

08-04-2023 LETTING ITEM 058

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAP 873 (IL 149)
SECTION (28-5)K-1
PROJECT NHPP-JH89(002)
ROUNDAABOUT
FRANKLIN COUNTY

C99-089-20

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-14

TRAFFIC DATA
ADT 10400 WITH 3.7% TRUCKS

TOWNSHIP
DENNING

DESIGN DESIGNATION:
1835(23) MINOR ARTERIAL 5.02(PCC-20)

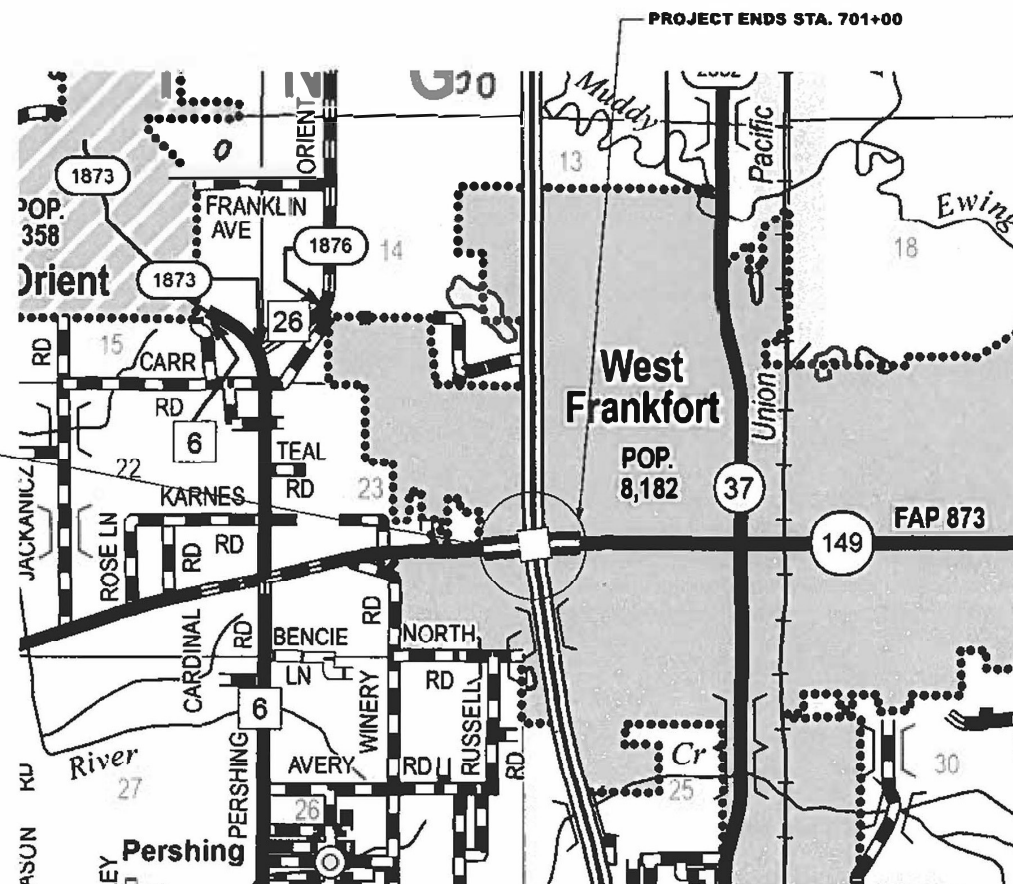
COORDINATE SYSTEM :
EPSG 102671
NAD 1983 STATEPLANE ILLINOIS EAST FIPS 1201 FEET

POSTED SPEED : 35 MPH

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

PROJECT ENGINEER: SUSAN POE
PROJECT DESIGNER: CHRIS RUSSELL

CONTRACT NO. 78814

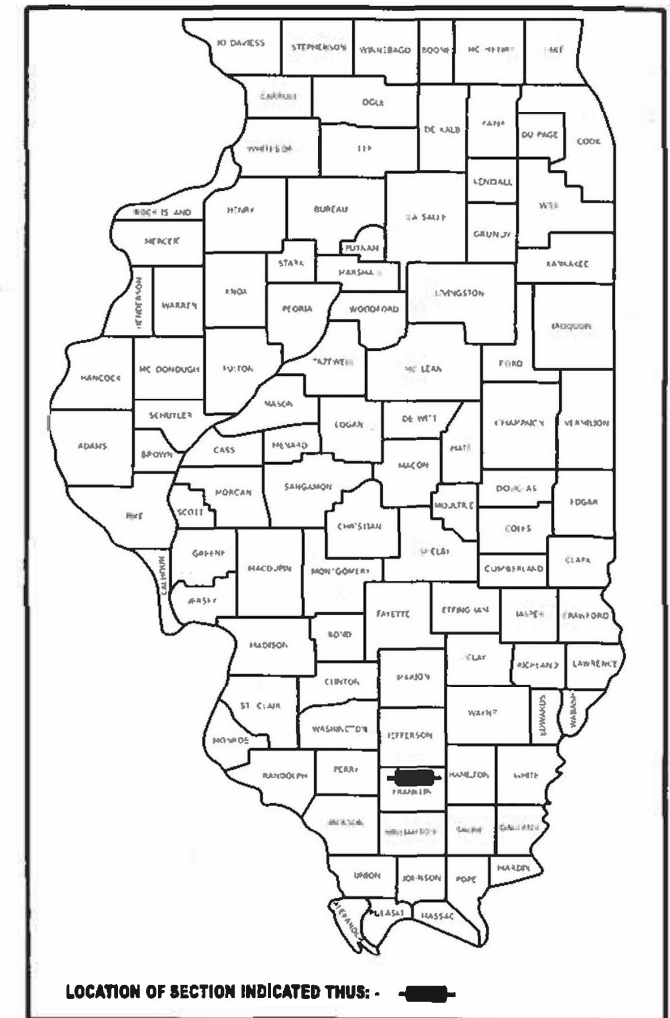


GROSS LENGTH = 1850 FT. = 0.35 MILES
NET LENGTH = 1850 FT. = 0.35 MILES

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
873	(28-5)K-1	FRANKLIN	162*	1
CONTRACT NO. 78814				

* 162 + 2 = 164 TOTAL SHEETS

D-99-069-20



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 15 20 23

Kirk H. Brown
REGION FIVE ENGINEER

June 30, 2023 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

June 30, 2023 [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

REV. - MS

Examined By: Nancy Lee
DISTRICT LAND ACQUISITION ENGINEER

Examined By: RGD
DISTRICT OPERATIONS ENGINEER

Examined By: Daraj M. Al-Sayid
DISTRICT CONSTRUCTION ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 2	OF 47	SHEETS	STA.	TO STA.
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MODEL: Signature [Sheet]
FILE NAME: pmi-dot-usa@bentley.com; PMIDOT\Documents\DOT Offices\District 9\ORD Projects\T&E\ACADData\CADsheets\DS78314-SHA-Cover_Sig.dgn

INDEX OF SHEETS

1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS
4	GENERAL NOTES, MIX DESIGN
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143-162	CROSS SECTIONS

REV. - MS

HIGHWAY STANDARDS

000001-08_STANDARDSYMBOLSABBREVIATIONS-PATTERNS-001
001001-02_AREASOFREINFREBARS
001006_DECIMALOFINCH-FOOT
280001-07_TEMPEROSIONCNTRLSYSTEMS
420001-10_PAVEMENTJOINTS
420101-07_24FTJOINTEDPCCPVT
420401-13_PAVEMENTCONNECTOR(PCC)FORBRIDGEAPPROACHSLAB
424001-11_PERPENDICULARCURBRAMPS
424031-02_MEDIANPEDESTRIANCROSSINGS
483001-06_PCCSHLD
542301-03_PRECASTREINFCONCFLAREDENDSECT
602306-03_INLET-TYPEB
602601-06_PRECASTREINFCONCFLATSLABTOP
604006-05_FRAME-GRATETYPE3
604061-03_FRAME-GRATETYPE12
606001-08_CONCCURBTYPEB-COMBOCONCC-G
606006-04_OUTLETSFORCONCC-G-TYPEB-6.24
606301-04_PCCISLANDS-MEDIANS
631031-18_TRAFBARTERMTYPE6
701101-05_OFFRDOP-MULTILN-LESSTHAN15FTTOEOP
701106-02_OFFRDOP-MULTILN-MORETHAN15FTAWAY
701311-03_LNCLOSURE2L2W-MOVINGOPDAYONLY
701401-13_LNCLOSUREFRWAYEXPWAY
701428-01_TRAFFICCONTROLSETUPREMOVALFREEWAYEXPRESSWAY
701446-11_TWOLNCLOSURE-FRWAYEXPWAY-284
701451-05_RAMPCLOSUREFREEWAYEXP
701502-09_URBANLNCLOSURE2L2WWITHBIDIRECTLEFTTURNLN
701601-09_URBANLNCLOSUREMULTILN1W2WWITHNONTRVSABLEMED
701801-06_SIDEWALKCORNERORCROSSWALKCLOSURE
701901-08_TRAFCNTRLDEVICES
704001-08_TEMPCONCBARRIER
720001-01_SIGNPANELMOUNTDETAILS
720006-04_SIGNPANELERECTDETAILS
720011-01_METALPOSTSFORSIGNSMRKRS-DELINEATORS
720021-03_SIGNPANELS-EXTRUDEDALUMTYPE
725001-01_OBJECTANDTERMINALMARKERS
728001-01_TELESCOPINGSTEELSIGNSUPPORT
731001-01_BASEFORTELESCOPINGSTEELSIGNSUPPORT
780001-05_TYPICALPVMTMRKINGS
782006-01_GUARDRAILANDBARRIERWALLREFLECTORMOUNTINGDEATILS
630301-09_SHOULDERWIDENINGFOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701400-11_APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
805001-01_ELECTRICAL SERVICE INSTALLATION DETIALS
821101-02_LUMINAIRE WIRING IN POLE
825026-04_LIGHTING CONTROLLER, BASE MOUNTED, 480V
830006-05_LIGHT POLE ALUMINUM DAVIT ARM
836001-04_LIGHT POLE FOUNDATION
836011-02_LIGHT POLE FOUNDATION WITH 44 IN. CONCRETE BARRIER
838001-01_BREAKAWAY DEVICES
BLR 21-9_TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

FILE NAME - DWG	USER NAME = Tristen,Rold	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS HIGHWAY STANDARDS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -						873	(28-5)K-1	FRANKLIN	162	3	
	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -											
	PLOT DATE = 5/17/2023	DATE -	REVISED -											
					SCALE:	SHEET 3	OF 50	SHEETS	STA.	TO STA.				
					CONTRACT NO. 78814									
				ILLINOIS FED. AID PROJECT										

MODEL: general notes - General notes (Sheet)
FILE NAME: p:\projects\2023\230000\230000.dgn
PROJECT: 230000
SHEET: 1
DATE: 7/17/2023
DRAWN: J. Reid
CHECKED: J. Reid
DESIGNED: J. Reid
REVISIONS: 1
SCALE: 1"=40'

Locations	Temporary Pavement – Top Lift
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix-D, N70
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyraton Design
Mixture Composition: (Gradation Mixture)	9.5mm
Friction Aggregate:	Mix D
Mixture Weight:	112 lbs./Sq Yd/in
Quality Management Program:	QC/QA
Sublot Size:	3000 ton
Material Transfer Device	No

Locations	Stabilized Subbase 4", Temporary Pavement – Lower Lifts
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-19.0
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-19.0 mm
Friction Aggregate:	None
Mixture Weight:	112 lbs./Sq Yd/in
Quality Management Program:	QC/QA
Sublot Size:	3000 ton
Material Transfer Device	No

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL AGGREGATE	2.05 TONS/CU. YD.
RIPRAP	1.50 TONS/CU. YD.

TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.

THE PROPOSED LIGHT POLE FOUNDATION SHALL BE FLUSH WITH EXISTING SURFACE.
REMOVAL OF ABANDONED UTILITIES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION

DUE TO THE PRESENCE OF ENDANGERED/THREATENED SPECIES OR HABITAT, CLEARING OF TREES SHALL BE PROHIBITED FROM APRIL 1 THROUGH SEPTEMBER 30.

PAYMENT FOR TIEBARS AND DOWEL BARS SHALL BE INCLUDED IN THE COST OF THE PROPOSED PAVEMENT AND/OR COMBINATION CURB AND GUTTER.

ALL AGGREGATE SHOWN ON STANDARD 606301 SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE, 4 INCH.

THE REMOVAL OF RIP-RAP IN EXISTING DITCHES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

CONNECTING OF NEW OR EXISTING STORM SEWERS TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLAVED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLAVED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSTRUCTED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTERS INVOLVED.

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.

	USER NAME = Tristen,Reid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MIX DESIGN GENERAL NOTES		F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				873	(28-5)K-1	FRANKLIN	162	4
	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -				CONTRACT NO. 78814				
	PLOT DATE = 7/17/2023	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.					

SUMMARY OF QUANTITIES

COUNTY:	FRANKLIN CO	FRANKLIN CO	FRANKLIN CO
ROUTE:	IL 149	IL 149	IL 149
FUNDING:	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE
LOCATION:	RURAL	RURAL	RURAL
TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021	BRIDGE 0059

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021	BRIDGE 0059
20200100	EARTH EXCAVATION	CU YD	6,879	6,879		
20800150	TRENCH BACKFILL	CU YD	481	481		
25000115	SEEDING, CLASS 1B	ACRE	2.19	2.19		
25000350	SEEDING, CLASS 7	ACRE	2.19	2.19		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	204	204		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	204	204		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	204	204		
25000700	AGRICULTURAL GROUND LIMESTONE	TON	4.38	4.38		
25100115	MULCH, METHOD 2	ACRE	4.38	4.38		
25100630	EROSION CONTROL BLANKET	SQ YD	1,646	1,646		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	657	657		
28000305	TEMPORARY DITCH CHECKS	FOOT	480	480		
28000400	PERIMETER EROSION BARRIER	FOOT	3,533	3,533		
28100107	STONE RIPRAP, CLASS A4	SQ YD	44	44		

MODEL: SQO (Sheet)
FILE NAME: p:\2025\25-005\25-005.dwg
PROJECT: 25-005\25-005.dwg
DATE: 5/23/2023

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = Tristen Reid				DESIGNED -				873	(28-5)K-1	FRANKLIN	162	5
PLOT SCALE = 0.16666633' / in.				CHECKED -				CONTRACT NO. 78814				
PLOT DATE = 5/23/2023				DATE -				ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

SUMMARY OF QUANTITIES - CONT			COUNTY:	FRANKLIN CO	FRANKLIN CO	FRANKLIN CO
			ROUTE:	IL 149	IL 149	IL 149
			FUNDING:	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE
			LOCATION:	RURAL	RURAL	RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	BRIDGE
				0004	0021	0059
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	5,548	5,548		
31200100	STABILIZED SUBBASE 4"	SQ YD	4,818	4,818		
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	1,435	1,435		
42001300	PROTECTIVE COAT	SQ YD	5,061	5,061		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6,802	6,802		
42400800	DETECTABLE WARNINGS	SQ FT	300	300		
44000100	PAVEMENT REMOVAL	SQ YD	10,248	10,248		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,652	1,652		
44003100	MEDIAN REMOVAL	SQ FT	4,113	2,609		1,504
44004250	PAVED SHOULDER REMOVAL	SQ YD	1,729	1,729		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	21	21		
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	892	892		
50102400	CONCRETE REMOVAL	CU YD	23	23		
50104400	CONCRETE HEADWALL REMOVAL	EACH	5	5		

REV. - MS

USER NAME = Tristen.Roid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						873	(28-5)K-1	FRANKLIN	162	6
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PLOT DATE = 5/23/2023	DATE -	REVISED -		SCALE:	SHEET 6	OF 50	SHEETS	STA.	TO STA.			

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SUMMARY OF QUANTITIES - CONT

SUMMARY OF QUANTITIES - CONT			COUNTY:	FRANKLIN CO	FRANKLIN CO	FRANKLIN CO
			ROUTE:	IL 149	IL 149	IL 149
			FUNDING:	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE
			LOCATION:	RURAL	RURAL	RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	BRIDGE
				0004	0021	0059
50105220	PIPE CULVERT REMOVAL	FOOT	50	50		
50157300	PROTECTIVE SHIELD	SQ YD	277			277
50300100	FLOOR DRAINS	EACH	2			2
50300225	CONCRETE STRUCTURES	CU YD	41			41
50300255	CONCRETE SUPERSTRUCTURE	CU YD	68			68
50300260	BRIDGE DECK GROOVING	SQ YD	1,615			1,615
50300300	PROTECTIVE COAT	SQ YD	2,287			2,287
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	132			132
50800105	REINFORCEMENT BARS	POUND	1,616	1,616		1,616
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	66,080			66,080
50800515	BAR SPLICERS	EACH	244			244
50901720	BICYCLE RAILING	FOOT	44			44
50901730	BRIDGE FENCE RAILING	FOOT	512			512
50901750	PARAPET RAILING	FOOT	250			250
52000110	PREFORMED JOINT STRIP SEAL	FOOT	157			157

REV. - MS

USER NAME = Tristan.Reid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						873	(28-5)K-1	FRANKLIN	162	7
PLOT SCALE = 0.166666633' / in.	CHECKED -	REVISED -		CONTRACT NO. 78814								
PLOT DATE = 5/23/2023	DATE	REVISED -						SCALE:	SHEET 7	OF 50	SHEETS	STA.

SUMMARY OF QUANTITIES - CONT

SUMMARY OF QUANTITIES - CONT			COUNTY:	FRANKLIN CO	FRANKLIN CO	FRANKLIN CO
			ROUTE:	IL 149	IL 149	IL 149
			FUNDING:	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE
			LOCATION:	RURAL	RURAL	RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY	LIGHTING	BRIDGE
			QUANTITY	0004	0021	0059
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	6	6		
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	3	3		
54240510	CONCRETE COLLAR	CU YD	1.32	1.32		
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	470	470		
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	70	70		
55100500	STORM SEWER REMOVAL 12"	FOOT	165	165		
55100700	STORM SEWER REMOVAL 15"	FOOT	765	765		
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	6	6		
60240315	INLETS, TYPE B, TYPE 12 FRAME AND GRATE	EACH	2	2		
60500040	REMOVING MANHOLES	EACH	2	2		
60500060	REMOVING INLETS	EACH	7	7		
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	23	23		
60600605	CONCRETE CURB, TYPE B	FOOT	620	620		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3,071	3,071		

REV. - MS

FILE NAME: DWG	USER NAME = Tristen Reid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						873	(28-5)K-1	FRANKLIN	162	8
	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -						CONTRACT NO. 78814				
	PLOT DATE = 5/23/2023	DATE -	REVISED -		SCALE:	SHEET 8	OF 50 SHEETS	STA.	TO STA.				

SUMMARY OF QUANTITIES - CONT

SUMMARY OF QUANTITIES - CONT			COUNTY:	FRANKLIN CO	FRANKLIN CO	FRANKLIN CO
			ROUTE:	IL 149	IL 149	IL 149
			FUNDING:	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE
			LOCATION:	RURAL	RURAL	RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	BRIDGE
				0004	0021	0059
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	353	353		
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	2,056	2,056		
60622400	CONCRETE MEDIAN, TYPE SM-6.06	SQ FT	1,235	1,235		
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2		
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2		
63200310	GUARDRAIL REMOVAL	FOOT	120	120		
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	260	260		
66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3		
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	2	2		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	13	13		
67100100	MOBILIZATION	L SUM	1	1		
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1			1

* SPECIALTY ITEM

REV. - MS

FILE NAME: D:\PROJECTS\ILLINOIS\STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION\CONTRACT NO. 78814	USER NAME = Tristen Reid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -						873	(28-5)K-1	FRANKLIN	162	9
	PLOT DATE = 5/23/2023	CHECKED -	REVISED -						CONTRACT NO. 78814				
		DATE -	REVISED -		SCALE:	SHEET 9	OF 50 SHEETS	STA.	TO STA.				

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	FRANKLIN CO	FRANKLIN CO	FRANKLIN CO
				ROUTE:	IL 149	IL 149	IL 149
				FUNDING:	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE
				LOCATION:	RURAL	RURAL	RURAL
					ROADWAY 0004	LIGHTING 0021	BRIDGE 0059
70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	L SUM	1				1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	150		150		
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1		1		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	640		640		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	9,396		9,396		
70303100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - MODIFIED URETHANE	SQ FT	883		883		
70303120	TEMPORARY PAVEMENT MARKING - LINE 4" - MODIFIED URETHANE	FOOT	2,302		2,302		
70303140	TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE	FOOT	702		702		
70303160	TEMPORARY PAVEMENT MARKING - LINE 12" - MODIFIED URETHANE	FOOT	500		500		
70303190	TEMPORARY PAVEMENT MARKING - LINE 18" - MODIFIED URETHANE	FOOT	170		170		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	250				250
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	12				12
* 72000100	SIGN PANEL - TYPE 1	SQ FT	383		383		
* 72000300	SIGN PANEL - TYPE 3	SQ FT	906		906		

* SPECIALTY ITEM

MODEL: SQO (Sheet)
FILE NAME: p:\2025\25-0001\Documents\DOT Office\United States\DOT Project\78814\CA\Drawings\DOT\78814-SHC-SQO.dgn

	USER NAME = Tristen Reid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633" / in.	DRAWN -	REVISED -						873	(28-5)K-1	FRANKLIN	162	10
	PLOT DATE = 5/23/2023	CHECKED -	REVISED -		SCALE:	SHEET 10	OF 50 SHEETS	STA.	TO STA.	CONTRACT NO. 78814			
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

REV. - MS

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	FRANKLIN CO	FRANKLIN CO	FRANKLIN CO
				ROUTE:	IL 149	IL 149	IL 149
				FUNDING:	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE
				LOCATION:	RURAL	STATE RURAL	RURAL
					ROADWAY	LIGHTING	BRIDGE
					0004	0021	0059
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	18		18		
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	612		612		
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	10		10		
* 72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	176		176		
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	6,426		6,426		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	483		483		
* 73000100	WOOD SIGN SUPPORT	FOOT	354		354		
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	29		29		
* 73400100	CONCRETE FOUNDATIONS	CU YD	16		16		
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	16		16		
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	16		16		
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	883		883		
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	2,302		2,302		
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	702		702		

* SPECIALTY ITEM

REV. - MS

MODEL: SQO7 [Sheet]
FILE NAME: p:\2025\25-0001\Documents\DOT Office\United States\DOT Project\7814\CA\Drawings\DOT\7814-SHC-SQO7.dgn

	USER NAME = Tristen.Reid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633 1/ in.	DRAWN -	REVISED -					873	(28-5)K-1	FRANKLIN	162	11
	PLOT DATE = 5/23/2023	CHECKED -	REVISED -		SCALE: SHEET 11 OF 50 SHEETS STA TO STA.			ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -					CONTRACT NO. 78814				

SUMMARY OF QUANTITIES - CONT

SUMMARY OF QUANTITIES - CONT				COUNTY:	FRANKLIN CO	FRANKLIN CO	FRANKLIN CO
				ROUTE:	IL 149	IL 149	IL 149
				FUNDING:	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE
				LOCATION:	RURAL	RURAL	RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	BRIDGE	
			0004	0021	0059		
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	500	500		
*	78009018	MODIFIED URETHANE PAVEMENT MARKING - LINE 18"	FOOT	170	170		
	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	4,034	4,034		
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1		
*	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	295	295		
*	81603040	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	4,335	4,335		
*	82110009	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION I	EACH	22	22		
*	82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1	1		
*	83002600	LIGHT POLE, ALUMINUM, 40 FT. M.H., 15 FT. DAVIT ARM	EACH	22	22		
*	83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6'	EACH	22	22		
*	83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	88	88		
	84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	12	12		
	84200804	REMOVAL OF POLE FOUNDATION	EACH	12	12		
	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1	1		

* SPECIALTY ITEM

REV. - MS

MODEL: SOQ 8 [Sheet]
FILE NAME: pw\ltdot-pw Bentley.com\PWIDOT\Documents\DOT Offices\District 9\ORD Projects\78514\CADD\data\CADsheets\0978814-ShtC-SOQ.dgn

FILE NAME: D02	USER NAME = Tristen Reid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							873	(28-5)K-1	FRANKLIN	162	12
	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -		SCALE: SHEET 12 OF 50 SHEETS STA. TO STA.					CONTRACT NO. 78814				
	PLOT DATE = 5/23/2023	DATE -	REVISED -							ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

COUNTY:	FRANKLIN CO	FRANKLIN CO	FRANKLIN CO
ROUTE:	IL 149	IL 149	IL 149
FUNDING:	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE
LOCATION:	RURAL	RURAL	RURAL
TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021	BRIDGE 0059

*

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY			
X0323117	LANDSCAPING GRAVEL	SQ YD	1,043	1,043		
X0327731	PARAPET MOUNTED BRIDGE LIGHTING SYSTEM	L SUM	1	1		
X1700010	STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	476	476		
X1700011	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH	SQ FT	3,907	3,907		
X2200003	FENCE (SPECIAL)	FOOT	516	516		
X4060995	TEMPORARY RAMP (SPECIAL)	SQ YD	196	196		
X4240440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (SPECIAL)	SQ FT	1,257	1,257		
X4402805	ISLAND REMOVAL	SQ FT	397	397		
X5503101	PLUG EXISTING PIPE	CU YD	0.28	0.28		
X6024502	INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE	EACH	2	2		
X6061815	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)	FOOT	841	841		
X6350120	DELINEATOR REMOVAL	EACH	104	104		
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	516	516		

* SPECIALTY ITEM

REV. - MS

MODEL: SQO (Sheet)
FILE NAME: p:\2025\25-0001\Documents\DOT Office\United States\DOT Project\7814\CA\Drawings\DOT\7814-SHC-SQO.dgn

USER NAME = Tristan Reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633 / in.	CHECKED -	REVISED -
PLOT DATE = 5/23/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 13 OF 50 SHEETS STA TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	13
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

COUNTY:	FRANKLIN CO	FRANKLIN CO	FRANKLIN CO
ROUTE:	IL 149	IL 149	IL 149
FUNDING:	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE
LOCATION:	RURAL	RURAL	RURAL
TOTAL QUANTITY	ROADWAY 0004	LIGHTING 0021	BRIDGE 0059

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	BRIDGE
				0004	0021	0059
70307120	TEMPORARY PAVEMENT MARKING -LINE 4"- TYPE IV TAPE	FOOT	27,536	27,536		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
Z0004552	APPROACH SLAB REMOVAL	SQ YD	293			293
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	1,734			1,734
						0
Z0012166	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 3/4"	SQ YD	1,734			1,734
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	10			10
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	4			4
Z0076600	TRAINEES	HOUR	500	500		
Z0062456	TEMPORARY PAVEMENT	SQ YD	1,350	1,350		
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500		

 $\emptyset$ $\emptyset$

Ø 0042

REV. - MS

FILE NAME: DWG	USER NAME = Tristen Reid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						873	(28-5)K-1	FRANKLIN	162	14
	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -						CONTRACT NO. 78814				
	PLOT DATE = 5/23/2023	DATE -	REVISED -		SCALE:	SHEET 14	OF 50 SHEETS	STA.	TO STA.				
										ILLINOIS FED. AID PROJECT			

CL1002
CL2100

VARIES

VARIES

VARIES

CL1300
CL2200

VARIES
TRUCK
APRON

PROPOSED PCC SIDEWALK 5"

PROPOSED CCC&G
TYPE B-6.24

EXISTING CCC&G

EXISTING PAVEMENT 10"
EXISTING SUB BASE 4"

PROPOSED
9" PORTLAND CEMENT CONCRETE (JOINTED)
4" STABILIZED SUB BASE
12" SUB-BASE GRANULAR

PROPOSED MEDIAN

PROPOSED
9" STAMPED AND COLORED PCC (JOINTED)
4" STABILIZED SUB BASE
12" SUB-BASE GRANULAR

PROPOSED CCC&G
TYPE M-6.24

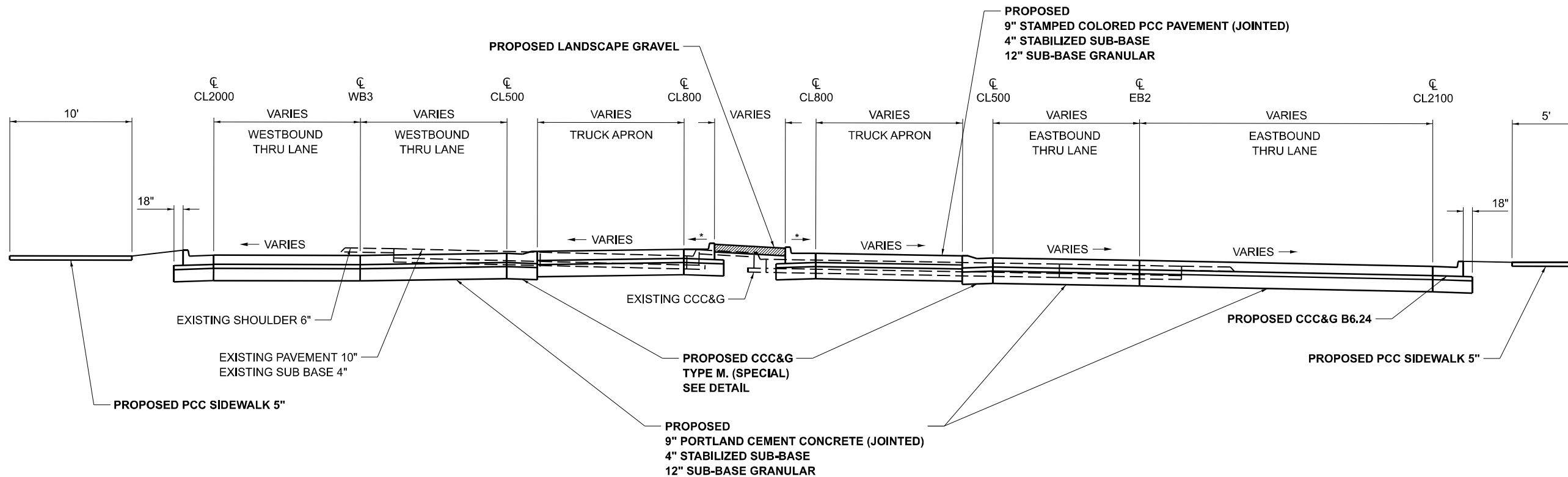
PROPOSED
9" STAMPED AND COLORED PCC (JOINTED)
4" STABILIZED SUB BASE
12" SUB-BASE GRANULAR

PROPOSED PCC SIDEWALK 5"

SEE CCC&G SCHEDULE FOR CURB TYPE

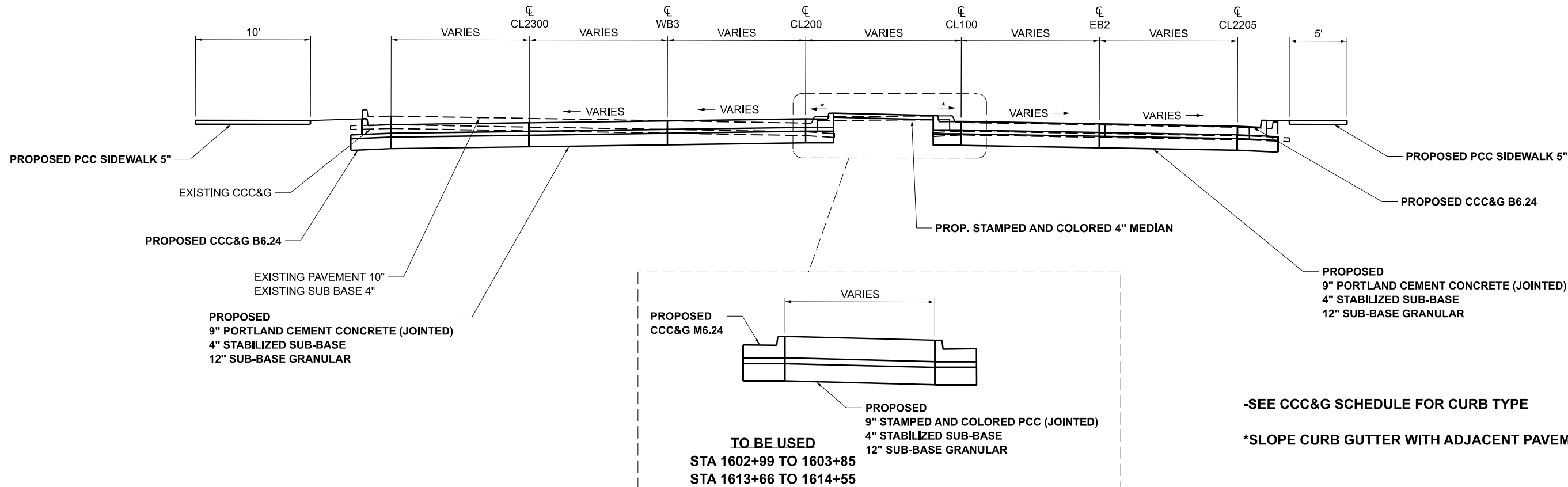
[illegible]

CIRCULAR ROADWAY



TO BE USED

IL 149 WB STA 1600+00 TO 1603+85
IL 149 WB STA 1613+66 TO 1616+05.5



-SEE CCC&G SCHEDULE FOR CURB TYPE

*SLOPE CURB GUTTER WITH ADJACENT PAVEMENT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

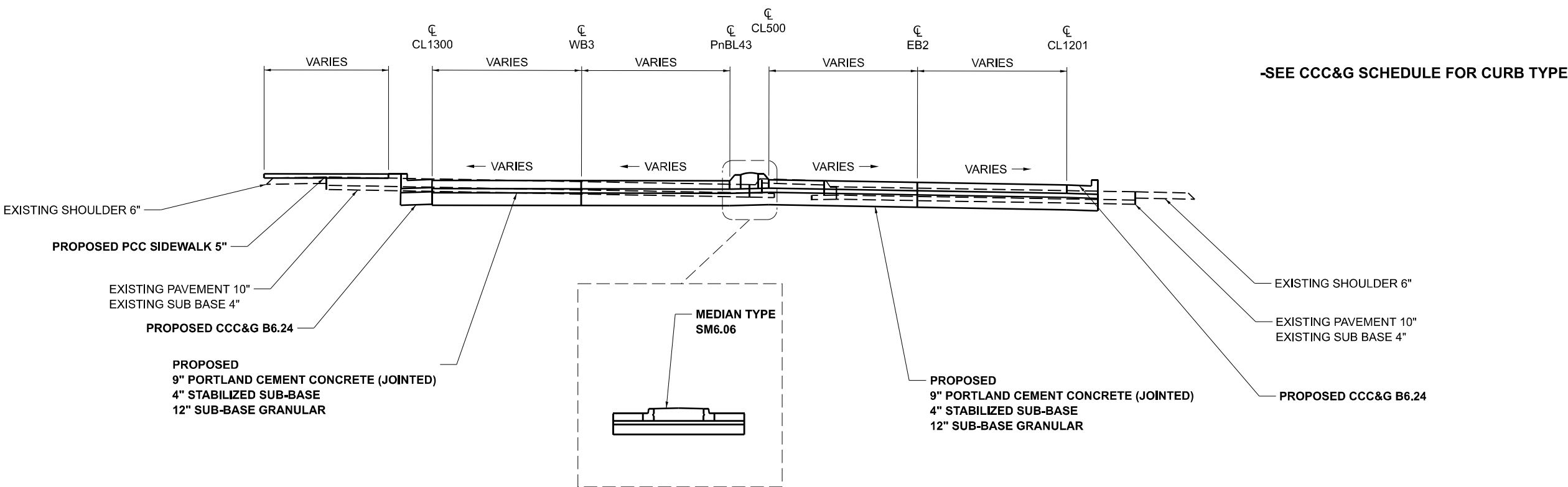
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	16
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

MODEL: IL 149_Plan 3 (Sheet)
FILE NAME: P:\Bids\2023\149\149_Plan 3.dgn
PLOT DATE: 5/17/2023

USER NAME = Tristen Reid	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 5/17/2023	CHECKED -	REVISED -
	DATE -	REVISED -

TO BE USED
IL 149 WB STA 1606+00 TO 1611+41
(SEE BRIDGE PLANS STA 1607+53 TO 1610+30)



MODEL: IL 149_Plan 2 (Sheet)
FILE NAME: p:\bids\scans\by.com\PILOT\Documents\IDOT\Office\District 9\CRD Projects\78814\CAD Data\CAD\Sheet\0378814-Sheet 2-Typical.dgn

USER NAME	= Tristen_Reid	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVIS	-
PLOT SCALE	= 0.166666633''/In.	CHECKED	-	REVISED	-
PLOT DATE	= 5/17/2023	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS			
SCALE: 1"=30'	SHEET 2	OF 3	SHEETS
STA.	TO STA.		

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	17
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

REMOVAL SCHEDULE

LOCATION STATION TO STATION				LENGTH	WIDTH	PAVEMENT REMOVAL	ISLAND REMOVAL	MEDIAN REMOVAL	PAVED SHOULDER REMOVAL	CC&G REMOVAL	GUARDRAIL REMOVAL	COMMENTS
IL 149				FT	FT	SQ YD	SQ FT	SQ FT	SQ YD	FOOT	FOOT	
	682+40	TO	685+50	310		295						
	683+70	TO	688+05	435					387			
LT	685+50	TO	688+05	255	2				57			
	685+50	TO	689+95	445				973				
	690+55	TO	692+97	242				511				
RT	690+97	TO	692+97	RT 200	5				112			
LT	690+99	TO	692+97	LT 198	5				110			
RT	695+45	TO	697+82	RT 237	5				132			
LT	695+45	TO	697+85	LT 240	5				134			
LT	695+37	TO	696+57		120						120	
	695+45	TO	697+87		242			542				
	698+51	TO	701+01		250			583				
EASTBOUND												
682+48										10		OUTLETS
THRU	685+50	TO	692+97		747	24	1992					
RT	685+90	TO	689+06		316	12	422					
THRU	695+45	TO	701+01.5		556.5	24	1484					
LT	695+45	TO	698+51				84					
WESTBOUND												
683+80										8		OUTLETS
RT LANE	685+50	TO	688+05		255		225					
THRU	685+50	TO	692+97		747	24	1992					
LT	689+89.5	TO	692+97		308		77					
THRU	695+45	TO	701+04		559	24	1491					
RT	699+15	TO	701+19				272					
SOFIA ROAD												
	10+13.5	TO	10+40.5		27	7.5	23					
RAMP A (NE RAMP)												
	0+13	TO	1+98.5		186		93					
	0+16	TO	0+40		24			75				
LT	0+46	TO	1+98		152	4			68			
RT	1+37	TO	1+98		61	8			55			
	1+37	TO	701+30	IL 149						364		
IL 149	697+84	TO	0+46	RAMP A						74		
RAMP B (SE RAMP)												
LT	6+54	TO	9+96		342	4			152			
RT	6+55	TO	9+60		305	8			272			
	6+55	TO	10+44		389		177					
IL 149	697+82	TO	9+72	RAMP B						106		
	9+37	TO	701+02	IL 149						353		
	10+25	TO	10+45		20			159				
RAMP C (SW RAMP)												
	0+13	TO	2+12		199		100					
	0+15	TO	0+38		23			60				
LT	0+57	TO	2+12	LT	155	4			70			
	0+85	TO	690+95	IL 149						152		
RT	1+40	TO	2+12	RT	72	8			64			
IL 149	688+68	TO	1+57	RAMP C						225		
RAMP D (NW RAMP)												
RT	9+44	TO	10+04		60	8			54			
LT	9+44	TO	10+83		139	4			62			
	9+45	TO	11+13		168		84					
IL 149	688+59	TO	9+83	RAMP D						223		
	10+59	TO	690+98	IL 149						137		
	10+91	TO	11+11		20			103				
							1314					STAGING TEMP. PAVEMENT
	2203+06	TO	2203+50				123					La FIESTA PARKING LOT
TOTALS							10248	397	2609	1729	1652	120

MODEL: Schedule (Sheet)
FILE NAME: P:\DOT\Documents\DOT Office\District 9\O&D Projects\78814\CAD Data\CAD sheets\0278814-Schedule.dgn

USER NAME = TristenReid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633" / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL SCHEDULE

SCALE: SHEET 18 OF 50 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	18
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

PCC PAVEMENT SCHEDULE

LOCATION STATION TO STATION	LENGTH	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	PCC PAVEMENT, 9" (JOINTED)	STAMPED COLORED PCC PAVEMENT, 9" (JOINTED)	STAMPED COLORED PCC MEDIAN SURFACE, 4"	STABILIZED SUB BASE, 4"	PROTECTIVE COAT	TEMPORARY PAVEMENT	COMMENTS
IL 149	FOOT	SQ YD	SQ YD	SQ YD	SQ FT	SQ YD	SQ YD	SQ YD	
682+40 TO 685+50					2480				
700+00 TO 700+30					70				
800+00 TO 800+40					85				
WESTBOUND									
RT LANE 685+50 TO 688+05	255	225	225			225	225		
WESTBOUND THRU LANES									
1600+00 TO 1607+68.5	769	212	212			212	212		
1610+16 TO 1616+05.39	589	149	149			149	149		
EASTBOUND THRU LANES									
1700+00 TO 1707+71.5	772	194	194			194	194		
1710+19 TO 1715+92.5	574	157	157			157	157		
RAMP A									
2302+01.5 TO 2304+45.22	244	66	66			66	66		
RAMP B									
2200+00 TO 2203+94.3	394	115	115			115	115		
RAMP C									
1102+95.7 TO 1105+79.8	284	120	120			120	120		
RAMP D									
1000+00 TO 1001+89.9	190	63	63			63	63		
ROUNDABOUT									
501+78 TO 502+83	105	35	35			35	35		
511+53 TO 512+55.8	103	34	34			34	34		
SOFIA ROAD									
2300+00 TO 2300+38	38	16	16			16	16		
INSIDE MEDIAN									
103+00 TO 103+90	90	25		25		25	25		
302+69 TO 303+69	100	26		26		26	26		
MEDIAN WESTSIDE									
100+00 TO 103+00					620		620		
504+40 TO 504+93					121		121		
MEDIAN EASTSIDE									
509+45 TO 509+98					207		207		
301+20 TO 302+70					324		324		
TRUCK LANE									
700+00 TO 703+48	348	85		85		85	85		
800+00 TO 803+29	329	91		91		91	91		
RAMP A									
2001+08		12	12			12			SIDEWALK
2303+40		16	16			16			SIDEWALK
RAMP B									
2202+96		4	4			4			SIDEWALK
RAMP C									
1104+70		6	6			6			SIDEWALK
1201+20		5	5			5			SIDEWALK
RAMP D									
1000+83		6	6			6			SIDEWALK
SUBTOTALS		1662	1435	227	3907	1662	2885	0	
TOTALS		1911	1435	476	3907	1911	3134	1350	

MODEL: Schedule1 [Sheet]
FILE NAME: P:\DOT\Documents\DOT Office\District 9\O&D Projects\7881\CAD Data\CAD sheets\07881-14-Dr5-Schedule.dgn

USER NAME = Tristen Reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PCC PAVEMENT SCHEDULE

SCALE: SHEET 19 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	19
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

PCC PAVEMENT SCHEDULE

LOCATION STATION TO STATION	LENGTH	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	PCC PAVEMENT, 9" (JOINTED)	STAMPED COLORED PCC PAVEMENT, 9" (JOINTED)	STAMPED COLORED PCC MEDIAN SURFACE, 4"	STABILIZED SUB BASE, 4"	PROTECTIVE COAT	TEMPORARY PAVEMENT	COMMENTS
IL 149	FOOT	SQ YD	SQ YD	SQ YD	SQ FT	SQ YD	SQ YD	SQ YD	
RAMP A OVERSIZED LOAD PAV'T									
2302+86 TO 2303+35	49	13		13		13	13		STOP AT SIDEWALK
2303+45 TO 2304+39	94	27		27		27	27		
2000+09 TO 2001+02	93	23		23		23	23		STOP AT SIDEWALK
2001+12 TO 2001+28	16	6		6		6	6		
RAMP B OVERSIZED LOAD PAV'T									
2202+22 TO 2202+93	71	17		17		17	17		STOP AT SIDEWALK
2202+98 TO 2303+54	156	14		14		14	14		
RAMP B INSIDE ISLAND									
2202+52.6 TO 2203+41	88	24		24		24	24		
RAMP C OVERSIZED LOAD PAV'T									
1200+61 TO 1201+17	56	15		15		15	15		STOP AT SIDEWALK
1201+22 TO 1201+38	16	7		7		7	7		
1104+10 TO 1104+66	56	15		15		15	15		STOP AT SIDEWALK
1104+71 TO 1105+73	102	24		24		24	24		
RAMP D OVERSIZED LOAD PAV'T									
1000+11 TO 1000+77	66	15		15		15	15		STOP AT SIDEWALK
1000+87 TO 1002+30	143	33		33		33	33		
RAMP D INSIDE ISLAND									
1000+66.8 TO 1001+35	68	16		16		16	16		
WEST INNER CIRCLE									
700+00 TO 703+47									
EAST INNER CIRCLE									
800+00 TO 803+66									
								1350	
SUBTOTALS		249	0	249	0	249	249	1350	
TOTALS		1911	1435	476	3907	1911	3134	1350	

MODEL: Schedule2 (Sheet)
FILE NAME: p:\projects\78814\CADD\Drawings\DOT Office\Sheet\9\CHD Project\78814\CADD\Drawings\DOT78814-Sht5-Schedule.dgn

	USER NAME = Tristen,Reid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PCC PAVEMENT SCHEDULE CONT.			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633" / in.	DRAWN -	REVISED -					873	(28-5)K-1	FRANKLIN	162	20
	PLOT DATE = 5/16/2023	CHECKED -	REVISED -		SCALE: SHEET 20 OF 50 SHEETS STA. TO STA.			CONTRACT NO. 78814				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

MODEL: Schedule3 (Sheet)
FILE NAME: p:\projects\78814\DOT\Documents\DOT Office\Sheet3\78814\DOT\PAVE MARKING SCHEDULE.dgn

PAVEMENT MARKING SCHEDULE										
LOCATION STATION TO STATION	LENGTH	MODIFIED URETHANE PAVEMENT MARKING							COMMENTS	
		LINE 4"			LINE 8"	LINE 12"	LINE 18"	LETTER & SYMBOLS		
		YELLOW		WHITE	WHITE	YELLOW	WHITE	WHITE		
		DBL SOLID	SOLID	SOLID						
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT		
IL 149 EASTBOUND										
1700+00 TO 1703+18	318			80					SKIP DASH CENTERLINE	
1700+00 TO 1702+83	283			283						
1702+45								21	FISH HOOK THRU	
1702+45								32	FISH HOOK THRU/RIGHT	
1703+80								8	YIELD LINE (TRIANGLES)	
1703+98								8	YIELD LINE (TRIANGLES)	
1704+03							50		2' SKIP - 2' DASH	
1704+39 TO 1706+60	221				148				3' SKIP - 6' DASH	
1706+60 TO 1711+32	472			118					SKIP DASH CENTERLINE	
1707+68								35	FISH HOOK THRU/LEFT + DOT	
1707+68								21	FISH HOOK THRU	
1707+74 LT								22	YIELD	
1707+93 RT								22	YIELD	
1710+28								21	FISH HOOK THRU	
1710+28								35	FISH HOOK THRU/LEFT + DOT	
1711+32 TO 1712+87	155				104				3' SKIP - 6' DASH	
1712+14								35	FISH HOOK THRU/LEFT + DOT	
1712+14								21	FISH HOOK THRU	
1713+25							35		2' SKIP - 2' DASH	
1713+25 TO 1714+45	120				80				3' SKIP - 6' DASH	
1714+45 TO 1715+30	85			22					SKIP DASH CENTERLINE	
PAINTED ISLAND										
1703+18 TO 1704+12			178				30			
RAMP C										
1102+84 TO 1105+65			278				90			
IL 149 WESTBOUND										
1600+00 TO 1602+91	291			73					SKIP DASH CENTERLINE	
1600+00 LT TO 1616+05 LT				475					MULTI-USE PATH	
1602+91 TO 1604+06	115				77				3' SKIP - 6' DASH	
1604+07							35		2' SKIP - 2' DASH	
1604+42 TO 1606+20	178				120				3' SKIP - 6' DASH	
1606+20 TO 1610+75	455			114					SKIP DASH CENTERLINE	
1607+62								21	FISH HOOK THRU	
1607+62								35	FISH HOOK THRU/LEFT + DOT	
1610+25								21	FISH HOOK THRU	
1610+25								35	FISH HOOK THRU/LEFT + DOT	
1610+75 TO 1613+33	258				173				3' SKIP - 6' DASH	
1613+56							50		2' SKIP - 2' DASH	
1613+60								8	YIELD LINE (TRIANGLES)	
1613+50 TO 1614+41			171						PAINTED ISLAND	
1613+66 LT								22	YIELD	
1613+72								8	YIELD LINE (TRIANGLES)	
1613+75 RT								22	YIELD	
1614+41 TO 1616+00	159			40					SKIP DASH CENTERLINE	
1614+80								24	FISH HOOK THRU + DOT	
1614+80								32	FISH HOOK THRU/RIGHT	
1613+50 TO 1614+41						30			PAINTED ISLAND	
SUBTOTALS			627	1205	702	150	170	509		
TOTALS			983	1319	702	500	170	883		

MODEL: Schedule3 (Sheet) FILE NAME: p:\projects\78814\DOT\Documents\DOT Office\Sheet3\78814\DOT\PAVE MARKING SCHEDULE.dgn	USER NAME = TristenReid		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVE IENT MARKING SCHEDULE			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED -					873	(28-5)K-1	FRANKLIN	162	21
	PLOT SCALE = 0.16666633" / in.		CHECKED -	REVISED -					CONTRACT NO. 78814				
	PLOT DATE = 5/16/2023		DATE -	REVISED -		SCALE:	SHEET 21	OF 50 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

Model: Schedule1 [Sheet]
File Name: p:\dot\schedule1\dot\documents\DOT Office\District 9\CRD Project\78814\CADData\CADsheets\078814-Sht5-Schedule.dgn

PAVEMENT MARKING SCHEDULE									
LOCATION STATION TO STATION	LENGTH	MODIFIED URETHANE PAVEMENT MARKING							COMMENTS
		LINE 4"			LINE 8"	LINE 12"	LINE 18"	LETTER & SYMBOLS	
		YELLOW		WHITE	WHITE	YELLOW	WHITE	WHITE	
		DBL SOLID	SOLID	SOLID					
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	
RAMP A									
2302+02 TO 2304+07			196			100			
RAMP B PAINTED ISLAND						20			
RAMP B									
2101+42								35	FISH HOOK THRU/LEFT + DOT
2101+42								21	ONLY/RIGHT ARROW
2102+57								35	FISH HOOK THRU/LEFT + DOT
2102+57								21	ONLY/RIGHT ARROW
2103+00	5					35			CROSSWALKS
2103+11								22	YIELD
2103+20								8	YIELD LINE (TRIANGLES)
2201+33 TO 2202+15	82			82					
2202+15 TO 2202+52			80						PAINTED ISLAND
2202+95	5					35			CROSSWALKS
2203+27								22	YIELD
2203+35								8	YIELD LINE (TRIANGLES)
RAMP D									
RAMP D PAINTED ISLAND						20			
1000+00 TO 1000+32	32			32					
1000+32 TO 1000+66			80						
1000+83	10					70			CROSSWALKS
1000+90								21	RIGHT/ONLY ARROW
1001+20								22	YIELD
1001+25								8	YIELD LINE (TRIANGLES)
1303+23								22	YIELD
1303+35	10					70			CROSSWALKS
1304+05								35	FISH HOOK THRU/LEFT + DOT
1304+05								21	ONLY/RIGHT ARROW
1303+60								35	FISH HOOK THRU/LEFT + DOT
1303+17								8	YIELD LINE (TRIANGLES)
ROUND ABOUT									
502+25								15	THRU/LEFT ARROW
512+02								15	THRU/LEFT ARROW
SUBTOTALS			356	114	0	350	0	374	
TOTALS			983	1319	702	500	170	883	

	USER NAME = TristenReid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SCHEDULE CONT.			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633" / in.	DRAWN -	REVISED -					873	(28-5)K-1	FRANKLIN	162	22
	PLOT DATE = 5/16/2023	CHECKED -	REVISED -		SCALE:			CONTRACT NO. 78814				
		DATE -	REVISED -		SHEET 22 OF 50 SHEETS STA.			ILLINOIS FED. AID PROJECT				

MODEL: Schedule5 (Sheet)
FILE NAME: P:\Roads\CDOT\Documents\DOT Office\District 9\ORD Projects\7881\ACAD Data\CDOT\Sheet\45b1E-Schedule5.dgn

CURB AND GUTTER SCHEDULE									
LOCATION STATION TO STATION	COMB. CONCRETE CURB AND GUTTER, TYPE M-6.24	COMB. CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)	COMB. CONCRETE CURB AND GUTTER, TYPE M-4.24	COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24	CLASS SI CONCRETE	CONCRETE CURB TYPE B	PROTECTIVE COAT	CONCRETE MEDIAN TYPE SM-6.06	COMMENTS
IL 149	FOOT	FOOT	FOOT	FOOT	CU YD	FOOT	SQ YD	SQ FT	
682+40 TO 685+50						620			
MEDIAN EASTBOUND									
CL 100 100+00 TO 103+00				300			86		
CL 100 103+00 TO 103+90	90						26		
CL 300 301+20 TO 302+70				150			43		
CL 300 302+70 TO 303+70	100						29		
1705+93 TO 1707+56							47	705	
1710+35 TO 1711+47							32	530	
MEDIAN WESTBOUND									
CL 200 200+00 TO 203+00				300			86		
CL 200 203+00 TO 203+94	94						27		
CL 400 401+20 TO 402+70				150			43		
CL 400 402+70 TO 403+65	95						27		
END OF MEDIAN									
CL 100 103+90 TO 203+94	52						15		
CL 300 303+70 TO 403+65	53						15		
INNER CIRCLE									
CL 700 700+00 TO 703+47	347						99		
CL 800 800+00 TO 803+66	366						105		
WESTBOUND NORTHSIDE							0		
CL 1300 1300+00 TO 1303+11				311			89		
CL 2000 2001+43 TO 2004+34				291			83		
CL 2300 2300+00 TO 2302+87.5				288			82		
EASTBOUND SOUTHSIDE									
CL 1100 1102+89 TO 1104+10				121			35		
CL 1201 1201+59.5 TO 1204+57.5				298			85		
CL 2100 2103+24.5 TO 2105+74				250			72		
CL 2205 2203+54 TO 2206+12				258			74		
RAMP A NE									
CL 2300 2302+87.5 TO 2303+83	96						27		
CL 2000 2000+60.8 TO 2001+43	82						24		
RAMP B SE									
CL 2100 2101+59 TO 2103+24.5				166			47		
CL 2100 2101+25 TO 2101+59					3		10		CURB OUTLET
CL 2100 2201+02 TO 2201+58					5		16		CURB OUTLET
CL 2100 2201+60 TO 2202+22				62			18		
CL 2100 2202+22 TO 2203+54	132						38		
RAMP C SW									
CL 1100 1105+74 TO 1104+10	164						47		
CL 1100 1105+79 TO 1105+55					4		7		CURB OUTLET
CL 1201 1200+00 TO 1200+24					3		7		CURB OUTLET
CL 1201 1200+24 TO 1200+61				37			11		
CL 1201 1200+61 TO 1201+59.5	99						28		
RAMP D NW									
CL 1002 1000+00 TO 1000+24					5		7		CURB OUTLET
CL 1002 1000+00 TO 1002+86	286						82		
CL 1300 1303+11 TO 1304+00				89			26		
CL 1300 1303+89.6 TO 1304+13					3		7		CURB OUTLET
TRUCK APRON WEST									
CL 500 500+27 TO 504+40		413					138		
TRUCK APRON EAST									
CL 500 510+00 TO 514+28		428					143		
RAMP D ISLAND									
CL 1002 1000+66.7 TO 1000+35			152				9		SEE ISLAND DETAIL
RAMP B ISLAND									
CL 2205 2202+52.5 TO 2203+75			201				35		SEE ISLAND DETAIL
TOTALS	2056	841	353	3071	23	620	1927	1235	

USER NAME	= Tristen_Reid
PLOT SCALE	= 0.16666633' / in.
PLOT DATE	= 5/16/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB AND GUTTER SCHEDULE

SCALE: SHEET 23 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	23
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

DRAINAGE SCHEDULE

LOCATION STATION TO STATION	STORM SEWER, CLASS A, TYPE I 36"	STORM SEWER, CLASS A, TYPE I 15"	PRC FLARED END SECTION, 36"	PRC FLARED END SECTION, 15"	CONCRETE COLLAR	INLET TYPE B, W/ SPECIAL FRAME AND GRATE	INLET TYPE B, W/ TYPE 12 FRAME AND GRATE	INLET TYPE B, W/ TYPE 3 FRAME AND GRATE	TRENCH BACKFILL
	FOOT	FOOT	EACH	EACH	CU YD	EACH	EACH	EACH	CU YD
WEST OF I-57									
1001+59.5 28' RT	35		1		0.44				32
1103+74 35' RT	25		1		0.44				23
502.11 1.5' LT						1			
1303+48.5 25.5' RT		40		1					35
1303+00		85						1	75
1202+00								1	
1201+01 27.5' RT		25		1					22
1607+50.5 12' RT		30					1		27
1204+40								1	18
1204+40.5 20' RT		20		1					
EAST OF I-57									
2003+62 28.5' RT		55		1					49
161+82 11.17' RT							1		
2001+44		70						1	62
511+86.5 1.5' LT		90				1			80
2102+93 18' LT		30		1					27
2103+34.5								1	
2302+86.5								1	22
2302+87 25.5' RT		25		1					
2302+64 35' RT	10		1		0.44				9
TOTALS	70	470	3	6	1.32	2	2	6	481

DRAINAGE REMOVAL SCHEDULE

LOCATION STATION TO STATION	MANHOLE REMOVAL	REMOVING INLETS	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	CONCRETE HEADWALL REMOVAL	PLUG EXISTING PIPE	PIPE CULVERT REMOVAL
	EACH	EACH	FOOT	FOOT	EACH	CU YD	FOOT
687+00		1	50		1		
LT 689+05					1		
RT 689+05					1		
690+15		1					
LT 689+05 TO 692+65				370		0.14	
692+65	1	1		40			
695+73	1	1	45				
695+73 TO 698+25				250			
697+67		1					
697+67 TO 698+25			70				
698+25		1					
698+25 TO 698+87				75			
698+87		1					
698+87 TO 699+15				30			
699+15						0.14	
RT 699+15 TO 699+15 LT					2		
La FIESTA PARKING LOT 2203+06 TO 2203+50							50
TOTALS	2	7	165	765	5	0.28	50

MODEL: Schedule5 (Sheet)
FILE NAME: p:\projects\78814\CADD\Drawings\DOT\Office\Drawings\78814\CADD\Drawings\DOT\78814-Schedule5.dgn

USER NAME = TristenReid DESIGNED - DRAWN - PLOT SCALE = 0.16666633' / in. PLOT DATE = 7/7/2023	DESIGNED - REVIS CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE SCHEDULE DRAINAGE REMOVAL SCHEDULE			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							873	(28-5)K-1	FRANKLIN	162	24
				SCALE: SHEET 24 OF 50 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				
							CONTRACT NO. 78814				

Model: Schedule7 (Sheet)
File Name: p:\dot\projects\7881\4060\Project\7881\4060\CAD\Drawings\DOT\Office\Drawings\DOT\7881-4060\Schedules.dgn

SHOULDER SCHEDULE					
LOCATION STATION TO STATION	LENGTH	PORTLAND CEMENT CONCRETE SHOULDERS 9"	STABILIZED SUBBASE 4"	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	AGGREGATE WEDGE TYPE B
IL 149	FOOT	SQ YD	SQ YD	SQ YD	TON
EASTBOUND					
1700+00 TO 1702+88.5	288.5	321	48	337	7
WESTBOUND					
1600+00 TO 1603+07.5	307.5	274	42	237	6
RAMP A NE					
2303+83.5 TO 2304+45.2 RT	61.7	55	11	59	2
2000+00 TO 2000+61.7 LT	61.7	28	11	31	2
RAMP B SE					
2100+00 TO 2101+59.5 LT	159.5	71	27	80	4
2200+00 TO 2201+60.5 RT	160.5	143	27	152	
UNDER B-6.24					
MEDIAN EASTBOUND					
100+00 TO 103+00	300		134	134	
301+20 TO 302+72	152		67	67	
MEDIAN WESTBOUND					
200+00 TO 203+00	300		134	134	
401+20 TO 402+70	150		67	67	
WESTBOUND-NORTHSIDE					
1300+00 TO 1303+11	311		139	139	
2001+43 TO 2004+34	291		130	130	
2300+00 TO 2302+87.5	287.5		128	128	
EASTBOUND-SOUTHSIDE					
1102+89 TO 1101+10	179		54	54	
1201+59.5 TO 1204+57.5	298		133	133	
2103+24.5 TO 2105+74	249.5		111	111	
2203+54 TO 2206+12	258		115	115	
RAMP B SE					
2101+59 TO 2103+24.5	165.5		74	74	
2201+60 TO 2202+22	62		28	28	
RAMP C SW					
1200+24 TO 1200+61	37		17	17	
RAMP D NW					
1303+11 TO 1304+00	89		40	40	
UNDER TYPE M (SPECIAL)					
500+27 TO 504+40	413		138	138	
510+00 TO 514+28	428		191	191	
UNDER M-4.24					
1000+66.7 TO 1000+35	31.7		68	68	
2202+52.5 TO 2203+75	122.5		90	90	
UNDER M-6.24					
103+00 TO 103+90	90		40	40	
302+70 TO 303+70	100		45	45	
203+00 TO 203+94	94		42	42	
402+70 TO 403+65	95		43	43	
END OF MEDIAN					
103+90 TO 203+94	52		24	24	
303+70 TO 403+65	53		24	24	
INNER CIRCLE					
700+00 TO 703+47	347		155	155	
800+00 TO 803+66	366		163	163	
RAMP A NE					
2302+87.5 TO 2303+83	95.5		43	43	
SUBTOTALS		892	2603	3333	21
TOTALS		892	2907	3637	21

SHOULDER SCHEDULE					
LOCATION STATION TO STATION	LENGTH	PORTLAND CEMENT CONCRETE SHOULDERS 9"	STABILIZED SUBBASE 4"	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	AGGREGATE WEDGE TYPE B
IL 149	FOOT	SQ YD	SQ YD	SQ YD	TON
RAMP B SE					
2202+22 TO 2203+54	132		59	59	
RAMP C SW					
1200+61 TO 1201+59.5	98.5		44	44	
1105+74 TO 1104+10	164		73	73	
RAMP D NW					
1000+00 TO 1002+86	286		128	128	
SUBTOTALS		0	304	304	0
TOTALS		892	2907	3637	21

USER NAME = Tristen,Reid	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 5/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHOULDER SCHEDULE

SCALE: SHEET 25 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	25
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

SEEDING EROSION CONTROL SCHEDULE

LOCATION STATION AND STATION	SEEDING CLASS 1B	SEEDING CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH METHOD 2	TEMP. EROSION CONTROL SEEDING	STONE RIP RAP CLASS A4	PERIMETER EROSION BARRIER	EROSION CONTROL BLANKET	COMMENTS
IL 149	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	POUND	SQ YD	FOOT	SQ YD	
EASTBOUND												
RT 682+50 TO 685+50	0.11	0.11	10	10	10	0.22	0.22	33			534	8' WIDE RT/LT
683+75 RT									7			CURB OUTLET-FACTORY OUTLET BLVD.
1700+00 TO 1703+83											340	8' WIDE RT
50' RT 1700+00 TO 1702+85 62' RT										285		EB2
RT 1700+00 TO 1704+00 RT	0.26	0.26	24	24	24	0.52	0.52	78				EB2
62' RT 1702+85 TO 1703+85 70' RT										100		EB2
62' RT 1704+85 TO 1707+75 30' RT										280		EB2
RT 1704+85 TO 1707+75	0.16	0.16	15	15	15	0.32	0.32	48				EB2
70' RT 1710+30 TO 1710+96 55' RT										67		EB2
RT 1710+40.5 TO 1712+28.5	0.16	0.16	15	15	15	0.32	0.32	48				EB2
55' RT 1710+96 TO 1712+50 55' RT										125		EB2
45' RT 1713+40 TO 1715+10 22' RT										155		EB2
RT 1713+45 TO 1715+92.5	0.05	0.05	5	5	5	0.1	0.10	15				EB2
22' RT 1715+10 TO 1715+92 22' RT										82		EB2
WESTBOUND												
682+50 LT									7			
LT 682+50 TO 685+50	0.08	0.08	7	7	7	0.16	0.16	24				
1600+00 TO 1603+77											335	8' WIDE LT
55' LT 1600+00 TO 1600+64 58' LT										65		WB3
58' LT 1600+64 TO 1603+55 50' LT										275		WB3
LT 1600+00 TO 1604+00	0.35	0.35	31	31	31	0.7	0.70	105				WB3
1603+75 55' LT									15			WB3
55' LT 1604+80 TO 1607+75 30' LT										285		WB3
LT 1605+00 TO 1607+75.5	0.14	0.14	13	13	13	0.28	0.28	42				WB3
LT 1610+08 TO 1613+00	0.19	0.19	17	17	17	0.38	0.38	57				WB3
30' LT 1610+09 TO 1612+78 60' LT										275		WB3
LT 1614+00 TO 1616+05	0.02	0.02	2	2	2	0.04	0.04	6				WB3
1614+12 70' LT									15			WB3
53' LT 1614+25 TO 1616+00 45' LT										180		WB3
RAMP D												
RT 1000+00 TO 1001+50	0.08	0.08	8	8	8	0.16	0.16	24				CL1002
25' RT 1000+00 TO 1001+82 32' RT										154		CL1002
1303+08 TO 1304+13 RT	0.06	0.06	6	6	6	0.12	0.12	18				CL1300
25' RT 1303+47 TO 1304+13 25' RT										75		CL1300
RAMP C												
1103+86 TO 1105+77											170	8' WIDE RT
46' RT 1103+80 TO 1105+79 30' RT										150		
1103+87 TO 1105+79	0.14	0.14	13	13	13	0.28	0.28	42				CL1100
15' RT 1200+00 TO 1200+98 30' RT										100		
1200+00 TO 1201+75	0.05	0.05	5	5	5	0.1	0.10	15				CL1201
RAMP B												
20' LT 2100+00 TO 2102+90 30' LT										285		CL2100
2100+00 TO 2103+00											267	8' WIDE LT
2100+00 TO 2103+65	0.14	0.14	13	13	13	0.28	0.28	42				CL2100
20' RT 2200+00 TO 2203+58 20' RT										350		CL2205
2200+00 TO 2203+71	0.04	0.04	4	4	4	0.08	0.08	12				CL2205
RAMP A												
40' RT 2000+00 TO 2000+85 40' RT										85		CL2000
2000+00 TO 2001+55	0.08	0.08	8	8	8	0.16	0.16	24				CL2000
35' RT 2302+48 TO 2304+45 15' RT										160		CL2300
2302+48 TO 2304+45	0.08	0.08	8	8	8	0.16	0.16	24				CL2300
TOTALS	2.19	2.19	204	204	204	4.38	4.38	657	44	3533	1646	

MODEL: Schedule3 (Sheet)
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USER NAME = Tristen Reid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEEDING EROSION CONTROL SCHEDULE

SCALE: SHEET 26 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	26
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

MODEL: Schedule0 (Sheet)
FILE NAME: p:\dot\cadd\drawings\DOT Office\District 9\RD Project\7881\4\CADD\Drawings\DOT\7881-4-Side Schedules.dgn

SIDEWALK SCHEDULE					
LOCATION STATION TO STATION			DETECTABLE WARNING	PCC SIDEWALK 5"	COMMENTS
IL 149			SQ FT	SQ FT	
EASTBOUND - SOUTH 5'					
682+30	TO	685+50		760	
1700+00	TO	1704+50		950	
1704+65	TO	1707+55		610	
1710+33	TO	1712+64		470	
1712+93	TO	1715+92		655	
WESTBOUND - NORTH 10'					
682+62	TO	685+51		600	
1600+00	TO	1604+37		950	
1604+65	TO	1607+53		600	
1610+51	TO	1613+05		550	
1613+26	TO	1616+05		657	
RAMP A					
2001+08			60		
2303+40			60		
RAMP B					
2103+00			15		
2202+96			15		
RAMP C					
1201+20			15		
1104+20			15		
RAMP D					
1000+81			60		
1303+37			60		
TOTALS			300	6802	

FENCE SCHEDULE						
LOCATION STATION TO STATION				FENCE (SPECIAL)	CHAIN LINK FENCE REMOVAL	
IL 149				FOOT	FOOT	
EASTBOUND						
70'RT	1701+50	TO	1702+98.5	103.5'RT	150	150
47'RT	1714+02.5	TO	1715+10.7	45'RT	100	100
45'RT	1715+10.7	TO	1715+10.7	25'RT	20	20
25'RT	1715+10.7	TO	1715+92.5	25'RT	86	86
WESTBOUND						
58.5'LT	1602+45.5	TO	1603+31	94'LT	80	80
RAMP B						
97'RT	2203+16.5	TO	1714+02.5	47'RT	80	80
TO						
TOTALS				516	516	

GUARDRAIL SCHEDULE				
LOCATION STATION TO STATION		TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL)	TRAFFIC BARRIER TERMINAL TYPE 6	COMMENTS
IL 149		EACH	EACH	
EAST				
1706+91.5	TO 1707+41.5	1		
1707+41.5	TO 1707+79.0 RT		1	
WEST				
1610+16	TO 1610+53.5		1	
1610+53.5	TO 1611+03.5	1		
TOTALS		2	2	

EARTHWORK SCHEDULE

LOCATION STATION TO STATION	EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
ST AGE 1	364.10	273.08	341.5	-68.43
ST AGE 2	1919.00	1439.25	509	930.25
ST AGE 3	739.40	554.55	248.7	305.85
ST AGE 4	538.40	403.80	210.2	193.60
ST AGE 5	1742.00	1306.50	509	797.50
ST AGE 6	329.20	246.90	216.2	30.70
ST AGE 7	771.80	578.85	56.5	522.35
ST AGE 2	475.00	356.25	504.3	-148.05
TOTALS	6879	5159	2595	2564

RAILING SCHEDULE

LOCATION STATION TO STATION	DECORATIVE STEEL RAILING	PCC SIDEWALK 6" (SPECIAL)
IL 149	FOOT	SQ FT
EASTBOUND		
1707+55 TO 1707+90		175
1709+99 TO 1710+34		175
1710+10 TO 1710+42	32	
WESTBOUND		
1607+43 TO 1607+75	32	
1607+53 TO 1607+88		350
1609+96 TO 1610+31		557
1610+08 TO 1610+40	32	
TOTALS	96	1257

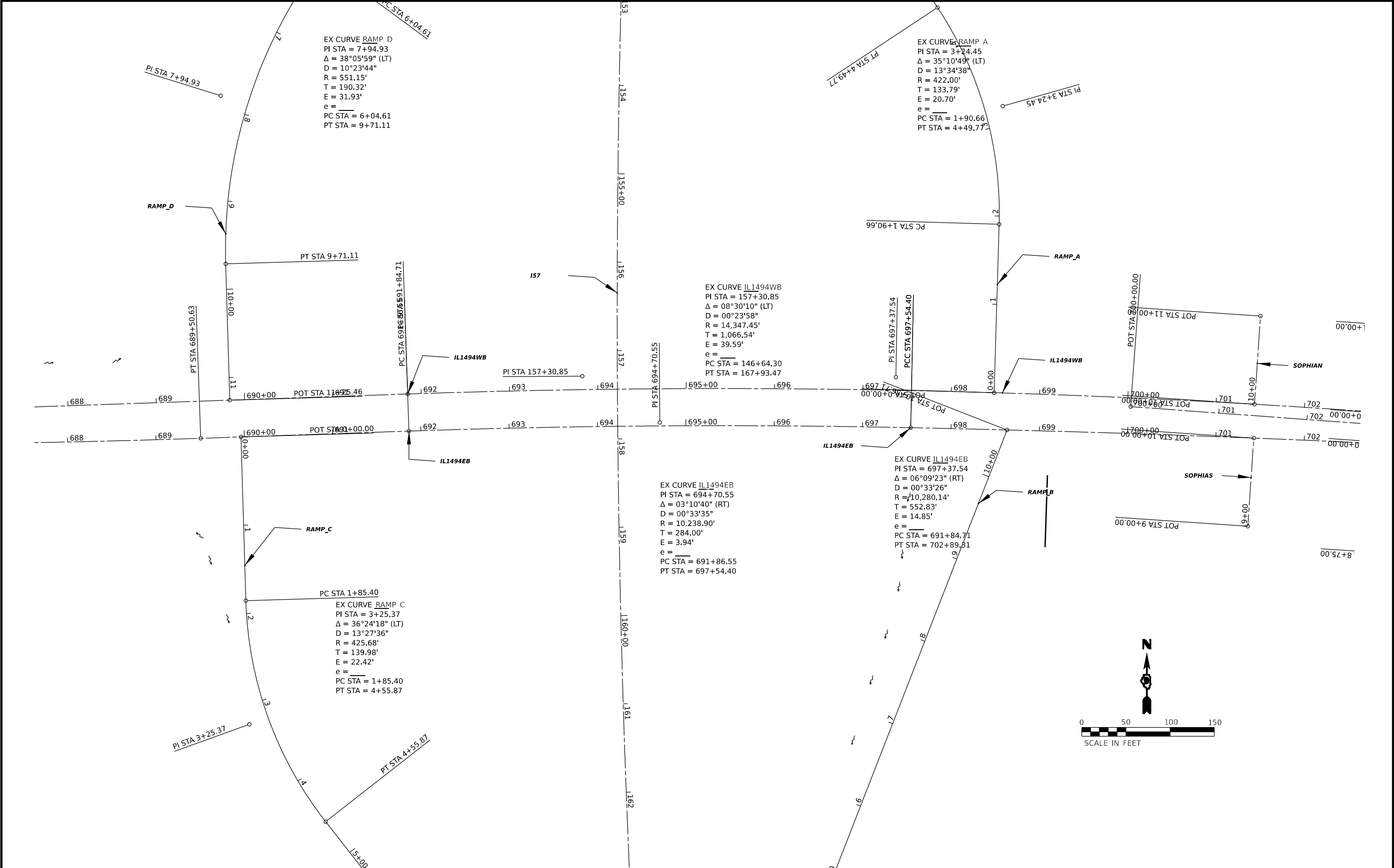
REV. - MS

FILE NAME: DWG	USER NAME = Tristen Reid	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EARTHWORK SCHEDULE RAILING SCHEDULE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						873	(28-5)K-1	FRANKLIN	162	28
	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -						CONTRACT NO. 78814				
	PLOT DATE = 5/16/2023	DATE -	REVISED -		SCALE:	SHEET 28	OF 50 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

DITCH CHECKS		
LOCATION STATION TO STATION	TEMPORARY DITCH CHECK	COMMENTS
	FOOT	
IL 149 EASBOUND		
STA 682+50	8	
STA 683+00	8	
STA 683+50	8	
STA 684+00	8	
STA 684+50	8	
STA 685+00	8	
STA 685+50	8	
STA 1700+25	8	
STA 1700+50	8	
STA 1700+75	8	
STA 1701+00	8	
STA 1701+25	8	
STA 1701+50	8	
STA 1701+75	8	
STA 1702+00	8	
STA 1702+25	8	
STA 1702+50	8	
STA 1702+75	8	
STA 1703+00	8	
STA 1703+25	8	
IL 149 WESTBOUND		
STA 682+50	8	
STA 683+00	8	
STA 683+50	8	
STA 684+00	8	
STA 684+50	8	
STA 685+00	8	
STA 685+50	8	
STA 1600+25	8	
STA 1600+50	8	
STA 1600+75	8	
STA 1601+00	8	
STA 1601+25	8	
STA 1601+50	8	
STA 1601+75	8	
STA 1602+00	8	
STA 1602+25	8	
STA 1602+50	8	
STA 1602+75	8	
STA 1703+00	8	
STA 1703+25	8	
SUBTOTALS	320	
TOTALS	480	

DITCH CHECKS		
LOCATION STATION TO STATION	TEMPORARY DITCH CHECK	COMMENTS
	FOOT	
RAMP C		
STA 1104+00	8	
STA 1104+25	8	
STA 1104+50	8	
STA 1104+75	8	
STA 1105+00	8	
STA 1105+25	8	
STA 1105+50	8	
STA 1105+75	8	
RAMP B		
STA 2100+00	8	
STA 2100+25	8	
STA 2100+50	8	
STA 2100+75	8	
STA 2101+00	8	
STA 2101+25	8	
STA 2101+50	8	
STA 2101+75	8	
STA 2102+00	8	
STA 2102+25	8	
STA 2102+50	8	
STA 2102+75	8	
SUBTOTALS	160	
TOTALS	480	

