
PLOT DATE = 9/12/2012 11:19:53 AM	CHECKED - RDP 05/12	REVISED -

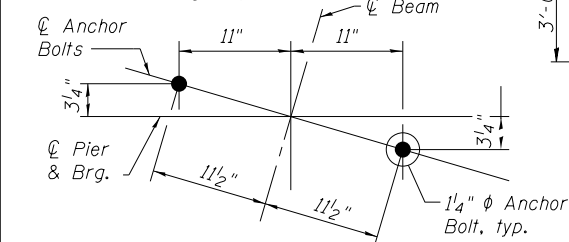
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EAST ABUTMENT
 STRUCTURE NO. 046-0139

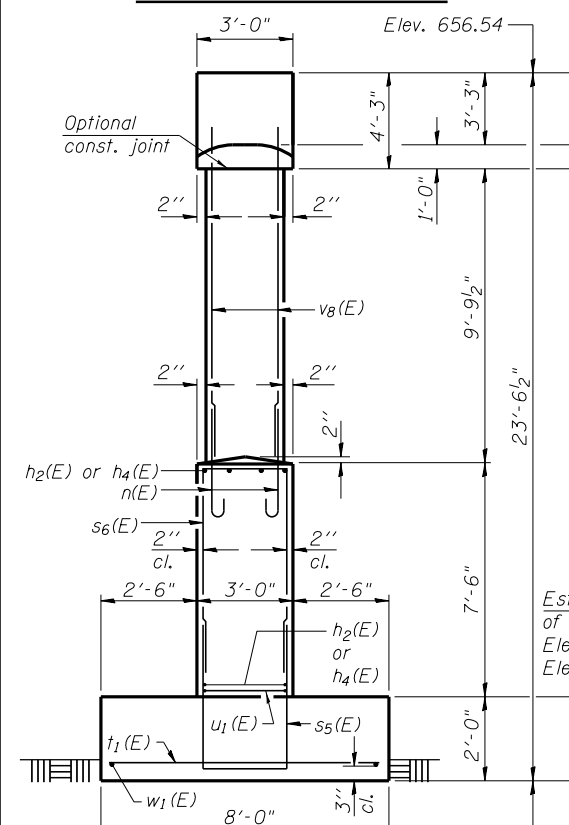
SHEET NO. 19 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	88
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	

Notes:
 Space reinforcement in cap to miss anchor bolts.
 Pour steps monolithically with cap.
 Concrete Sealer shall be applied to all exposed surfaces of the pier.
 The pier footing maximum applied factored bearing pressure (Qmax) = 13.5 ksf.
 Bars indicated thus 11x2-#6 etc. indicates 11 lines of bars with 2 lengths per line.



ANCHOR BOLT LAYOUT



END VIEW

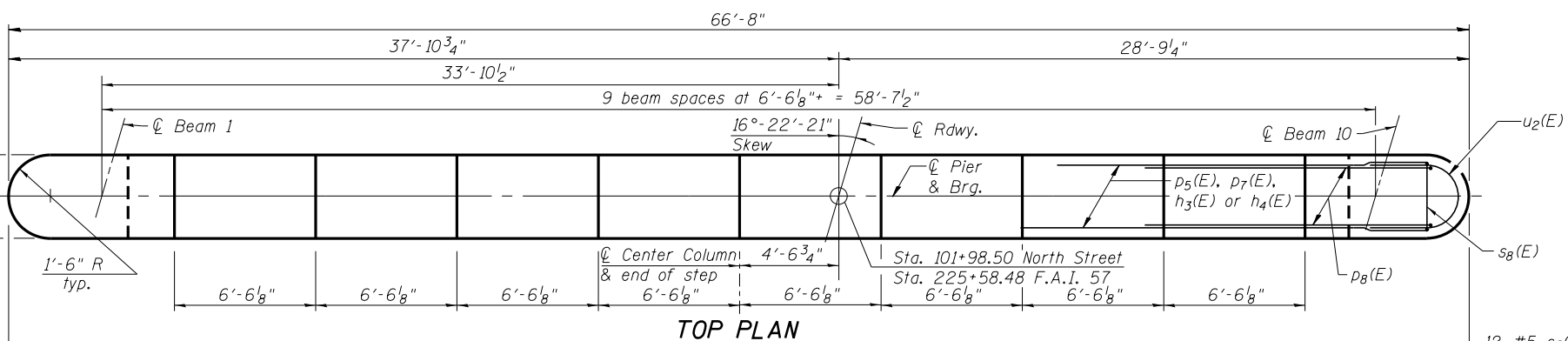
A & B DIMENSIONS

Bar	A	B
s ₅ (E)	2'-8"	6'-0"
s ₆ (E)	2'-8"	5'-0"
s ₇ (E)	2'-8"	1'-8"
s ₈ (E)	2'-8"	3'-2"
u ₁ (E)	2'-6"	2'-2"

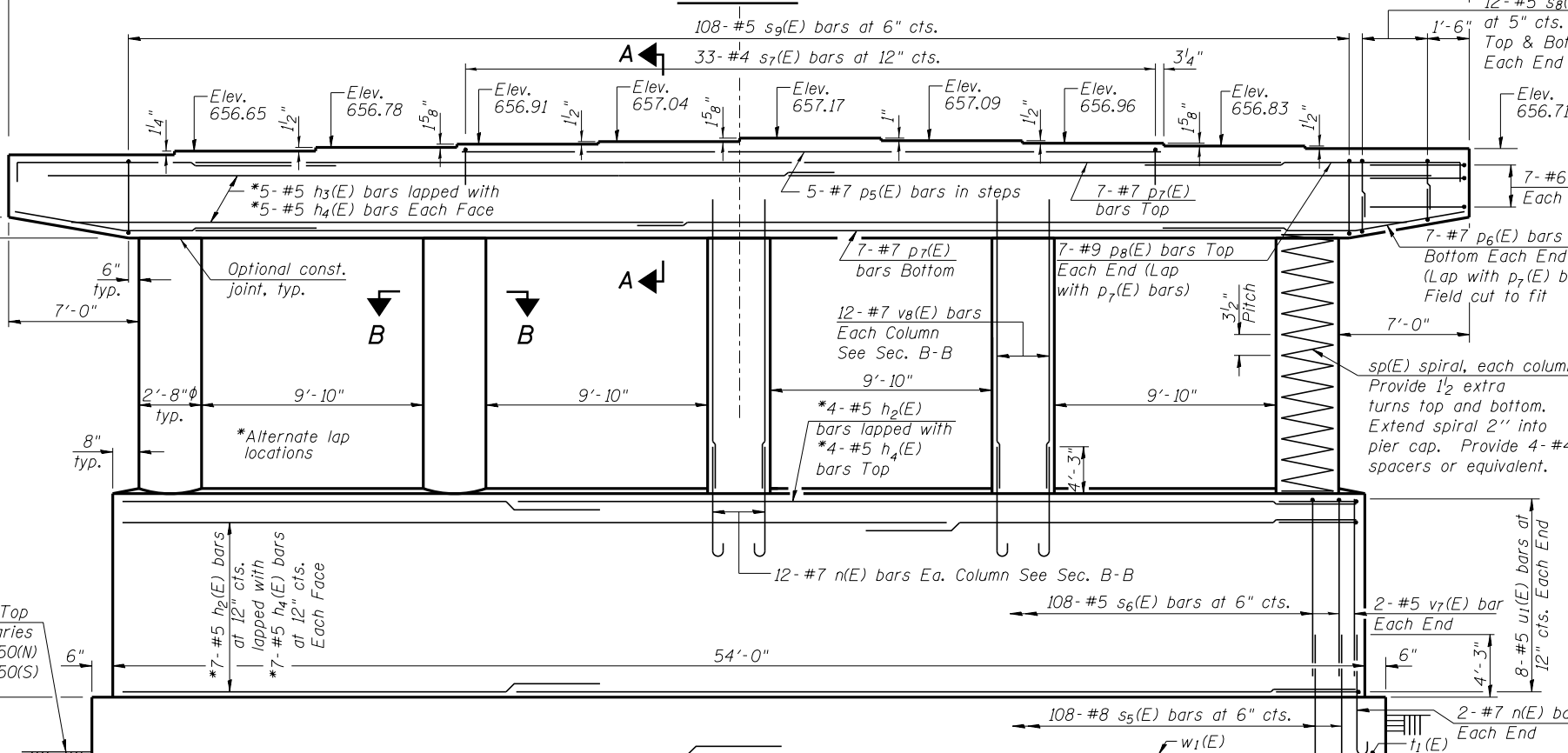
BARS s₅(E) to s₈(E) & BAR u₁(E)

BAR p₈(E)

BAR p₆(E)

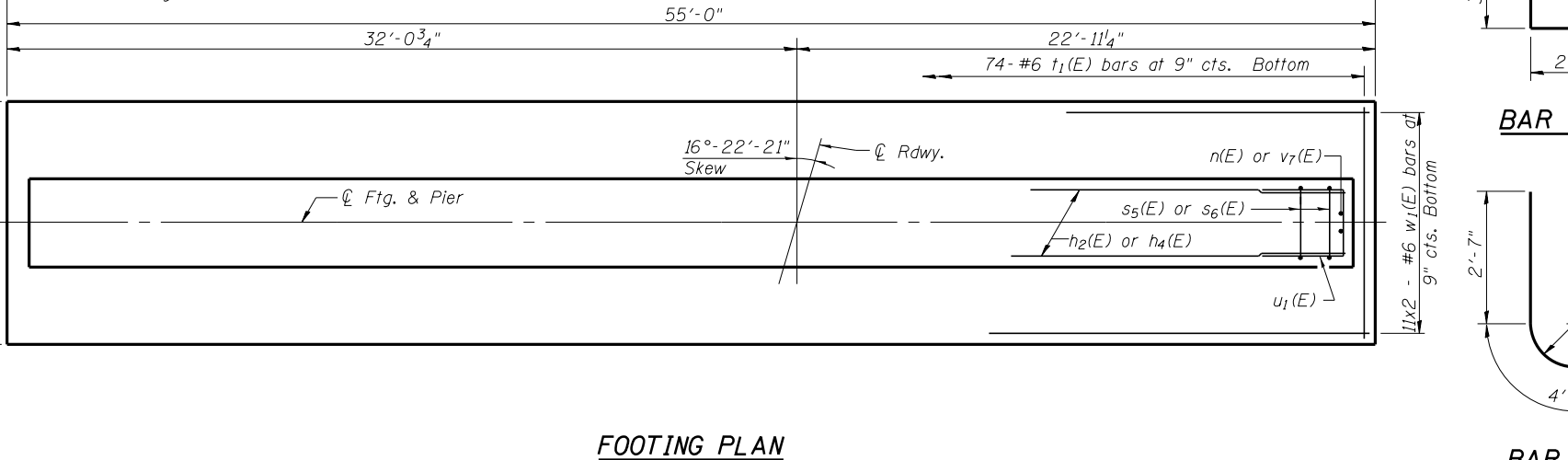


TOP PLAN

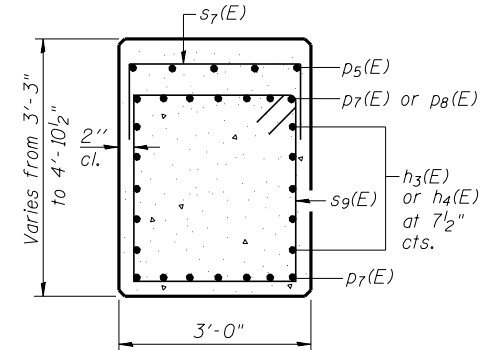


ELEVATION (Looking East)

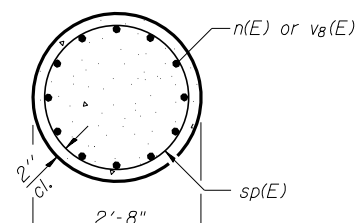
*** The bottom of footing elevation shall be adjusted to ensure a minimum embedment of 6 inches in non-weathered rock. The rock excavation shall be made with near-vertical sides at the plan dimensions to allow the sides and base of the embedded portion of the footing to be cast against undisturbed rock surfaces.



FOOTING PLAN



SEC. A-A



SEC. B-B

MINIMUM BAR LAP

(Pier)
 #5 bar = 2'-10"
 #6 bar = 3'-0"

PIER BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h ₂ (E)	18	#5	20'-6"	—
h ₃ (E)	10	#5	31'-3"	—
h ₄ (E)	28	#5	36'-0"	—
n(E)	64	#7	6'-10"	U
p ₅ (E)	5	#7	32'-2"	—
p ₆ (E)	14	#7	13'-5"	—
p ₇ (E)	14	#7	50'-0"	—
p ₈ (E)	14	#9	16'-7"	—
s ₅ (E)	108	#8	14'-8"	U
s ₆ (E)	108	#5	12'-8"	U
s ₇ (E)	33	#4	6'-0"	U
s ₈ (E)	48	#5	9'-0"	U
s ₉ (E)	108	#5	14'-2"	□
sp(E)	5	#4	10'-0"	W
t ₁ (E)	74	#6	7'-8"	—
u ₁ (E)	16	#5	6'-10"	U
u ₂ (E)	14	#6	9'-4"	U
v ₇ (E)	4	#5	7'-1"	—
v ₈ (E)	60	#7	11'-8"	—
w ₁ (E)	22	#6	28'-10"	—

Structure Excavation	Cu. Yd.	100
Rock Excavation for Structures	Cu. Yd.	13
Concrete Structures	Cu. Yd.	121.9
Reinforcement Bars, Epoxy Coated	Pound	18,030
Concrete Sealer	Sq. Ft.	2,040

** Length is height of spiral.



USER NAME = corcoranm
 ESCA PROJECT NO. 040.01
 PLOT SCALE = 0.2" = 1' / in.
 PLOT DATE = 7/31/2017

DESIGNED - MTD 10/11
 CHECKED - SHL 10/11
 DRAWN - DWH 10/11
 CHECKED - RDP 05/12

REVISED -
 REVISED -
 REVISED -
 REVISED -

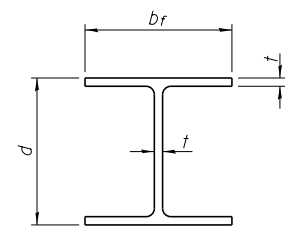
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PIER
 STRUCTURE NO. 046-0139

SHEET NO. 20 OF 26 SHEETS

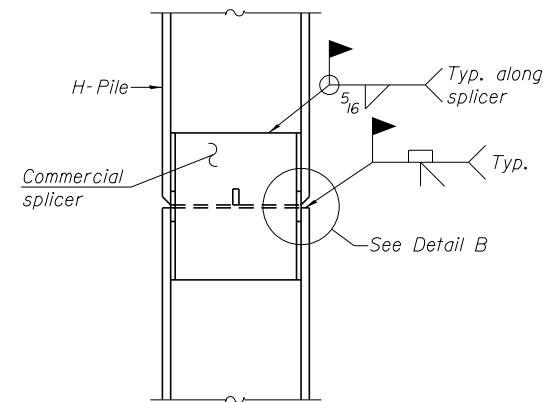
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	89

CONTRACT NO. 66885
 ILLINOIS FED. AID PROJECT

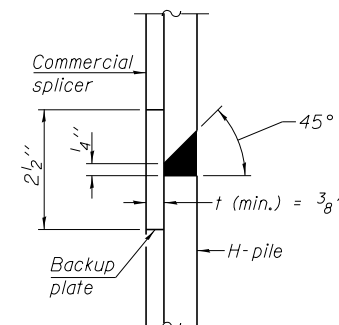


STEEL PILE TABLE

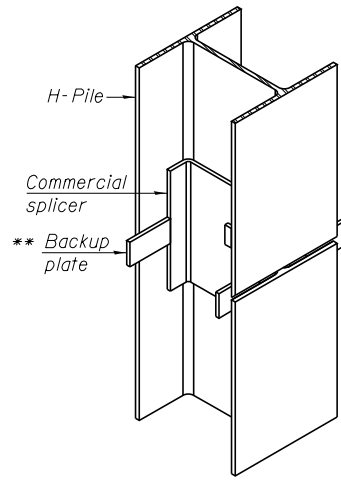
Designation	Depth d	Flange width br	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	13/16"	30"
x102	14"	14 3/4"	1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 5/8"	14 5/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



ELEVATION

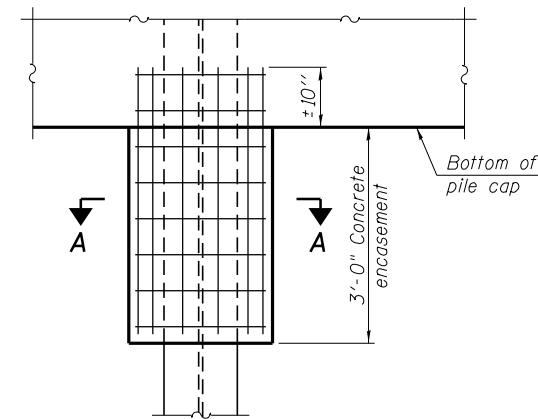


DETAIL "B"



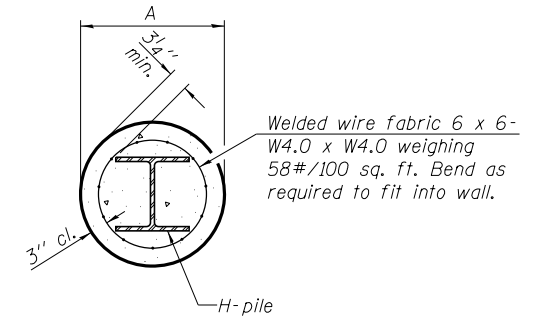
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE



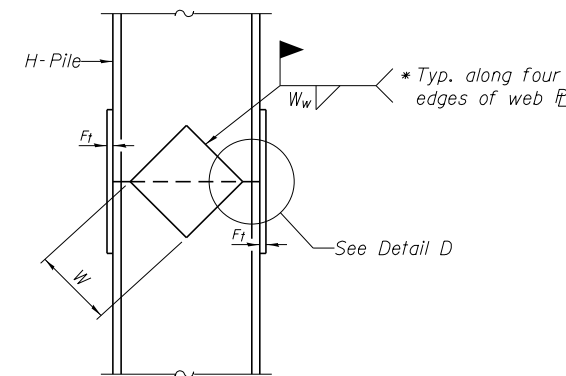
ELEVATION

PILE ENCASEMENT

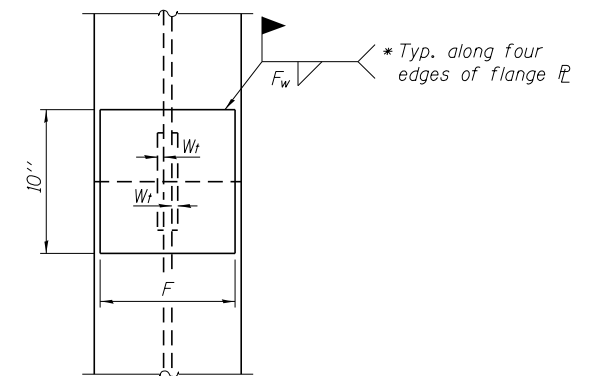


SECTION A-A

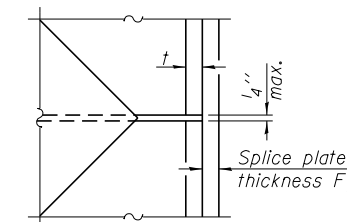
Note:
Forms for encasement may be omitted when soil conditions permit.



ELEVATION



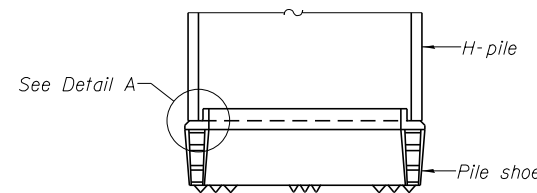
END VIEW



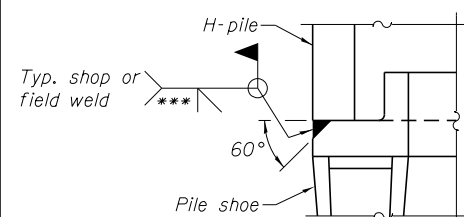
DETAIL D

WELDED PLATE FIELD SPLICE

Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	3/4"	1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	7/8"	1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1/16"	6 1/2"	5/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

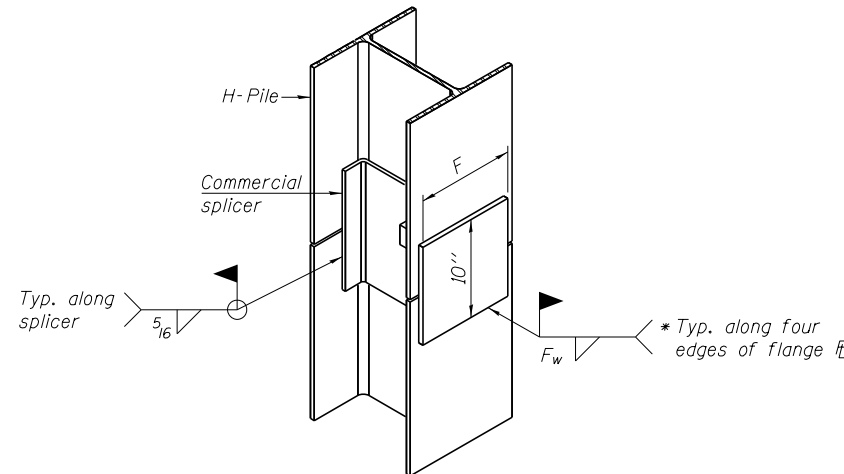


ELEVATION



DETAIL A

H-PILE SHOE ATTACHMENT



ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).

Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.

PRINT DRIVER = BELTWAY
SCALE NAME = PLOT
FILE NAME = 66885-21-HP01.dwg

F-HP 1-27-12



USER NAME = corcoranm
ESCA PROJECT NO. 040.01
PLOT SCALE = 0:2 '1" / in.
PLOT DATE = 7/31/2017 1:23:01 PM

DESIGNED - MTD 10/11
CHECKED - SHL 10/11
DRAWN - DWH 10/11
CHECKED - RDP 05/12

REVISED -
REVISED -
REVISED -
REVISED -

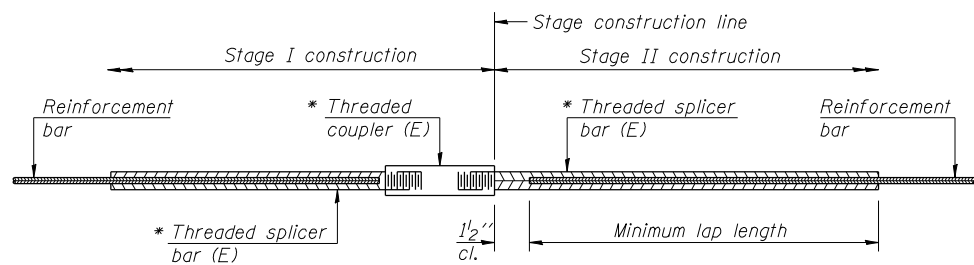
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HP PILE DETAILS
STRUCTURE NO. 046-0139

SHEET NO. 21 OF 26 SHEETS

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	90
CONTRACT NO. 66885				

ILLINOIS FED. AID PROJECT



STANDARD BAR SPLICER ASSEMBLY

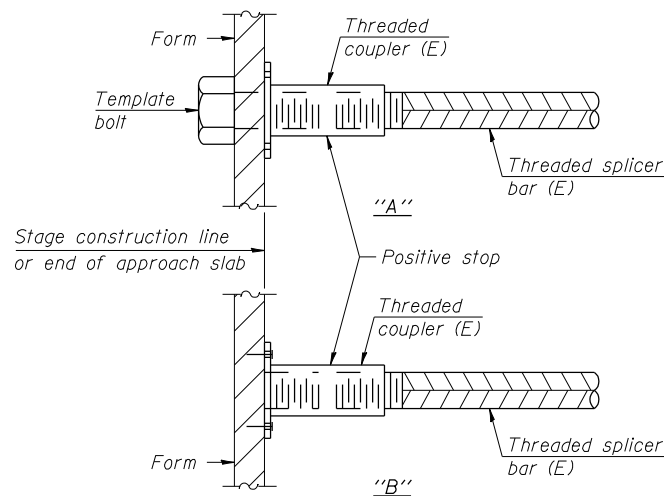
Minimum Lap Lengths						
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-7"	2'-11"
5	1'-9"	2'-5"	2'-7"	2'-11"	3'-3"	3'-8"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-10"	4'-5"
7	2'-9"	3'-10"	4'-2"	4'-8"	5'-2"	5'-10"
8	3'-8"	5'-1"	5'-5"	6'-2"	6'-9"	7'-8"
9	4'-7"	6'-5"	6'-10"	7'-9"	8'-7"	9'-8"

- Table 1: Black bar, 0.8 Class C
- Table 2: Black bar, Top bar lap, 0.8 Class C
- Table 3: Epoxy bar, 0.8 Class C
- Table 4: Epoxy bar, Top bar lap, 0.8 Class C
- Table 5: Epoxy bar, Class C
- Table 6: Epoxy bar, Top bar top, Class C

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

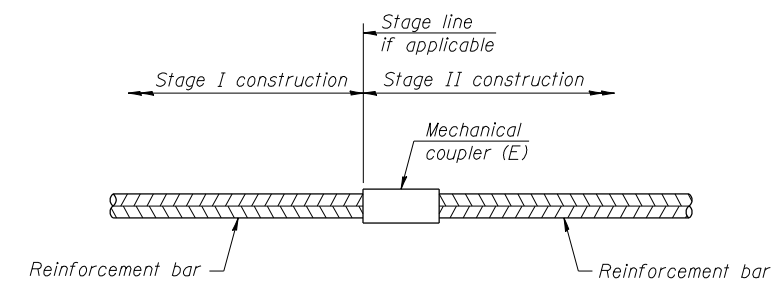
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length



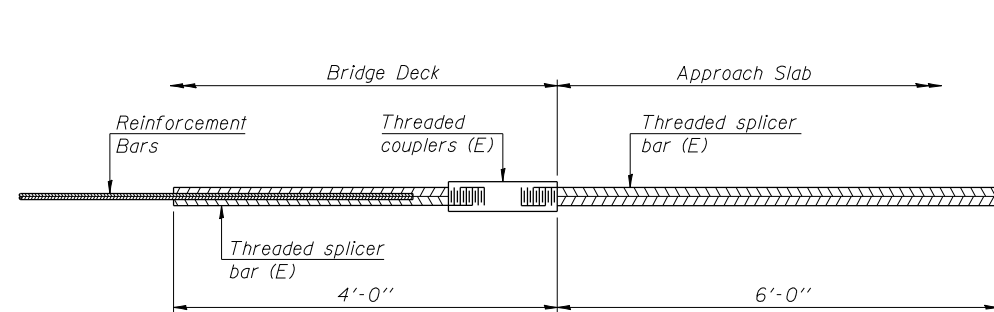
INSTALLATION AND SETTING METHODS

"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.