FILE NAME: D:\Projects\Illinois\08-11-2023\08-11-2023.DWG	USER NAME = Tristen,Rold	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DITCH CHECKS					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -											
	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -											
	PLOT DATE = 5/16/2023	DATE -	REVISED -											
							SCALE:	SHEET 29	OF 50	SHEETS	STA.	TO STA.	CONTRACT NO. 78814	
					ILLINOIS FED. AID PROJECT									



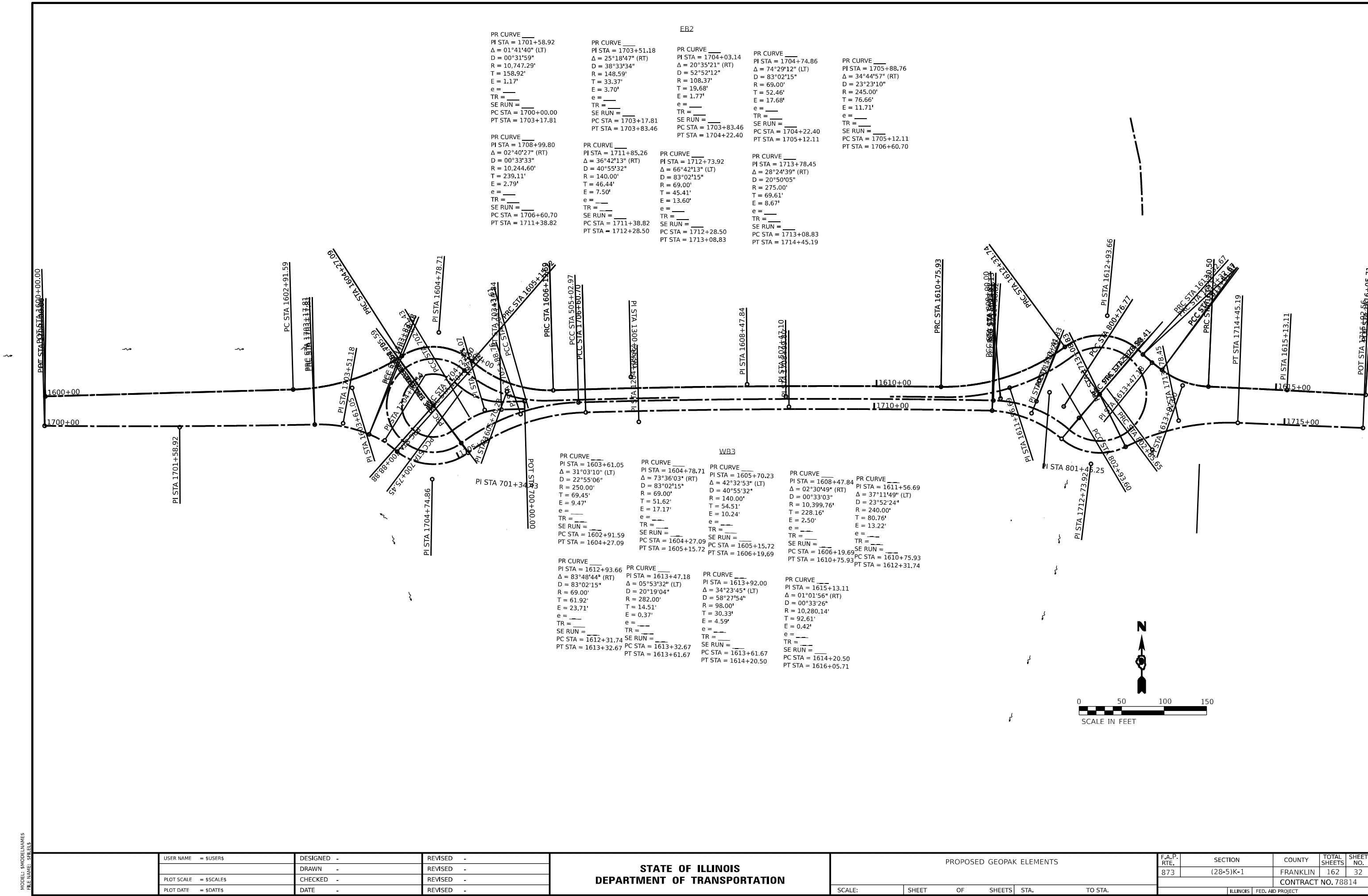
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	PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTNG GEOPAK ELEMENTS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	31
CONTRACT NO. 78814				
		ILLINOIS	FED. AID PROJECT	



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

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DRAWN	-	CHECKED	-	REVISED	-
PLOT SCALE	= \$SCALE\$	DATE	-	REVISED	-
PLOT DATE	= \$DATES\$				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED GEOPAK ELEMENTS			
SCALE:	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	32
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

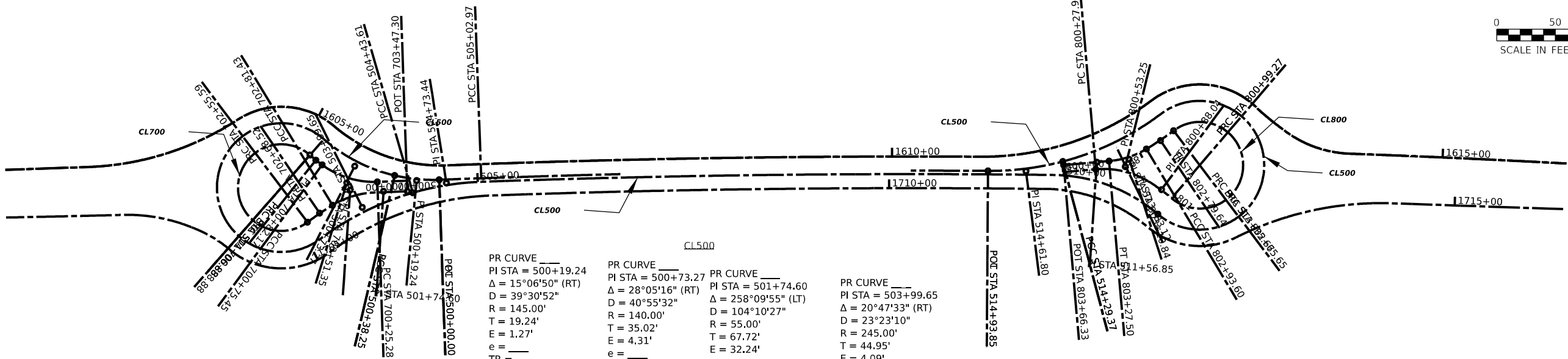
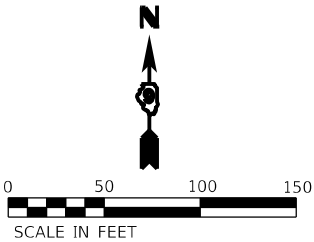
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	33
		CONTRACT NO. 78814		
		ILLINOIS	FED. AID PROJECT	

CL700
PR CURVE _____
PI STA = 700+51.35
Δ = 38°19'40" (RT)
D = 76°23'40"
R = 75.00'
T = 26.06'
E = 4.40'
e = _____
TR = _____
SE RUN = _____
PC STA = 700+25.28
PT STA = 700+75.45
PR CURVE _____
PI STA = 700+82.17
Δ = 04°52'02" (RT)
D = 36°15'47"
R = 158.00'
T = 6.71'
E = 0.14'
e = _____
TR = _____
SE RUN = _____
PC STA = 700+75.45
PT STA = 700+88.88
PR CURVE _____
PI STA = 701+34.43
Δ = 258°09'55" (LT)
D = 154°51'12"
R = 37.00'
T = 45.56'
E = 21.69'
e = _____
TR = _____
SE RUN = _____
PC STA = 700+88.88
PT STA = 702+55.59

PR CURVE _____
PI STA = 702+68.52
Δ = 05°37'47" (RT)
D = 21°47'08"
R = 263.00'
T = 12.93'
E = 0.32'
e = _____
TR = _____
SE RUN = _____
PC STA = 702+55.59
PT STA = 702+81.43
PR CURVE _____
PI STA = 703+01.07
Δ = 29°20'26" (RT)
D = 76°23'40"
R = 75.00'
T = 19.63'
E = 2.53'
e = _____
TR = _____
SE RUN = _____
PC STA = 702+81.43
PT STA = 703+19.84

CL800
PR CURVE _____
PI STA = 800+53.25
Δ = 37°18'47" (RT)
D = 76°23'40"
R = 75.00'
T = 25.32'
E = 4.16'
e = _____
TR = _____
SE RUN = _____
PC STA = 800+27.93
PT STA = 800+76.77
PR CURVE _____
PI STA = 800+88.04
Δ = 08°09'32" (RT)
D = 36°15'47"
R = 158.00'
T = 11.27'
E = 0.40'
e = _____
TR = _____
SE RUN = _____
PC STA = 800+76.77
PT STA = 800+99.33
PR CURVE _____
PI STA = 801+45.25
Δ = 257°38'41" (LT)
D = 154°51'12"
R = 37.00'
T = 45.98'
E = 22.02'
e = _____
TR = _____
SE RUN = _____
PC STA = 800+99.27
PT STA = 802+65.65

PR CURVE _____
PI STA = 802+79.64
Δ = 06°12'25" (RT)
D = 22°12'28"
R = 258.00'
T = 13.99'
E = 0.38'
e = _____
TR = _____
SE RUN = _____
PC STA = 802+65.65
PT STA = 802+93.60
PR CURVE _____
PI STA = 803+10.84
Δ = 25°53'48" (RT)
D = 76°23'40"
R = 75.00'
T = 17.24'
E = 1.96'
e = _____
TR = _____
SE RUN = _____
PC STA = 802+93.60
PT STA = 803+27.50



CL500
PR CURVE _____
PI STA = 500+19.24
Δ = 15°06'50" (RT)
D = 39°30'52"
R = 145.00'
T = 19.24'
E = 1.27'
e = _____
TR = _____
SE RUN = _____
PC STA = 500+00.00
PT STA = 500+38.25
PR CURVE _____
PI STA = 500+73.27
Δ = 28°05'16" (RT)
D = 40°55'32"
R = 140.00'
T = 35.02'
E = 4.31'
e = _____
TR = _____
SE RUN = _____
PC STA = 500+38.25
PT STA = 501+06.88
PR CURVE _____
PI STA = 501+74.60
Δ = 258°09'55" (LT)
D = 104°10'27"
R = 55.00'
T = 67.72'
E = 32.24'
e = _____
TR = _____
SE RUN = _____
PC STA = 501+06.88
PT STA = 503+54.70

PR CURVE _____
PI STA = 503+99.65
Δ = 20°47'33" (RT)
D = 23°23'10"
R = 245.00'
T = 44.95'
E = 4.09'
e = _____
TR = _____
SE RUN = _____
PC STA = 503+54.70
PT STA = 504+43.61

PR CURVE _____
PI STA = 504+73.44
Δ = 14°10'16" (RT)
D = 23°52'24"
R = 240.00'
T = 29.83'
E = 1.85'
e = _____
TR = _____
SE RUN = _____
PC STA = 504+43.61
PT STA = 505+02.97
PR CURVE _____
PI STA = 507+47.10
Δ = 02°43'32" (RT)
D = 00°33'30"
R = 10,261.87'
T = 244.12'
E = 2.90'
e = _____
TR = _____
SE RUN = _____
PC STA = 505+02.97
PT STA = 509+91.13

PR CURVE _____
PI STA = 510+41.83
Δ = 39°48'55" (RT)
D = 40°55'32"
R = 140.00'
T = 50.70'
E = 8.90'
e = _____
TR = _____
SE RUN = _____
PC STA = 509+91.13
PT STA = 510+88.41
PR CURVE _____
PI STA = 511+56.85
Δ = 257°34'32" (LT)
D = 104°10'27"
R = 55.00'
T = 68.44'
E = 32.80'
e = _____
TR = _____
SE RUN = _____
PC STA = 510+88.41
PT STA = 513+35.67

PR CURVE _____
PI STA = 513+83.12
Δ = 22°22'08" (RT)
D = 23°52'24"
R = 240.00'
T = 47.45'
E = 4.65'
e = _____
TR = _____
SE RUN = _____
PC STA = 513+35.67
PT STA = 514+29.37
PR CURVE _____
PI STA = 514+61.80
Δ = 15°04'47" (RT)
D = 23°23'10"
R = 245.00'
T = 32.43'
E = 2.14'
e = _____
TR = _____
SE RUN = _____
PC STA = 514+29.37
PT STA = 514+93.85

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USER NAME = \$USER\$	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
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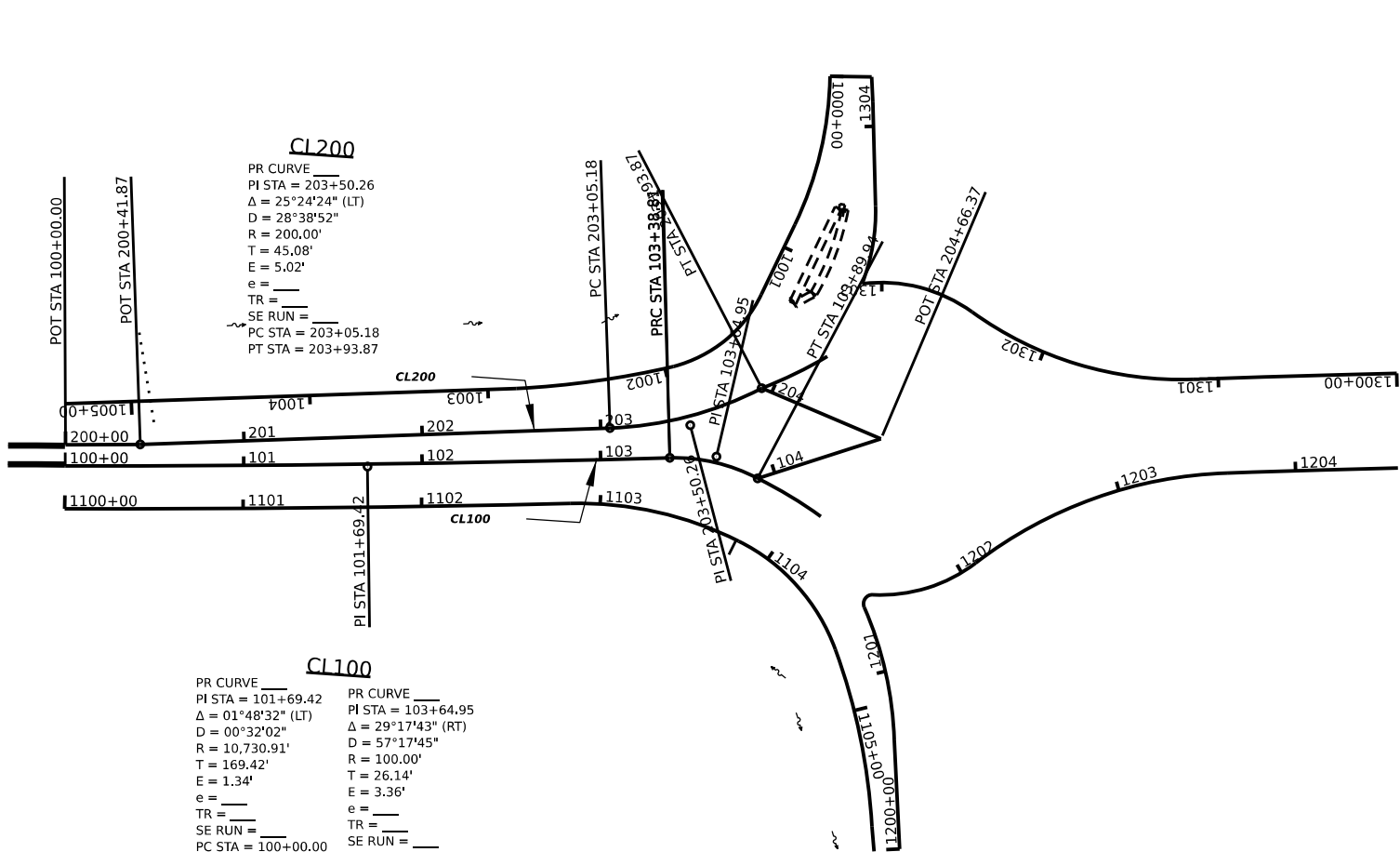
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED GEOPAK ELEMENTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	34
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

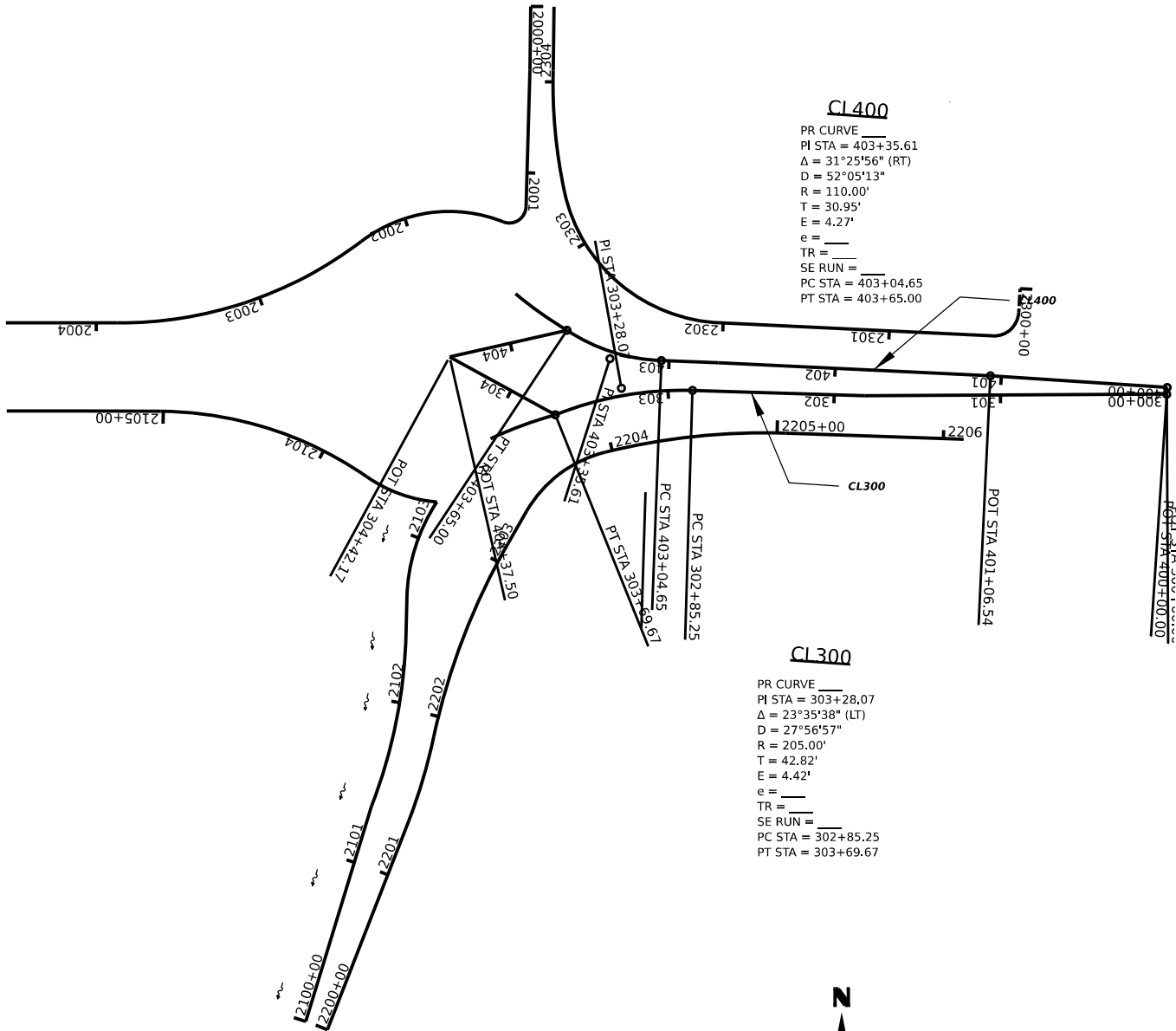
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CL200
PR CURVE
PI STA = 203+50.26
 $\Delta = 25^\circ 24' 24''$ (LT)
D = 28°38'52"
R = 200.00'
T = 45.08'
E = 5.02'
e =
TR =
SE RUN =
PC STA = 203+05.18
PT STA = 203+93.87

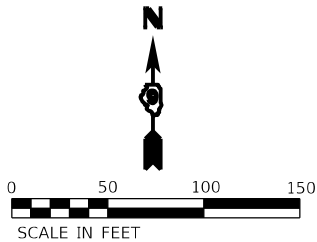
CL100
PR CURVE
PI STA = 101+69.42
 $\Delta = 01^\circ 48' 32''$ (LT)
D = 00°32'02"
R = 10.730.91'
T = 169.42'
E = 1.34'
e =
TR =
SE RUN =
PC STA = 100+00.00
PT STA = 103+38.81

CL100
PR CURVE
PI STA = 103+64.95
 $\Delta = 29^\circ 17' 43''$ (RT)
D = 57°17'45"
R = 100.00'
T = 26.14'
E = 3.36'
e =
TR =
SE RUN =
PC STA = 103+38.81
PT STA = 103+89.94



CL400
PR CURVE
PI STA = 403+35.61
 $\Delta = 31^\circ 25' 56''$ (RT)
D = 52°05'13"
R = 110.00'
T = 30.95'
E = 4.27'
e =
TR =
SE RUN =
PC STA = 403+04.65
PT STA = 403+65.00

CL300
PR CURVE
PI STA = 303+28.07
 $\Delta = 23^\circ 35' 38''$ (LT)
D = 27°56'57"
R = 205.00'
T = 42.82'
E = 4.42'
e =
TR =
SE RUN =
PC STA = 302+85.25
PT STA = 303+69.67

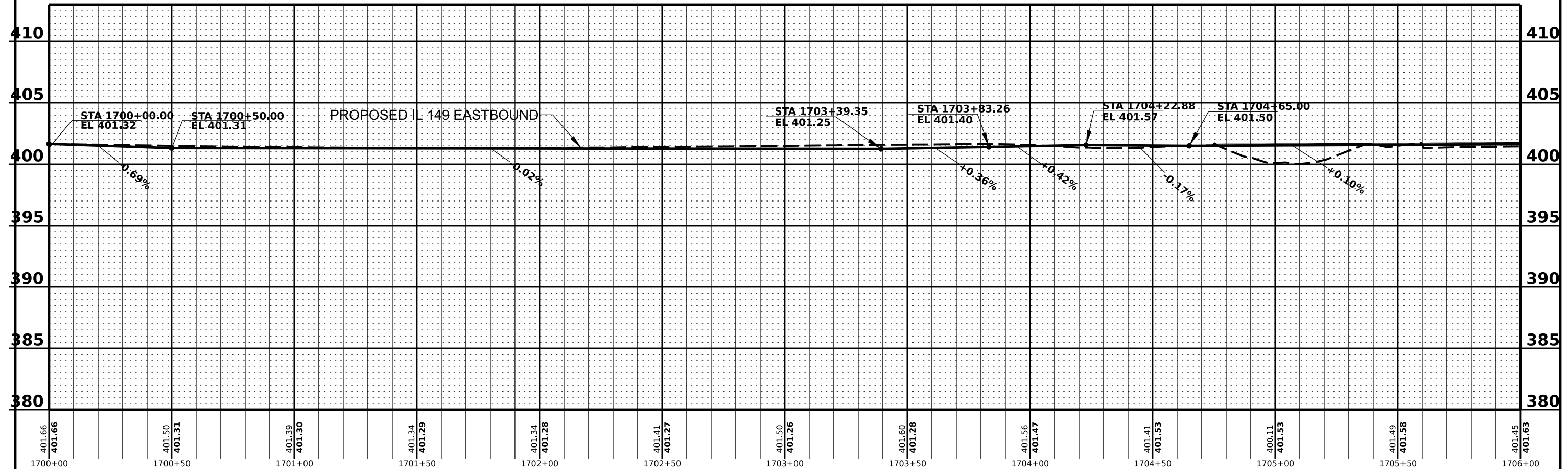
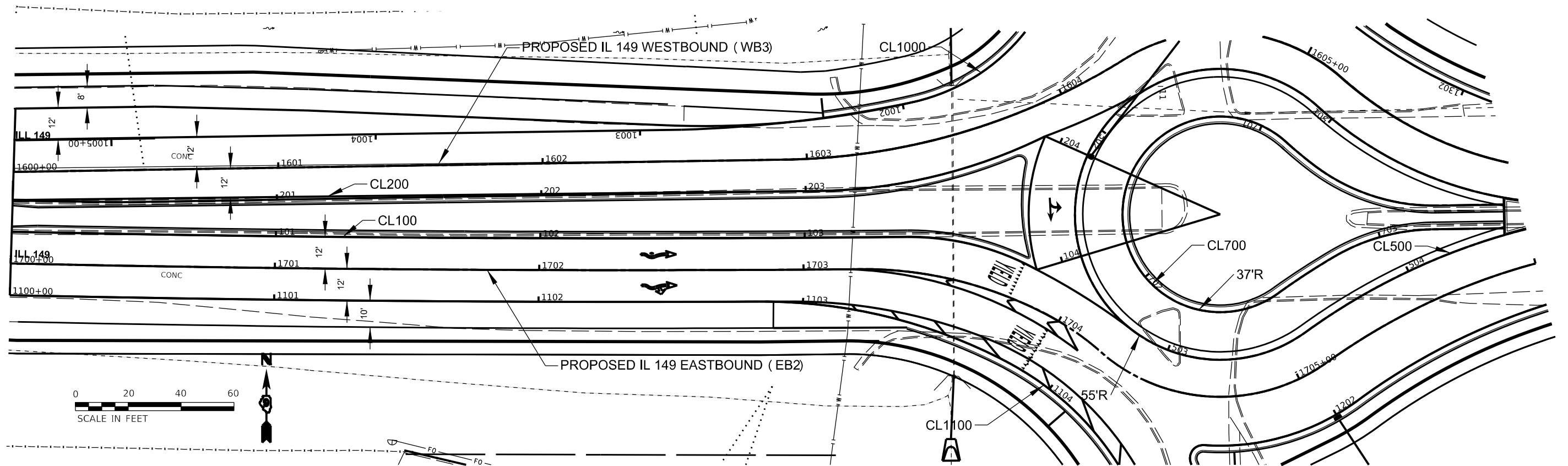


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED GEOPAK ELEMENTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	35
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



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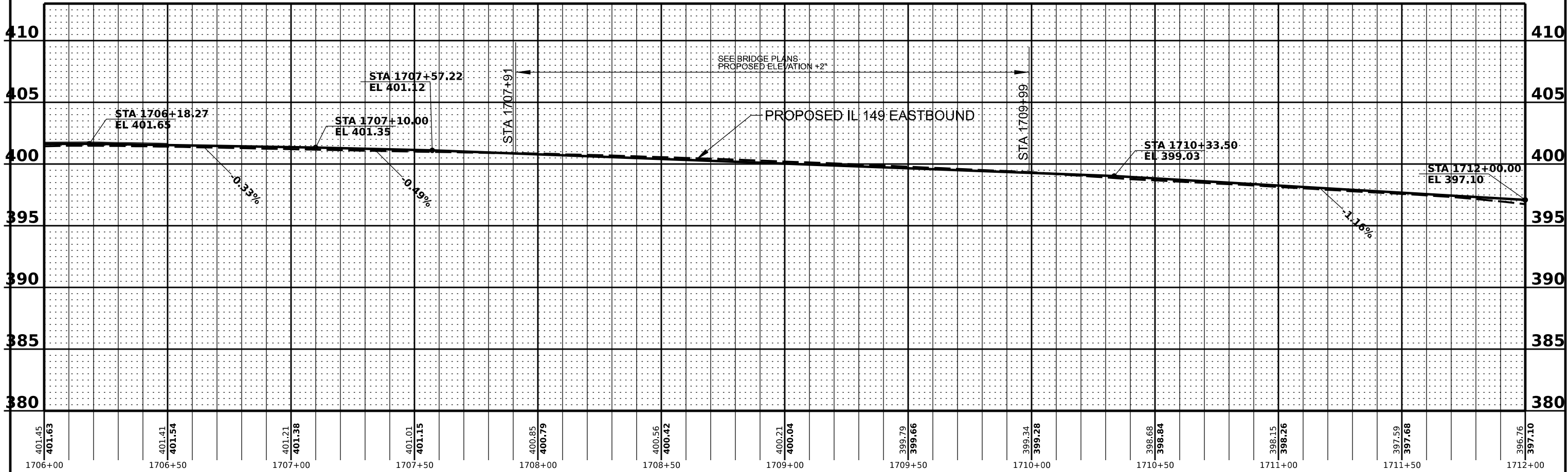
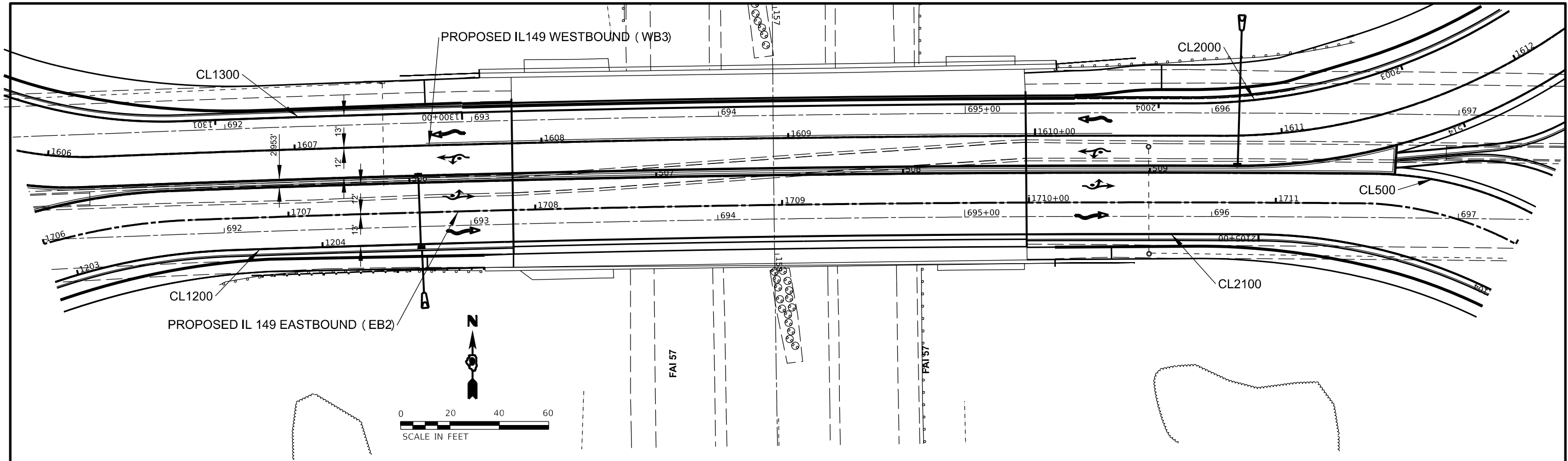
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN PROFILE
IL 149 EASTBOUND

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	36
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



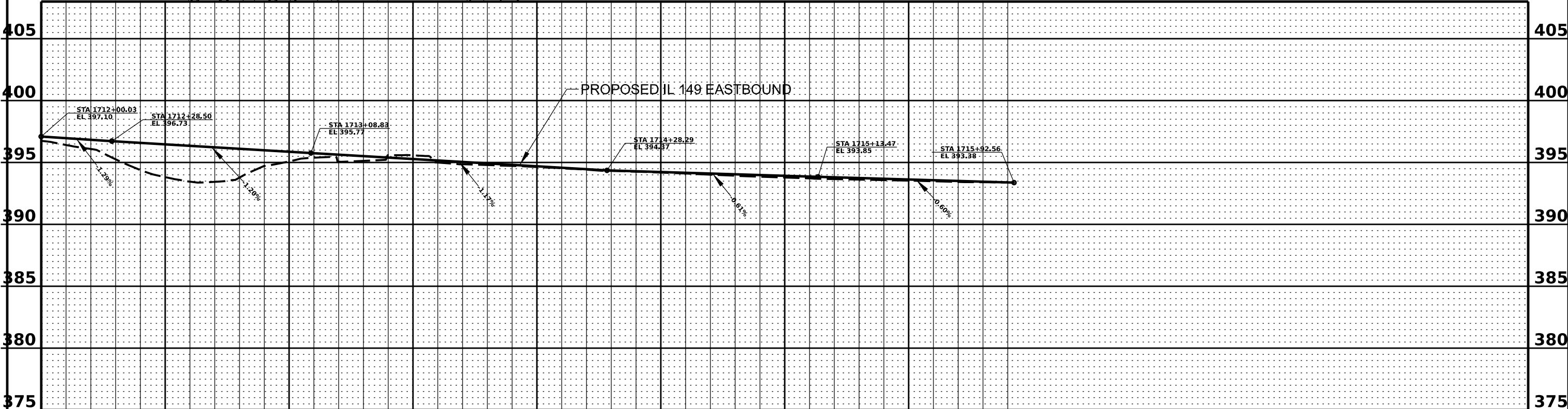
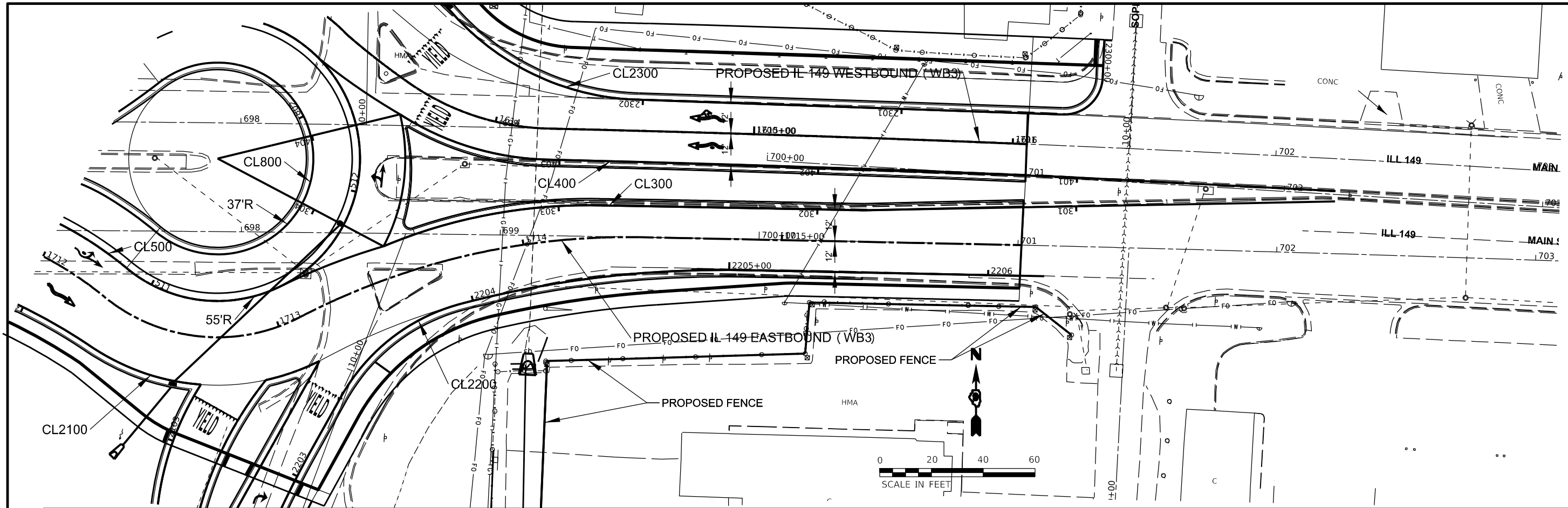
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	DRAWN -	REVISED -
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PLOT DATE = S\$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

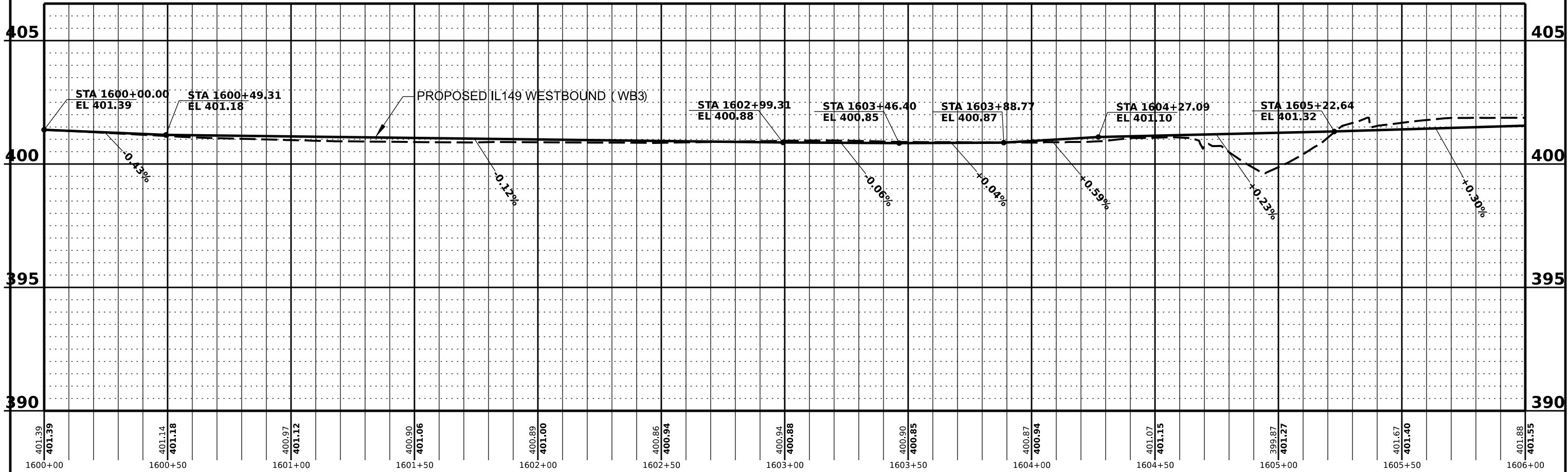
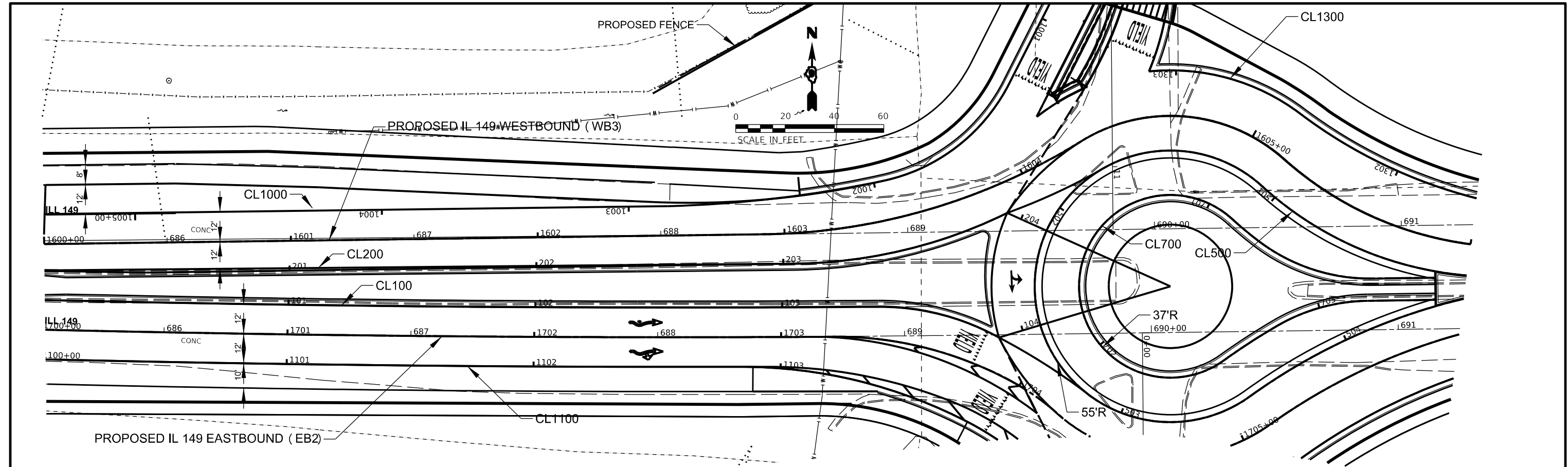
PLAN PROFILE IL 149 EASTBOUND			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	37
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



396.76 1712+00	397.10 1712+50	393.82 1713+00	396.47 1713+50	395.09 1714+00	395.88 1714+50	395.58 1715+00	395.29 1715+50	394.64 1716+00	394.70 1716+50	394.19 1717+00	394.24 1717+50	393.79 1718+00	393.93 1718+50	393.54 1719+00	393.63 1719+50
USER NAME = SUSERS		DESIGNED -		REVISED -		DRAWN -		REVISED -		CHECKED -		REVISED -		DATE -	
PLOT SCALE = S\$SCALE\$		PLOT DATE = S\$DATE\$		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAN PROFILE IL 149 EASTBOUND		SCALE:		SHEET OF SHEETS		STA. TO STA.		F.A.P. RTE. 873	
														SECTION (28-5)K-1	
														COUNTY FRANKLIN	
														TOTAL SHEETS 162	
														SHEET NO. 38	
														CONTRACT NO. 78814	
														ILLINOIS FED. AID PROJECT	

MODEL: C:\MODELS\NAMES
FILE: NAMED: SHEET



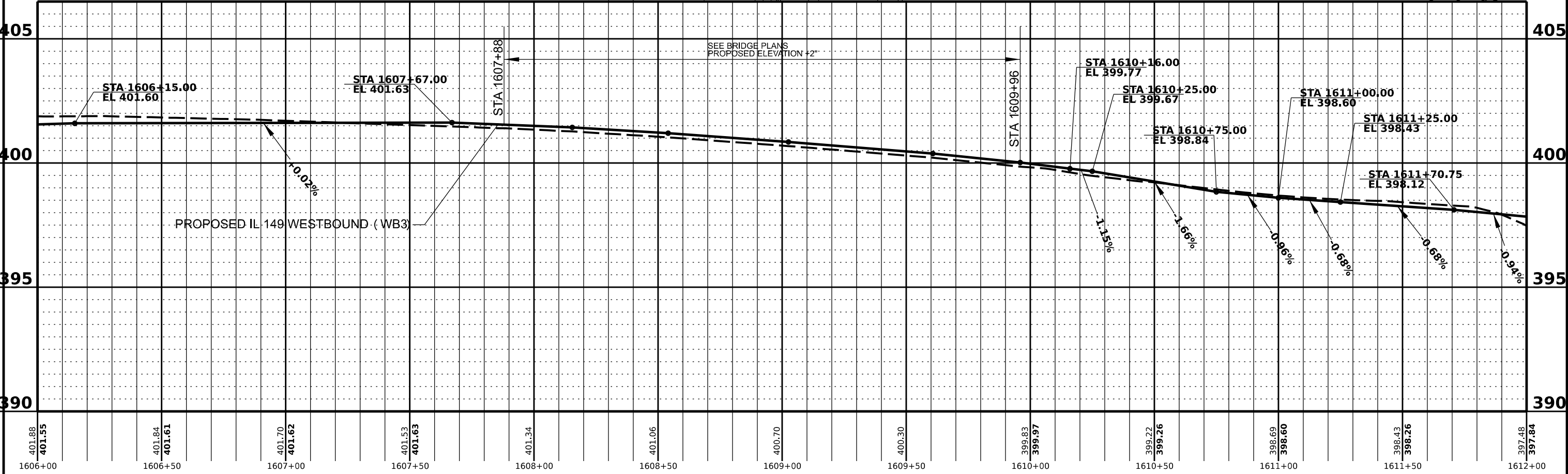
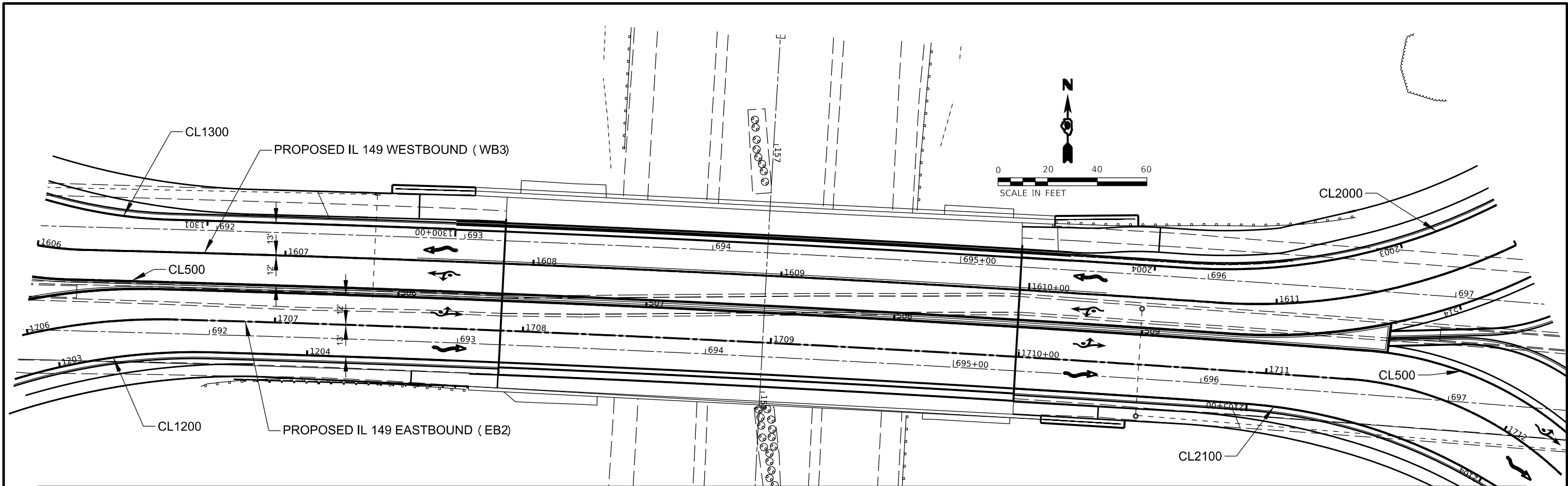
MODEL - C:\MODELS\NAMES
FILE NAME - SHEET

USER NAME =	SUSERS	DESIGNED -	REVISED -
DRAWN -		REVISED -	
PLOT SCALE =	S\$SCALE\$	CHECKED -	REVISED -
PLOT DATE =	S\$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN PROFILE IL 149 WESTBOUND			
SCALE:	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	39
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



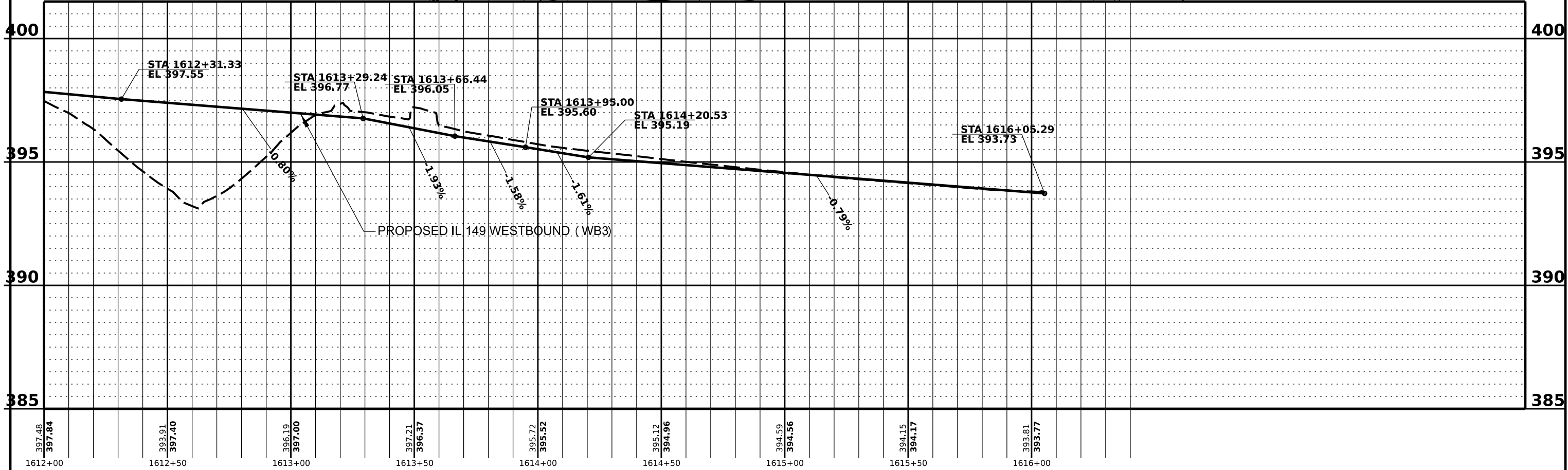
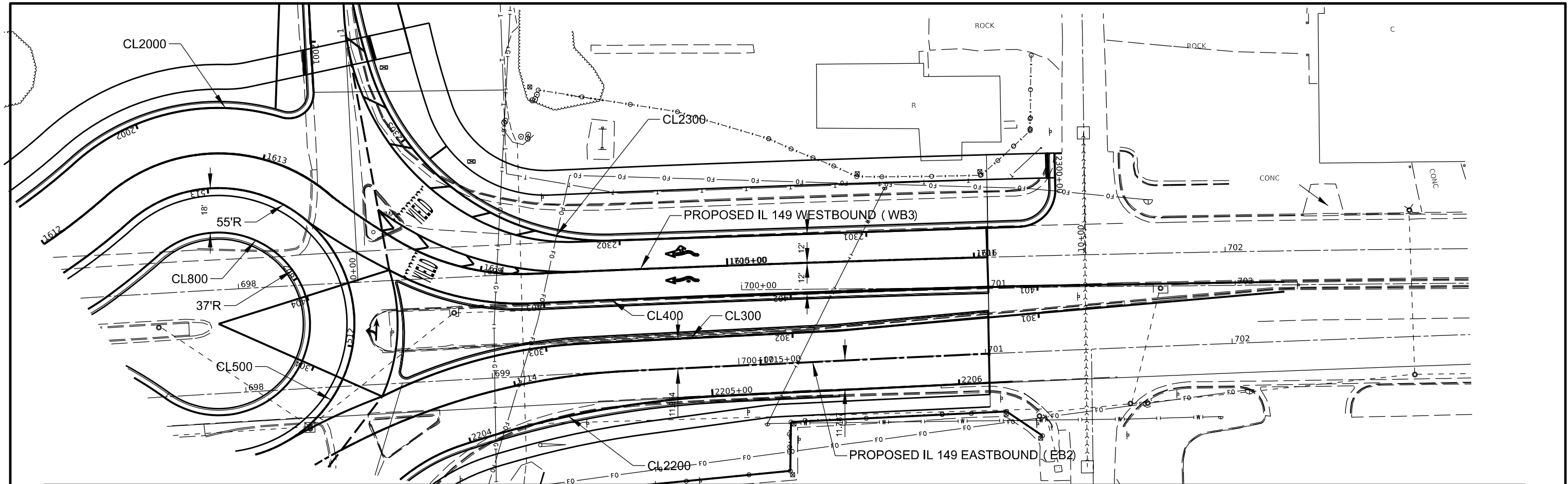
MODEL: C:\MODELS\NAMES
FILE NAME: SHELLEY

USER NAME = SUSERS	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = S\$SCALE\$	CHECKED -	REVISED -
PLOT DATE = S\$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN PROFILE IL 149 WESTBOUND			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	40
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



MODEL: SHOSLNAME15
FILE NAME: SHEL15

USER NAME = SUSERS	DESIGNED -	REVISED -
PLOT SCALE = S\$SCALE\$	DRAWN -	REVISED -
PLOT DATE = S\$DATE\$	CHECKED -	REVISED -
	DATE -	REVISED -

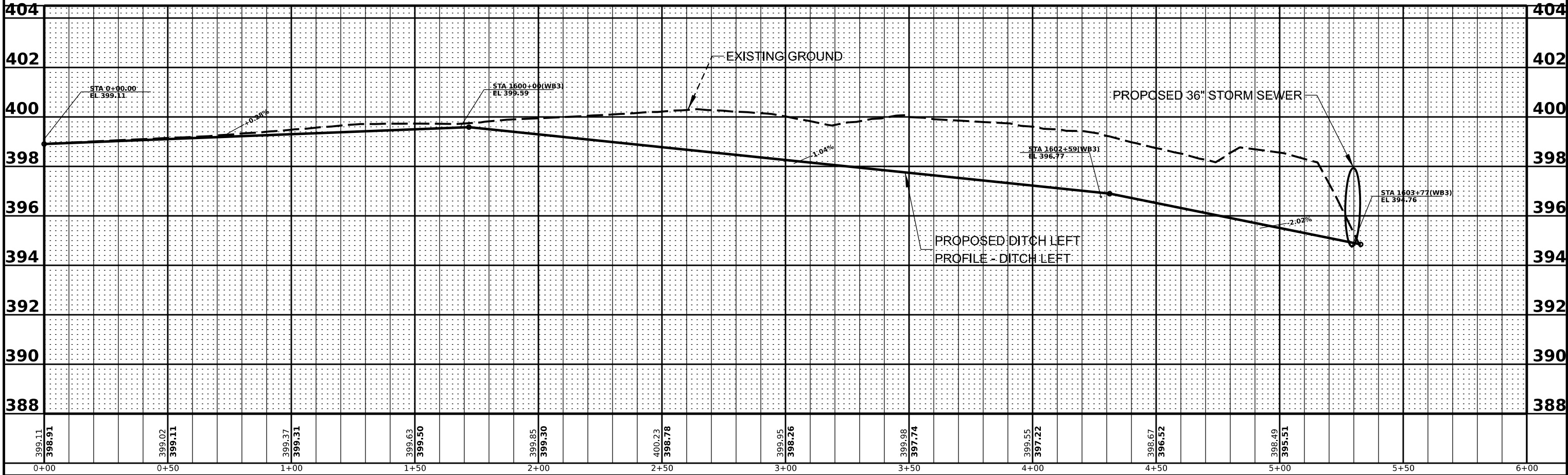
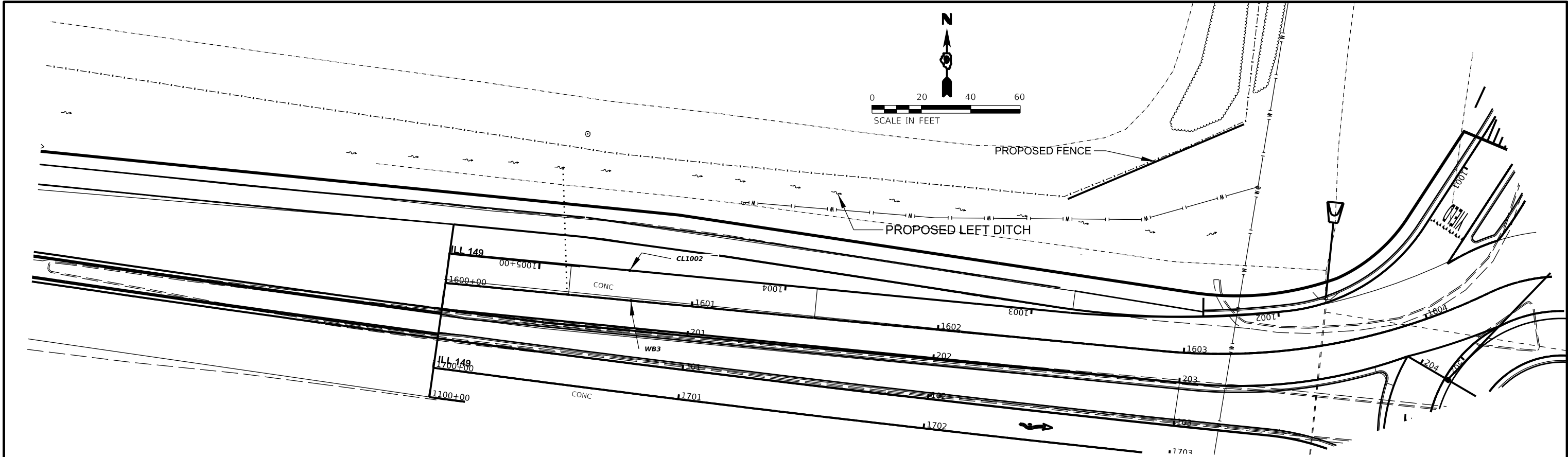
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN PROFILE IL 149 WESTBOUND			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	41
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	BY	
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHKD	



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

USER NAME = \$USERS\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

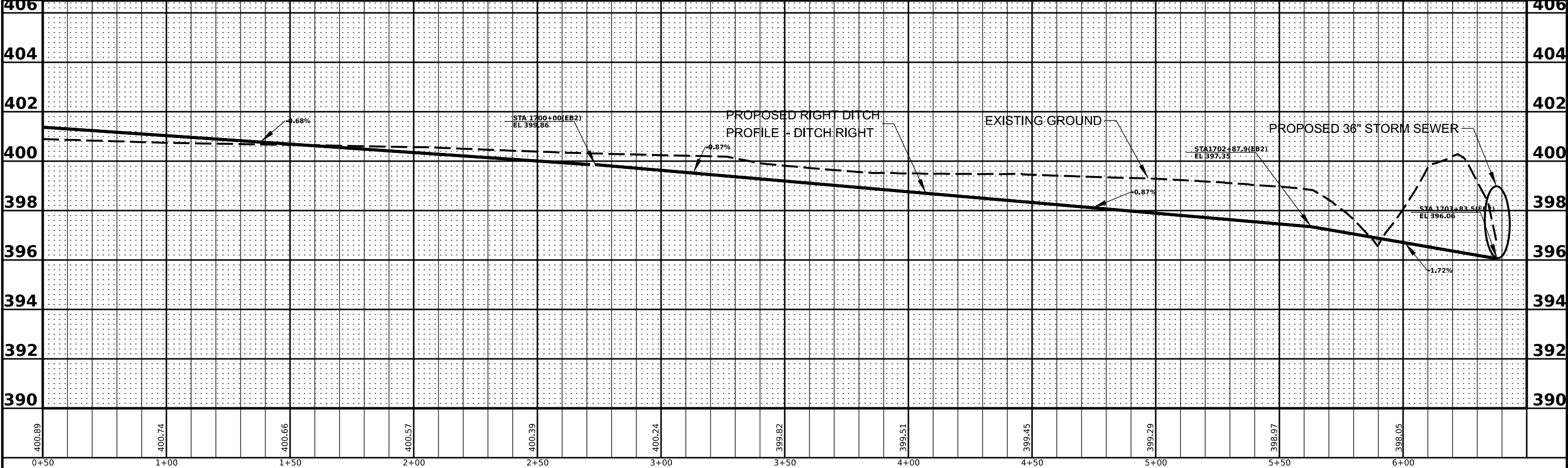
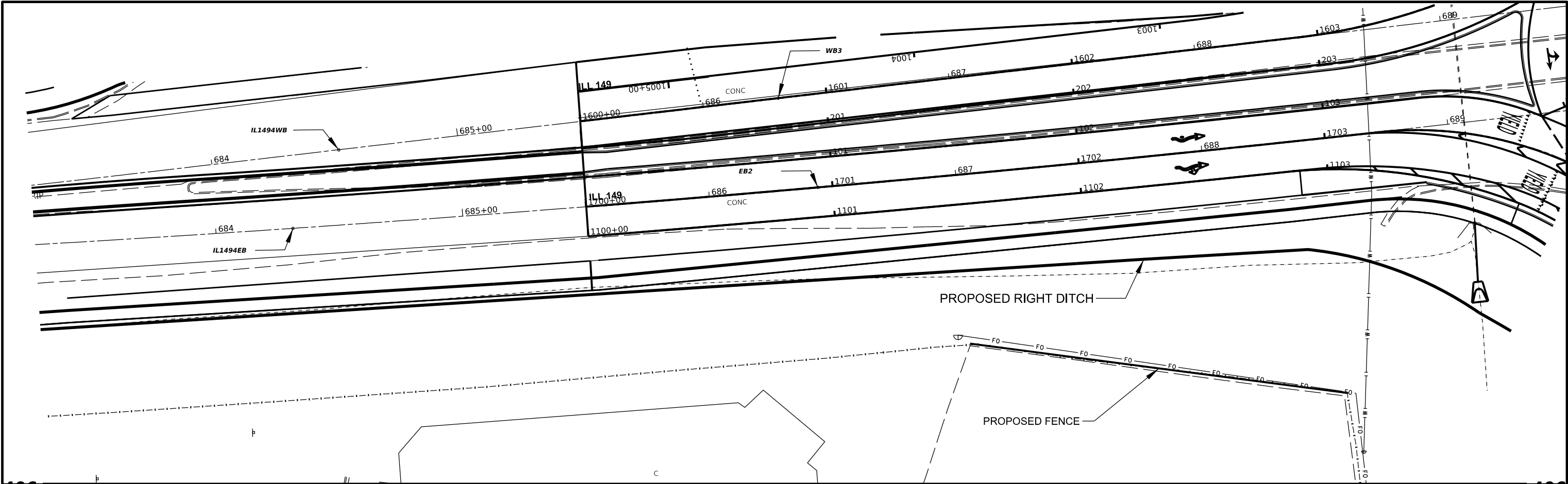
DITCH PROFILE IL149 LEFT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	42
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

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

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



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

USER NAME	= \$USERS\$	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= \$DATE\$	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

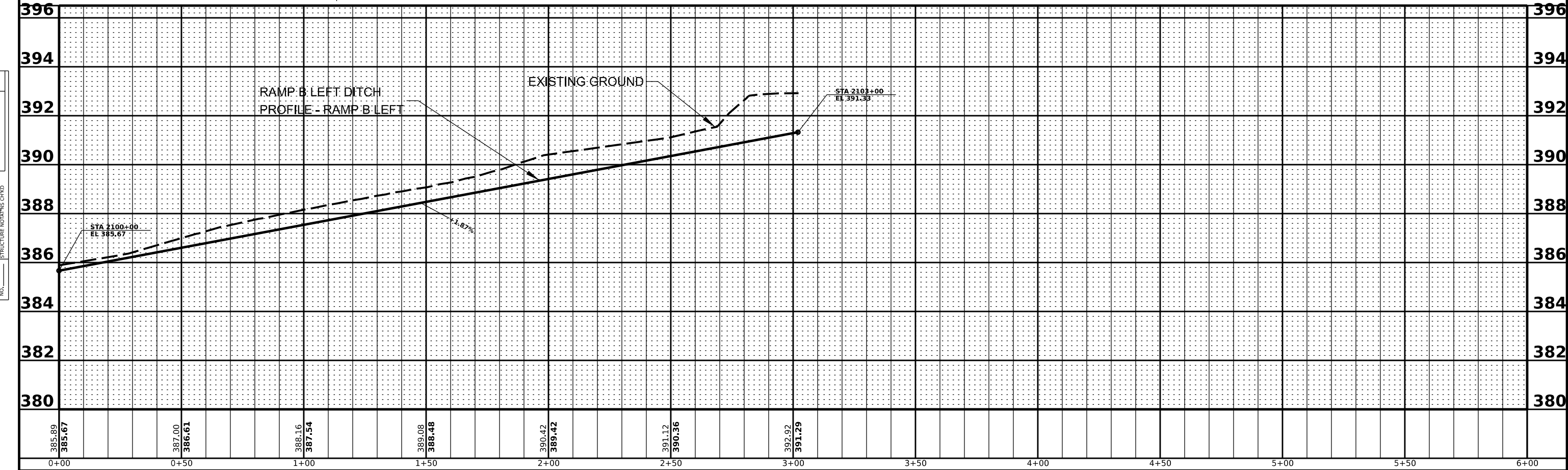
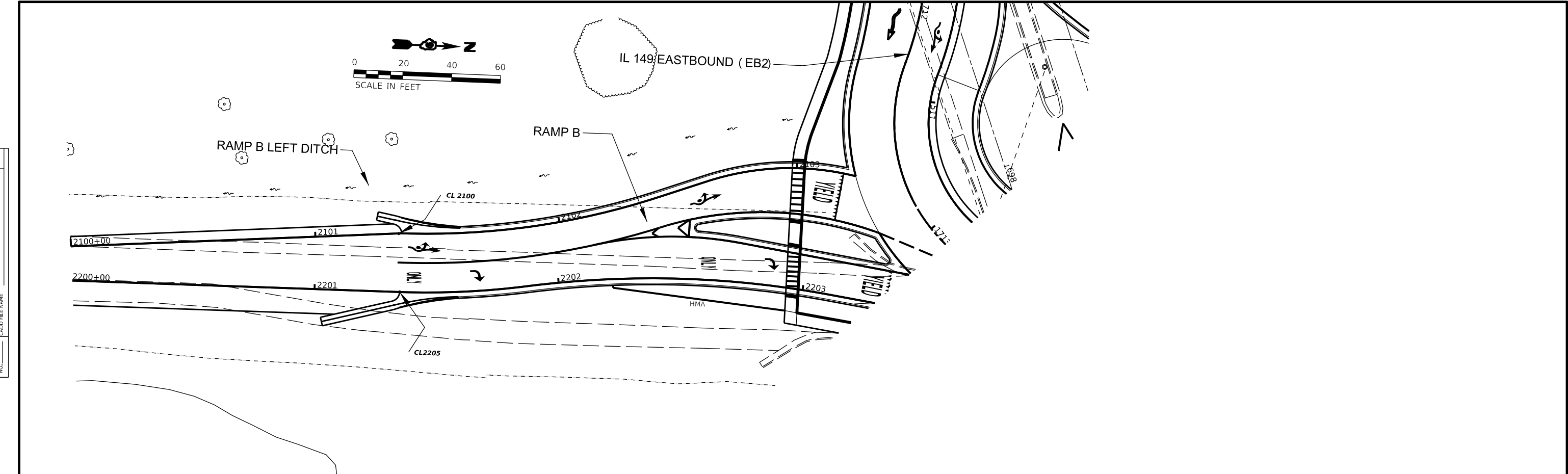
DITCH PROFILE IL 149 RIGHT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	43
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHK'D	
NOTE BOOK NO.		



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

USER NAME = \$USERS\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATES\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

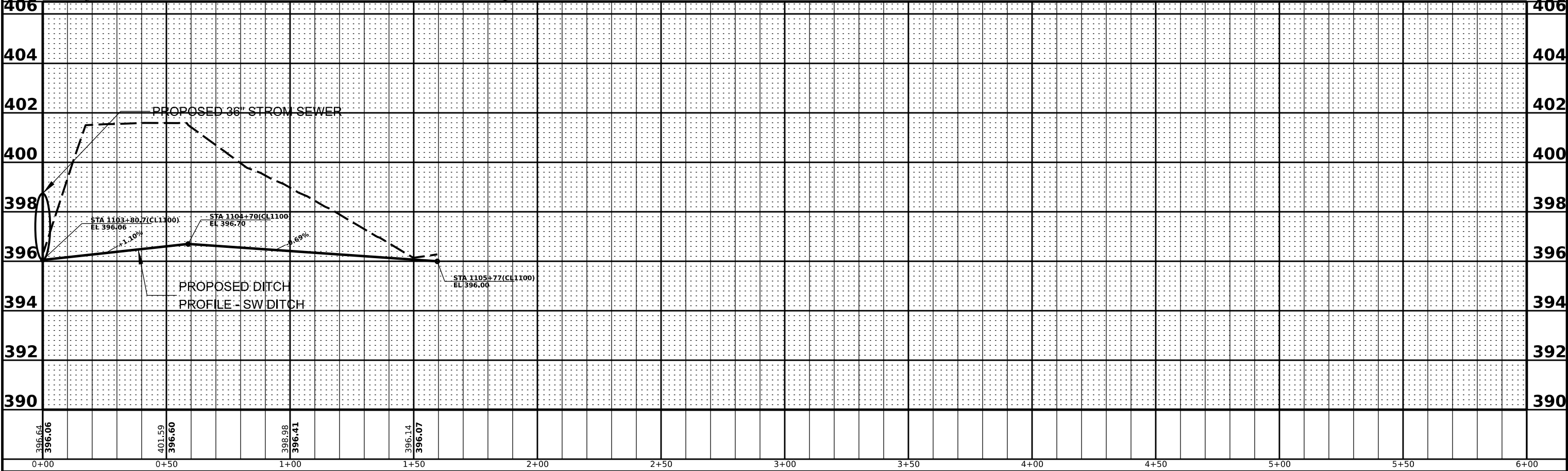
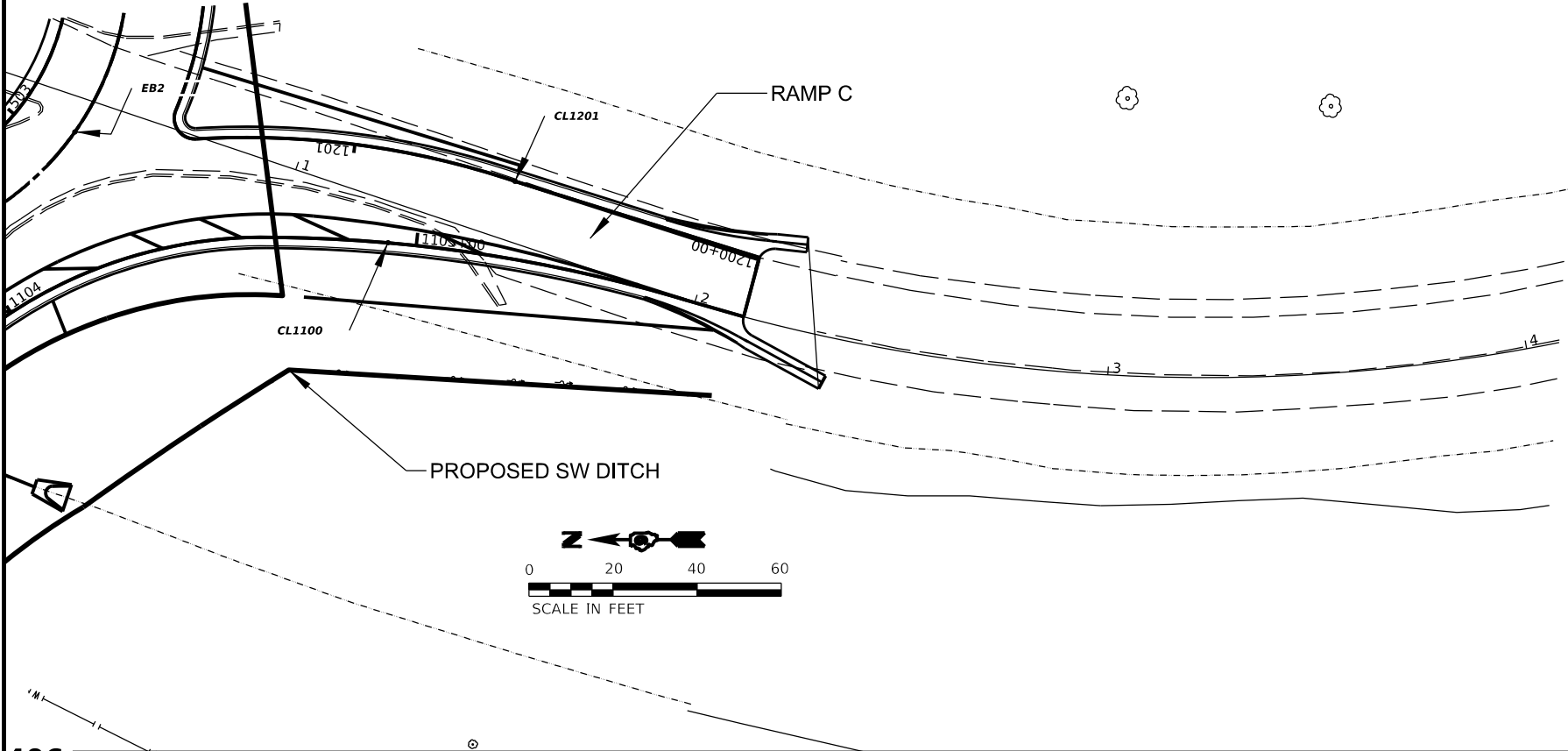
RAMP B DITCH PROFILE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	44
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHK'D		
NOTE BOOK NO.			



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

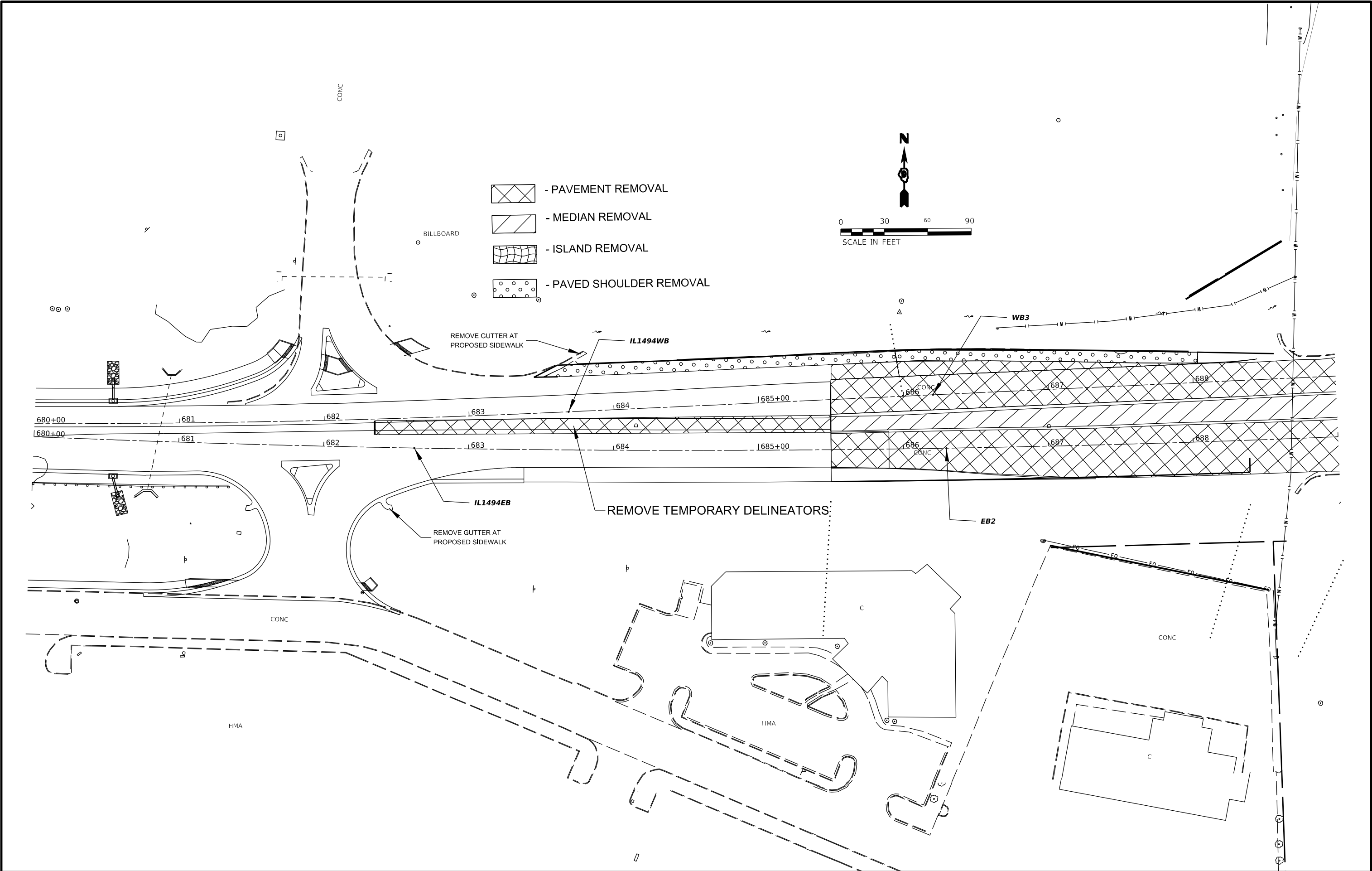
USER NAME = \$USER\$	DESIGNED -	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = \$DATE\$	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH PROFILE RAMP C RIGHT

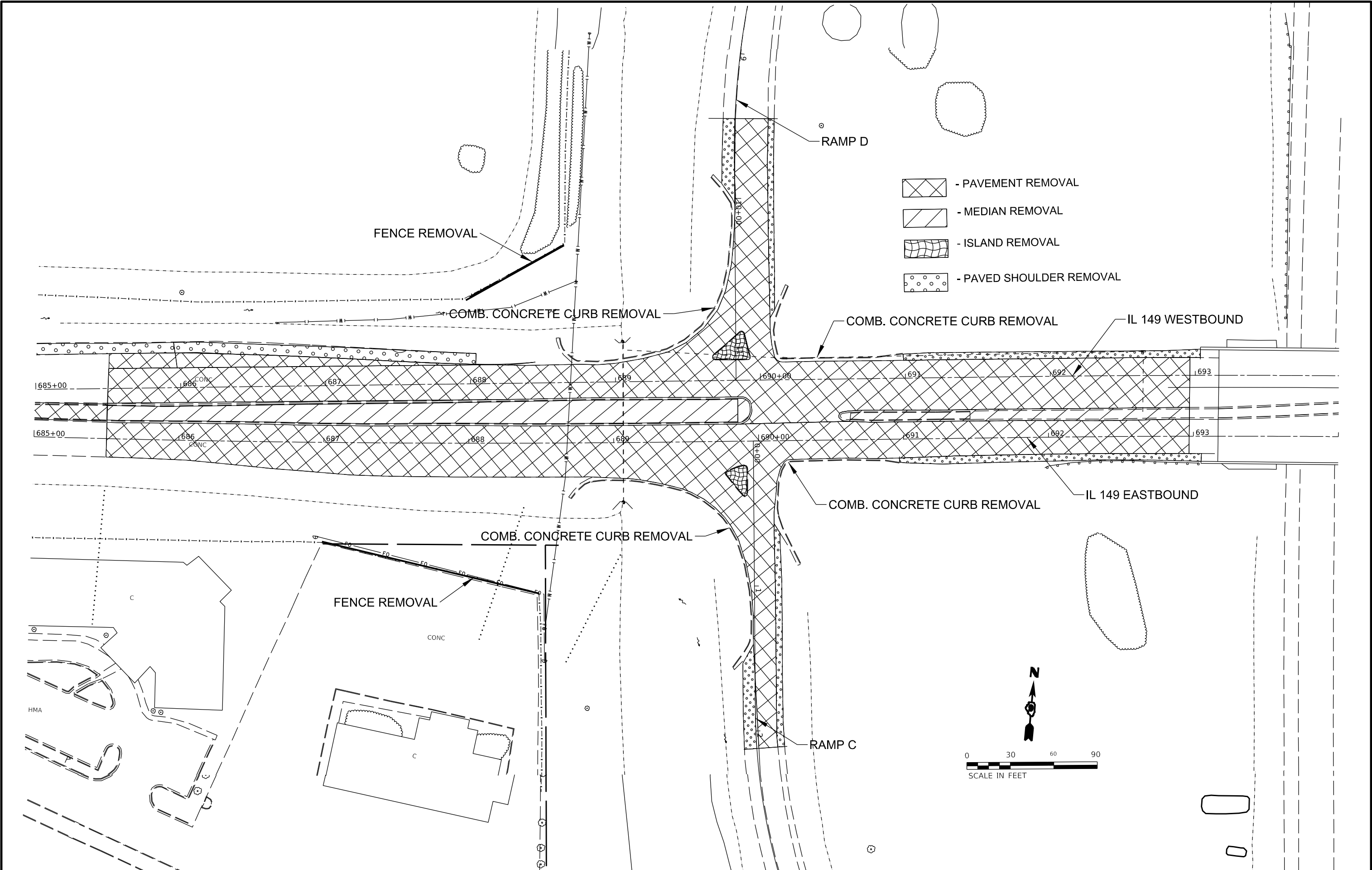
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	45
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



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

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		REMOVAL SHEET		F.A.P. RTE. 873				SECTION (28-5) K-1		COUNTY FRANKLIN		TOTAL SHEETS 162		SHEET NO. 46	
USER NAME	= \$USER\$	DESIGNED	-	REVISED	-														
		DRAWN	-	REVISED	-														
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-														
PLOT DATE	= \$DATE\$	DATE	-	REVISED	-														
						SCALE:		SHEET		OF		SHEETS		STA.		TO STA.			
																		ILLINOIS	
																		FED. AID PROJECT	



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

USER NAME	= \$USER\$	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= \$DATE\$	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	47
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

-  - PAVEMENT REMOVAL
-  - MEDIAN REMOVAL
-  - ISLAND REMOVAL
-  - PAVED SHOULDER REMOVAL

RAMP A

ABANDONED 3" PIPE ENCASED IN A
6" PIPE TO BE REMOVED WITHIN
CONSTRUCTION LIMITS. TO BE INCLUDED
IN THE COST OF EARTH EXCAVATION.