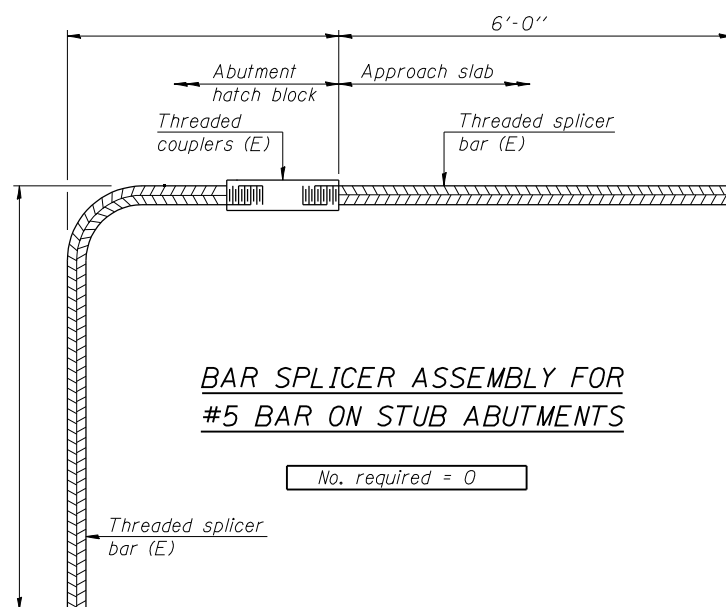
STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #5 BAR ON INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

No. required = 124



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required = 0

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.

PRINT DRIVER = L:\05-ESCA\PLT
 LAYOUT DATE = 9/12/2012
 PLOT SCALE = 1/8" = 1'-0"
 FILE NAME = 05092012-66885-22-Struc-DTL.dwg

BSD-1

1-27-12



USER NAME = rjt	DESIGNED - MTD 10/11	REVISED -
ESCA PROJECT NO. 040.01	CHECKED - SHL 10/11	REVISED -
PLOT SCALE = 1/8" = 1'-0"	DRAWN - DWH 10/11	REVISED -
PLOT DATE = 9/12/2012 11:21:00 AM	CHECKED - RDP 05/12	REVISED -

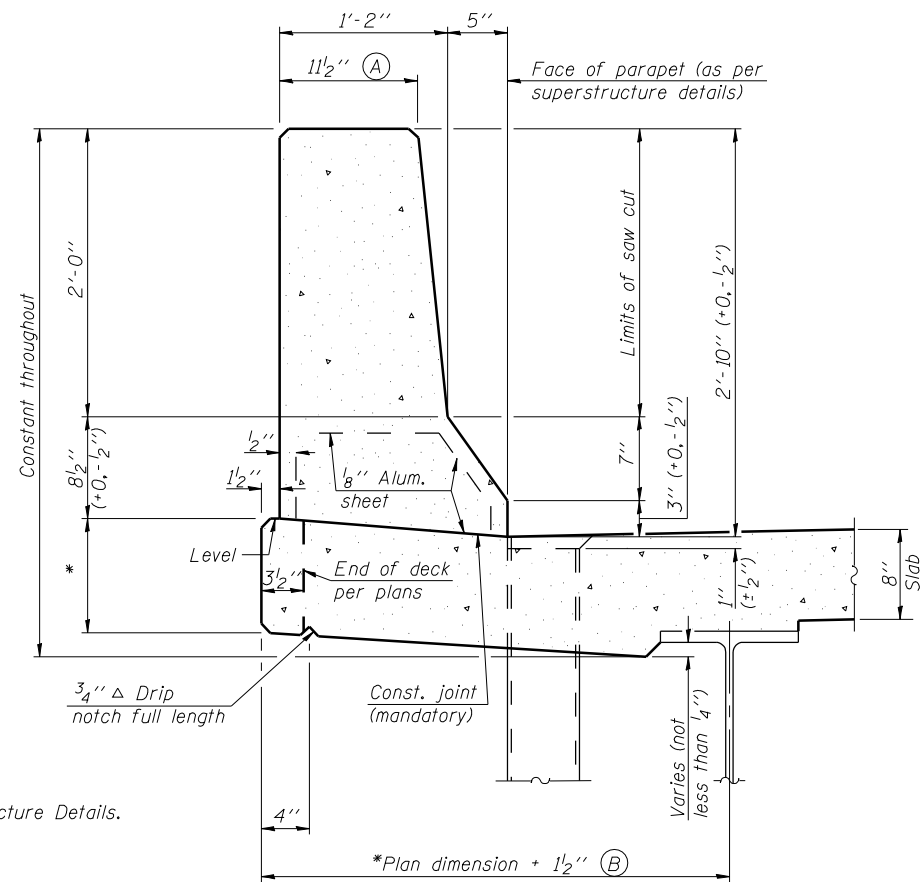
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 046-0139**

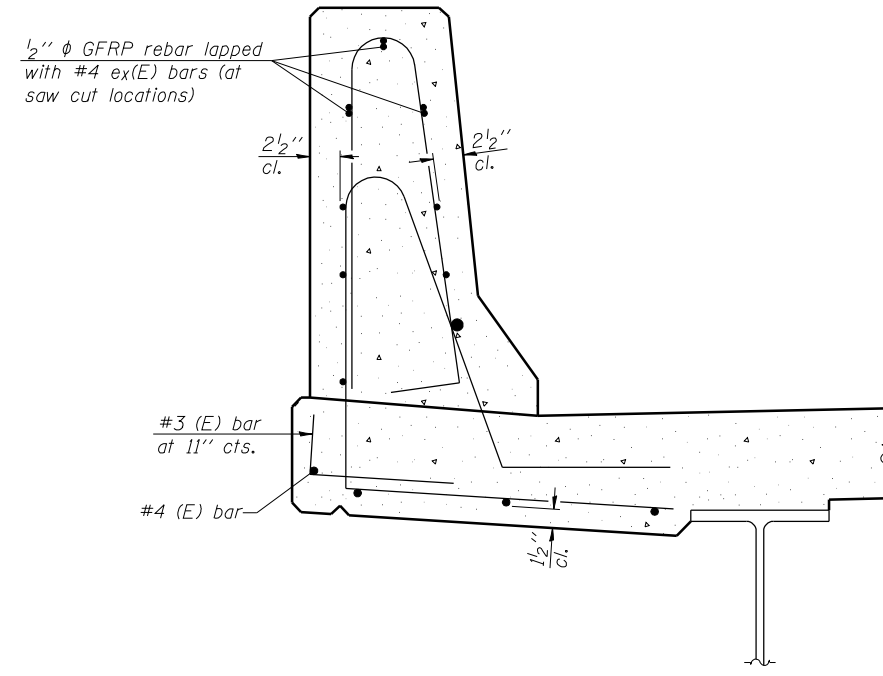
SHEET NO. 22 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	91
CONTRACT NO. 66885				

ILLINOIS FED. AID PROJECT

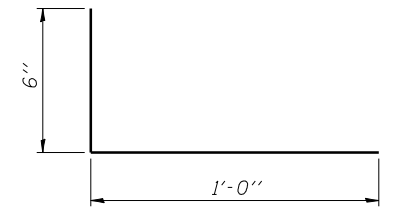


SECTION
(Showing dimensions)

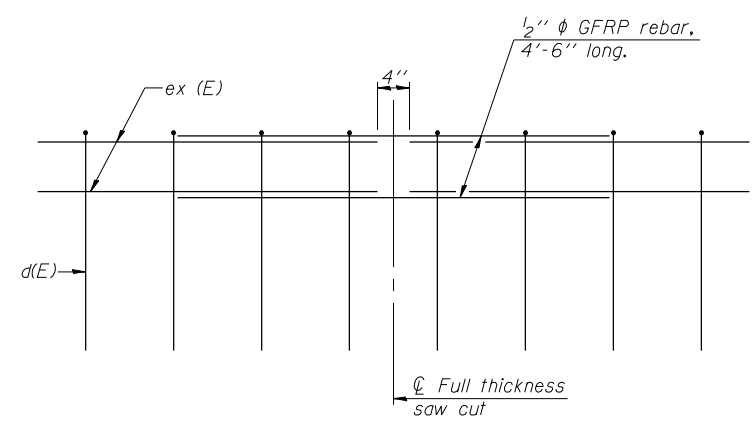


SECTION
(Showing reinforcement clearances for slip forming and additional reinforcement bars)

GENERAL NOTES
 All dimensions shall remain the same as shown on superstructure details, except dimensions A and B which are to be revised as shown to provide additional clearance. Additional concrete needed to revise dimension A and B = 0.0165 cu. yds./ft. of parapet.
 Place aluminum sheet in curb portion at and near piers. Full thickness saw cut at all joint locations in lieu of cork joint filler.
 Steel superstructure shown. Other superstructure types similar.



#3 (E) BAR



GFRP REBAR STIFFENING DETAIL
(Place as shown in parapet section at each parapet joint location.)

PRINT DRIVER = L:\D-E\B\A\H
 FILE NAME = PLOT
 SCALE NAME =
 FILE NAME = C:\PROG\ESB\ESB23\Com\PrintJob.dwg

SFP-34

1-27-12



USER NAME = rjt	DESIGNED - MTD 10/11	REVISED -
ESCA PROJECT NO. 040.01	CHECKED - SHL 10/11	REVISED -
PLOT SCALE = 0:2' = 1" IN.	DRAWN - DWH 10/11	REVISED -
PLOT DATE = 9/12/2012 11:21:22 AM	CHECKED - RDP 05/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONCRETE PARAPET SLIPFORMING OPTION
STRUCTURE NO. 046-0139**

SHEET NO. 23 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	92
			CONTRACT NO. 66885	
ILLINOIS FED. AID PROJECT				



Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 1 of 1

Date 6/29/07

ROUTE FAU 6177 (North Street) DESCRIPTION North Street over I-57 LOGGED BY Larry Myers

SECTION 46-2(1)HB LOCATION SE 1/4, SEC. 21, TWP. 31N, RNG. 12E

COUNTY Kankakee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	Station	DEPTH	BLOW	UCS	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
046-0088	225+59.91	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft
Augered, black, Silty Clay Loam-fill											
	636.69		3								
Stiff, brown, Clay Loam											
	635.69		3	2.0	26.6						
Brown, medium, fine to medium, Sand with some Silt											
	634.69		6	P							
Tan, Dolomite											
			51								
Auger refusal at 5.5'											
	633.19		100/1'		7.7						
End of Boring											

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

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 1 of 1

Date 7/12/07

ROUTE FAU 6177 (North Street) DESCRIPTION North Street over I-57 LOGGED BY Larry Myers

SECTION 46-2(1)HB LOCATION SE 1/4, SEC. 21, TWP. 31N, RNG. 12E

COUNTY Kankakee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	Station	DEPTH	BLOW	UCS	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
046-0088	225+59.91	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft
Augered, Bituminous Pavement over black gray, Silty Clay Loam-fill											
	655.79		4								
Very stiff, gray and black, Silty Clay Loam to Silty Clay- fill with scattered pieces of Dolomite											
			4	3.0	20.4						
Tan, Dolomite											
			3								
			4	3.0	20.4						
End of Boring											
			2								
			5	2.8	20.2						
			4	P							
			3								
			7	3.0	19.5						
			4	P							
			3								
			7	3.5	20.3						
			6	P							
			2								
			4	2.0	20.1						
			5	P							
			5								
			4	3.0	16.1						
			5	P							
			2								

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

BBS, from 137 (Rev. 8-99)

PRINT DRIVER: L:\05-08-07\100-ESCA\100-ESCA-001\100-ESCA-001-001.dwg



USER NAME = rjt	DESIGNED - MTD 10/11	REVISED -
ESCA PROJECT NO. 040.01	CHECKED - SHL 10/11	REVISED -
PLOT SCALE = 0.2" = 1' IN.	DRAWN - DWH 10/11	REVISED -
PLOT DATE = 9/12/2012 11:21:53 AM	CHECKED - RDP 05/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 046-0139

SHEET NO. 24 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	93
CONTRACT NO. 66885				
ILLINOIS FED. AID PROJECT				



Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Date 7/12/07

ROUTE FAU 6177 (North Street) DESCRIPTION North Street over I-57 LOGGED BY Larry Myers

SECTION 46-2(1)HB LOCATION SE 1/4, SEC. 21, TWP. 31N, RNG. 12E

COUNTY Kankakee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 046-0088
Station 225+59.91
BORING NO. #3: W Abut
Station 100+78.5
Offset 6.00ft Lt.
Ground Surface Elev. 657.80 ft

DEPTH (ft)	SOIL DESCRIPTION	DEPT (ft)	BLOW (blows/ft)	UCS (tsf)	MOISTURE (%)	DEPTH (ft)	DEPT (ft)	BLOW (blows/ft)	UCS (tsf)	MOISTURE (%)
637.30	Augered. Bituminous Pavemen, white, Gravel subbase, black gray, Silty Clay to Silty Clay Loam- fill	17				637.30	17			
635.80	Hard, black to dark gray, Silty Clay to Silty Clay Loam	5	4.0	22.6		635.80	5	4.0	22.6	
634.30	Tan, Dolomite, weathered and reworked at surface	14				634.30	14			
634.30	End of Boring	100				634.30	100			
655.80	Very stiff, black gray, Silty Clay to Silty Clay Loam- fill with pieces of Dolomite Gravel	3	2.5	25.1		655.80	3	2.5	25.1	
652.31		3	P			652.31	3	P		
		2					2			
-5		3	2.5	25.9		-5	3	2.5	25.9	
		5	P				5	P		
		4	2.5	22.4			4	2.5	22.4	
		5	P				5	P		
-10		2				-10	2			
		5	2.8	23.2			5	2.8	23.2	
		6	P				6	P		
		2					2			
		6	3.5	18.6			6	3.5	18.6	
		8	P				8	P		
-15		3				-15	3			
		5	3.5	16.5			5	3.5	16.5	
		8	P				8	P		
		5					5			
		7	3.5	18.1			7	3.5	18.1	
		10	P				10	P		
-20		14				-20	14			

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

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Date 8/8/07

ROUTE FAU 6177 (North Street) DESCRIPTION North Street over I-57 LOGGED BY Larry Myers

SECTION 46-2(1)HB LOCATION SE 1/4, SEC. 21, TWP. 31N, RNG. 12E

COUNTY Kankakee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 046-0088
Station 225+59.91
BORING NO. #4: Pier
Station 101+98.5
Offset 20.00ft Rt.
Ground Surface Elev. 638.59 ft

DEPTH (ft)	SOIL DESCRIPTION	DEPT (ft)	BLOW (blows/ft)	UCS (tsf)	MOISTURE (%)
638.59	Augered. black, Silty Clay Loam- fill				
636.59	Stiff, brown, Clay Loam				
635.59	Brown, medium, fine to medium, Sand with some Silt				
633.59	Borehole continued with rock coring.				

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

BBS, from 137 (Rev. 8-99)

PRINT DRIVER: LUD-ER-BA-11
SCALE: 1" = 10'
DATE: 7/12/07
FILE NAME: C:\ESCA\66885\25-5011.dwg



USER NAME = rjt	DESIGNED - MTD 10/11	REVISED -
ESCA PROJECT NO. 040.01	CHECKED - SHL 10/11	REVISED -
PLOT SCALE = 0.2" = 1' IN.	DRAWN - DWH 10/11	REVISED -
PLOT DATE = 9/12/2012 11:22:15 AM	CHECKED - RDP 05/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 046-0139

SHEET NO. 25 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	94
CONTRACT NO. 66885				
ILLINOIS FED. AID PROJECT				



Illinois Department of Transportation
Division of Highways
District #3, Ottawa

ROCK CORE LOG

Date 8/8/07

ROUTE FAU 6177 (North Street) DESCRIPTION North Street over I-57 LOGGED BY Larry Myers

SECTION 46-2(1)HB LOCATION SE 1/4, SEC. 21, TWP. 31N, RNG. 12E

COUNTY Kankakee CORING METHOD Water Rotary

STRUCT. NO. 046-0088 CORING BARREL TYPE & SIZE 5'- Dbl Barrel
Station 225+59.91

BORING NO. #4: Pier Core Diameter 2 in
Station 101+98.5 Top of Rock Elev. 633.59 ft
Offset 20.00ft Rt. Begin Core Elev. 633.59 ft
Ground Surface Elev. 638.59 ft

DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)	DESCRIPTION
633.59	1	100	0	0.8		Buff, oxidized, Dolomite, contains many weathered, fractures and joints (<2"). Vertical joints with secondary calcification present. Oxidation lessens, joint spacing increases and little to no joint weathering after 8.5'. Dolomite- "A", open joints (2), RMR- 22, Class IV- poor
623.59	2	100	0	1.8		
623.59	3	100	9	2.6	429.8	Buff, Dolomite, minor oxidation along joints and angular fractures (ave 4" spacing), few to none are vertical. Dolomite- "A", open joints (3), RMR- 40, Class IV- poor
618.59						End of Boring

Color pictures of the cores Yes
Cores will be stored for examination until Completion
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)



Compressive Strength Test for Cores

Structure # or Location North Street Bridge
Description Silurian Dolomite Rock Core
Date Cored 8/8/2007
Date Tested 8/28/2007
Diameter of Core Barrel 2"

Core Location Description Boring #4. I-57 median, S side of bridge.

Specimen Description Samples were taken from a depth of 19.2-20'. Two cores were tested.

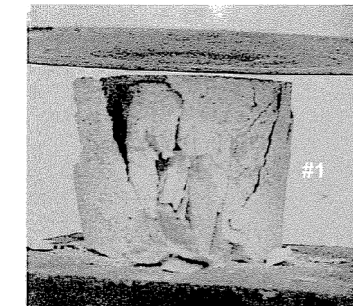
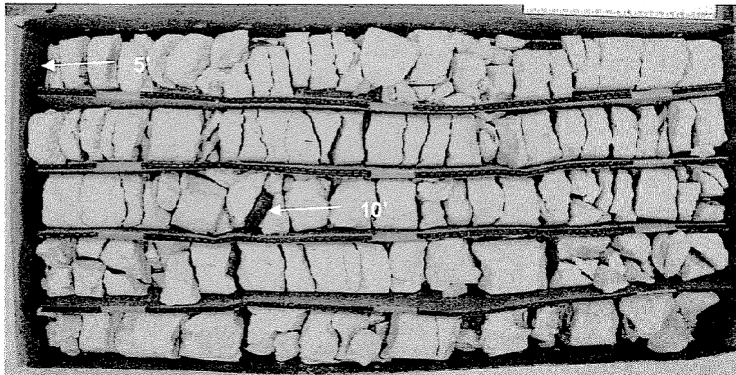
Diameter (in)	Surface Area (in ²)	Height (in)	Length to Diameter Ratio (L/D)	Dial Reading at Failure (x 1000 lbs)	Surface Area Corrected Load (psi)	L/D Correction Factor	L/D Corrected Load (psi)	Final Strength (psi)
2.04	3.26851	2.2	1.078431373	21	6424.940033	0.89	5718.197	5720
2.04	3.26851	4	1.960784314	19.5	5966.015745	1	5966.016	5970

Type of Fracture 1- Columnar, 2- Shear

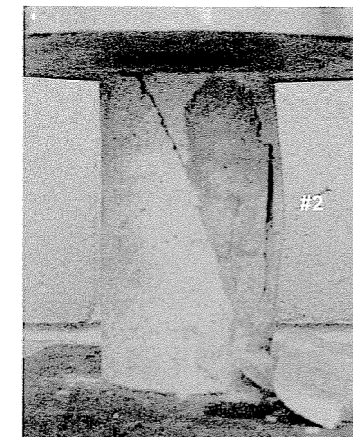
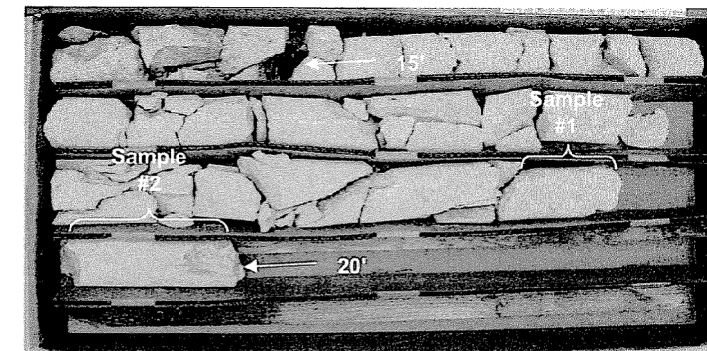
L/D	1.75	1.50	1.25	1.00
Factors	0.98	0.96	0.93	0.87

Use interpolation to determine correction factors for L/D values between those given in the table.

$$5970 \text{ lbs/in}^2 \times \frac{1.44 \text{ in}^2}{4 \text{ in}^2} = 859,680 \text{ lbs/ft}^2 / 2000 \text{ lbs/ton} = 429.84 \text{ tons/ft}^2$$



Type - A
Joint Space = 2
RMR = 22



Type - A
Joints = 3
RMR = 40

PRINT DRIVER: L:\ESCA\BBS\BBS-26-5011.dwg
SCALE: 1/8" = 1'-0"
PLOT DATE: 9/12/2012 11:22:37 AM



USER NAME = rjt	DESIGNED - MTD 10/11	REVISED -
ESCA PROJECT NO. 040.01	CHECKED - SHL 10/11	REVISED -
PLOT SCALE = 0.2" = 1'-0"	DRAWN - DWH 10/11	REVISED -
PLOT DATE = 9/12/2012 11:22:37 AM	CHECKED - RDP 05/12	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS STRUCTURE NO. 046-0139

SHEET NO. 26 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	95
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	12	COUNTY	KANKAKEE	TOTAL SHEETS	126	SHEET NO.	57
STA.							
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT							

BILL OF MATERIAL*				
ITEM		SUPER	SUB	TOTAL
Class X Concrete (Structures)	Cu. Yds	1640	1856	3496
Reinforcement Bars (Structures)	Lbs.	29,381	18,567	47,948
Structural Steel	Lbs.	141,997	—	141,997
Metal Handrail	Lin. Ft.	436	—	436
Name Plates	Each	—	2	2
Slope Wall	Sq. Yds.	—	320	320
Class A Excavation for Structures	Cu. Yds.	—	157	157
Crested Piles 0' to 20'	Lin. Ft.	—	76	76
Steel Piles, 10BP42	Lin. Ft.	—	136	136
Test Piles	Each	—	2	2

SHEET INDEX	
SHEET NO.	TITLE
57	INDEX AND BILL OF MATERIAL
58	GENERAL PLAN AND ELEVATION
59	SUPERSTRUCTURE SLAB PLAN
60	STRUCTURAL STEEL
61	METAL HANDRAIL
62	PIERS NO. 1 & 3 (EXPANSION)
63	PIER NO. 2 (FIXED)
63A	ABUTMENTS
63B	BORING DATA

*Note:
The following quantities are listed with roadway plans: Borrow Excavation; Type B Gutter, Special; Pipe Culverts; Riprap; and Class X Concrete & Reinforcement Bars for the headwalls.

GENERAL LEGEND

- ① Elevation Marker
- ② Section Marker - the letter identifies the section and the number refers to the sheet on which the section is detailed.
- ③ Detail Identification Symbol - the letter identifies the section and the number refers to the sheet on which the section is located.
- ④ Girder Identification Symbol

DESIGN NOTES

SPECIFICATIONS
Design: Standard Specifications for Highway Bridges of A.A.S.H.O.
Construction: Standard Specifications for Road and Bridge Construction adopted January 2, 1958.

DESIGN STRESSES
 $f_c = 3500$ psi - Super.
 $f_c = 1400$ psi - Sub.
 $f_c = 1000$ psi - Sub (with earth pressure)
 $f_s = 20,000$ psi - (reinforcement)
 $f_s = 18,000$ psi - (structural steel)
 $v = 75$ psi - pier footing
 $n = 10$
 Max. Soil Press = 4.5 T/ft².

LOADING
 H15-S12-44
 Future wearing surface - 18 psf.

GENERAL NOTES

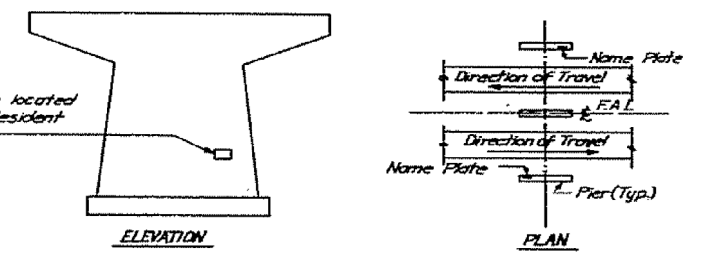
Class X Concrete shall be used throughout.
 The concrete floor slabs shall be finished in accordance with Article 51.19 of the Standard Specification.
 Minimum lap for all bar splices shall be 20 diameters unless otherwise noted.
 Slope walls shall be reinforced with welded wire fabric 6" x 6" mesh, No. 4 wires, weighing 58 lbs. per 100 sq. ft.

All rivets shall be $\frac{3}{4}$ " ϕ and open holes $1\frac{1}{4}$ " ϕ unless otherwise noted.
 Field connections shall be riveted except as otherwise noted or specified.
 All rockers, bearing plates, lead plates, pintles and anchor bolts shall be fabricated and set in accordance with Article 51.15 of the Standard Specifications and are included in quantity of Structural Steel.
 Where bolted field connections are specified, bolts shall be $\frac{3}{4}$ " machine bolts with conical lock nuts or equal. Anchor bolts shall be set before riveting diaphragms over supports.
 Cover plates and all stringers to which they are attached shall be structural steel conforming to ASTM A-373.

Except as otherwise provided all Structural Steel and handrails shall receive one shop coat of red lead paint and two field coats of aluminum paint. See Articles 56.1 to 56.5 inclusive of the Standard Specifications.

The Contractor shall drive 2 test piles in permanent locations as noted and directed by the Engineer before ordering the remainder of the piles (one steel pile at each abutment).

The following bridge drawings are not to scale and should not be used for scaling purposes.



NAME PLATE LOCATION

STATION 225+59.91
 BUILT 19 BY
 STATE OF ILLINOIS
 F.A.I. RT. 57 SEC. 46-2(1)H8
 F.A. PROJ. 1-57-6(7)
 LOADING H15-S12

LETTERING FOR NAME PLATE
 See Standard 2113

DESIGNED	_____	EXAMINED	_____
CHECKED	_____	ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES	_____
DRAWN	<i>my</i>	PASSED	_____
CHECKED	<i>LJL</i>	ENGINEER OF DESIGN	_____
		APPROVED	_____
		CHIEF HIGHWAY ENGINEER	_____

ILLINOIS DIVISION OF HIGHWAYS
 PROJECT 1-57-6(7)315
 STRUCTURES
 INDEX AND BILL OF MATERIAL
 F.A.I. RT. 57 SEC. 46-2(1)H8
 KANKAKEE COUNTY
 STRUCTURE NO. 12
 STATION 225+59.91

PRINT DRIVER: LEO E. BARON
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 9/12/2012 11:23:48 AM



USER NAME = rjt	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 840.01	DRAWN - RJT	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012 11:23:48 AM	DATE - 06/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS - FOR INFORMATION ONLY
 STRUCTURE NO. 046-0088
 SCALE: SHEET NO. 1 OF 9 SHEETS STA. TO STA.

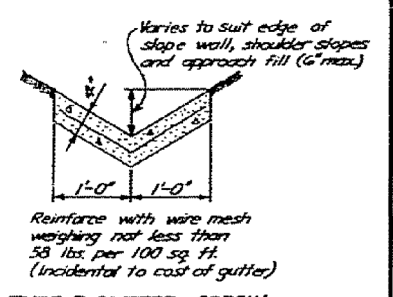
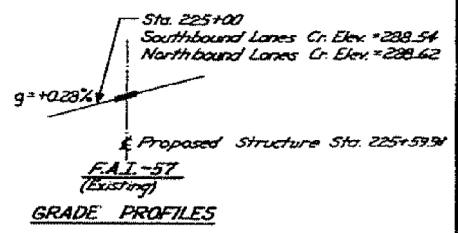
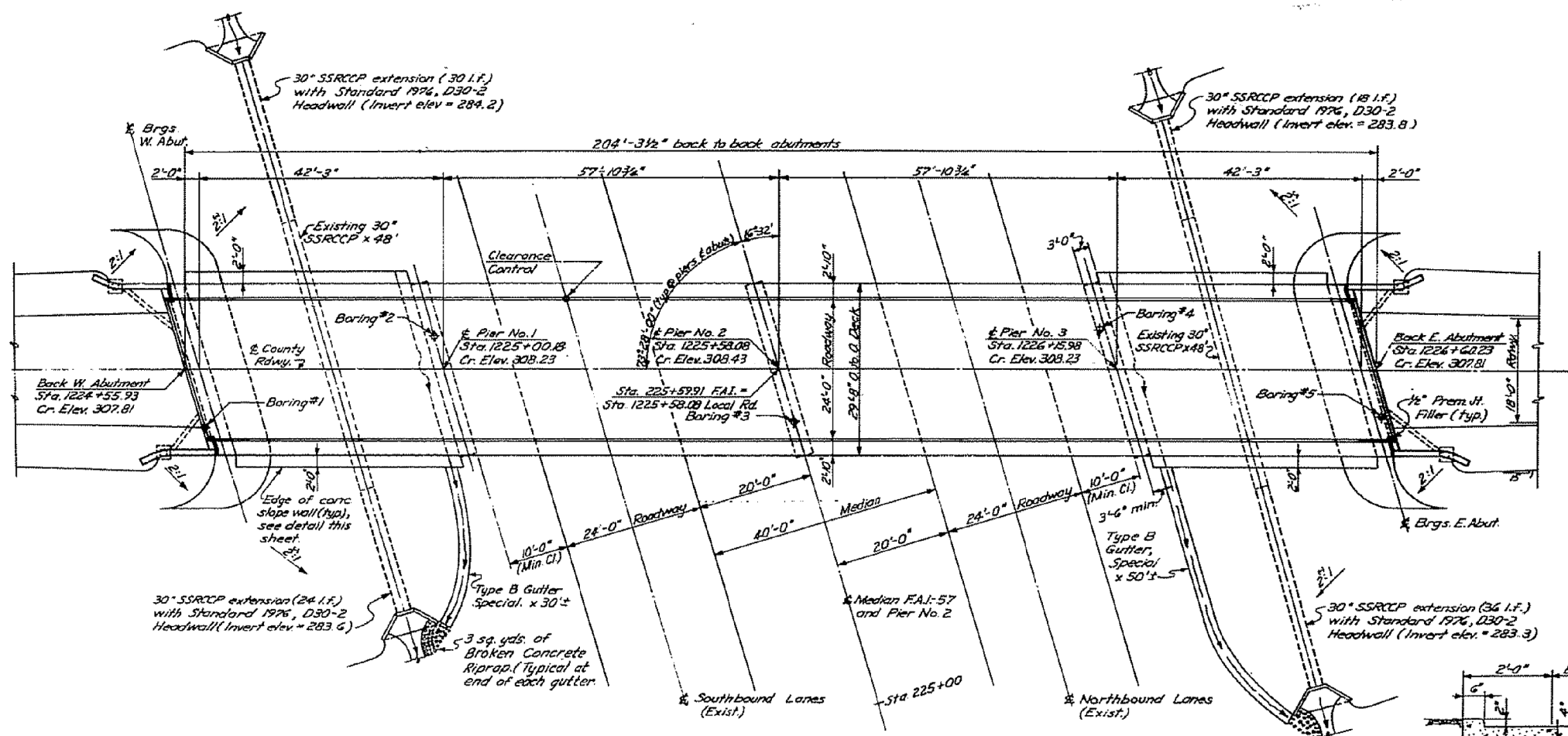
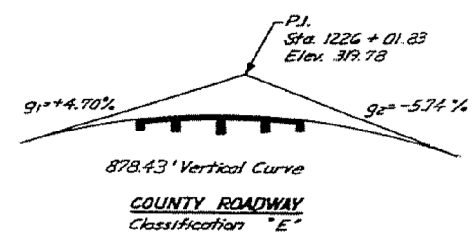
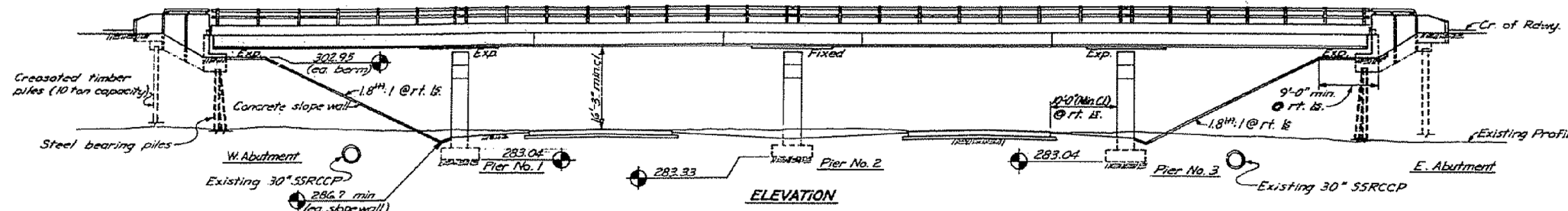
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	96
CONTRACT NO. 66885				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
57	46	KANKAKEE	126	58
STA.	F.A.I. PROJECT			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

Bench Mark Data:
B.M. #3A - "X" in top of Hdwl. 10' Lt
& F.A.I.-57 Sta 228+00 - Elev. 283.42

No existing structure.



TYPE B GUTTER, SPECIAL
Note:
Gutter to be constructed after grading of F.A.I.-57 to suit ground conditions in the field.

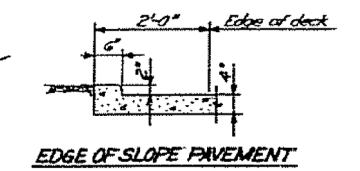
BILL OF MATERIAL

Item	Unit	Quantity
Slope Wall	Sq. Yds.	320

ILLINOIS DIVISION OF HIGHWAYS
GENERAL PLAN AND ELEVATION
F.A.I. RT. 57 SEC. 46-2(U)115
KANKAKEE COUNTY
STRUCTURE NO. 12
STATION 225+59.91

DESIGNED	LJL	EXAMINED	
CHECKED	KJH	ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES	
DRAWN	L5	PASSED	
CHECKED	LJL	ENGINEER OF DESIGN	
		APPROVED	
		CHIEF HIGHWAY ENGINEER	

PLAN
Note: See Sht. 638 for soil boring data



PLANS FOR STRUCTURES EXAMINED JUNE 16, 1960
V. M. Rossmore
ENGINEER OF BRIDGE & TRAFFIC STRUCTURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS - FOR INFORMATION ONLY
STRUCTURE NO. 046-0088

SCALE: SHEET NO. 2 OF 9 SHEETS STA. TO STA.

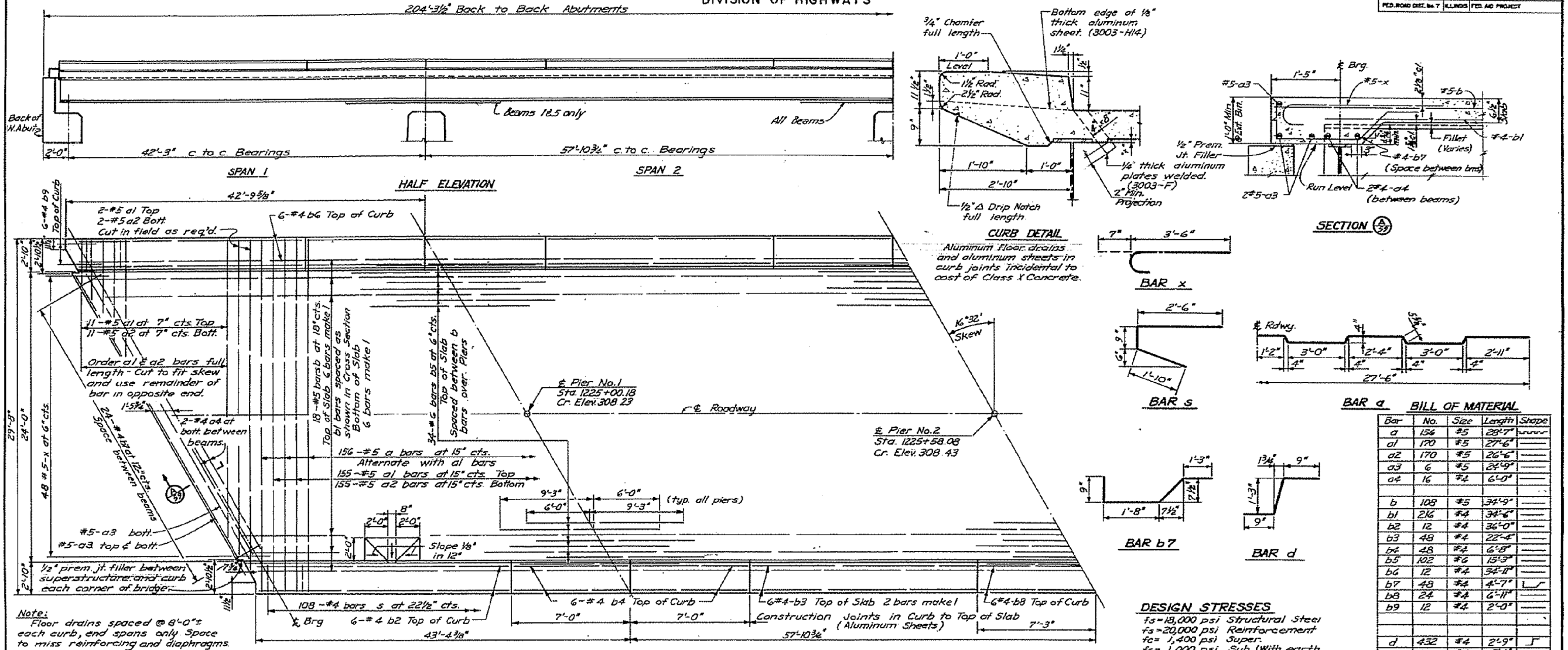
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	97
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



USER NAME = rjt	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 840.01	DRAWN - RJT	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012	DATE - 06/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
71	46	KANKAKEE	126	59
STA.	TO STA.			
225+00	225+59.1			



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	156	#5	28'-7"	
a1	170	#5	27'-6"	
a2	170	#5	26'-6"	
a3	6	#5	22'-9"	
a4	16	#4	6'-0"	
b	108	#5	34'-9"	
b1	216	#4	34'-6"	
b2	12	#4	36'-0"	
b3	48	#4	22'-4"	
b4	48	#4	6'-8"	
b5	102	#4	13'-3"	
b6	12	#4	34'-8"	
b7	48	#4	4'-7"	
b8	24	#4	6'-11"	
b9	12	#4	2'-0"	
d	432	#4	2'-9"	
s	216	#4	5'-1"	
x	96	#5	4'-1"	

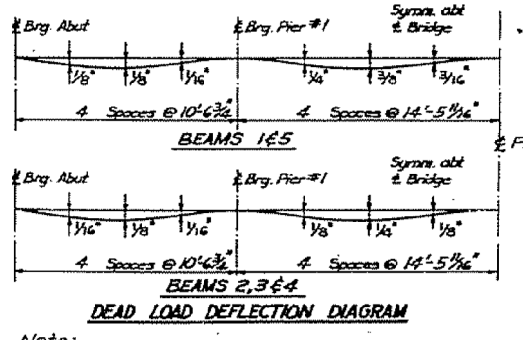
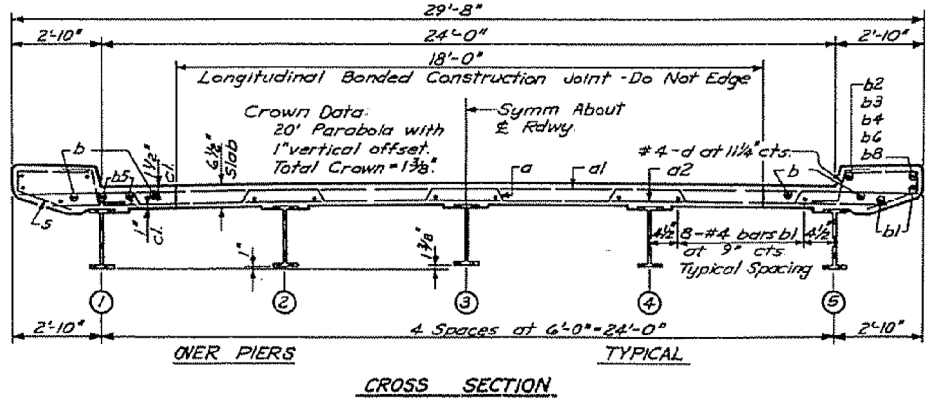
Class X Concrete Cu Yel 162.0
Reinforcement Bars Lb. 129,381
Structural Steel Lb. 144,997

DESIGN STRESSES
 $f_s = 18,000$ psi Structural Steel
 $f_s = 20,000$ psi Reinforcement
 $f_c = 1,400$ psi Super.
 $f_c = 1,000$ psi Sub. (With earth pressure)
 $n = 10$

Note:
 Floor drains spaced @ 8'-0" each curb, and spans only. Space to miss reinforcing and diaphragms.

METHOD OF DETERMINING FILLET HEIGHT "t"
 After all Structural Steel has been erected, elevations of the top flanges of the beams shall be taken at intervals not to exceed 10 ft. From these elevations subtract the increment of deflection for these points, determined from the D.L. deflection diagram. The elevations so attained subtracted from the theoretical grade elevations, minus floor thickness, equals the fillet heights above top of beam.

DESIGNED	K.J.H.	EXAMINED	
CHECKED	D.N.	PASSED	
DRAWN	L.S.	APPROVED	
CHECKED	K.J.H.		



Note:
 Values shown are for concrete D.L. only. See sheet 60 for total D.L. deflection due to concrete and structural steel.

* Weight of Rollers, Rockers, Bearing Plates, Lead Plates and Anchor Bolts included as Structural Steel. Est. Weight = 6263.

ILLINOIS DIVISION OF HIGHWAYS
SUPERSTRUCTURE SLAB PLAN
 F.A.I. RT. 57 SEC. 46-2(N)H8
 KANKAKEE COUNTY
 STRUCTURE NO. 12
 STATION 225+59.1

PRINT DRIVER: LEO S. BARBIL
 SCALE: 1/8" = 1'-0"
 FILE NAME: C:\ESCA\11125413\11125413.dwg



USER NAME	= rjt	DESIGNED	- MTD	REVISED	-
ESCA PROJECT NO.	840.01	DRAWN	- RJT	REVISED	-
PLOT SCALE	= 0.1667 / IN.	CHECKED	- RDP	REVISED	-
PLOT DATE	= 9/12/2012	DATE	- 06/12	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

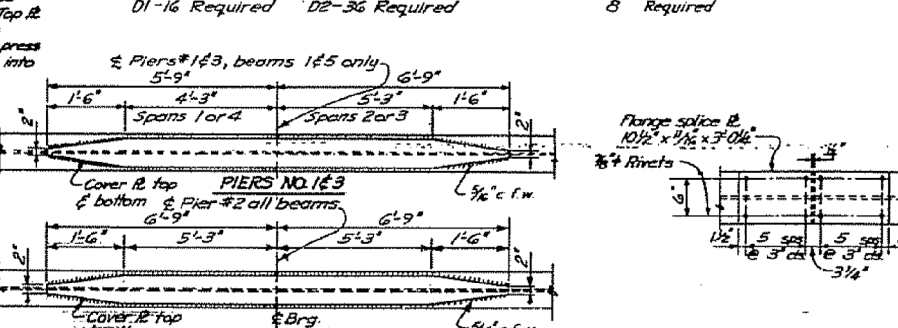
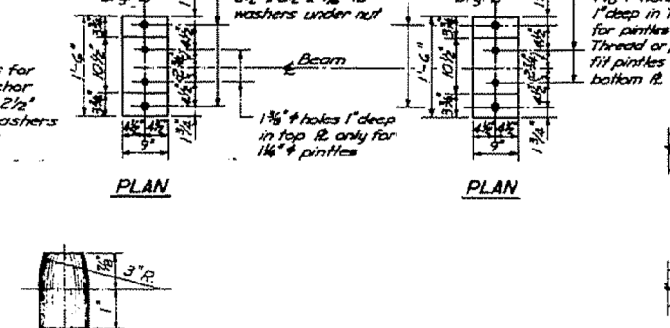
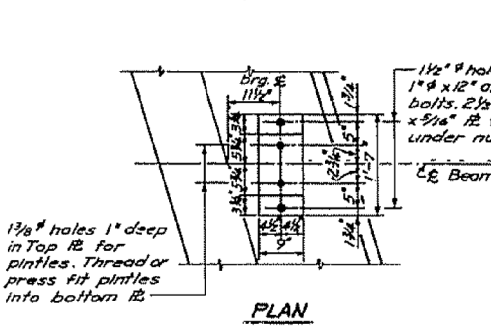
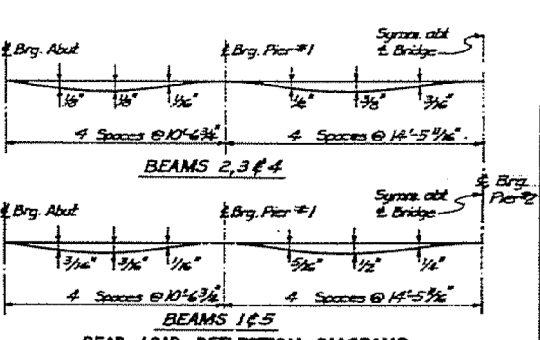
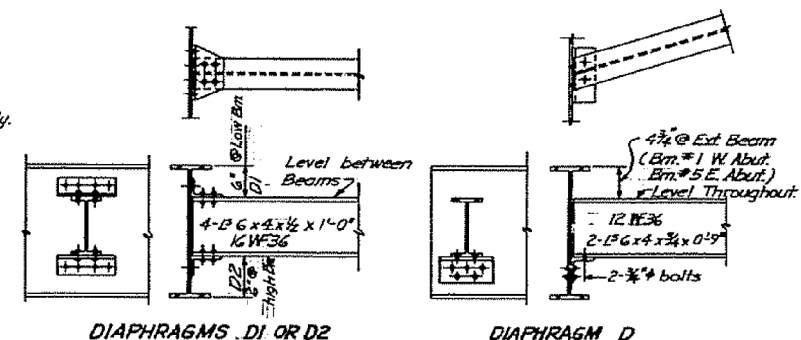
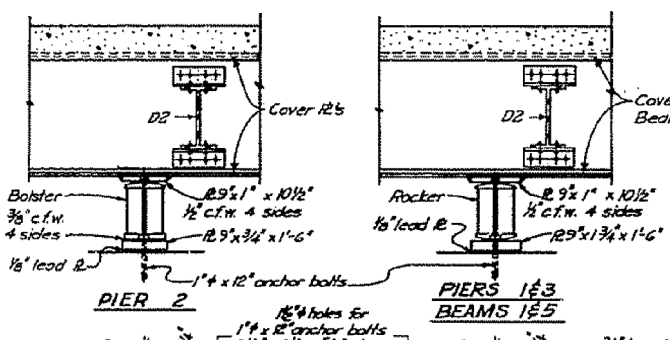
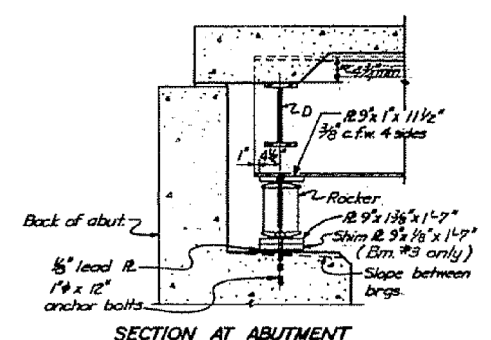
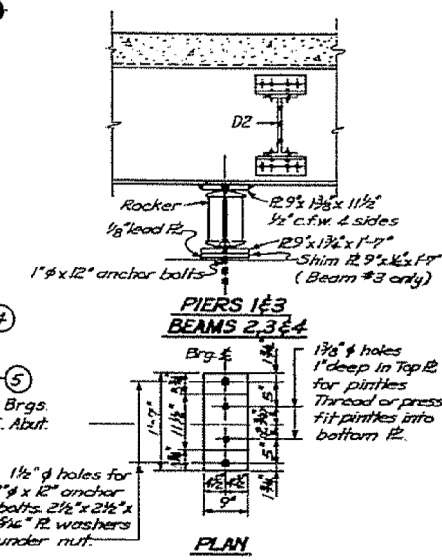
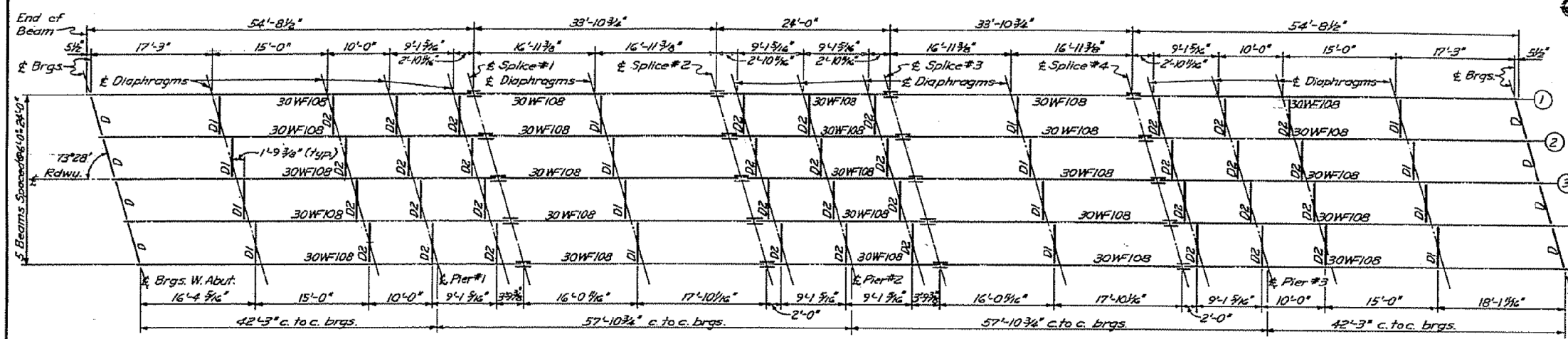
EXISTING STRUCTURE PLANS - FOR INFORMATION ONLY
 STRUCTURE NO. 046-0088

SCALE: SHEET NO. 3 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	98
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 66885	

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

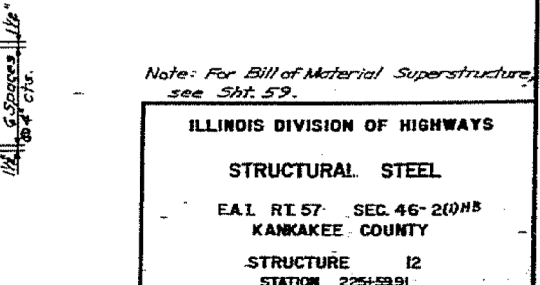
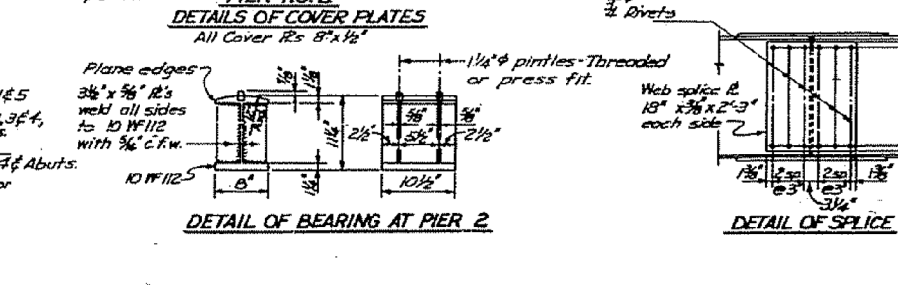
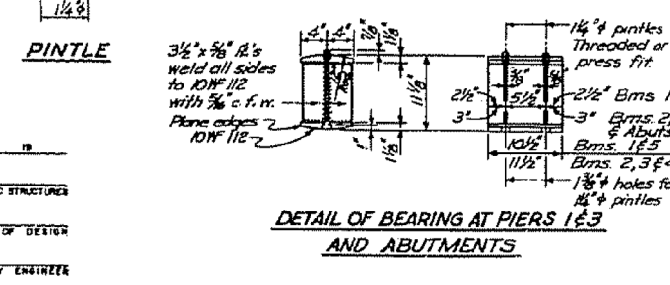
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
57	46	KANKAKEE	126	60
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



ELEVATION TOP OF BEAMS

Beam	1	2	3	4	5
Brig. W. Abut.	307.009	307.177	307.229	307.220	307.154
Pier #1	307.484	307.583	307.626	307.608	307.583
Splice #1	307.601	307.698	307.738	307.718	307.640
Splice #2	307.702	307.782	307.825	307.797	307.712
Pier #2	307.707	307.794	307.825	307.794	307.707
Splice #3	307.712	307.797	307.825	307.792	307.702
Splice #4	307.640	307.718	307.738	307.698	307.640
Pier #3	307.583	307.608	307.626	307.583	307.484
Brig. E. Abut.	307.154	307.220	307.229	307.177	307.009

DESIGNED	K.J.H. L.J.L.	EXAMINED	
CHECKED	D.N.	PASSED	
DRAWN	L.S.	APPROVED	
CHECKED	L.J.L.		