GUARDRAIL REMOVAL

COMB. CURB & GUTTER REMOVAL

IL 149 WESTBOUND

COMB. CURB & GUTTER REMOVAL

IL 149 EASTBOUND

COMB. CURB & GUTTER REMOVAL

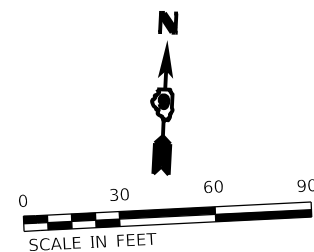
COMB. CURB & GUTTER REMOVAL

FENCE REMOVAL

PIPE CULVERT REMOVAL, 50'

SAW CUT EXISTING PARKING LOT
AT ROW. TO BE INCLUDED IN THE COST OF
PAVEMENT REMOVAL.

RAMP B



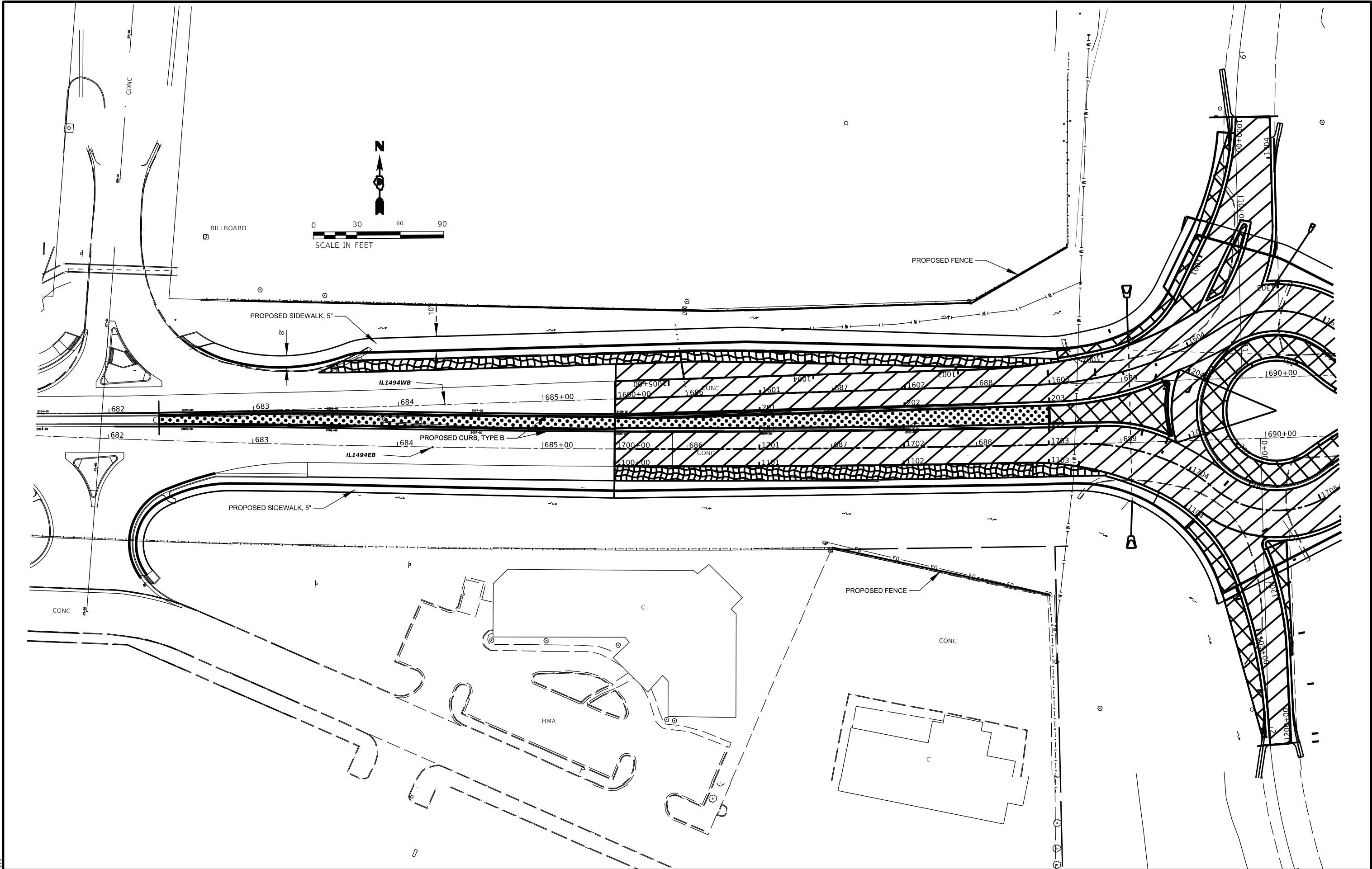
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	48
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

USER NAME = \$USERS\$	DESIGNED -	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = \$DATES\$	CHECKED -	REVISED -
	DATE -	REVISED -



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

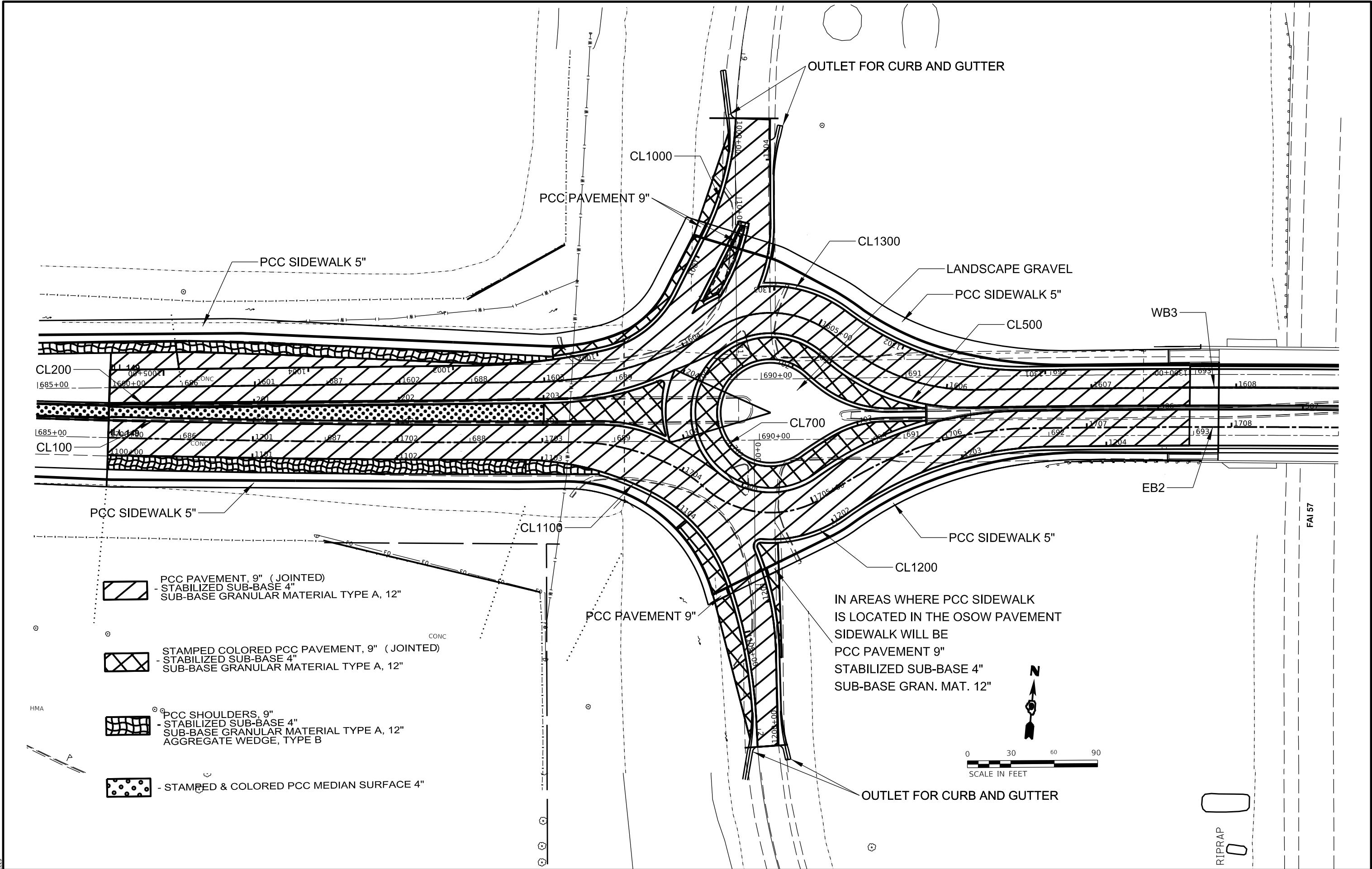
USER NAME	= \$USER\$	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
PLOT SCALE	= \$SCALE\$	DATE	-	REVISED	-
PLOT DATE	= \$DATE\$				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION SHEET

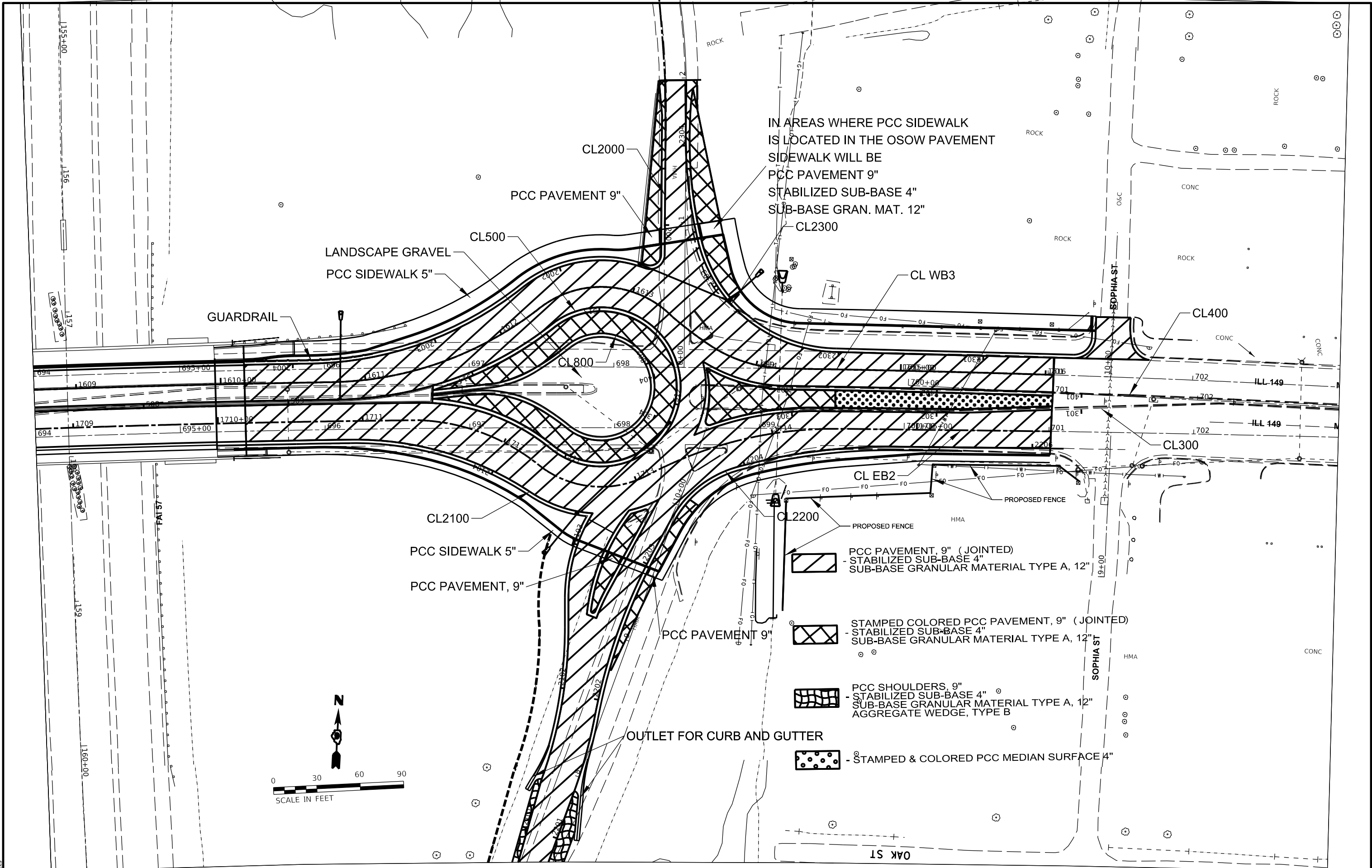
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	49
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CONSTRUCTION SHEET				F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.			
USER NAME = \$USERS\$				DESIGNED -				873 (28-5)K-1 FRANKLIN 162 50			
DRAWN -				REVISD -				CONTRACT NO. 78814			
PLOT SCALE = \$SCALE\$				CHECKED -				ILLINOIS FED. AID PROJECT			
PLOT DATE = \$DATES\$				DATE -							
SCALE:				SHEET OF SHEETS STA. TO STA.							

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



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

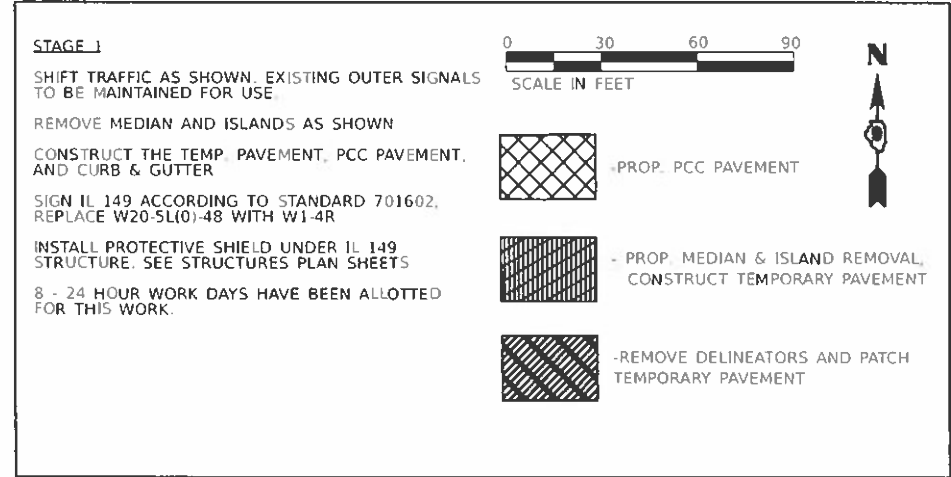
USER NAME	= \$USERS\$	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= \$DATES\$	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	51
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				





SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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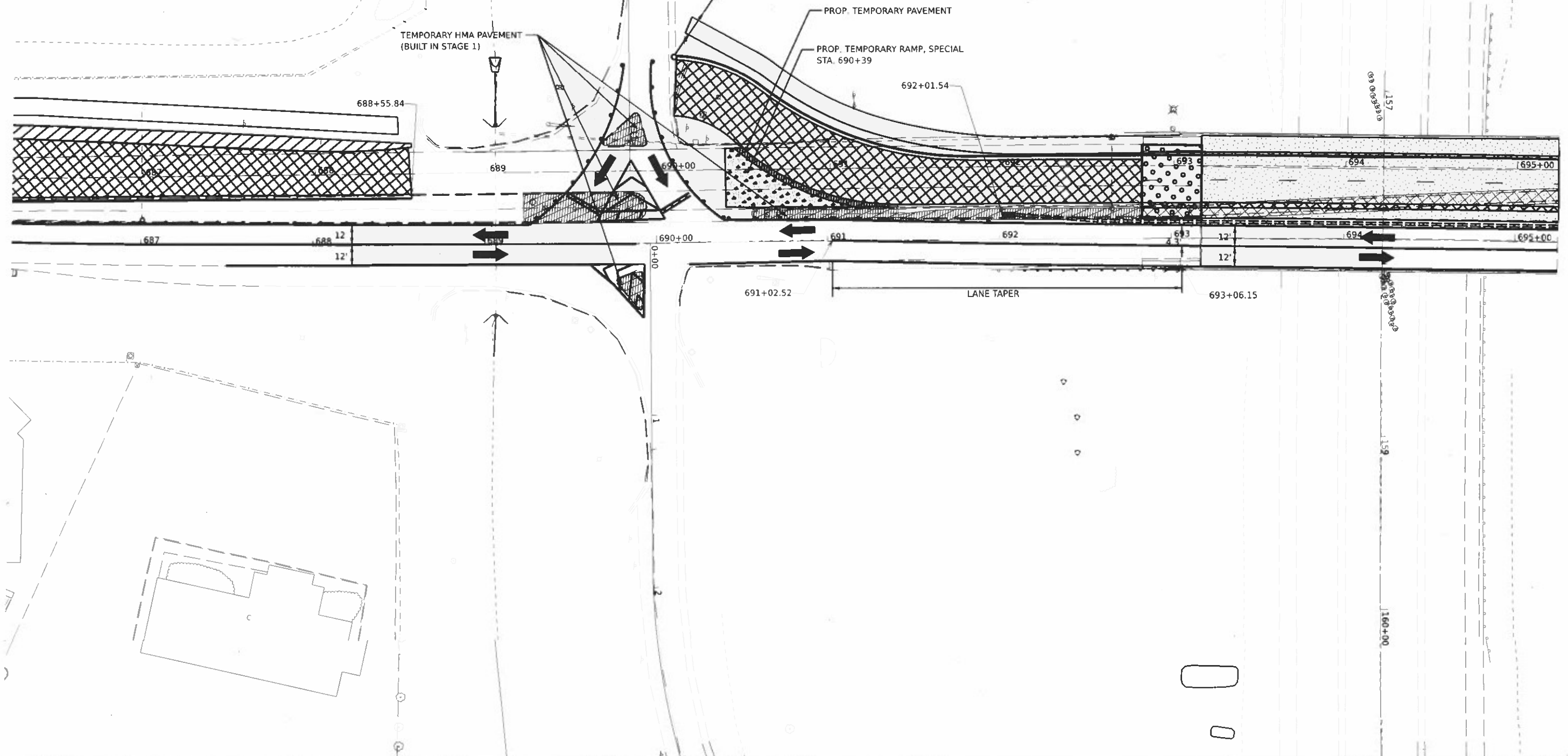
ILLINOIS	FED. AID PROJECT
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TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC
CONTROL AND PROTECTION SPECIAL

SIGN IL 149 ACCORDING TO STANDARD 701602
REPLACE W20 5L(0) 48 WITH W1.4R

45 - 8 HOUR WORK DAYS HAVE BEEN ALLOTTED
FOR THIS WORK

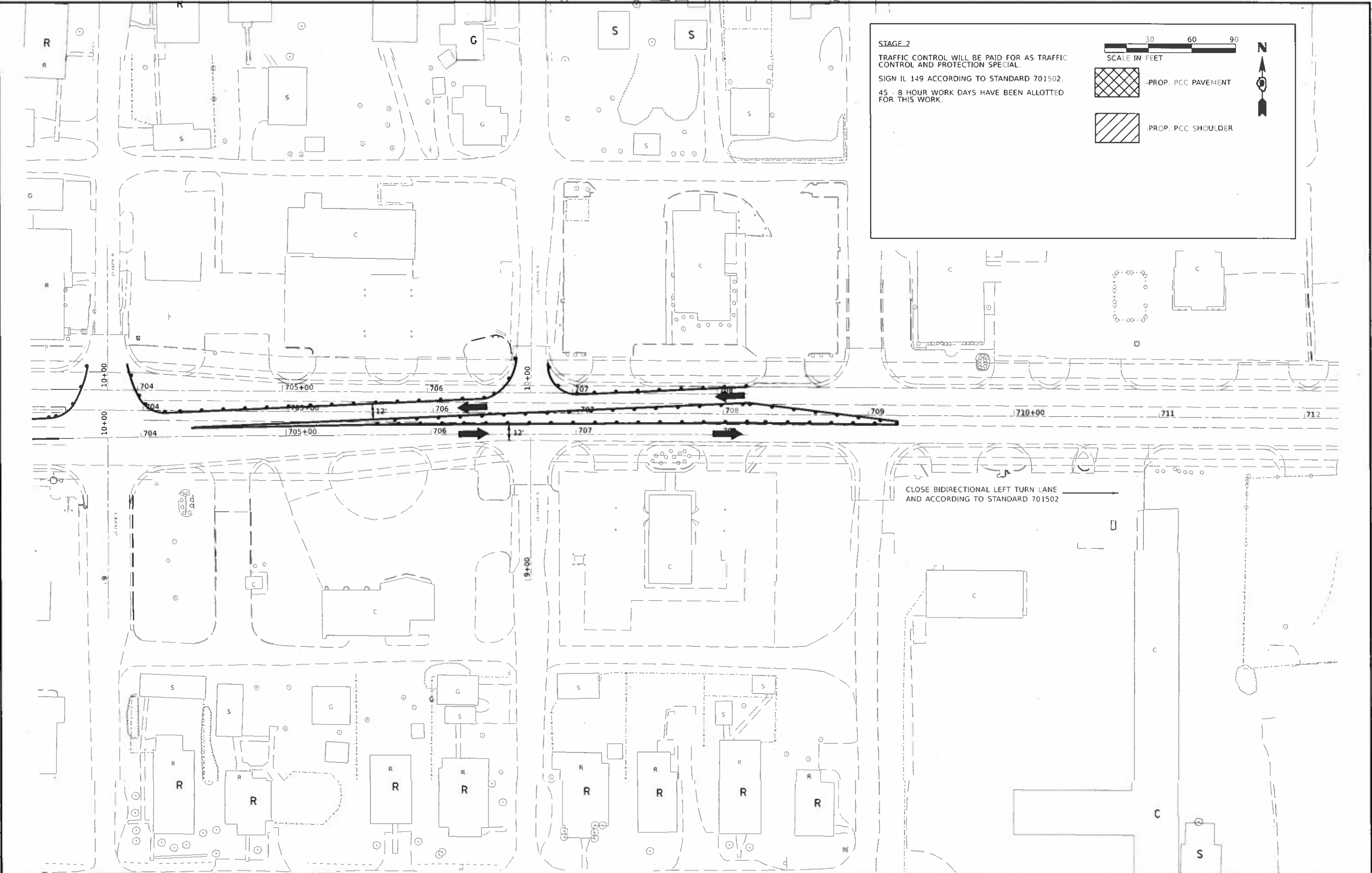
 -PROP PCC PAVEMENT PROP TEMP PAVEMENT

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 2

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	56
		CONTRACT NO. 78814		
		ILLINOIS	FED. AID	PROJECT

MOUL IL 149 ILU Stage2 - 1 Sheet
FILE NAME: P:\78814\78814\149 ILU Stage2 - 1 Sheet.dwg
PROJECT: 78814 - 149 ILU Stage2 - 1 Sheet



USER NAME	Sean Greenlee
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	3/15/2023

DESIGNED	-
REVISD	-
REVISD	-
REVISD	-
REVISD	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-51X-1)	FRANKLIN	162	58
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



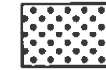
TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC
CONTROL AND PROTECTION SPECIAL

SIGN IL 149 ACCORDING TO STANDARD 701602.
REPLACE W20-5L(0)-48 WITH W1-4R

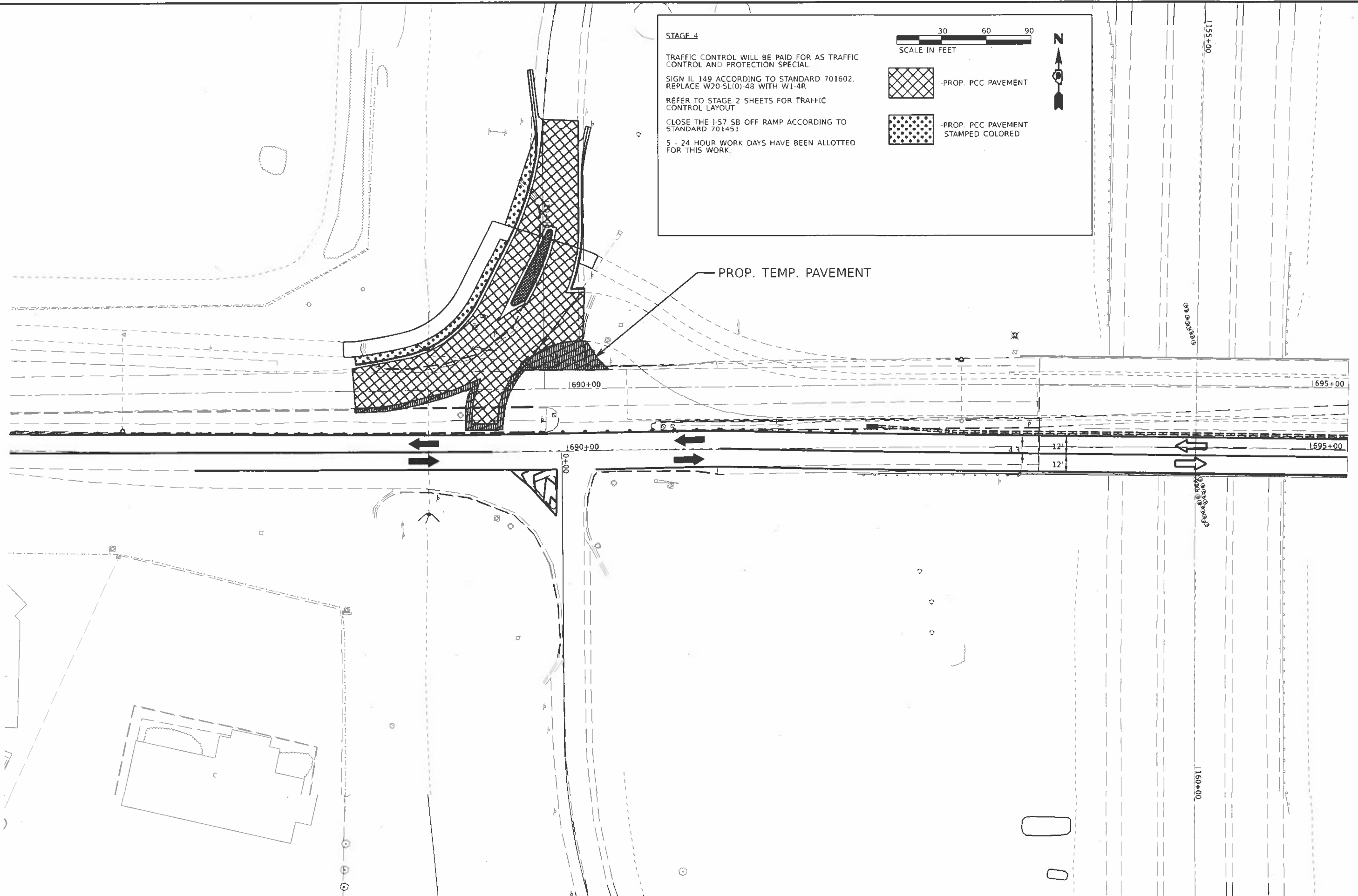
REFER TO STAGE 2 SHEETS FOR TRAFFIC
CONTROL LAYOUT

CLOSE THE I-57 SB OFF RAMP ACCORDING TO
STANDARD 701451

5 - 24 HOUR WORK DAYS HAVE BEEN ALLOTTED FOR THIS WORK.



- PROP. TEMP. PAVEMENT



USER NAME = Sean Greenlee	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633 / in	CHECKED -	REVISED -
PLOT DATE = 5/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 4

SCALE	SHEET	OF	SHEETS	STA.	TO STA.
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F A P RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
873	(28.5)K-1	FRANKLIN	162	69
		CONTRACT NO 78814		
		ILJING	FED AID PROJECT	

MODEL IL 149146 - Stage 2 (Sheet)
FILE NAME: \\08601\m\hollis\c\proj\1001\Documents\1001_0_cad\stage2\1001001.dwg
DATE: 5/15/2023

STAGE 5

TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.

47 - 8 HOUR WORK DAYS HAVE BEEN ALLOTTED FOR THIS WORK.

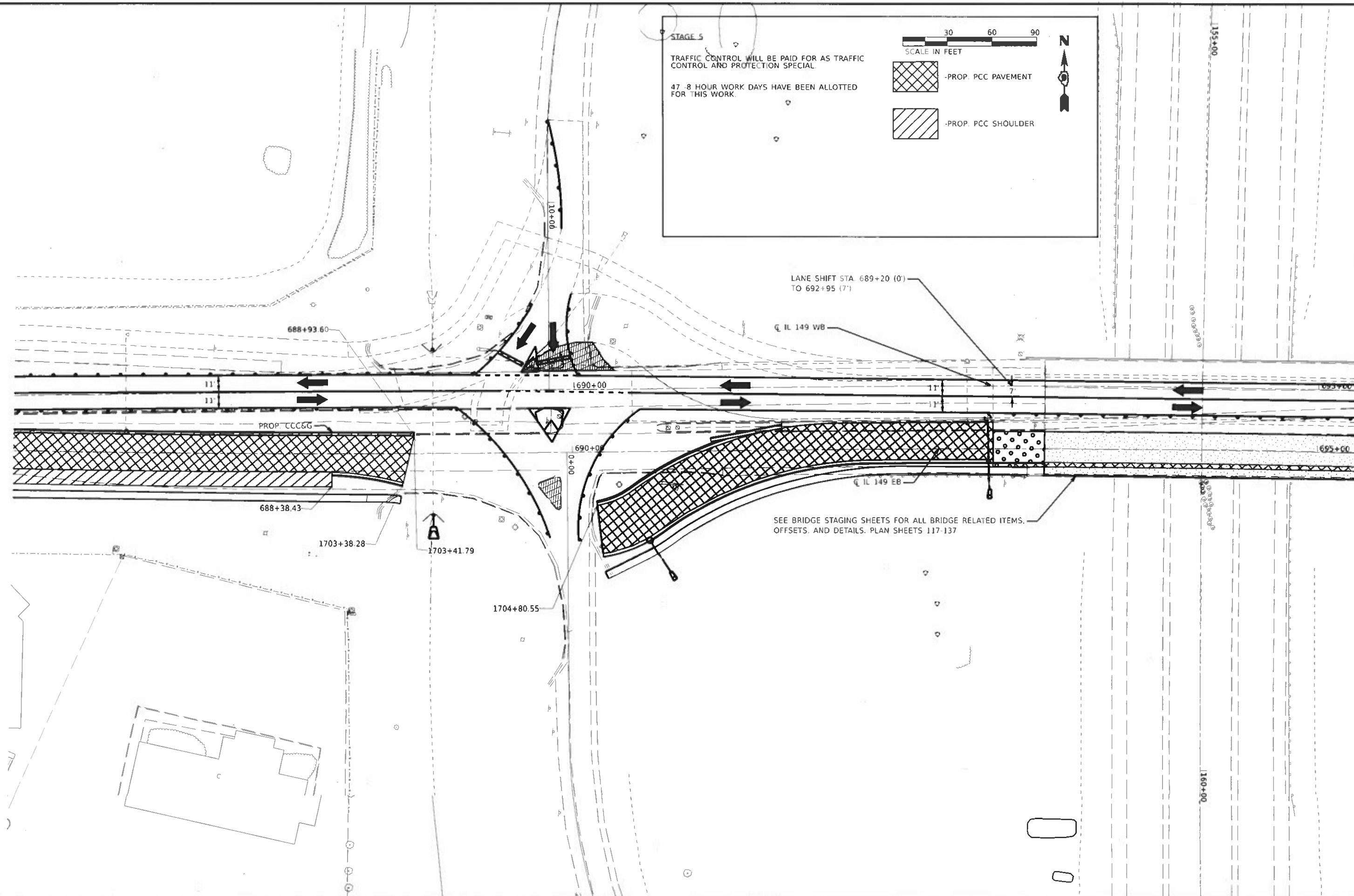
SCALE IN FEET

30 60 90

PROPOSED PCC PAVEMENT

PROPOSED PCC SHOULDER

N



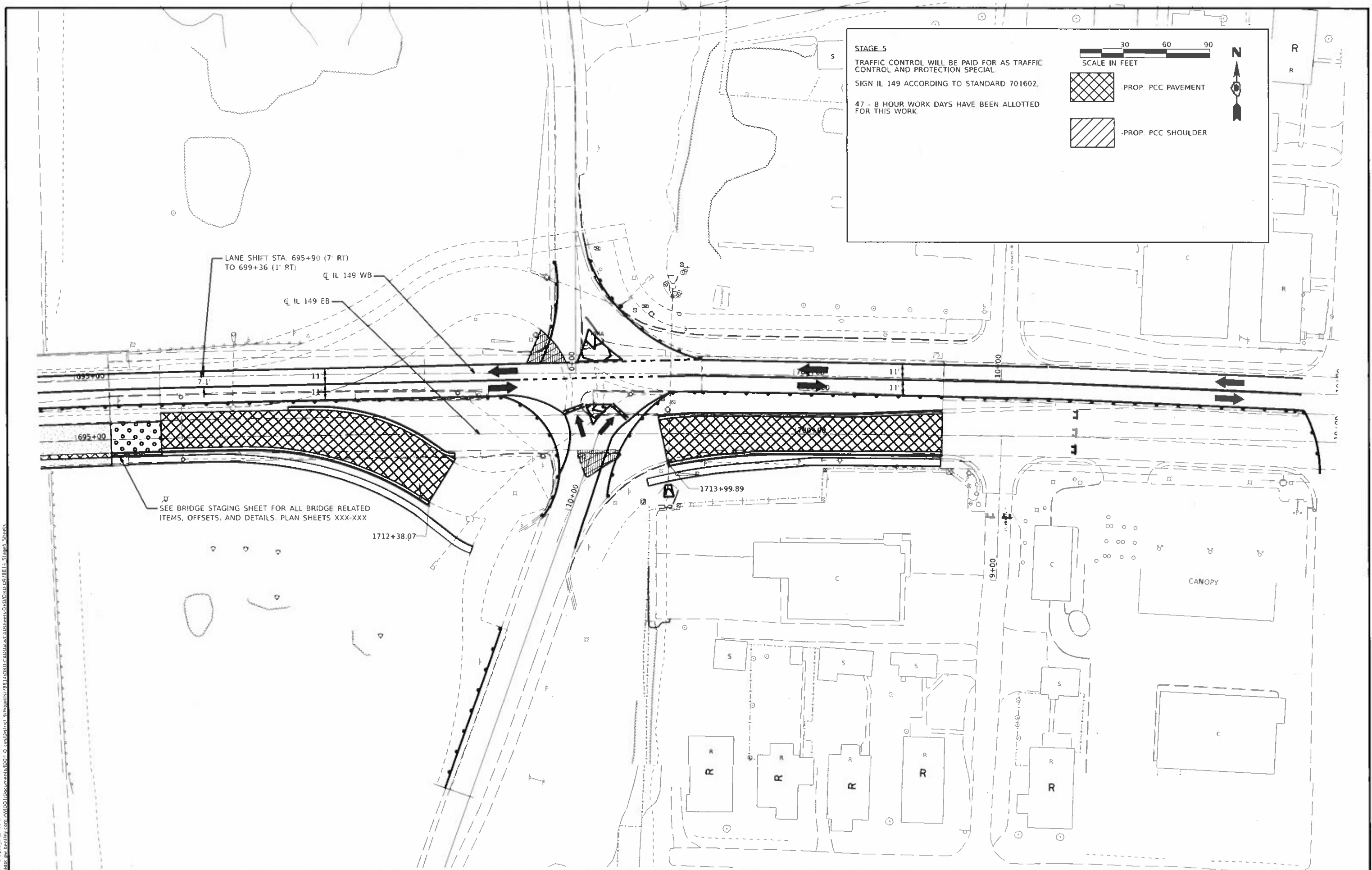
SEE BRIDGE STAGING SHEETS FOR ALL BRIDGE RELATED ITEMS, OFFSETS, AND DETAILS. PLAN SHEETS 117-137

WBLR NAME	= Sean Greerlee	DESIGNED	-	REVISED	-
PLOT SCALE	= 0.16666633 / 1	DRAWN	-	REVISED	-
PLOT DATE	= 5/15/2023	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

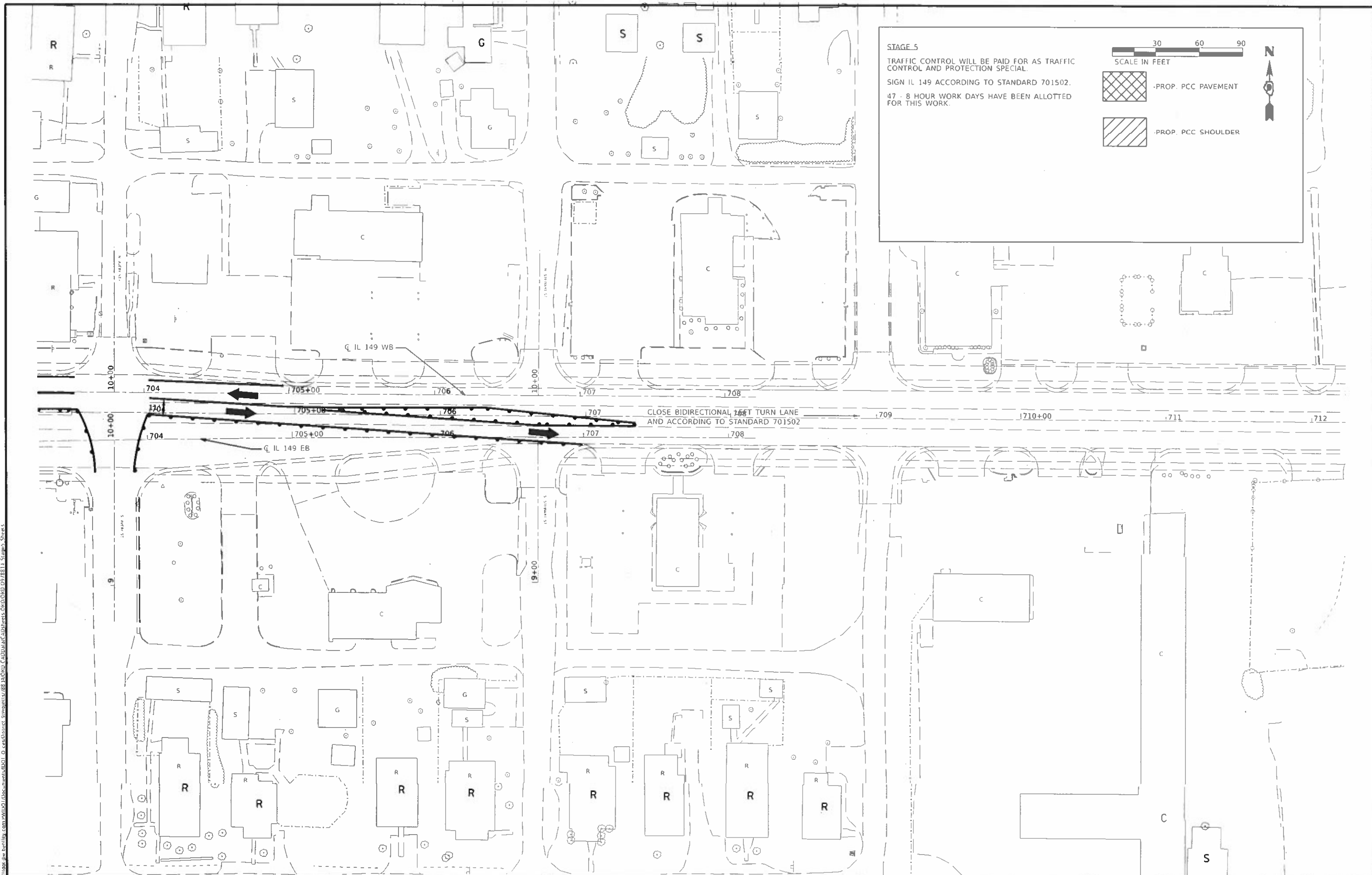
STAGE 5				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RLE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	62
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



UTURN NAME = Bear Gulch	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 5					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
	DRAWN -	REVISED -		873	128-51K-1	FRANKLIN	162	63					
PLOT SCALE = 0.16666633 / in	CHECKED -	REVISED -		CONTRACT NO. 78814									
PLOT DATE = 5/15/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS	FED AID PROJECT	

Model: IL 149A14 - Stage 5 (Sheet)
File Name: \\s01\proj\149\149A14\149A14.dwg
Model: IL 149A14 - Stage 5 (Sheet)
File Name: \\s01\proj\149\149A14\149A14.dwg



USER NAME = Sean Greenlee	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in	DRAWN -	REVISED -
PLOT DATE = 5/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 5

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	64
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

MODL. IL149JLY Stage 2 (Steel)

TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.

REFER TO STAGE 5 SHEETS FOR TRAFFIC
CONTROL LAYOUT

CLOSE THE I-57 SB ON RAMP ACCORDING TO
STANDARD 701451

5 - 24 HOUR WORK DAYS HAVE BEEN ALLOTTED FOR THIS WORK.



-PROP. PCC PAVEMENT



-PROP. PCC PAVEMENT
STAMPED COLORED



USER NAME	= Sean Greenlee
PLOT SCALE	= 0.16666633' / in
PLOT DATE	= 5/15/2023

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 7

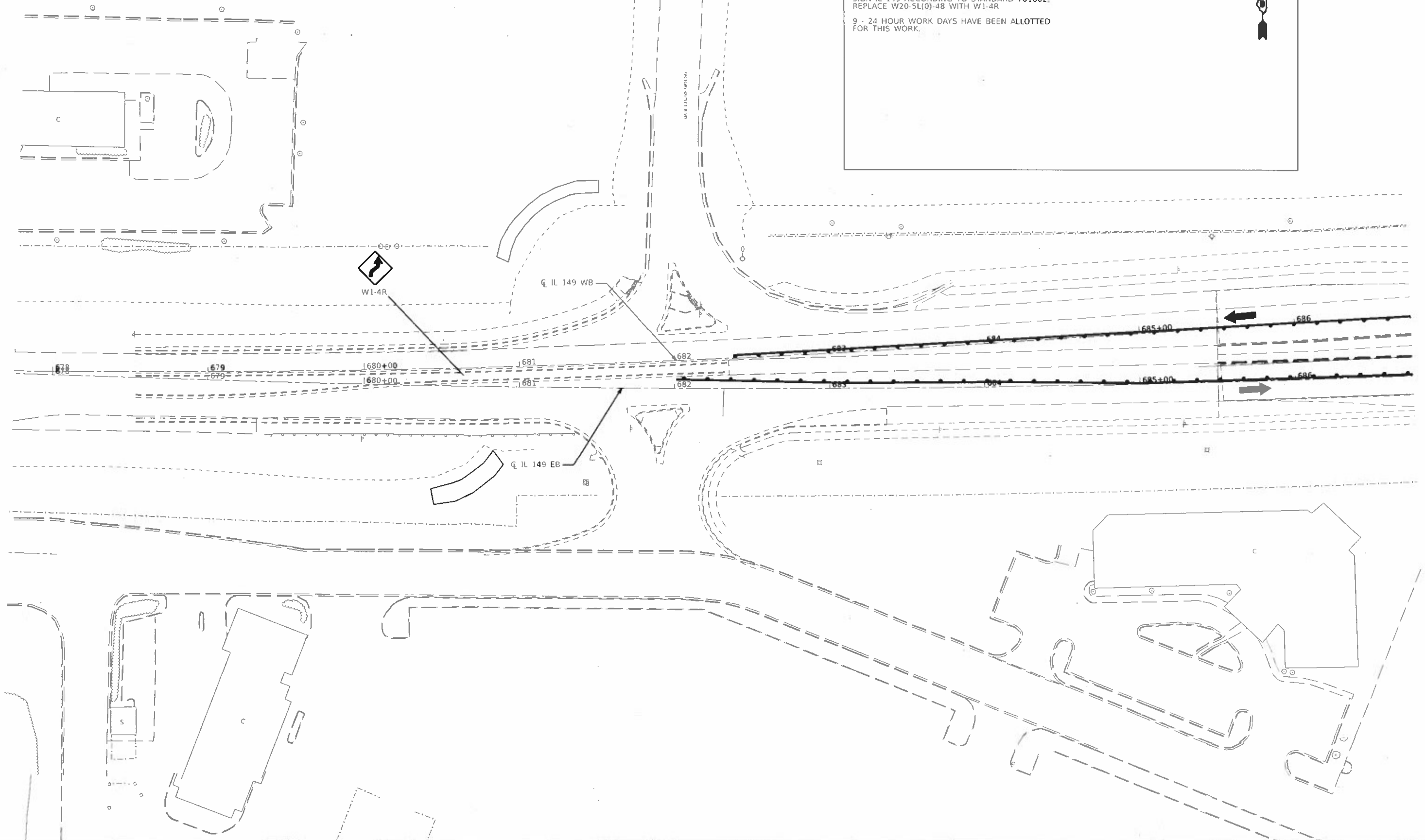
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
873	(28-5)K-1	FRANKLIN	162	66
		CONTRACT NO. 78814		
ILLINOIS		FED. AID PROJECT		

ILLINOIS FED. AID PROJEC

TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC
CONTROL AND PROTECTION SPECIAL.

9 - 24 HOUR WORK DAYS HAVE BEEN ALLOTTED FOR THIS WORK.



STAGE 8

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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TOTAL SHEETS	SHEET NO.
162	67

CONTRACT NO. 78814

ILLINOIS	FED AD PROJECT
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STAGE_8

TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.

SIGN IL 149 ACCORDING TO STANDARD 701602. REPLACE W20-5L(0)-48 WITH W1-4R

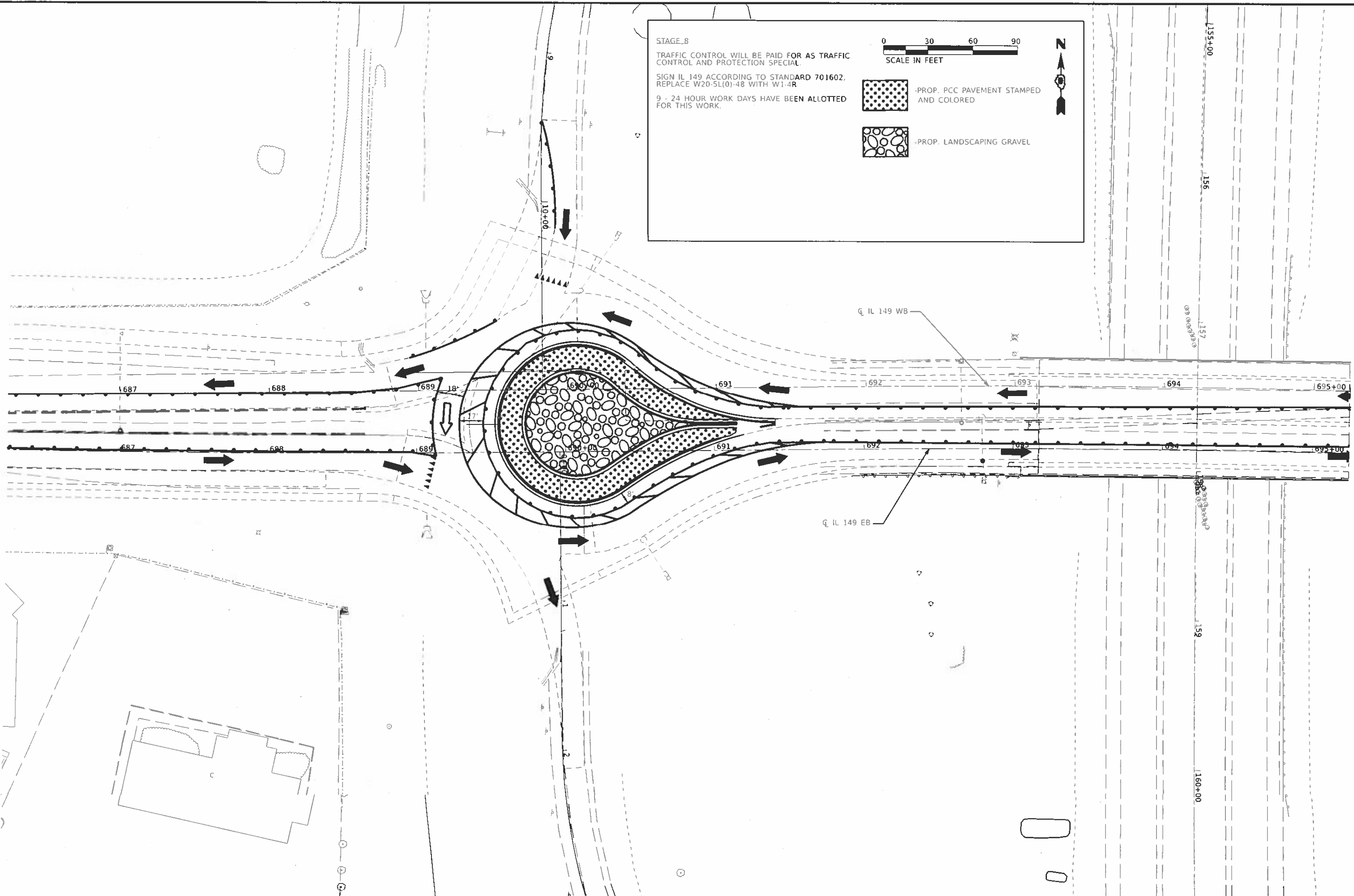
9 - 24 HOUR WORK DAYS HAVE BEEN ALLOTTED FOR THIS WORK.



PROP. PCC PAVEMENT STAMPED AND COLORED



PROP. LANDSCAPING GRAVEL



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

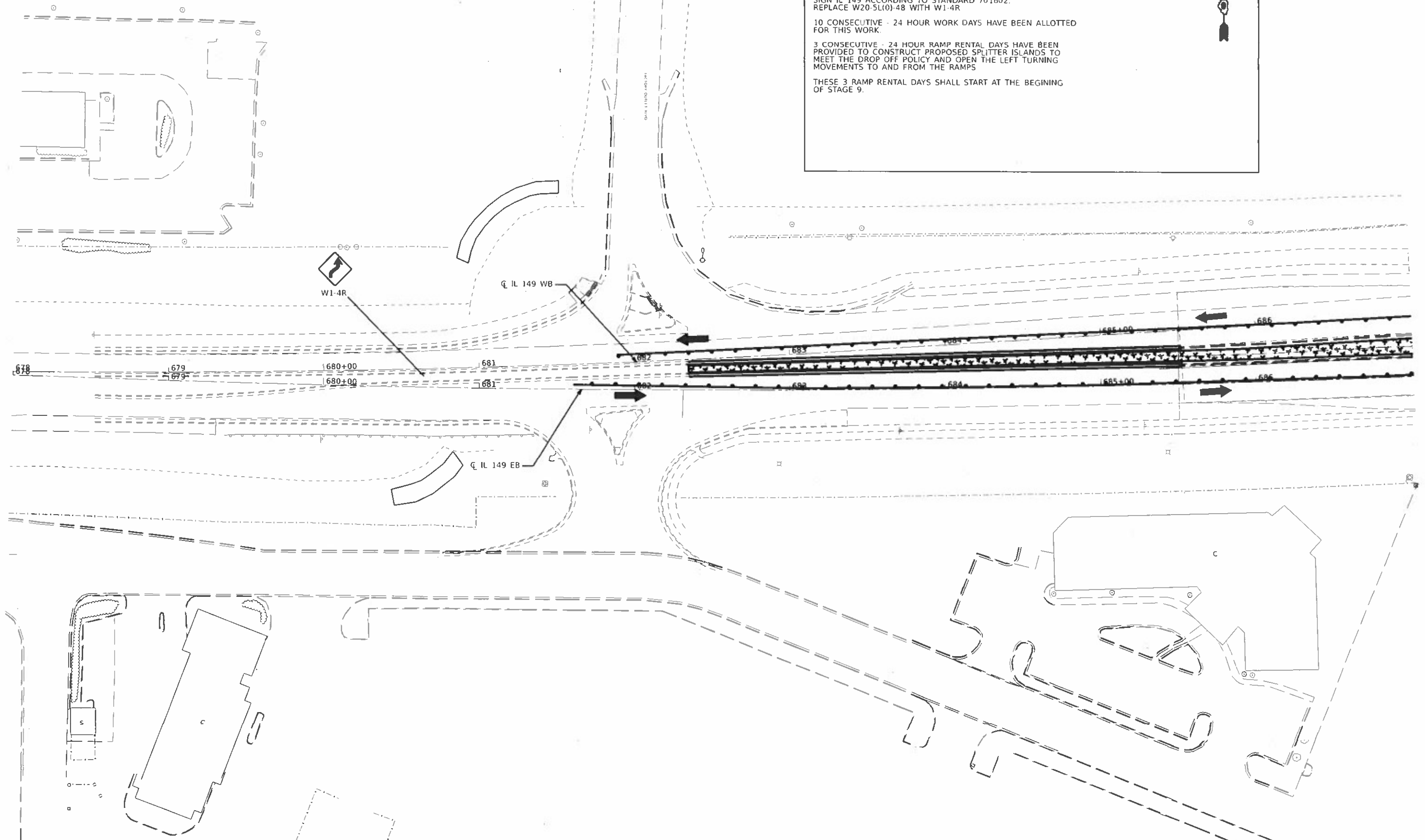
STAGE 8

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	68
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

USER NAME	Sean Greenlee	DESIGNED	REVISED
PLOT SCALE	1/8" = 1' (0.36666633' / in)	DRAWN	REVISED
PLOT DATE	5/15/2023	CHECKED	REVISED
		DATE	REVISED

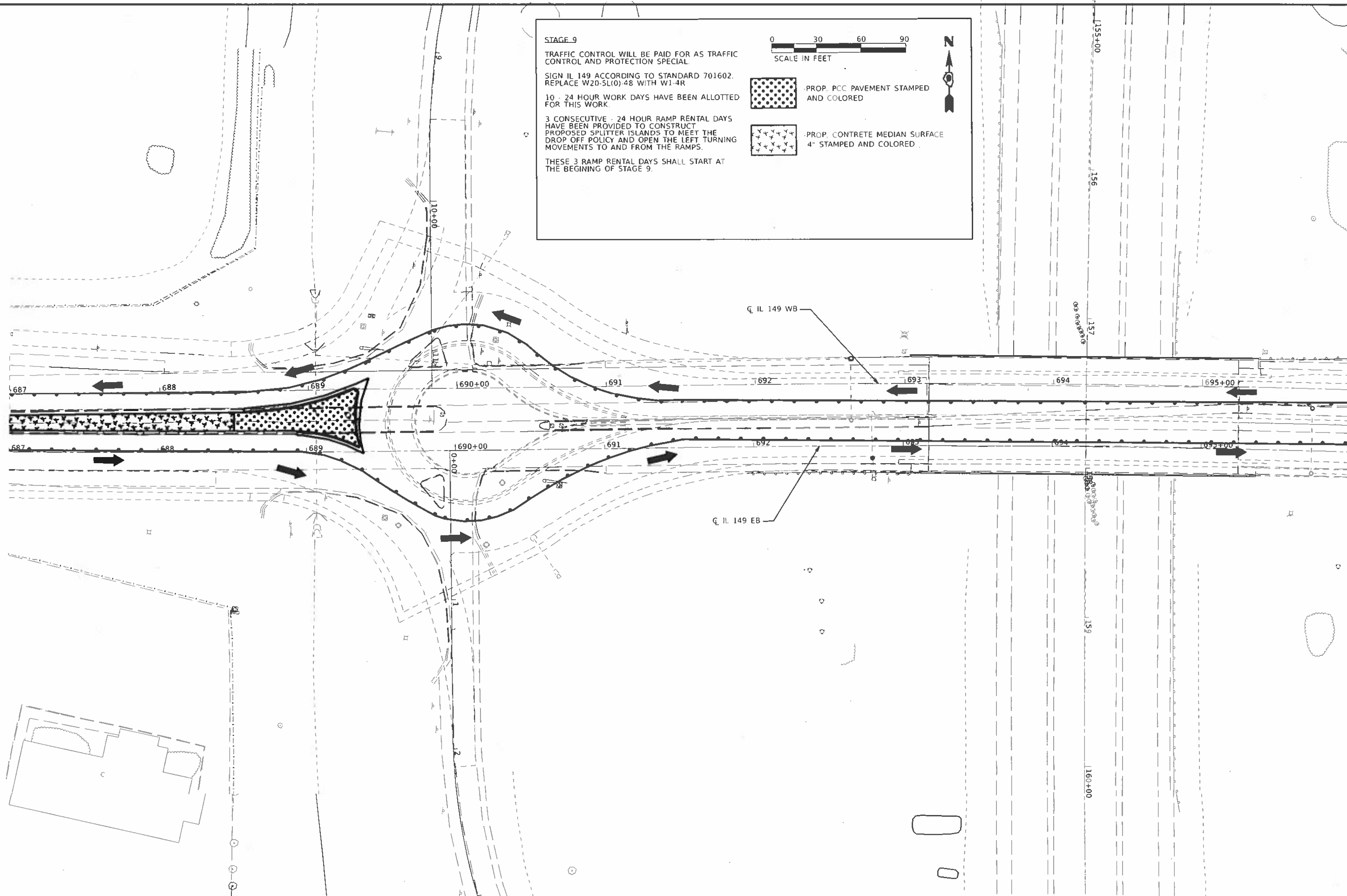
MODEL: ILL149IL16 - Stage 8 - 1 (Sheet)
FILE NAME: pw_ill149il16.dwg
PROJECT: 78814
DRAWN: Sean Greenlee
CHECKED: Sean Greenlee
DATE: 5/15/2023



THESE 3 RAMP RENTAL DAYS SHALL START AT THE BEGINING OF STAGE 9.



 -PROP. CONCRETE MEDIAN SURFACE
4" STAMPED AND COLORED.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	71
		CONTRACT NO. 78814		
ILLINOIS		FED. AID PROJECT		

STAGE 9

TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.

SIGN IL 149 ACCORDING TO STANDARD 701501

10 - 24 HOUR WORK DAYS HAVE BEEN ALLOTTED FOR THIS WORK.

3 CONSECUTIVE - 24 HOUR RAMP RENTAL DAYS HAVE BEEN PROVIDED TO CONSTRUCT PROPOSED SPLITTER ISLANDS TO MEET THE DROP OFF POLICY AND OPEN THE LEFT TURNING MOVEMENTS TO AND FROM THE RAMP.

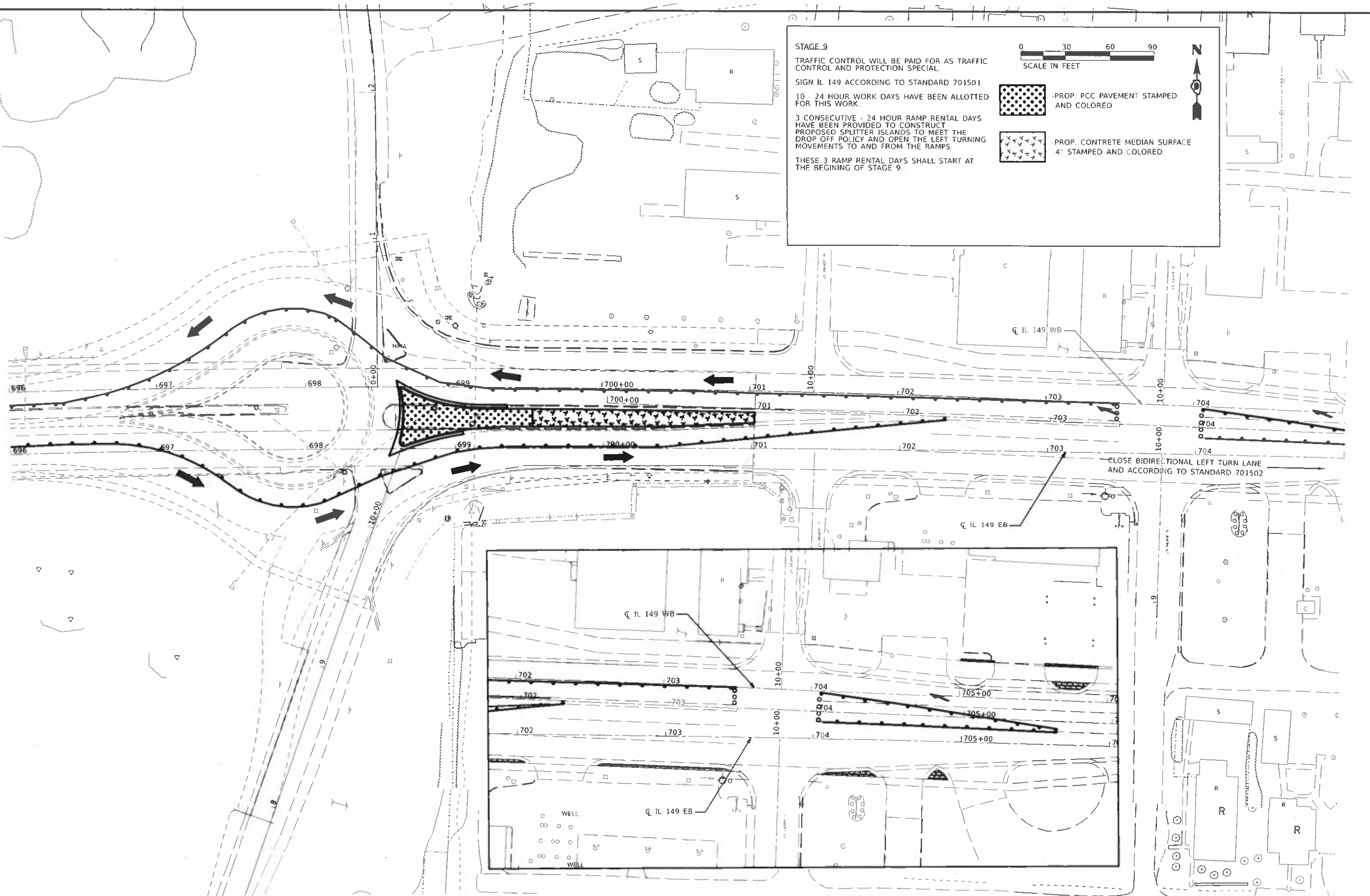
THESE 3 RAMP RENTAL DAYS SHALL START AT THE BEGINNING OF STAGE 9.