Note: For Bill of Material Superstructure, see Sht. 59.

ILLINOIS DIVISION OF HIGHWAYS
STRUCTURAL STEEL
E.A.I. RT. 57 SEC. 46-20(H)B
KANKAKEE COUNTY
STRUCTURE I2
STATION 225+59.91



USER NAME	DESIGNED	REVISION
ESCA PROJECT NO. 840.01	MTD	-
PLOT SCALE = 0.1667" / IN.	DRAWN	RJT
PLOT DATE = 9/12/2012	CHECKED	ROP
11:25:34 AM	DATE	06/12

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

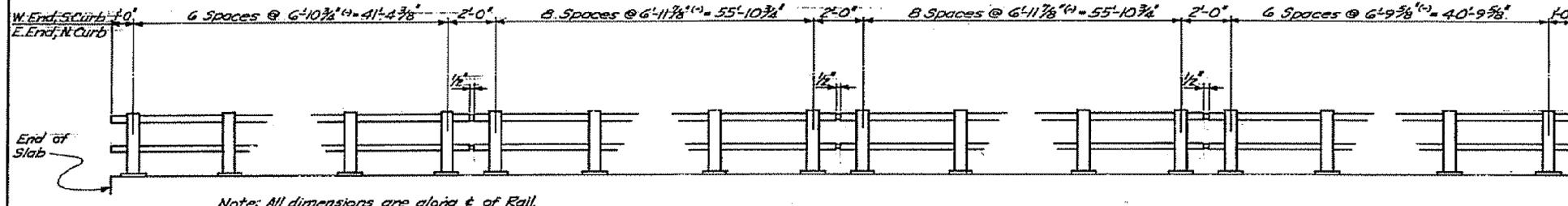
EXISTING STRUCTURE PLANS - FOR INFORMATION ONLY
STRUCTURE NO. 046-0088

SCALE: SHEET NO. 4 OF 9 SHEETS STA. TO STA.

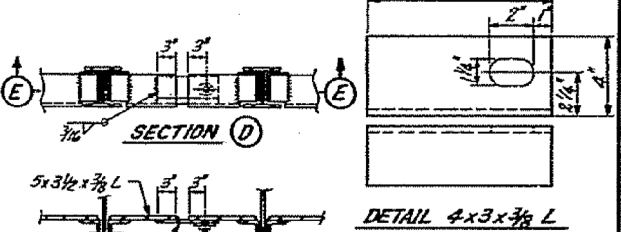
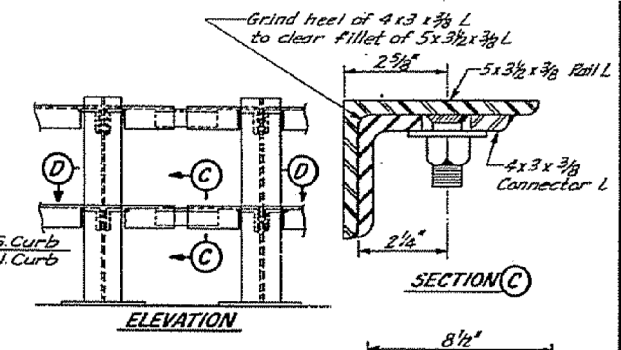
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	99
CONTRACT NO. 66885				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS
 DIVISION OF HIGHWAYS

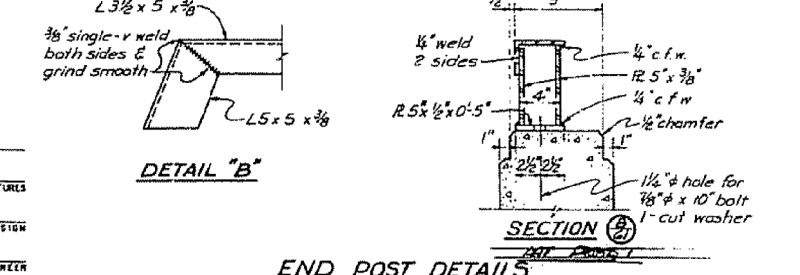
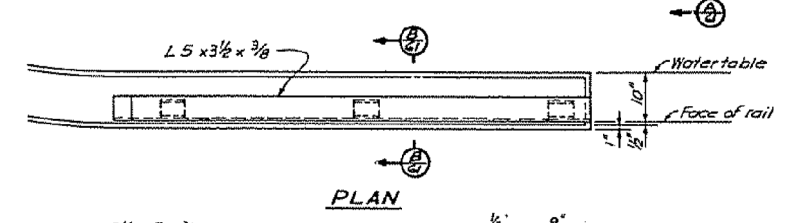
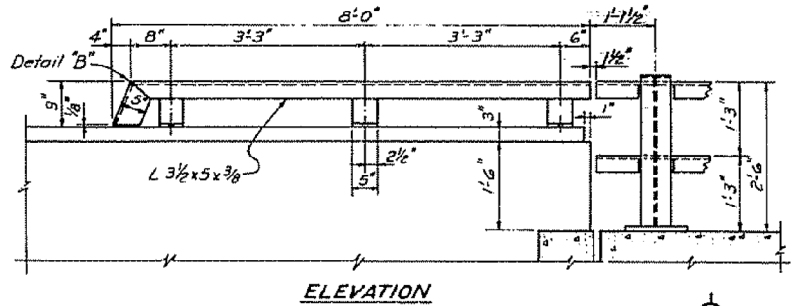
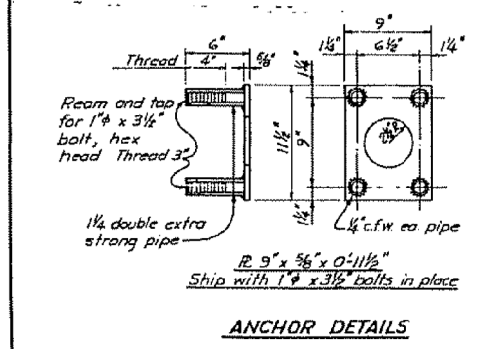
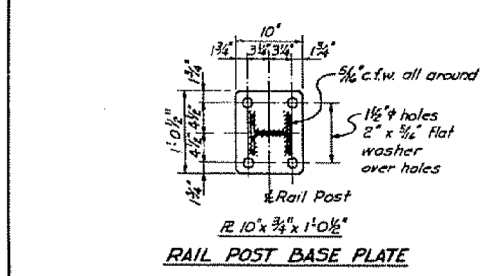
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
57		ILLINOIS	126	61
STA.	TO STA.	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT



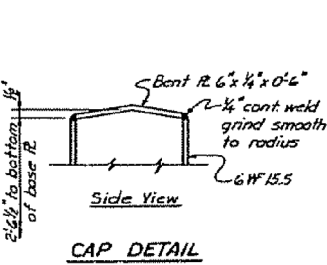
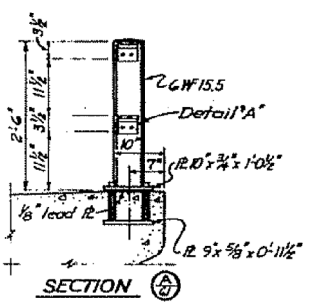
Note: All dimensions are along center line of Rail.



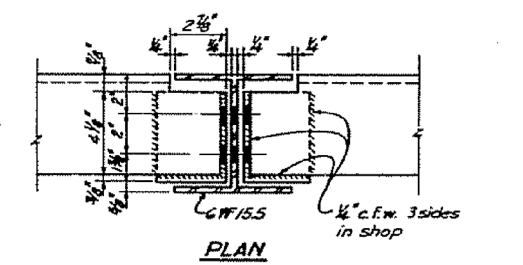
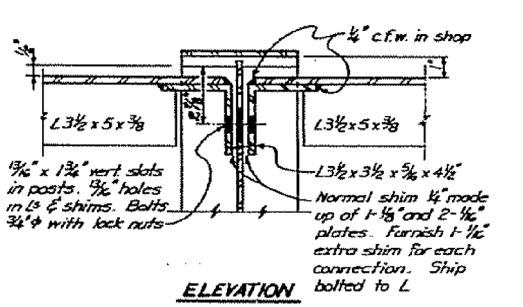
CONNECTION DETAILS AT DOUBLE RAIL POST



END POST DETAILS



CAP DETAIL



DETAIL A
Typical Connection

BILL OF MATERIAL

Item	Unit	Quantity
Metal Handrail	Lin. Ft.	436

Note:
 Item "Metal Handrail" includes both the one angle and the two angle rail
 All bolts, nuts, and washers shall be hot dipped galvanized.

ILLINOIS DIVISION OF HIGHWAYS

METAL HANDRAIL
 F.A.I. RT. 57 SEC. 46-20)NB
 KANKAKEE COUNTY
 STRUCTURE NO. 12
 STATION 225+59.91

DESIGNED		EXAMINED	
CHECKED		PASSED	
DRAWN	L.S.	APPROVED	
CHECKED			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS - FOR INFORMATION ONLY
 STRUCTURE NO. 046-0088



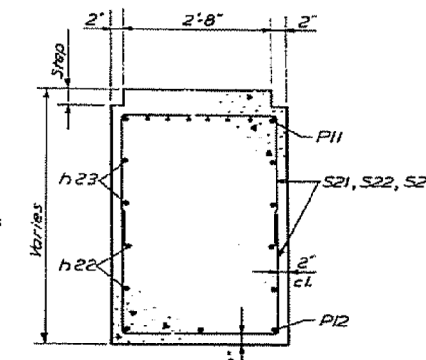
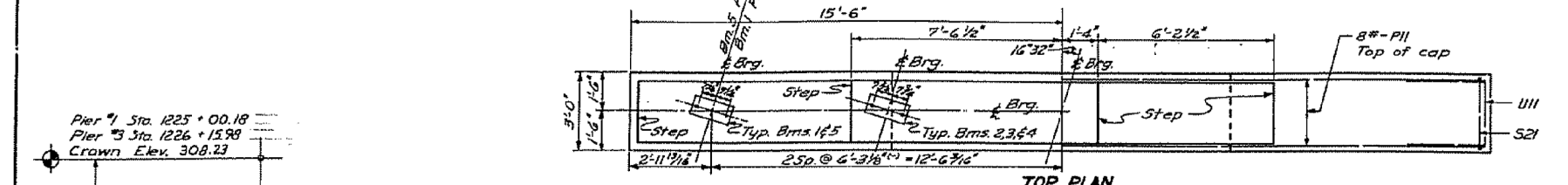
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ESCA PROJECT NO. 040.01	DRAWN - RJT	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012	DATE - 06/12	REVISED -

SCALE:	SHEET NO. 5 OF 9 SHEETS	STA.	TO STA.
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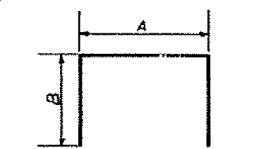
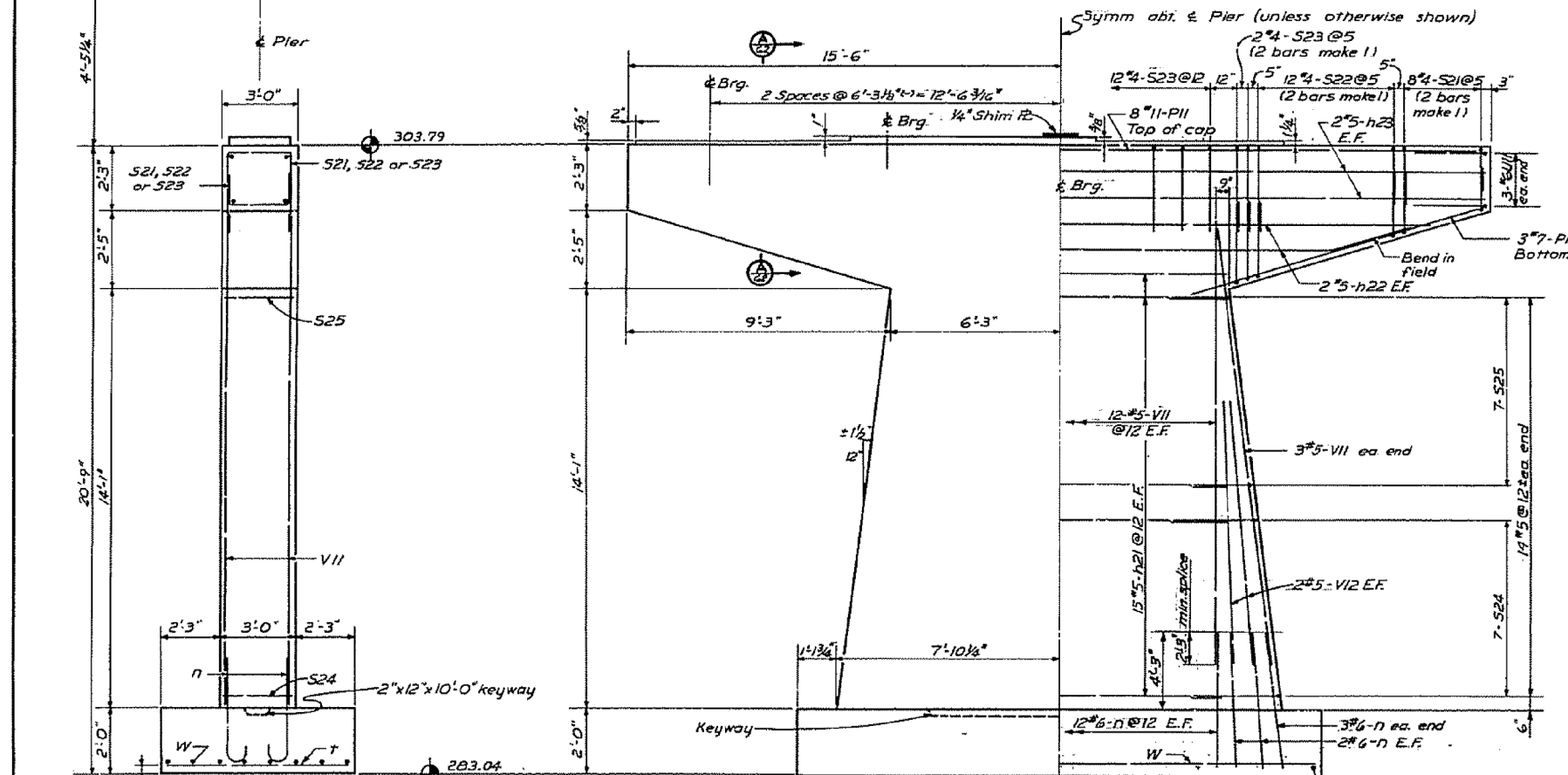
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	100
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	CONTRACT NO. 66885

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
7	46	KANKAKEE	126	62
STA.	TO			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

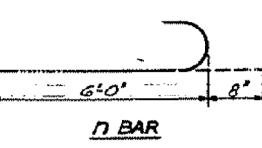
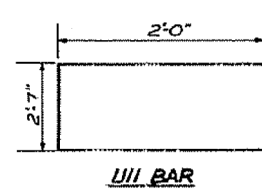


Note: All edges shall have standard 3/4" chamfers except footings



S BARS

Bar	A	B
S21	2'-8"	2'-0"
S22	2'-8"	2'-8"
S23	2'-8"	3'-0"
S24	2'-8"	3'-0"
S25	2'-8"	2'-0"

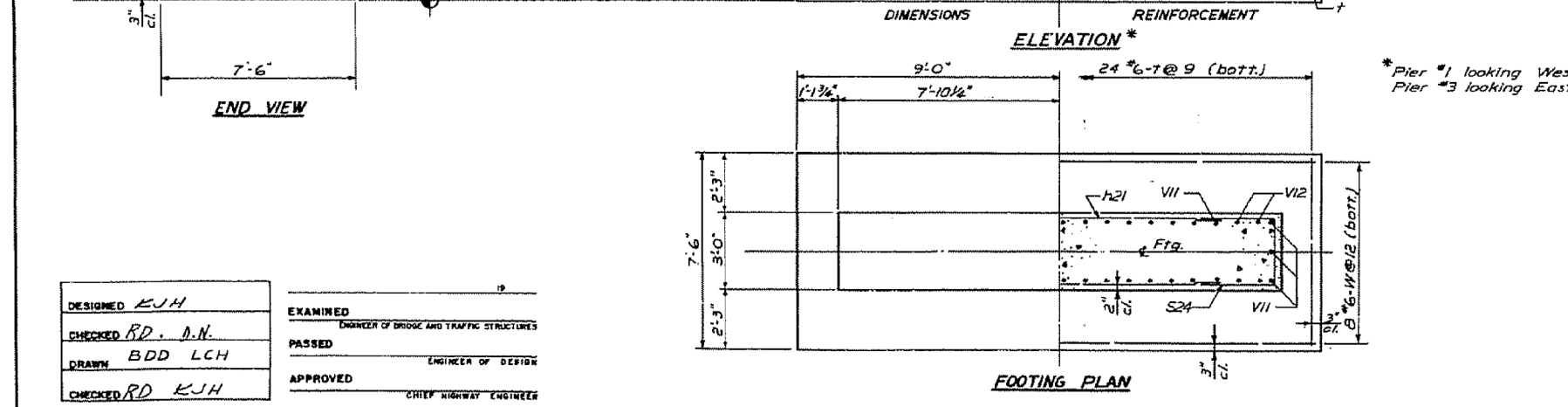


PIERS 1 & 3
BILL OF MATERIAL

Bar No.	Size	Length	Shops
h21	#5	12'-3"	
h22	#5	26'-0"	
h23	#5	30'-8"	
n	#6	6'-8"	
P11	#11	30'-8"	
P12	#7	10'-9"	
S21	#4	6'-8"	
S22	#4	8'-0"	
S23	#4	8'-8"	
S24	#5	8'-8"	
S25	#5	6'-8"	
t	#6	7'-0"	
U11	#6	6'-7"	
V11	#5	16'-9"	
V12	#5	9'-9"	
W	#6	17'-6"	
Class A Concrete		Cu. Yds.	94.8
Reinforcement Bars		Lbs.	8,622
CL A Error for Strud.		Cu. Yds.	10.5
Name Plate		Ea.	2

- Notes:
1. See Index Sheet for Name Plate location.
2. Reinforcing detailed to allow for change in footing elevation in accordance with Art. 5110(b) of the Standard Specifications.
3. Maximum soil pressure (Design) = 3.0 tons / sq. ft.

ILLINOIS DIVISION OF HIGHWAYS
PIERS NO. 1 & 3
(EXPANSION)
F.A.I. RT. 57 SEC. 46-2(1)H#
KANKAKEE COUNTY
STRUCTURE NO. 12
STATION 225+59.91



DESIGNED KJH	EXAMINED
CHECKED RD, D.N.	DIVISION OF BRIDGE AND TRAFFIC STRUCTURES
DRAWN BDD LCH	PASSED
CHECKED RD KJH	APPROVED
	CHIEF HIGHWAY ENGINEER

USER NAME = rjt
ESCA PROJECT NO. 840.01
PLOT SCALE = 0.1667" / IN.
PLOT DATE = 9/12/2012 11:26:13 AM

DESIGNED - MTD
DRAWN - RJT
CHECKED - RDP
DATE - 06/12

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS - FOR INFORMATION ONLY
STRUCTURE NO. 046-0088

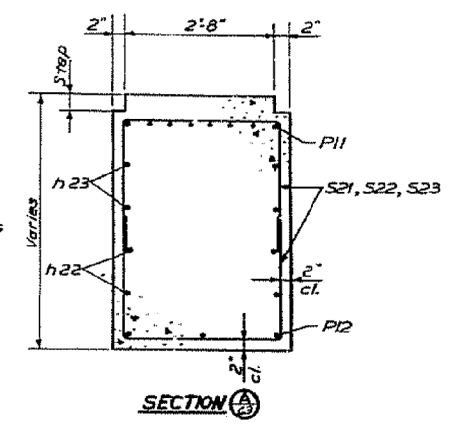
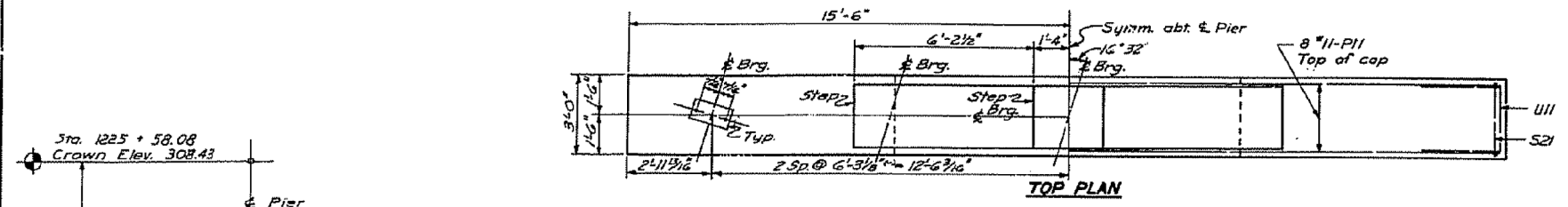
SCALE: SHEET NO. 6 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	101
CONTRACT NO. 66885				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

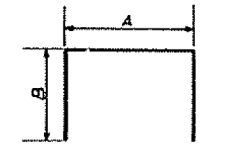
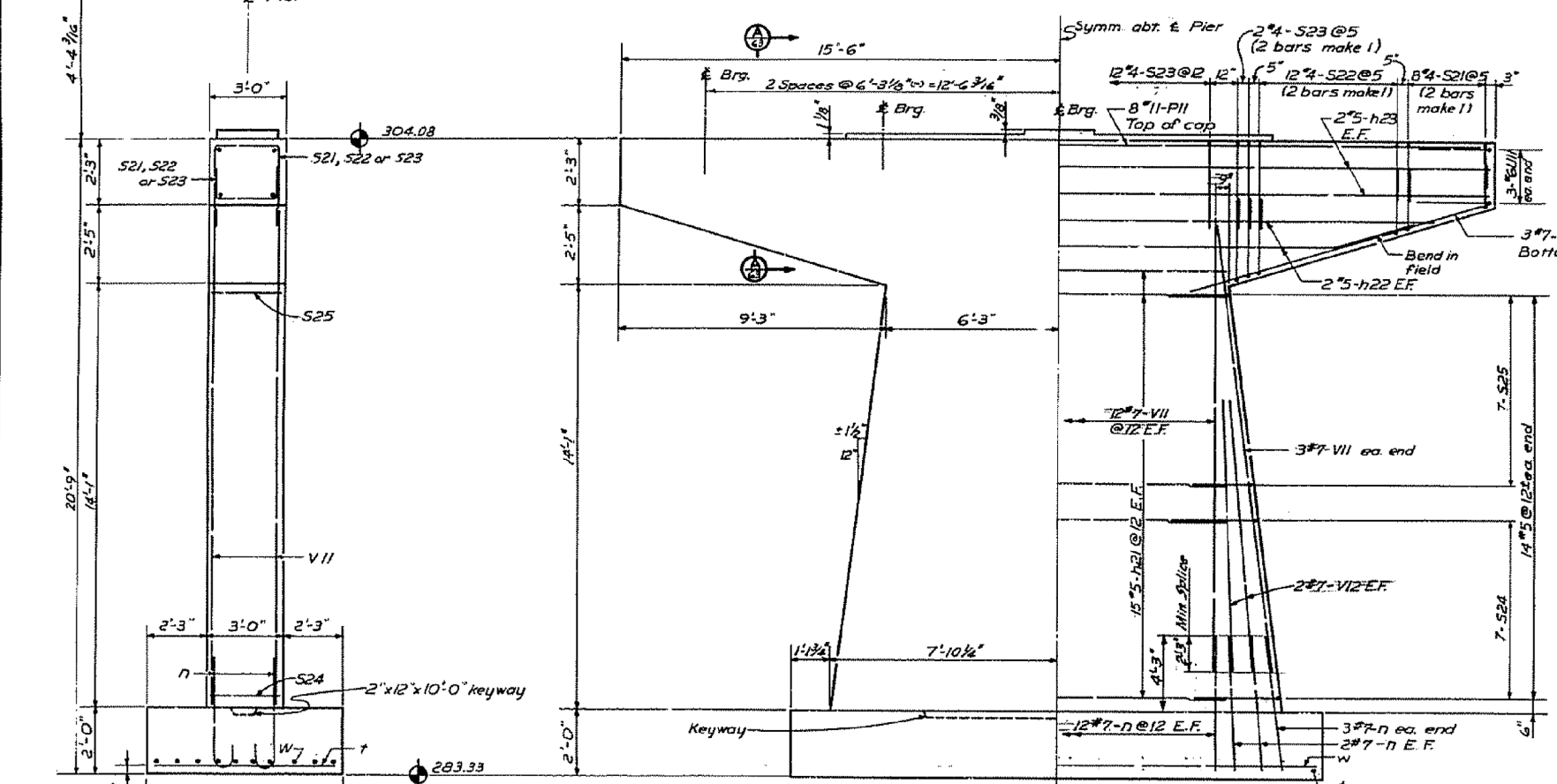


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
57	46	KANKAKEE	126	63
STA.		TO STA.		
2251-52.91		2251-52.91		

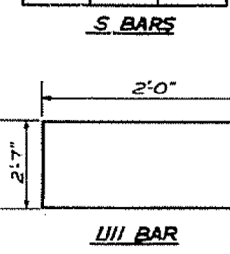


Note: All edges shall have standard 3/4" chamfers except footings.



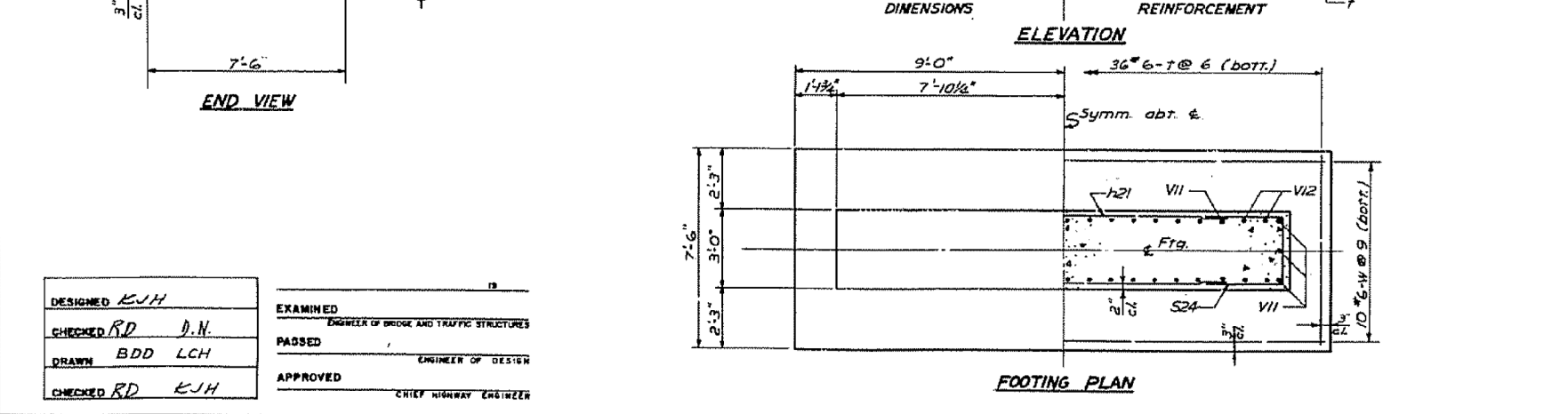
A & B DIMENSIONS

Bar	A	B
S21	2'-8"	2'-0"
S22	2'-8"	2'-8"
S23	2'-8"	3'-0"
S24	2'-8"	3'-0"
S25	2'-8"	2'-0"



**PIER 2
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h21	30	#5	12'-3"	
h22	4	#5	26'-0"	
h23	4	#5	30'-8"	
n	35	#7	6'-10"	
P11	8	#7	30'-8"	
P12	6	#7	10'-9"	
S21	32	#4	6'-8"	□
S22	48	#4	8'-0"	□
S23	20	#4	8'-8"	□
S24	14	#5	3'-8"	□
S25	14	#5	6'-8"	□
r	36	#6	7'-0"	
U11	6	#6	6'-7"	□
VII	30	#7	16'-9"	
V12	8	#7	9'-9"	
W	10	#6	17'-6"	
Class X Concrete		Cu. Yds.	45.8	
Reinforcement Bars		Lbs.	5188	
C.I.A. Excav. for Struct.		Cu. Yds.	52	



DESIGNED KJH	EXAMINED
CHECKED RD D.N.	ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
DRAWN BDD LCH	PASSED
CHECKED RD KJH	ENGINEER OF DESIGN
	APPROVED
	CHIEF HIGHWAY ENGINEER

Notes:
1. Reinforcing detailed to allow for change in footing elevation in accordance with Art. 31.10 (b) of the Standard Specifications.
2. Maximum soil pressure (Design) = 4.5 tons / sq. ft.

ILLINOIS DIVISION OF HIGHWAYS
PIER NO. 2 (FIXED)
F.A.I. RT. 57 SEC. 46-20) HB
KANKAKEE COUNTY
STRUCTURE NO. 12
STATION 2251-52.91



USER NAME = rjt	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 840.01	DRAWN - RJT	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012 11:26:30 AM	DATE - 06/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

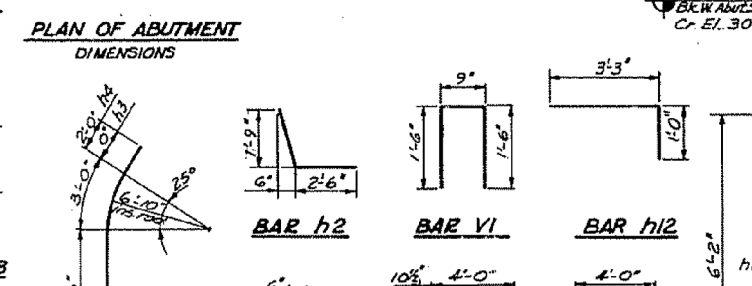
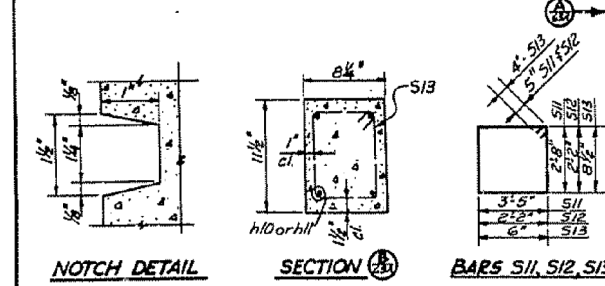
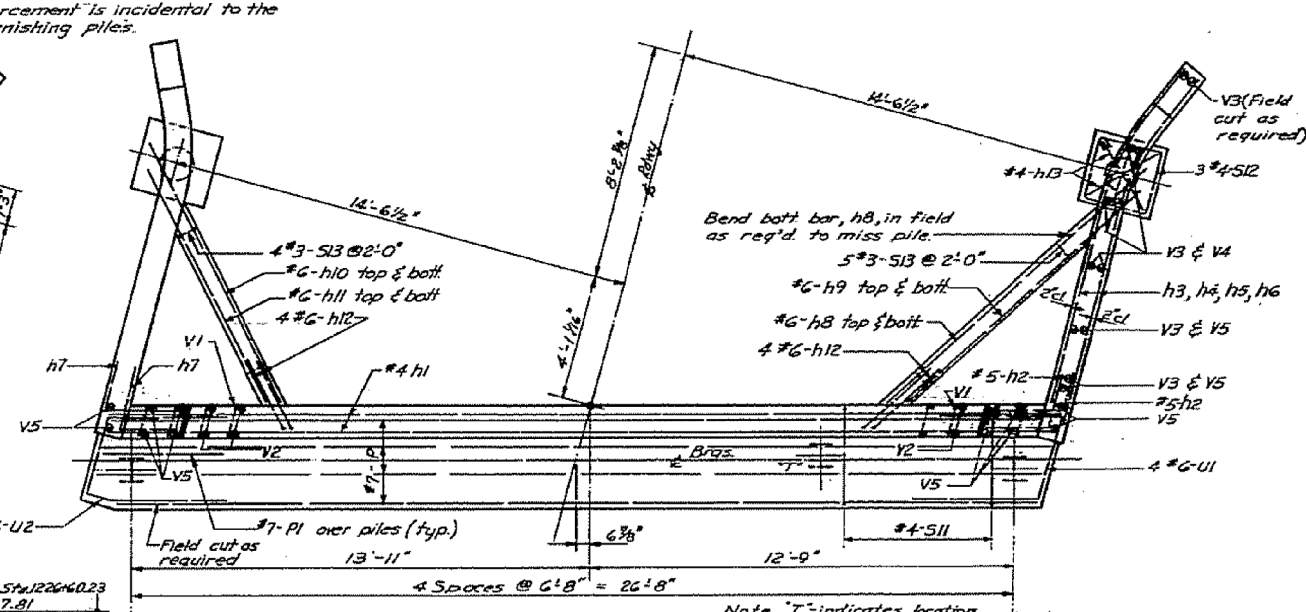
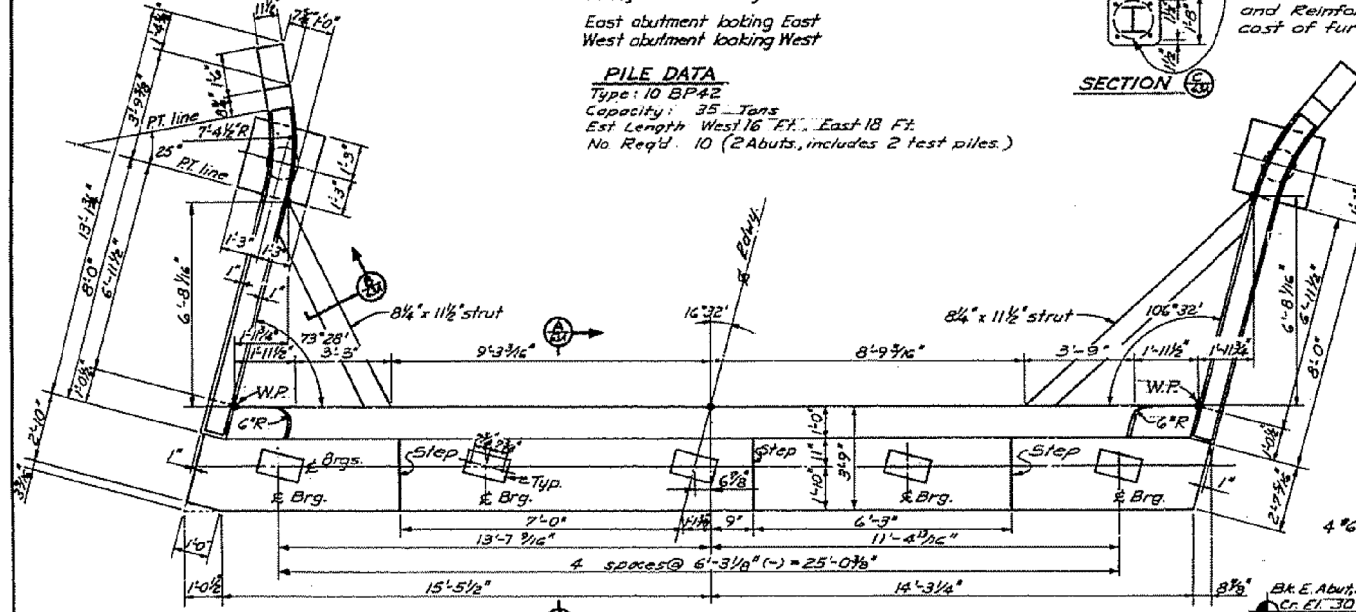
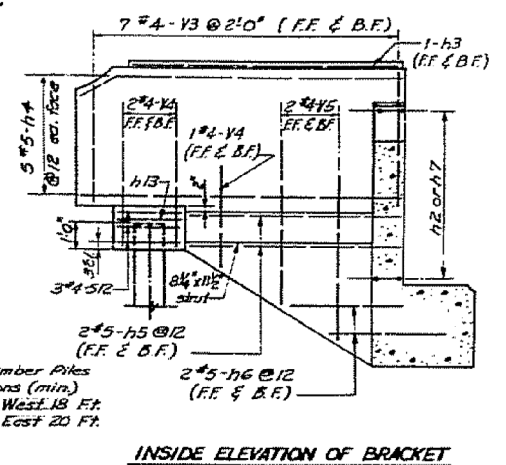
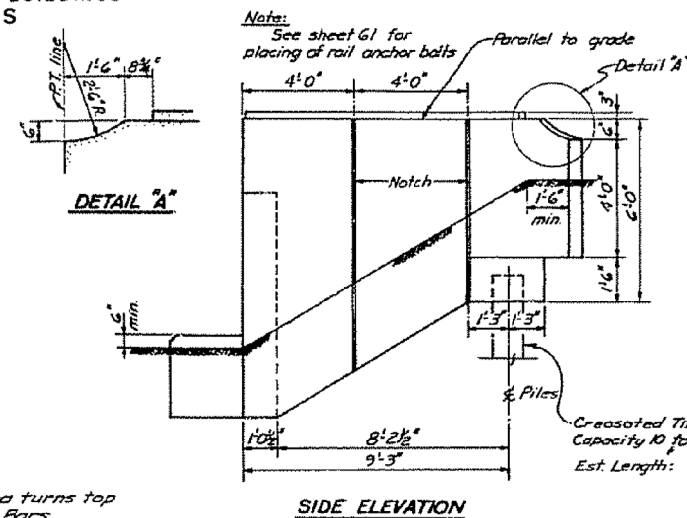
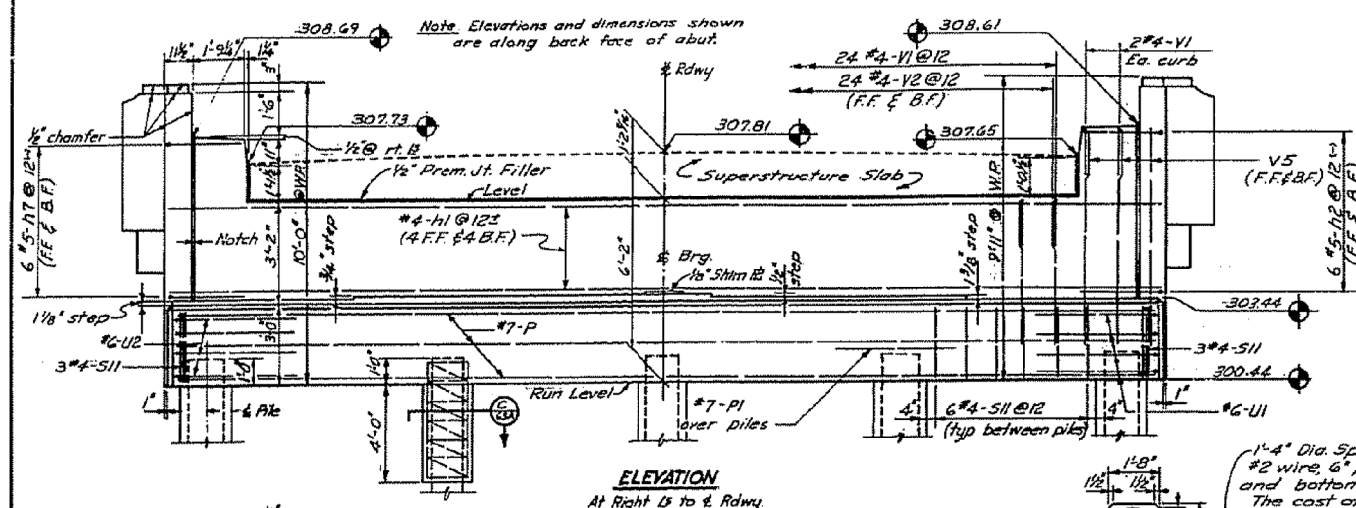
EXISTING STRUCTURE PLANS - FOR INFORMATION ONLY
STRUCTURE NO. 046-0088

SCALE: SHEET NO. 7 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	102
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 66885	

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
57	46	KANKAKEE	125	63A
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



BAR LIST - TWO ABUTMENTS

Bar	No.	Size	Length	Shape	Bar	No.	Size	Length	Shape
h1	16	#4	30'-6"		S11	60	#4	15'-0"	
h2	24	#5	4'-4"		S12	12	#4	9'-6"	
h3	8	#5	10'-8"		S13	18	#3	3'-1"	
h4	40	#5	12'-8"						
h5	16	#5	7'-0"						
h6	16	#5	5'-7"						
h7	24	#5	4'-4"		U1	8	#6	11'-3"	
h8	4	#6	12'-0"		U2	8	#6	11'-7"	
h9	4	#6	10'-6"						
h10	4	#6	9'-6"		V1	56	#4	3'-5"	
h11	4	#6	8'-6"		V2	96	#4	2'-6"	
h12	16	#6	4'-3"		V3	56	#4	4'-3"	
h13	8	#4	3'-0"		V4	24	#4	3'-6"	
P	20	#7	30'-4"		V5	40	#4	6'-3"	
P1	10	#7	4'-0"						

BILL OF MATERIAL - TWO ABUTMENTS

Item	Unit	Quantity
Class X Concrete	Cu Yds	48.0
Reinforcement Bars	Lbs.	6257
Steel Piles (1000)	Lin. Ft.	136
Test Piles (Steel)	Each	2
Crested Piles	Lin. Ft.	76 (0 to 20)

DESIGNED **KJH**

CHECKED **ED, DN**

DRAWN **LS**

CHECKED **ED, KJH**

EXAMINED
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES

PASSED

APPROVED
ENGINEER OF DESIGN

CHIEF HIGHWAY ENGINEER

ILLINOIS DIVISION OF HIGHWAYS

ABUTMENTS

F.A.I. RT. 57 SEC. 46-20)H8
KANKAKEE COUNTY
STRUCTURE NO. 12
STATION 225+59.91

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS - FOR INFORMATION ONLY
STRUCTURE NO. 046-0088

USER NAME = rjt	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 840.01	DRAWN - RJT	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - RDP	REVISED -
PLOT DATE = 9/12/2012	DATE - 06/12	REVISED -

SCALE: SHEET NO. 8 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)H8R	KANKAKEE	126	103
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



PRINT DRIVER = LEO-5-8-2011
SCALE = 0.1667' / IN.
FILE NAME = C:\ESCA\840\840.dwg

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
57	46	KANKAKEE	126	63B
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

FOUNDATION BORING
Structure No. 12
Boring No. 1
Station 225+90.48
Offset 102.75' L.L.
Surface Elev. 267.3
Ground Water Elevations
Date Time Elevation
11-19 AM 261.3'
11-20 24hrs 267.3'

BORINGS MADE BY SOIL TESTING SERVICES, INC.

Sample Number	Sample Elevation	N	Elevation	Relative Moisture Content	Compressive Strength Tons/sq.ft.	Description
1	267.3	36	266.3	Moist	-	Dark Brown-Clayey Sandy SILT, trace Gravel fill
2	265.8	124		Moist	-	Buff Yellow-Silty Sandy GRAVEL Highly weathered limestone bedrock.
3	264.1	104	262.3	Moist	-	Buff Yellow-Silty Sandy GRAVEL Weathered limestone bedrock.
4	262.1	104		Moist	-	Buff Yellow-Weathered LIMESTONE
5	279.8	104	279.3	Moist	-	Buff Yellow-LIMESTONE
						End of Boring

FOUNDATION BORING
Structure No. 12
Boring No. 3
Station 225+90.48
Offset Centerline
Surface Elev. 267.3
Ground Water Elevations
Date Time Elevation
11-20 AM 277.5'
11-20 ACR 265.5'
11-21 24hrs 265.5'

BORINGS MADE BY SOIL TESTING SERVICES, INC.

Sample Number	Sample Elevation	N	Elevation	Relative Moisture Content	Compressive Strength Tons/sq.ft.	Description
1	266.5	99	265.0	Wet	-	Gray Brown-Silty SAND & GRAVEL
2	264.8	91		Moist	-	Buff Yellow-Silty Sandy GRAVEL Highly weathered limestone bedrock.
3	263.3	100		-	-	Buff yellow-Sandy SILT, trace gravel. Weathered limestone bedrock. (sample obtained from wash)
4	261.5	10	277.5	-	-	Buff yellow-LIMESTONE 65% Core Recovery
						End of Boring

FOUNDATION BORING
Structure No. 12
Boring No. 5
Station 225+90.48
Offset 102.75' L.L.
Surface Elev. 267.3
Ground Water Elevations
Date Time Elevation
11-20 AM 265.5'
11-20 AD 265.5'
11-21 24hrs. None

BORINGS MADE BY SOIL TESTING SERVICES, INC.

Sample Number	Sample Elevation	N	Elevation	Relative Moisture Content	Compressive Strength Tons/sq.ft.	Description
1	265.7	28	264.7	Moist	-	Dark Brown-Silty SAND & GRAVEL, trace Clay
2	264.2	100		Moist	-	Buff Yellow-Silty Sandy GRAVEL Highly weathered limestone bedrock.
3	262.5	100	262.2	-	-	Buff Yellow-Silty SAND & GRAVEL Weathered limestone bedrock. (sample obtained from wash)
						End of Boring

FOUNDATION BORING
Structure No. 12
Boring No. 2
Station 225+90.48
Offset 57.75' L.L.
Surface Elev. 266.7
Ground Water Elevations
Date Time Elevation
11-20 AM 263.0'
11-20 AB 265.0'
11-21 24hrs. None

BORINGS MADE BY SOIL TESTING SERVICES, INC.

Sample Number	Sample Elevation	N	Elevation	Relative Moisture Content	Compressive Strength Tons/sq.ft.	Description
1	267.0	23	266.0	Moist	-	Dark Brown-Clayey Sandy SILT, trace gravel fill.
2	265.5	100		Moist	-	Yellow Brown-Silty SAND & GRAVEL Highly weathered limestone bedrock
3	263.8	121	263.3	Moist	-	Buff Yellow-Silty Sandy GRAVEL Weathered limestone bedrock.
						End of Boring

FOUNDATION BORING
Structure No. 12
Boring No. 4
Station 225+90.48
Offset 71.75' L.L.
Surface Elev. 265.0
Ground Water Elevations
Date Time Elevation
11-20 AM 270.8'
11-20 AD 264.3'
11-21 24hrs. 279.3'

BORINGS MADE BY SOIL TESTING SERVICES, INC.

Sample Number	Sample Elevation	N	Elevation	Relative Moisture Content	Compressive Strength Tons/sq.ft.	Description
1	265.8	31	264.8	Moist	-	Dark Brown-Silty SAND & GRAVEL
2	264.3	100		Moist	-	Buff Yellow-Silty Sandy GRAVEL Highly weathered limestone bedrock.
3	261.1	100	260.3	-	-	Buff Yellow-Silty SAND & GRAVEL limestone bedrock. (Sample obtained from wash)
						End of Boring

Legend
"N" = Relative Density - No. of blows required to drive 1-3/8" ID x 2" OD sample spoon 12" with 140 lb. weight falling 30"
WD = While Drilling
AD = After Drilling
BCR = Before Casing Removal
ACR = After Casing Removal
IB = Diamond Bit
AB = After Boring

Note: For location of soil borings see General Plan and Elevation.

DESIGNED	EXAMINED
CHECKED	CHECKER OF BRIDGE AND TRAFFIC STRUCTURES
DRAWN LCH	PASSED
CHECKED LSL	ENGINEER OF DESIGN
	APPROVED
	CHIEF HIGHWAY ENGINEER

ILLINOIS DIVISION OF HIGHWAYS
BORING DATA
F.A.I. RT. 57 SEC. 46-20)RB
KANKAKEE COUNTY
STRUCTURE NO 12
STATION 225+59.91

PRINT DRIVER = LEO E. BARNETT
SCALE MAKE MAKE = PLOT
FILE NAME = C:\ESCA\57-46-20\57-46-20.dwg



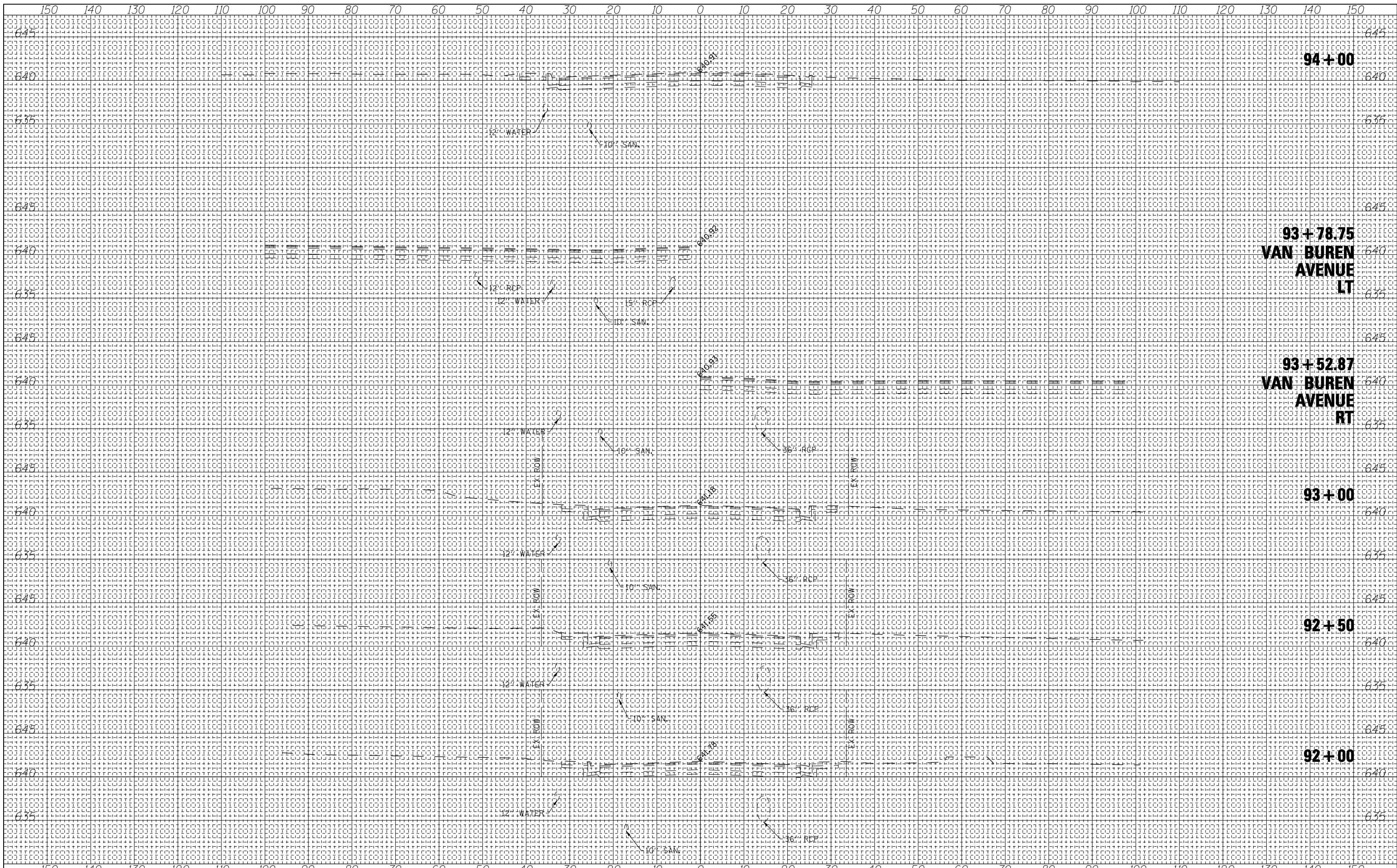
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PLOT DATE = 9/12/2012 11:27:21 AM	DATE - 06/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS - FOR INFORMATION ONLY
STRUCTURE NO. 046-0088