PROP. PCC PAVEMENT STAMPED AND COLORED



PROP. CONCRETE MEDIAN SURFACE 4" STAMPED AND COLORED



MODEL: IL 149-11 - Stage 9 (Sheet)
FILE NAME: Proj 701501 - 149-11 - Stage 9 (Sheet)
PROJECT: 701501 - 149-11 - Stage 9 (Sheet)
SHEET: 701501 - 149-11 - Stage 9 (Sheet)

USER NAME: Sean Greenlee
DESIGNED: -
DRAWN: -
CHECKED: -
DATE: -
PLOT SCALE: 1/8" = 1'-0"
PLOT DATE: 5/15/2023

DESIGNED: -
DRAWN: -
CHECKED: -
DATE: -

REVISED: -
REVISED: -
REVISED: -
REVISED: -

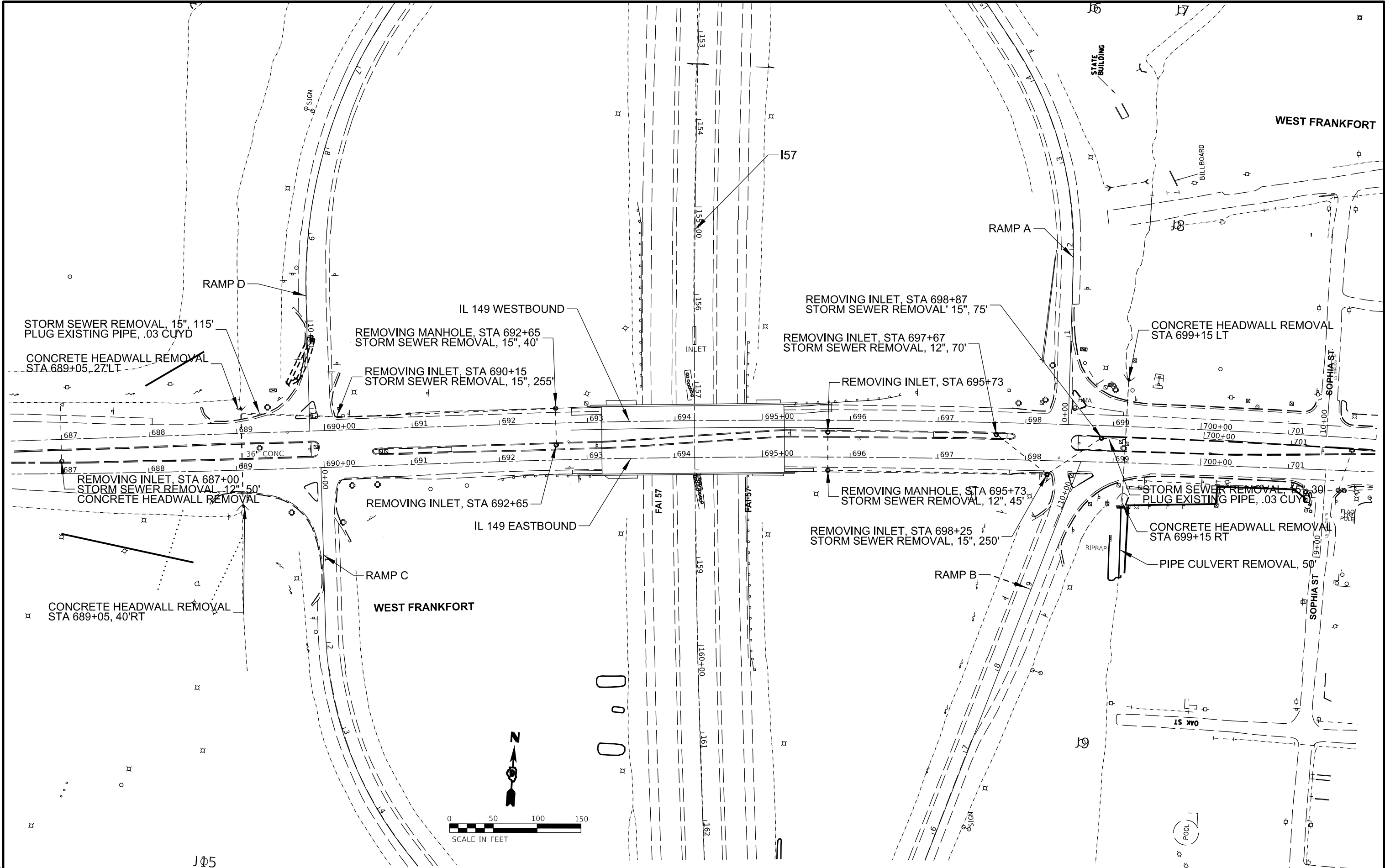
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 9

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	72
CONTRACT NO. 78814				

ILLINOIS FED AID PROJECT



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

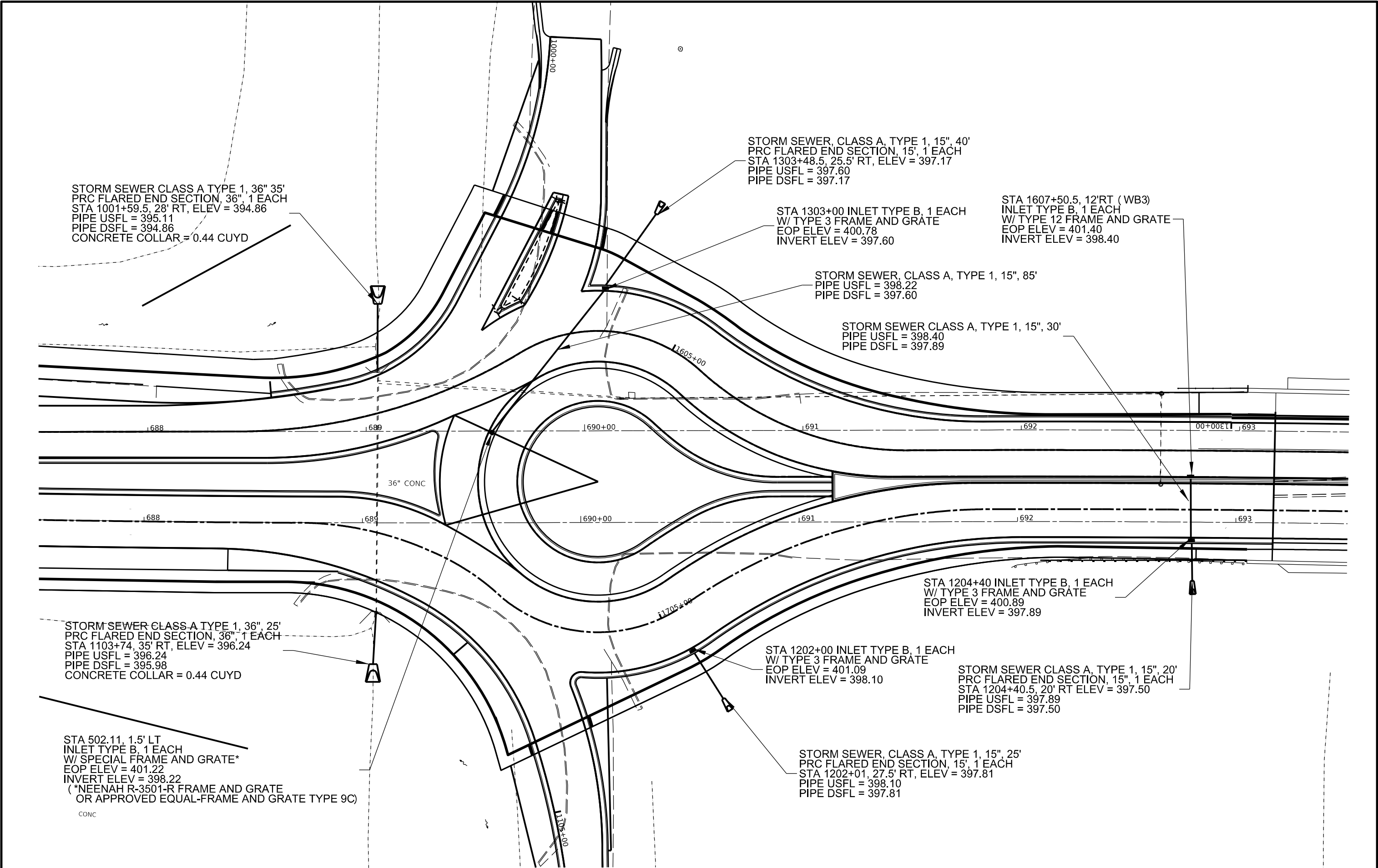
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DRAWN	-	REVIS	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= \$DATE\$	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE REMOVAL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	28-5(K-1)	FRANKLIN	162	74
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



MODEL & MODEL NAMES
FILE NAME: STS125

USER NAME	= \$USERS\$	DESIGNED -	REVISED -
DRAWN	-	REVIS	-
PLOT SCALE	= \$SCALE\$	CHECKED -	REVISED -
PLOT DATE	= \$DATES\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM SEWER			
SCALE:	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(28-5) K-1	FRANKLIN	162	75
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

STORM SEWER, CLASS A, TYPE 1, 15", 55'
PRC FLARED END SECTION, 15" 1 EACH
STA 2003+62, 28.5' RT, ELEV = 395.35
PIPE USFL = 395.66
PIPE DSFL = 395.35

STA 161+82, 11.17' RT (WB3)
INLET TYPE B, 1 EACH
W/ TYPE 12 FRAME AND GRATE
EOP ELEV = 398.65
INVERT ELEV = 395.66

STA 2001+44, INLET TYPE B, 1 EACH
W/ TYPE 3 FRAME AND GRATE
EOP ELEV = 396.73
INVERT ELEV = 393.73

STORM SEWER, CLASS A, TYPE 1, 15", 70'
PIPE USFL = 393.73
PIPE DSFL = 392.73

STA 2302+86.5, INLET TYPE B, 1 EACH
W/ TYPE 3 FRAME AND GRATE
EOP ELEV = 395.73
INVERT ELEV = 392.73

STORM SEWER CLASS A, TYPE 1, 15", 25'
PRC FLARED END SECTION, 15" 1 EACH
STA 2302+87, 25.5' RT, ELEV = 392.28
PIPE USFL = 392.73
PIPE DSFL = 392.28

STORM SEWER CLASS A, TYPE 1, 36", 10'
PRC FLARED END SECTION, 36", 1 EACH
STA 2302+64, 35' RT, ELEV = 387.14
PIPE USFL = 387.20
PIPE DSFL = 387.14
CONCRETE COLLAR = 0.44 CU YD

STA 511+86.5, 1.5' LT
INLET TYPE B, 1 EACH
W/ SPECIAL FRAME AND GRATE*
EOP ELEV = 395.71
INVERT ELEV = 392.71
(*NEENAH R-3501-R FRAME AND GRATE
OR APPROVED EQUAL-FRAME AND GRATE TYPE 9C)

STORM SEWER, CLASS A, TYPE 1, 15", 90'
PIPE USFL = 392.71
PIPE DSFL = 392.03

STORM SEWER, CLASS A, TYPE 1, 15", 30'
PRC FLARED END SECTION, 15" 1 EACH
STA 2102+93, 18' LT, ELEV = 391.10
PIPE USFL = 392.03
PIPE DSFL = 391.10

STA 2103+34.5, INLET TYPE B, 1 EACH
W/ TYPE 3 FRAME AND GRATE
EOP ELEV = 395.95
INVERT ELEV = 392.03

STORM SEWER CLASS A, TYPE 1, 36", 10'
PRC FLARED END SECTION, 36", 1 EACH
STA 2204+17, 25' RT, ELEV = 387.88
PIPE USFL = 387.88
PIPE DSFL = 387.66
CONCRETE COLLAR = .44 CU YD

PROPOSED RIP-RAP LINER DITCH

PROPOSED DITCH
STA 2203+08, 95' RT
ELEV = 389.72

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

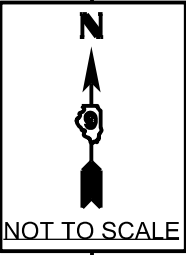
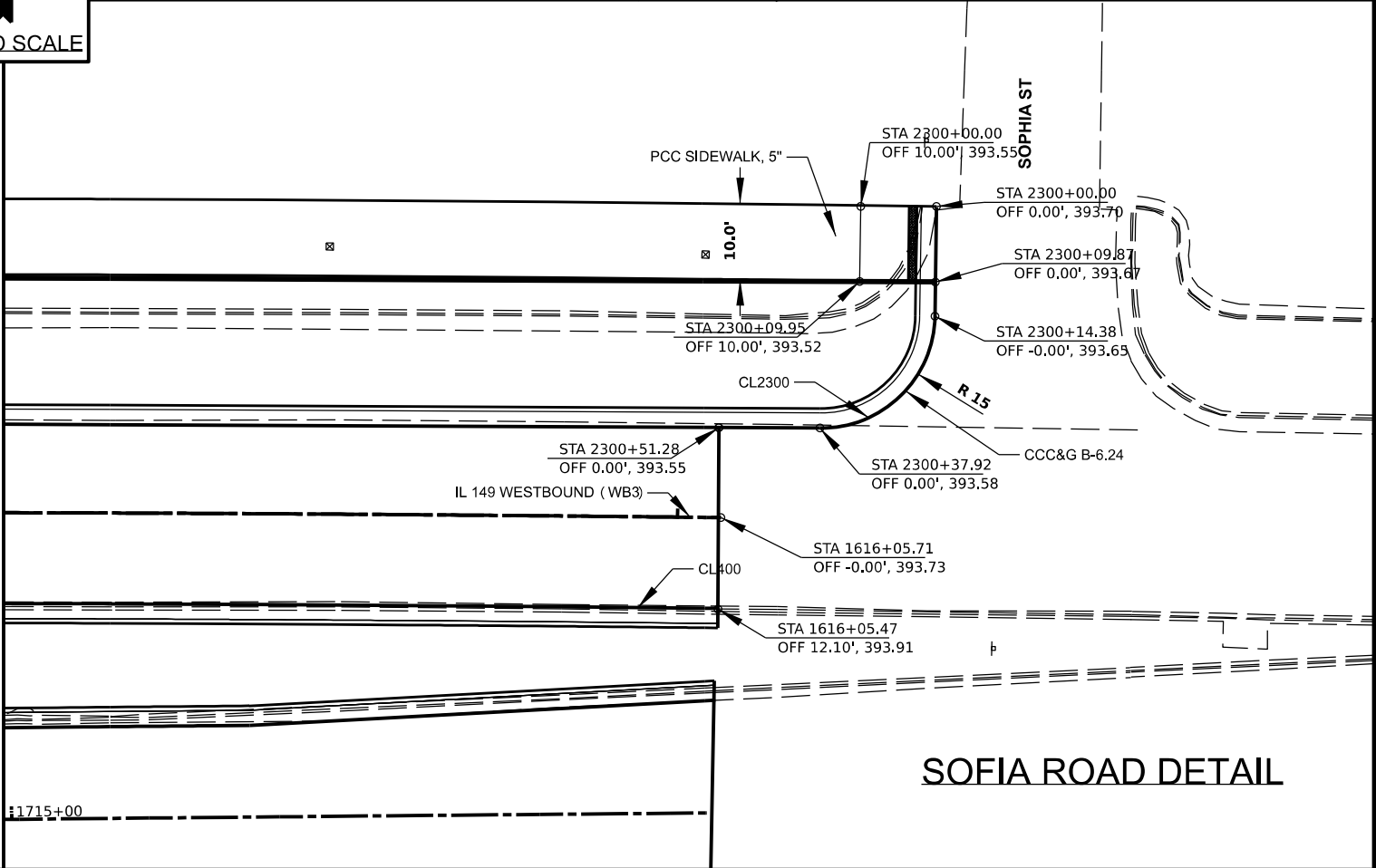
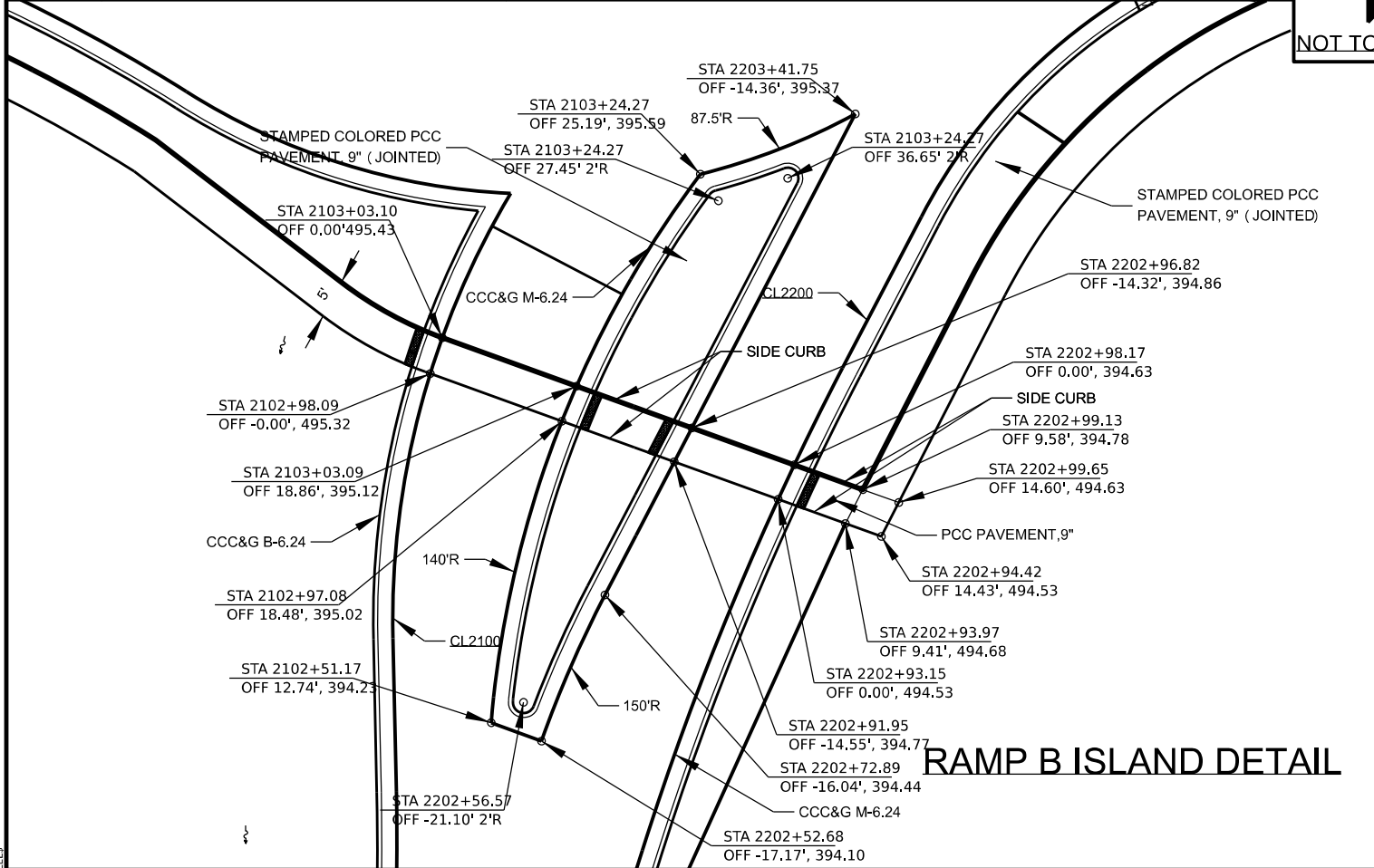
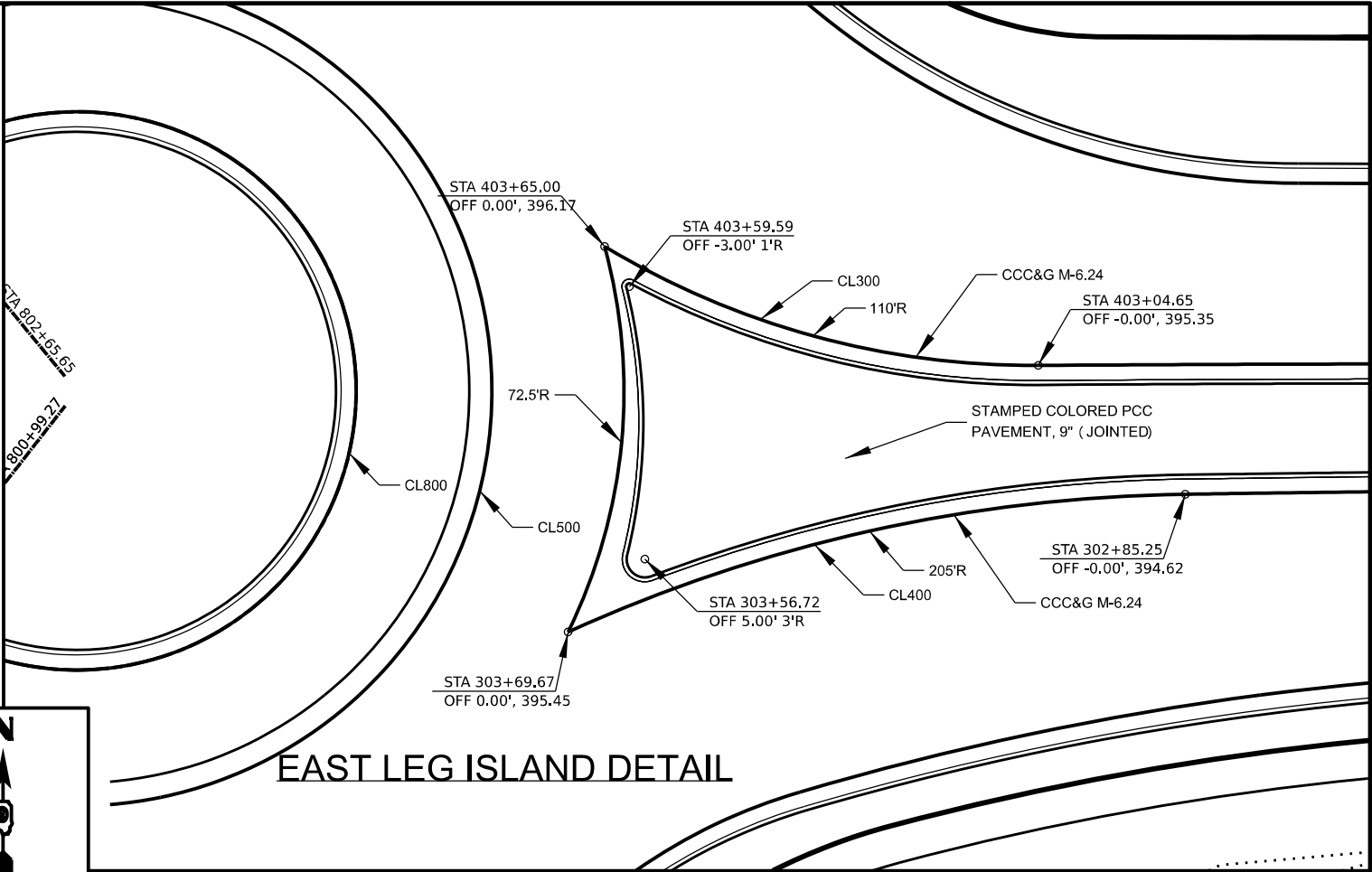
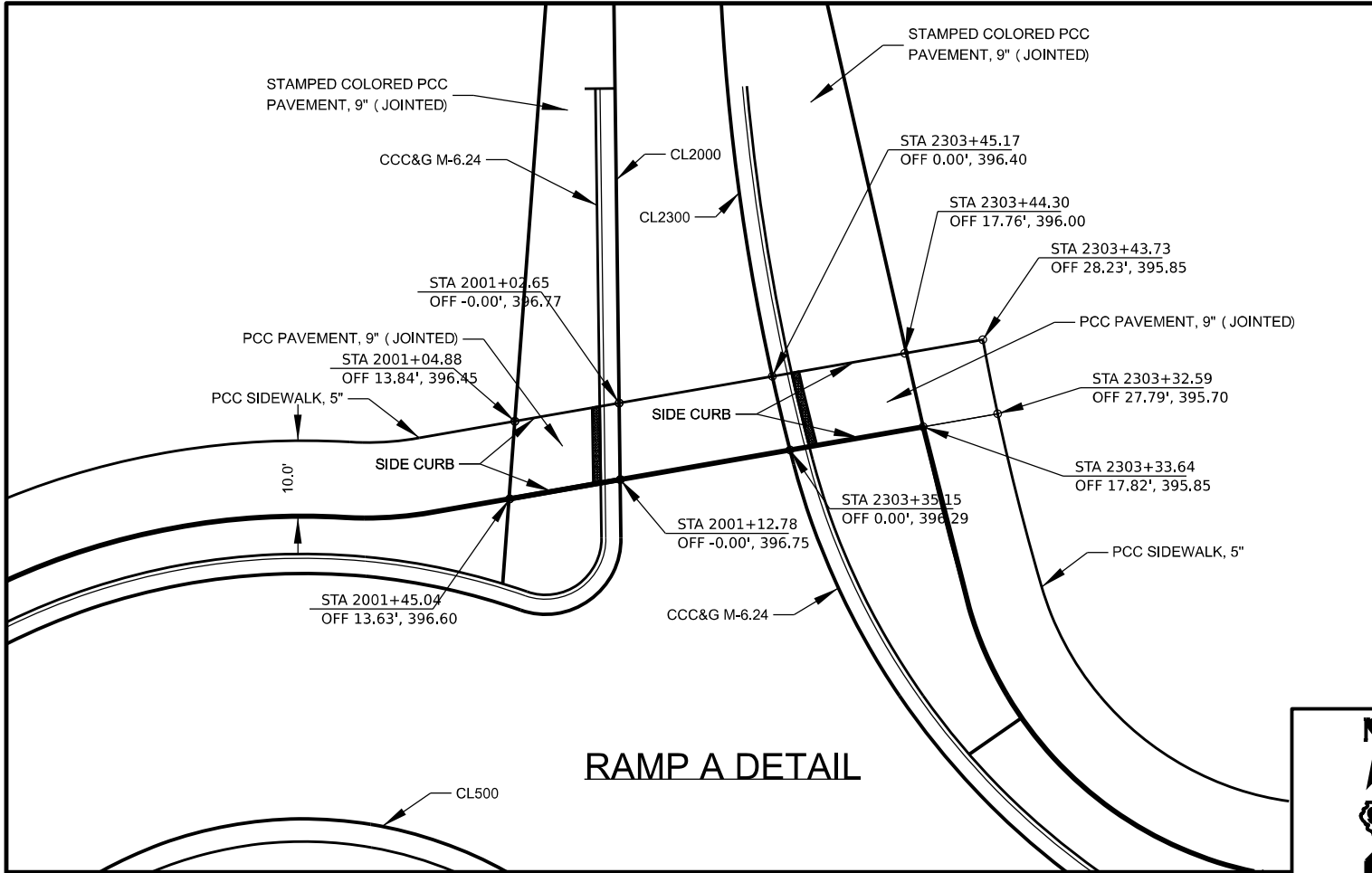
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DRAWN	-	CHECKED	-	REVISED	-
PLOT SCALE	= \$SCALE\$	DATE	-	REVISED	-
PLOT DATE	= \$DATES\$				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM SEWER

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	76
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



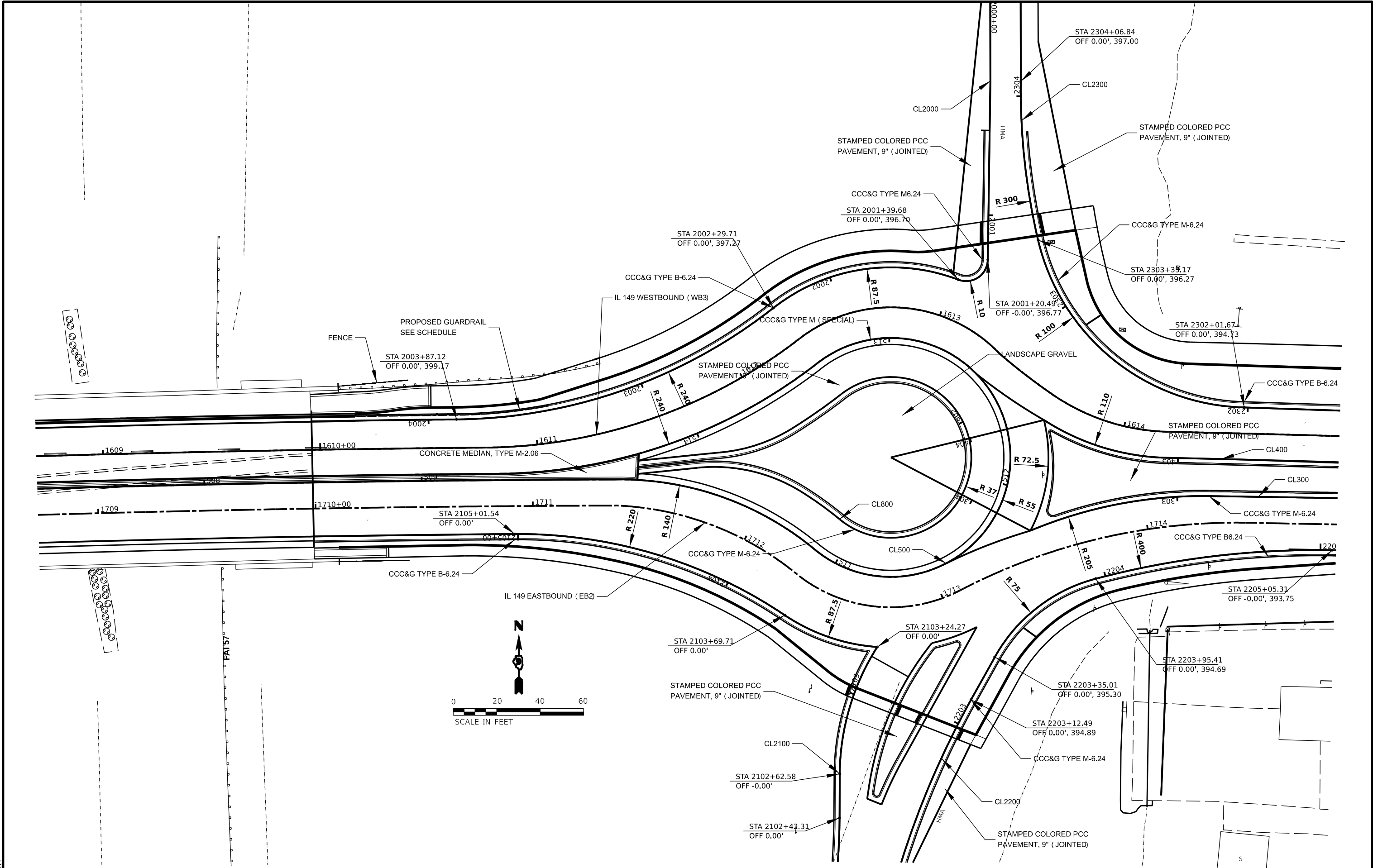
MODEL & MODEL NAMES
FILE NAME: ST-115

USER NAME	= \$USER\$	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
PLOT SCALE	= \$SCALE\$	DATE	-	REVISED	-
PLOT DATE	= \$DATE\$				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	78
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



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

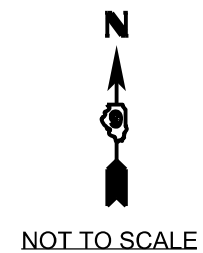
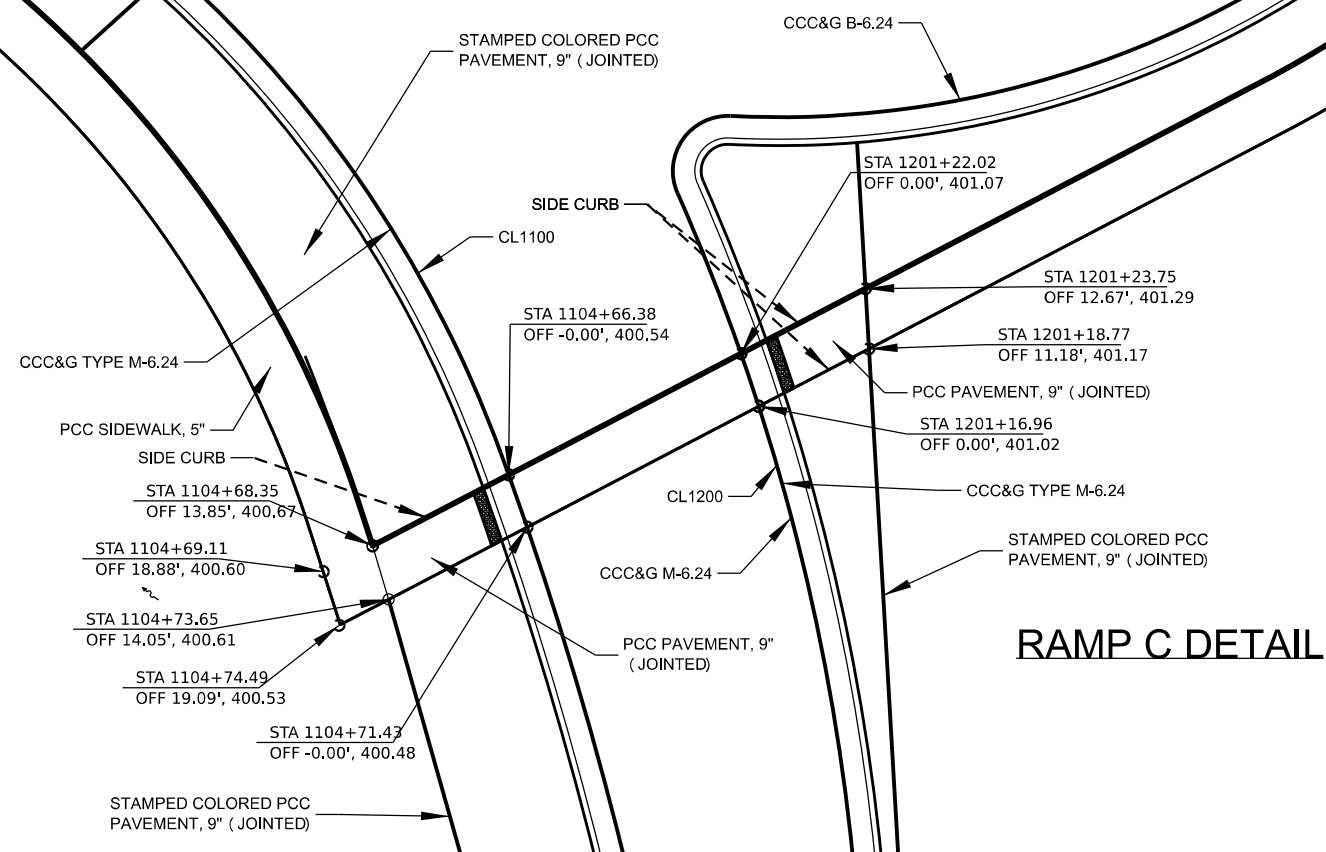
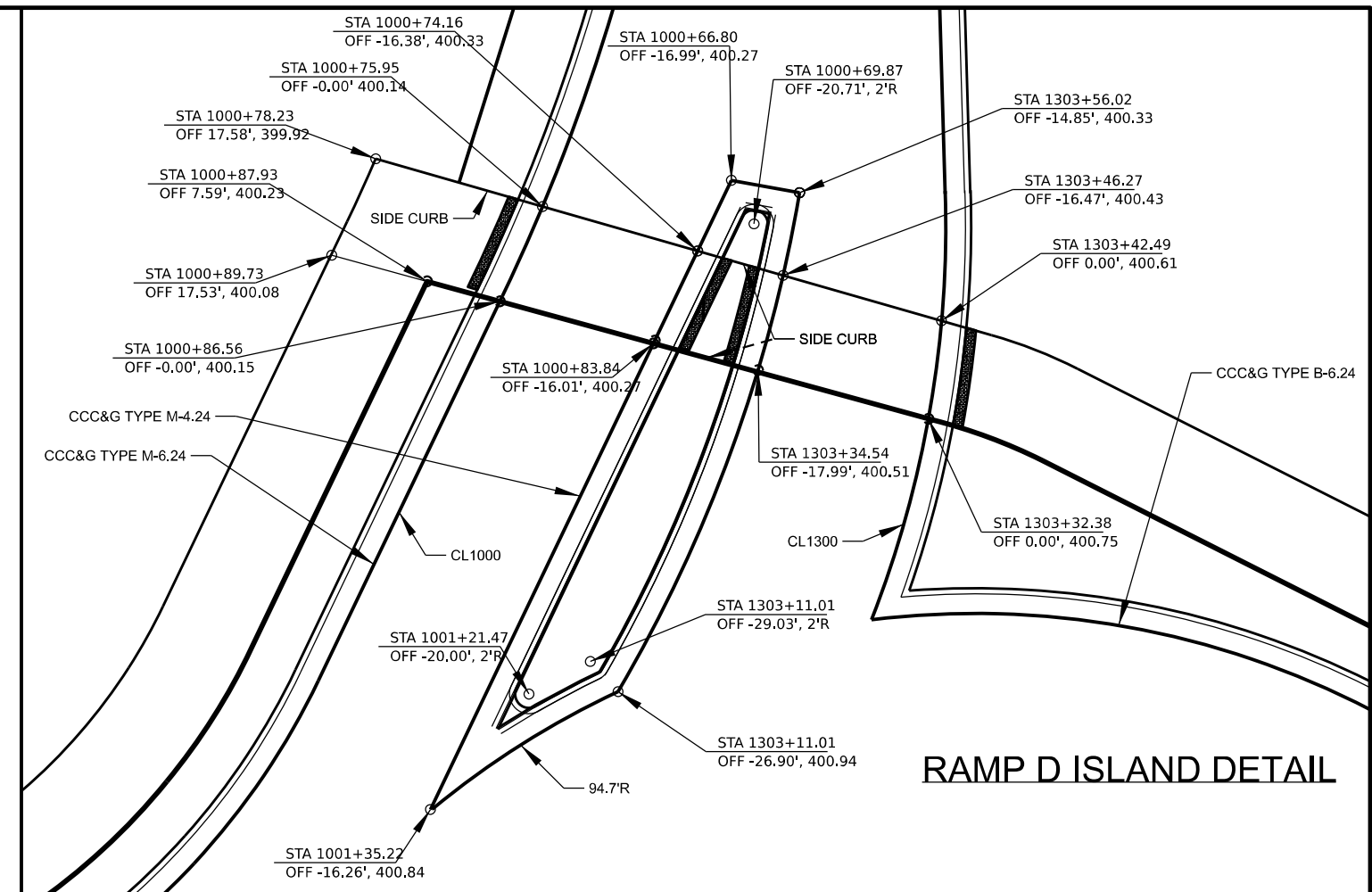
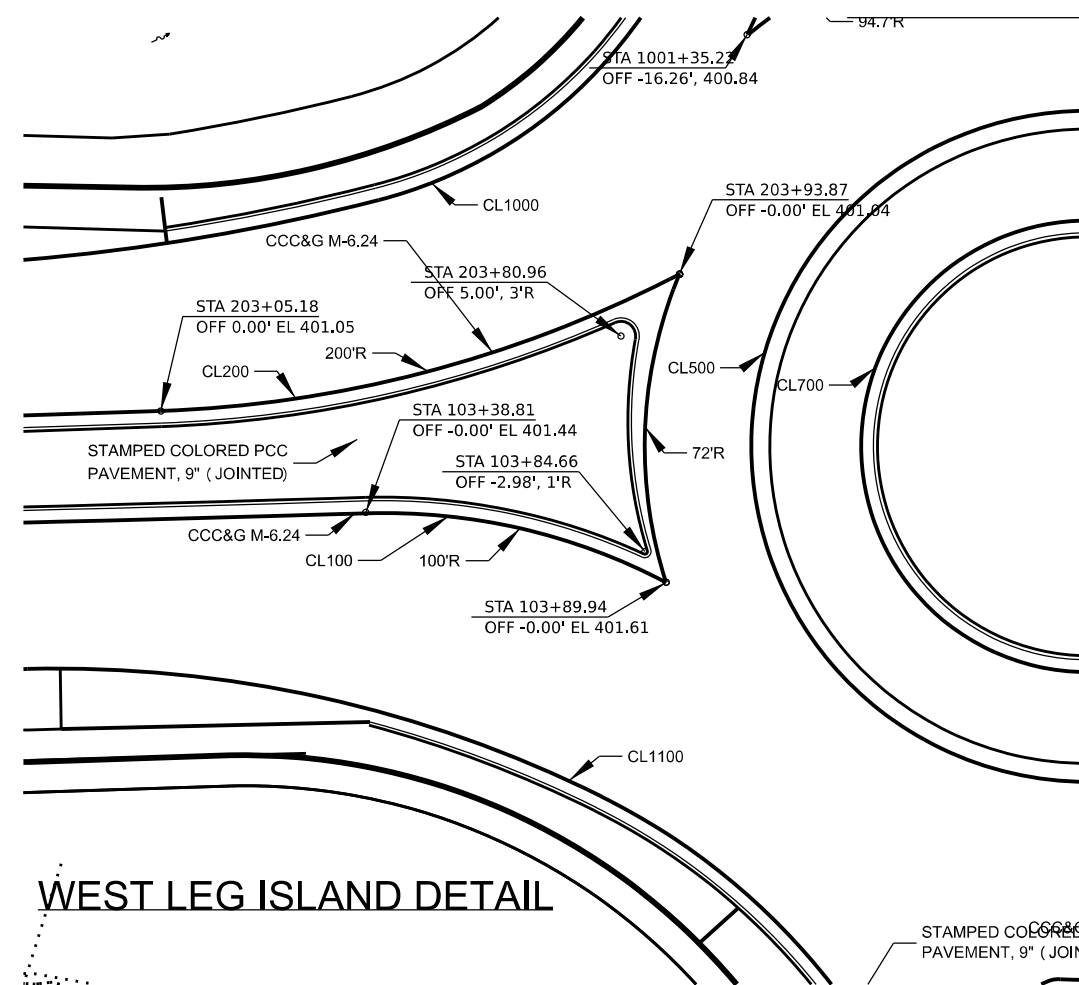
USER NAME	= \$USER\$	DESIGNED	-	REVISED	-
PLOT SCALE	= \$SCALE\$	DRAWN	-	REVISED	-
PLOT DATE	= \$DATE\$	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRICS SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

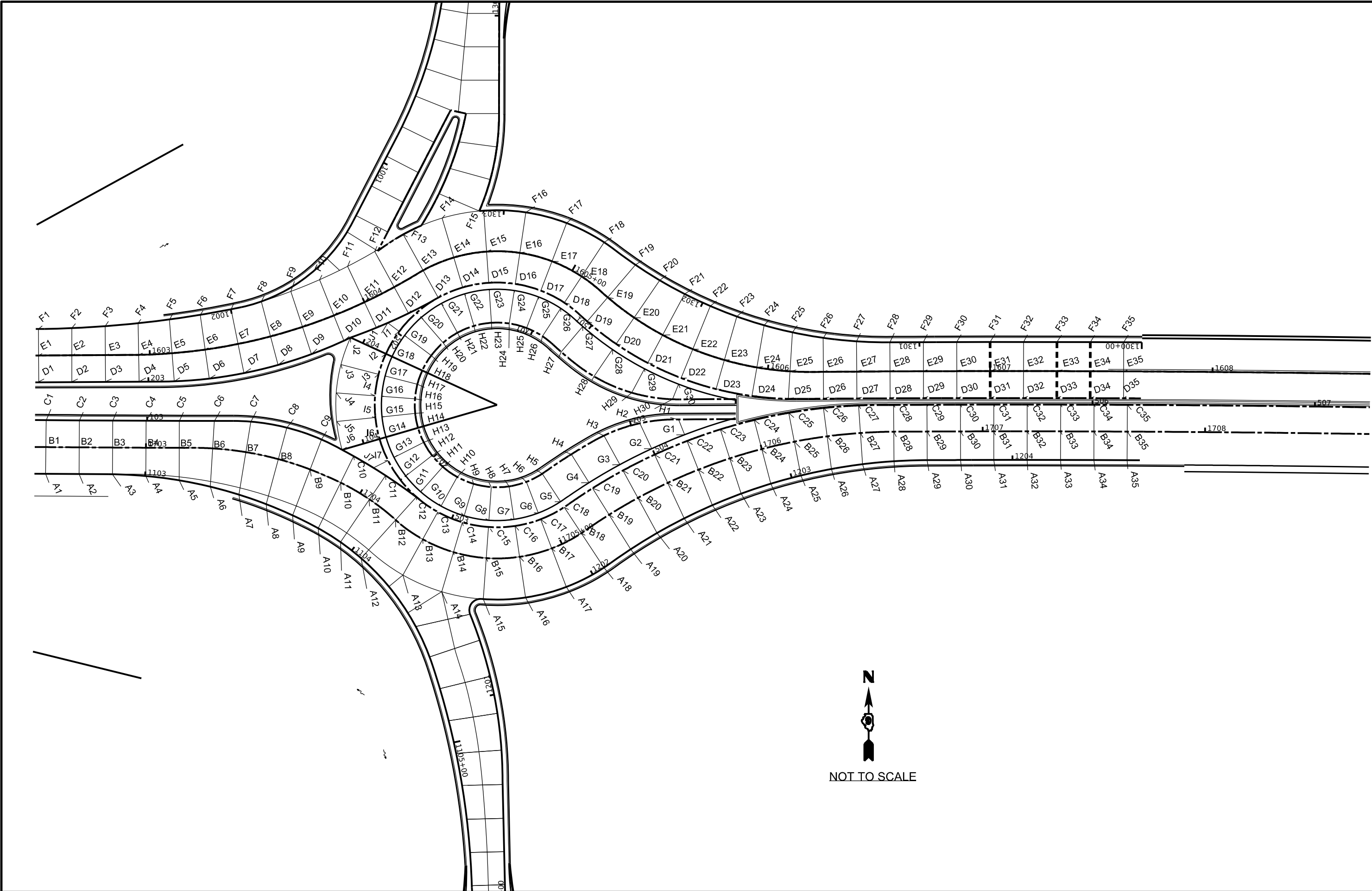
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	79
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	80
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



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

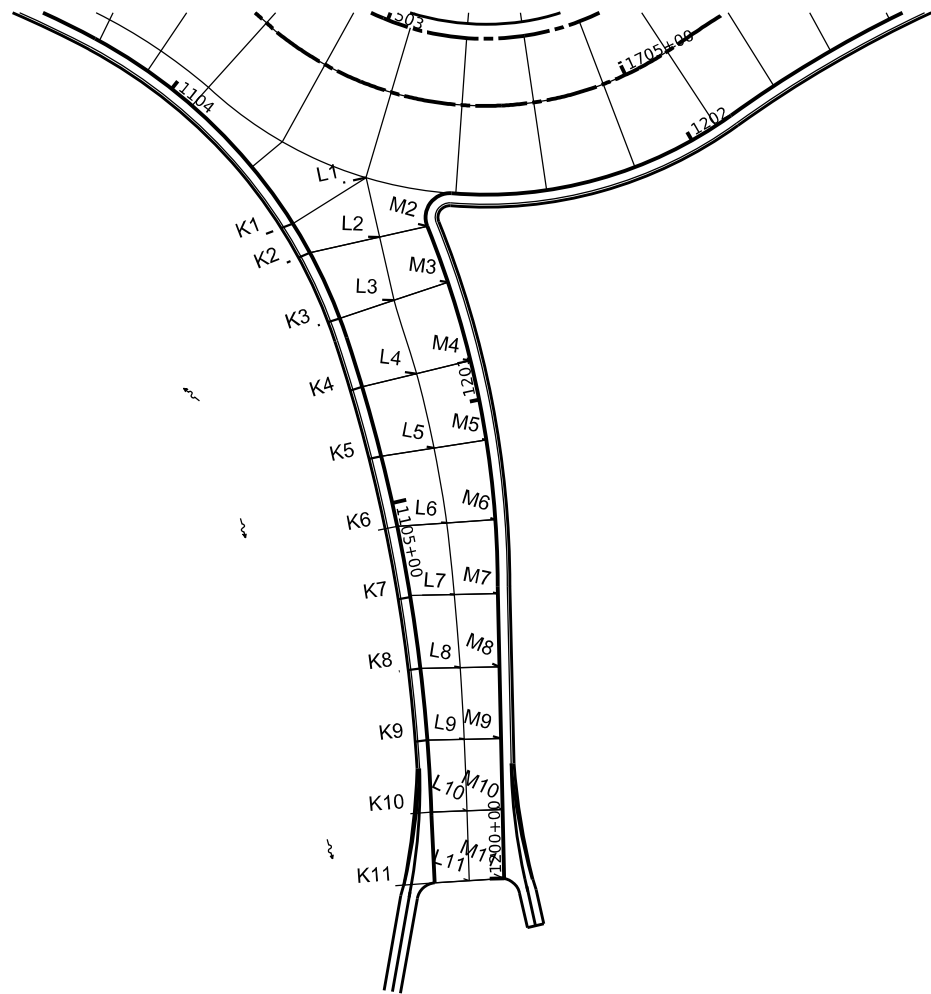
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		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= \$DATE\$	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

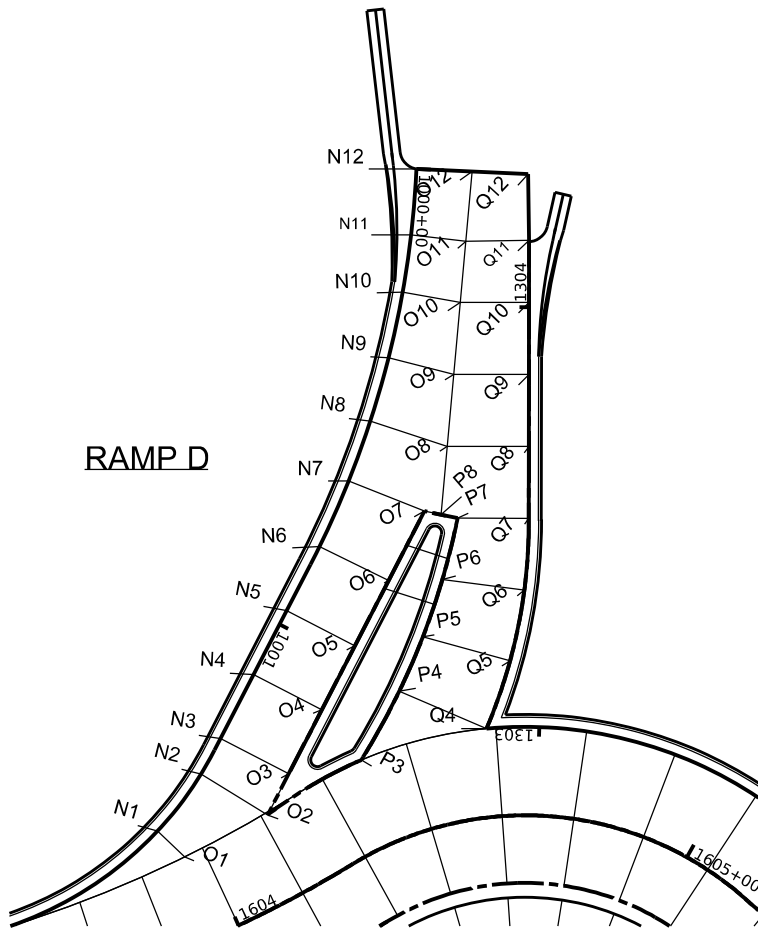
JOINTING DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	81
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



RAMP C



RAMP D



NOT TO SCALE

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

USER NAME	= \$USERS\$	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= \$DATES\$	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING DETAIL

SCALE: SHEET 0 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	82
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

	POINT NO.	STA.	OFFSET	ELEV.		POINT NO.	EB2 STA.	OFFSET	ELEV.		POINT NO.	STA.	OFFSET	ELEV.		POINT NO.	STA.	OFFSET	ELEV.
	A1	1102+55.28 (CL1100)	0	401.09		B1	1702+55	0	401.27		C1	102+54.56 (CL100)	0	401.46		D1	202+50.69 (CL200)	0	401.13
	A2	1102+70.30 (CL1100)	0	401.08		B2	1702+70	0	401.26		C2	102+59.55 (CL100)	0	401.46		D2	202+65.69 (CL200)	0	401.11
	A3	1102+85.32 (CL1100)	0	401.08		B3	1702+85	0	401.26		C3	102+84.53 (CL100)	0	401.45		D3	202+80.69 (CL200)	0	401.09
	A4	1103+00.36 (CL1100)	0	401.06		B4	1703+00	0	401.26		C4	103+00.00 (CL100)	0	401.45		D4	202+95.86 (CL200)	0	401.07
	A5	1103+15.51 (CL1100)	0	401.03		B5	1703+15	0	401.25		C5	103+14.50 (CL100)	0	401.45		D5	203+11.61 (CL200)	0	401.05
	A6	1103+29.77 (CL1100)	0	400.99		B6	1703+30	0	401.25		C6	103+30.21 (CL100)	0	401.45		D6	203+27.39 (CL200)	0	401.05
	A7	1103+43.10 (CL1100)	0	400.98		B7	1703+45	0	401.27		C7	103+46.60 (CL100)	0	401.47		D7	203+43.20 (CL200)	0	401.05
	A8	1103+56.16 (CL1100)	0	401.02		B8	1703+60	0	401.32		C8	103+53.07 (CL100)	0	401.52		D8	203+59.00 (CL200)	0	401.05
	A9	1103+69.03 (CL1100)	0	401.05		B9	1703+75	0	401.38		C9	103+79.56 (CL100)	0	401.58		D9	203+74.79 (CL200)	0	401.05
	A10	1103+81.39 (CL1100)	0	401.08		B10	1703+90	0	401.43		C10	1703+90(EB2)	13.3'L	401.64		D10	203+90.56 (CL200)	0	401.05
	A11	1103+93.70 (CL1100)	0	401.11		B11	1704+05	0	401.50		C11	17704+05(EB2)	13.0'L	401.72		D11	1604+00(WB3)	12.6'R	401.13
	A12	1104+05.48 (CL1100)	0	401.15		B12	1704+20	0	401.56		C12	502+81.22 (CL500)	0	401.78		D12	1604+15(WB3)	13.5'R	401.23
	A13	1104+23.5(CL1100)	8.2'L	401.25		B13	1704+35	0	401.55		C13	502+93.03 (CL500)	0	401.78		D13	501+75.69 (CL500)	0	401.32
	A14	1104+38(CL1100)	18'L	401.25		B14	1704+50	0	401.53		C14	503+04.99 (CL500)	0	401.78		D14	501+63.73 (CL500)	0	401.36
	A15	1201+48.83 (CL1201)	0	401.25		B15	1704+65	0	401.50		C15	503+16.94 (CL500)	0	401.78		D15	501+51.78 (CL500)	0	401.39
	A16	1201+67.85 (CL1201)	0	401.19		B16	1704+80	0	401.51		C16	503+28.90 (CL500)	0	401.77		D16	501+39.84 (CL500)	0	401.42
	A17	1201+86.87 (CL1201)	0	401.13		B17	1704+95	0	401.52		C17	503+40.86 (CL500)	0	401.77		D17	501+27.91 (CL500)	0	401.46
	A18	1202+05.90 (CL1201)	0	401.11		B18	1705+10	0	401.52		C18	503+52.81 (CL500)	0	401.77		D18	501+15.98 (CL500)	0	401.49
	A19	1202+20.49 (CL1201)	0	401.16		B19	1705+25	0	401.53		C19	503+58.12 (CL500)	0	401.77		D19	501+02.74 (CL500)	0	401.53
	A20	1202+34.39 (CL1201)	0	401.20		B20	1705+40	0	401.54		C20	503+83.99 (CL500)	0	401.76		D20	500+86.21 (CL500)	0	401.58
	A21	1202+48.30 (CL1201)	0	401.24		B21	1705+55	0	401.55		C21	503+99.84 (CL500)	0	401.76		D21	500+69.68 (CL500)	0	401.62
	A22	1202+62.25 (CL1201)	0	401.28		B22	1705+70	0	401.56		C22	504+15.70 (CL500)	0	401.76		D22	500+53.16 (CL500)	0	401.67
	A23	1202+76.22 (CL1201)	0	401.33		B23	1705+85	0	401.56		C23	504+31.54 (CL500)	0	401.76		D23	500+36.68 (CL500)	0	401.72
	A24	1202+90.23 (CL1201)	0	401.37		B24	1706+00	0	401.57		C24	504+47.38 (CL500)	0	401.75		D24	500+20.24 (CL500)	0	401.76
	A25	1203+04.28 (CL1201)	0	401.41		B25	1706+15	0	401.58		C25	504+53.20 (CL500)	0	401.75		D25	500+03.87 (CL500)	0	401.81
	A26	1203+18.37 (CL1201)	0	401.38		B26	1706+30	0	401.55		C26	504+78.82 (CL500)	0	401.72		D26	1+42.68 (PrBL43)	0	401.78
	A27	1203+32.50 (CL1201)	0	401.32		B27	1706+45	0	401.51		C27	504+94.78 (CL500)	0	401.68		D27	1+27.70 (PrBL43)	0	401.74
	A28	1203+46.68 (CL1201)	0	401.26		B28	1706+60	0	401.47		C28	505+10.00 (CL500)	0	401.65		D28	1+12.72 (PrBL43)	0	401.69
	A29	1203+61.57 (CL1201)	0	401.20		B29	1706+75	0	401.44		C29	505+25.57 (CL500)	0	401.61		D29	0+97.74 (PrBL43)	0	401.65
	A30	1203+76.62 (CL1201)	0	401.14		B30	1706+90	0	401.39		C30	505+40.59 (CL500)	0	401.57		D30	0+82.75 (PrBL43)	0	401.60
	A31	1203+91.60 (CL1201)	0	401.08		B31	1707+05	0	401.36		C31	505+55.61 (CL500)	0	401.54		D31	0+67.76 (PrBL43)	0	401.56
	A32	1204+06.58 (CL1201)	0	401.02		B32	1707+20	0	401.30		C32	505+70.63 (CL500)	0	401.50		D32	0+52.79 (PrBL43)	0	401.51
	A33	1204+21.56 (CL1201)	0	400.96		B33	1707+35	0	401.23		C33	505+85.64 (CL500)	0	401.47		D33	0+37.80 (PrBL43)	0	401.47
	A34	1204+36.54 (CL1201)	0	400.91		B34	1707+50	0	401.15		C34	506+00.66 (CL500)	0	401.43		D34	0+22.82 (PrBL43)	0	401.42
	A35	1204+51.53 (CL1201)	0	400.85		B35	1707+65	0	401.06		C35	506+15.68 (CL500)	0	401.39		D35	0+07.84 (PrBL43)	0	401.37

MODEL NAME: MAMES
FILE NAME: 8783

	USER NAME = SUSERS\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WEST ELEVATIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						873	(28-5) K-1	FRANKLIN	162	83
	PLOT SCALE = SCALES	CHECKED -	REVISED -						CONTRACT NO. 78814				
	PLOT DATE = SDATES	DATE -	REVISED -										
	SCALE: SHEET OF SHEETS STA. TO STA.												
					ILLINOIS FED. AID PROJECT								

MODEL NUMBER
FILE NAME: 8783

POINT NO.	WB3 STA.	OFFSET	ELEV.	POINT NO.	STA.	OFFSET	ELEV.
E1	1602+50	0	400.94	F1	1002+87.02 (CL1002)	0	400.66
E2	1602+65	0	400.92	F2	1002+72.01 (CL1002)	0	400.63
E3	1602+80	0	400.90	F3	1002+56.99 (CL1002)	0	400.61
E4	1602+95	0	400.88	F4	1002+42.13 (CL1002)	0	400.59
E5	1603+10	0	400.87	F5	1002+27.98 (CL1002)	0	400.57
E6	1603+25	0	400.86	F6	1002+13.90 (CL1002)	0	400.59
E7	1603+40	0	400.85	F7	1001+99.86 (CL1002)	0	400.60
E8	1603+55	0	400.85	F8	1001+85.80 (CL1002)	0	400.60
E9	1603+70	0	400.86	F9	1603+70(WB3)	16.7'L	400.61
E10	1603+85	0	400.87	F10	1603+85(WB3)	17.3'L	400.60
E11	1604+00	0	400.94	F11	1604+00(WB3)	17.8'L	400.67
E12	1604+15	0	401.02	F12	1604+15(WB3)	18.2'L	400.72
E13	1604+30	0	401.10	F13	1604+30(WB3)	18.5'L	400.83
E14	1604+45	0	401.14	F14	1604+45(WB3)	18.5'L	400.95
E15	1604+60	0	401.17	F15	1303+09.06 (CL1300)	0	400.75
E16	1604+75	0	401.21	F16	1302+90.05 (CL1300)	0	400.83
E17	1604+90	0	401.24	F17	1302+71.05 (CL1300)	0	400.91
E18	1605+05	0	401.28	F18	1302+52.06 (CL1300)	0	400.99
E19	1605+20	0	401.31	F19	1302+34.73 (CL1300)	0	401.06
E20	1605+35	0	401.36	F20	1302+21.80 (CL1300)	0	401.10
E21	1605+50	0	401.40	F21	1302+09.01 (CL1300)	0	401.15
E22	1605+65	0	401.45	F22	1301+96.25 (CL1300)	0	401.19
E23	1605+80	0	401.49	F23	1301+83.45 (CL1300)	0	401.24
E24	1605+95	0	401.54	F24	1301+70.53 (CL1300)	0	401.28
E25	1606+10	0	401.59	F25	1301+57.40 (CL1300)	0	401.33
E26	1606+25	0	401.60	F26	1301+43.42 (CL1300)	0	401.37
E27	1606+40	0	401.61	F27	1301+28.30 (CL1300)	0	401.44
E28	1606+55	0	401.61	F28	1301+13.26 (CL1300)	0	401.51
E29	1606+70	0	401.61	F29	1300+98.25 (CL1300)	0	401.57
E30	1606+85	0	401.61	F30	1300+83.23 (CL1300)	0	401.63
E31	1607+00	0	401.62	F31	1300+68.20 (CL1300)	0	401.69
E32	1607+15	0	401.62	F32	1300+53.19 (CL1300)	0	401.75
E33	1607+30	0	401.62	F33	1300+38.17 (CL1300)	0	401.80
E34	1607+45	0	401.63	F34	1300+23.15 (CL1300)	0	401.86
E35	1607+60	0	401.63	F35	1300+08.13 (CL1300)	0	401.87

POINT NO.	CL500 STA.	OFFSET	ELEV.
G1	504+15.67	3'	402.21
G2	503+99.8	3'	402.21
G3	503+83.9	3'	402.21
G4	503+68.1	3'	402.22
G5	503+52.8	3'	402.22
G6	503+40.8	3'	402.22
G7	503+28.9	3'	402.22
G8	503+16.9	3'	402.23
G9	503+05	3'	402.23
G10	502+93	3'	402.23
G11	502+81.2	3'	402.23
G12	502+70.8	3'	402.25
G13	502+60.4	3'	402.23
G14	502+50	3'	402.24
G15	502+40.1	3'	402.10
G16	502+30.3	3'	401.96
G17	502+20.5	3'	401.81
G18	502+10.7	3'	401.67
G19	501+99	3'	401.71
G20	501+87.3	3'	401.74
G21	501+75.7	3'	401.77
G22	501+63.7	3'	401.81
G23	501+51.7	3'	401.84
G24	501+39.8	3'	401.87
G25	501+27.9	3'	401.91
G26	501+15.9	3'	401.94
G27	501+02.7	3'	401.98
G28	500+86	3'	402.03
G29	500+69.7	3'	402.07
G30	500+53.2	3'	402.12

POINT NO.	CL700 STA.	OFFSET	ELEV.
H1	703+21.57	0	401.91
H2	703+05	0	402.00
H3	702+87	0	402.03
H4	702+70.03	0	402.04
H5	702+54.32	0	402.04
H6	702+46.67	0	402.04
H7	702+38.24	0	402.04
H8	702+30.19	0	402.05
H9	702+22.15	0	402.05
H10	702+14.11	0	402.05
H11	702+06.16	0	402.05
H12	701+99.14	0	402.05
H13	701+92.13	0	402.06
H14	701+85.12	0	402.06
H15	701+78.52	0	401.92
H16	701+71.93	0	401.78
H17	701+65.35	0	401.63
H18	701+58.76	0	401.49
H19	701+50.87	0	401.52
H20	701+43.02	0	401.55
H21	701+35.16	0	401.58
H22	701+27.12	0	401.61
H23	701+19.08	0	401.64
H24	701+11.05	0	401.67
H25	701+03.02	0	401.70
H26	700+95	0	401.73
H27	700+83.98	0	401.76
H28	700+65.52	0	401.79
H29	700+47.02	0	401.80
H30	700+28.37	0	401.77

POINT NO.	CL500 STA.	OFFSET	ELEV.
I1	501+99.03	0	401.26
I2	502+10.76	0	401.22
I3	502+20.55	0	401.36
I4	502+30.34	0	401.51
I5	502+40.13	0	401.65
I6	502+45.95	0	401.79
I7	502+60.37	0	401.78

POINT NO.	CL500 STA.	OFFSET	ELEV.
J1	501+99	6.5'R	401.06
J2	502+10.7	17.5'R	401.04
J3	502+20.5	17.5'R	401.09
J4	502+30.5	17.5'R	401.33
J5	502+40.5	17.5'R	401.47
J6	502+50	17.5'R	401.61
J7	502+60	7.3'R	401.69

USER NAME = SUSERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 55CALES	CHECKED -	REVISED -
PLOT DATE = 5DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST ELEVATIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	84
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

MODEL NAME: 1100
FILE NAME: 1100

POINT NO.	CL1100 STA.	OFFSET	ELEV.
K1	1104+30.00	0	400.84
K2	1104+45.00	0	400.76
K3	1104+60.00	0	400.60
K4	1104+75.00	0	400.44
K5	1104+90.00	0	400.29
K6	1105+05.00	0	400.13
K7	1105+20.00	0	399.92
K8	1105+35.00	0	399.66
K9	1105+50.00	0	399.40
K10	1105+65.00	0	399.14
K11	1105+79.77	0	398.96

POINT NO.	CL1100 STA.	OFFSET	ELEV.
L1	1104+38	18'L	401.25
L2	1104+48.5	14.5'L	401.04
L3	1104+60	11.9'L	400.85
L4	1104+75.5	11.6'L	400.67
L5	1104+91	11.0'L	400.43
L6	1105+06	10.2'L	400.19
L7	1105+21	9.1'L	399.93
L8	1105+35.7	8.2'L	399.64
L9	1105+50.5	7.6'L	399.28
L10	1105+65	7.5'L	398.9
L11	1105+79.5	7.2'L	398.6

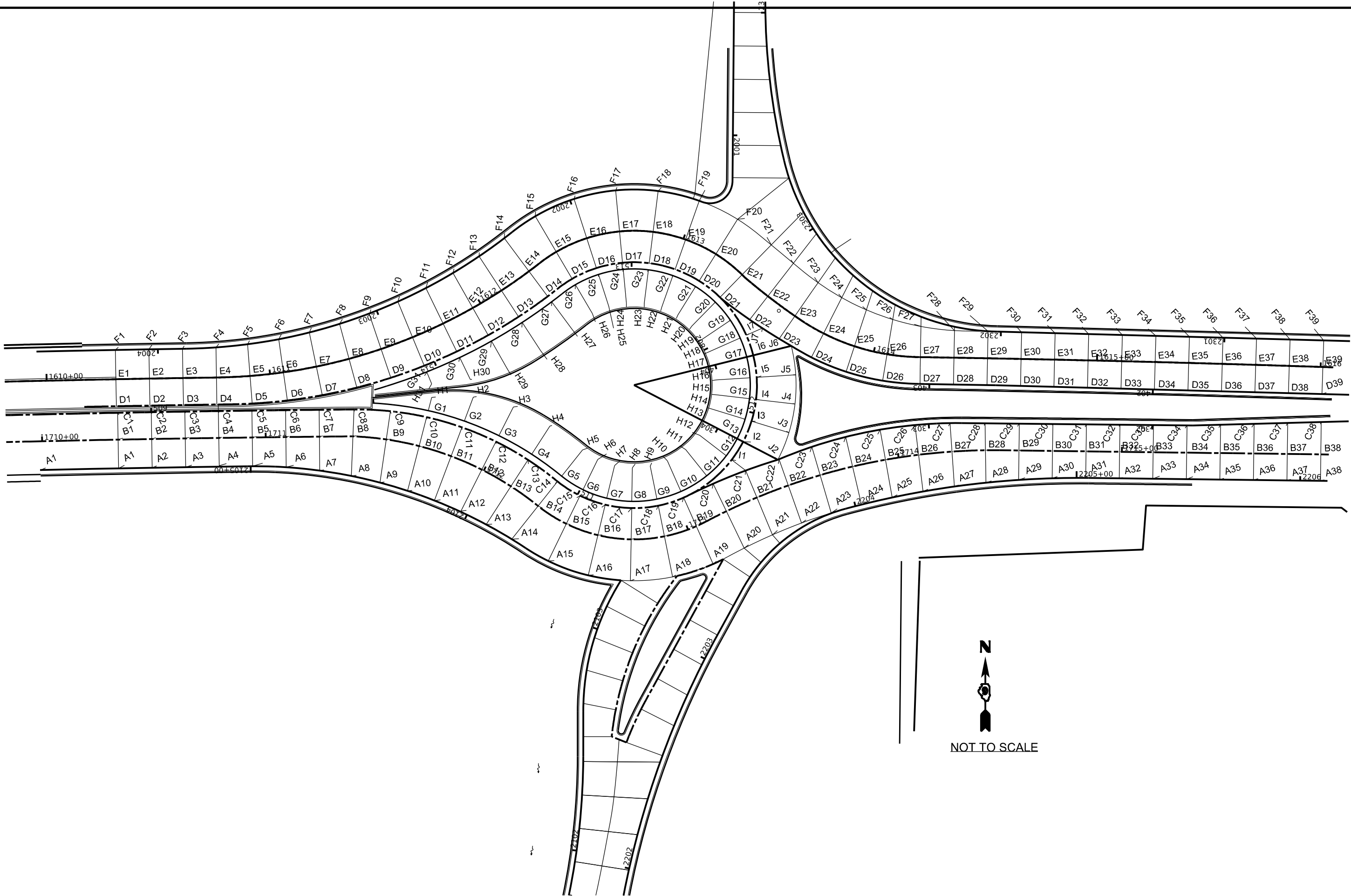
POINT NO.	CL1201 STA.	OFFSET	ELEV.
M2	1201+37.76	0	401.23
M3	1201+25.36	0	401.10
M4	1201+08.37	0	400.90
M5	1200+91.49	0	400.58
M6	1200+74.81	0	400.25
M7	1200+59.36	0	399.95
M8	1200+44.12	0	399.62
M9	1200+29.17	0	399.17
M10	1200+14.33	0	398.73
M11	1200+00.00	0	398.30

POINT NO.	CL1002 STA.	OFFSET	ELEV.
N1	1001+50.22	0	400.43
N2	1001+35.22	0	400.37
N3	1001+26.80	0	400.33
N4	1001+11.80	0	400.26
N5	1000+96.80	0	400.19
N6	1000+81.80	0	400.13
N7	1000+66.80	0	400.06
N8	1000+53.59	0	400.00
N9	1000+40	0	399.94
N10	1000+25.83	0	399.87
N11	1000+13.81	0	399.82
N12	1000+00	0	399.76

POINT NO.	CL1000 STA.	OFFSET	ELEV.
O1	1001+50.5	7.8'L	400.65
O2	1001+35.5	16.2'L	400.84
O3	1001+26.8	16.0'L	400.76
O4	1001+11.8	16.0'L	400.64
O5	1000+96.8	16.0'L	400.52
O6	1000+81.8	16.0'L	400.4
O7	1000+66.8	17.0'L	400.28
O8	1000+53.5	17.0'L	400.19
O9	1000+39.8	14.0'L	400.06
O10	1000+25.8	12.2'L	399.93
O11	1000+13.8	11.5'L	399.82
O12	1000+00	11.5'L	399.69

POINT NO.	CL1300 STA.	OFFSET	ELEV.
P3	1303+11.01	26.9'L	400.94
P4	1303+11.02	19.7'L	400.75
P5	1303+26	18.8'L	400.61
P6	1303+41	17.2'L	400.47
P7	1303+56	14.9'L	400.33
P8	1303+56.75	18.3'L	400.31

POINT NO.	STA.	OFFSET	ELEV.
Q4	1303+11.01 (CL1300)	0	401.06
Q5	1303+26 (CL1300)	0	400.84
Q6	1303+41 (CL1300)	0	400.63
Q7	1303+56.02 (CL1300)	0	400.42
Q8	1303+71 (CL1300)	0	400.20
Q9	1303+86 (CL1300)	0	399.99
Q10	1304+01 (CL1300)	0	399.78
Q11	0+00.28 (PrBL61)	0	399.59
Q12	0+14.06 (PrBL61)	0	399.35



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

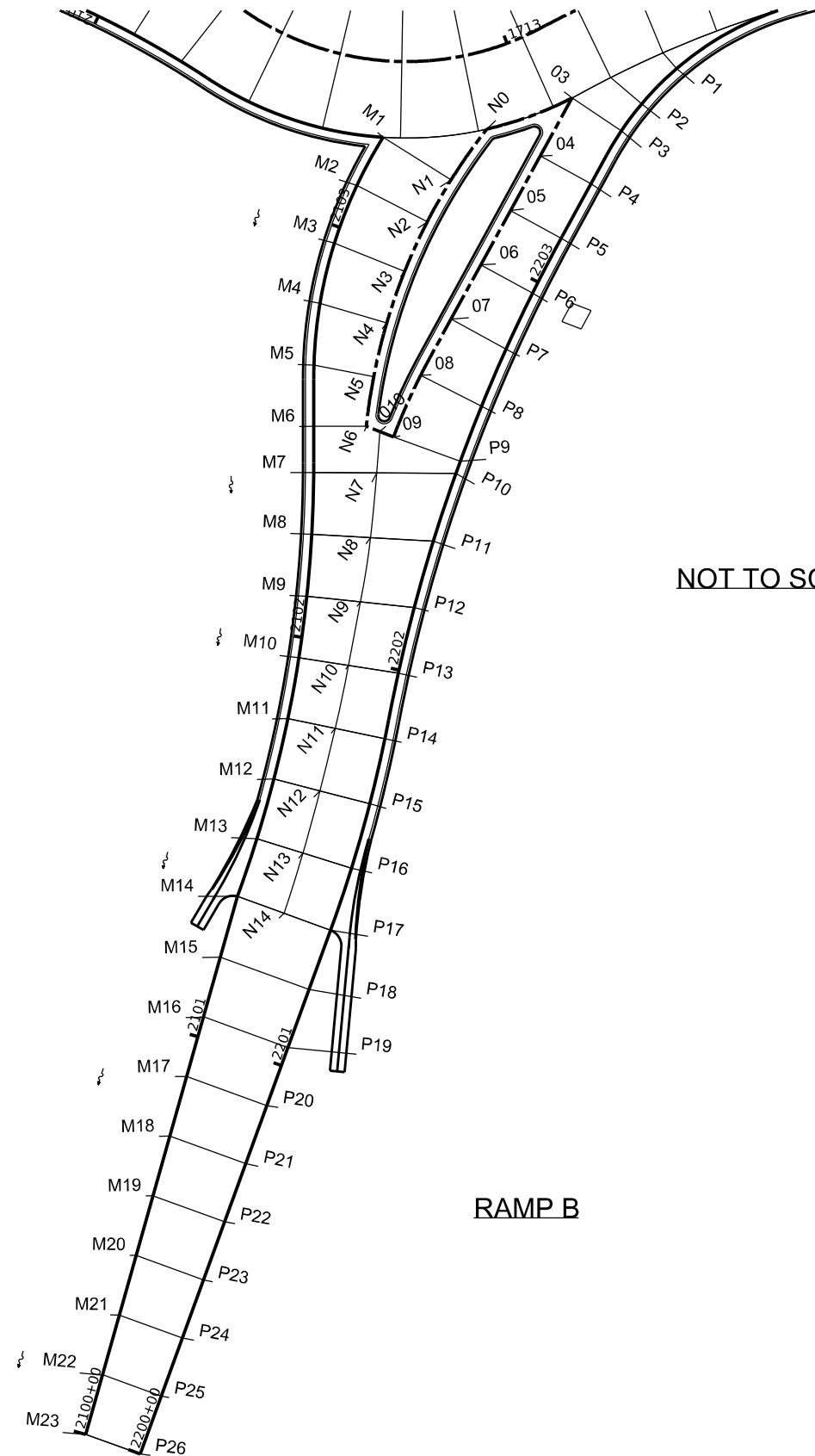
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		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= \$DATES\$	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING DETAIL

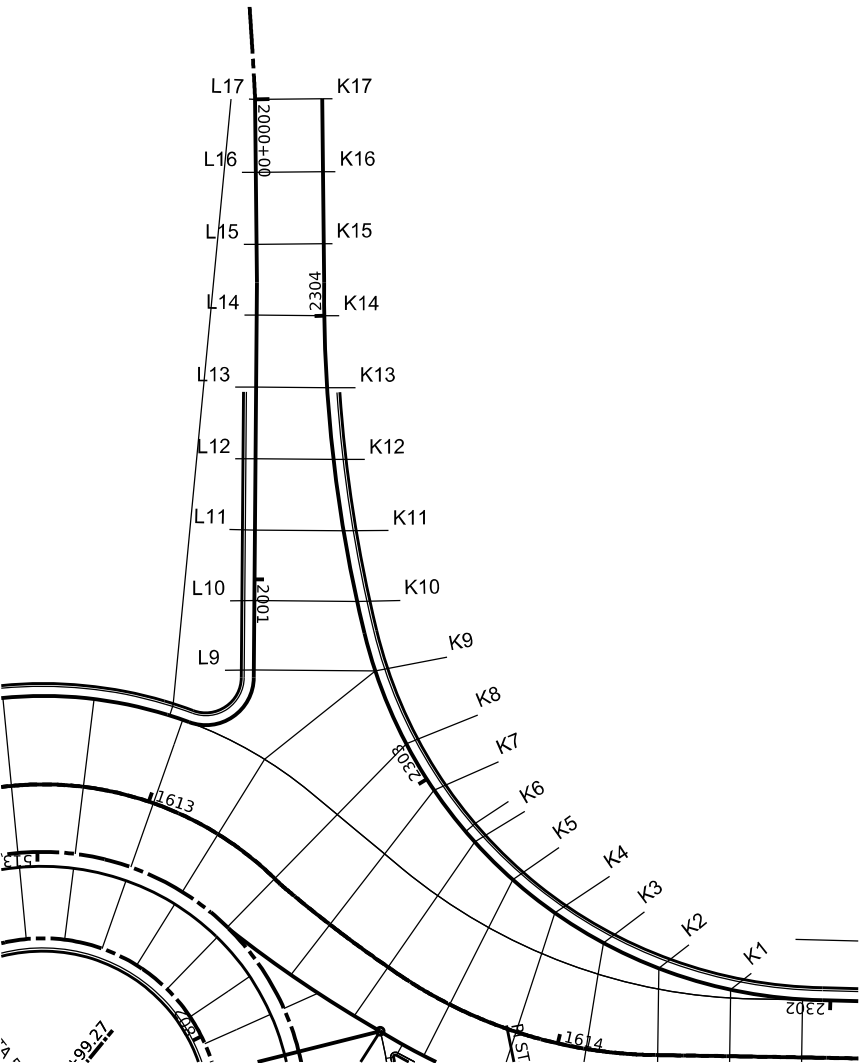
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	86
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



NOT TO SCALE

RAMP B



RAMP A

NOT TO SCALE

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

USER NAME	= \$USERS\$	DESIGNED	-	REVISED	-
DRAWN	-	REVISOR	-	REVISOR	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISOR	-
PLOT DATE	= \$DATE\$	DATE	-	REVISOR	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	87
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

MODEL NUMBER
FILE NAME: 81111

POINT NO.	STA.	OFFSET	ELEV.	POINT NO.	EB2 STA.	OFFSET	ELEV.	POINT NO.	STA.	OFFSET	ELEV.
A1	2105+59.01 (CL2100)	0	398.77	B1	1710+34	0	399.02	C1	508+84.99 (CL500)	0	399.29
A2	2105+44.03 (CL2100)	0	398.59	B2	1710+49	0	398.85	C2	509+00 (CL500)	0	399.12
A3	2105+29.05 (CL2100)	0	398.42	B3	1710+64	0	398.68	C3	509+15.03 (CL500)	0	398.95
A4	2105+14.06 (CL2100)	0	398.25	B4	1710+79	0	398.50	C4	509+30 (CL500)	0	398.78
A5	2104+99.08 (CL2100)	0	398.07	B5	1710+94	0	398.33	C5	509+45.07 (CL500)	0	398.60
A6	2104+84.08 (CL2100)	0	397.90	B6	1711+09	0	398.16	C6	509+60.08 (CL500)	0	398.43
A7	2104+69.01 (CL2100)	0	397.73	B7	1711+24	0	397.98	C7	509+75.10 (CL500)	0	398.26
A8	2104+54.64 (CL2100)	0	397.51	B8	1711+39	0	397.81	C8	509+90.69 (CL500)	0	398.08
A9	2104+41.52 (CL2100)	0	397.28	B9	1711+54	0	397.63	C9	510+07.04 (CL500)	0	397.90
A10	2104+28.63 (CL2100)	0	397.06	B10	1711+69	0	397.46	C10	510+23.45 (CL500)	0	397.71
A11	2104+15.87 (CL2100)	0	396.86	B11	1711+84	0	397.29	C11	510+39.91 (CL500)	0	397.52
A12	2104+03.14 (CL2100)	0	396.69	B12	1711+99	0	397.11	C12	510+56.40 (CL500)	0	397.34
A13	2103+90.34 (CL2100)	0	396.51	B13	1712+14	0	396.92	C13	511+72.91 (CL500)	0	397.16
A14	2103+77.18 (CL2100)	0	396.35	B14	1712+29	0	396.73	C14	510+89.26 (CL500)	0	396.98
A15	2103+58.12 (CL2100)	0	396.18	B15	1712+44	0	396.55	C15	511+01.22 (CL500)	0	396.83
A16	2103+39.10 (CL2100)	0	396.00	B16	1712+59	0	396.37	C16	511+13.18 (CL500)	0	396.65
A17	1712+74(EB2)	18.5'R	395.81	B17	1712+74	0	396.19	C17	511+25.13 (CL500)	0	396.47
A18	1712+89(EB2)	18.5'R	395.61	B18	1712+89	0	396.01	C18	511+37.09 (CL500)	0	396.29
A19	1713+04(EB2)	18.5'R	395.42	B19	1713+04	0	395.83	C19	511+49.05 (CL500)	0	396.11
A20	1713+19(EB2)	18.3'R	395.26	B20	1713+19	0	395.65	C20	1713+19(EB2)	13.7'L	395.89
A21	1713+34(EB2)	18.0'R	395.11	B21	1713+34	0	395.48	C21	1713+34(EB2)	13.0'L	395.67
A22	1713+49(EB2)	17.8'R	394.94	B22	1713+49	0	395.30	C22	303+69.67 (CL300)	0	395.45
A23	2203+88.80 (CL2205)	0	394.78	B23	1713+64	0	395.12	C23	303+53.40 (CL300)	0	395.29
A24	2204+02.85 (CL2205)	0	394.61	B24	1713+79	0	394.95	C24	303+37.66 (CL300)	0	395.14
A25	2204+16.91 (CL2205)	0	394.44	B25	1713+94	0	394.77	C25	303+21.91 (CL300)	0	394.98
A26	2204+31.00 (CL2205)	0	394.28	B26	1714+09	0	394.60	C26	303+06.17 (CL300)	0	394.83
A27	2204+45.15 (CL2205)	0	394.12	B27	1714+24	0	394.42	C27	302+90.44 (CL300)	0	394.67
A28	2204+59.37 (CL2205)	0	394.01	B28	1714+39	0	394.31	C28	302+74.75 (CL300)	0	394.56
A29	2204+74.06 (CL2205)	0	393.93	B29	1714+54	0	394.21	C29	302+59.43 (CL300)	0	394.46
A30	2204+89.09 (CL2205)	0	393.84	B30	1714+69	0	394.12	C30	302+44.43 (CL300)	0	394.37
A31	2205+04.10 (CL2205)	0	393.76	B31	1714+84	0	394.03	C31	302+29.43 (CL300)	0	394.28
A32	2205+19.10 (CL2205)	0	393.68	B32	1714+99	0	393.94	C32	302+14.43 (CL300)	0	394.18
A33	2205+34.10 (CL2205)	0	393.59	B33	1715+14	0	393.85	C33	301+99.43 (CL300)	0	394.09
A34	2205+49.10 (CL2205)	0	393.51	B34	1715+29	0	393.76	C34	301+84.43 (CL300)	0	394.00
A35	2205+64.10 (CL2205)	0	393.43	B35	1715+44	0	393.67	C35	301+69.42 (CL300)	0	393.91
A36	2205+79.10 (CL2205)	0	393.36	B36	1715+59	0	393.58	C36	301+54.41 (CL300)	0	393.82
A37	2205+94.10 (CL2205)	0	393.30	B37	1715+74	0	393.49	C37	301+39.40 (CL300)	0	393.72
A38	2206+09.10 (CL2205)	0	393.23	B38	1715+89	0	393.40	C38	301+24.39 (CL300)	0	393.63

USER NAME = SUSERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 55CALES	CHECKED -	REVISED -
PLOT DATE = 50ATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST ELEVATIONS			
SCALE:	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	88
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