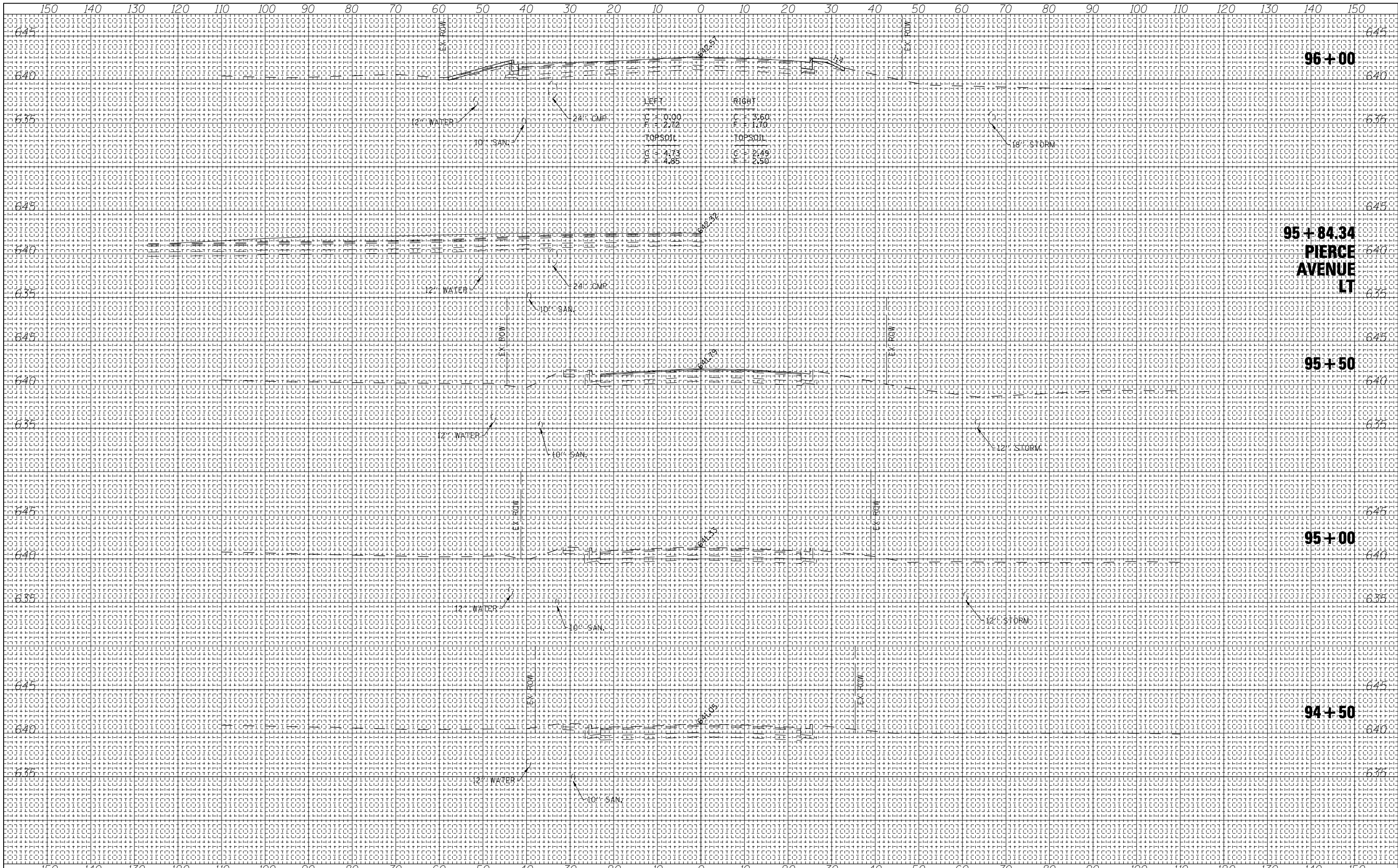
SCALE: SHEET NO. 9 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HBR	KANKAKEE	126	104
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66885	



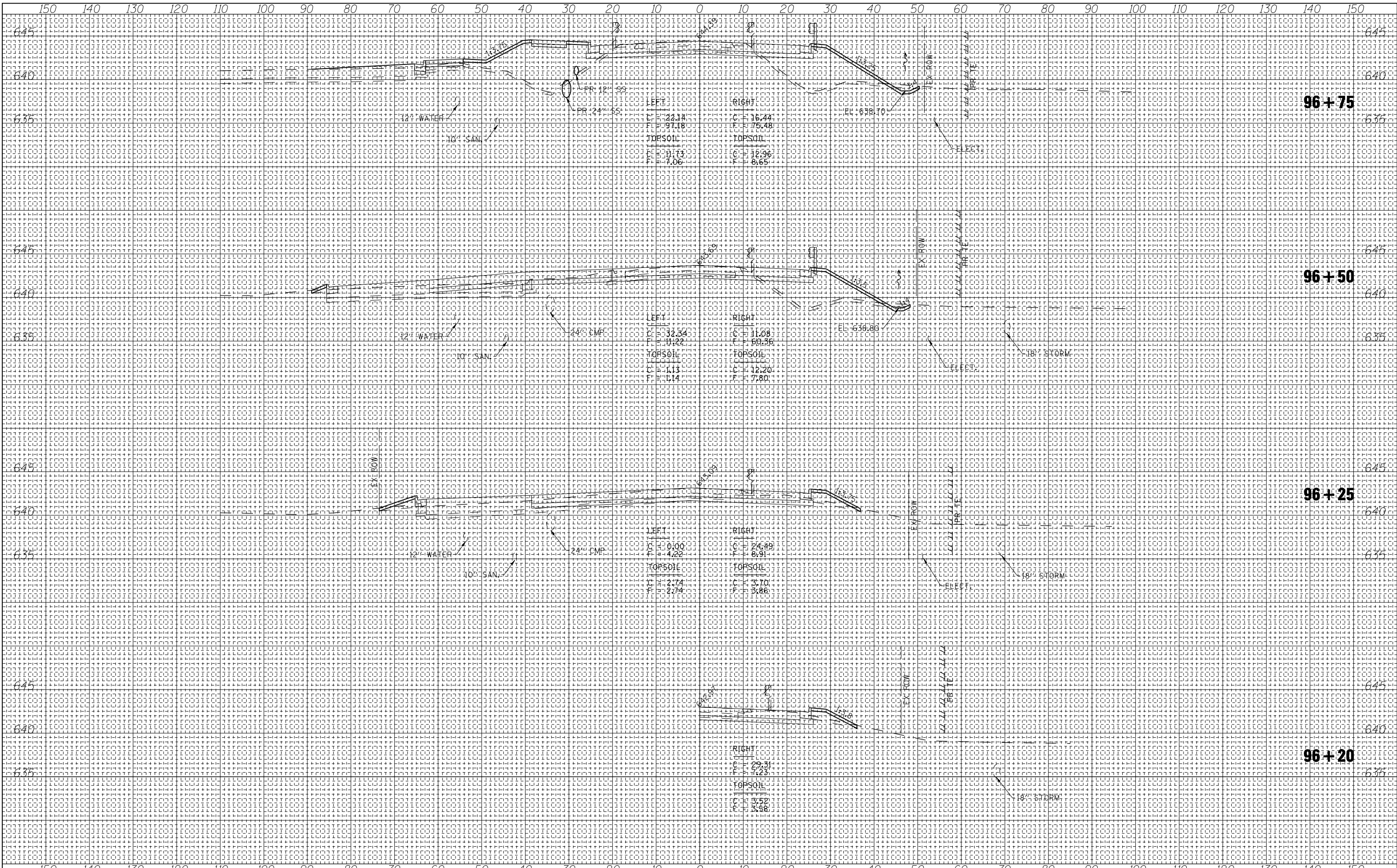
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PLATED	PLATED
SURVEY	SURVEY
FINAL	FINAL

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NOTE BOOK	NOTE BOOK
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AREAS CHECKED	AREAS CHECKED
PLATED	PLATED
SURVEY	SURVEY
ORIGINAL	ORIGINAL



BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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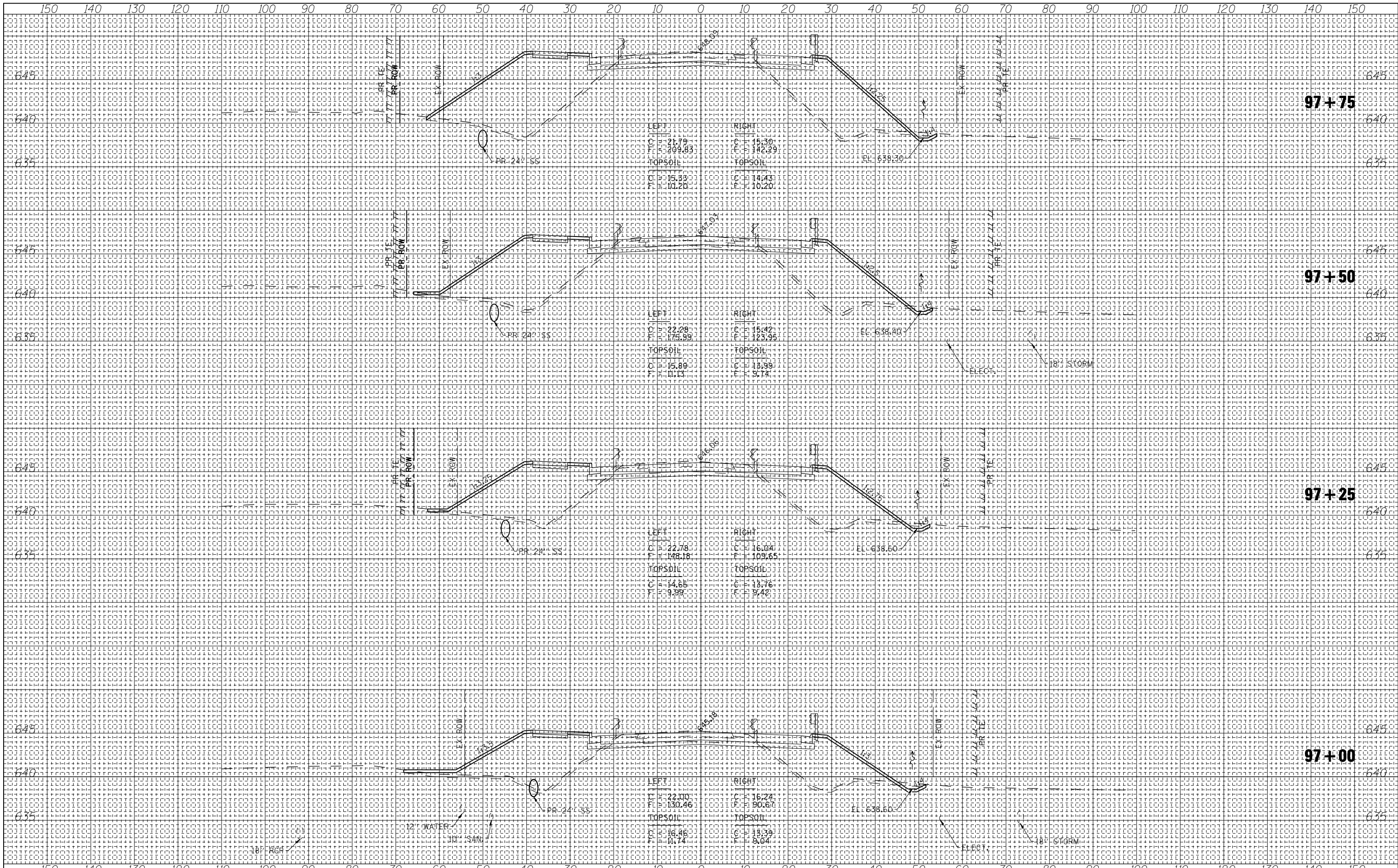


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USER NAME = rjt
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DESIGNED - MTD
 DRAWN - RJT/HAS
 CHECKED - RDP
 DATE - 06/12

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

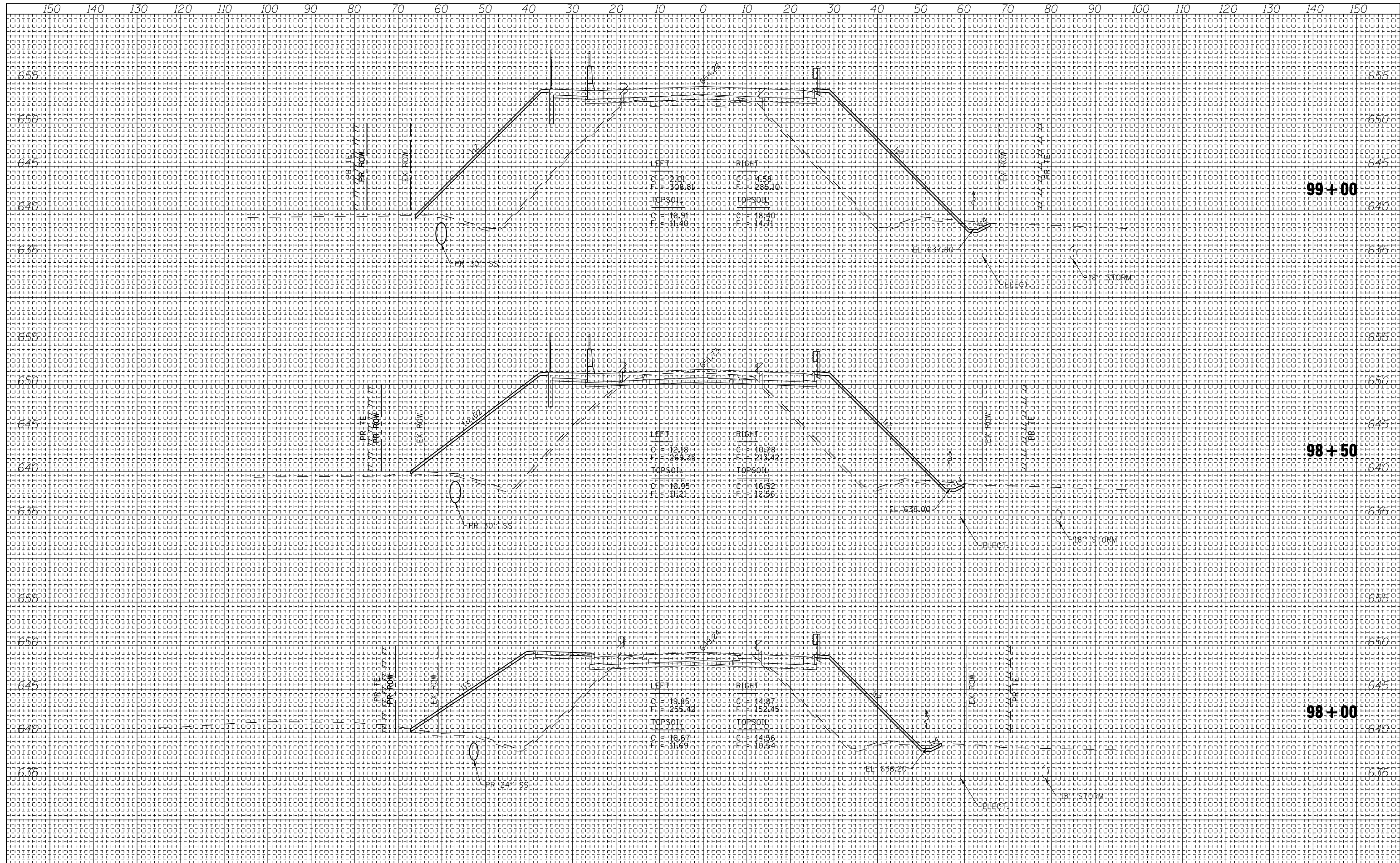
NORTH STREET CROSS SECTIONS

SCALE: AS SHOWN SHEET NO. 4 OF 17 SHEETS STA. 97+00 TO STA. 97+75

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	108
				CONTRACT NO. 66885
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT AID		

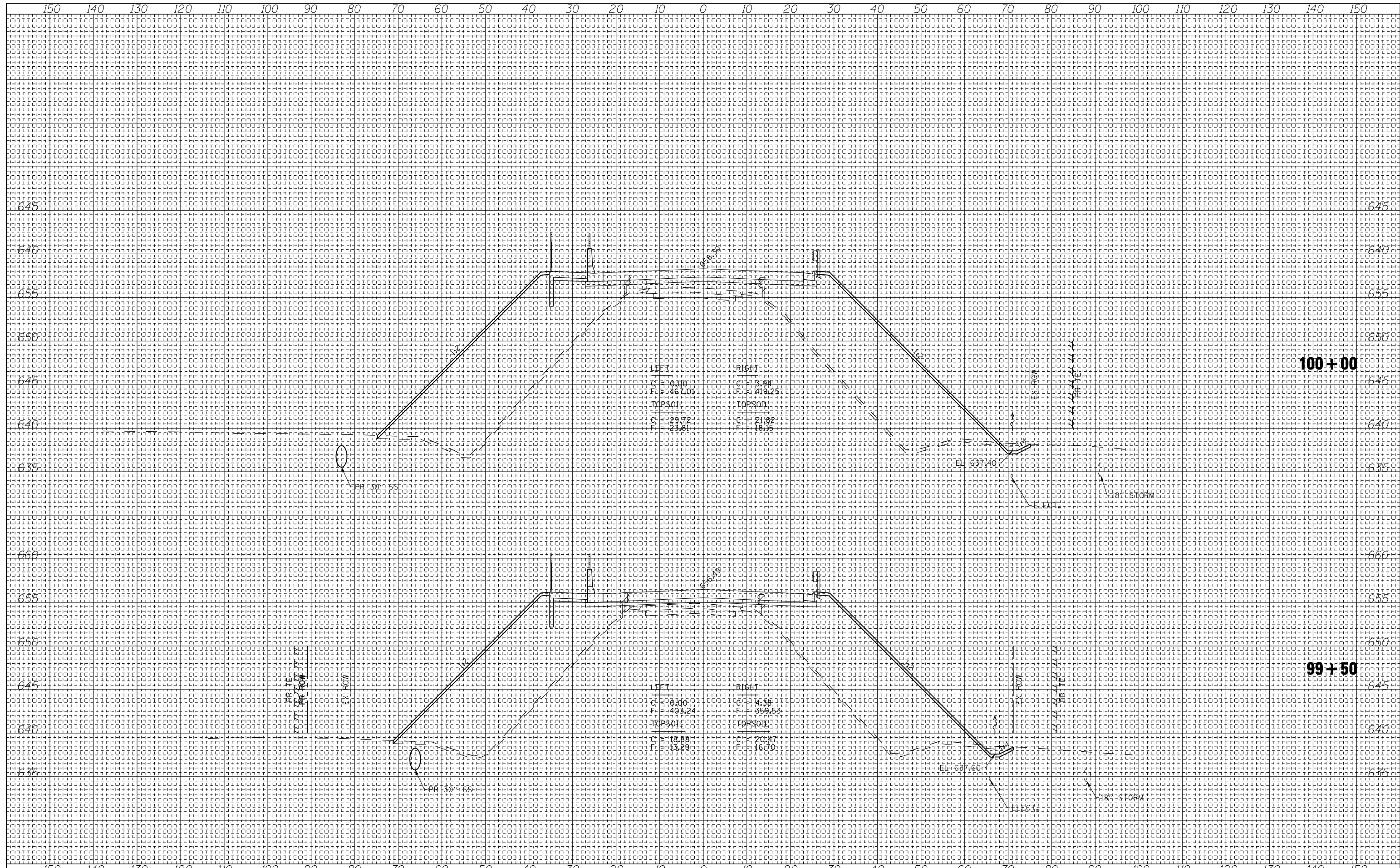
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DESIGNED - MTD
 DRAWN - RJT/HAS
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 DATE - 06/12

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

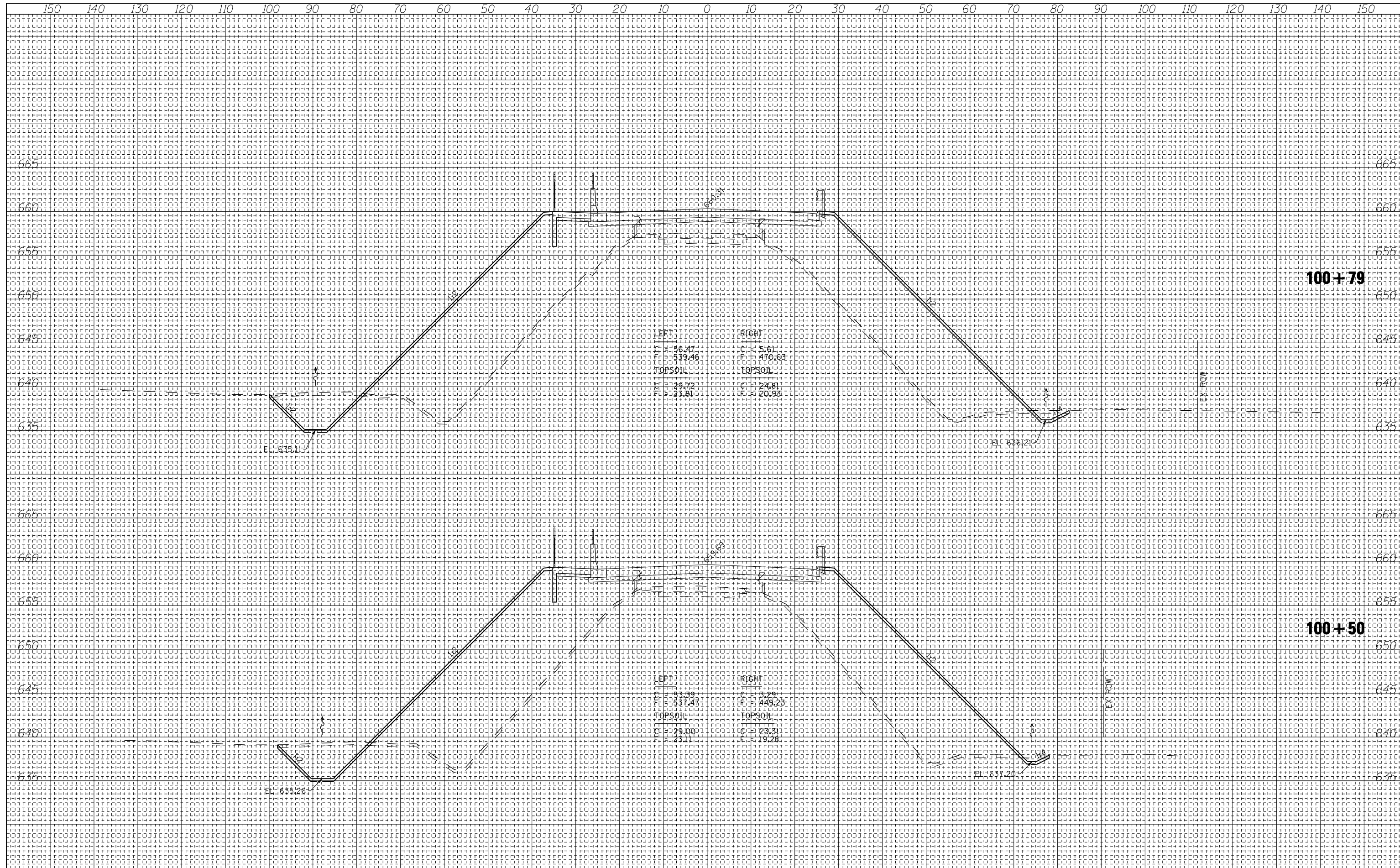
NORTH STREET CROSS SECTIONS

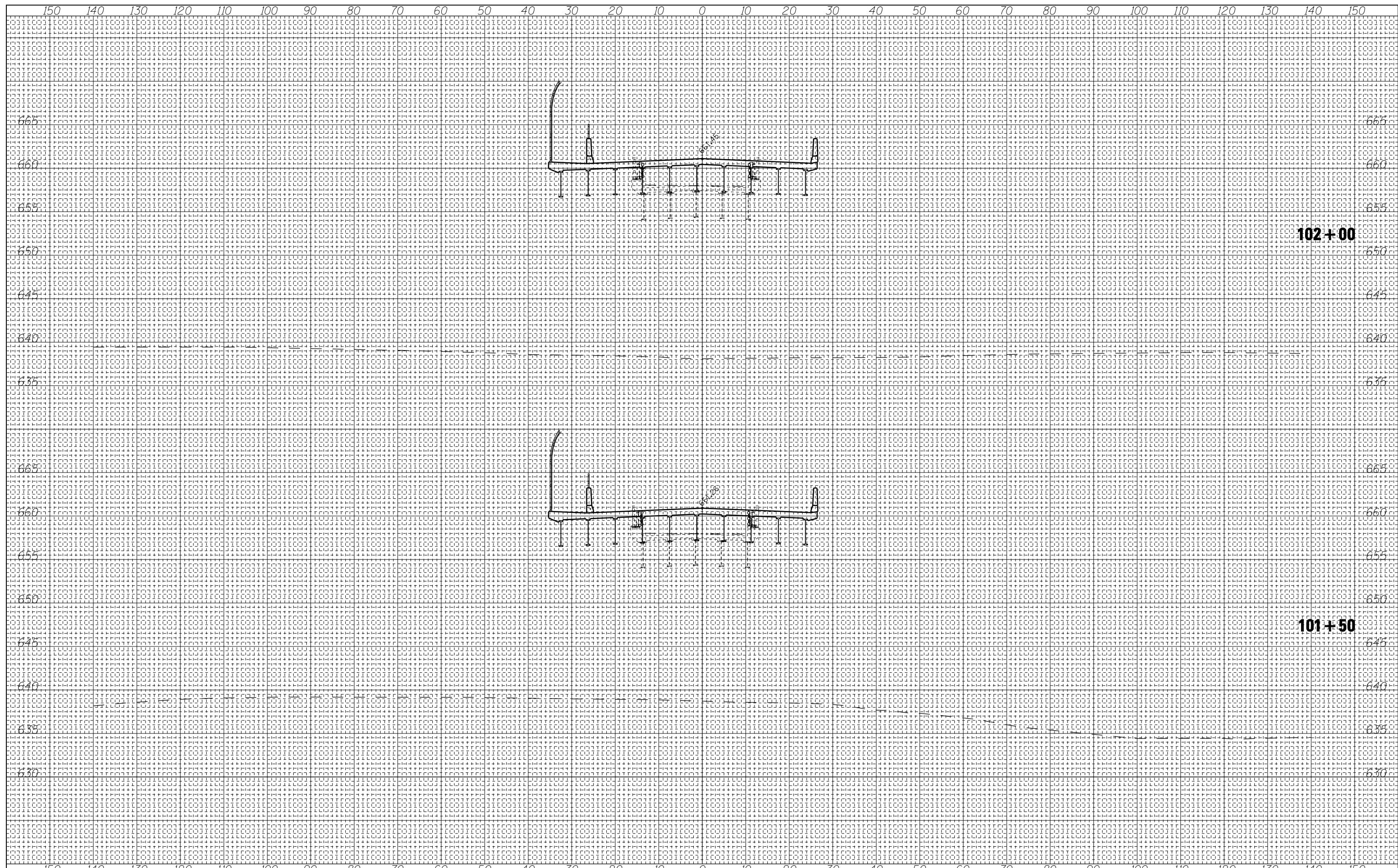
SCALE: AS SHOWN SHEET NO. 6 OF 17 SHEETS STA. 99+50 TO STA. 100+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	110
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT AID	
			CONTRACT NO. 66885	