MODEL SHEET NAMES
FILE NAMES: 8/1/2015

POINT NO.	STA.	OFFSET	ELEV.	POINT NO.	WB3 STA.	OFFSET	ELEV.	POINT NO.	STA.	OFFSET	ELEV.
D1	0+50.87 (PrBL44)	0	399.33	E1	1610+31	0	399.57	F1	2004+19.03 (CL2000)	0	399.81
D2	0+35.89 (PrBL44)	0	399.13	E2	1610+46	0	399.32	F2	2004+04.01 (CL2000)	0	399.51
D3	0+20.91 (PrBL44)	0	398.93	E3	1610+61	0	399.07	F3	2003+88.99 (CL2000)	0	399.21
D4	0+05.92 (PrBL44)	0	398.74	E4	1610+76	0	398.83	F4	2003+73.97 (CL2000)	0	398.92
D5	514+84.01 (CL500)	0	398.63	E5	1610+91	0	398.69	F5	2003+59.82 (CL2000)	0	398.73
D6	514+68.22 (CL500)	0	398.59	E6	1611+06	0	398.56	F6	2003+45.71 (CL2000)	0	398.54
D7	514+52.41 (CL500)	0	398.54	E7	1611+21	0	398.46	F7	2003+31.65 (CL2000)	0	398.35
D8	514+36.58 (CL500)	0	398.50	E8	1611+36	0	398.36	F8	2003+17.63 (CL2000)	0	398.20
D9	514+20.74 (CL500)	0	398.46	E9	1611+51	0	398.25	F9	2003+03.65 (CL2000)	0	398.05
D10	514+04.88 (CL500)	0	398.41	E10	1611+66	0	398.15	F10	2002+89.70 (CL2000)	0	397.90
D11	513+89.01 (CL500)	0	398.29	E11	1611+81	0	398.02	F11	2002+75.78 (CL2000)	0	397.76
D12	513+73.14 (CL500)	0	398.13	E12	1611+96	0	397.88	F12	2002+61.89 (CL2000)	0	397.61
D13	513+57.26 (CL500)	0	397.97	E13	1612+11	0	397.74	F13	2002+48.02 (CL2000)	0	397.47
D14	513+41.39 (CL500)	0	397.82	E14	1612+26	0	397.60	F14	2002+34.17 (CL2000)	0	397.32
D15	513+27.93 (CL500)	0	397.68	E15	1612+41	0	397.47	F15	2002+17.12 (CL2000)	0	397.20
D16	513+15.97 (CL500)	0	397.56	E16	1612+56	0	397.35	F16	2001+98.11 (CL2000)	0	397.08
D17	513+04.03 (CL500)	0	397.44	E17	1612+71	0	297.23	F17	2001+79.09 (CL2000)	0	396.96
D18	512+90.09 (CL500)	0	397.32	E18	1612+86	0	397.11	F18	2001+60.09 (CL2000)	0	396.84
D19	512+80 (CL500)	0	397.20	E19	1613+01	0	396.99	F19	2001+41.09 (CL2000)	0	396.72
D20	512+68.22 (CL500)	0	397.08	E20	1613+16	0	396.87	F20	1613+16(WB3)	18.3'L	396.54
D21	512+56.30 (CL500)	0	396.97	E21	1613+31	0	396.73	F21	1613+31(WB3)	18.6'L	396.44
D22	1613+46(WB3)	13.2'R	396.63	E22	1613+46	0	396.44	F22	1613+46(WB3)	18.6'L	396.17
D23	1613+61(WB3)	12.4'R	396.31	E23	1613+61	0	396.16	F23	1613+61(WB3)	18.1'L	395.87
D24	403+54.61 (CL400)	0	396.04	E24	1613+76	0	395.90	F24	1613+76(WB3)	18.0'L	395.63
D25	403+37.77 (CL400)	0	395.83	E25	1613+91	0	395.66	F25	1613+91(WB3)	17.1'L	395.40
D26	403+20.93 (CL400)	0	395.59	E26	1614+06	0	395.42	F26	1614+06(WB3)	15.7'L	395.19
D27	403+04.16 (CL400)	0	395.35	E27	1614+21	0	395.45	F27	1614+21(WB3)	13.7'L	394.98
D28	402+89.17 (CL400)	0	395.23	E28	1614+36	0	395.28	F28	1614+36(WB3)	12.1'L	394.87
D29	402+74.19 (CL400)	0	395.11	E29	1614+51	0	395.11	F29	2302+05.77 (CL2300)	0	394.77
D30	402+59.21 (CL400)	0	395.00	E30	1614+66	0	394.94	F30	2301+90.76 (CL2300)	0	394.65
D31	402+44.23 (CL400)	0	394.88	E31	1614+81	0	394.78	F31	2301+75.74 (CL2300)	0	394.53
D32	402+29.24 (CL400)	0	394.76	E32	1614+96	0	394.63	F32	2301+60.72 (CL2300)	0	394.41
D33	402+14.26 (CL400)	0	394.65	E33	1615+11	0	394.48	F33	2301+45.71 (CL2300)	0	394.30
D34	401+99.28 (CL400)	0	394.53	E34	1615+26	0	394.36	F34	2301+30.69 (CL2300)	0	394.18
D35	401+84.30 (CL400)	0	394.41	E35	1615+41	0	394.24	F35	2301+15.67 (CL2300)	0	394.06
D36	401+69.32 (CL400)	0	394.30	E36	1615+56	0	394.12	F36	2301+00.66 (CL2300)	0	393.94
D37	401+54.33 (CL400)	0	394.18	E37	1615+71	0	394.00	F37	2300+85.64 (CL2300)	0	393.82
D38	401+39.35 (CL400)	0	394.06	E38	1615+86	0	393.88	F38	2300+70.62 (CL2300)	0	393.70
D39	401+24.37 (CL400)	0	393.95	E39	1616+01	0	393.81	F39	2300+55.60 (CL2300)	0	393.59

USER NAME = SUSERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 55CALES	CHECKED -	REVISED -
PLOT DATE = 50ATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST ELEVATIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	89
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

MODEL NUMBER
FILE NAME

POINT NO.	CL500 STA.	OFFSET	ELEV.	POINT NO.	CL800 STA.	OFFSET	ELEV.
G1	510+23.45 (CL500)	3'	398.16	H1	800+26.15	0	398.08
G2	510+39.91 (CL500)	3'	397.97	H2	800+44.80	0	397.92
G3	510+56.40 (CL500)	3'	397.79	H3	800+60.30	0	397.77
G4	511+72.91 (CL500)	3'	397.61	H4	800+81.75	0	397.61
G5	510+89.26 (CL500)	3'	397.43	H5	800+99.99	0	397.46
G6	511+01.22 (CL500)	3'	397.28	H6	801+07.93	0	397.28
G7	511+13.18 (CL500)	3'	397.10	H7	801+15.97	0	397.11
G8	511+25.13 (CL500)	3'	396.92	H8	801+24.02	0	396.93
G9	511+37.09 (CL500)	3'	396.74	H9	801+32.06	0	396.76
G10	511+49.05 (CL500)	3'	396.56	H10	801+40.00	0	396.59
G11	511+76.7 (CL500)	3'	396.25	H11	801+49.72	0	396.42
G12	511+76.65 (CL500)	3'	396.259	H12	801+58.67	0	396.29
G13	511+86.22 (CL500)	3'	396.162	H13	801+65.11	0	395.94
G14	511+96.16 (CL500)	3'	396.343	H14	801+71.80	0	396.40
G15	512+06.10 (CL500)	3'	396.524	H15	801+78.48	0	396.58
G16	512+16.04 (CL500)	3'	396.705	H16	801+85.17	0	396.75
G17	512+26.01 (CL500)	3'	396.924	H17	801+91.88	0	396.93
G18	512+35.54 (CL500)	3'	397.059	H18	801+98.29	0	397.10
G19	512+35.5 (CL500)	3'	397.06	H19	802+04.71	0	397.27
G20	512+56.30 (CL500)	3'	397.42	H20	802+12.24	0	397.45
G21	512+68.22 (CL500)	3'	397.53	H21	802+20.25	0	397.56
G22	512+80 (CL500)	3'	397.65	H22	802+28.27	0	397.68
G23	512+90.09 (CL500)	3'	397.77	H23	802+36.29	0	397.80
G24	513+04.03 (CL500)	3'	397.89	H24	802+44.32	0	397.92
G25	513+15.97 (CL500)	3'	398.01	H25	802+52.35	0	398.04
G26	513+27.93 (CL500)	3'	398.13	H26	802+60.39	0	398.16
G27	513+41.39 (CL500)	3'	398.27	H27	802+71.87	0	398.30
G28	513+57.26 (CL500)	3'	398.42	H28	802+88.87	0	398.46
G29	513+73.14 (CL500)	3'	398.58	H29	803+05.89	0	398.60
G30	512+89.01 (CL500)	3'	398.74	H30	803+23.13	0	398.72
G31	514+04.88 (CL500)	3'	398.86	H31	803+40.51	0	398.62

POINT NO.	CL500 STA.	OFFSET	ELEV.
I1	511+76.65	0	395.81
I2	511+86.22	0	395.71
I3	511+96.16	0	395.89
I4	512+06.10	0	396.07
I5	512+16.04	0	396.26
I6	512+26.01	0	396.47
I7	512+35.54	0	396.61

POINT NO.		OFFSET	ELEV.
J2	511+86.22	17.5'R	395.45
J3	511+96.16	17.5'R	395.63
J4	512+06.10	17.5'R	395.81
J5	512+16.04	17.5'R	395.99
J6	512+26.01	17.5'R	396.17
J7	512+35.54	7.8'R	396.49

POINT NO.	CL2300 STA.	OFFSET	ELEV.
K1	2302+20.92	0	394.84
K2	2302+34.54	0	394.93
K3	2302+49.28	0	395.14
K4	2302+61.15	0	395.33
K5	2302+72.35	0	395.51
K6	2302+83.51	0	395.69
K7	2302+97.24	0	395.91
K8	2303+08.51	0	396.04
K9	2303+25.00	0	396.20
K10	2303+40.00	0	396.35
K11	2303+54.99	0	396.49
K12	2303+70.00	0	396.64
K13	2303+85.00	0	396.79
K14	2304+00.00	0	396.94
K15	2304+15.00	0	397.08
K16	2304+30.00	0	397.23
K17	2304+45.22	0	397.38

POINT NO.	CL2000 STA.	OFFSET	ELEV.
L9	2001+18.91	0	396.74
L10	2001+04.43	0	396.77
L11	2000+89.73	0	396.79
L12	2000+74.89	0	396.81
L13	2000+59.97	0	396.84
L14	2000+44.99	0	396.86
L15	2000+30.22	0	396.89
L16	2000+15.22	0	396.91
L17	2000+00.00	0	396.94

USER NAME = SUSERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 55CALES	CHECKED -	REVISED -
PLOT DATE = 5DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

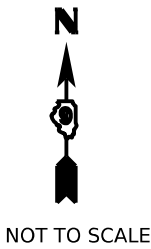
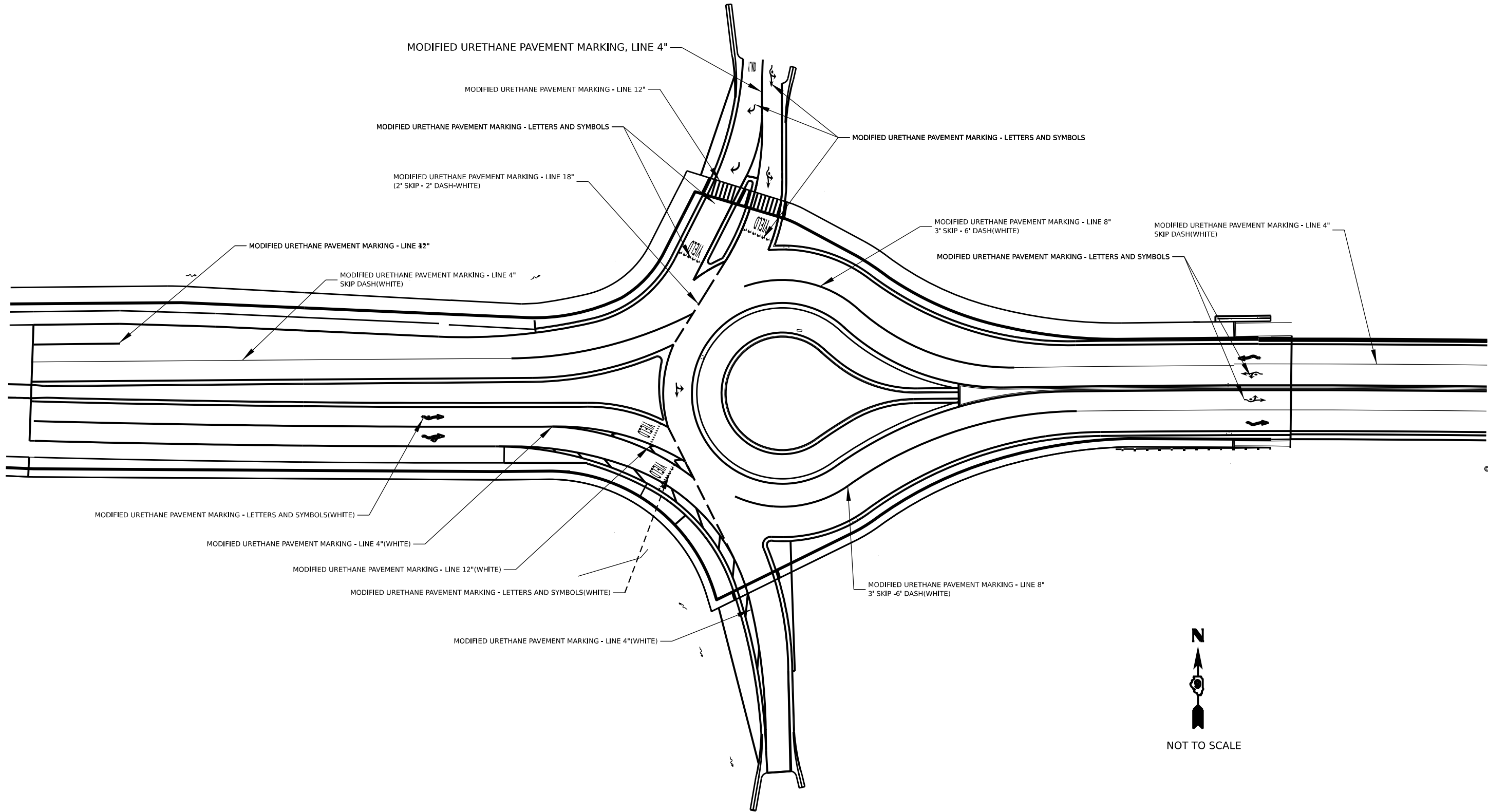
EAST ELEVATIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	90
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

MODEL: MODEL NAMES
FILE NAMES: SHEETS

	POINT NO.	CL2100 STA.	OFFSET	ELEV.		POINT NO.	CL2200 STA.	OFFSET	ELEV.
	M1	2103+24.27	0	395.86		O3	2203+41.7	14.5'I	395.37
	M2	2103+11.00	0	395.61		O4	2203+27	14.0'I	395.15
	M3	2102+95.99	0	395.31		O5	2203+12	14.0'I	394.94
	M4	2102+81.00	0	395.00		O6	2202+97.5	14.3'I	394.73
	M5	2102+65.99	0	394.69		O7	2202+83	15.1'I	394.52
	M6	2102+51.17	0	394.39		O8	2202+68.3	16.5'I	394.31
	M7	2102+40.00	0	394.14		O9	2202+52.7	17.2'I	394.1
	M8	2102+25.00	0	393.86		O10	2202+52.7	20.7'I	
	M9	2102+10.00	0	393.53					
	M10	2101+95.00	0	393.24		POINT NO.	STA.	OFFSET	ELEV.
	M11	2101+80.00	0	392.92		P1	2203+61.97	0	395.14
	M12	2101+65.00	0	392.63		P2	2203+50.00	0	395.31
	M13	2101+50.00	0	392.32		P3	2203+41.75	0	395.42
	M14	2101+35.23	0	392.01		P4	2203+27.00	0	395.16
	M15	2101+20.00	0	391.71		P5	2203+12.00	0	394.88
	M16	2101+05.00	0	391.41		P6	2202+97.00	0	394.61
	M17	2100+90.00	0	391.10		P7	2202+82.00	0	394.34
	M18	2100+75.00	0	390.79		P8	2202+67.00	0	394.06
	M19	2100+60.00	0	390.49		P9	2202+52.68	0	393.80
	M20	2100+45.00	0	390.18		P10	2202+49.58	0	393.75
	M21	2100+30.00	0	389.87		P11	2202+32.29	0	393.43
	M22	2100+15.00	0	389.57		P12	2202+15.60	0	393.13
	M23	2100+00.00	0	389.26		P13	2201+99.26	0	392.83
						P14	2201+83.07	0	392.54
	POINT NO.	CL2100 STA.	OFFSET	ELEV.		P15	2201+66.89	0	392.25
	N0	2103+24.27	25.2'R	395.59		P16	2201+50.72	0	391.95
	N1	2103+11.00	19.4'R	395.33		P17	2201+36.84	0	391.66
	N2	2103+10	19.2'R	395.13		P18	2201+19.60	0	391.39
	N3	2102+94.3	18.3'R	394.9		P19	2201+04.67	0	391.12
	N4	2102+78.6	16.7'R	394.67		P20	2200+89.69	0	390.84
	N5	2102+63.3	14.5'R	394.44		P21	2200+74.73	0	390.57
	N6	2102+51.2	12.7'R	394.23		P22	2200+59.77	0	390.30
	N7	2102+40	15.3'R	393.97		P23	2200+44.81	0	390.03
	N8	2102+25	14.3'R	393.64		P24	2200+28.78	0	389.74
	N9	2102+10	13.0'R	393.33		P25	2200+14.89	0	389.48
	N10	2101+95	12.2'R	393.03		P26	2200+00.00	0	389.21
	N11	2101+80	11.7'R	392.74					
	N12	2101+65	11.5'R	392.44					
	N13	2101+50	11.7'R	392.14					
	N14	2101+34.5	12.0'R	391.84					



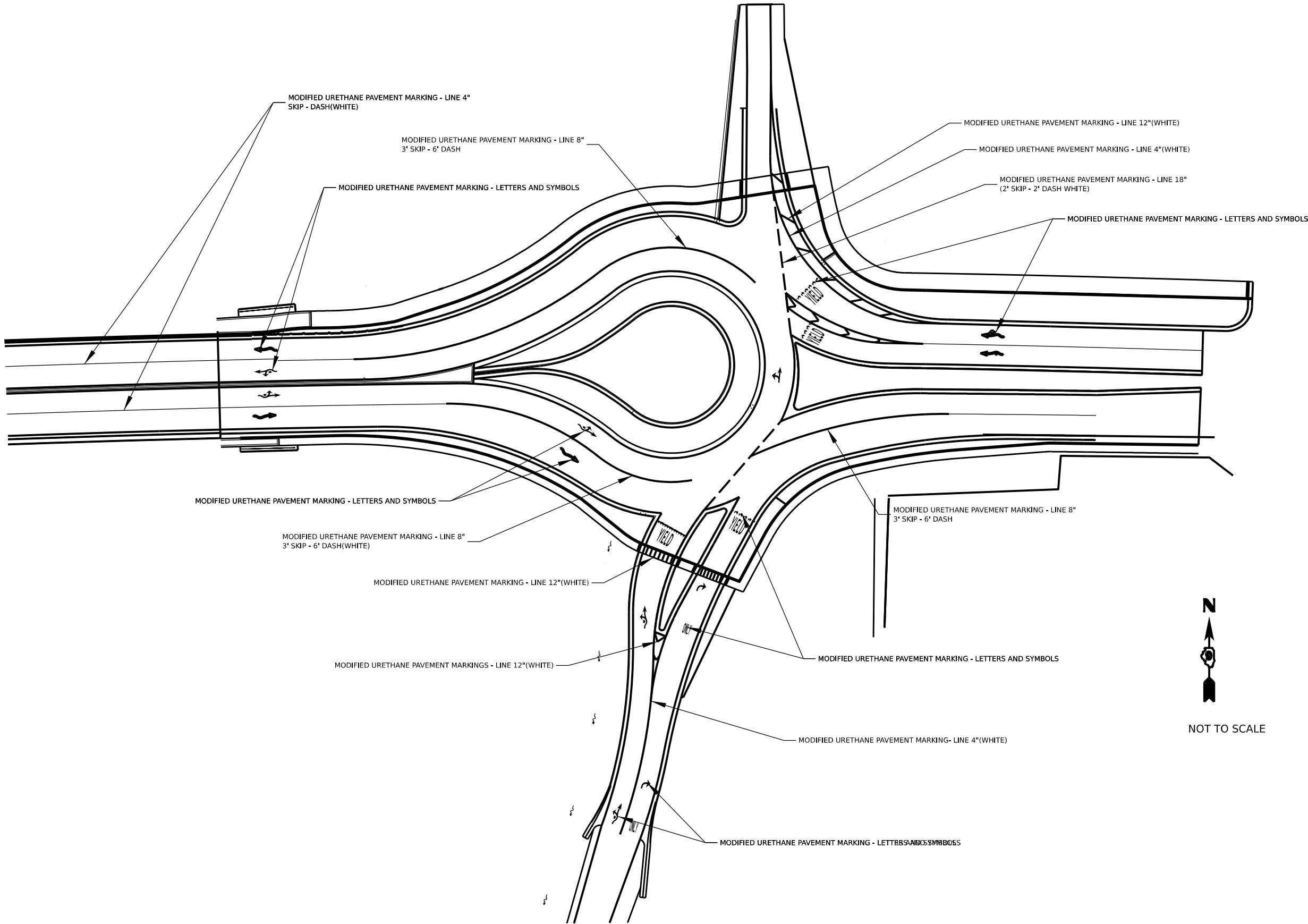
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		DRAWN -	REVISED -
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
	PLOT DATE = \$DATES\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	92
CONTRACT NO.				78814
		ILLINOIS	FED. AID PROJECT	



NOT TO SCALE

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

USER NAME	= \$USER\$	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= \$DATE\$	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	93
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

SIGNING SCHEDULE

LOCATION	SIGN NAME	STATE ROUTE SIGN	INTERSTATE SIGN	CARDINAL DIRECTION	DIRECTIONAL ARROW	ONE WAY	ROUNDAABOUT DIRECTIONAL	PEDESTRIAN CROSSING	DO NOT ENTER	YIELD	KEEP RIGHT	YIELD AHEAD	ROUNDAABOUT CIRCULATION	ADVISORY SPEED	REMOVE SIGN PANEL TYPE 1
		COMBINATION**				COMBINATION			COMBINATION*				COMBINATION		
	MUTCD NO.	M1-5	M1-1	M3-1(1),2,3(1),4	M6-2(1) & M6-2	R6-1r	R6-4		R5-1	R1-2	R4-7	W3-2a	W2-6	W13-1	W3-3
	SIZE	24" X 24"	24" X 24"	24" X 12"	21" X 15"	36" X 12"	30" X 24"		36" X 36"	36" X 36 "X 36"	24" X 30"	36" X 36"	36" X 36"	24" X 24"	36" X 36"
	SHAPE	SQUARE	SHIELD	RECT.	RECT.	RECT.	RECT.		DIAMOND	SQUARE	TRIANGULAR	RECT.	DIAMOND	DIAMOND	SQUARE
	SIGN AREA (SF)	4.00	4.00	2.00	2.19	3.00	5.00	9.00	9.00	4.50	5.00	9.00	9.00	4.00	9.00
I-57 NB EXIT RAMP												1	1	1	1
EAST OF ROUNDAABOUT											1	1	1	1	
EAST ROUNDAABOUT		1	1	2	2	2	2	5	5	5					
BETWEEN ROUNDAABOUTS															
WEST ROUNDAABOUT		1	1	2	2	2	2	5	5	5					
WEST OF ROUNDAABOUT												1	1	1	
I-57 SB EXIT RAMP												1	1	1	1
SIGN PANEL TYPE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL SIGNS	2	2	4	4	4	4	4	10	10	10	1	4	4	4	2
TOTAL AREA (SF)	8	8	8	9	12	20	90	90	45	5	36	36	16	18	
POST TYPE	TSSS					TSSS		TSSS	TSSS			TSSS	WOOD	WOOD	
LENGTH / INSTALLATION (FOOT)	63					62		172	171			15	65	73	

* THE "DO NOT ENTER" SIGNS WILL BE MOUNTED ON THE BACK OF THE "YIELD" SIGNS
** EITHER INTERSTATE SIGN M1-1 OR STATE ROUTE SIGN M1-5 WILL BE USED FOR THE COMBINATION, NOT BOTH

SIGN PANEL TYPE 1 TOTAL	=	383	SQ FT
WOOD SIGN SUPPORT TOTAL LENGTH	=	138	FOOT
TELESCOPING STEEL SIGN SUPPORT (TSSS)	=	483	FOOT
BASE FOR TELESCOPING STEEL SIGN SUPPORT	=	29	EACH

MODEL: Sign_Schedule_1 [Sheet]
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SIGNING SCHEDULE (SPECIALTY)

LOCATION	SIGN NAME	LANE SIGN	DESTINATION GUIDE	STRUCTURAL STEEL SIGN SUPPORT BREAKAWAY	CONCRETE FOUNDATIONS	REINFORCEMENT BARS	WOOD SIGN SUPPORT	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION GROUND MOUNT	RELOCATE SIGN PANEL TYPE 1	RELOCATE SIGN PANEL TYPE 3	REMOVE SIGN PANEL TYPE 3
		SQ FT	SQ FT	POUND	CU YD	POUND	FOOT	EACH	EACH	SQ FT	SQ FT	SQ FT
	MUTCD NO.	SPECIALTY	SPECIALTY									
	SIZE	VARIES	VARIES									
	SHAPE	RECT.	RECT.									
	SIGN AREA (SF)	VARIES	VARIES									
I-57 NB EXIT RAMP		1	1	1749	4.2	468		4	4	5	88	113
EAST OF ROUNDABOUT		1	1	880	2.4	184	54	2	2			133
EAST ROUNDABOUT								2	2			60
BETWEEN ROUNDABOUTS		2	2	1080	2.8	312	108					
WEST ROUNDABOUT								2	2			60
WEST OF ROUNDABOUT		1	1	968	2.4	184	54	2	2			133
I-57 SB EXIT RAMP		1	1	1749	4.2	468		4	4	5	88	113
SIGN PANEL TYPE		3	3									
TOTAL SIGNS		6	6									
TOTAL AREA (SF)		304	602									
TOTAL		906		6426	16	1616	216	16	16	10	176	612

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USER NAME = Jared.Harp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING SCHEDULE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						873	(28-5)K-1	FRANKLIN	162	95
	PLOT SCALE = 0.16666633" / in.	CHECKED -	REVISED -	SCALE:SCALE				SHEET 0 OF 1 SHEETS STA. TO STA.				CONTRACT NO. 78814
	PLOT DATE = 5/16/2023	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

* R5-1 MOUNTED ON BACK OF YIELD SIGN

STA. 1610+50 B WB3
35' LT TO CENTER OF SIGN
SIGN PANEL - TYPE 3
LANE SIGN 1
WOOD SIGN SUPPORT

STA. 17110+50 B EB2
30' RT TO CENTER OF SIGN
SIGN PANEL - TYPE 3
DESTINATION GUIDE 4
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY
CONCRETE FOUNDATIONS, GROUND MOUNT
2 - W6 X 15 POSTS
LENGTHS 15 FT & 16 FT

REMOVE GROUND MOUNTED SIGN SUPPORT
REMOVE CONCRETE FOUNDATION GROUND MOUNT
REMOVE SIGN PANEL TYPE 3

STA. 1614+50 @ WB3
22' LT TO CENTER OF SIGN
SIGN PANEL - TYPE 3
DESTINATION GUIDE 2
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY
CONCRETE FOUNDATIONS, GROUND MOUNT
2 - W10 X 22 POSTS
LENGTHS 17 FT & 17 FT

STA. 1615+30 B WB3
22' LT TO CENTER OF SIGN
SIGN PANEL - TYPE 3
LANE SIGN 2
WOOD SIGN SUPPORT

STA. 701+05 B IL149WB
22' RT TO CENTER OF SIGN
SIGN PANEL - TYPE 1
W3-2a
WOOD SIGN SUPPORT

STA. 701+85 B IL149WB
20' RT TO CENTER OF SIGN
SIGN PANEL - TYPE 1
W2-6 & W13-1
WOOD SIGN SUPPORT

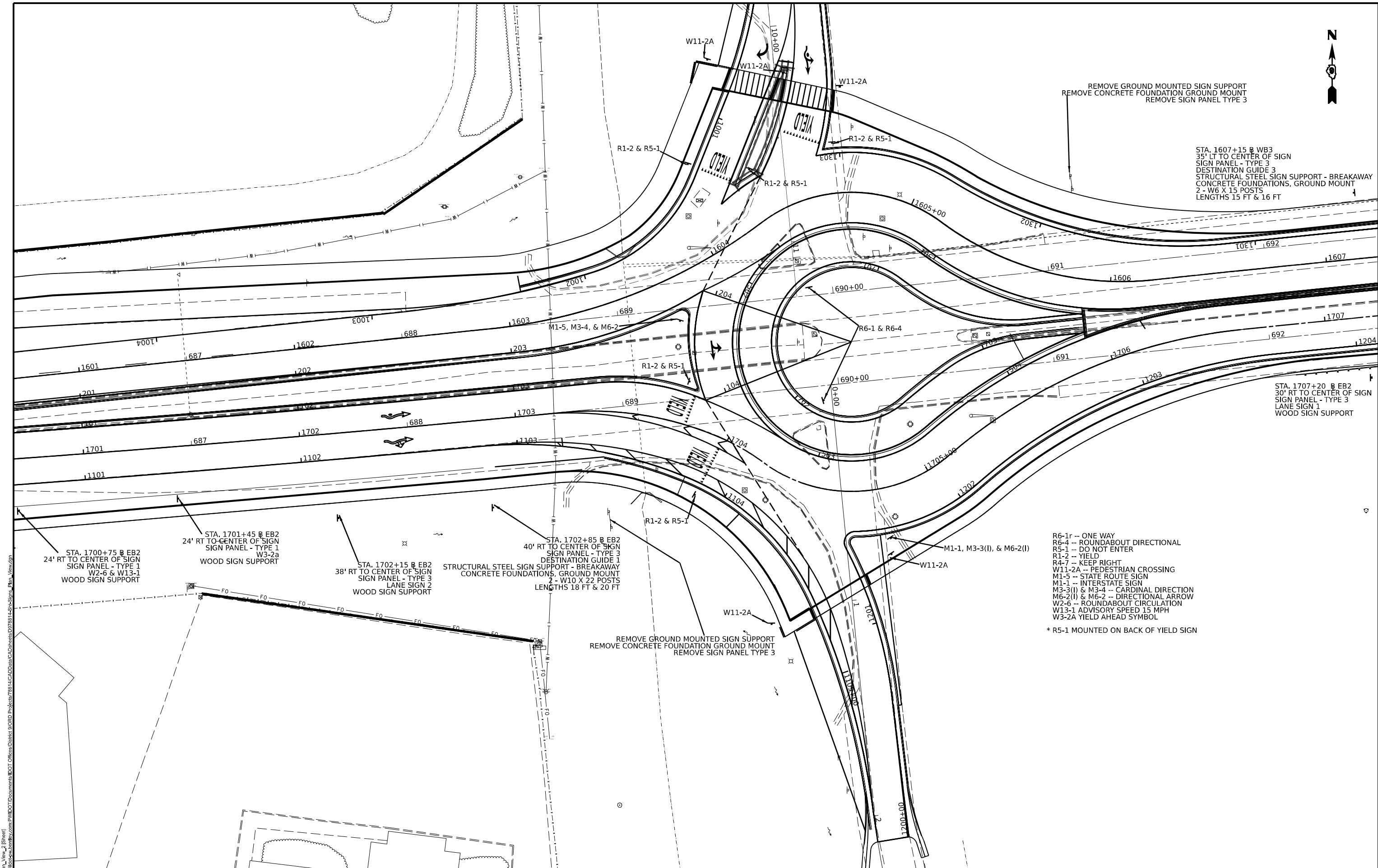
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN VIEW

SCALE:SCALE	SHEET 0	OF 1	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	96
CONTRACT NO. 78814				
ILLINOIS		FED. AID PROJECT		

ILLINOIS	FED. AID PROJECT
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STA. 1700+75 @ EB2
24' RT TO CENTER OF SIGN
SIGN PANEL - TYPE 1
W2-6 & W13-1
WOOD SIGN SUPPORT

STA. 1701+45 @ EB2
24' RT TO CENTER OF SIGN
SIGN PANEL - TYPE 1
W3-2a
WOOD SIGN SUPPORT

STA. 1702+15 @ EB2
38' RT TO CENTER OF SIGN
SIGN PANEL - TYPE 3
LANE SIGN 2
WOOD SIGN SUPPORT

STA. 1702+85 @ EB2
40' RT TO CENTER OF SIGN
SIGN PANEL - TYPE 3
DESTINATION GUIDE 1
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY
CONCRETE FOUNDATIONS, GROUND MOUNT
2 - W10 X 22 POSTS
LENGTHS 18 FT & 20 FT

REMOVE GROUND MOUNTED SIGN SUPPORT
REMOVE CONCRETE FOUNDATION GROUND MOUNT
REMOVE SIGN PANEL TYPE 3

R6-1r -- ONE WAY
R6-4 -- ROUNDABOUT DIRECTIONAL
R5-1 -- DO NOT ENTER
R1-2 -- YIELD
R4-7 -- KEEP RIGHT
W11-2A -- PEDESTRIAN CROSSING
M1-5 -- STATE ROUTE SIGN
M1-1 -- INTERSTATE SIGN
M3-3(I) & M3-4 -- CARDINAL DIRECTION
M6-2(I) & M6-2 -- DIRECTIONAL ARROW
W2-6 -- ROUNDABOUT CIRCULATION
W13-1 ADVISORY SPEED 15 MPH
W3-2A YIELD AHEAD SYMBOL

* R5-1 MOUNTED ON BACK OF YIELD SIGN

STA. 1607+15 @ WB3
35' LT TO CENTER OF SIGN
SIGN PANEL - TYPE 3
DESTINATION GUIDE 3
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY
CONCRETE FOUNDATIONS, GROUND MOUNT
2 - W6 X 15 POSTS
LENGTHS 15 FT & 16 FT

STA. 1707+20 @ EB2
30' RT TO CENTER OF SIGN
SIGN PANEL - TYPE 3
LANE SIGN 1
WOOD SIGN SUPPORT

MODEL: Sign_Plan_View_2 [Sheet]
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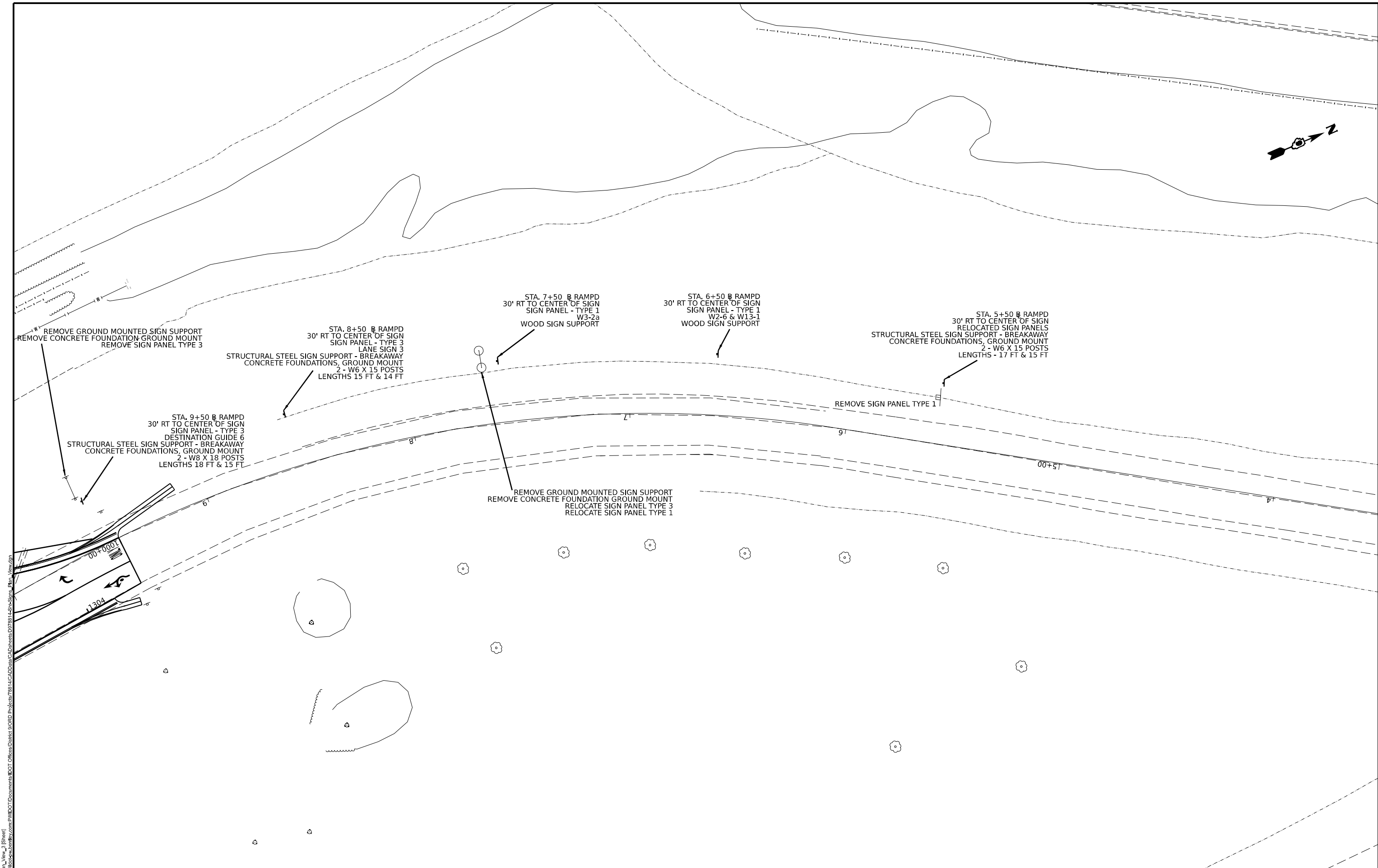
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DRAWN	-	REVISIONS	-	REVISED	-
PLOT SCALE	= 0.16666633" / in.	CHECKED	-	REVISED	-
PLOT DATE	= 5/16/2023	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN VIEW

SCALE:SCALE SHEET 0 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	97
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



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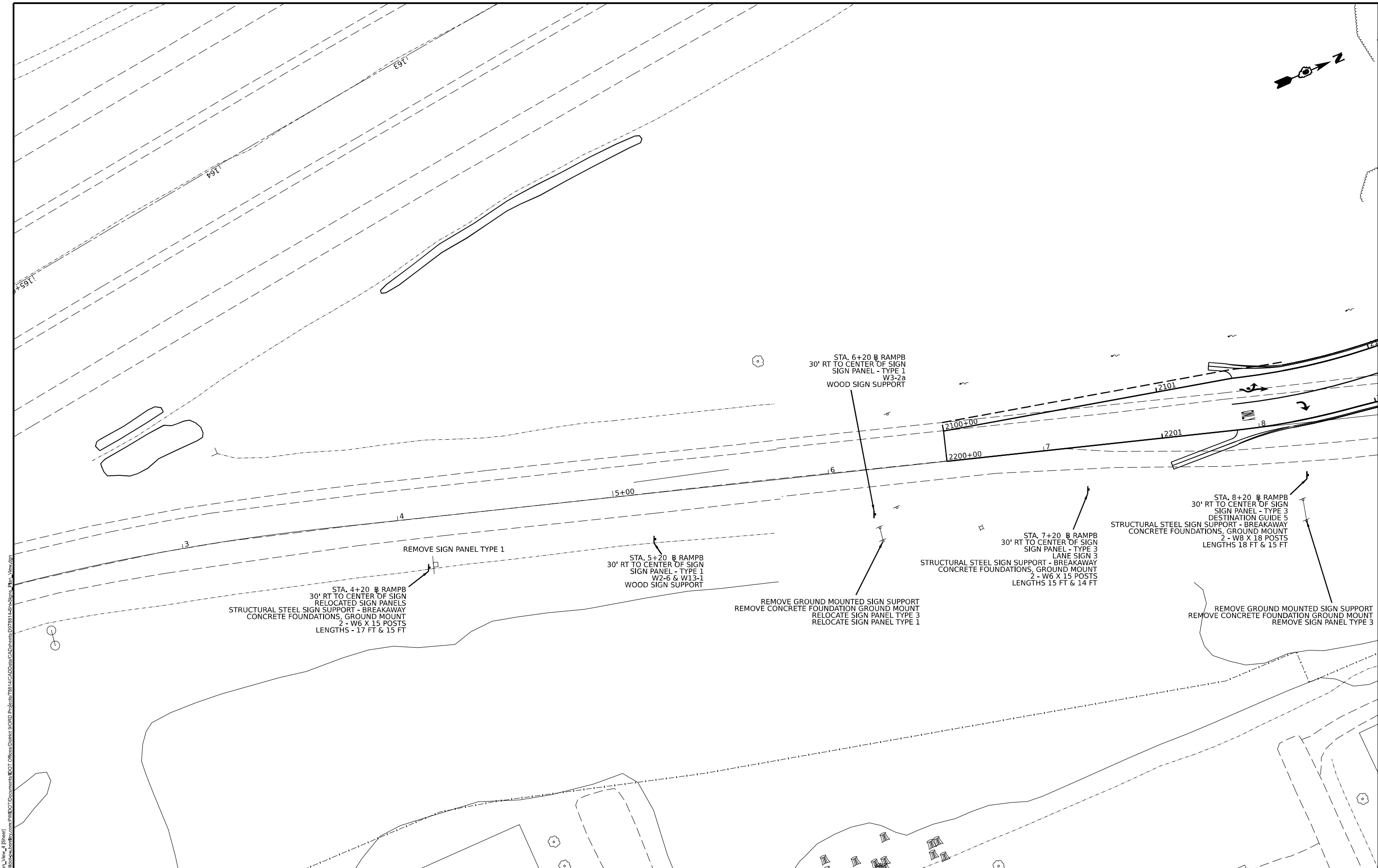
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DRAWN	-	REVIS	-	REVIS	-
PLOT SCALE	= 0.16666633" / in.	CHECKED	-	REVISED	-
PLOT DATE	= 5/16/2023	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN VIEW

SCALE:SCALE SHEET 0 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	98
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



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USER NAME = Jared,Harp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633"/in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2023	DATE -	REVISED -

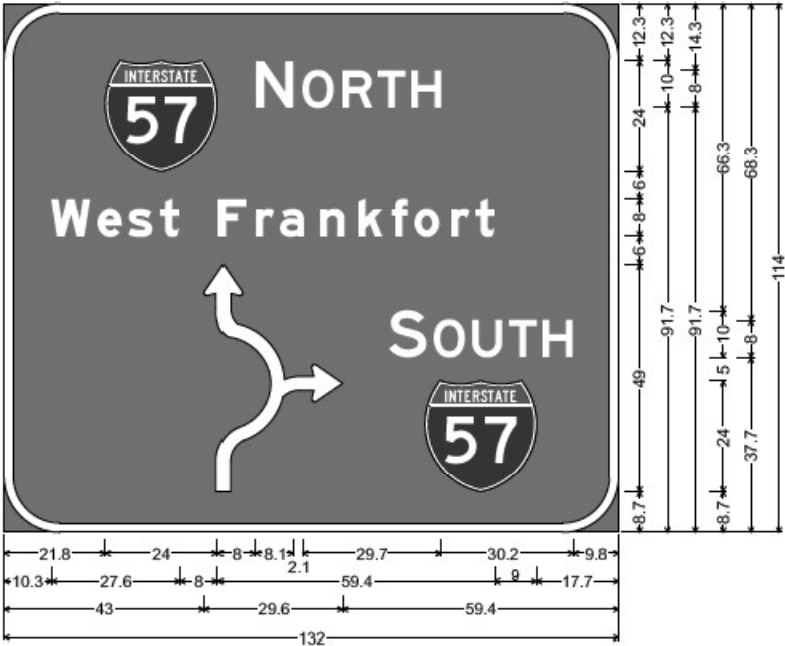
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN VIEW

SCALE:SCALE SHEET 0 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	99
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

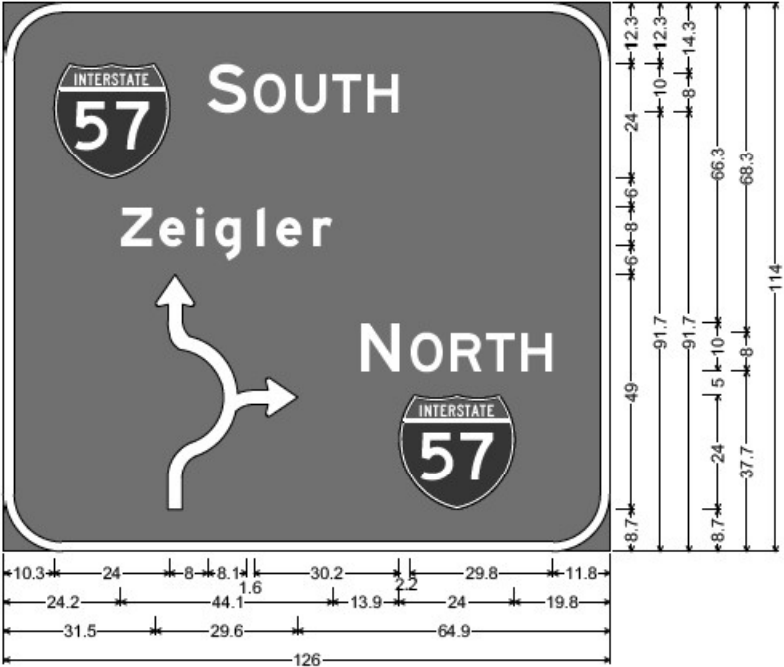
DESTINATION GUIDE 1



12.0" Radius, 2.0" Border, White on Green;
"NORTH", E 2K; "West Frankfort", E Mod 2K; "SOUTH", E 2K;
Table of widths and spaces

21.8	24.0	8.0	8.1	2.1	6.7	1.8	6.5	0.9	6.0	1.4	6.4
		S	O	U	T	H					
		8.1	6.7	1.9	6.4	1.4	6.0	1.4	6.4	9.8	
10.3	8.4	1.2	5.3	1.6	5.3	1.6	4.2				
		W	e	s	t						
		8.4	1.2	5.3	1.6	5.3	1.6	4.2			
		F	r	a	n	k	f	o	r	t	
		8.0	5.9	2.1	4.0	1.2	5.3	3.2	5.3	3.2	
		8.0	5.9	2.1	4.0	1.2	5.3	3.2	5.3	3.2	
		14.9	23.9	17.7							
43.0	29.6	59.4									

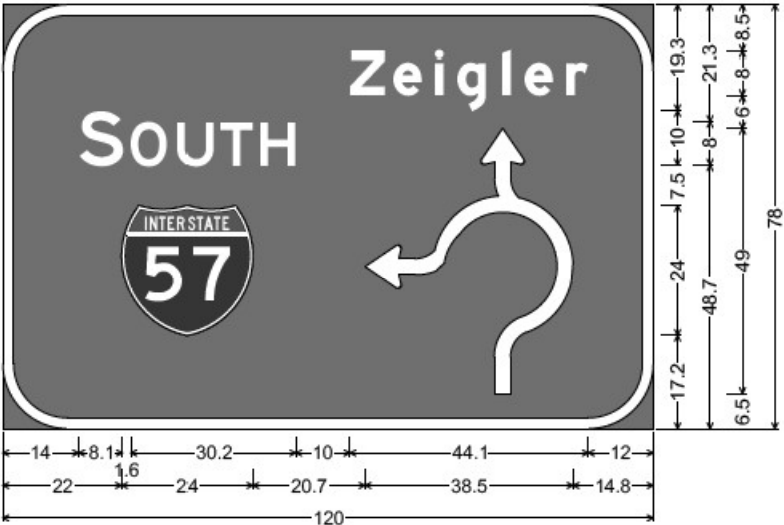
DESTINATION GUIDE 2



12.0" Radius, 2.0" Border, White on Green;
"SOUTH", E 2K; "Zeigler", E Mod 2K; "NORTH", E 2K;
Table of widths and spaces

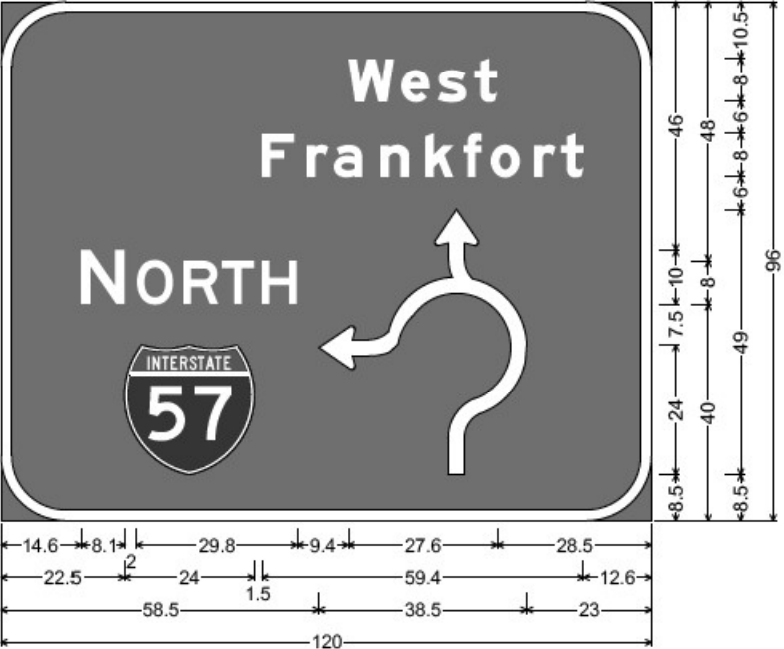
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		S	O	U	T	H					
		8.1	6.7	1.9	6.4	0.9	6.0	1.4	6.5	11.8	
		N	O	R	T	H					
		8.0	2.1	6.7	1.9	6.4	0.9	6.0	1.4	6.5	11.8
24.2	6.5	1.4	5.3	2.5	1.6	2.5	5.3	3.2	1.6	2.4	5.3
		Z	e	i	g	l	e	r			
		6.5	1.4	5.3	2.5	1.6	2.5	5.3	3.2	1.6	2.4
31.5	29.6	64.9									

DESTINATION GUIDE 3



12.0" Radius, 2.0" Border, White on Green;
"SOUTH", E 2K; "Zeigler", E Mod 2K;

DESTINATION GUIDE 4



12.0" Radius, 2.0" Border, White on Green;
"NORTH", E 2K; "West", E Mod 2K; "Frankfort", E Mod 2K;

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USER NAME	= Jared.Harp	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISION	-
PLOT SCALE	= 0.16666633" / in.	CHECKED	-	REVISION	-
PLOT DATE	= 5/16/2023	DATE	-	REVISION	-

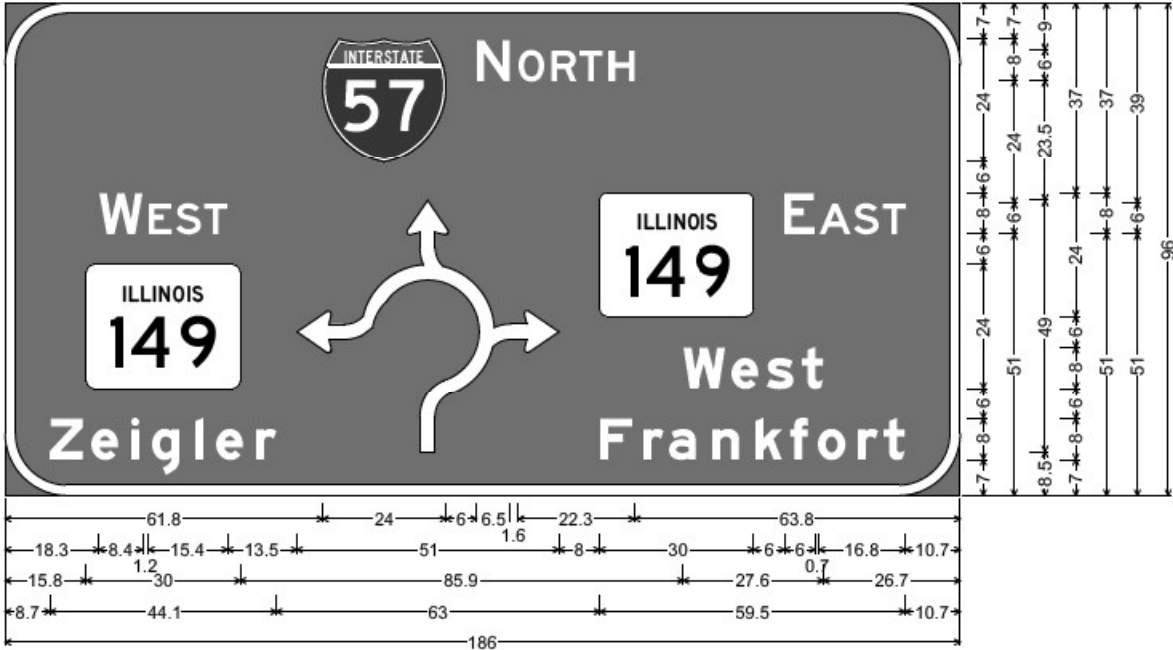
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE:SCALE SHEET 0 OF 1 SHEETS STA. TO STA.

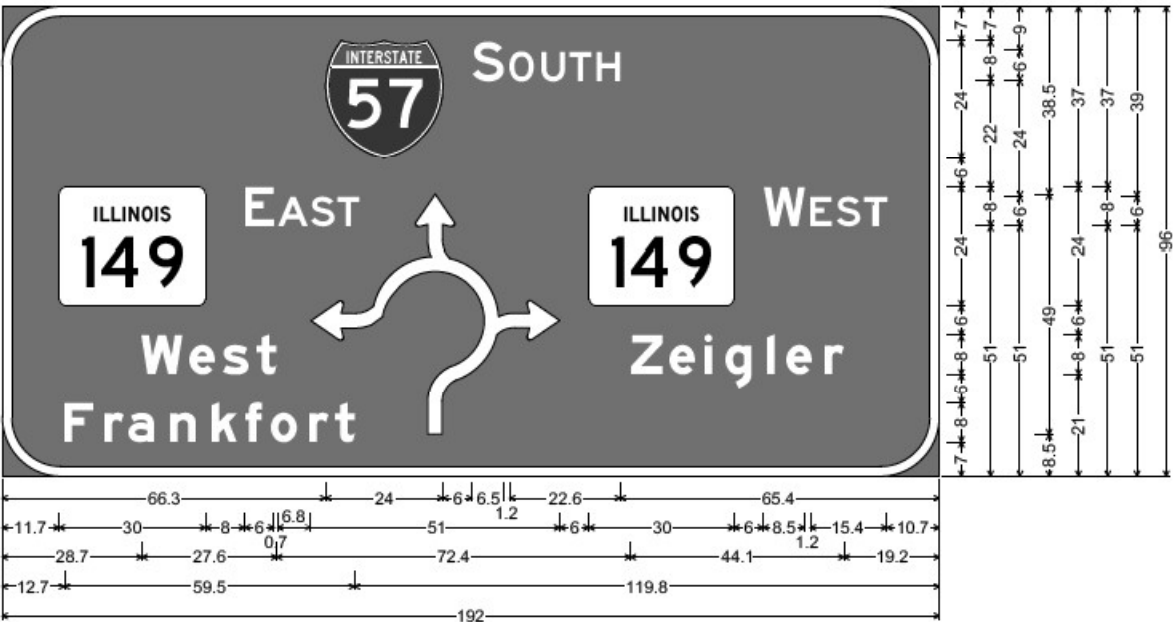
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	100
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

DESTINATION GUIDE 5



12.0" Radius, 2.0" Border, White on Green;
"NORTH", E 2K; "WEST", E 2K; "Zeigler", E Mod 2K; "EAST", E 2K; "West", E Mod 2K;
"Frankfort", E Mod 2K;

DESTINATION GUIDE 6



12.0" Radius, 2.0" Border, White on Green;
"SOUTH", E 2K; "EAST", E 2K; "West", E Mod 2K; "Frankfort", E Mod 2K; "WEST", E 2K;
"Zeigler", E Mod 2K;
Table of widths and spaces

66.3	24.0	6.0	S	6.5	1.2	O	5.0	1.4	U	4.8	1.1	T	4.5	1.0	H	4.8	65.4
11.7	30.0	8.0	E	6.0	0.7	A	6.2	0.6	S	4.9	0.6	T	4.5	-9.9	50.9	6.0	30.0
28.7	8.4	1.2	W	5.3	1.6	s	5.3	1.6	t	4.2	72.4	6.5	1.4	5.3	2.5	1.6	2.5
12.7	6.0	2.1	F	4.0	1.2	r	5.3	3.2	n	5.3	3.2	k	1.6	3.4	1.8	5.4	2.5

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USER NAME	= Jared.Harp	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVIS	-
PLOT SCALE	= 0.16666633" / in.	CHECKED	-	REVISED	-
PLOT DATE	= 5/16/2023	DATE	-	REVISED	-

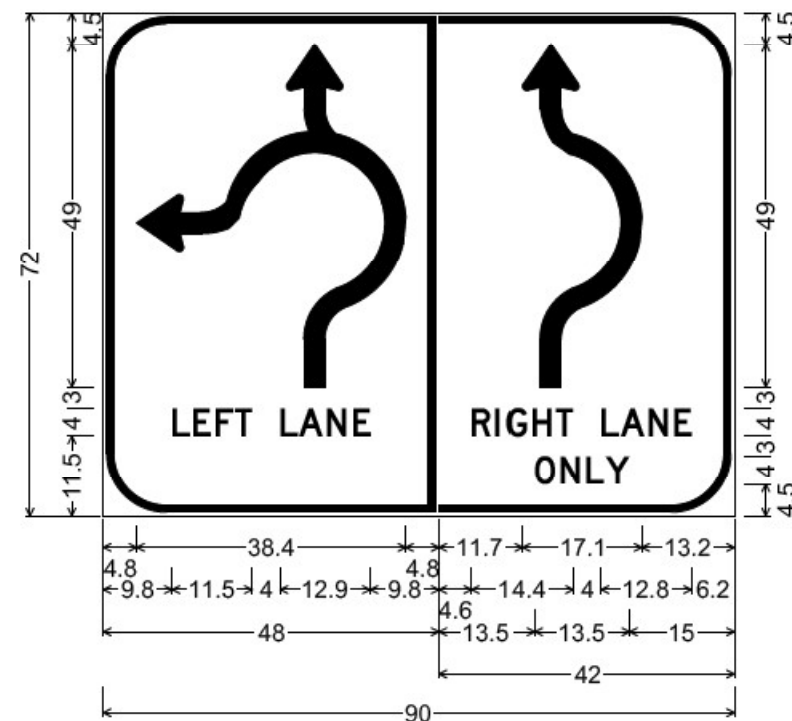
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE:SCALE SHEET 0 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	101
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

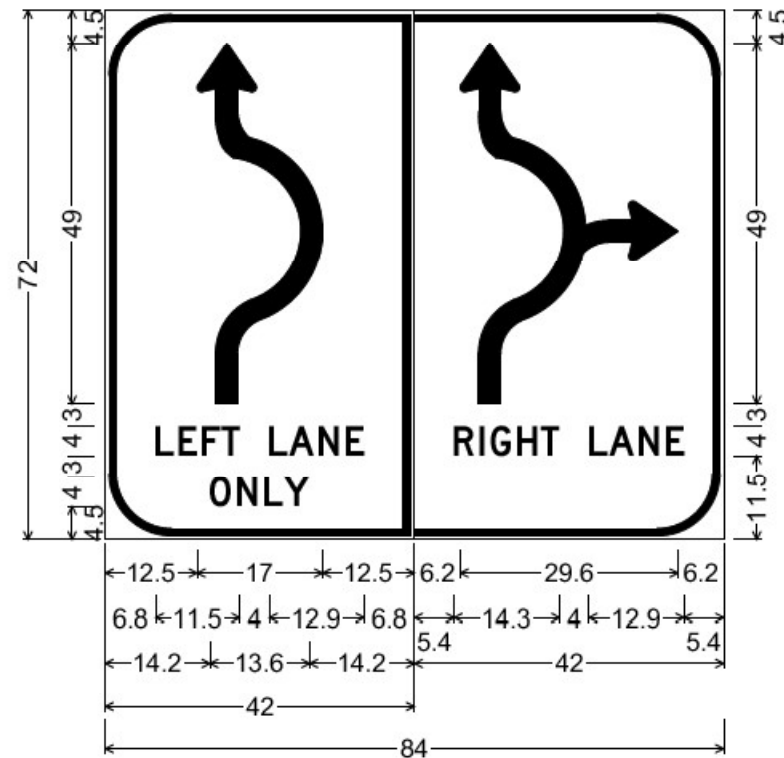
LANE SIGN 1



9.0" Radius, 1.0" Border, 0.5" Indent, Black on White;
"LEFT LANE", D 2K;

9.0" Radius, 1.0" Border, 0.5" Indent, Black on White;
"RIGHT LANE", D 2K; "ONLY", D 2K;

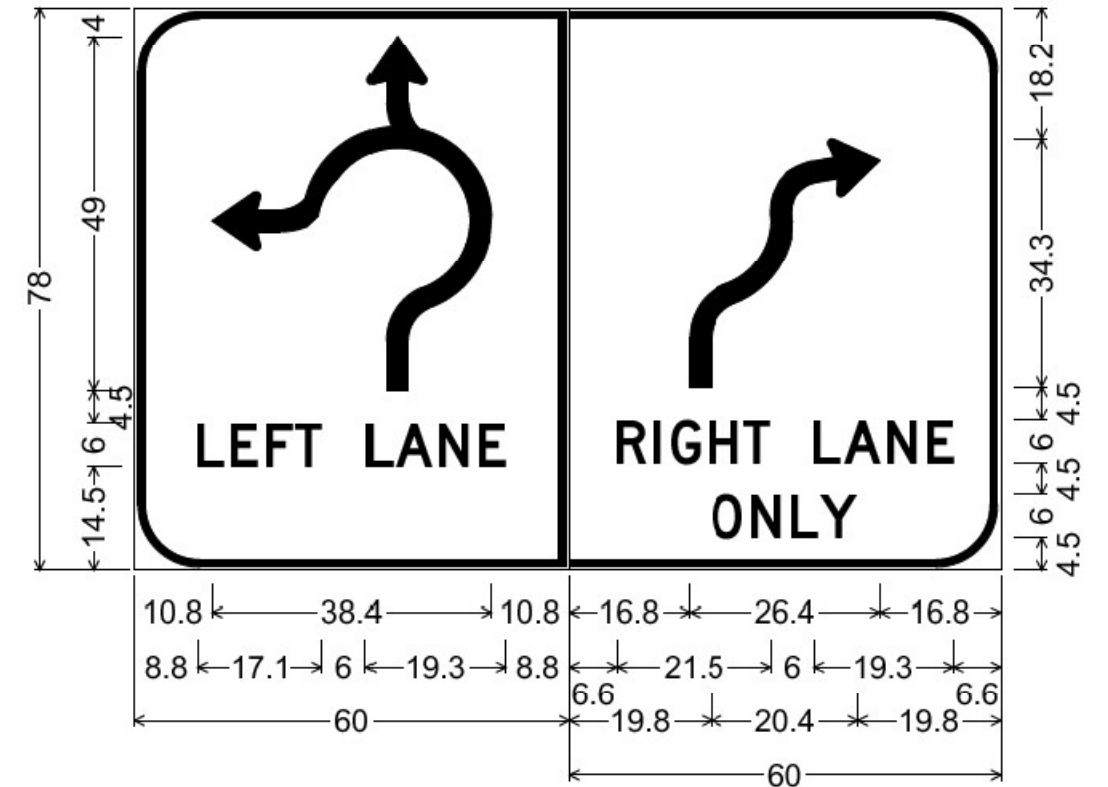
LANE SIGN 2



9.0" Radius, 1.0" Border, 0.5" Indent, Black on White;
"LEFT LANE", D 2K; "ONLY", D 2K;

9.0" Radius, 1.0" Border, 0.5" Indent, Black on White;
"RIGHT LANE", D 2K;

LANE SIGN 3

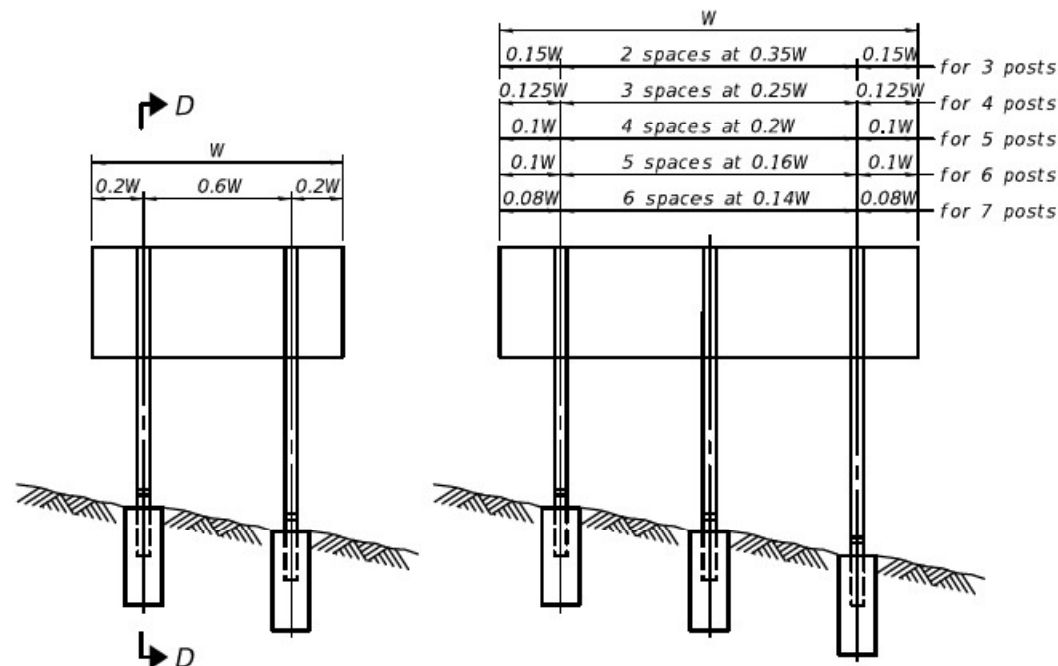


9.0" Radius, 1.0" Border, 0.5" Indent, Black on White;
"LEFT LANE", D 2K;

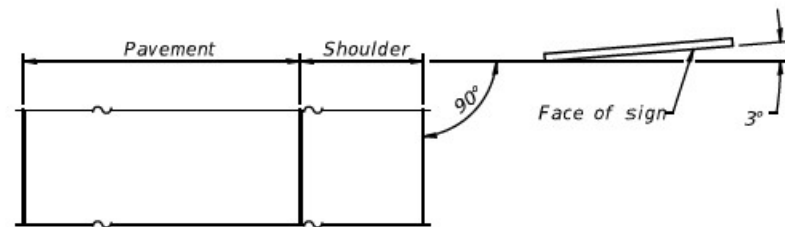
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"RIGHT LANE", D 2K; "ONLY", D 2K;

Table of distances between letter and object lefts

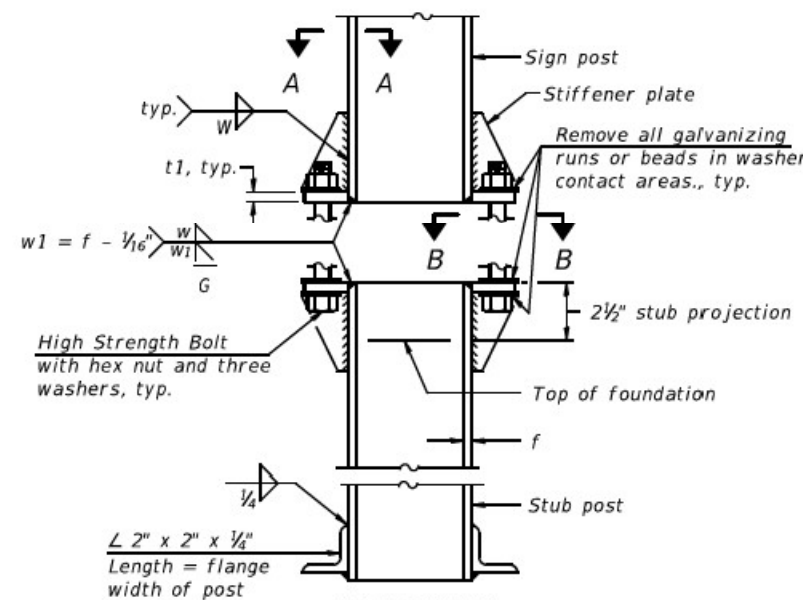
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8.8	L 4.6	E 4.7	F 4.1	T 9.7	L 4.1	A 6.0	N 5.5	E 3.7	8.8	
16.8		26.4	16.8							
6.6	R 5.1	I 2.3	G 5.4	H 5.0	T 9.7	L 4.1	A 6.0	N 5.5	E 3.7	6.6
19.8	O 5.6	N 5.5	L 4.1	Y 5.2	19.8					



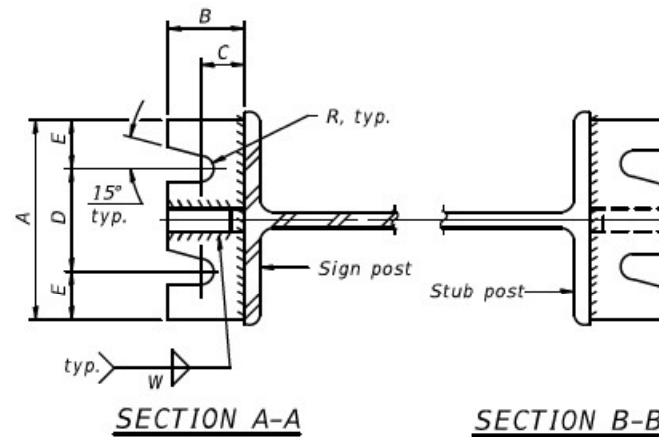
ELEVATION



LOCATION SKETCH



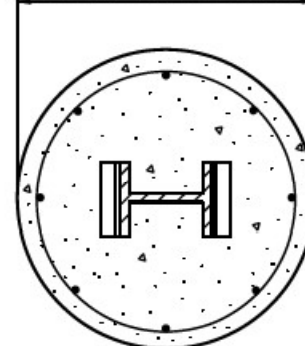
ELEVATION
SIGN POST & STUB POST



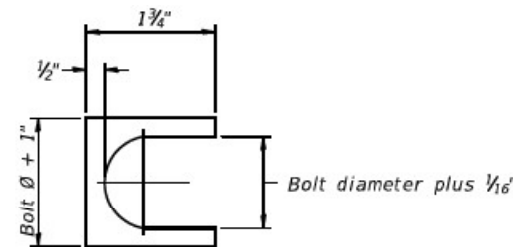
SECTION A-A

SECTION B-B

(See table for dimensions.)

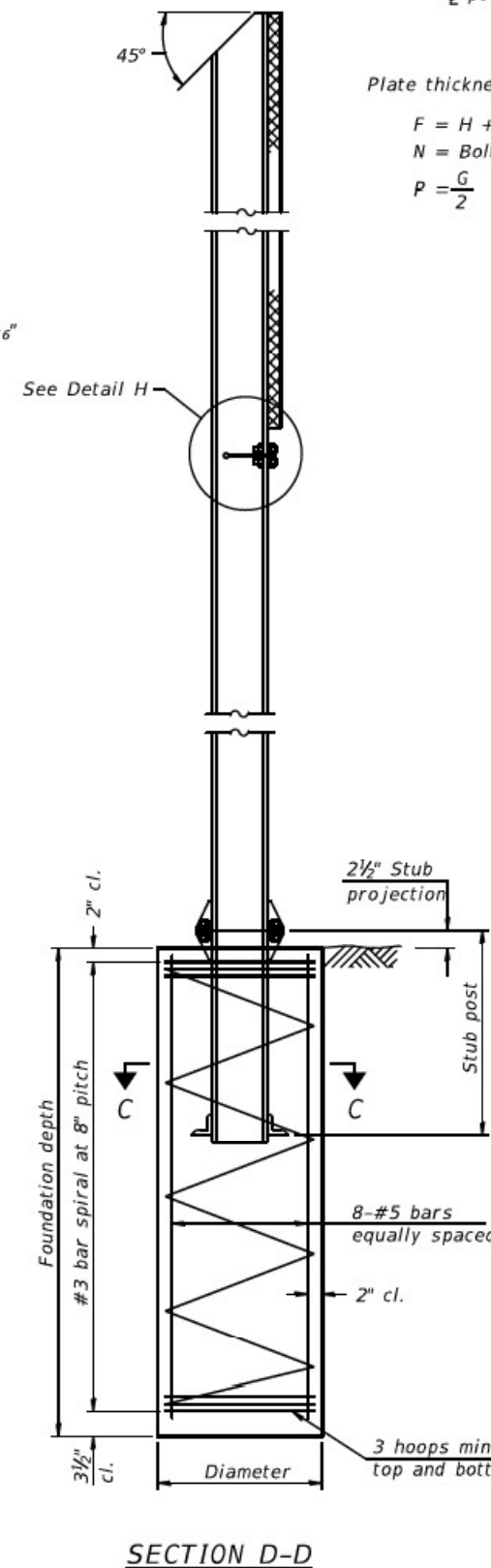


SECTION C-C

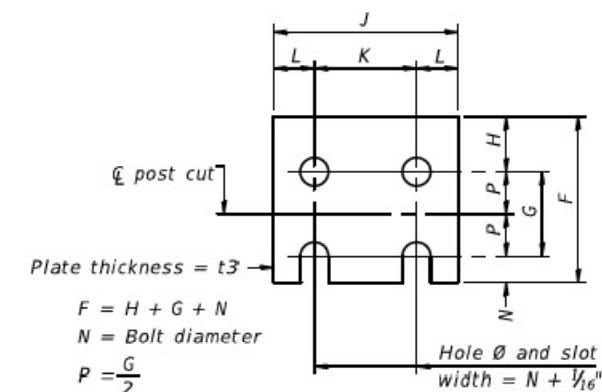


SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

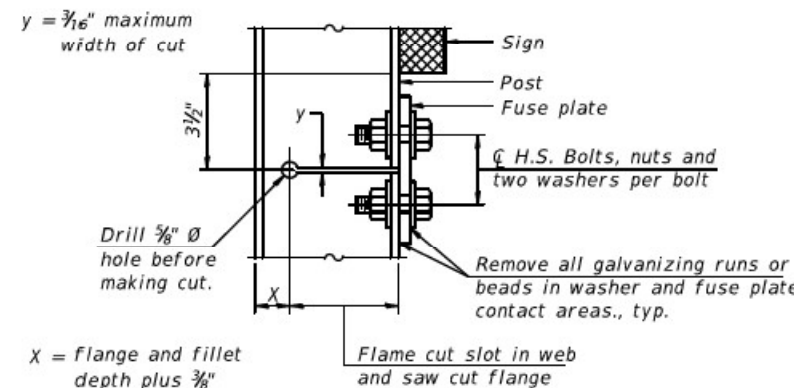


SECTION D-D



FUSE PLATE DETAIL
(Install with notches down.)

FUSE PLATE DATA		
N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"



DETAIL H

STIFFENER PLATE DETAIL
Diameter

GENERAL NOTES

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:
Structural steel - 20,000 p.s.i.
Reinforcing steel - 20,000 p.s.i.
Concrete - 1,400 p.s.i.
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

BAW-A-1

2-17-2017

USER NAME = Jared,Harp	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 5/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BREAK-AWAY WIDE FLANGE
STEEL SIGN POST DETAILS

SCALE: 1"=5' SHEET 0 OF 1 SHEETS STA. ____ TO STA. ____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	103
CONTRACT NO. 78814				

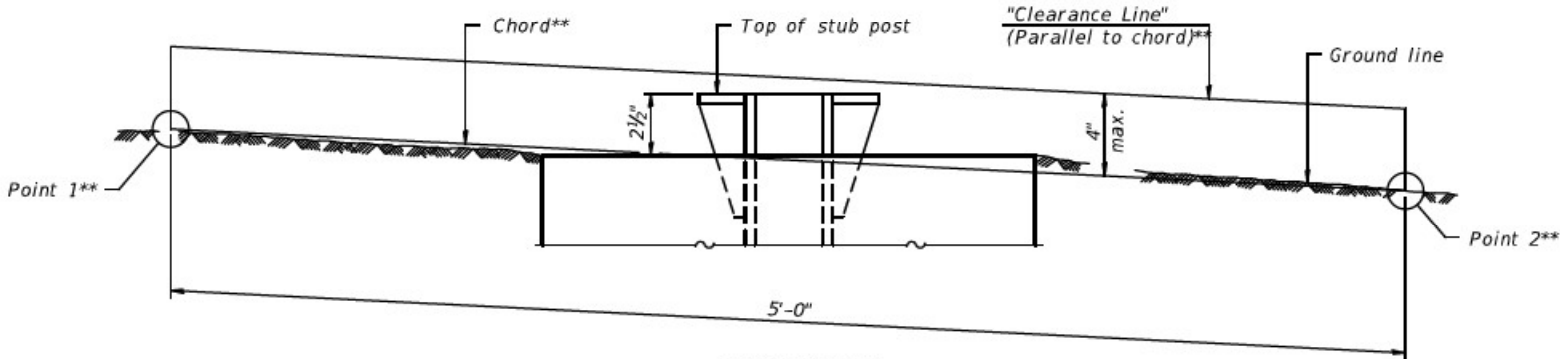
ILLINOIS FED. AID PROJECT

MODEL: Break_Away_Post_1 (Sheet)
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POST	CONCRETE FOUNDATION TABLE								POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA			
	Foundation			Reinforcement				Stub Post	Bolt Size	A	B	C	D	E	t1	t2	R	W	J	K	L	t3
	Diameter*	Minimum Depth	Concrete (cu. yds.) ①	Vertical Bars		Bar Spirals																
				Length	Diameter	Length	Length															
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-3"														
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-6"	⅝" x 3¼"	6"	2¼"	1¼"	3½"	1¼"	¾"	½"	1½ ₃₂ "	¼"	6"	3½"	1¼"	⅞"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-6"	¾" x 3¾"	6"	2½"	1⅞"	3¼"	1⅞"	1"	½"	1⅝ ₃₂ "	⅝ ₁₆ "	5¼"	2¾"	1¼"	⅞"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2½"	105'-0"	92	3'-0"	¾" x 3¾"	6"	2½"	1⅞"	3¼"	1⅞"	1"	½"	1⅝ ₃₂ "	⅝ ₁₆ "	5¾"	2¾"	1½"	½"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2½"	112'-0"	98	3'-0"	⅞" x 4"	7"	2¾"	1½"	4"	1½"	1"	¾"	1⅝ ₃₂ "	⅞"	5¾"	2¾"	1½"	⅝"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2½"	119'-0"	107	3'-0"	⅞" x 4"	7"	2¾"	1½"	4"	1½"	1"	¾"	1⅝ ₃₂ "	⅞"	6½"	3½"	1½"	⅝"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8½"	145'-0"	113	3'-0"	⅞" x 4"	7"	2¾"	1½"	4"	1½"	1"	¾"	1⅝ ₃₂ "	⅞"	6¾"	3½"	1⅞"	½"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8½"	153'-0"	122	3'-6"	1" x 4½"	7½"	3"	1¾"	4"	1¾"	1¼"	¾"	1⅞ ₃₂ "	⅞"	6¾"	3½"	1⅞"	½"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8½"	162'-0"	130	3'-6"	1" x 4½"	7½"	3"	1¾"	4"	1¾"	1¼"	¾"	1⅞ ₃₂ "	⅞"	7"	3½"	1¾"	½"

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE																				
	Sign Height																				
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"
W6x9	½" x 1½"	½" x 1½"	½" x 1½"	½" x 1½"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
W6x15	½" x 1¾"	½" x 1¾"	½" x 1¾"	⅝" x 2"	⅝" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	—	—	—	—	—	—	—	—	—	—	—
W8x18	½" x 1¾"	½" x 1¾"	½" x 1¾"	½" x 1¾"	⅝" x 2"	⅝" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	—	—	—	—	—	—	—	—	—	—
W10x22	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2"	⅝" x 2"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	—	—	—	—	—	—	—	—
W10x26	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	—	—	—	—	—	—	—
W12x26	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	—	—	—	—	—	—
W14x30	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2"	⅝" x 2"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	—	—	—	—	—
W14x38	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"
W16x45	—	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"



ELEVATION

GROUND LINE & STUB POST

** For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

- ① Quantity includes all concrete necessary for one foundation.
- ② Includes reinforcement bars and spiral hooping for one foundation.