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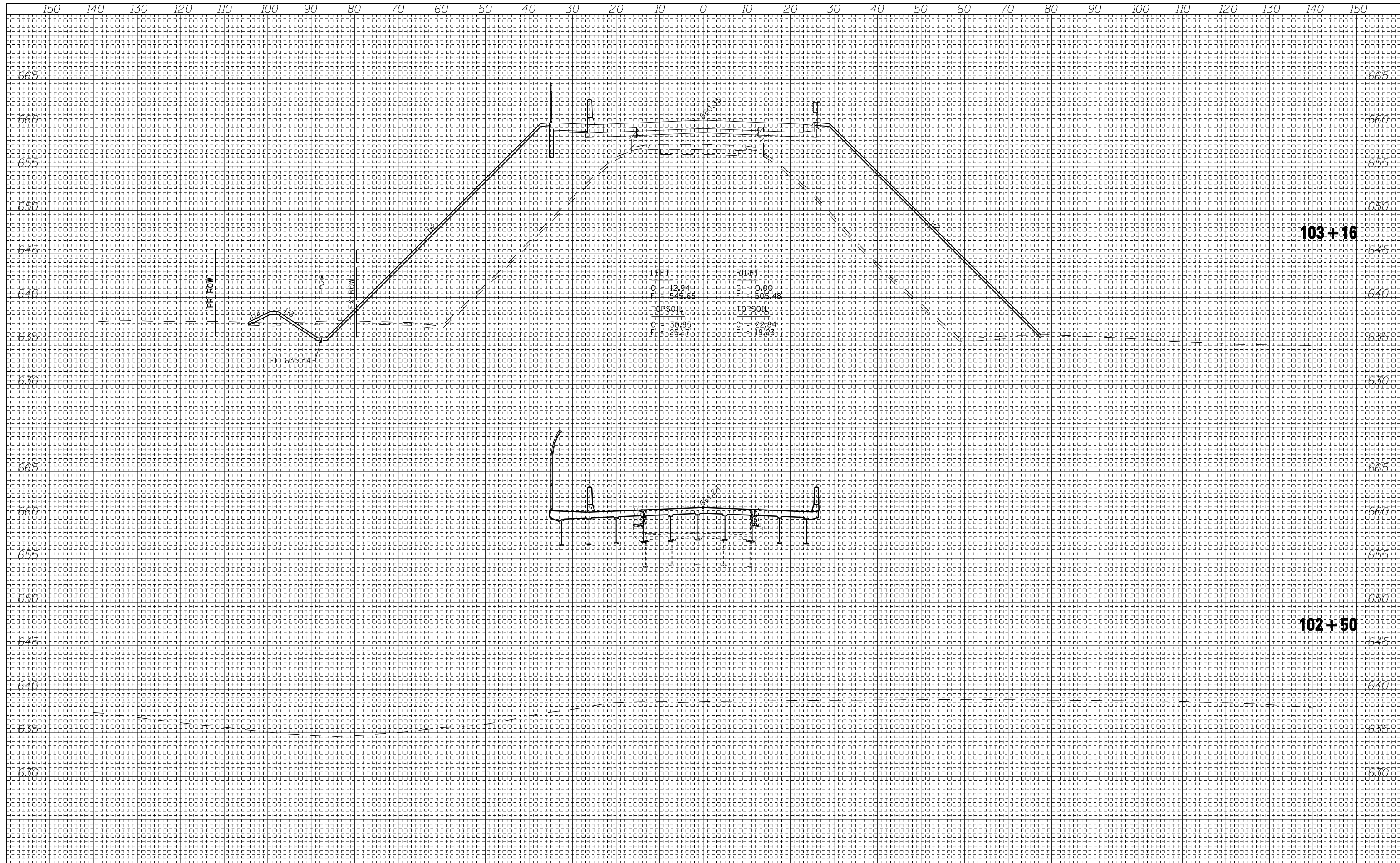


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NOTE BOOK	NOTE BOOK
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DESIGNED - MTD
 DRAWN - RJT/HAS
 CHECKED - RDP
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

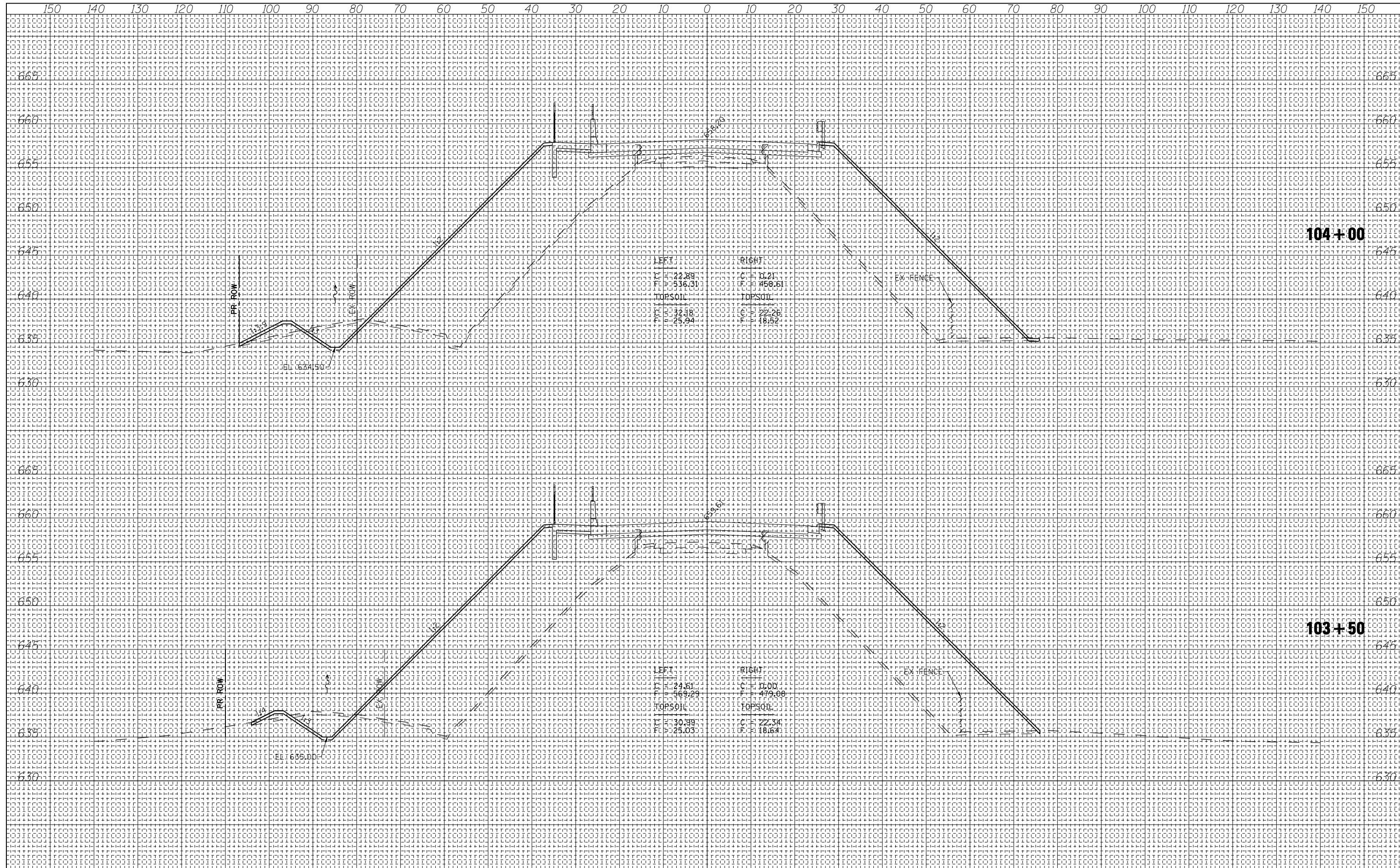
NORTH STREET CROSS SECTIONS

SCALE: AS SHOWN SHEET NO. 9 OF 17 SHEETS STA. 102+50 TO STA. 103+16

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	113
CONTRACT NO. 66885				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT AID		

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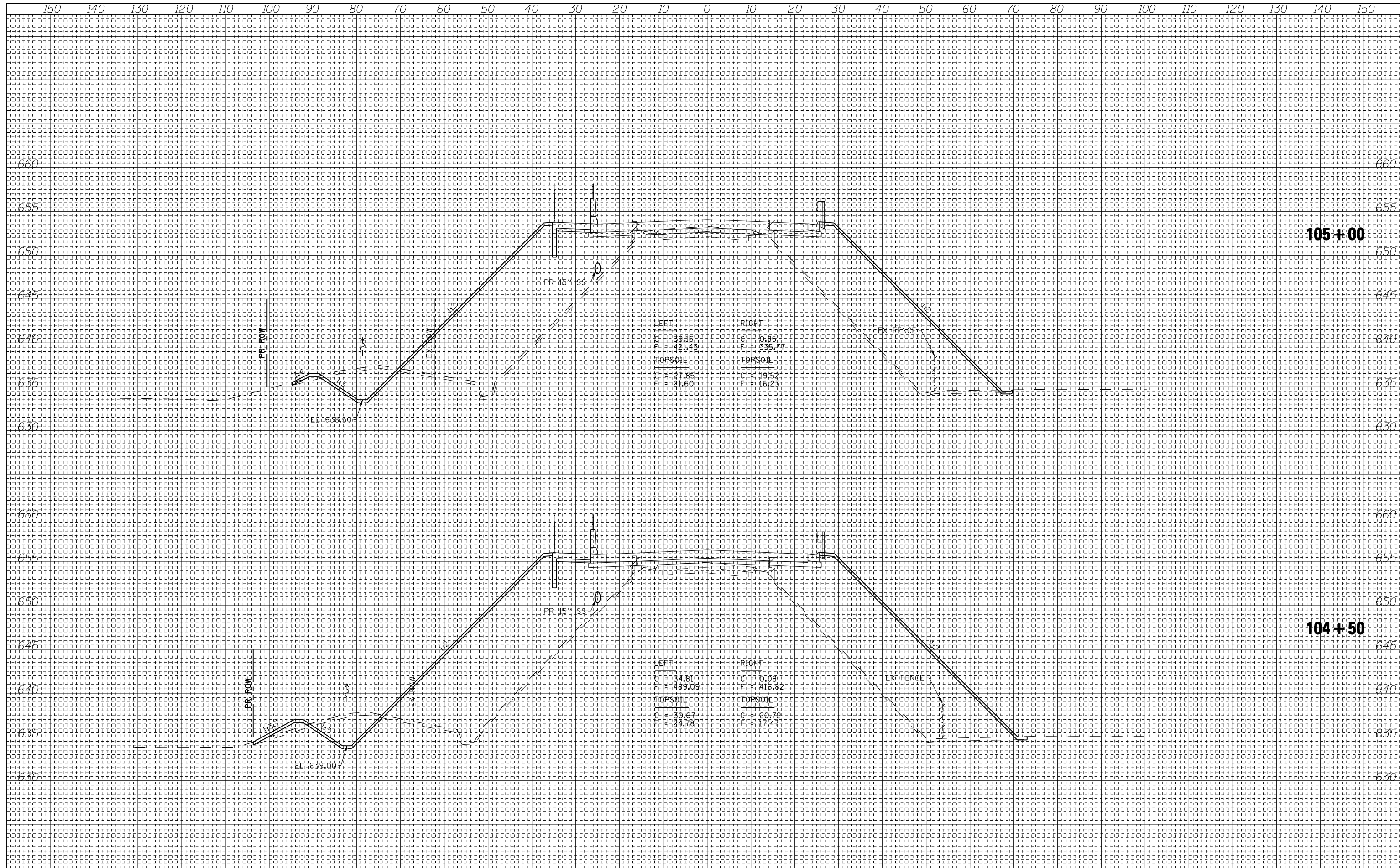
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	USER NAME = rjt	DESIGNED - MTD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH STREET CROSS SECTIONS		F.A.I. RE. 57	SECTION (46-3)HR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 114
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	PLOT SCALE = 20,000' / IN.	CHECKED - RDP	REVISED -								
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 DATE - 06/12

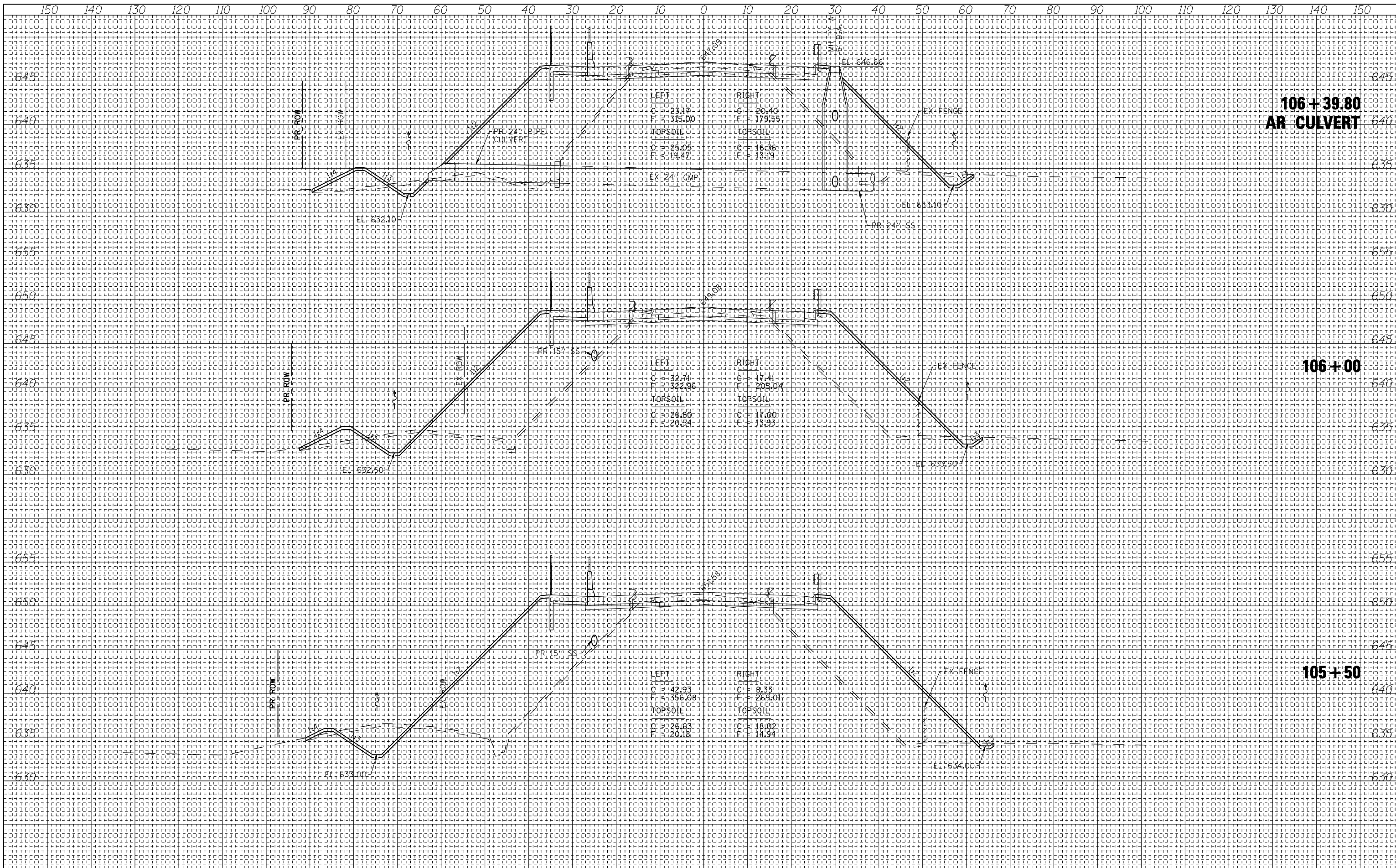
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NORTH STREET CROSS SECTIONS

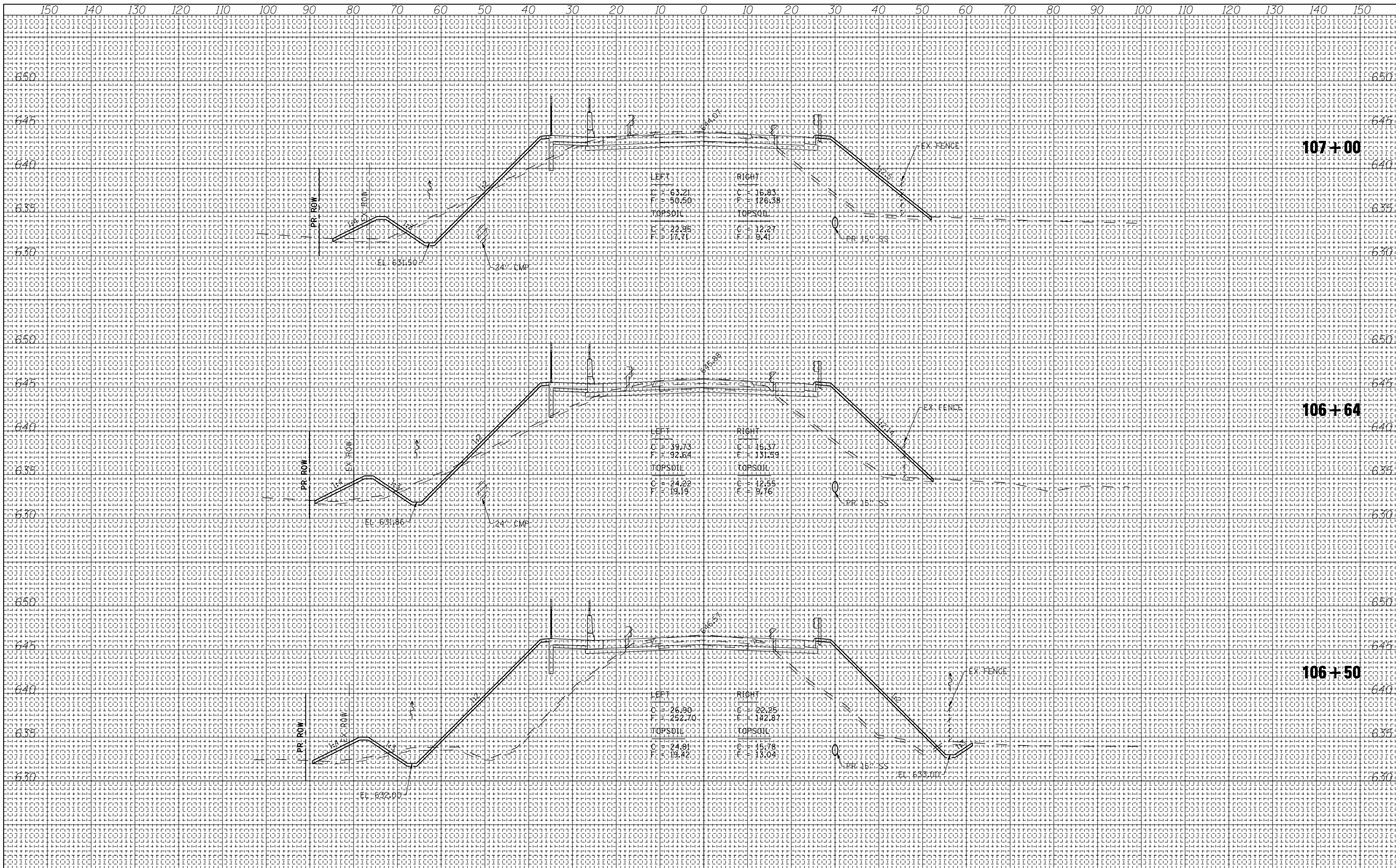
SCALE: AS SHOWN SHEET NO. 11 OF 17 SHEETS STA. 104+50 TO STA. 105+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	115
CONTRACT NO. 66885			ILLINOIS FED. AID PROJECT AID	



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DESIGNED - MTD
 DRAWN - RJT/HAS
 CHECKED - RDP
 DATE - 06/12

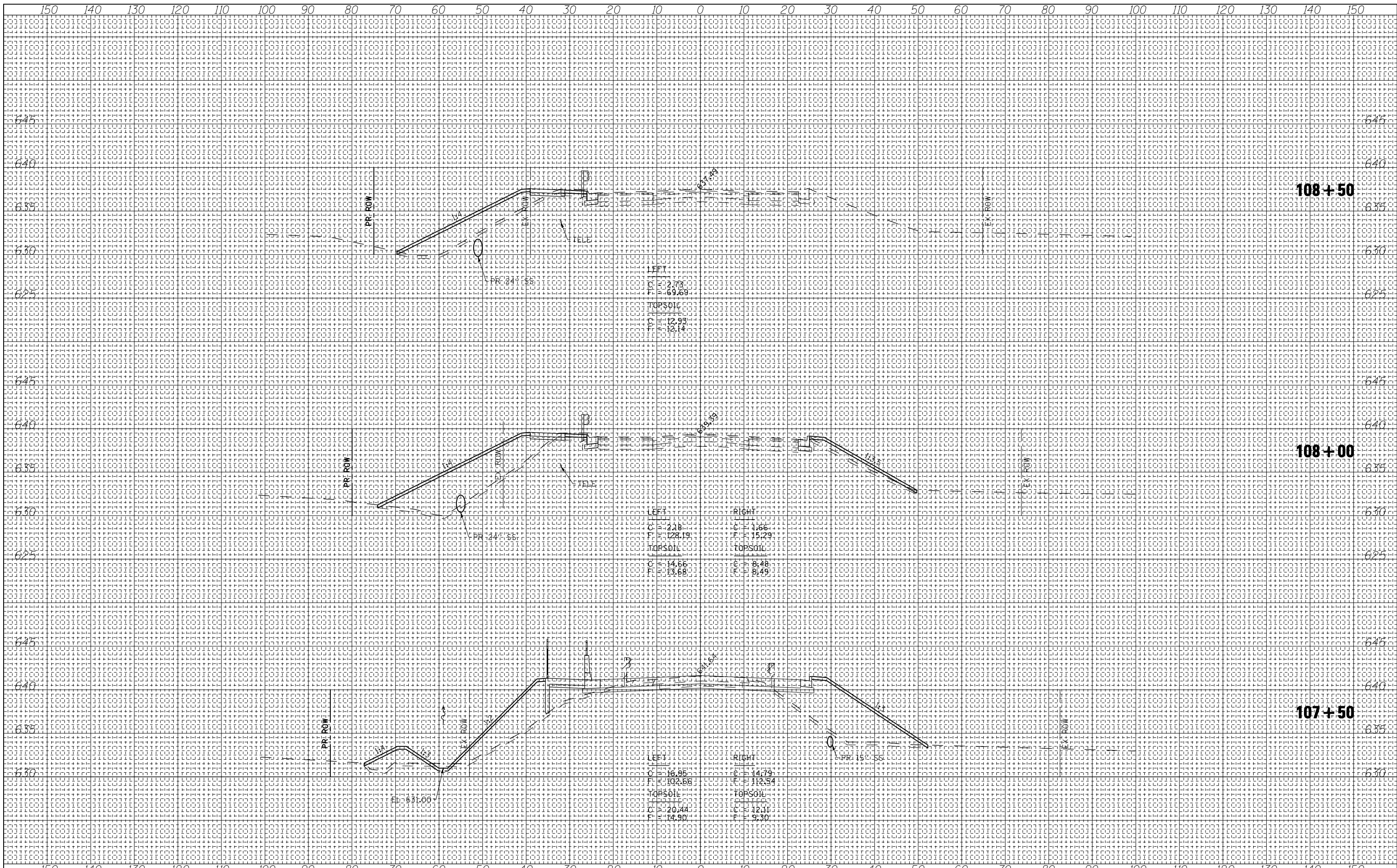
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NORTH STREET CROSS SECTIONS
 SCALE: AS SHOWN SHEET NO. 13 OF 17 SHEETS STA. 106+50 TO STA. 107+00

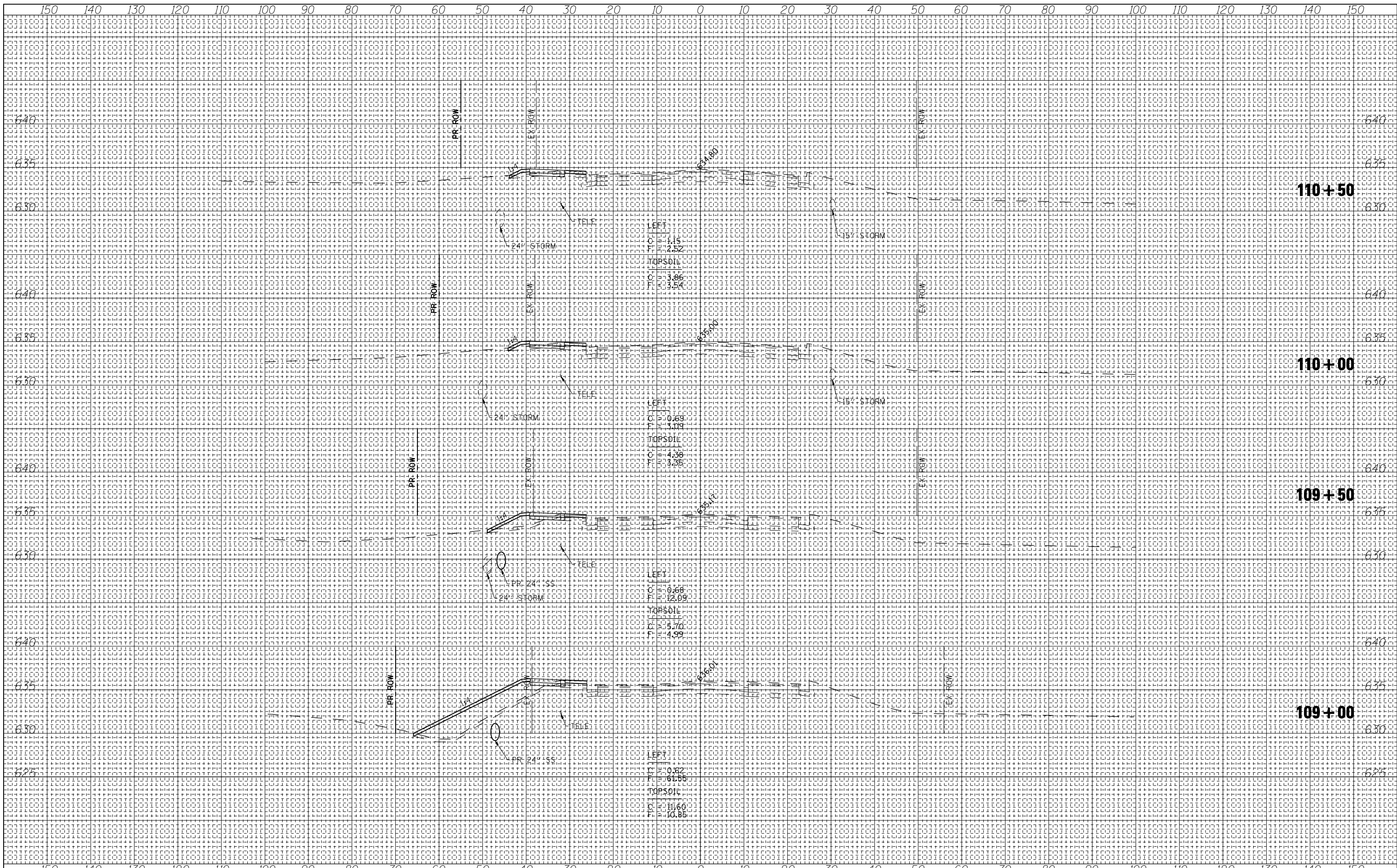
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3)HR	KANKAKEE	126	117