BAW-A-2

2-17-2017

USER NAME = Jared,Harp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2023	DATE -	REVISED -

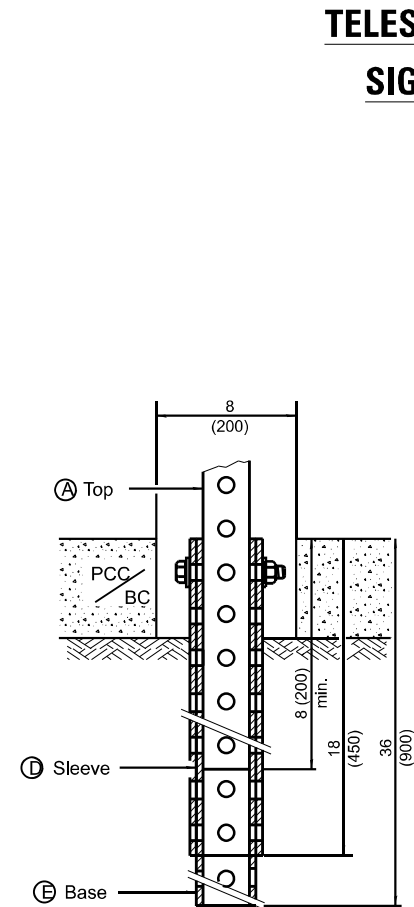
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BREAK-AWAY WIDE FLANGE
STEEL SIGN POST DETAILS

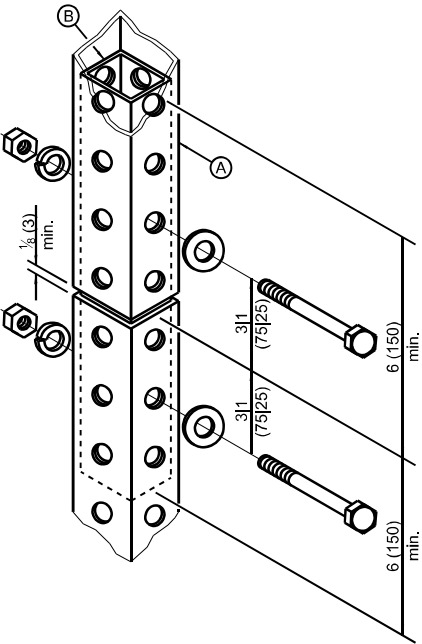
SCALE: 1"=5' SHEET 0 OF 1 SHEETS STA. ____+____ TO STA. ____+____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	104
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

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INTENTIONALLY
LEFT BLANK

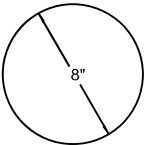


PAVEMENT MOUNT DETAIL



SPLICE DETAIL

Core
Diameter / Depth



A	2 x 2 x var. (51 x 51 var.)
B	1 3/4 x 1 3/4 x 12 (44 x 44 x 300)
C	2 1/4 x 2 1/4 x 60 (57 x 57 x 1500)
D	2 1/2 x 2 1/2 x 18 (64 x 64 x 450)
E	2 1/4 x 2 1/4 x 36 (57 x 57 x 900)

GENERAL NOTES

All bolts 3/8" (M10) hex head zinc or cadmium plated.

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

DRAWN	11/22/2022
REVISED	
REVISED	
REVISED	

STD. 9-29

MODEL: Telescoping_Sign_Support_L1 (Sheet)
FILE NAME: p:\projects\78814\DOT Documents\DOT Office\Detail\9-29\Project\78814\CAD Data\CAD Details\092981-4-SignDetail_L1 Detail_9-29.dgn

USER NAME	= Jared.Harp	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVISED	-
PLOT SCALE	= 0.16666633" / in.	CHECKED	-	REVISED	-
PLOT DATE	= 5/16/2023	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL: TELESCOPING STEEL SIGN SUPPORT

SCALE:SCALE SHEET 0 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	105
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

LIGHTING LEGEND

-  PROPOSED LIGHTING UNIT ALUMINUM
40' M.H., 15' D.A., LED LUMINAIRE WITH
15" B.C. ON 8-5/8" X 6' METAL FOUNDATION AND
BREAKAWAY COUPLINGS WITH STAINLESS STEEL SCREEN
-  PROPOSED LIGHTING CONTROLLER, BASE MOUNTED,
240/480V, 100 AMP, 1-PHASE, 3-WIRE
-  PROPOSED ELECTRIC SERVICE
-  PROPOSED UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND,
(XLP-TYPE USE), 1" DIA. POLYETHYLENE
-  EXISTING TENON MOUNT LIGHTING UNIT TO REMAIN
-  EXISTING TENON MOUNT LIGHTING UNIT TO BE REMOVED, FOUNDATION
TO BE REMOVED
-  EXISTING LIGHTING CONTROLLER TO BE REMOVED
-  EXISTING LIGHTING CABLE TO BE REMOVED

GENERAL NOTES:

1. ALL SETBACKS ARE MEASURED FROM EDGE OF PAVEMENT.

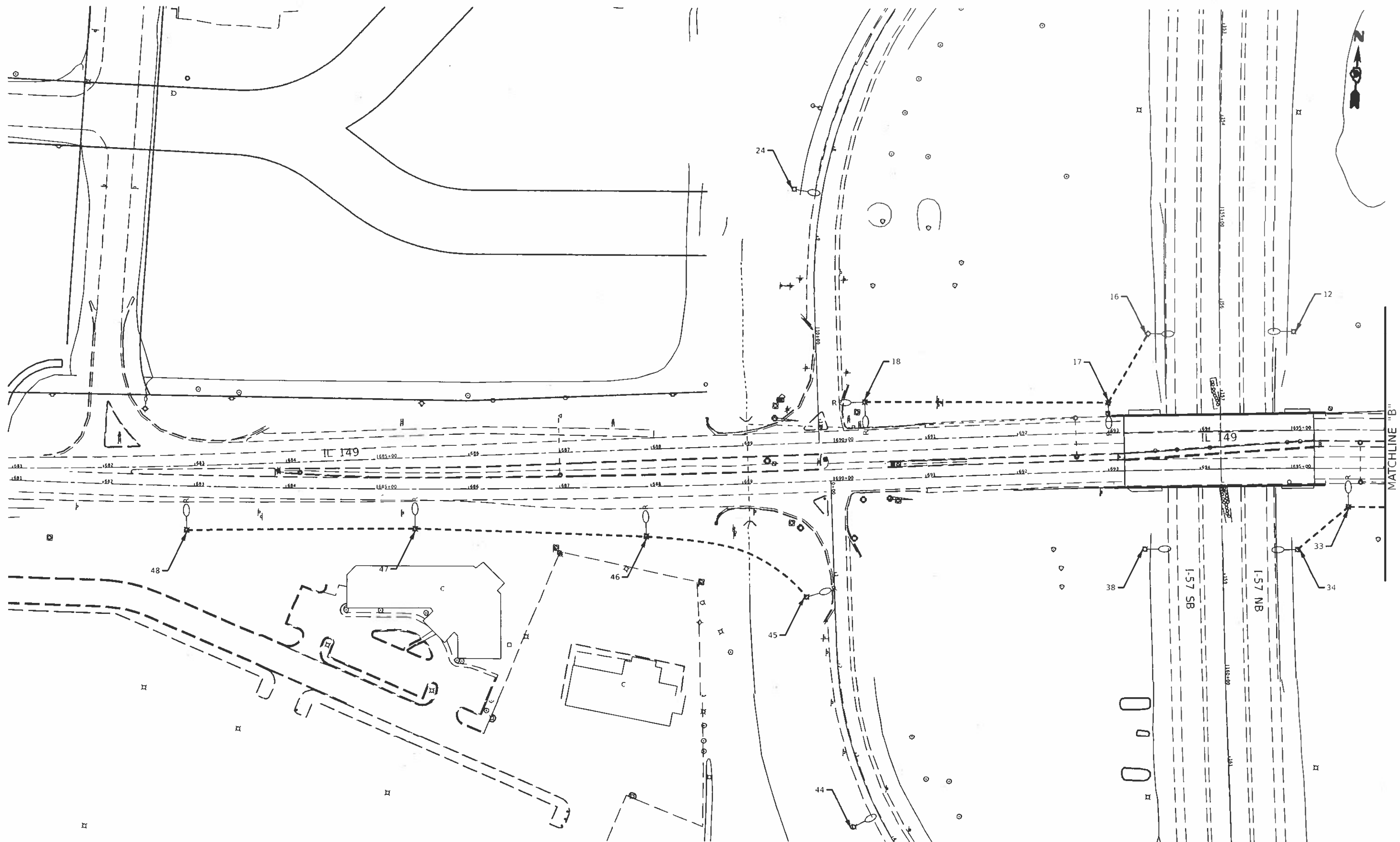
HIGHWAY STANDARDS

- 821101-02 LUMINAIRE WIRING IN POLE
- 825026-04 LIGHTING CONTROLLER, BASE MOUNTED, 480V
- 830006-05 LIGHT POLE ALUMINUM DAVIT ARM
- 830021-03 LIGHT POLE STEEL TENON TOP
- 836001-04 LIGHT POLE FOUNDATION
- 838001-01 BREAKAWAY DEVICES

INDEX OF SHEETS

- 1 LIGHTING LEGEND, GENERAL NOTES, & LIGHTING INDEX OF SHEETS
- 2 TO 3 PROPOSED LIGHTING PLANS
- 4 TO 5 LIGHTING REMOVAL PLANS
- 6 LUMINAIRES PERFORMANCE TABLE
- 7 WIRING DIAGRAMS
- 8 TO 11 ELECTRICAL DETAILS

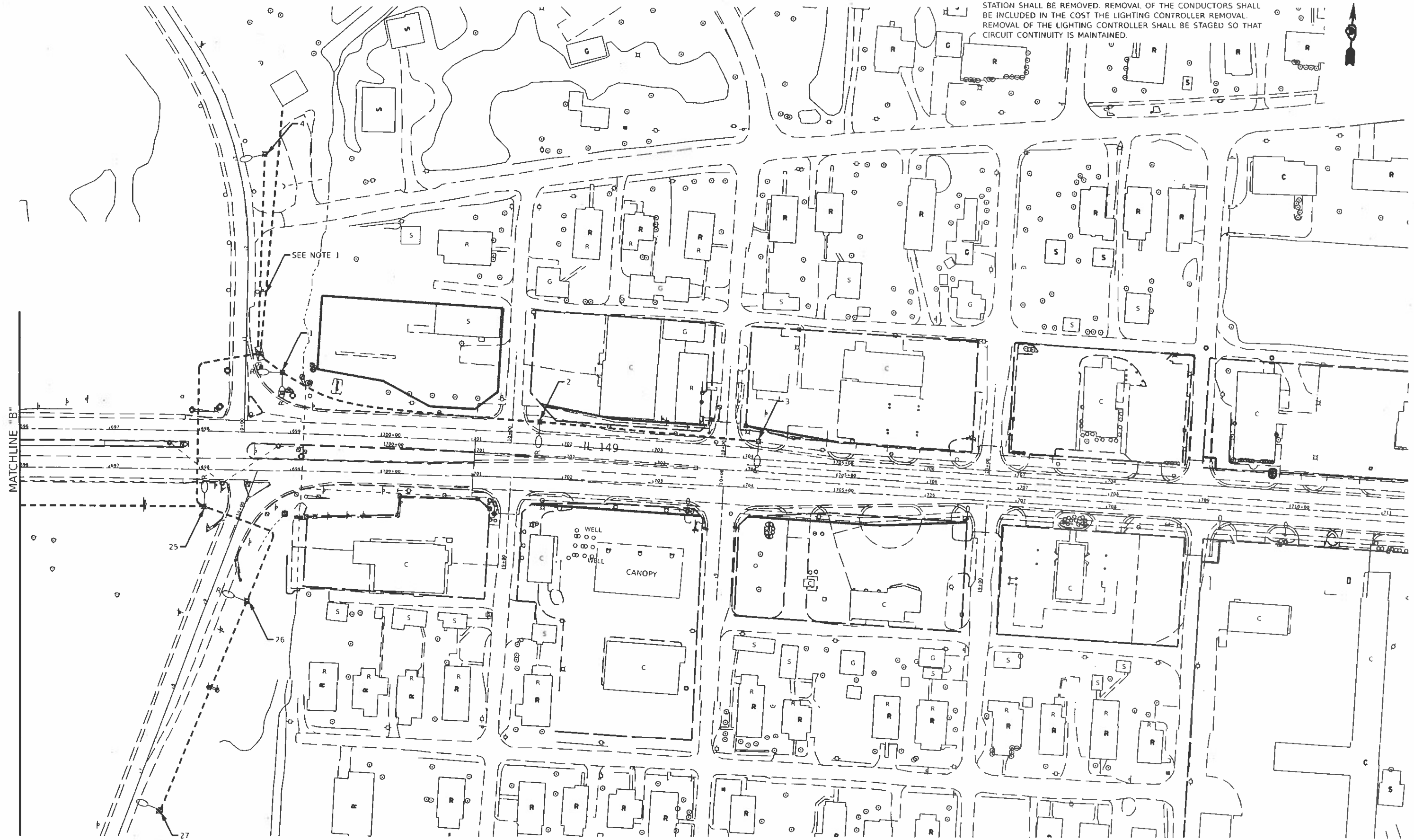
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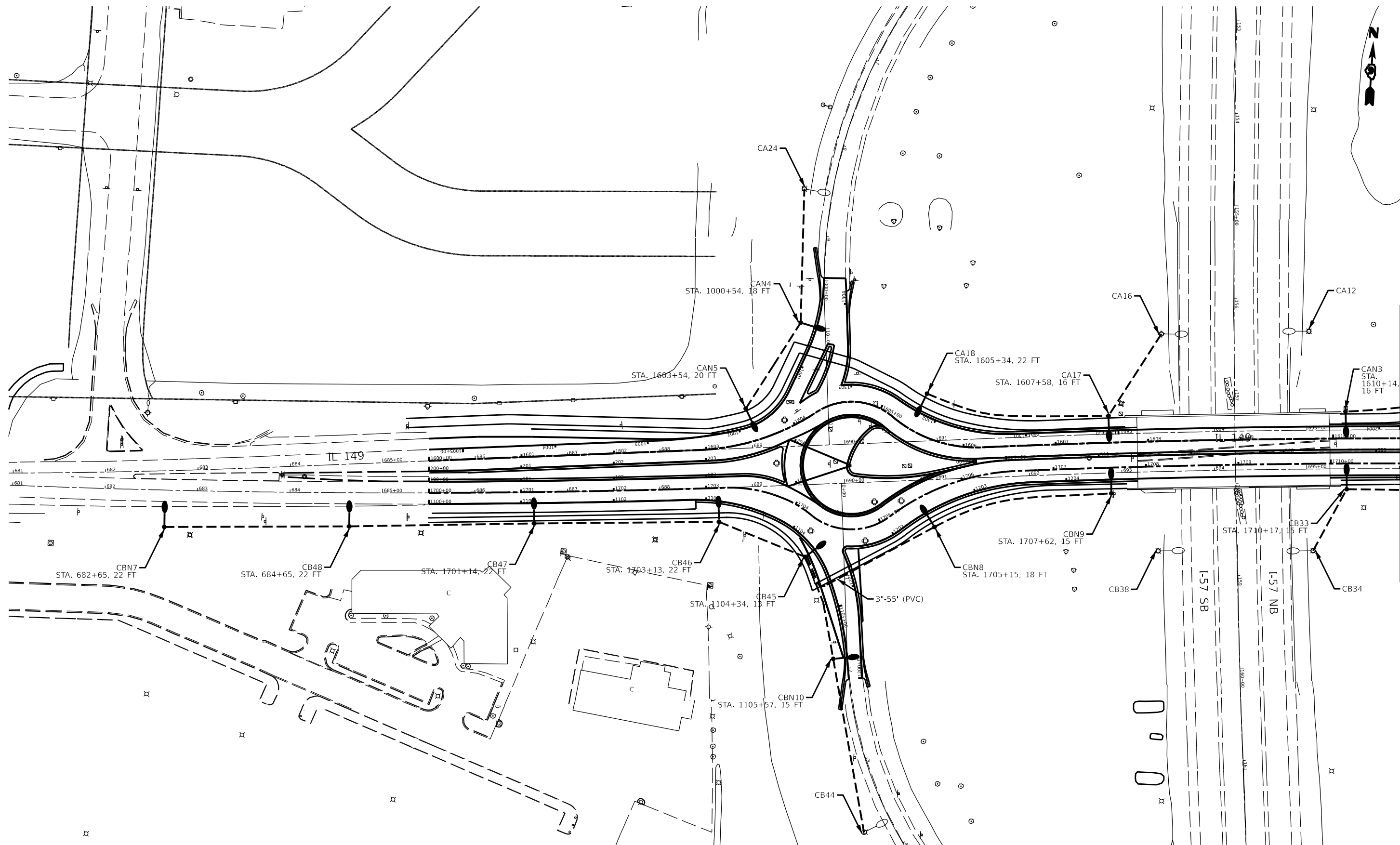
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	PLOT SCALE * #SCALE#	CHECKED -	REVISED -									
	PLOT DATE * #DATE#	DATE -	REVISED -						CONTRACT NO. 78814			
					SCALE: 1"=50'	SHEET 2 OF 11 SHEETS	STA.	TO STA.	ILLINOIS/TEO. AND PROJECT			

NOTES:

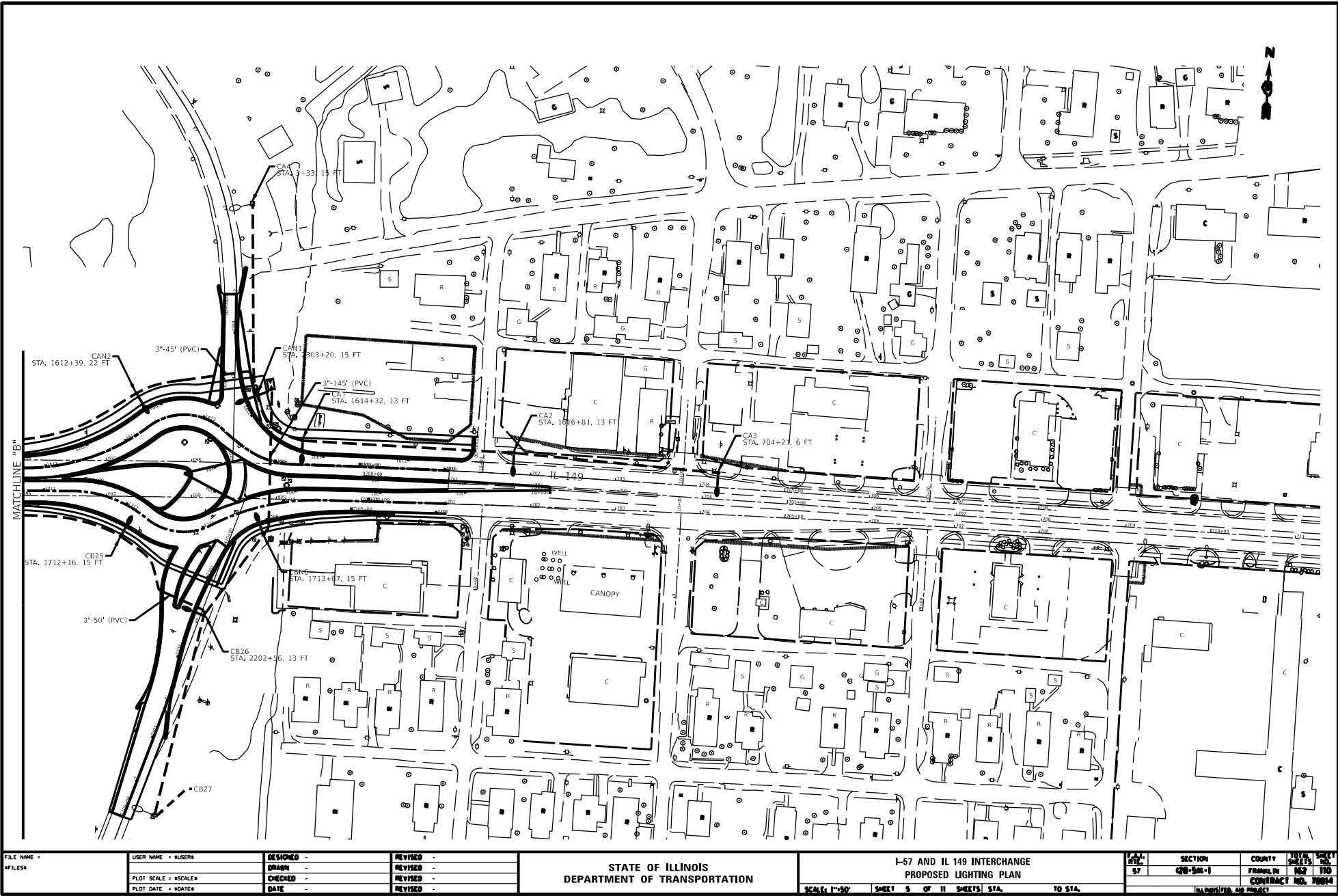
1. THE EXISTING LIGHTING CONTROLLER IS FED FROM THE EXISTING PUMP STATION. THE LIGHTING CONTROLLER AND CONDUCTORS TO THE PUMP STATION SHALL BE REMOVED. REMOVAL OF THE CONDUCTORS SHALL BE INCLUDED IN THE COST THE LIGHTING CONTROLLER REMOVAL. REMOVAL OF THE LIGHTING CONTROLLER SHALL BE STAGED SO THAT CIRCUIT CONTINUITY IS MAINTAINED.



FILE NAME * #FILES#	USER NAME * #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 AND IL 149 INTERCHANGE LIGHTING REMOVAL PLAN			P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FILE NAME - \$FILES\$	USER NAME - \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 AND IL 149 INTERCHANGE PROPOSED LIGHTING PLAN				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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	PLOT DATE - \$DATE\$	DATE -	REVISED -												



LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION I

Project

Date	Contract Number	Section Number	County
03-15-2023	78814		FRANKLIN
Marked Route Number		Municipality	

Roadway

Lane Width	*of Lanes	Median Width	I.E.S Surface Classification	0-Zero Value
12 ft	1	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set Back	Number of Luminaires (Highmast & Sign Lighting Only)
40 ft	15 ft	15 ft	N/A

Luminaire

Description	I.E.S. Transverse Distribution	I.E.S. Lateral Distribution	
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION I	TYPE II	SHORT/MEDIUM	
Total Light Loss Factor (LLF)	BUG Rating	Shields	Dimming Protocol
0.7	U = 0	N/A	0-10V

Layout

Spacing (to Nearest 5 Ft) Configuration (Opposite, Staggered, 1 Sided, or Median)	
210 ft	1 Sided

Performance

Average Illuminance, E _{AVE} (fc)	Uniformity Ratio, E _{AVE} /E _{MIN}		
≥ 1.6	≤ 3.0:1		
Average Luminance, L _{AVE} (cd/m ²)	Uniformity Ratio, L _{AVE} /L _{MIN}	Uniformity Ratio, L _{MAX} /L _{MIN}	Veiling Luminance Ratio, L _V /L _{MIN}
≥ 1.9	≤ 3.0:1	≤ 6.0:1	≤ 0.3:1

Light Tressspass

Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, E _H	Max. Vertical Illuminance at ROW, E _V
N/A	N/A	N/A

Notes

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

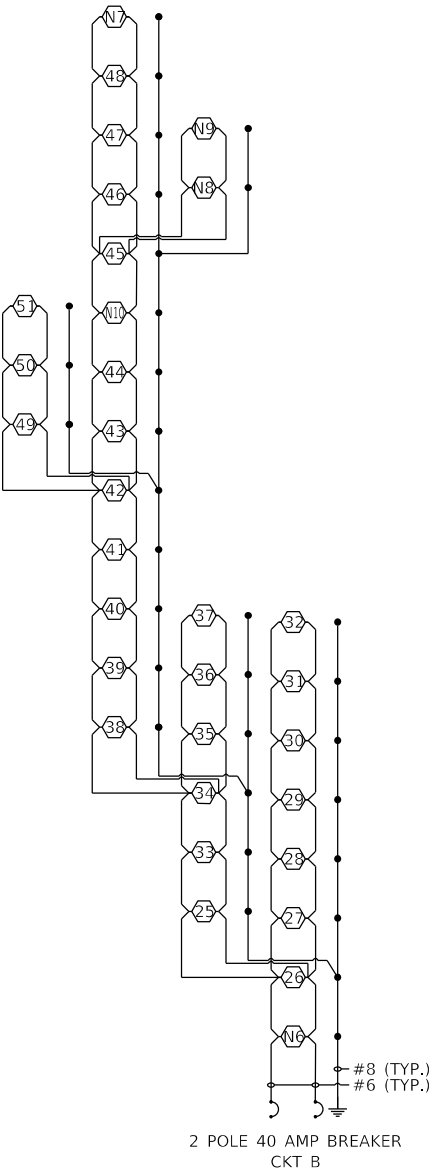
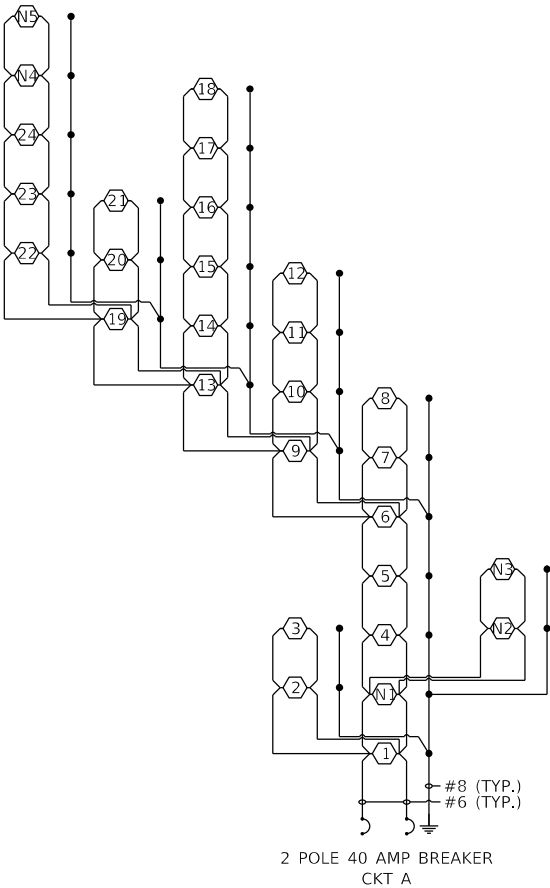
NOTES:

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

⬡ ROADWAY LUMINAIRE, LED

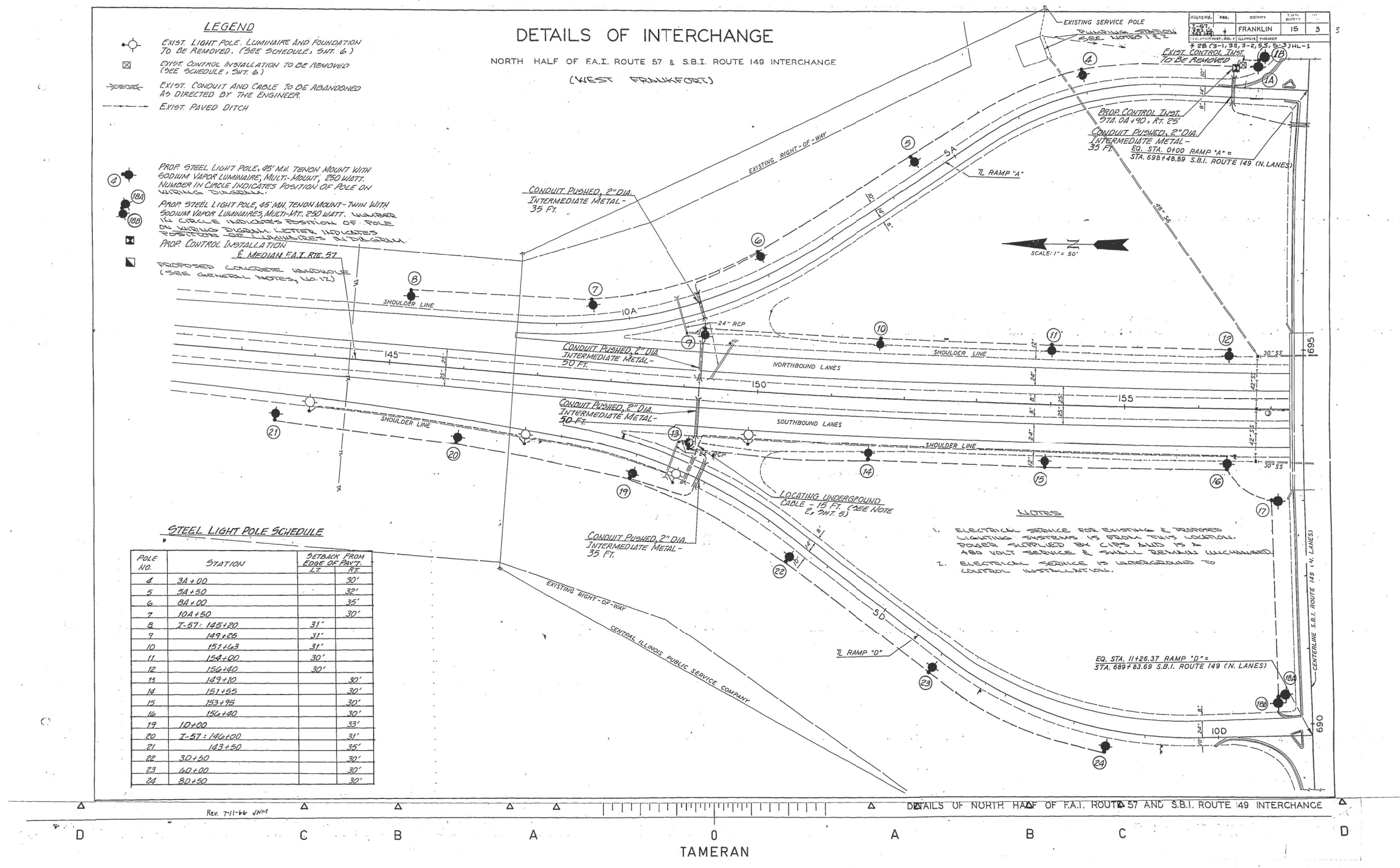
⬤ GROUND ROD

N# NEW POLE

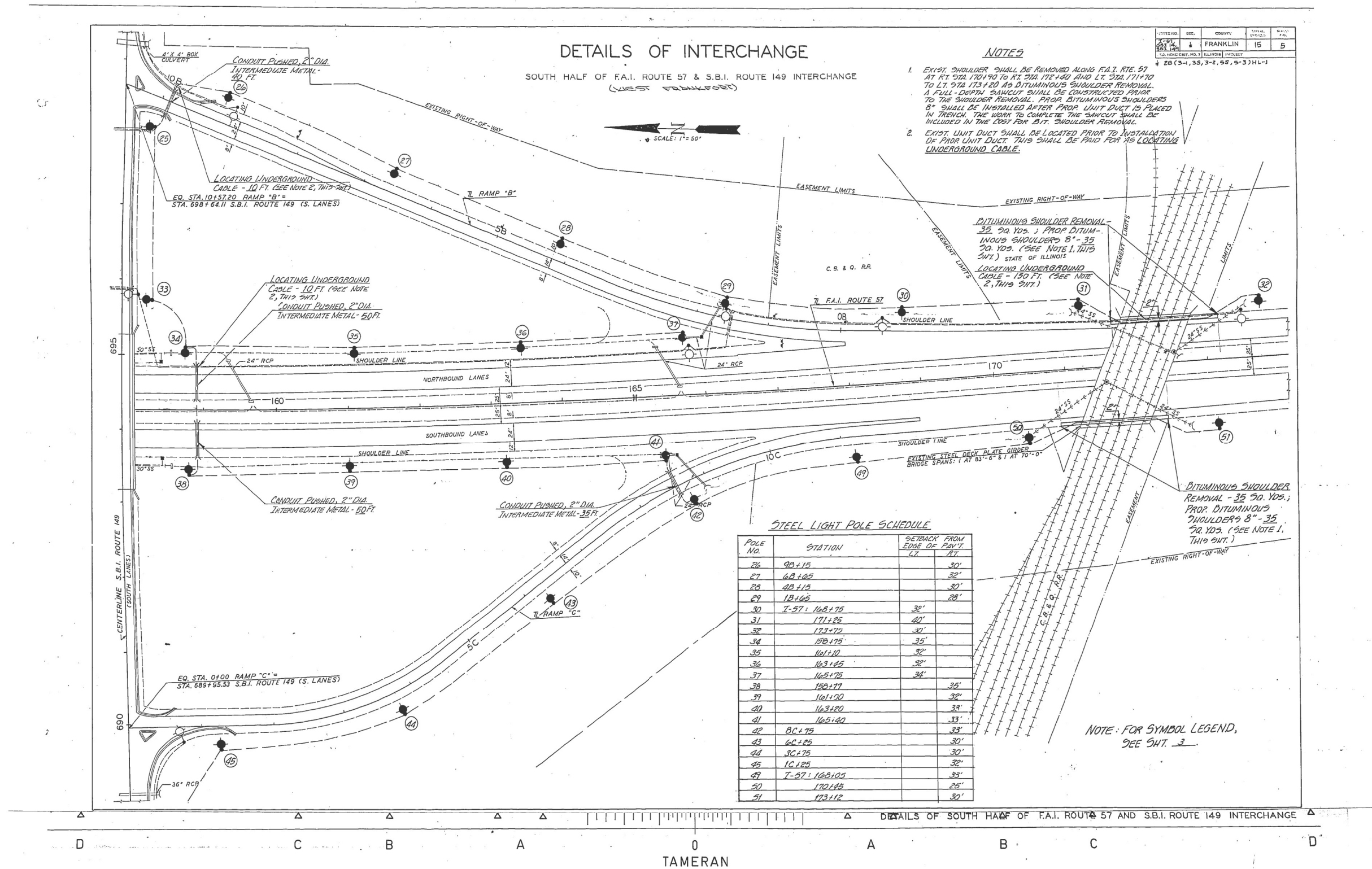


PROPOSED LIGHTING CONTROLLER
BASE MOUNTED, 480 VOLT, 100 AMP

FILE NAME = D978814-LightDetail-02.dgn	USER NAME = Christopher.Russell	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 AND IL 149 INTERCHANGE WIRING DIAGRAMS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -				CONTRACT NO. 78814				
	PLOT DATE = 5/17/2023	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE: NONE		SHEET 7 OF 11 SHEETS		STA.		TO STA.					



FOR INFORMATION ONLY



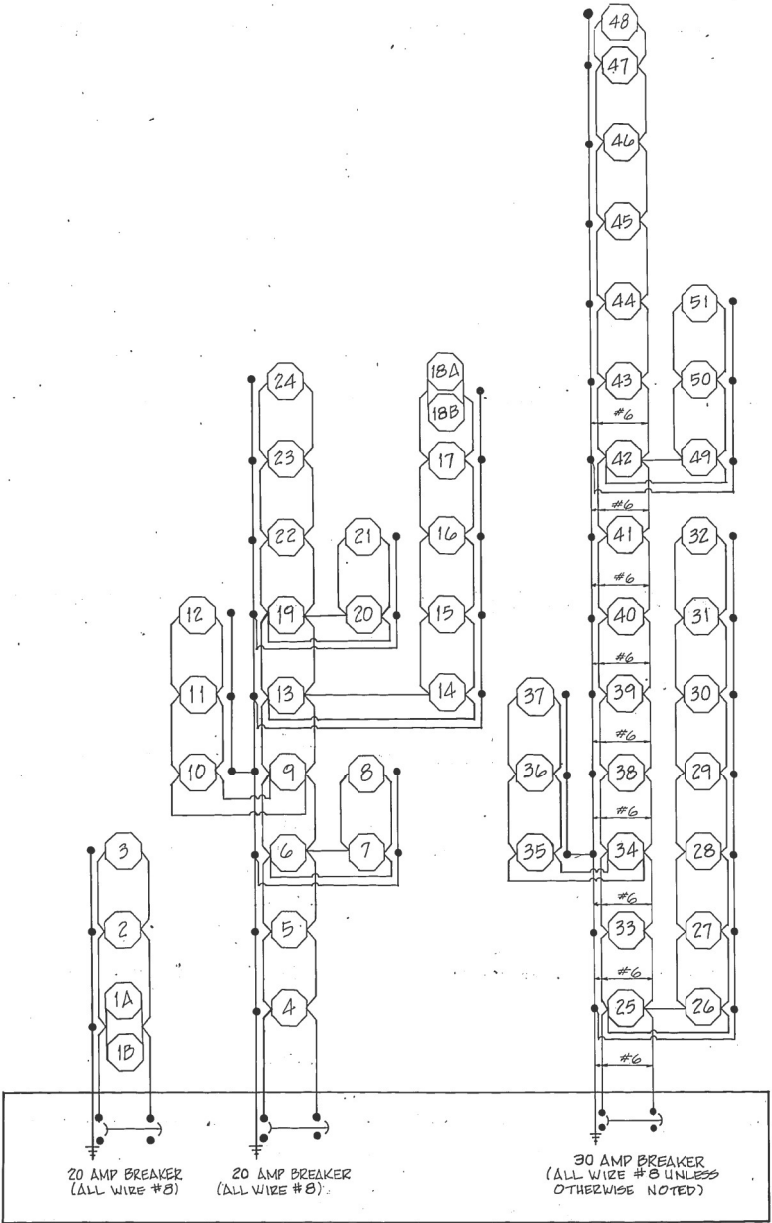
FOR INFORMATION ONLY

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
I-57, 503 14, 501 144	*	FRANKLIN	15	6
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT		
* 20 (3-1, 35, 3-2, 55, 5-3) HL-1				

REMOVAL SCHEDULE
(WEST FRANKFORT)

QUANT.	UNIT	ITEM
1	EACH	CONTROL INSTALLATION
20	EACH	LIGHT POLE WITH LUMINAIRE
20	EACH	LIGHT POLE FOUNDATION

NOTE: ALL EXIST. CONDUIT AND WIRING FOR LIGHTING TO BE
ABANDONED AS DIRECTED BY THE ENGINEER. THIS WORK
SHALL BE PAID FOR AS MAINTENANCE AND REMOVAL
OF EXISTING LIGHTING SYSTEM COMPLETE.



WIRING DIAGRAM
(W. FRANKFORT)

DETAIL WIRING DIAGRAM (W. FRANKFORT); REMOVAL SCHEDULE (W. FRANKFORT)

FOR INFORMATION ONLY

FILE NAME = D978814-LightDetail-06.dgn	USER NAME = Christopher.Russell	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 AND IL 149 INTERCHANGE ELECTRICAL DETAILS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 78814				
	PLOT DATE = 5/17/2023	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
					SCALE: NONE	SHEET 11 OF 11 SHEETS	STA.	TO STA.				

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

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

Prior to pouring the new concrete at the abutment joints, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

Protective coat shall be applied to all new concrete surfaces on bridge parapet areas, concrete overlay, and bridge approach slabs. Seasonal limits for application shall not apply.

Synthetic fibers shall be added to the Bridge Deck Microsilica Concrete Overlay, see Special Provisions.

The reference line for stationing on this project follows the original construction survey line of the bridge and coincides with the outer edge of the traffic lane.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.

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

The organic zinc-rich/ Epoxy/ Urethane paint system shall be used for shop and field painting. The color for the final finish coat on Parapet, Bicycle, and Bridge Fence Railing shall be black, Munsell Number N1. See Setion 506 of the Standard Specifications for "Cleaning and Painting New Steel Structures".

TOTAL BILL OF MATERIAL

PAY ITEM	UNIT	QUANTITY
Protective Coat	Sq. Yd.	2,287
Median Removal	Sq. Ft.	1,504
Concrete Removal	Cu. Yd.	22.6
Protective Shield	Sq. Yd.	277
Floor Drains	Each	2
Concrete Structures	Cu. Yd.	40.7
Concrete Superstructure	Cu. Yd.	68.1
Bridge Deck Grooving	Sq. Yd.	1,615
Concrete Superstructure (Approach Slab)	Cu. Yd.	130.2
Reinforcement Bars, Epoxy Coated	Pound	66,080
Bar Splicers	Each	244
Bicycle Railing	Foot	44
Bridge Fence Railing	Foot	416
Parapet Railing	Foot	250
Preformed Joint Strip Seal	Foot	157
Temporary Concrete Barrier	Foot	250
Pinning Temporary Concrete Barrier	Each	12
Approach Slab Removal	Sq. Yd.	293
Bridge Deck Scarification, $\frac{3}{4}$ "	Sq. Yd.	1,734
Bridge Deck Microsilica Concrete Overlay, $2\frac{3}{4}$ "	Sq. Yd.	1,734
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	10
Drain Scuppers, DS-11	Each	4
Parapet Mounted Bridge Lighting System	Lump Sum	1

* On New Concrete Areas As Well As Joints

BRIDGE REPAIRS

IL. RTE. 149 OVER F.A.I. RTE. 57

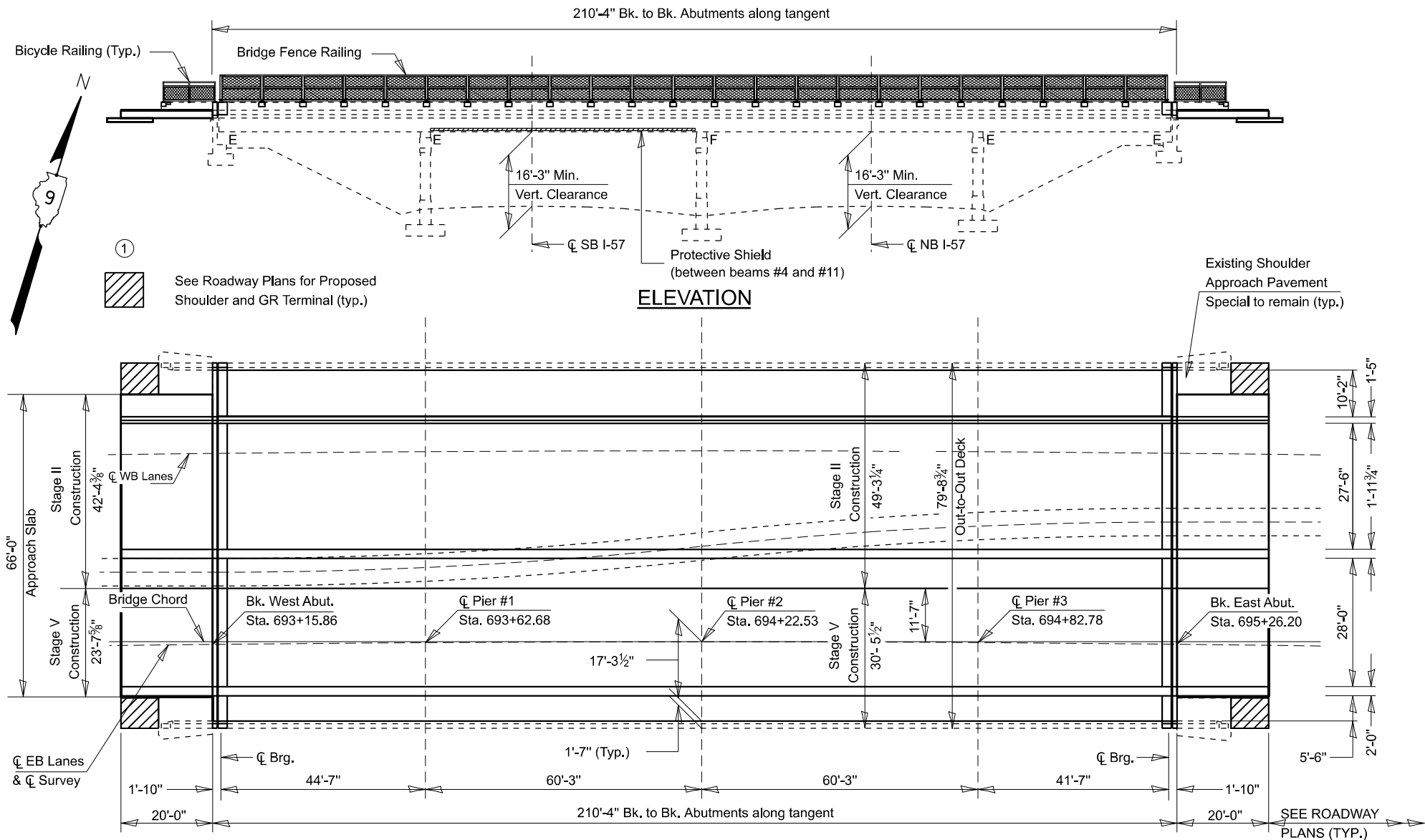
F.A.I. ROUTE 57 SECTION 28-5(K-1)

FRANKLIN COUNTY

STATION 157+85.75 (F.A.I. RTE. 57)

STATION 694+22.53 (IL. RTE. 149)

STRUCTURE NO. 028-0039



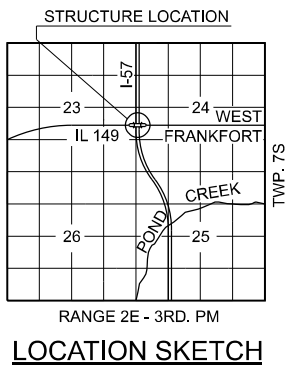
PLAN

DESIGN STRESSES - NEW CONSTRUCTION

$f_c = 3,500$ psi
 $f_y = 60,000$ psi

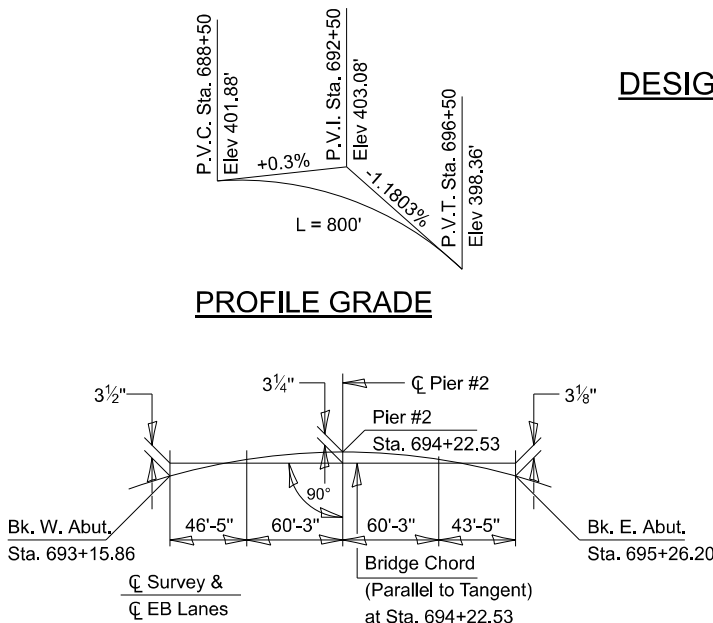
SCOPE OF WORK

JOINT RECONSTRUCTION AT BOTH ABUTMENTS
FULL DEPTH DECK SLAB REPAIRS TO REMOVE & REPLACE
DRAINAGE SCUPPERS AND FLOOR DRAINS
REMOVE AND REPLACE CONCRETE MEDIAN
CONSTRUCT NEW PARAPET WITH OUTWARD
FACING LIGHTING FOR A MULTI-USE PATH
MICROSILICA CONCRETE OVERLAY
INSTALL RAILINGS ON TOP OF EXISTING
AND NEW PARAPETS
REMOVE & REPLACE BRIDGE APPROACH SLABS

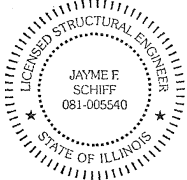


LOCATION SKETCH

PROFILE GRADE



OFFSET SKETCH



EXPIRES 11-30-2024

Jayme F. Schiff

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

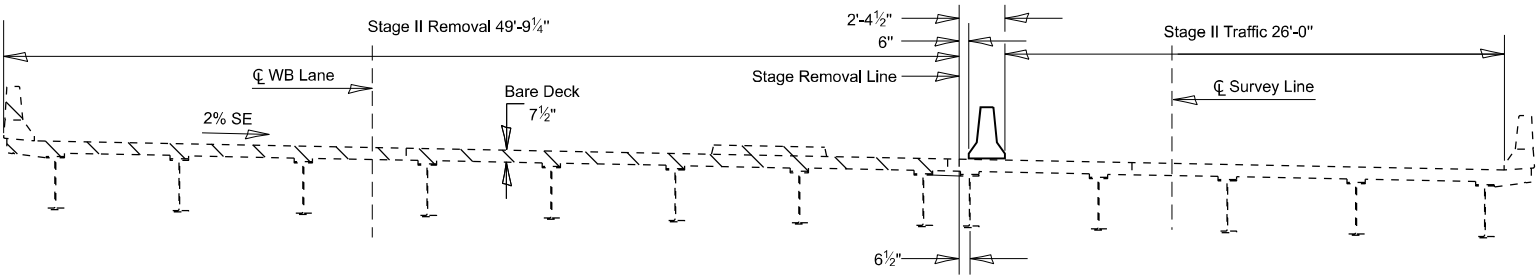
GENERAL PLAN AND ELEVATION

SCALE: SHEET 1 OF 21 SHEETS STA. TO STA.

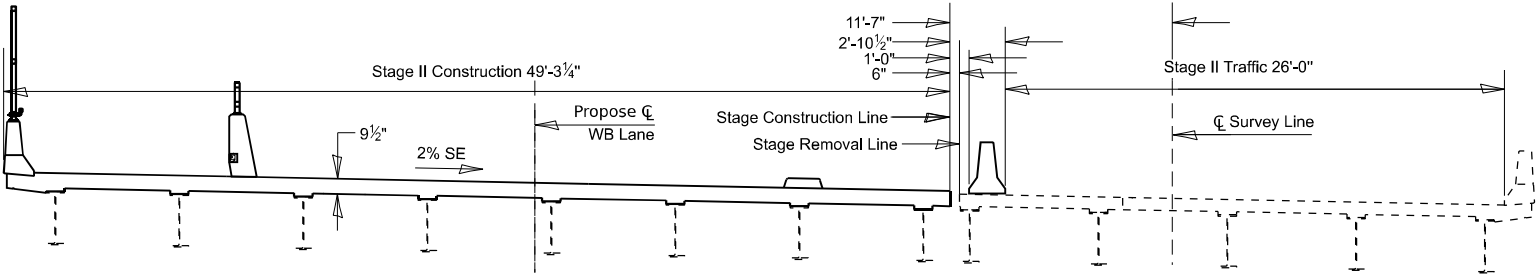
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	117
CONTRACT NO. 78814				

ILLINOIS FED. AID PROJECT

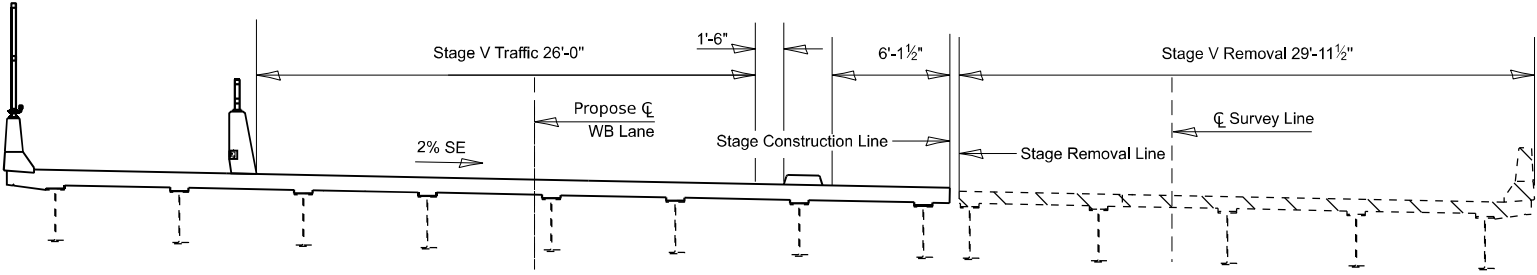
STAGE II REMOVAL



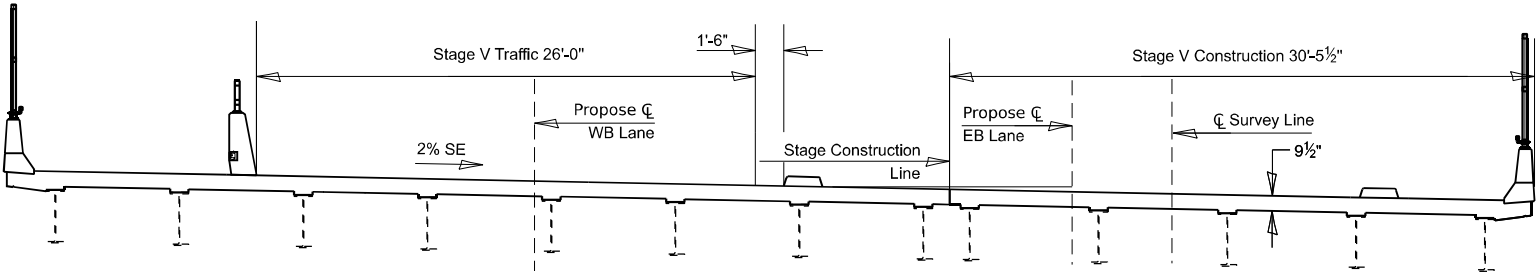
STAGE II CONSTRUCTION



STAGE V REMOVAL



STAGE V CONSTRUCTION



BILL OF MATERIAL

Item	Unit	Total
Temporary Concrete Barrier	Feet	250
Pinning Temporary Concrete Barrier	Each	12

All Sections are looking East and within limits of the Joint Reconstruction

STAGING DETAILS
IL. RTE. 149 OVER F.A.I. RTE. 57
F.A.I. ROUTE 57 SECTION 28-5(K-1)
FRANKLIN COUNTY
STATION 157+85.75 (F.A.I. RTE. 57)
STATION 694+22.53 (IL. RTE. 149)
STRUCTURE NO. 028-0039

MODEL: Staging Details-1 (Sheet)
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USER NAME = Zachary,Lomax	DESIGNED -	REVISED -
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PLOT DATE = 5/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

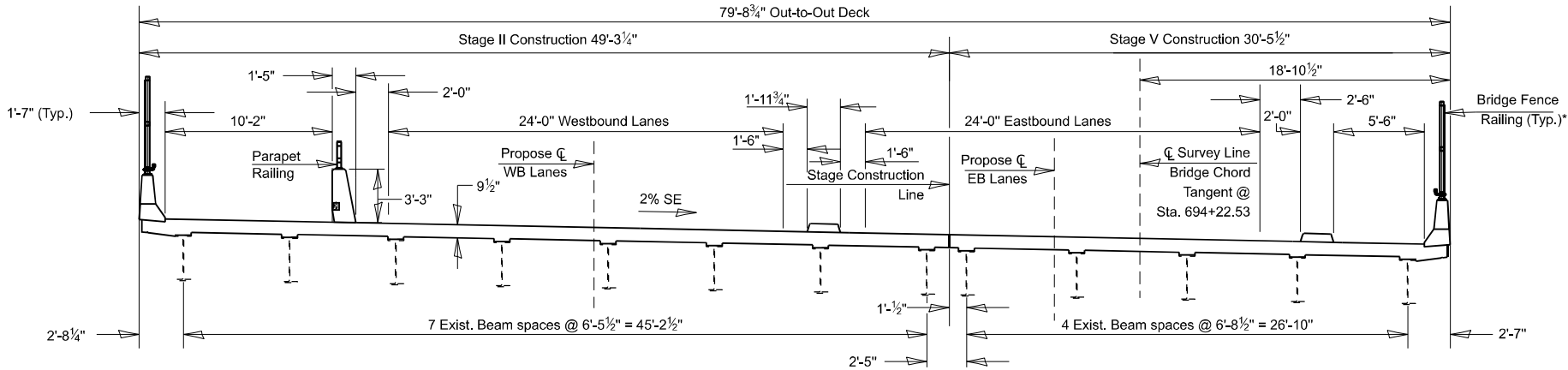
STAGING DETAILS 1
STRUCTURE NO. 028-0039

SCALE: SHEET 2 OF 21 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	118
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

SECTION THROUGH
ABUTMENTS SHOWING
JOINT RECONSTRUCTION

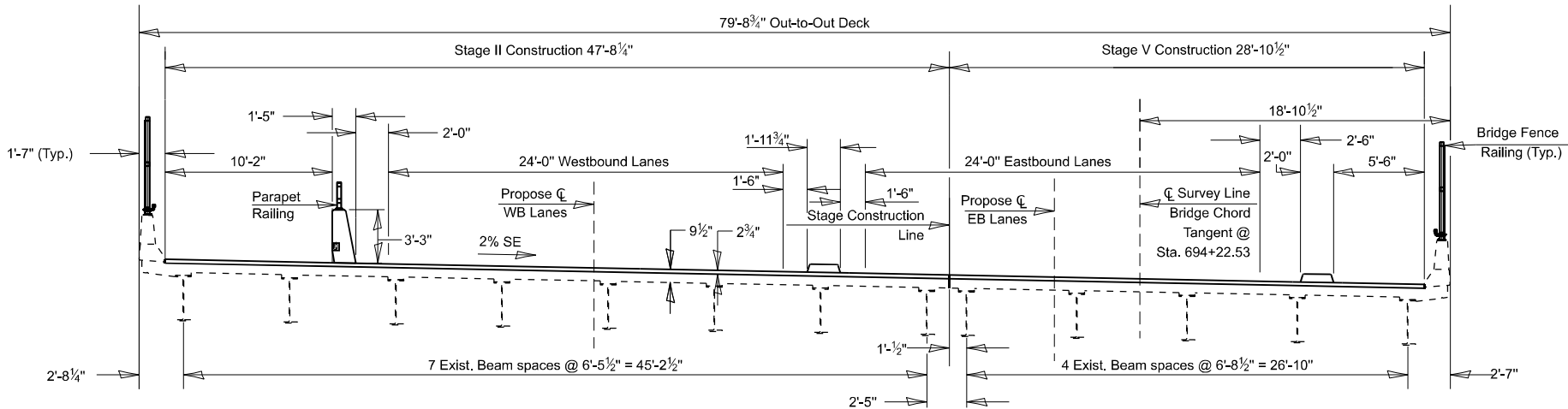
Looking East



*Over Approach, Bicycle Railing
will be Installed on Existing Parapets (Typ.)

SECTION THROUGH
CONCRETE OVERLAY

Looking East



STAGING DETAILS
IL. RTE. 149 OVER F.A.I. RTE. 57
F.A.I. ROUTE 57 SECTION 28-5(K-1)
FRANKLIN COUNTY
STATION 157+85.75 (F.A.I. RTE. 57)
STATION 694+22.53 (IL. RTE. 149)
STRUCTURE NO. 028-0039

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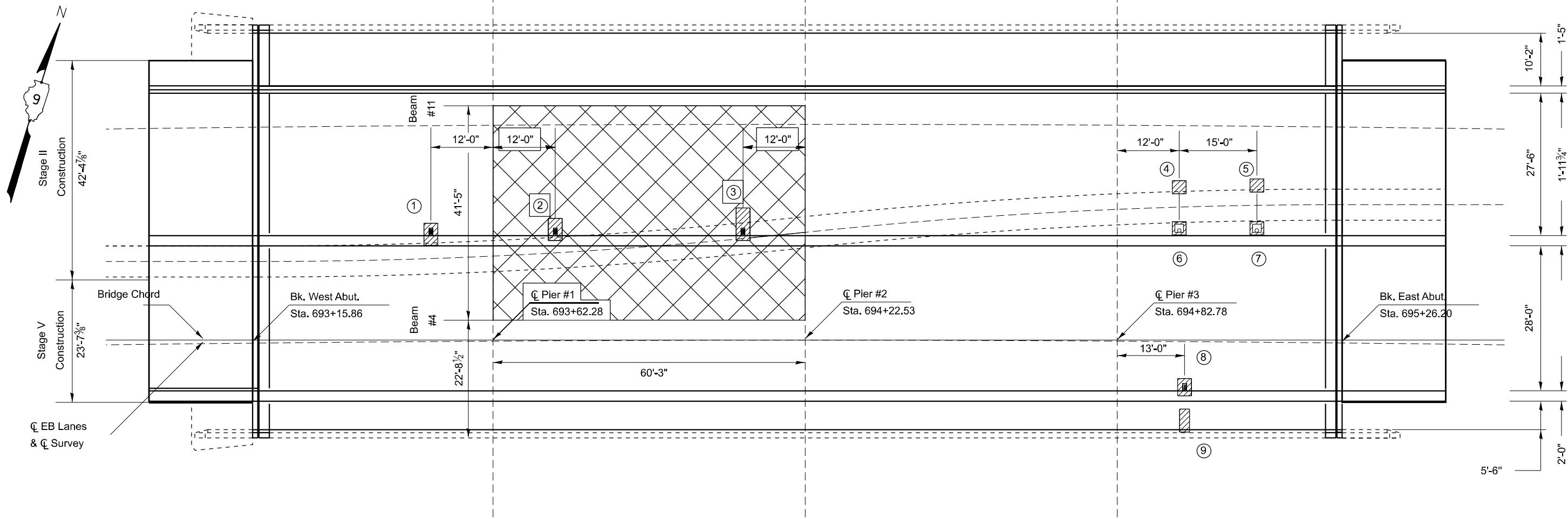
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PLOT DATE	= 5/16/2023	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING DETAILS 2
STRUCTURE NO. 028-0039

SCALE: SHEET 3 OF 21 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	119
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



PLAN

NOTES:
The residential engineer will determine final patch locations and quantities in the field before bridge deck patching operations begin.
Area of deck repairs are estimates. The engineer shall show actual locations for deck repairs on as-built plans.



DECK SLAB REPAIR (FULL DEPTH, TYPE I)



LIMITS OF PROTECTIVE SHIELD

FULL DEPTH DECK REPAIR				
NUMBER	LENGTH (FT)	WIDTH (FT)	DRAIN TYPE	AREA (SQ YD)
1	4'-3"	2'-8"	DS-11	1.3
2	4'-3"	2'-8"	DS-11	1.3
3	6'-3"	2'-8"	DS-11	1.9
4	2'-7"	2'-8"	REMOVAL	0.8
5	2'-7"	2'-8"	REMOVAL	0.8
6	2'-7"	2'-8"	6" Ø FLOOR DRAINS	0.8
7	2'-7"	2'-8"	6" Ø FLOOR DRAINS	0.8
8	3'-4"	2'-8"	DS-11	1.0
9	5'-4"	2'-0"	REMOVAL	1.2

BILL OF MATERIAL

PAY ITEM	UNIT	QUANTITY
Protective Shield	Sq Yd	277
Floor Drains	Each	2
Deck Slab Repair (Full Depth, Type 1)	Sq. Yd.	10

FULL DEPTH DECK PATCHES
TO RELOCATE OR ELIMINATE
SCUPPERS AND FLOOR DRAINS

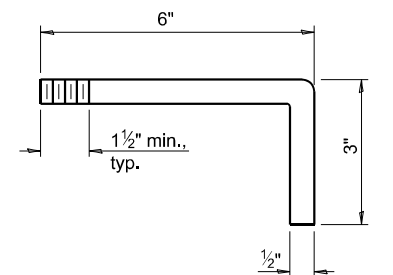
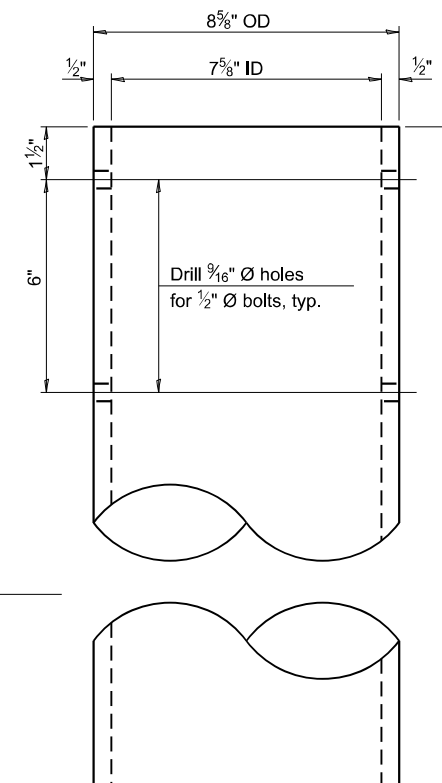
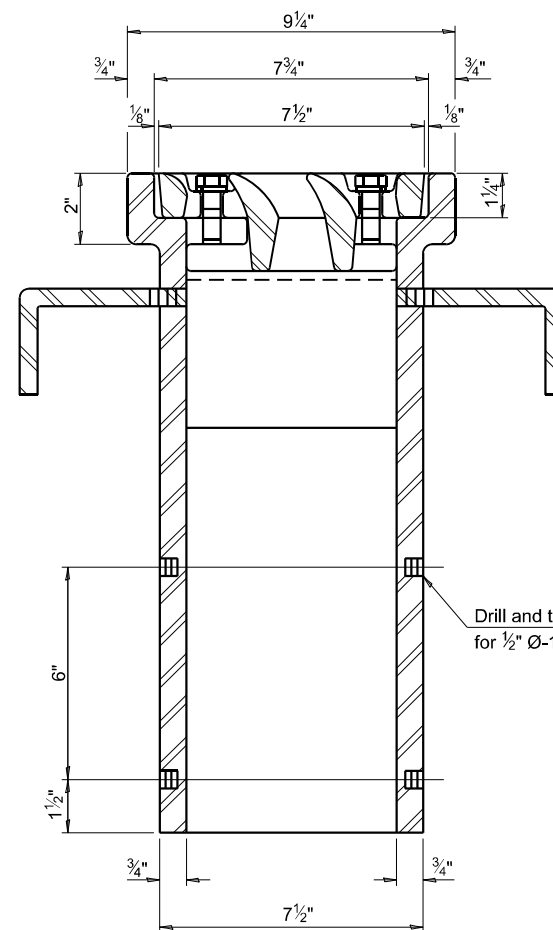
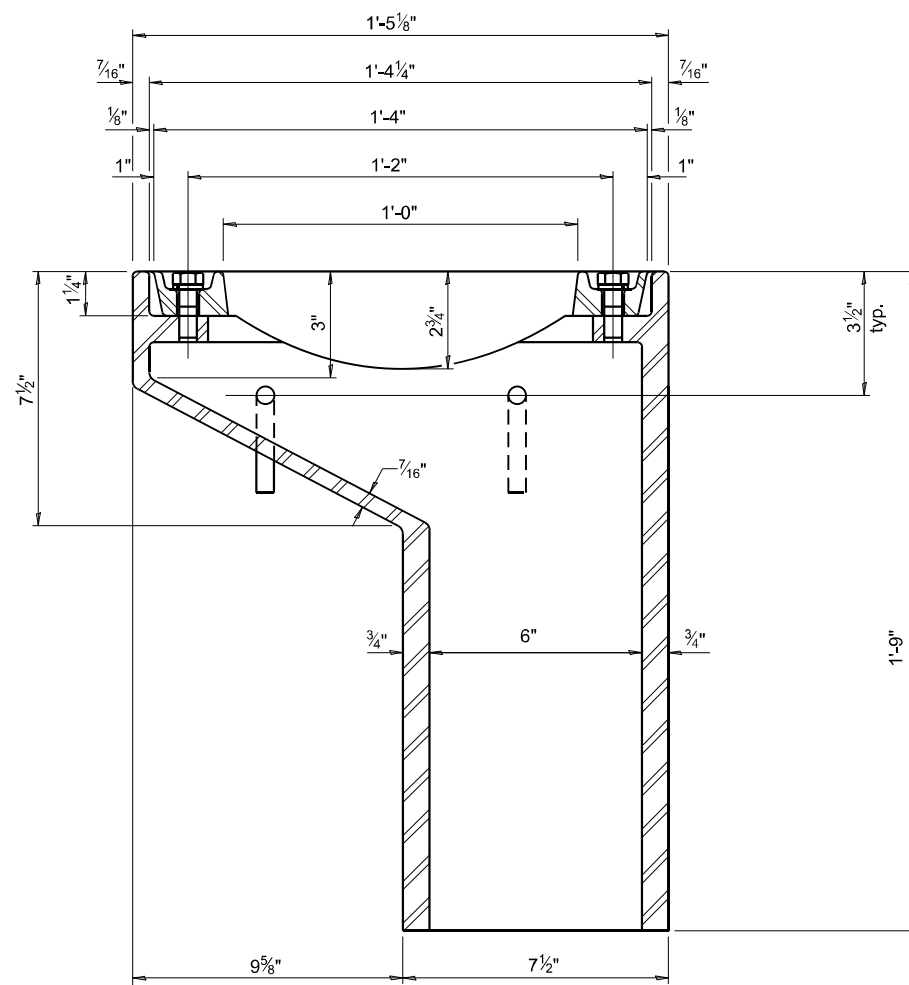
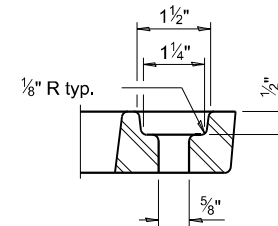
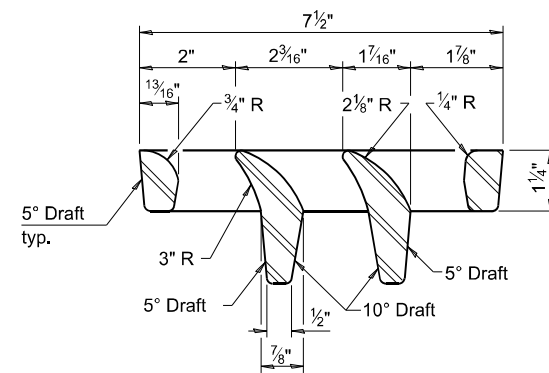
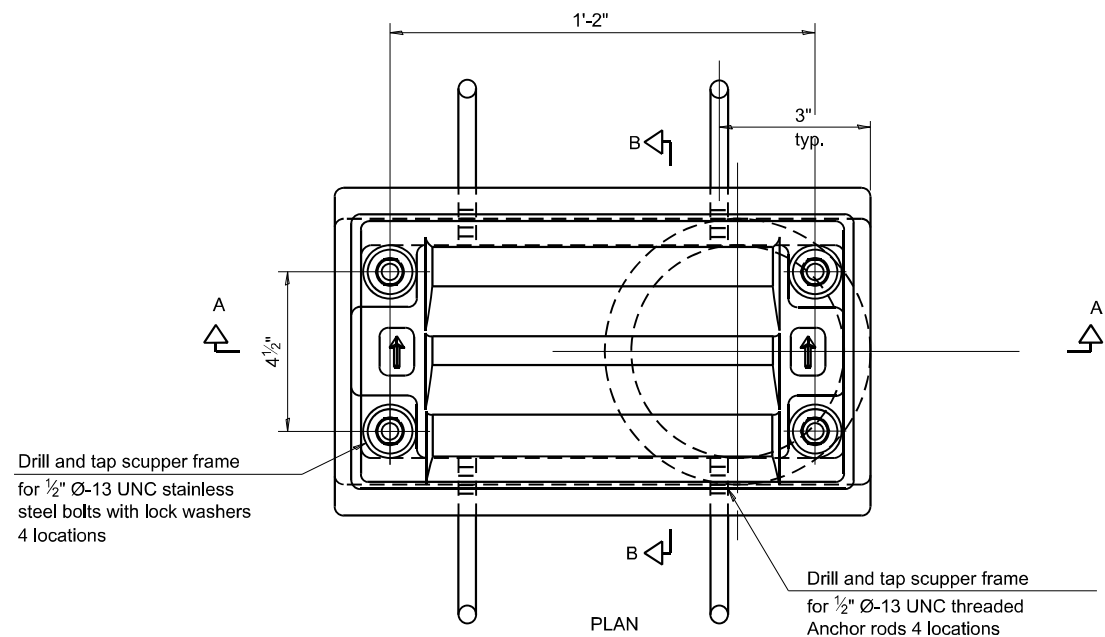
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USER NAME = Zachary,Lomax	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633 ' / in.	DRAWN -	REVISED -
PLOT DATE = 5/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAIN EXTENSIONS/ELIMINATIONS STRUCTURE NO. 028-0039			
SCALE:	SHEET 4	OF 21 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	120
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



Notes:

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M105, Class 35B and AASHTO M306.

Bolts, anchor rods, nuts and washers shall be according to ASTM A307 and shall be galvanized according to AASHTO M232. As an alternate stainless steel may be used.

Stainless steel hardware shall be according to Article 1006.29(d) of the Standard Specifications.

Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frames and downspouts; however, the scupper grates shall remain cast iron. Fillet or full penetration welds shall be used for the weldments.

Details shall be submitted to the Engineer for approval.
Structural steel scupper frames and downspouts, when utilized, shall be galvanized according to AASHTO M111.

As an alternate, fiberglass may be used for downspouts according to ASTM D2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. in lieu of the cast iron or structural steel.

Exterior surfaces of downspouts and exterior exposed surfaces of the scupper frame below deck shall be treated as specified on sheet 7 of 21.

The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.

Cost of the grate, frame, downspout, anchor rods, nuts and washers including complete installation of the scupper shall be paid for at the contract unit price for Drainage Scuppers, DS-11.

SECTION A-A
See sheet 3 of 19 for scupper
location relative to parapet.

SECTION B-B

DOWNSPOUT

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Drainage Scuppers, DS-11	Each	4

DS-11

2-1-2023

DRAINAGE SCUPPERS, DS-11
STRUCTURE NO. 028-0039

STRUCTURE NO. 028-0039

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DEPARTMENT OF TRANSPORTATION

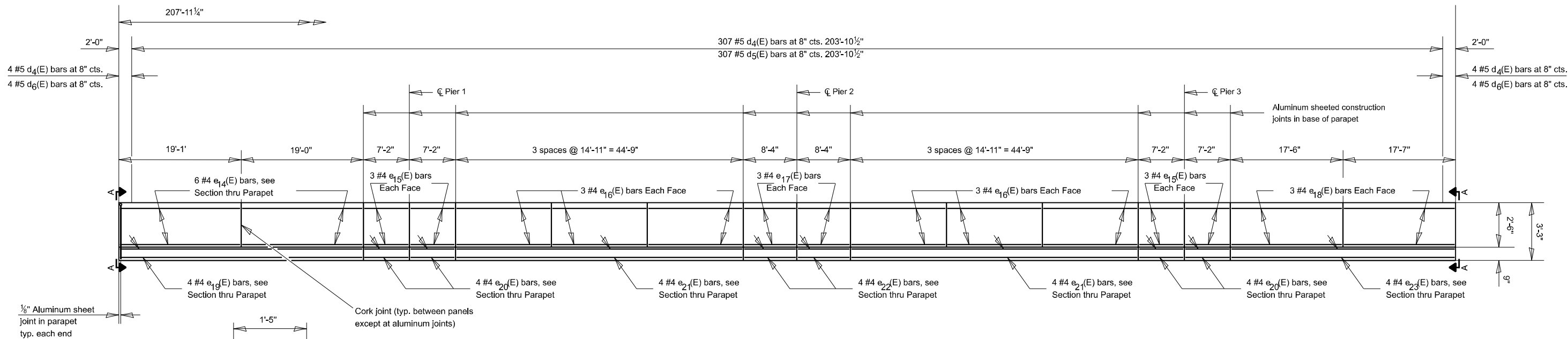
SCUPPER DETAILS
STRUCTURE NO. 028-0039

STRUCTURE NO. 028-0039

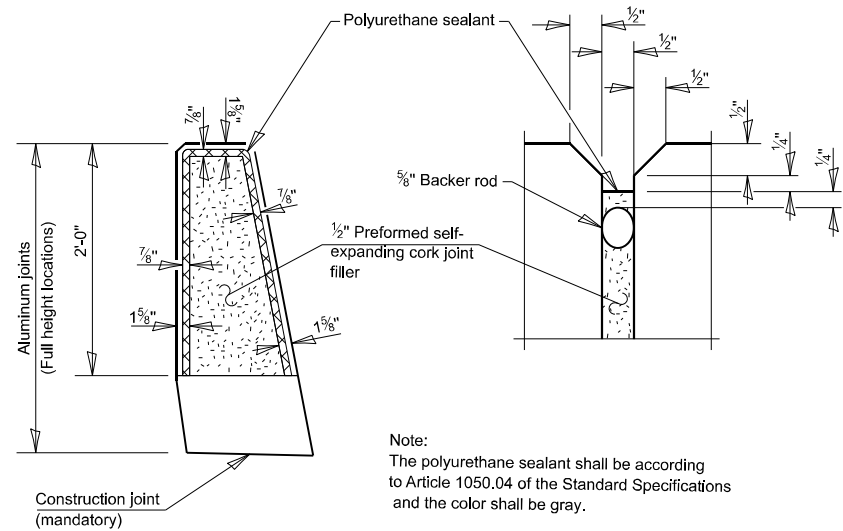
SCALE:	SHEET 5	OF 21	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	121
		CONTRACT NO. 78814		
		ILLINOIS	FED. AID PROJECT	

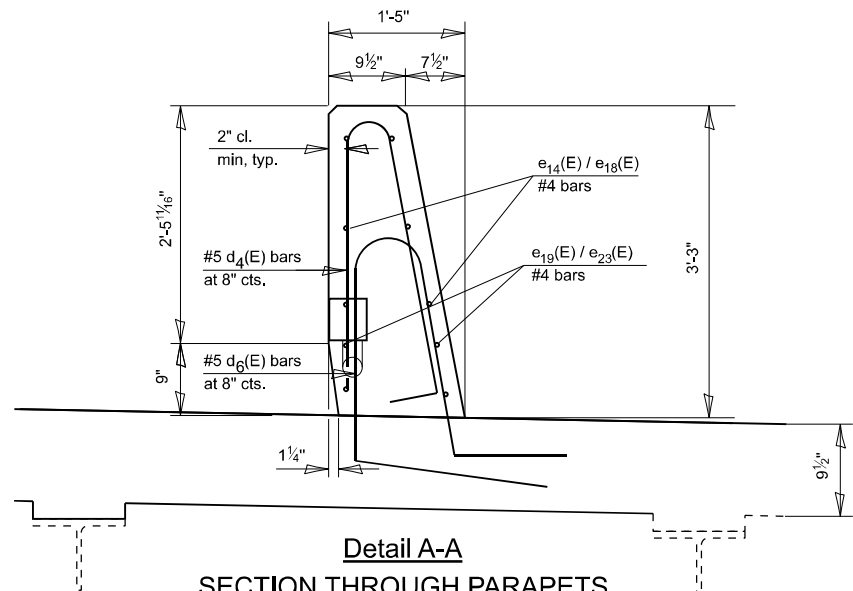
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INSIDE ELEVATION OF PARAPET



**SECTION THROUGH PARAPET
(outside limits of joint reconstruction)**



**Detail A-A
SECTION THROUGH PARAPETS
(within joint reconstruction)**

**SUPER STRUCTURE
BILL OF MATERIAL
(New Parapet and New
Medians within limits
of Bridge)**

Bar	No.	Size	Length	Shape
a ₃ (E)	32	#5	1'-6"	—
b ₇ (E)	48	#5	28'-9"	—
c ₂ (E)	836	#5	1'-3"	└
c ₃ (E)	418	#5	1'-5"	—
d ₄ (E)	315	#5	6'-5"	⏏
d ₅ (E)	307	#5	6'-2"	⏏
d ₆ (E)	8	#5	8'-2"	⏏
e ₁₄ (E)	12	#4	18'-8"	—
e ₁₅ (E)	24	#4	6'-10"	—
e ₁₆ (E)	36	#4	14'-7"	—
e ₁₇ (E)	12	#4	8'-0"	—
e ₁₈ (E)	12	#4	17'-2"	—
e ₁₉ (E)	4	#4	37'-8"	—
e ₂₀ (E)	16	#4	6'-10"	—
e ₂₁ (E)	8	#4	44'-5"	—
e ₂₂ (E)	8	#4	8'-0"	—
e ₂₃ (E)	4	#4	34'-8"	—
* Protective Coat			Sq. Yd.	1,962
* Median Removal			Sq. Ft.	1,264
Concrete Superstructure			Cu. Yd.	40.8
** Bridge Deck Grooving			Sq. Yd.	1,615
Reinforcement Bars, Epoxy Coated			Pound	8,710
Bridge Deck Scarification, 3/4"			Sq. Yd.	1,734
Bridge Deck Microsilica			Sq. Yd.	1,734
Concrete Overlay, 2 3/4"			Sq. Yd.	1,734

*Quantities Over Joint Reconstruction Included
**Quantities Include Approach Slabs and Joint Reconstruction

(Sheet 1 of 2)

USER NAME = Zachary,Lomax	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN -	REVISED -
PLOT DATE = 5/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

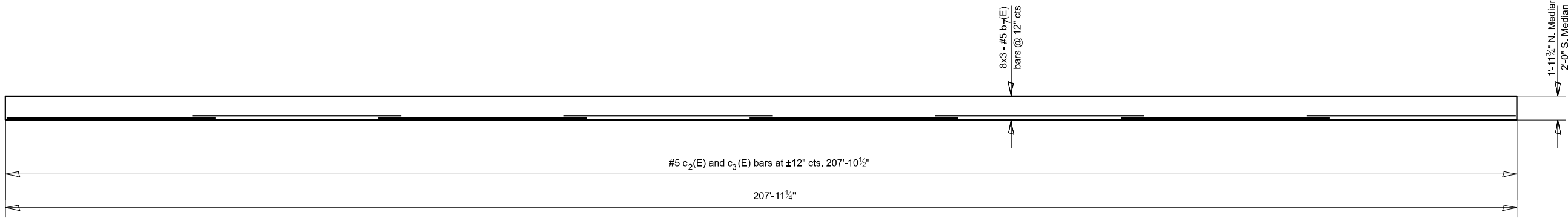
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE DETAILS 1
STRUCTURE NO. 028-0039**

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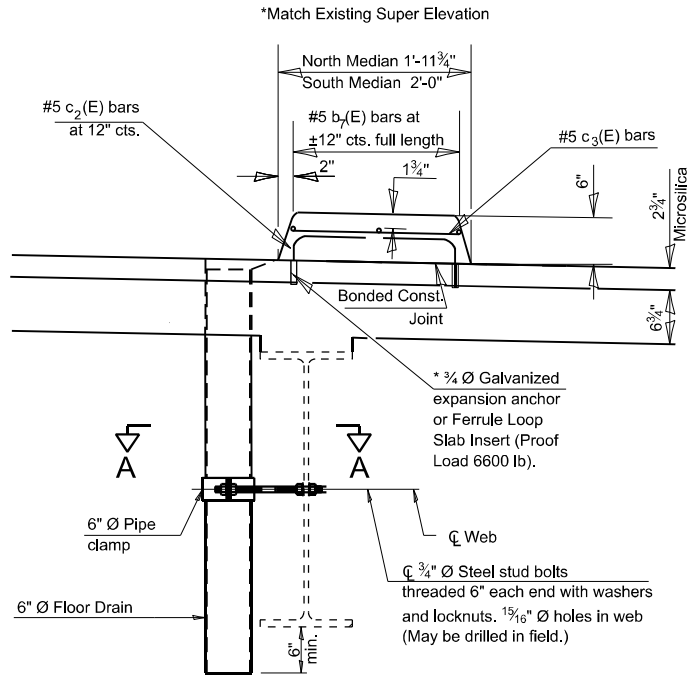
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	122
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

MODEL: Superstructure Details 2 (Sheet 2)
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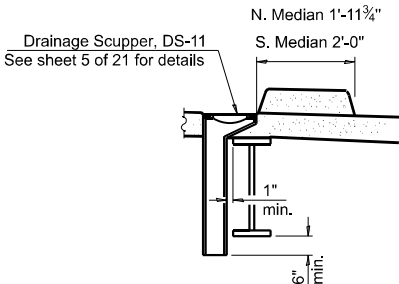
PLAN VIEW OF MEDIANS

Min Bar Lap
#5 - 3'-2"

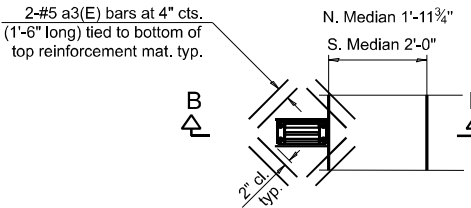


SECTION THROUGH MEDIAN
(Showing Floor Drain)

* The cost of expansion anchors/inserts is included in the cost of Reinforcement Bars, Epoxy Coated.
**Full width along joint - backer rod not required.

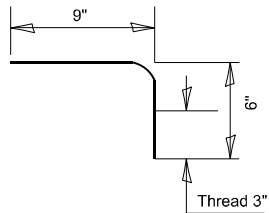


SECTION B-B

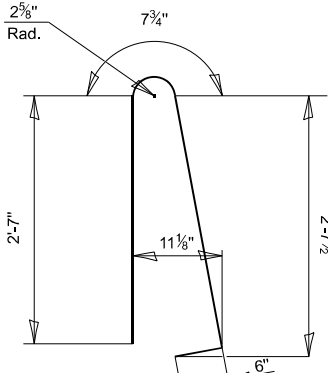


PLAN

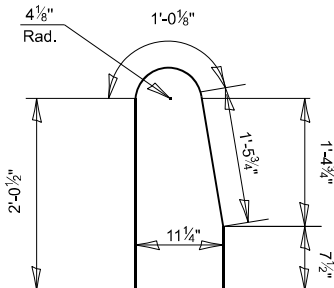
Note:
Cut longitudinal reinforcement to clear drainage scuppers.



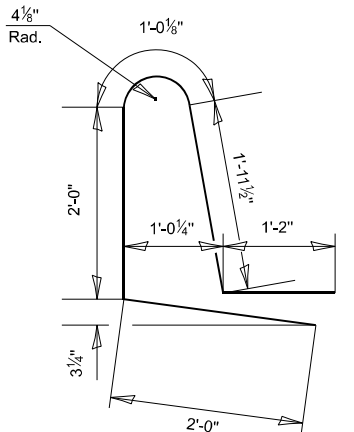
BAR c2(E)



BAR d4(E)



BAR d5(E)



BAR d6(E)

NOTES:

1. Bars Indicated thus: 8x3 -#5 etc. indicates 3 lines of #5 bars with 8 lengths per line.
2. Work this sheet with S5
3. Drill and set #5 d5(E) bar according to Article 509.06 of the Standard Specifications. Drilled holes shall be 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.
4. Fiberglass pipe shall conform to ASTM D2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.
5. The exterior surfaces of the floor drains and drainage scuppers shall be painted according to Article 506 with the finish coat as specified. The exterior surfaces of the drains shall be cleaned according to the Society of Protective Coating's Spec. SSPC-SP1 prior to painting.
6. The top portion of aluminum floor drains shall be coated to minimize reaction with wet concrete.
7. The clamping device shall be galvanized according to AASHTO M 232. Cost of clamping device included with Floor Drains.
8. The 1/8" aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated to minimize reaction with wet concrete. Cost included with Concrete Superstructure.

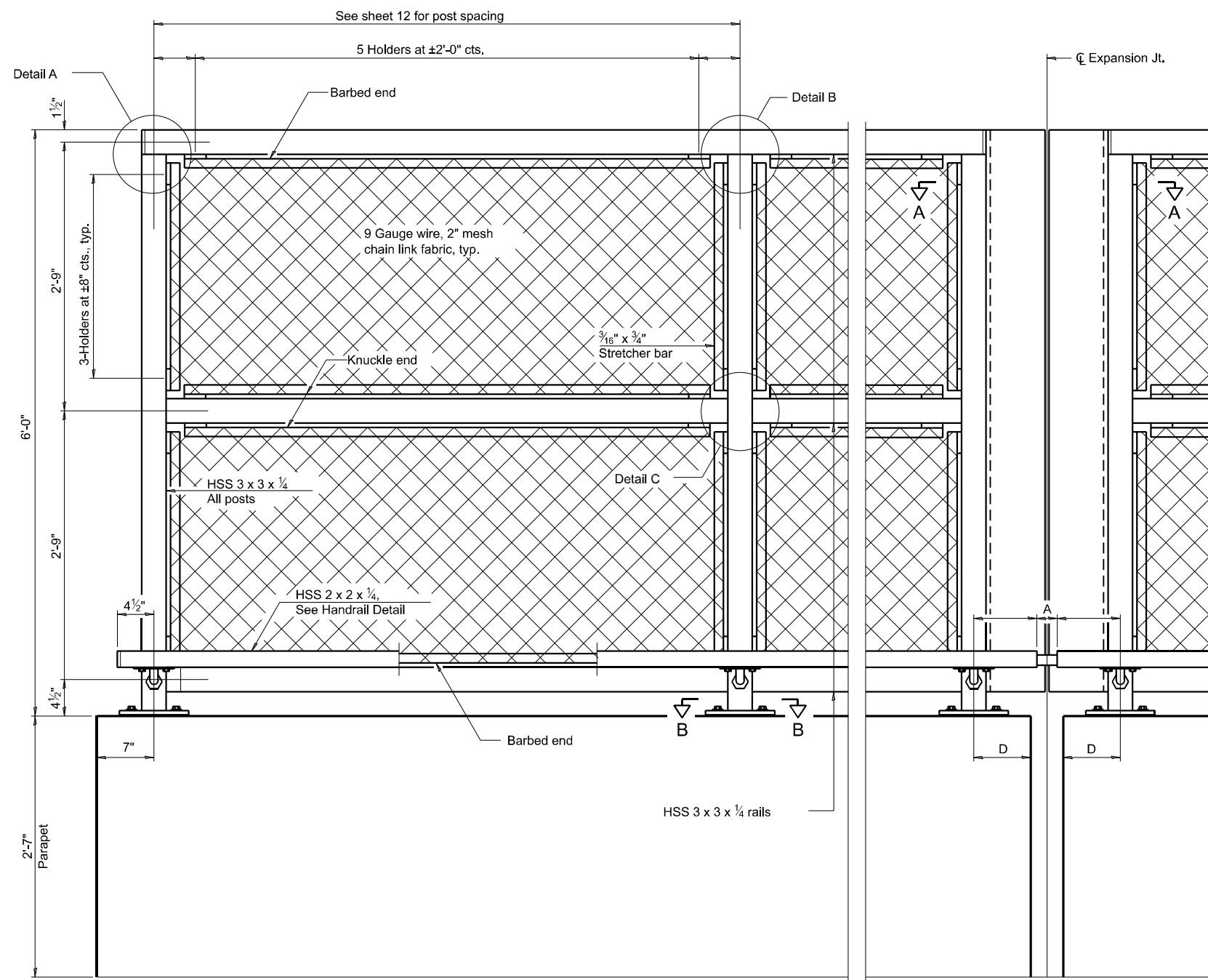
(Sheet 2 of 2)

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DRAWN	-	REVIS	-	REVISED	-
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PLOT DATE	= 5/16/2023	DATE	-	REVISED	-

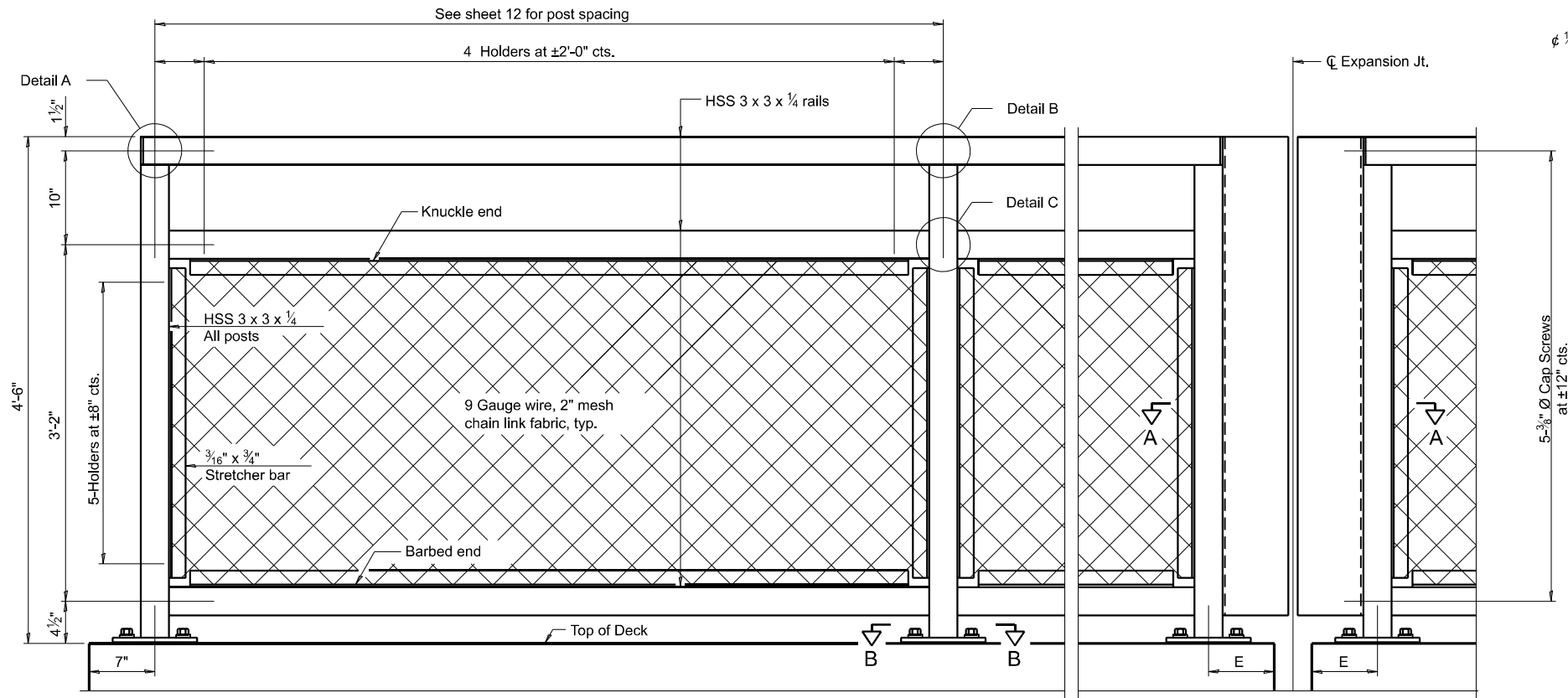
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS 2 STRUCTURE NO. 028-0039			
SCALE:	SHEET 7	OF 21	SHEETS
STA.	TO STA.		

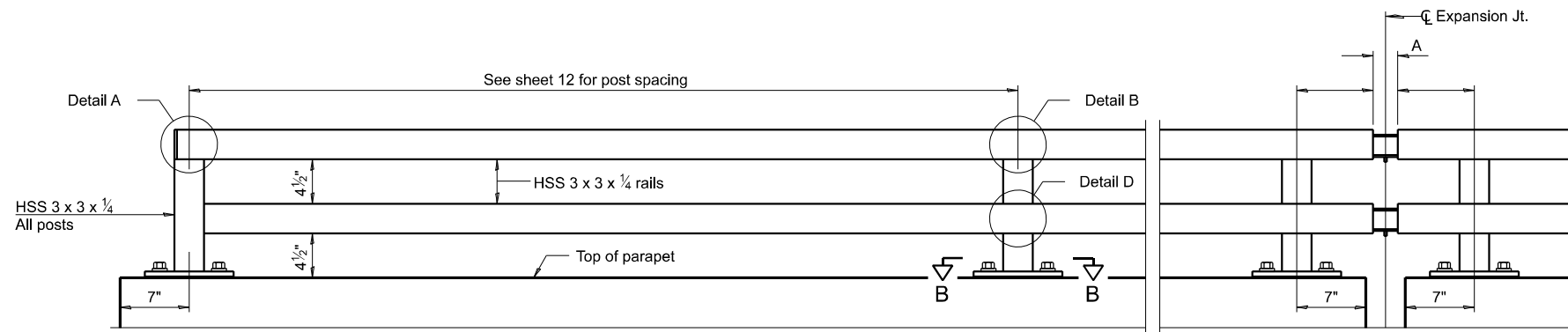
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	123
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



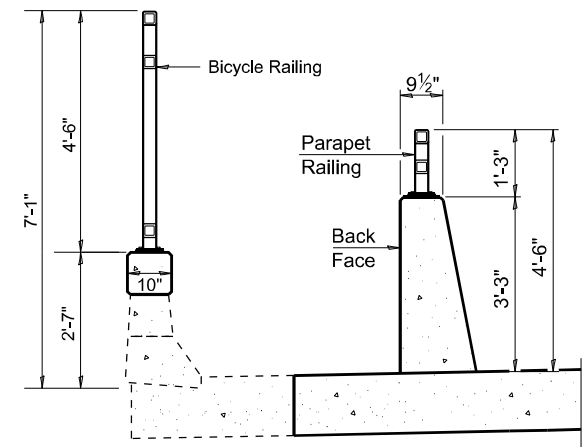
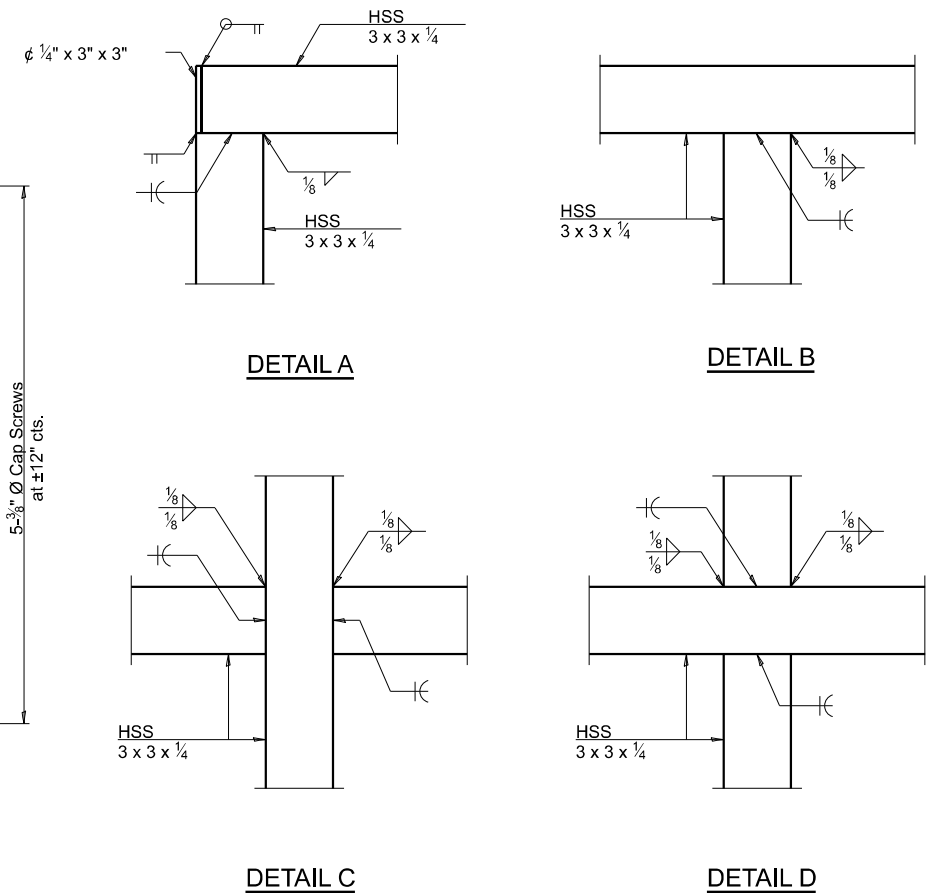
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FILE NAME: p:\info\civil\details\com\pmd\DOT\Documents\IDOT\Office\District 9\BPD Projects\78814\CADD\data\CADD\Sheets\09\78814-SVQ-Structures.dgn



ELEVATION BICYCLE RAILING
(Inside face)



ELEVATION PARAPET RAILING
(Inside face)



SECTION THRU APPROACH SLAB

RAILING CRITERIA

MASH 2016 Test Level	4
Parapet Railing Weight (plf)	25
Bicycle Railing Weight (plf)	50
Max Post Spacing	10'-0"

R-29 Modified

9-1-2022

(Sheet 1 of 2)

BICYCLE RAILING AND PARAPET RAILING
STRUCTURE NO. 028-0039

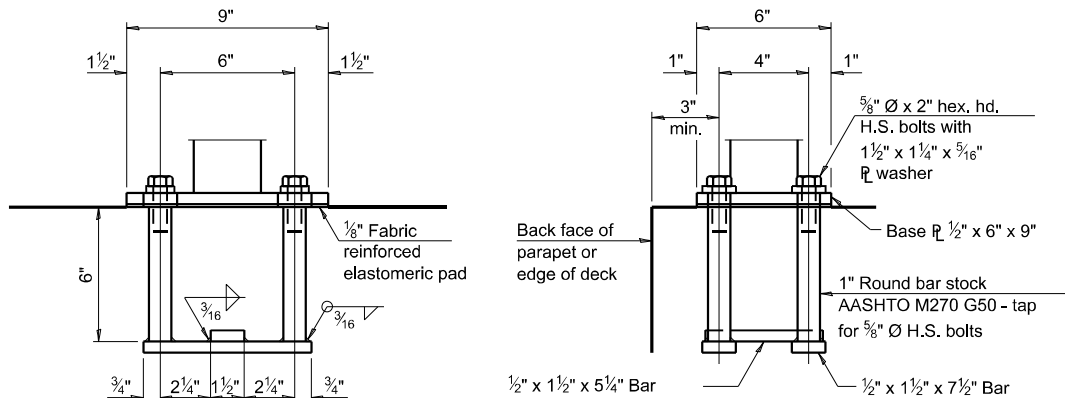
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PLOT DATE = 5/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARAPET RAILING DETAILS 1
STRUCTURE NO. 028-0039

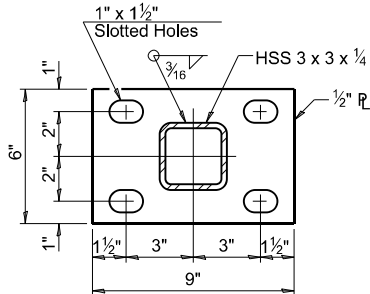
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CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

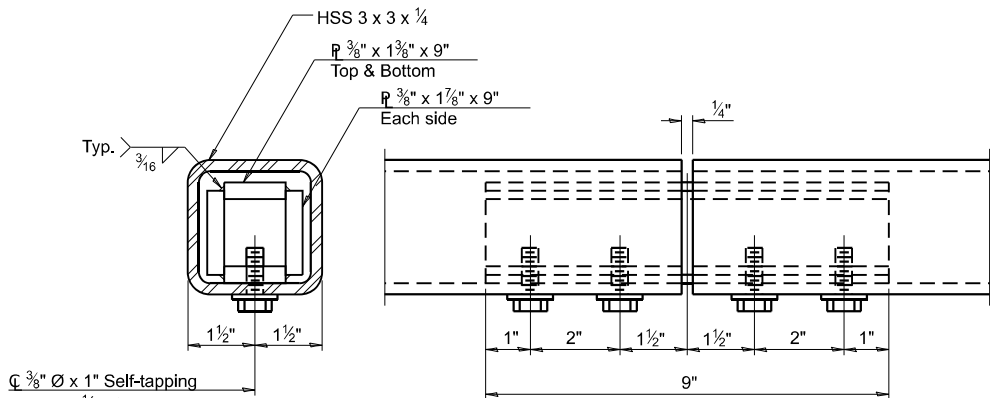


ANCHORAGE ASSEMBLY

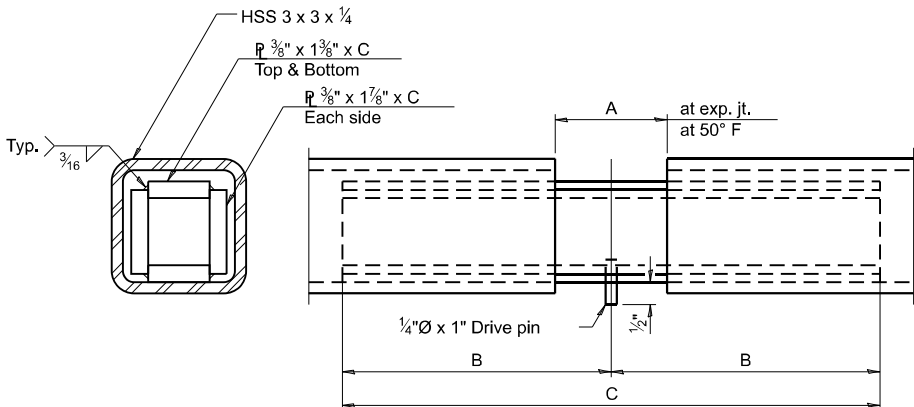
The Bicycle Railing fasteners for end posts near expansion joints may need to be installed prior to installing the bent plates. In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" Ø fully threaded anchor rods with the same plate washers as specified above and heavy hex lock nuts according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



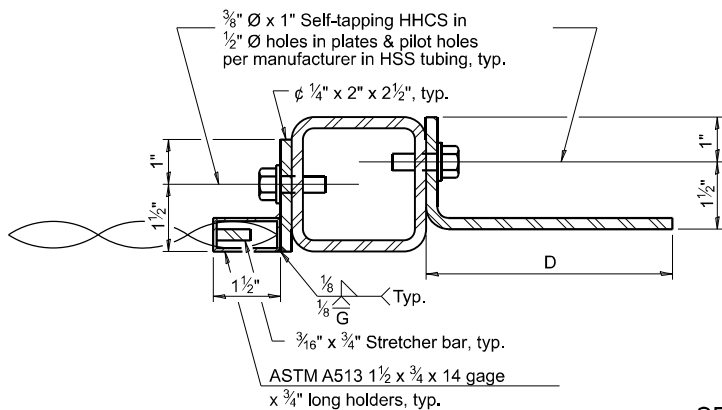
SECTION B-B



MATERIAL SPLICE



EXPANSION SPLICE



SECTION A-A

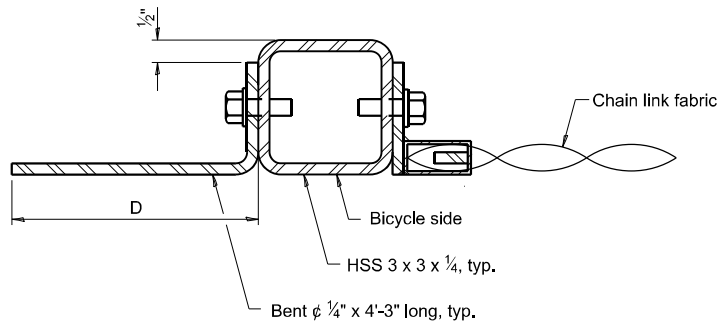


TABLE OF DIMENSIONS

Location	T	A	B	C	D	E
Over Strip Seal Jt.	≤4"	2 1/2"	1'-2"	2'-4"	7 1/4"	7"
Over Finger or Modular Jt.	≤9 1/2"	5 1/2"	1'-7 3/4"	3'-3 1/2"		
Over Finger or Modular Jt.	≤15"	8 1/4"	2'-1 1/4"	4'-2 1/2"		

T= ; total movement based on total temperature range from -20°F to 120°F along centerline of roadway at expansion joint.

R-29

9-1-2022

BILL OF MATERIAL

Item	Unit	Quantity
Bicycle Railing	Foot	44
Parapet Railing	Foot	250

(Sheet 2 of 2)

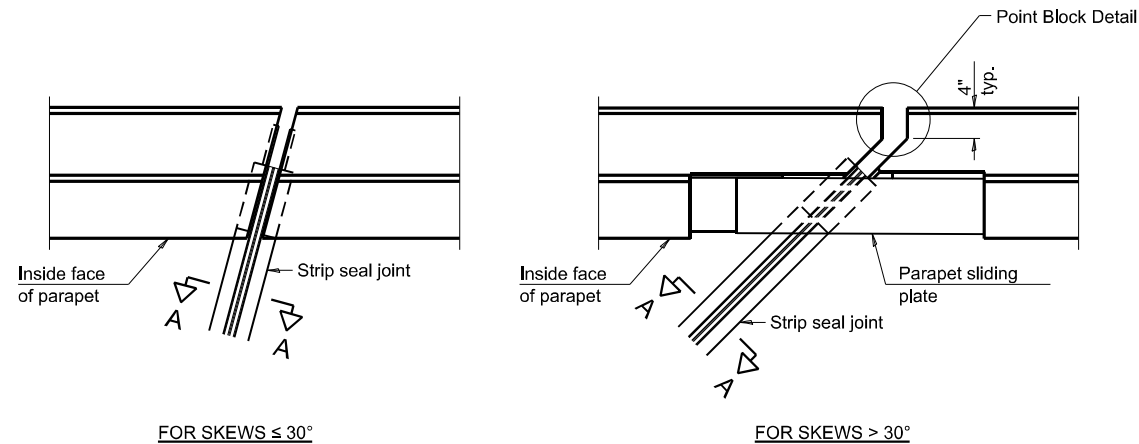
BICYCLE RAILING AND PARAPET RAILING
STRUCTURE NO. 028-0039

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

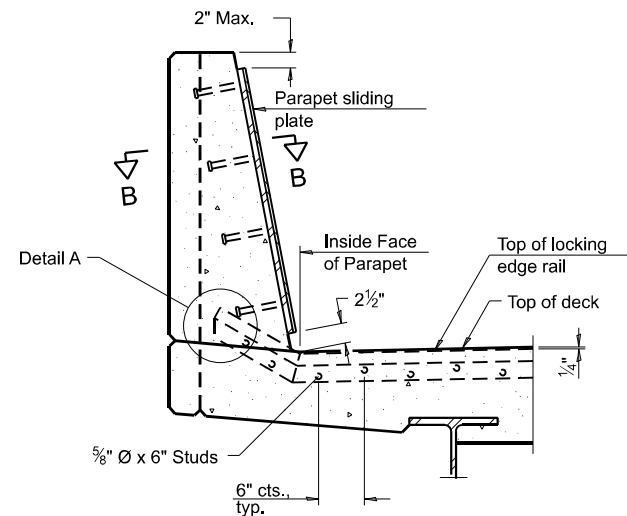
PARAPET RAILING DETAILS 2
STRUCTURE NO. 028-0039

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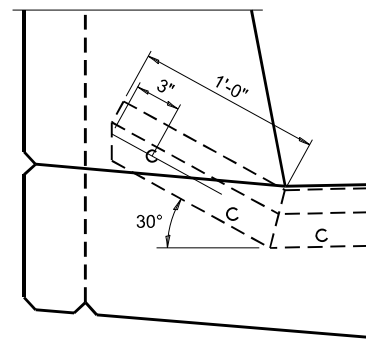
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	127
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



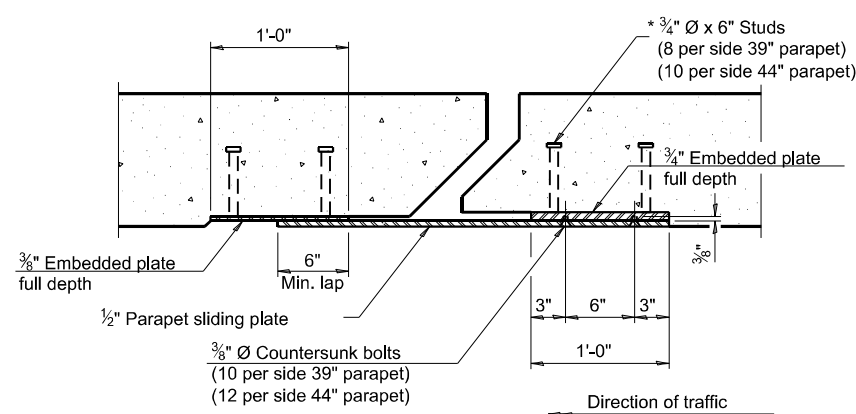
PLAN AT PARAPET



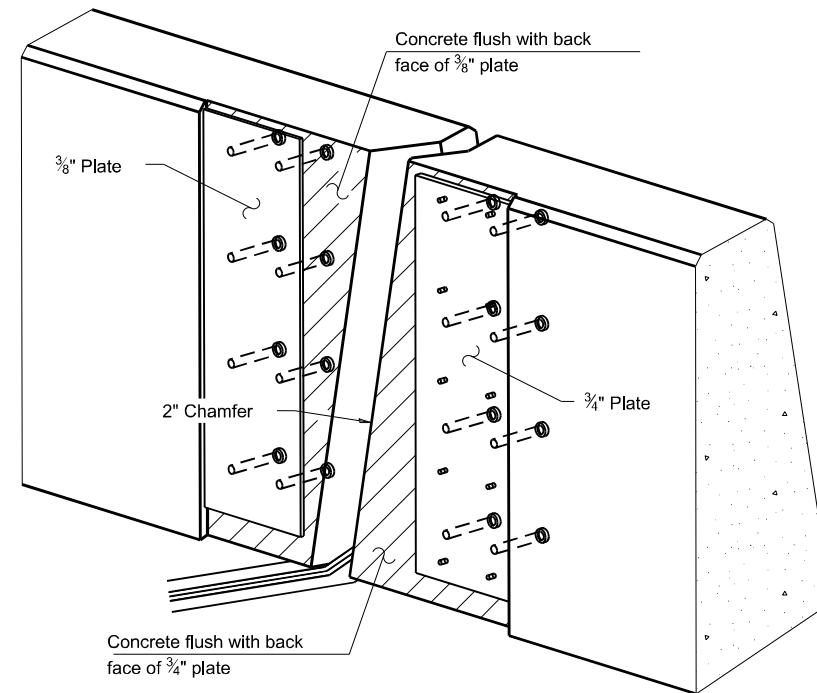
SECTION AT PARAPET
(Skews > 30° shown. Skews ≤ 30° similar except as shown in plan view.)



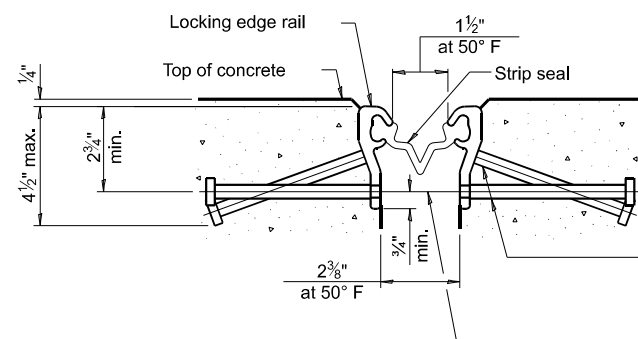
DETAIL A



SECTION B-B



TRIMETRIC VIEW
(Showing embedded plates only)

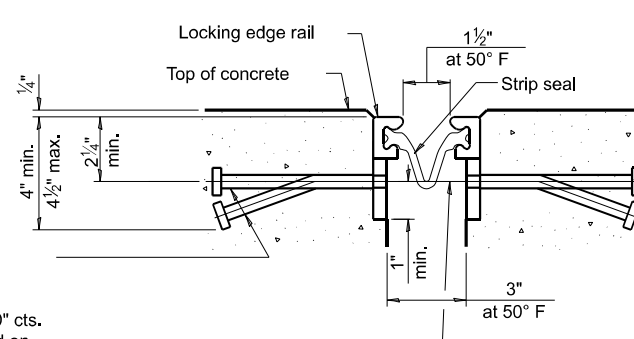


SHOWING ROLLED RAIL JOINT

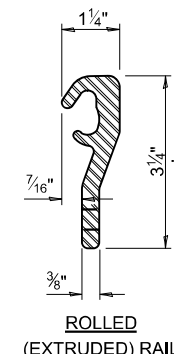
* 5/8\" Ø x 6\" studs @ 6\" cts. (alternate angled/bent studs with horizontal studs)
3/8\" φ threaded rods in 7/16\" φ holes at ±4'-0\" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

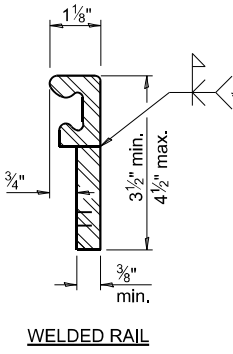
* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



SHOWING WELDED RAIL JOINT



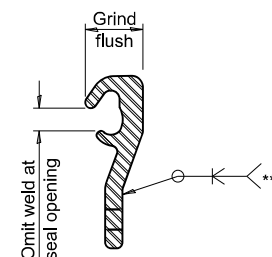
ROLLED
(EXTRUDED) RAIL



WELDED RAIL

LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	157

EJ-SS-S

11-1-2022

(Sheet 1 of 3)

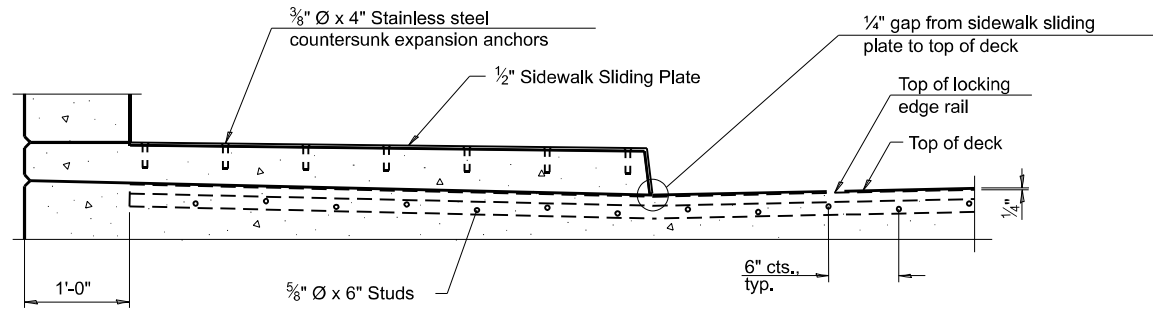
PREFORMED JOINT STRIP SEAL - SIDEWALK
STRUCTURE NO. 028-0039

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

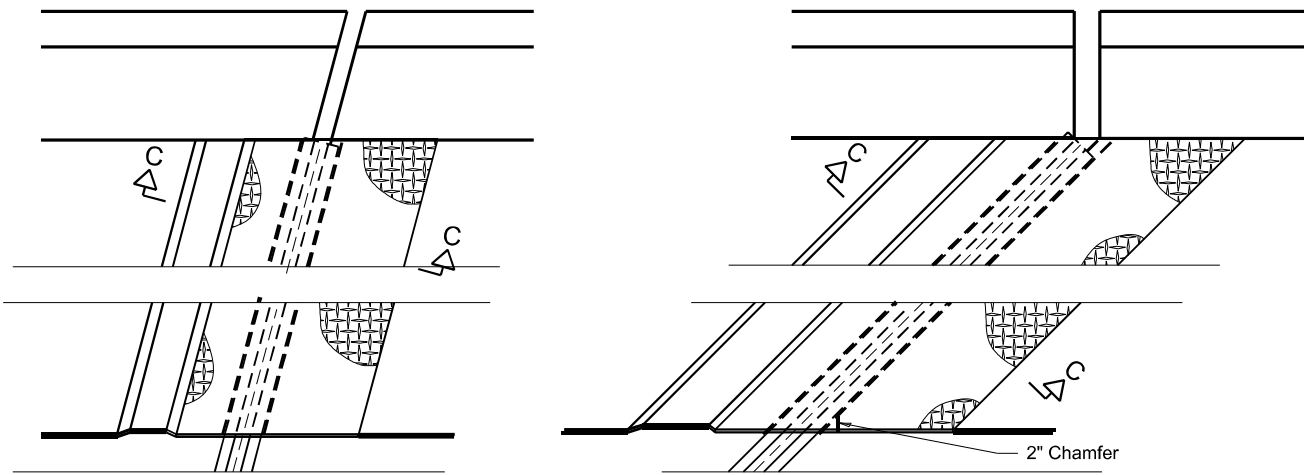
PREFORMED JOINT STRIP SEAL DETAILS 1
STRUCTURE NO. 028-0039

SCALE: SCALE SHEET 14 OF 21 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	130
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



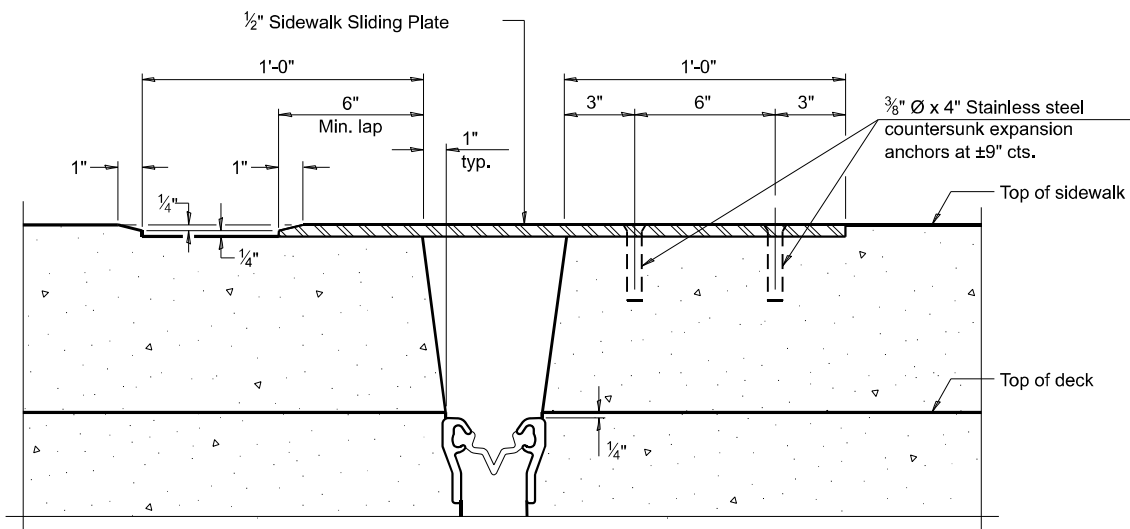
SECTION AT RAISED SIDEWALK



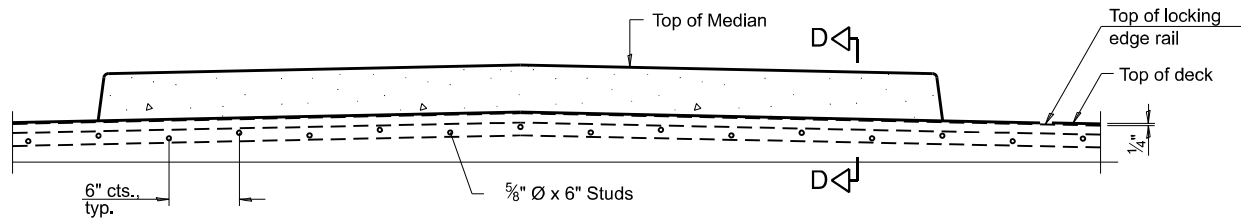
(FOR SKEWS $\leq 30^\circ$)

(FOR SKEWS $> 30^\circ$)

PLAN AT RAISED SIDEWALK

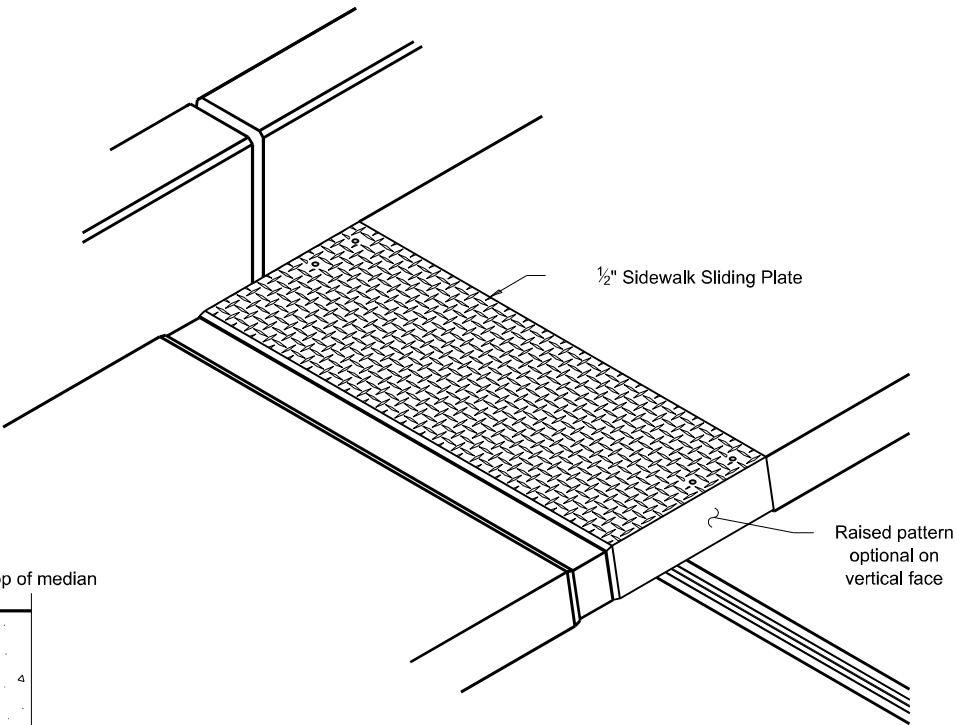


SECTION C-C

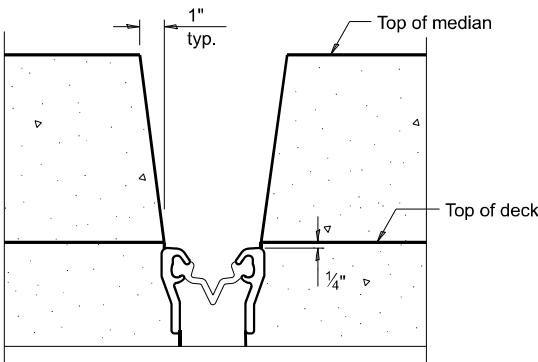


SECTION AT MEDIAN

For skews $> 30^\circ$, chamfer acute corners 2" similar to sidewalk.



TRIMETRIC VIEW



SECTION D-D

(at Rt. $\angle$'s)

EJ-SS-S

11-1-2022

(Sheet 2 of 3)

PREFORMED JOINT STRIP SEAL - SIDEWALK
STRUCTURE NO. 028-0039

MODEL: Preformed Joint-1 (Sheet)
FILE NAME: p:\projects\2022\028-0039\DOT\Office\District 9\DOT Projects\78814\CADData\CADsheets\DOT78814-SS-S-Structures.dgn

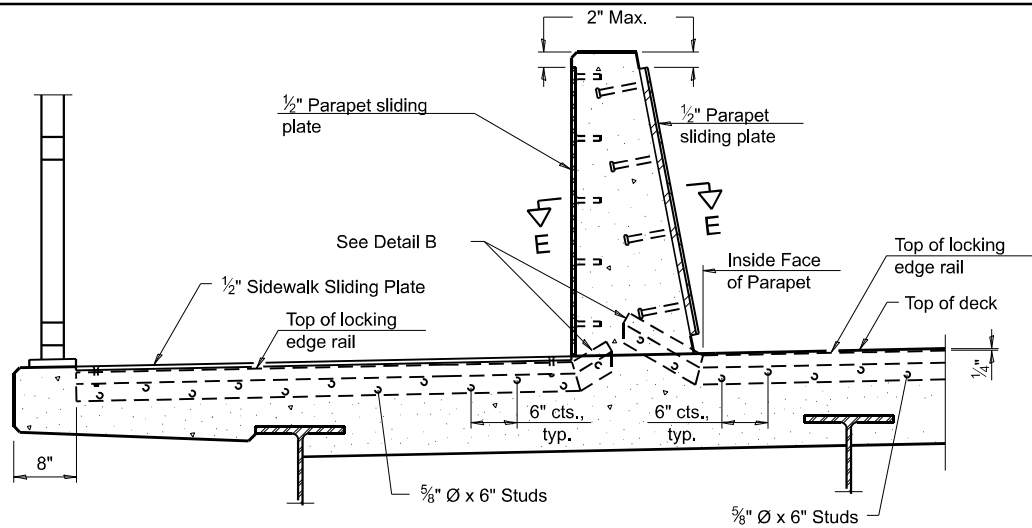
USER NAME	= Zachary.Lomax	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVIS	-
PLOT SCALE	= 0.16666633 1/1 in.	CHECKED	-	REVISED	-
PLOT DATE	= 6/21/2023	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL DETAILS 2
STRUCTURE NO. 028-0039

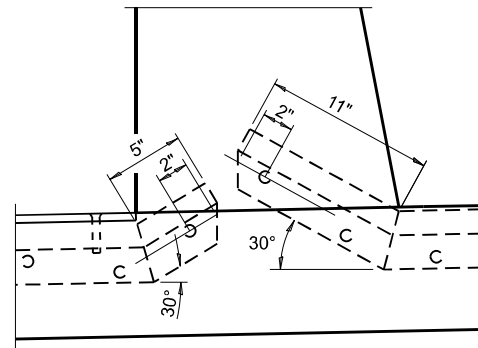
SCALE: SCALE SHEET 14A OF 21 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	130A
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

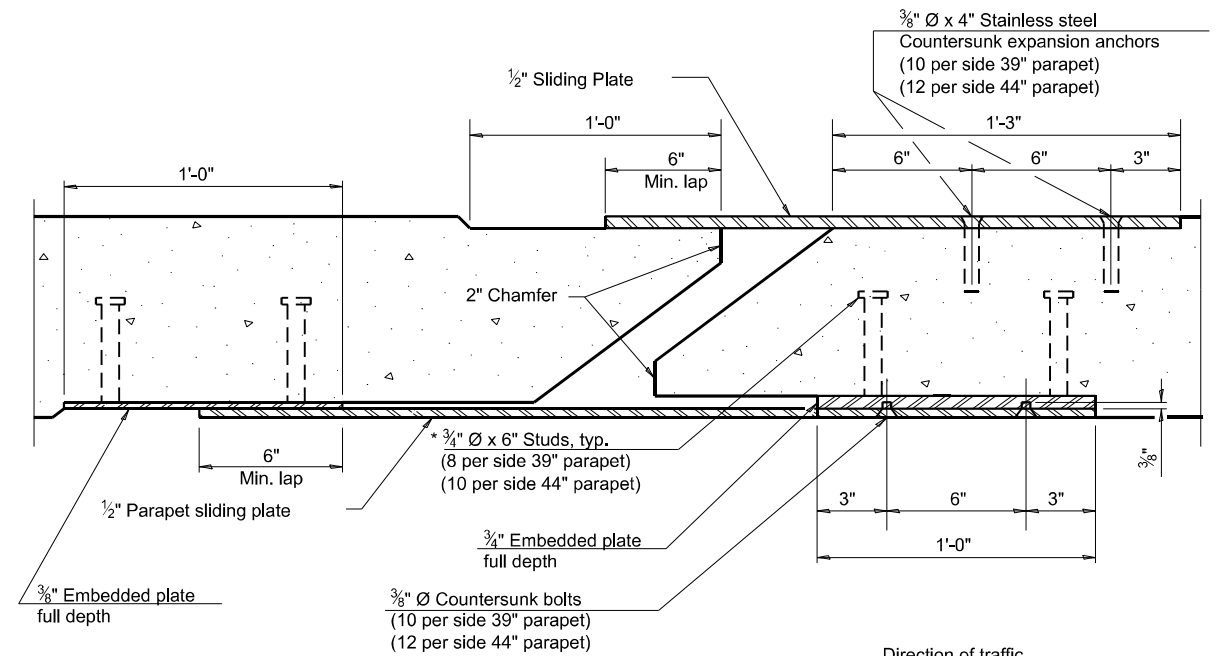


SECTION AT DECK LEVEL SIDEWALK

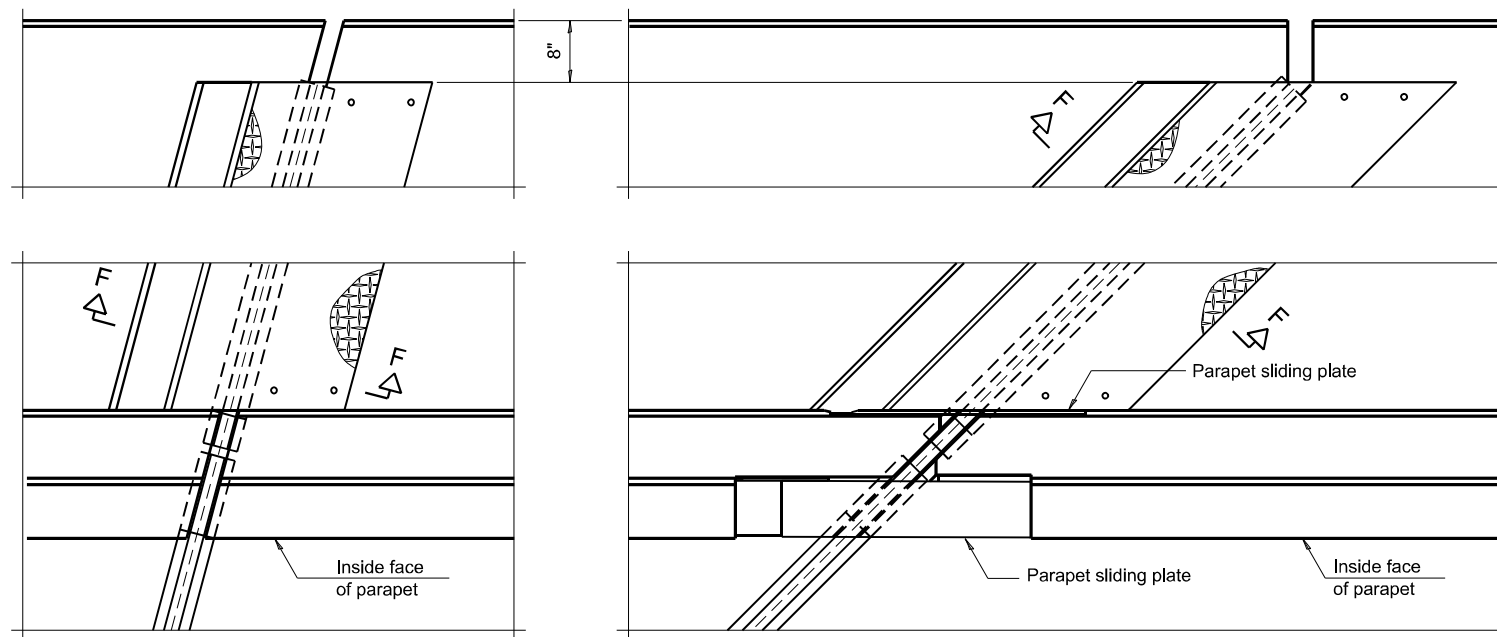
(Skews > 30° shown, Skews ≤ 30° similar except as shown in plan view.)



DETAIL B



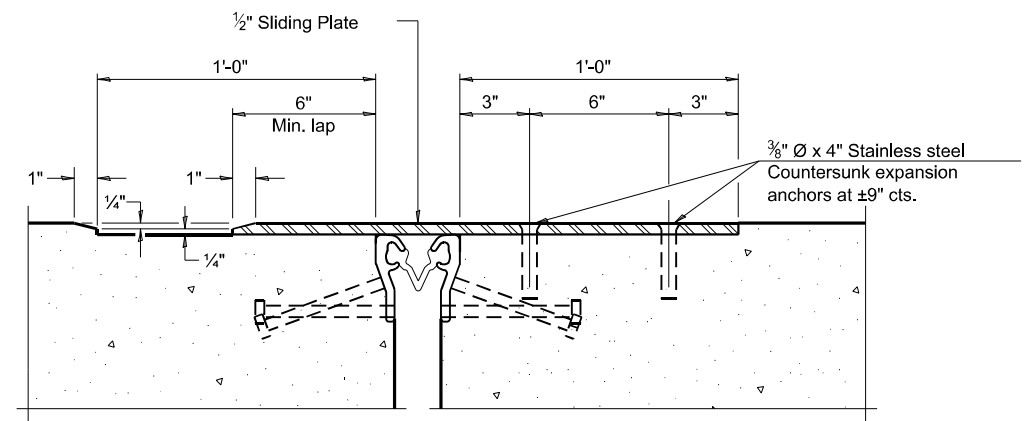
SECTION E-E



PLAN AT DECK LEVEL SIDEWALK

(FOR SKEWS ≤ 30°)

(FOR SKEWS > 30°)



SECTION F-F

EJ-SS-S

11-1-2022

(Sheet 3 of 3)

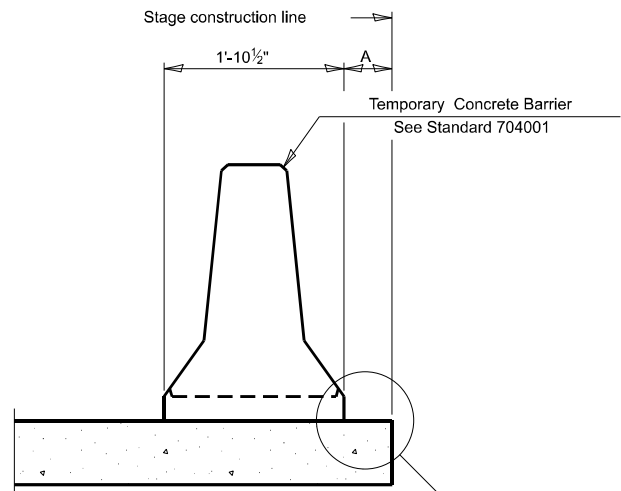
PREFORMED JOINT STRIP SEAL - SIDEWALK
STRUCTURE NO. 028-0039

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL DETAILS 3
STRUCTURE NO. 028-0039

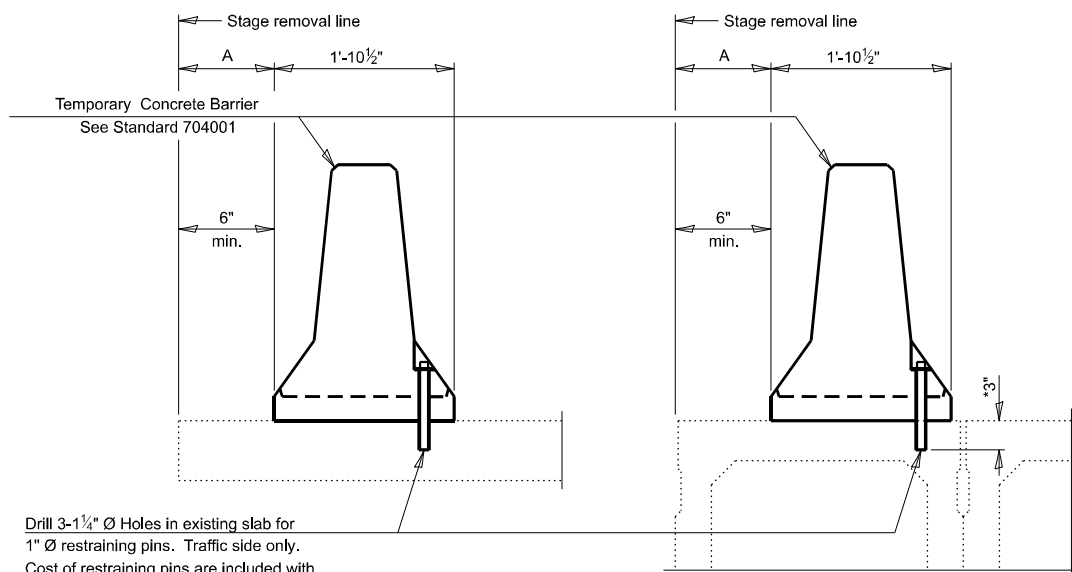
SCALE: SCALE SHEET 14B OF 21 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	130B
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



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

NEW SLAB OR NEW DECK BEAM



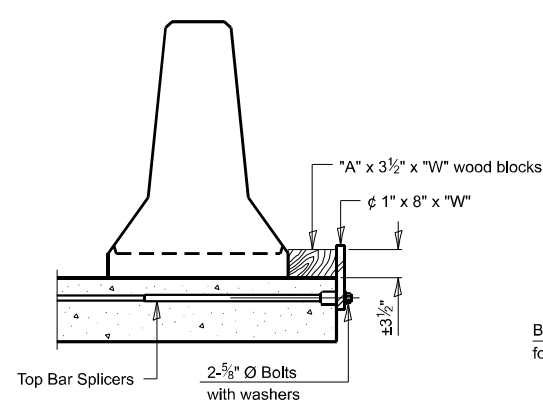
Drill 3-1 1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

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

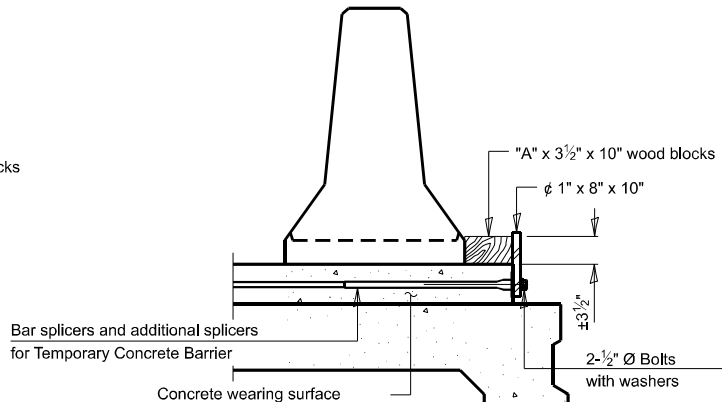
EXISTING SLAB

EXISTING DECK BEAM

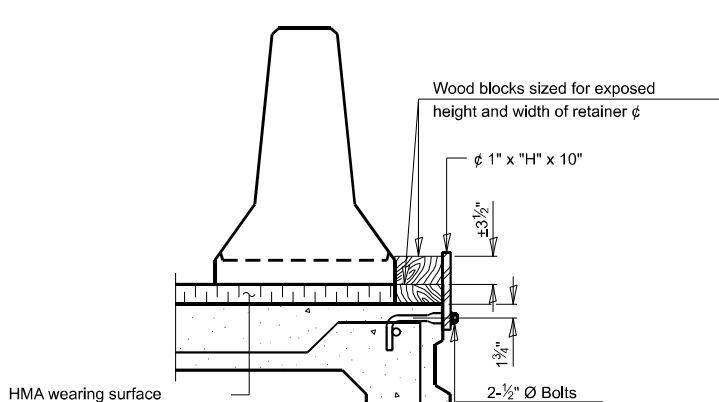
SECTIONS THRU SLAB OR DECK BEAM



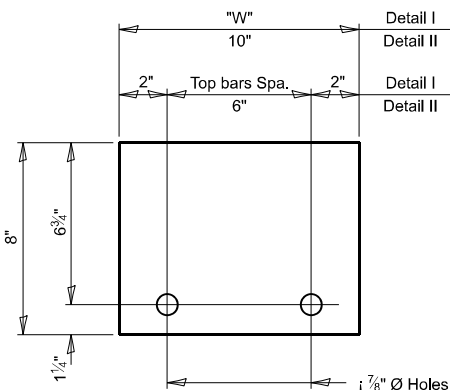
DETAIL I



DETAIL II

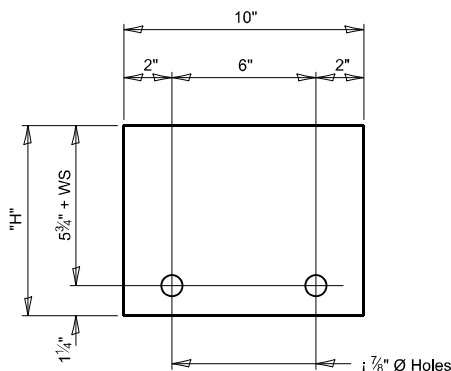


DETAIL III



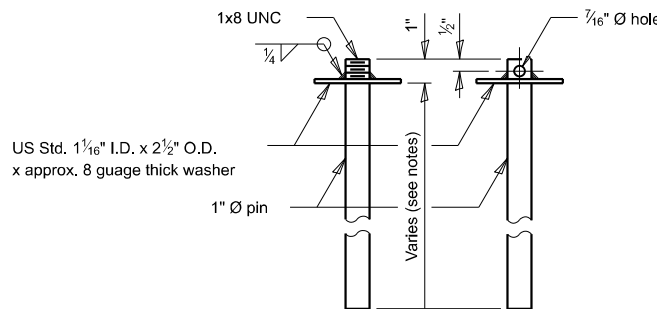
STEEL RETAINER $\bar{\bar{P}}$ 1" x 8" x "W"

(Detail I and II)

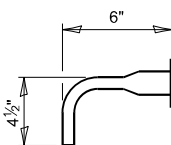


STEEL RETAINER $\bar{\bar{P}}$ 1" x "H" x 10"

(Detail III)



RESTRAINING PIN



BAR SPLICER FOR #4 BAR - DETAIL III

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

Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

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

TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION DETAILS

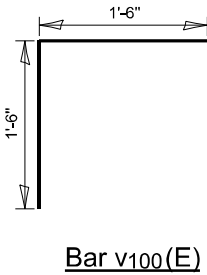
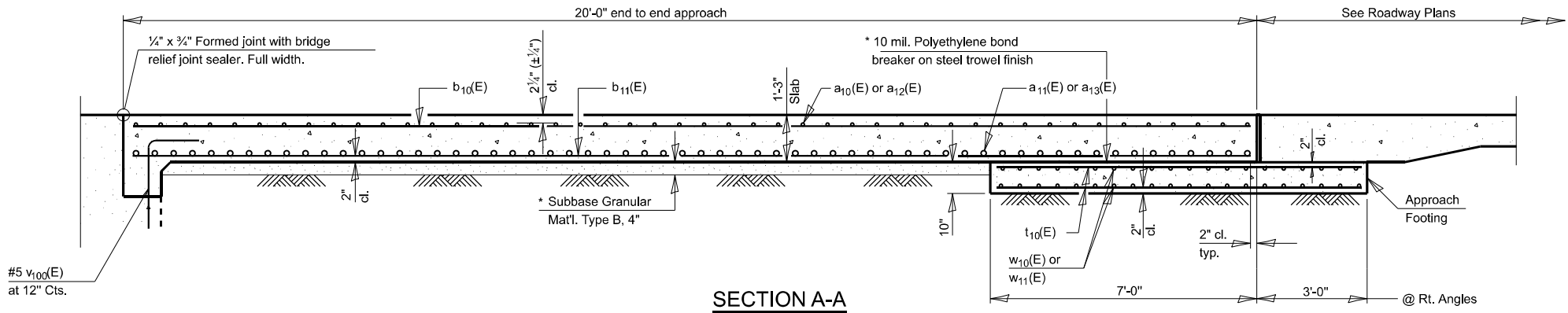
IL. RTE. 149 OVER F.A.I. RTE. 57
F.A.I. ROUTE 57 SECTION 28-5(K-1)
FRANKLIN COUNTY
STATION 157+85.75 (F.A.I. RTE. 57)
STATION 694+22.53 (IL. RTE. 149)
STRUCTURE NO. 028-0039

MODEL: Temporary Concrete Barrier for Stage Construction Details (Sheet)
FILE NAME: \\p016schm\Drawings\concrete\DOT\Office\District 9\BPD Projects\78814\CADDdata\CADsheets\0978814-SynQ-Structures.dgn

R-27 8-11-2017

	USER NAME = Zachary,Lomax		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		CHECKED -	REVISED -					873	(28-5)K-1	FRANKLIN	162	131
	PLOT SCALE = 0.16666633 ' / in.		DATE -	REVISED -		SCALE:			CONTRACT NO. 78814				
	PLOT DATE = 6/21/2023					SHEET 15 OF 21 SHEETS			ILLINOIS FED. AID PROJECT				

Notes:
Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
Approach footing concrete shall be paid for as Concrete Structures.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
Cost of excavation for approach footing included with Concrete Structures.



MODEL: Approach Details-1 [Sheet]
FILE NAME: p:\illobsew\seattle\com\p\m\DOT\Documents\IDOT Offices\District 9\9BD Projects\78814\CADData\CADsheets\0978814-SynQ-Structures.dgn

USER NAME = Zachary.Lomax	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 0.16666633 1/1 in.	CHECKED -	REVISED -
PLOT DATE = 6/21/2023	DATE -	REVISED -

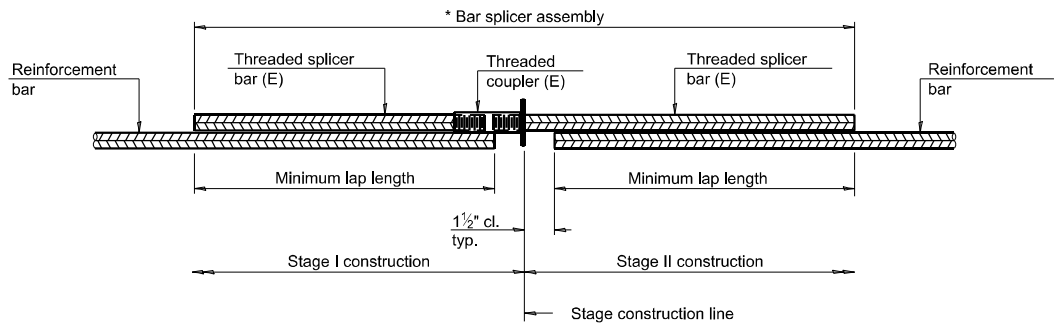
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROACH DETAILS 2
STRUCTURE NO. 028-0039

SCALE: SHEET 17 OF 21 SHEETS STA. TO STA.

(Sheet 2 of 2)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	133
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

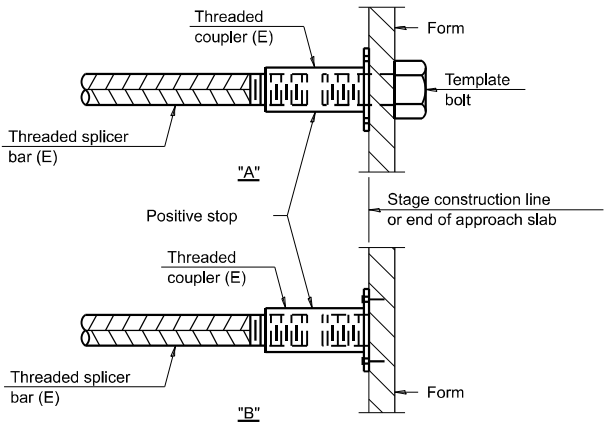


STANDARD BAR SPLICER ASSEMBLY PLAN
(All components shall be provided from one supplier)

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

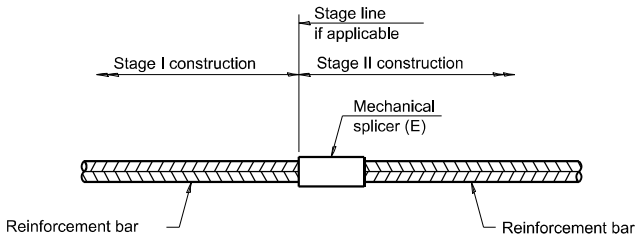
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Deck	#5	16	3'-6"
Hatch Block	#6	8	4'-0"
Top Appr. Slab	#5	60	3'-0"
Bot. Appr. Slab	#8	80	4'-9"
Top Appr. Ftg.	#5	40	3'-2"
Bot. Appr. Ftg.	#5	40	3'-2"



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

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.

BAR SPLICER ASSEMBLY DETAILS
IL. RTE. 149 OVER F.A.I. RTE. 57
F.A.I. ROUTE 57 SECTION 28-5(K-1)
FRANKLIN COUNTY
STATION 157+85.75 (F.A.I. RTE. 57)
STATION 694+22.53 (IL. RTE. 149)
STRUCTURE NO. 028-0039

MODEL: Bar Splicer Details-1 [Sheet]
FILE NAME: p:\ilhighways\detail\com\pwm\DOT\Documents\IDOT\Office\District 9\BPD Projects\78814\CADDData\CADDsheets\0978814-Spec-Structures.dgn

BSD-1

1-1-2020

	USER NAME = Zachary,Lomax	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BAR SLICER ASSEMBLY DETAILS STRUCTURE NO. 028-0039		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				873	(28-5)K-1	FRANKLIN	162	135
	PLOT SCALE = 0.16666633 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 78814				
	PLOT DATE = 6/21/2023	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 19 OF 21 SHEETS		STA.		TO STA.					

Bench Mark: Steel bolt set in N.W. handrail of C. & E.I. R.R. and 7th Street Bridge - Southbound lanes. Sta. 119+71.94, Elev. 420.30
Existing Structure: S.N. 028-0039 built as F.A.I. Rte. 57, Sec. 28-5H(BF)-I in 1963. The Superstructure consists of R.C. deck supported on 4 span continuous W.F. beams. The Contractor shall remove and replace the existing R.C. deck, and reuse substructure units and steel, utilizing stage construction. No salvage.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET NO.
F.A.I. 57	28-5HB-UD	FRANKLIN		23 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

Fasteners shall be high strength bolts. Bolts $\frac{3}{4}$ " ϕ , open holes $\frac{5}{16}$ " ϕ , unless otherwise noted.