CONTRACT NO. 66885
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT AID



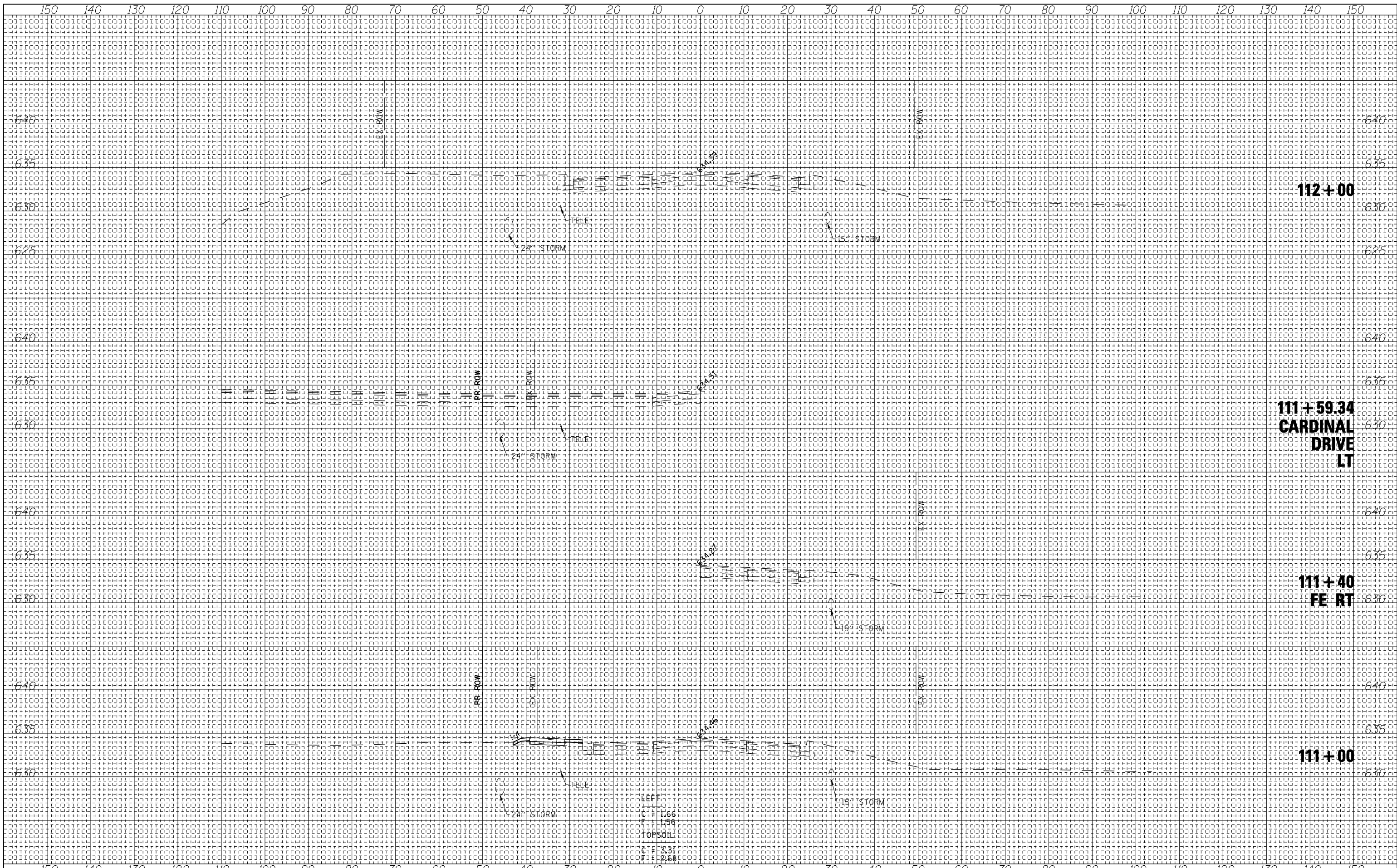
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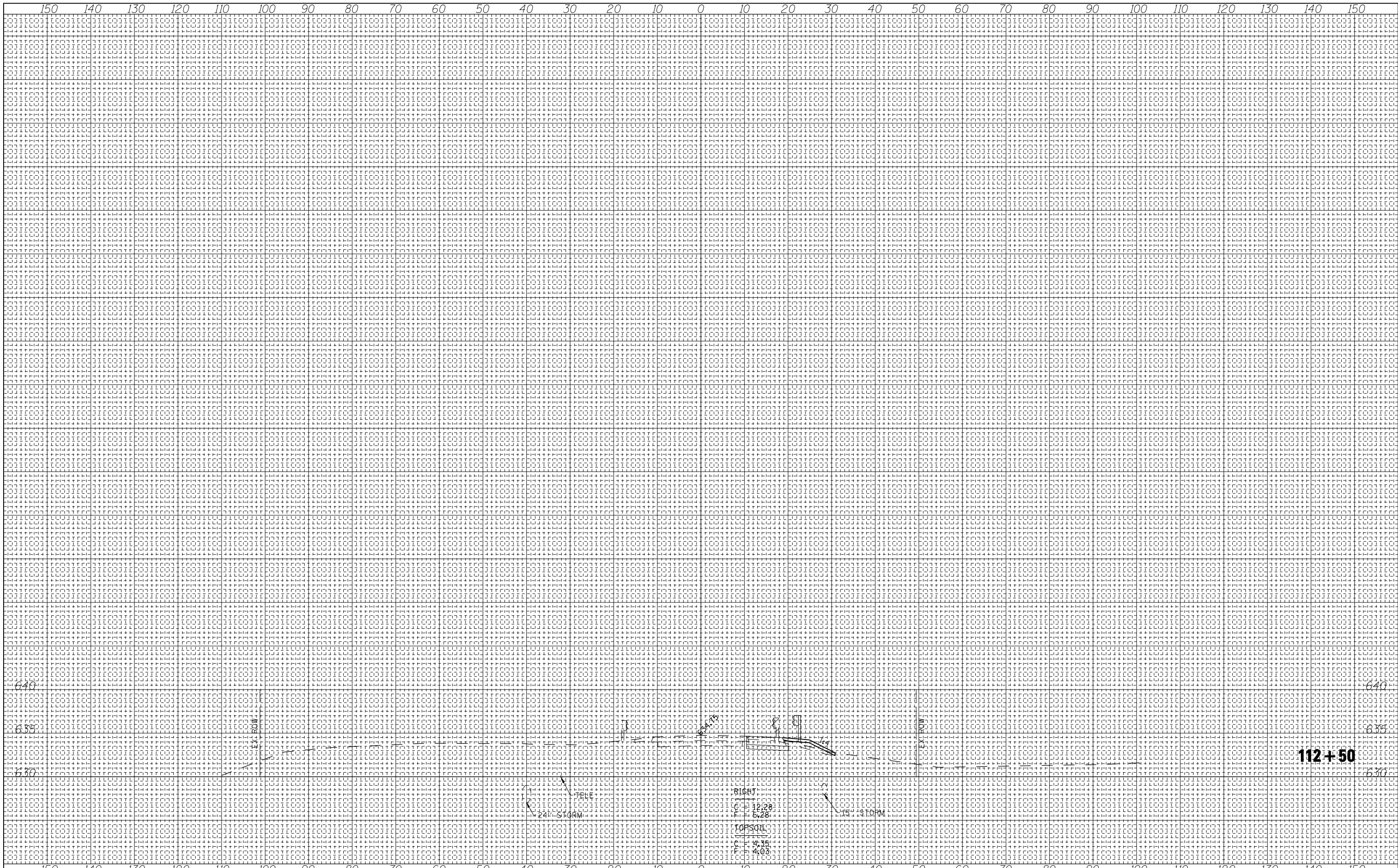
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 CHECKED - RDP
 DATE - 06/12

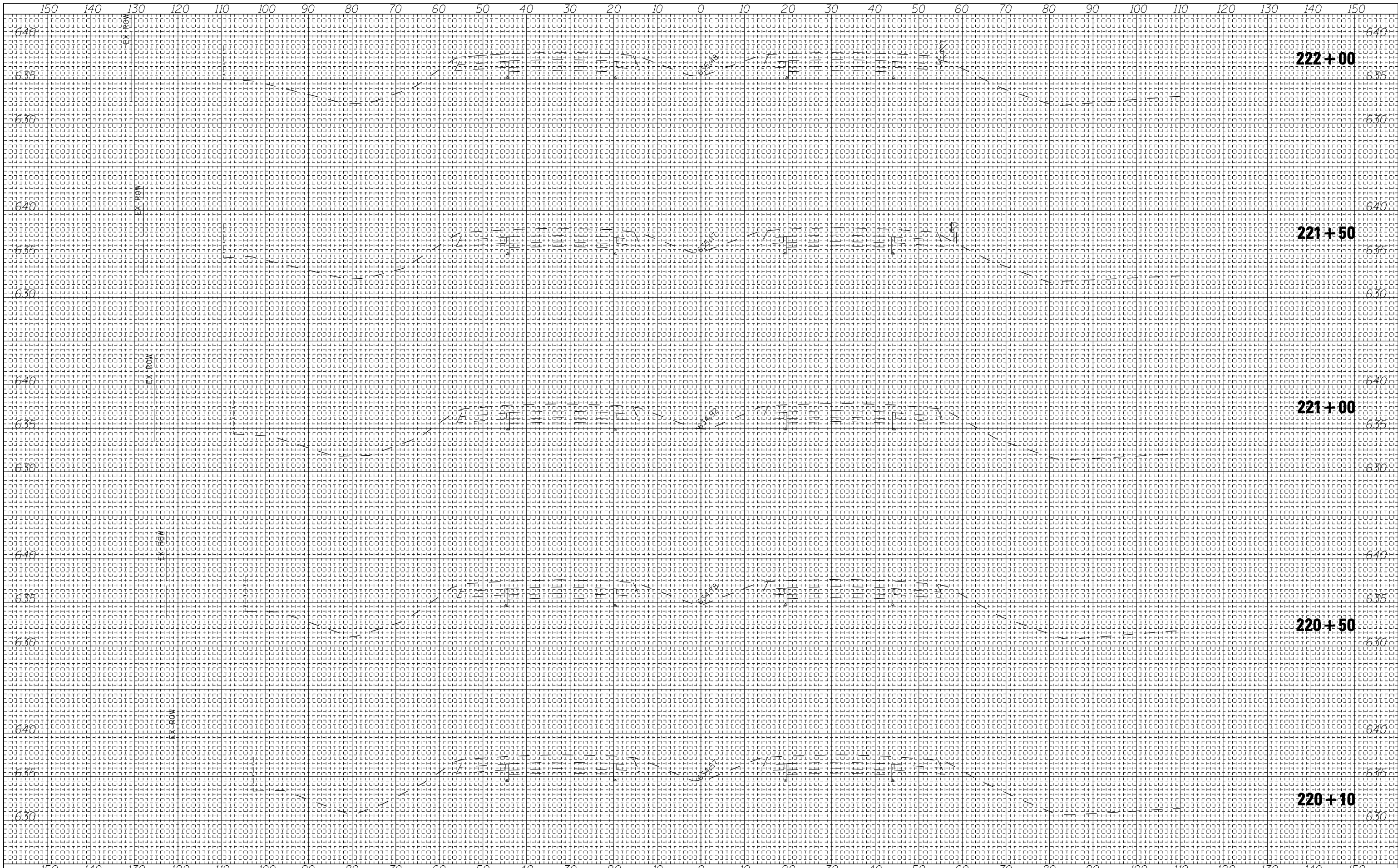
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NORTH STREET CROSS SECTIONS

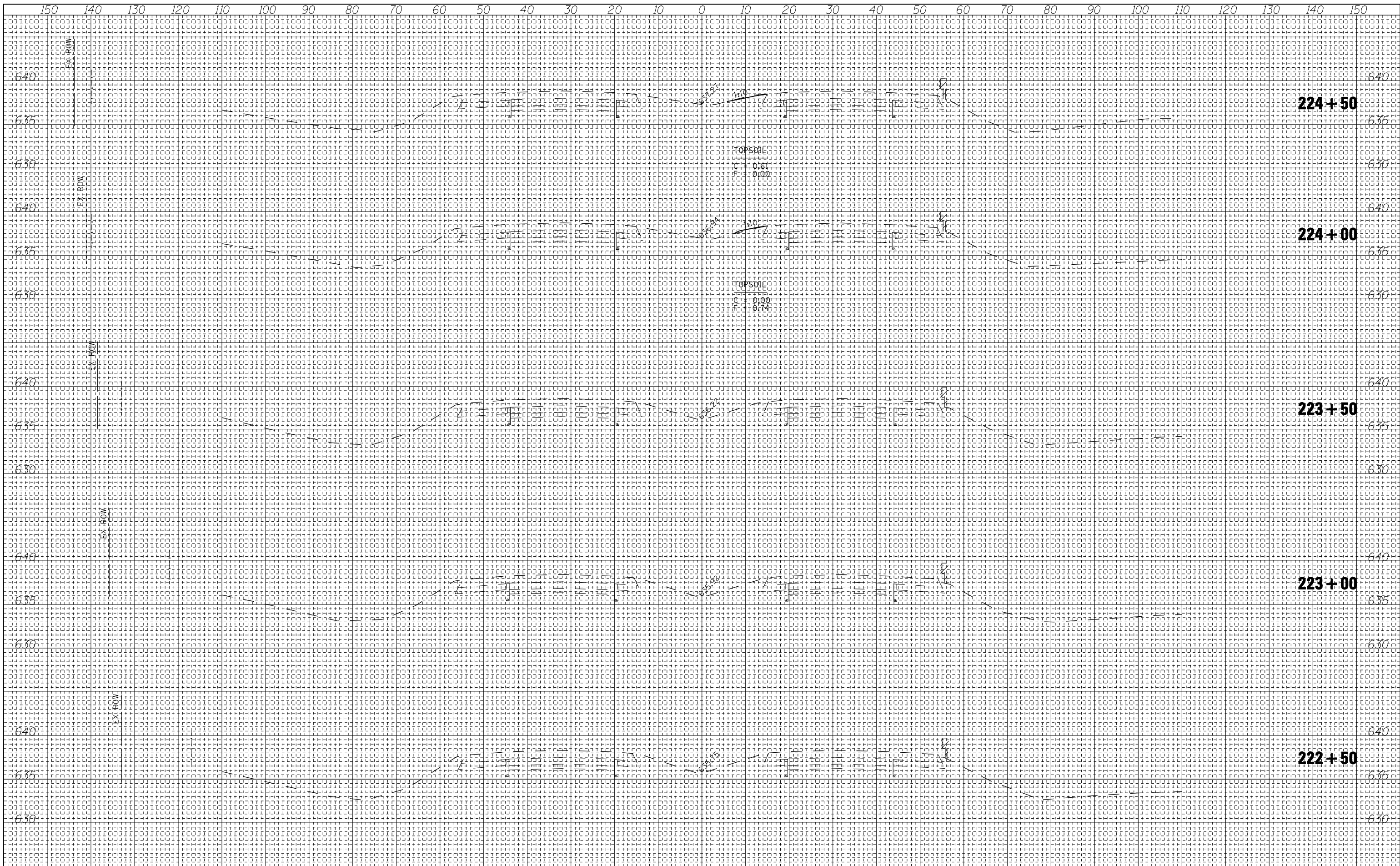
SCALE: AS SHOWN SHEET NO. 17 OF 17 SHEETS STA. 112+50 TO STA. 112+50

F.A.I. RTE. 57	SECTION (46-3)HR	COUNTY KANKAKEE	TOTAL SHEETS 126	SHEET NO. 121
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT AID			CONTRACT NO. 66885	



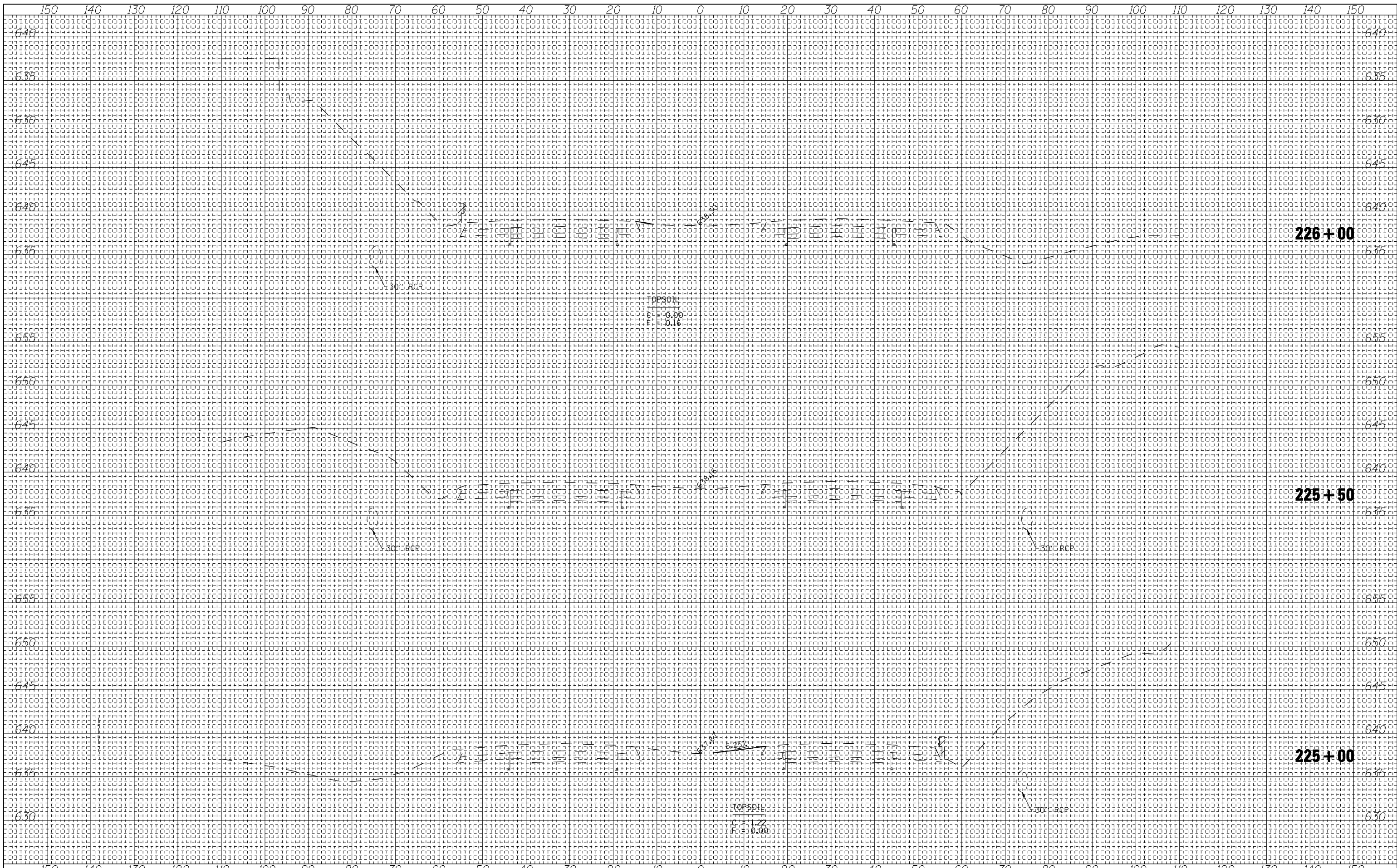
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BY	DATE
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NOTE BOOK NO.	AREAS CHECKED



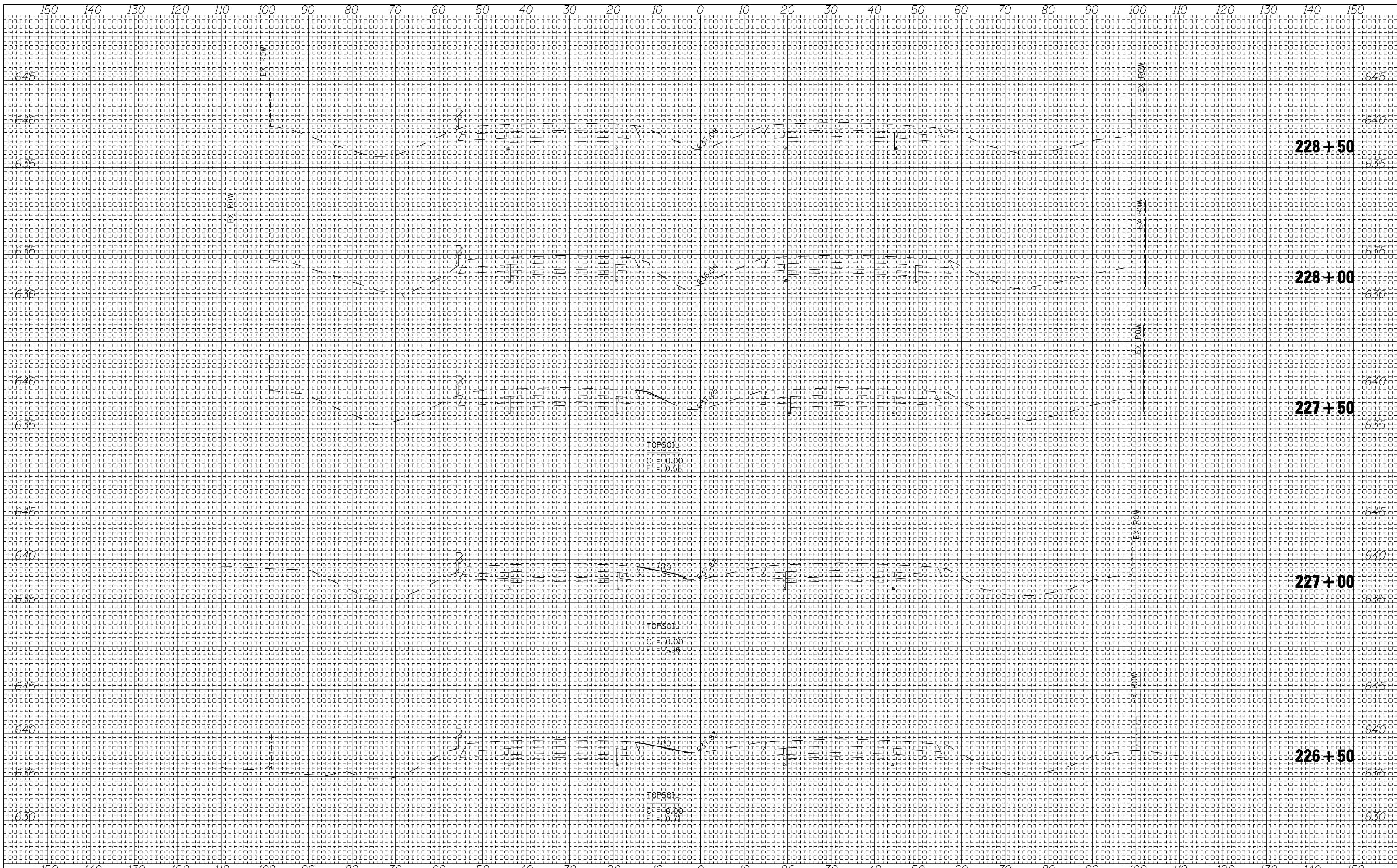
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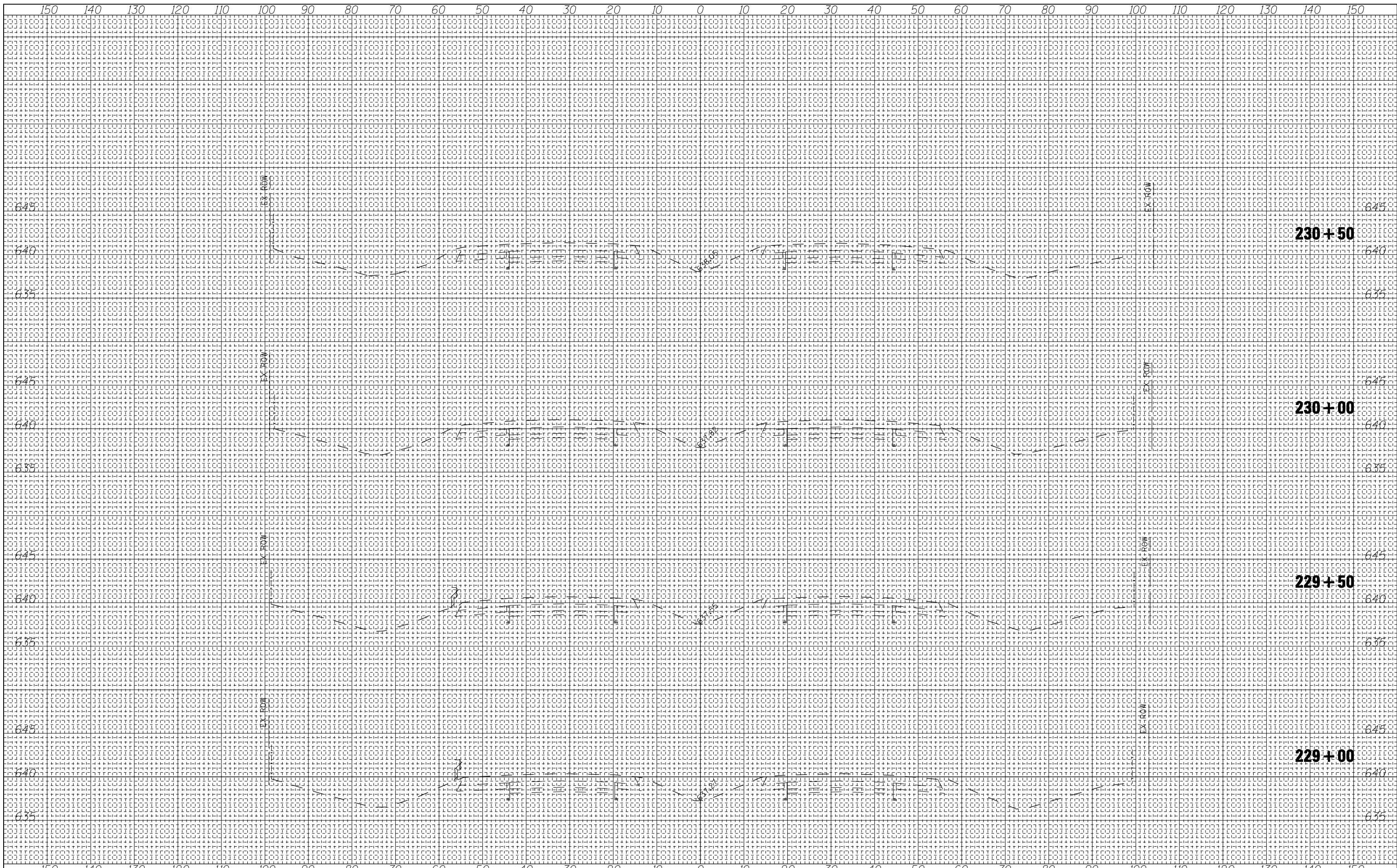
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