Field welding of construction accessories will not be permitted to the bottom flange of beams nor to the top flange for a distance equal to one-fourth the span length each way from the pier supports. Field welding in other areas will be permitted only when approved by the Engineer.

Reinforcement bars shall conform to the requirements of AASHTO M-31, M-42 or M-53 Grade 60.

Plan dimensions and details relative to existing structure have been taken from existing plans, and a field survey, and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Two $\frac{1}{8}$ " adjusting shims, of the dimensions of the top bearing plate at Piers #1 & #3 and of the bottom bearing plate at Pier #2, and the E. & W. Abut. shall be provided for each new bearing in addition to all other plates or shims.

Cleaning and painting of the existing structural steel shall be as specified in the Special Provision for "Cleaning and Painting Existing Steel Structures". All existing structural steel within 5 feet of either side of expansion joints shall be cleaned by Method 1. All remaining existing structural steel shall be cleaned by Method 2. The Lead and Chromate Free Alkyd Paint System shall be used for painting of existing structural steel. The prime and intermediate coats shall be applied as specified in the special provision followed by one complete final finish coat over all steel surfaces.

The estimated area to be cleaned by Method 1 is 1080 sq. ft.

The Inorganic Zinc-Silicate/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 the fascia Beams shall be Interstate Green, Munsell No. 7.5 G 4/8. The color of the finish coat for the interior Beams shall be Light Grey, Munsell No. 10 Y 7/1.

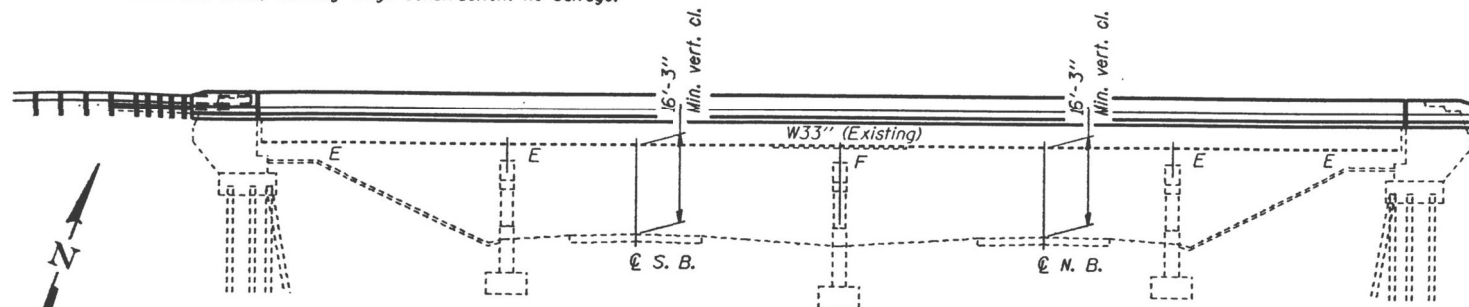
(General Notes continued on next sheet)

TOTAL BILL OF MATERIAL

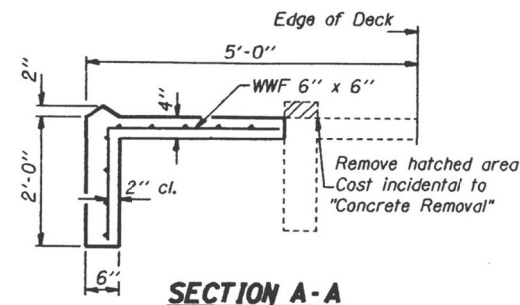
ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu. Yd.		22	22
*** Removal of Existing Concrete Deck	Each	1		1
Floor Drains	Each	2		2
Concrete Superstructure	Cu. Yd.	490.8		490.8
Protective Coat	Sq. Yd.	2045		2045
Elastomeric Brg. Assembly Type I	Each	26		26
Elastomeric Brg. Assembly Type II	Each	26		26
Structural Steel	Lbs.	22,550		22,550
Reinforcement Bars, Epoxy Coated	Lbs.	112,810	4260	117,070
Name Plates	Each	1		1
Bridge Deck Grooving	Sq. Yd.	1555		1555
Jack & Remove Exist. Bearings	Each	65		65
Structure Excavation	Cu. Yd.		19	19
Preformed Joint Seal 4"	Ft.	161		161
Drainage Scuppers	Each	1		1
Drainage Scuppers Special	Each	3		3
Cleaning and Painting Steel Bridge	L. Sum	1		1
Power Tool Cleaning Residue Containment and Disposal	L. Sum	1		1
Blasting Residue Containment and Disposal	L. Sum	1		1
Slope Wall 4"	Sq. Yd.	99		99
Stud Shear Connectors	Each	6747		6747

*** Includes Removal of existing railing and expansion plates.
▲ Includes deck & top and inside face of Parapet.

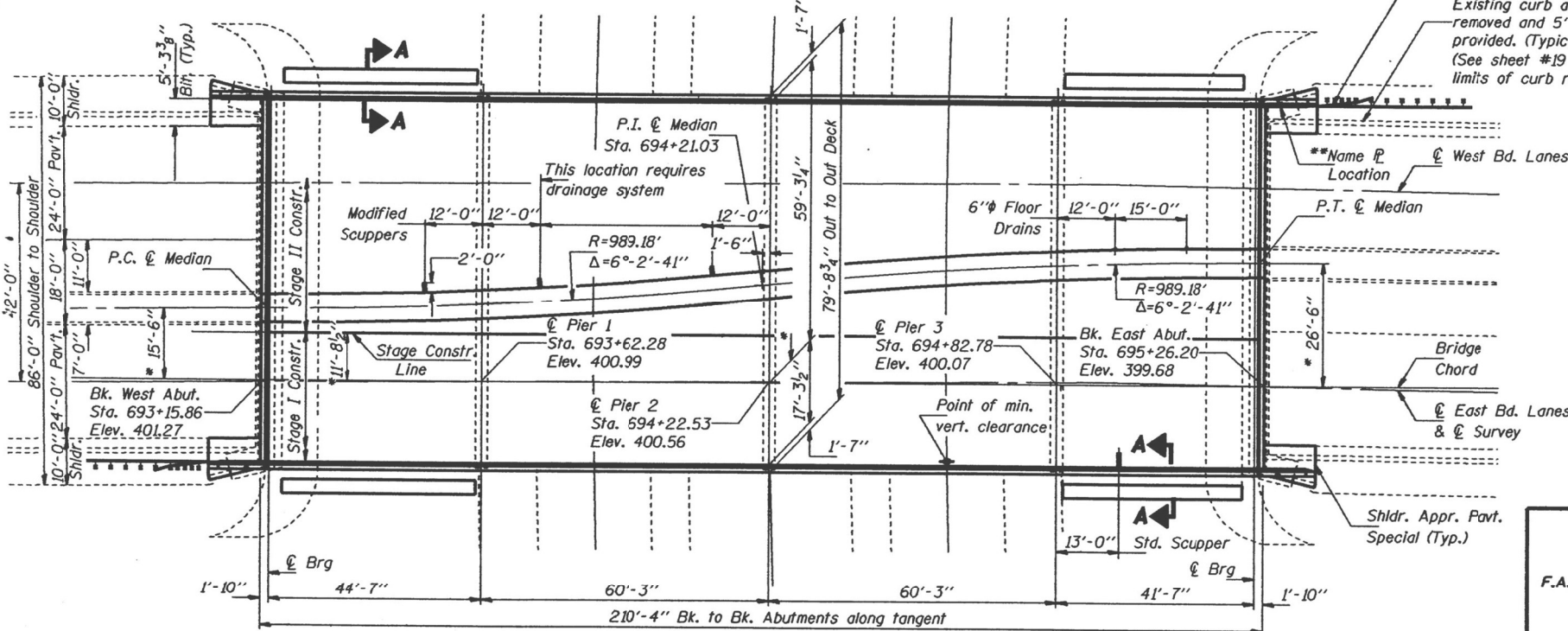
GENERAL PLAN
ILL. RTE. 149 OVER F.A.I. RTE. 57
F.A.I. ROUTE 57 SECTION (28-5HB-UD)
FRANKLIN COUNTY
STATION 157+85.75 (F.A.I. RTE. 57)
STATION 694+22.53 (ILL. RTE. 149)
STRUCTURE NUMBER 028-0039



ELEVATION



SECTION A-A



PLAN

* Measured from bridge chord.

CURVE DATA

(Ill. Route 149)
 $\Delta = 3^\circ-13.07'$
 $D = 0^\circ-34'$
 $L = 567.86'$
 $T = 284.00'$
 $R = 10,111.06'$

DESIGN SPECIFICATIONS

1992 AASHTO &
1983 Seismic Retrofitting Guidelines for Highway
Bridges. (FHWA/RD-83 / 007)

LOADING HS 20-44

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

DESIGN STRESSES

FIELD UNITS

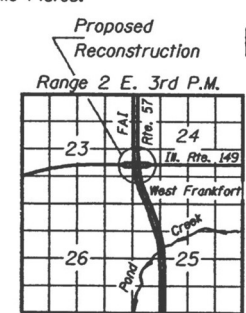
$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinf.)
 $f_y = 36,000$ psi (Str. Steel - M270 Gr.36)
 $f_s = 18,000$ psi (Existing Structural Steel)

SEISMIC DATA

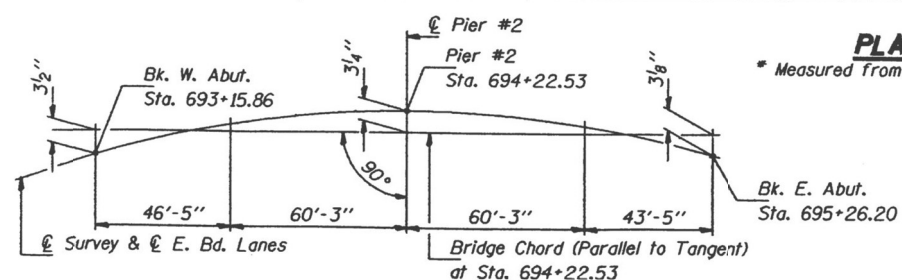
Seismic Performance Category = B
Acceleration Coefficient = 0.095
Site Coefficient = 0.1

NAME PLATE

** Existing Name Plate to be cleaned and relocated next to the new Name Plate on the New Parapet. Cost incidental to "Name Plates."



LOCATION SKETCH



OFFSET SKETCH

DESIGNED	Michael D. Cline
CHECKED	Shaker Asfour
DRAWN	John F. Schmeller Jr.
CHECKED	J.P.

June 13, 1994
EXAMINED
PASSED



PROFILE GRADE

ILL. Rte. 149 Along E.B. Lanes

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY
SN 028-0039

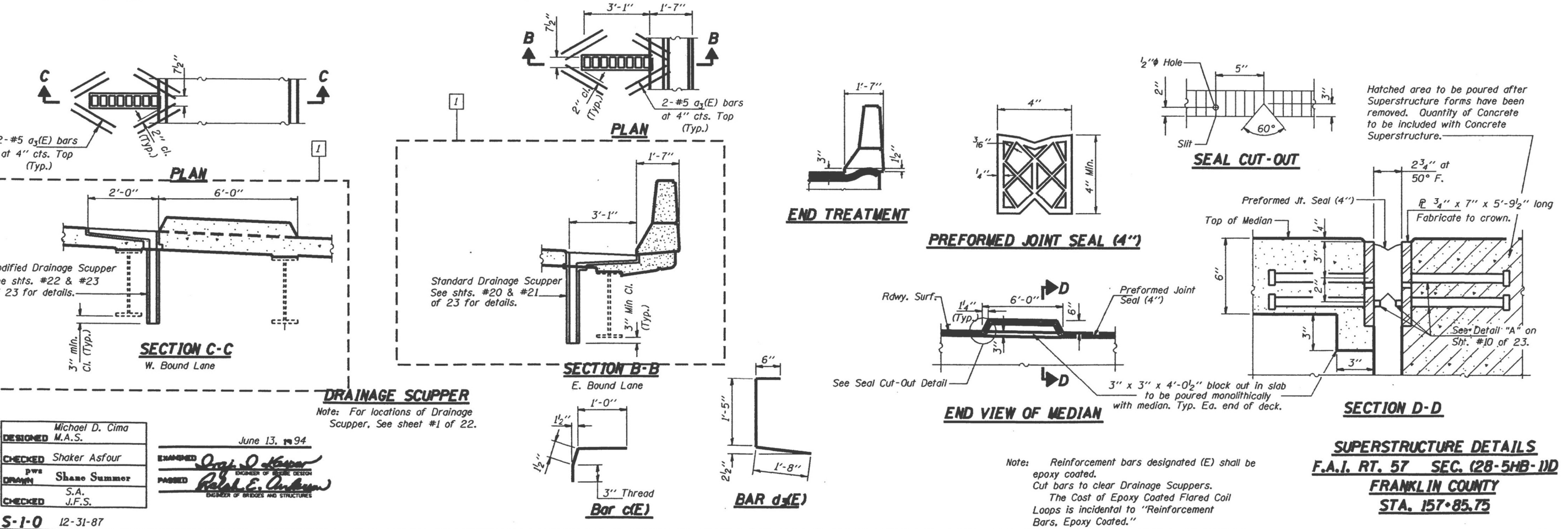
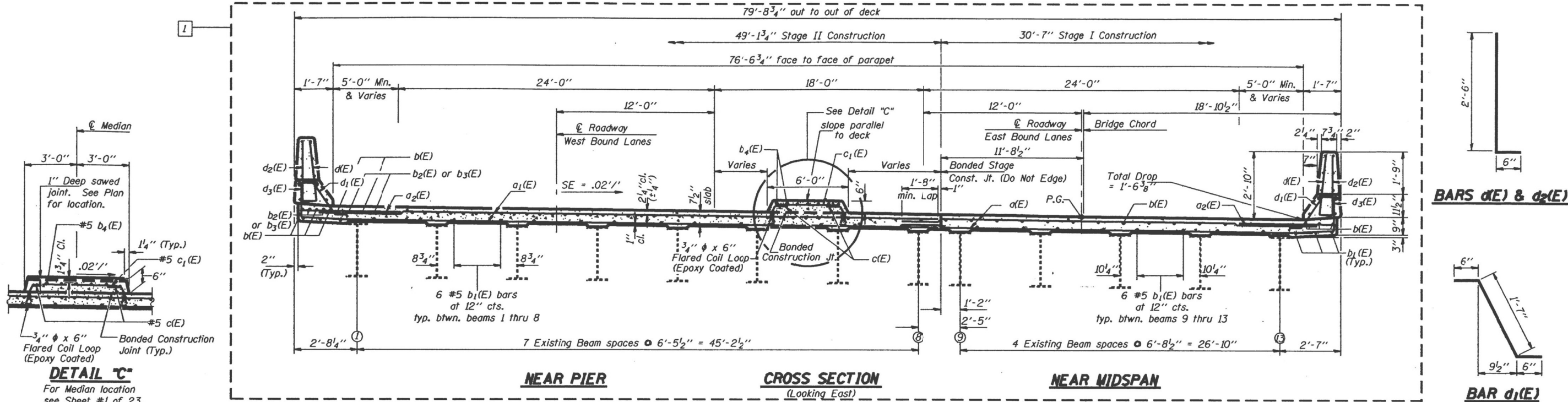
SCALE: _____ SHEET 20 OF 21 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	136
CONTRACT NO. 78814				
ILLINOIS / FED. AID PROJECT				

FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	28-5HB-1D	FRANKLIN	162	137
SHEET NO. 9				
23 SHEETS				



DESIGNED	Michael D. Cima
CHECKED	Shaker Asfour
DRAWN	Shano Summer
CHECKED	S.A. J.F.S.
S-1-0	12-31-87

June 13, 1994

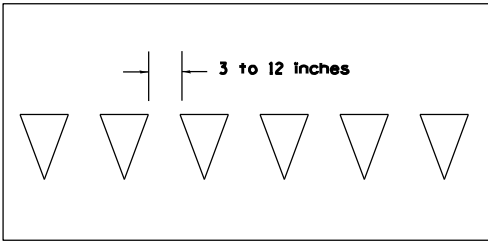
ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

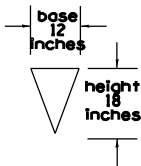
FOR INFORMATION ONLY
SN 028-0039

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	137
CONTRACT NO. 78814				

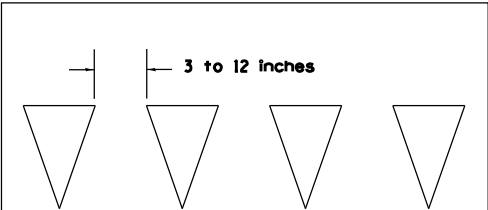
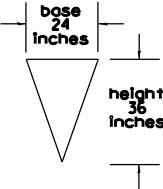
Figure 3B-16. Recommended Yield Line Layouts



(a) Minimum Dimensions



(b) Maximum Dimensions



12 ft

Direction of travel

Notes:
Triangle height is equal to 1.5 times the base dimension.

Yield lines may be smaller than suggested when installed on much narrower, slow-speed facilities such as shared-use paths.

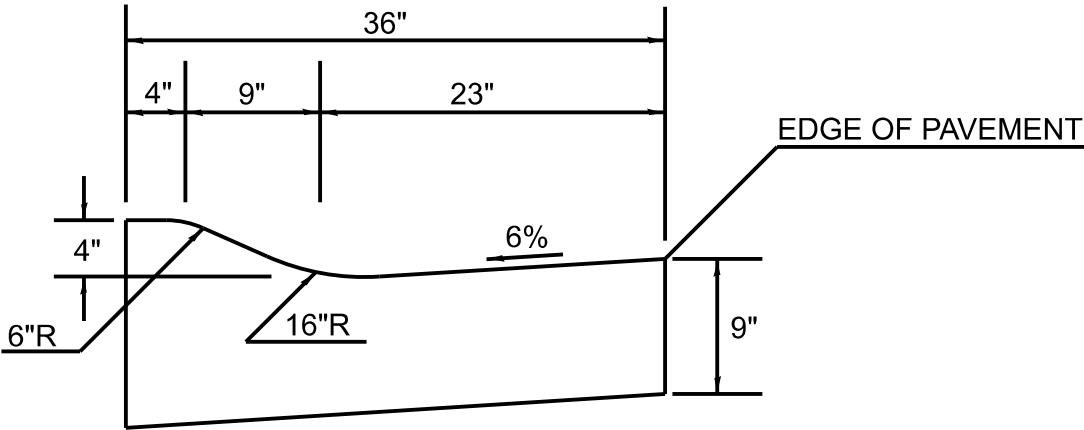
MODIFIED URETHANE PAVEMENT MARKING-LETTERS AND SYMBOLS

SIDE CURB

MODIFIED URETHANE PAVEMENT MARKING LETTERS AND SYMBOLS

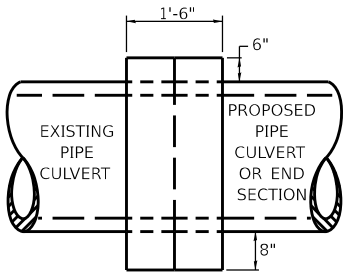
MODIFIED URETHANE PAVEMENT MARKING - LINE 12"

CROSSWALK PAVEMENT MARKING
DETAIL (TYPICAL)

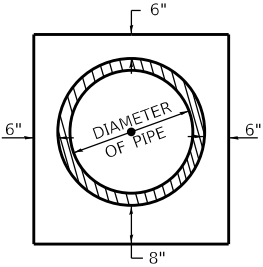


COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)

**CONCRETE COLLAR
PIPE TO PIPE**



SIDE VIEW



END VIEW

TABULATION

DIAMETER OF PIPE	CL SI CONC CU YDS EST
12"	0.24
15"	0.29
18"	0.32
24"	0.44
30"	0.56
36"	0.66
42"	0.80
48"	0.93
54"	1.07
60"	1.22
72"	1.55

THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE COLLAR, AS SHOWN ON THE PLANS, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS THE EXISTING HEADWALLS AS MAY BE REQUIRED.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

REVISIONS	
DRAWN	7-13-90
REVISED	8-22-94
REVISED	3-26-08
REVISED	5-17-13
REVISED	10-21-21

STD. 9-79

MODEL NUMBER
FILE NAME: 3B-16

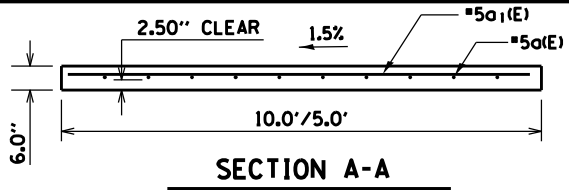
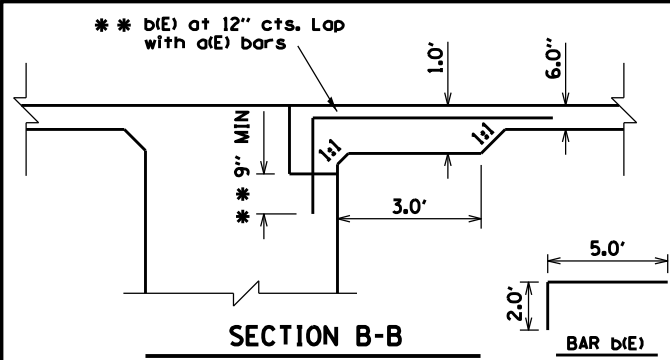
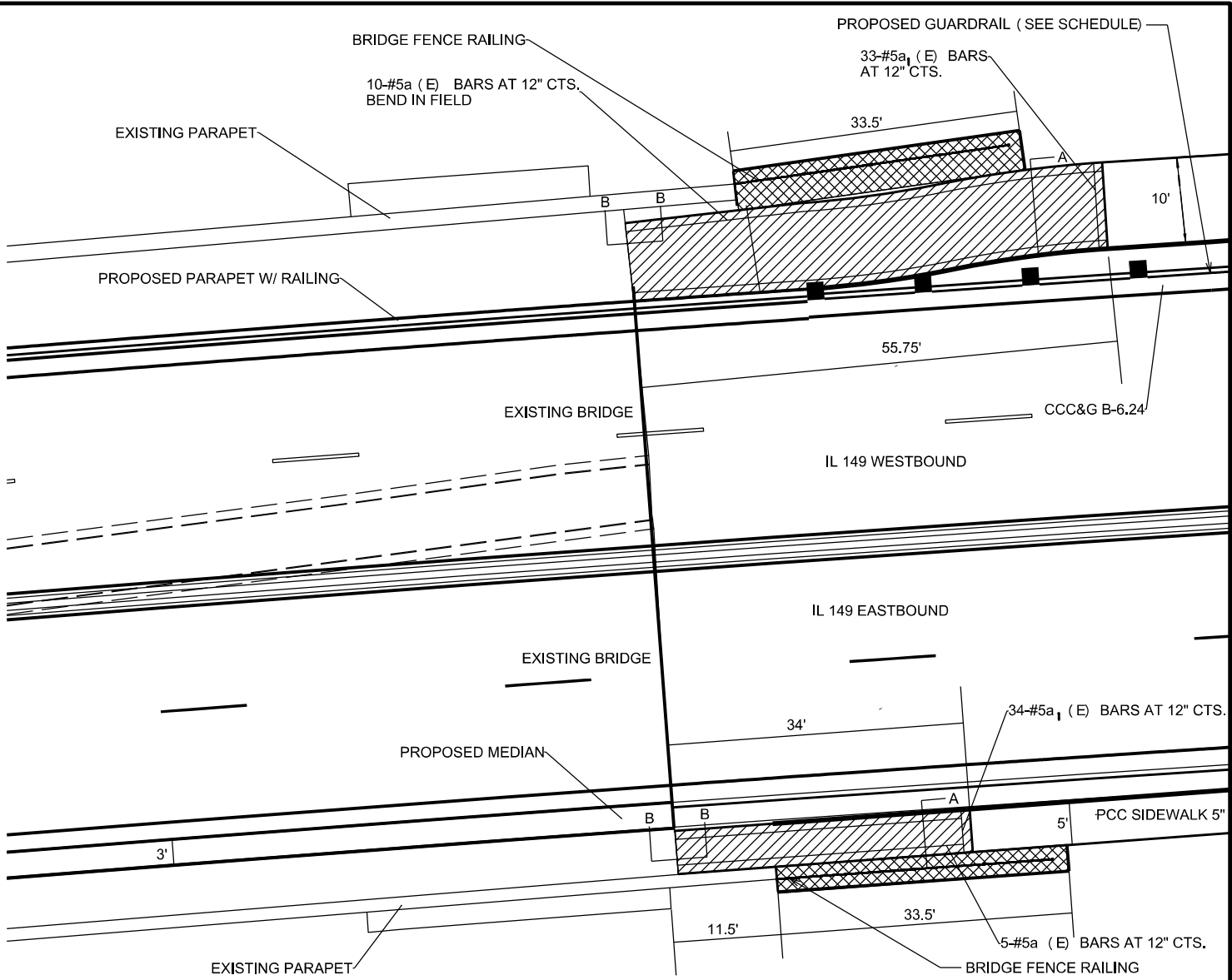
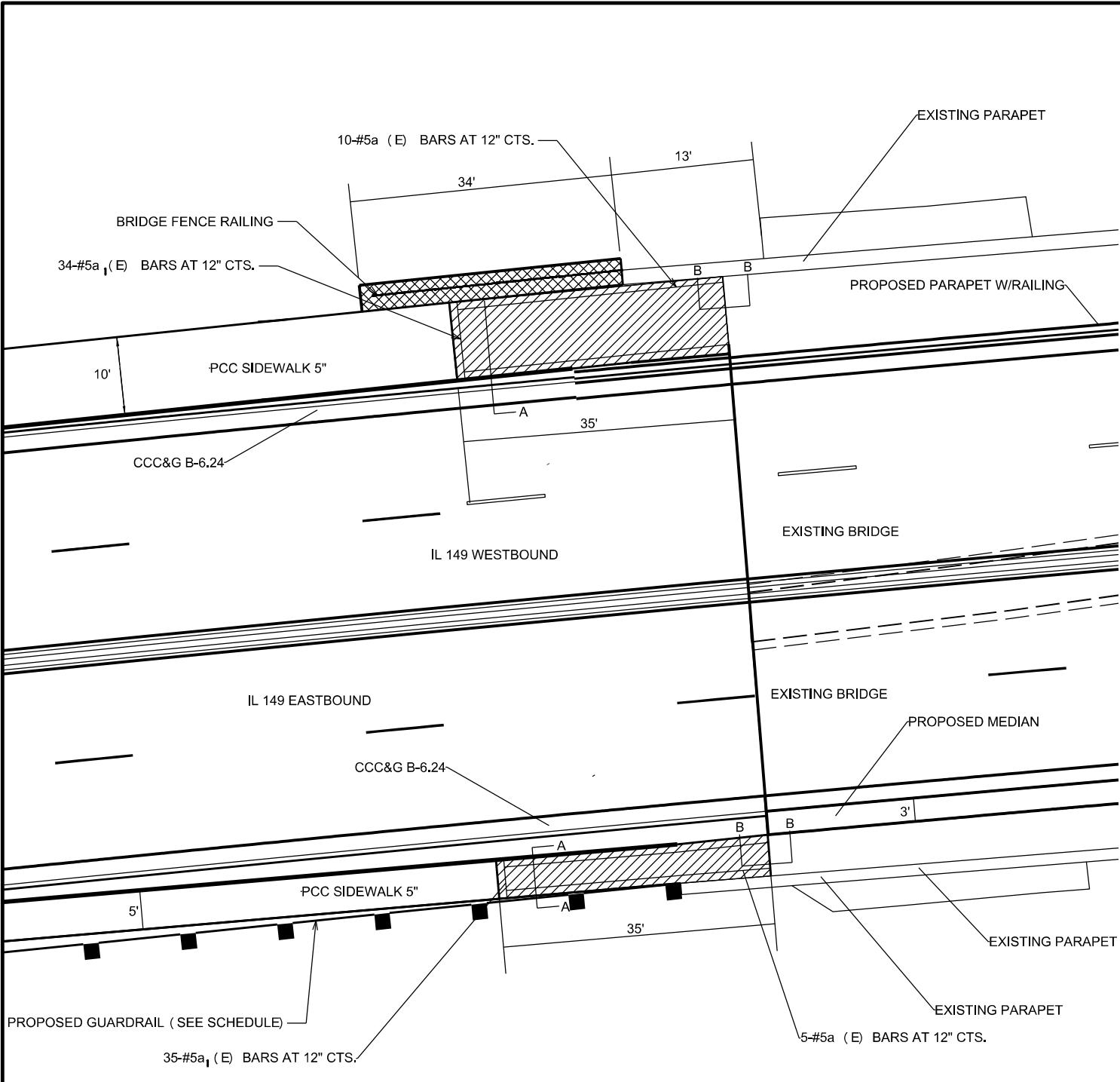
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	DRAWN -	REVISED -
PLOT SCALE = 5SCALES	CHECKED -	REVISED -
PLOT DATE = 5DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	138
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				



*** BILL OF MATERIAL**
(TOTAL FOR 4 LOCATIONS)

BAR	No.	SIZE	LENGTH	SHAPE
a(E)	10	#5	54'-0"	—
a(E)	20	#5	34'-0"	—
a ₁ (E)	77	#5	9'-0"	—
a ₁ (E)	69	#5	4'-0"	—
b(E)	30	#5	7'-0"	┐

ALL REINFORCEMENT BARS SHALL BE EPOXY COATED.

* ALL REINFORCEMENT BARS AND EXPANSION JOINTS WILL BE INCLUDED IN THE COST OF PCC SIDEWALK 6", SPECIAL.

DESIGN STRESSES

$f_y = 60,000 \text{ PSI}$

$f'_c = 3,500 \text{ PSI}$

 PCC SIDEWALK 6", SPECIAL

 PCC SHOULDER 6"

6" PCC SHOULDER SHALL EXTEND TO 18" BEHIND CENTER OF BRIDGE FENCE RAILING AS SHOWN. COST OF 6" PCC SHOULDER SHALL BE INCLUDED IN THE COST OF BRIDGE FENCE RAILING. SEE STRUCTURE PLANS FOR BRIDGE FENCE RAILING DETAILS.



NOT TO SCALE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

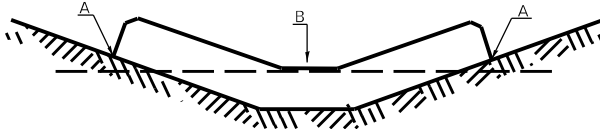
DETAIL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	139
CONTRACT NO. 78814				ILLINOIS FED. AID PROJECT

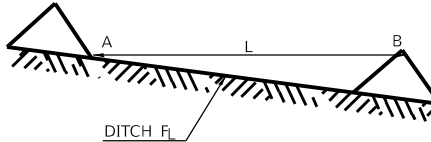
TEMPORARY DITCH CHECKS

PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY



POINTS A SHOULD BE HIGHER THAN POINT

SPACING BETWEEN TEMPORARY DITCH CHECKS



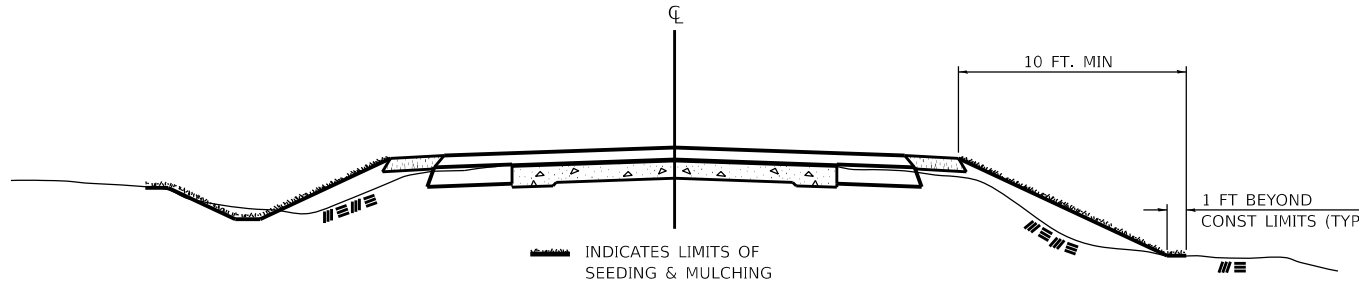
L = THE DISTANCE SUCH THAT POINTS
A AND B ARE OF EQUAL ELEVATION

B = THE LOW POINT
IN CENTER OF CHECK

REVISIONS	
DRAWN	9-01-99
REVISED	10-3-01
RESIZED	5-8-08
REVISED	05-04-10
REVIEWED	5-17-13
REVISED	10-21-21

STD. 9-108

SEEDING & MULCHING



GENERAL NOTES

IN GENERAL, ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SEEDED AND MULCHED UPON COMPLETION OF ALL GRADING OPERATIONS

ON DETOUR ROADS, SLOPES SHALL BE SEEDED IMMEDIATELY UPON COMPLETION OF ANY GIVEN STAGE GRADING. TEMPORARY SEEDING SHALL BE CLASS 7.

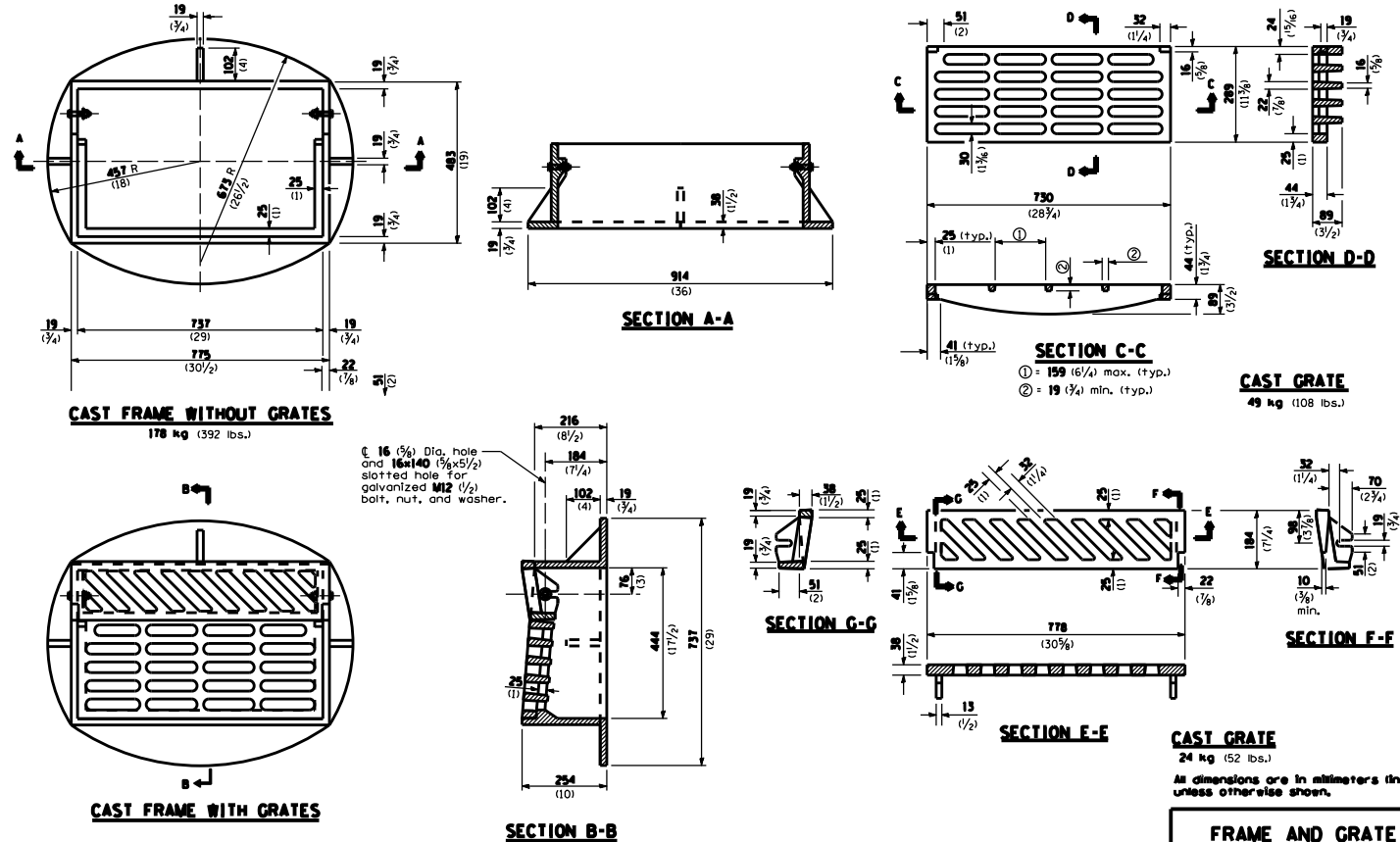
FERTILIZER NUTRIENTS SHALL BE APPLIED TO ALL SEEDED AREAS.
LIMESTONE SHALL BE APPLIED TO ALL AREAS OF FINAL SEEDING.

THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIMESTONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR ROAD AND BRIDGE CONSTRUCTION.

SECTIONS 250 AND 251 SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN
OR AS NOTED IN THE SPECIAL PROVISIONS.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
REVISED	6-3-99
REVISED	3-27-08
REVISED	5-16-13
REVISED	10-21-21

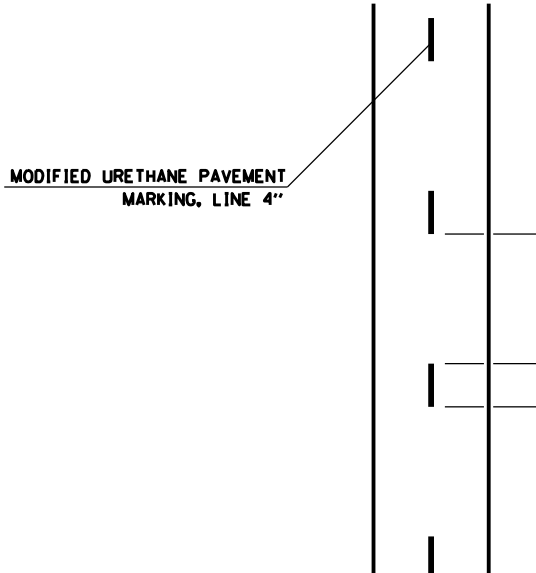
STD. 9-12



FRAME AND GRATE TYPE 9C

PAVEMENT MARKING DETAILS

MULTI-USE TRAIL



USER NAME = SUSERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = SSCALES	CHECKED -	REVISED -
PLOT DATE = SDATES	DATE -	REVISED -

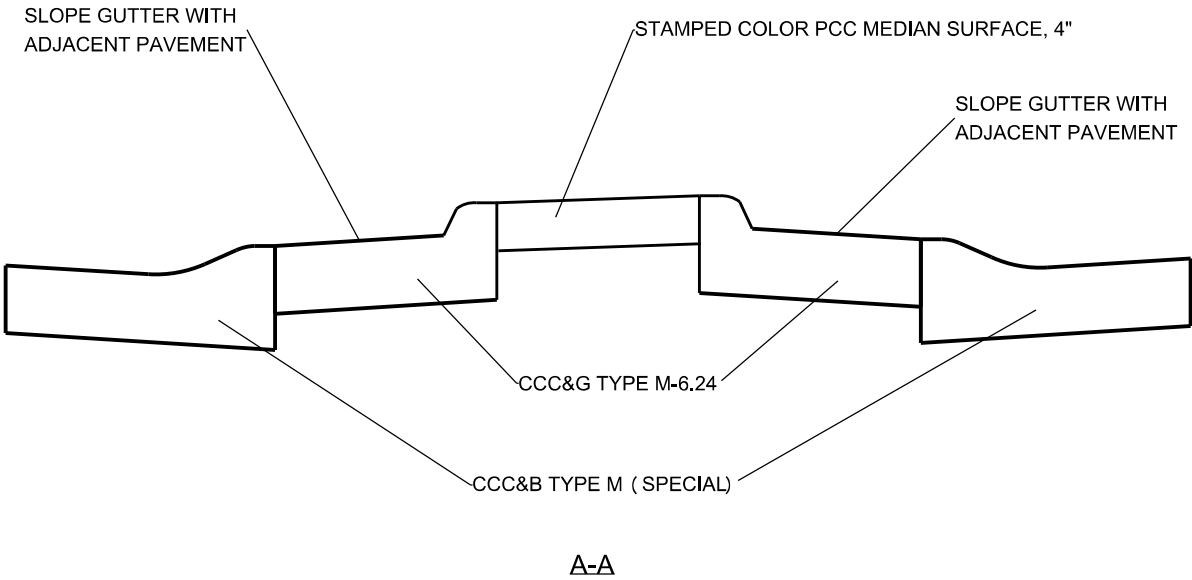
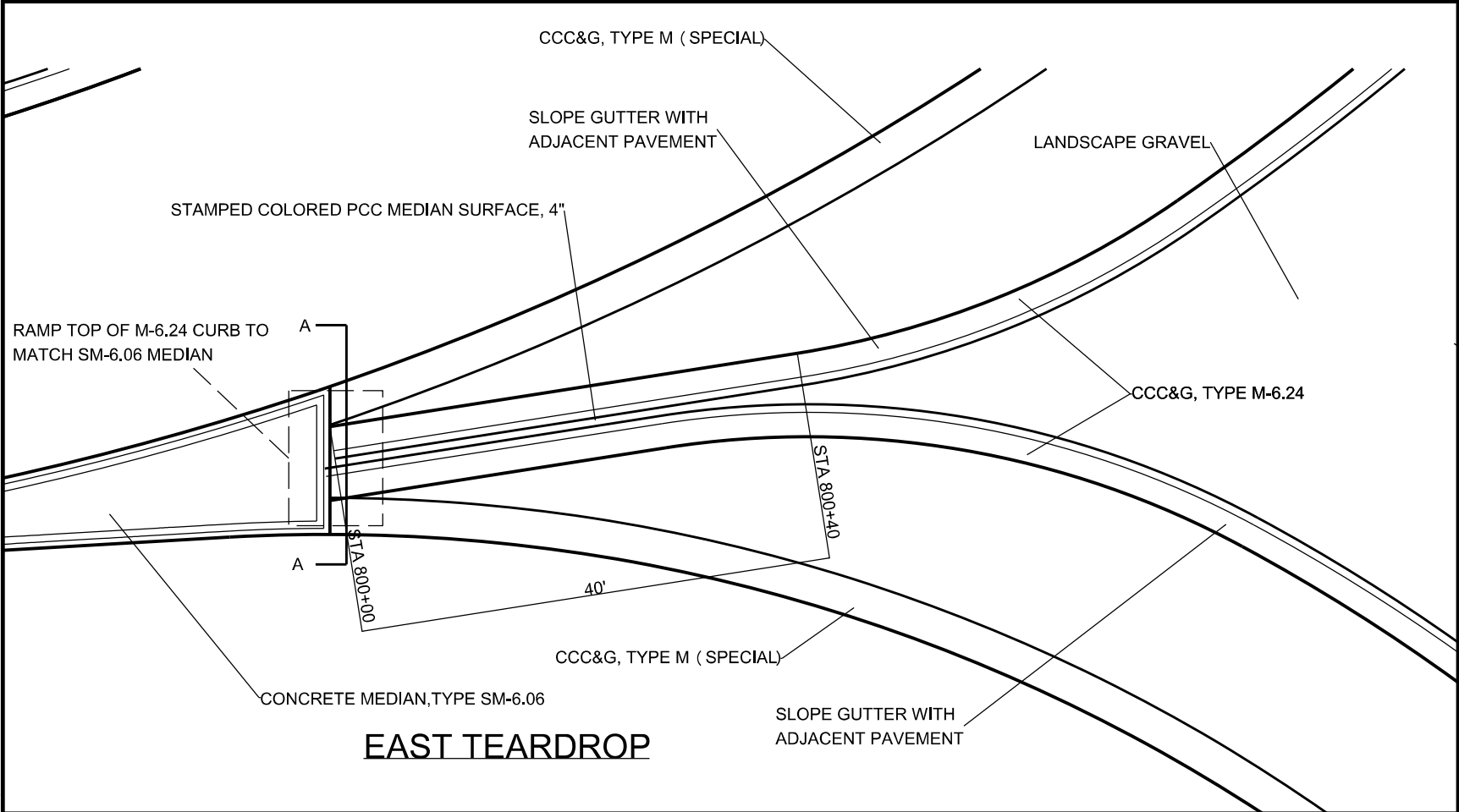
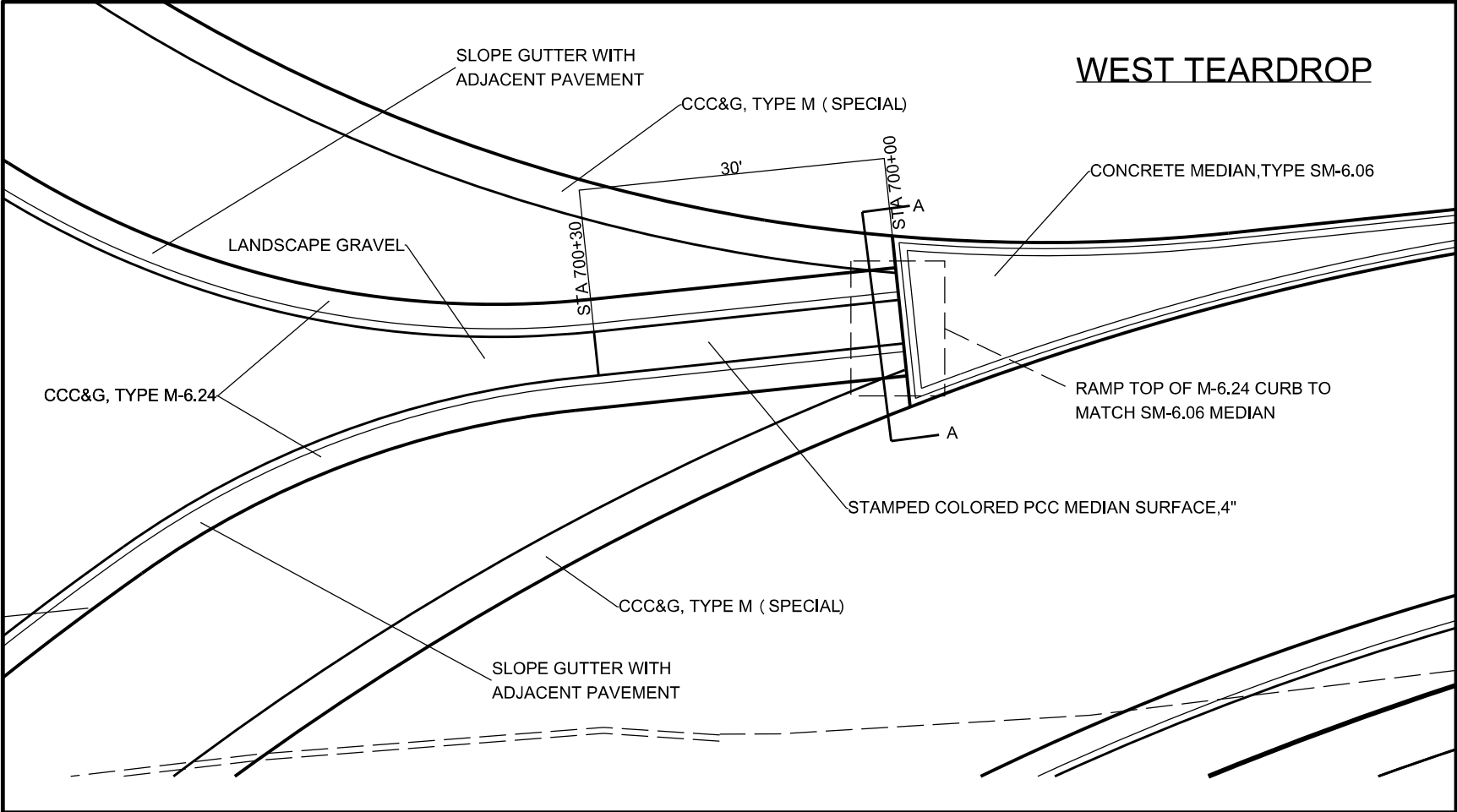
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAIL SHEE

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	140
		CONTRACT NO. 78814		
ILLINOIS		FED. AID PROJECT		

MODEL: \$MODELNAMES



MODEL: SHOEI MAMES
FILE NAME: 78814

USER NAME	= USERS	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= \$DATES	DATE	-	REVISED	-

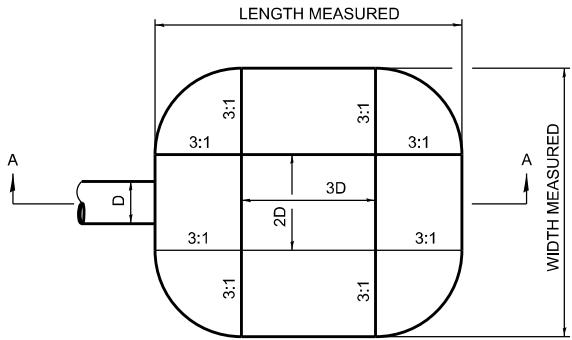
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

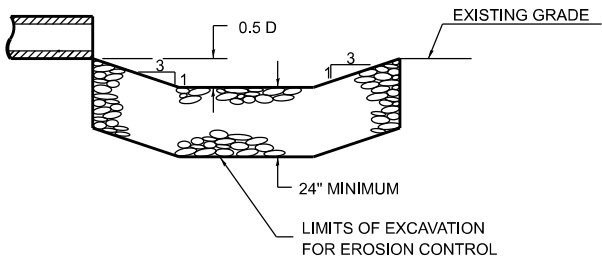
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	141
		CONTRACT NO. 78814		
ILLINOIS		FED. AID PROJECT		

ENERGY DISSIPATOR



D= INSIDE DIAMETER OF PIPE CULVERT
OR CLEAR HEIGHT OF BOX CULVERT

PLAN



SECTION A-A

EARTH EXCAVATION FOR ENERGY DISSIPATOR

THIS WORK INVOLVES THE EXCAVATION OF EARTH AS SHOWN IN THE SKETCH TO THE LENGTH, WIDTH, AND DEPTH AS SPECIFIED. THE EARTH EXCAVATION WILL BE UTILIZED IN THE ROADWAY EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER. THE EXCAVATION SHALL BE PERFORMED AT THE SAME TIME AS THE CULVERT OR DITCH IS CONSTRUCTED TO SERVE AS A TEMPORARY SEDIMENT TRAP.

EARTHWORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE RIPRAP.

ENERGY DISSIPATOR IS TO BE CONSTRUCTED AT THE LOCATION INDICATED ON THE PLAN AND PROFILE SHEETS.

RIPRAP FOR ENERGY DISSIPATOR

RIPRAP FOR ENERGY DISSIPATOR SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 281 EXCEPT AS REVISED HEREIN.

THE LENGTH, WIDTH, AND DEPTH FOR RIPRAP PLACEMENT SHALL BE AS SPECIFIED IN THESE DETAILS UNLESS OTHERWISE SPECIFIED IN THE PLANS. THE OUTSIDE CORNERS CAN BE ROUNDED OR SQUARED.

THE RIPRAP FOR THE ENERGY DISSIPATOR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR **STONE DUMPED RIPRAP**.

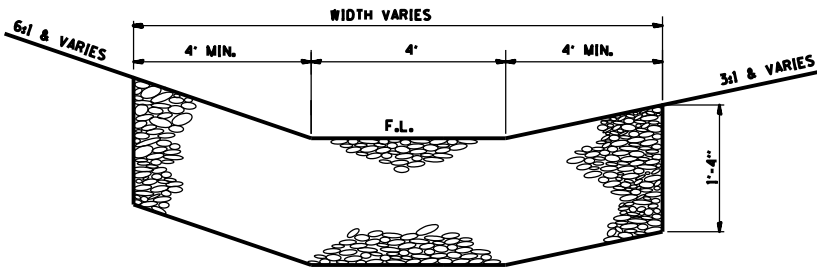
THE STONE DUMPED RIPRAP SHALL CONFORM TO THE QUALITY AND GRADATION REQUIREMENTS OF STONE RIPRAP, CLASS A4.

FILTER FABRIC AND BEDDING MATERIAL AS SPECIFIED IN SECTION 281 WILL NOT BE REQUIRED.

DRAWN	02-15-89
REVISED	03-26-08
REVISED	10-21-22
REVISED	05-03-22

STD. 9-06

TYPICAL DETAIL OF STONE RIPRAP DITCH LINING



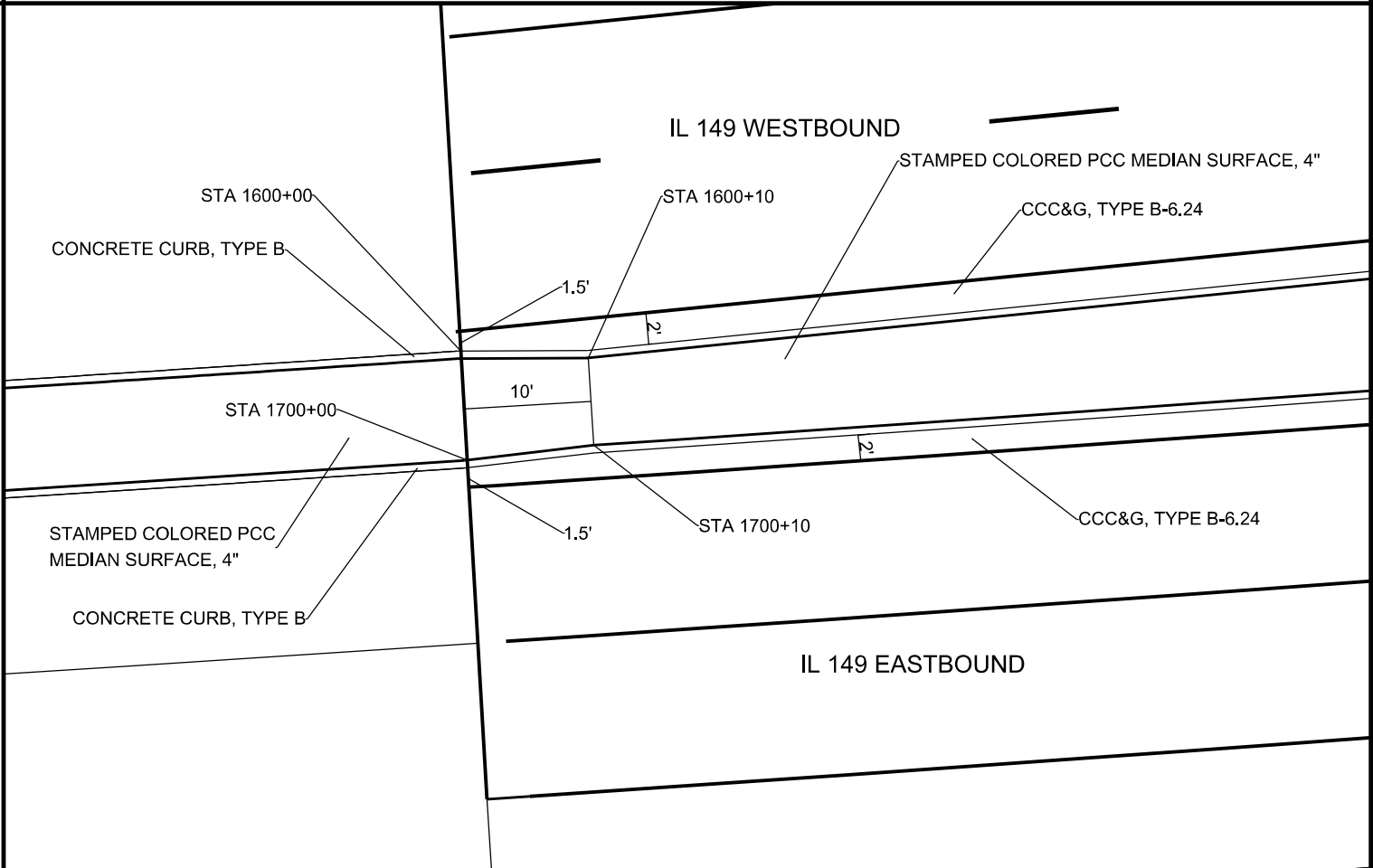
NOTES

THIS WORK INCLUDES THE EARTH EXCAVATION REQUIRED TO PLACE THE RIPRAP AS SHOWN. THE MATERIAL RESULTING FROM THE EARTH EXCAVATION SHALL BE PLACED IN THE ROADWAY EMBANKMENT, OR WASTED AS DIRECTED BY THE ENGINEER. THE EARTHWORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE DITCH.

THE RIPRAP DITCH SHALL BE CONSTRUCTED AT THE LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. CONSTRUCTION OF THE STONE RIPRAP DITCH SHALL CONFORM TO THE REQUIREMENTS FOR CLASS A4 RIPRAP AS INDICATED IN SECTION 281 OF STANDARD SPECIFICATIONS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER 50 YD FOR **STONE RIPRAP, CLASS A4**, WHICH PRICE SHALL INCLUDE ALL MATERIAL, LABOR AND EQUIPMENT TO COMPLETE THE WORK IN PLACE AS SHOWN.

BEDDING MATERIAL AND FILTER FABRIC AS SPECIFIED IN SECTION 281 OF THE STANDARD SPECIFICATIONS WILL NOT BE REQUIRED.



MODEL: SHOE11MAMES
FILE: 11MAMES-2011-01

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	DRAWN -	REVISED -
PLOT SCALE = 55CALES	CHECKED -	REVISED -
PLOT DATE = 5DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET

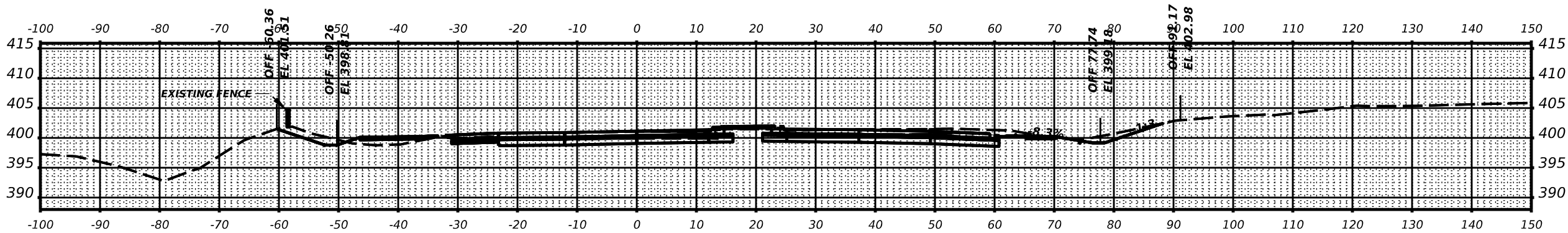
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5) K-1	FRANKLIN	162	142
				CONTRACT NO. 78814
ILLINOIS FED. AID PROJECT				

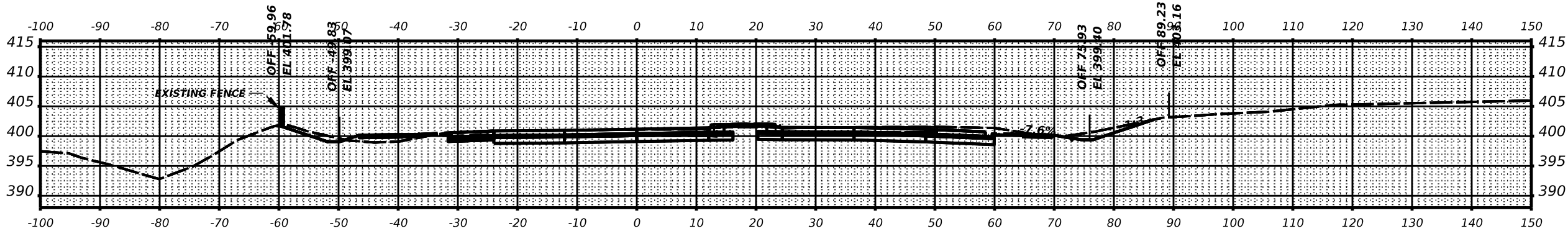
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ORIGINAL SURVEY	NO.	NO.	AREAS CHECKED	BY	DATE

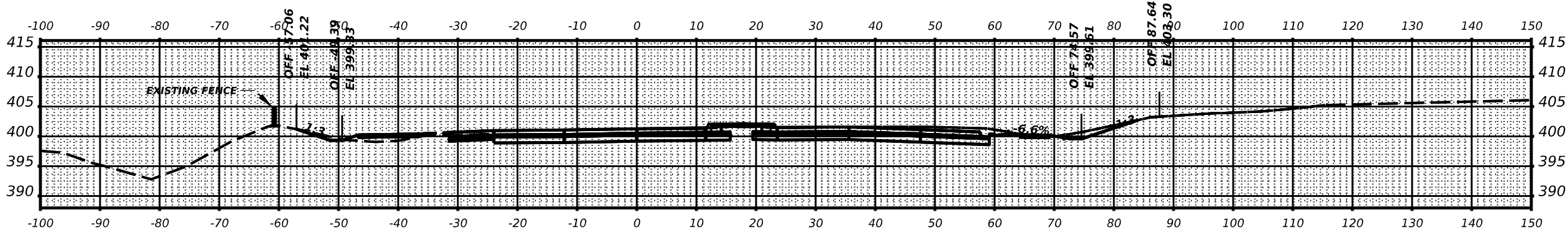
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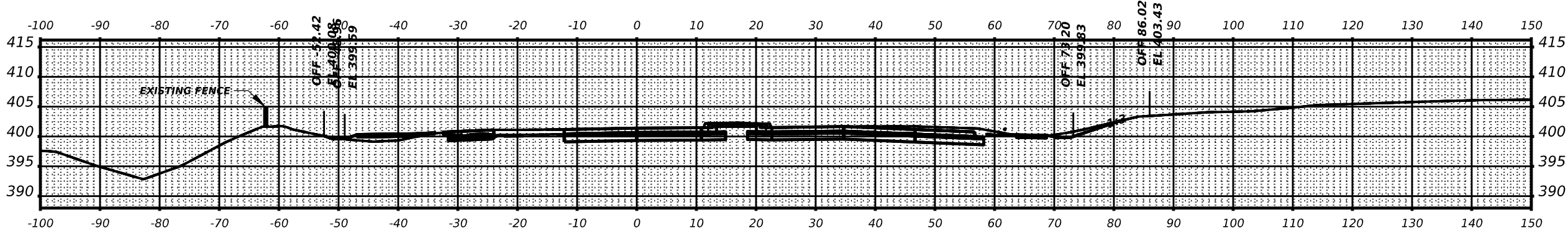
STA 1600+75.00



STA 1600+50.00



STA 1600+25.00



STA 1600+00.00

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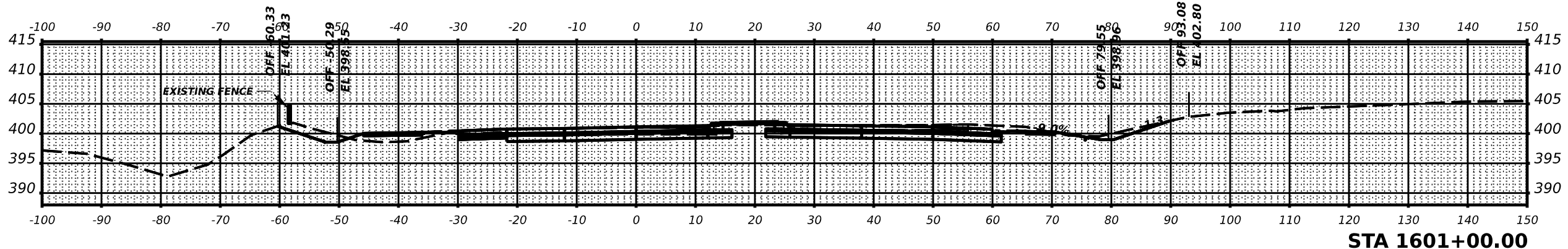
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 149 CROSS SECTIONS

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	143
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

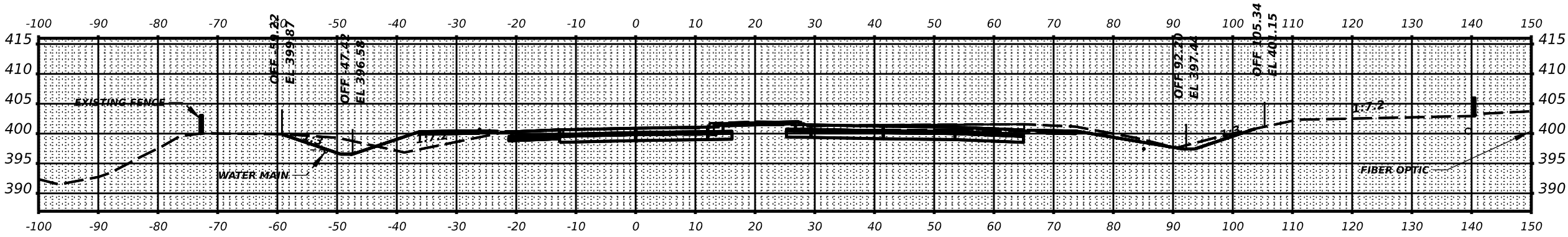
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	SURVEYED				
	PLOTTED				
	TEMPLATE				
	AREAS				
	AREAS CHECKED				
NO.					



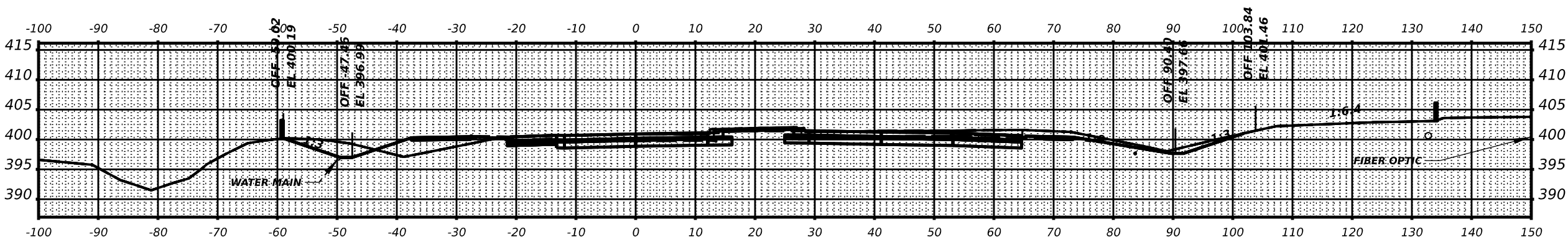
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873	(28-5)K-1	FRANKLIN	162	144
CONTRACT NO. 78814				
ILLINOIS		FED. AID PROJECT		

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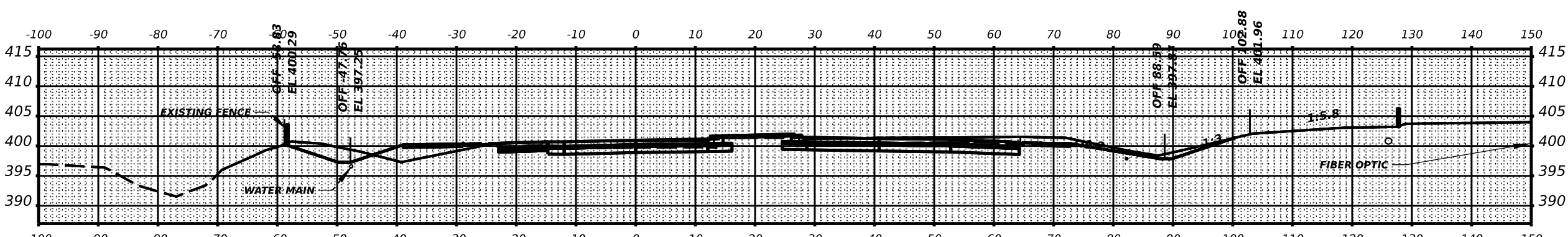
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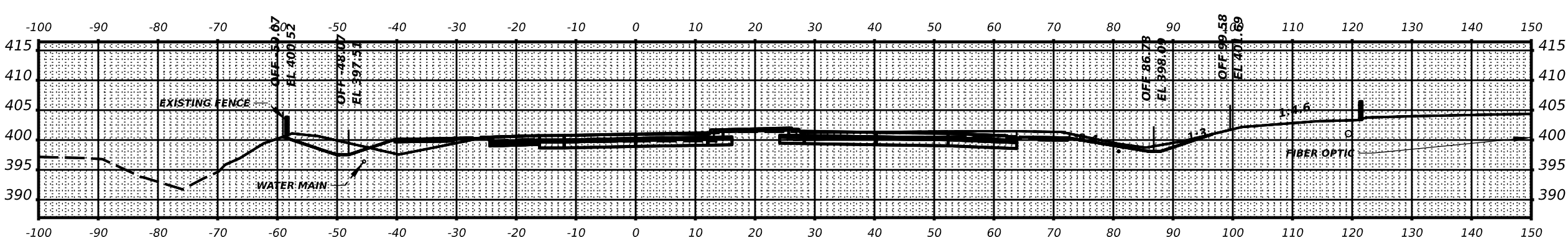
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STA 1602+50.00



STA 1602+25.00



STA 1602+00.00

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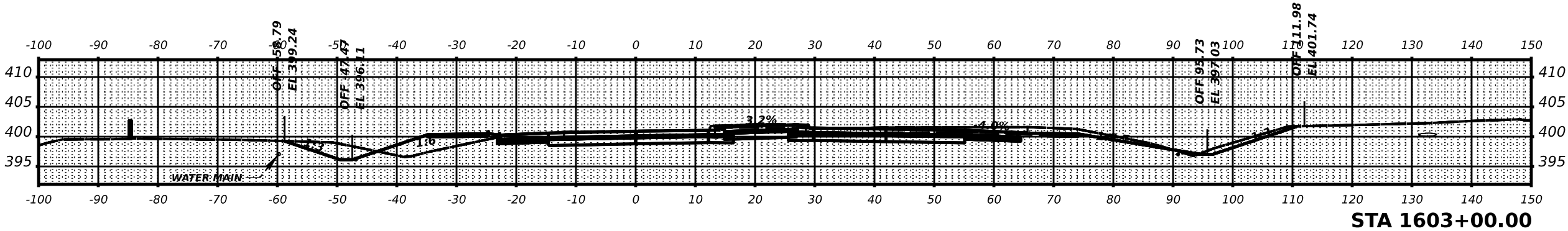
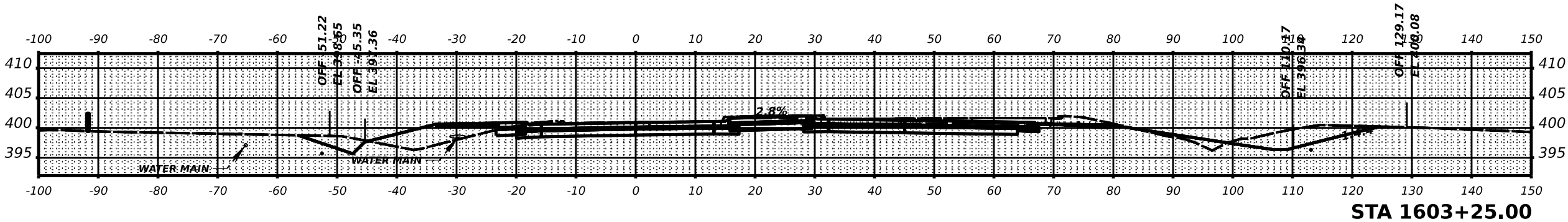
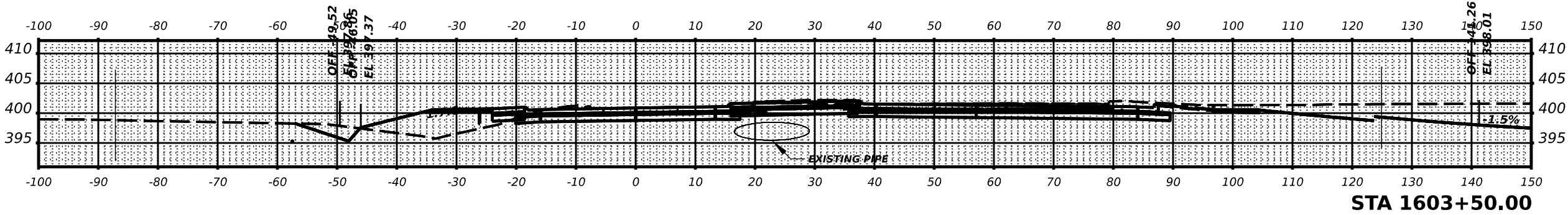
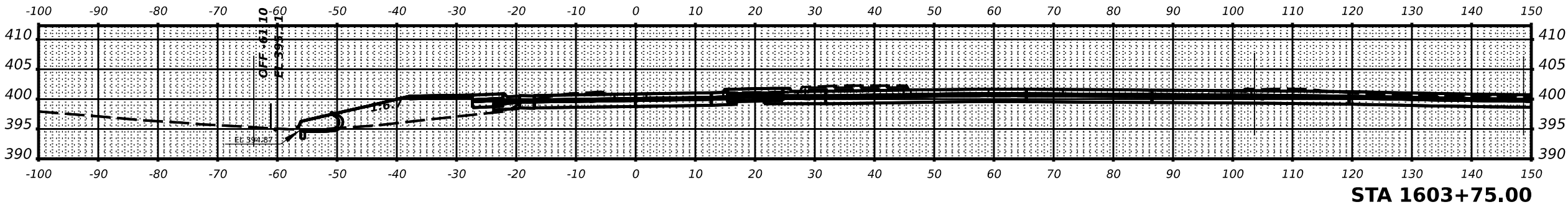
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 149 CROSS SECTIONS

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	145
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

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



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

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FILE NAME: \$FILES\$

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PLOT DATE = \$DATES\$	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 149 CROSS SECTIONS

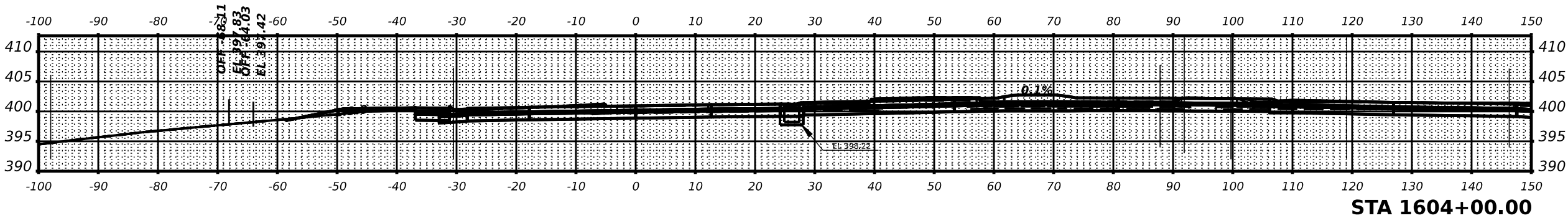
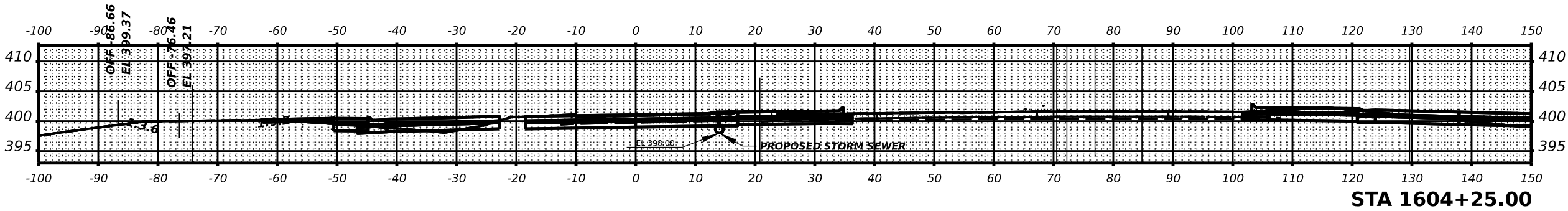
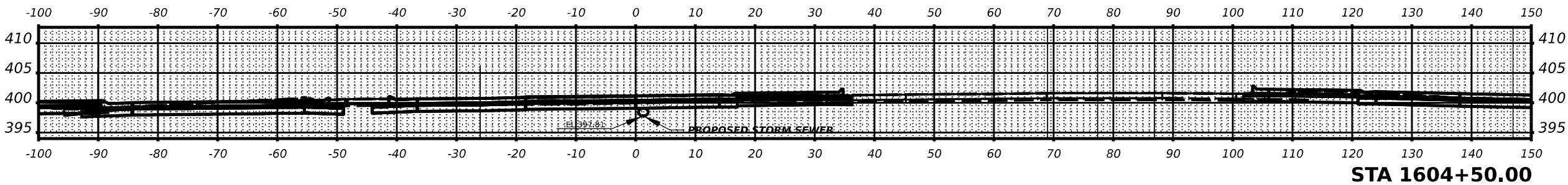
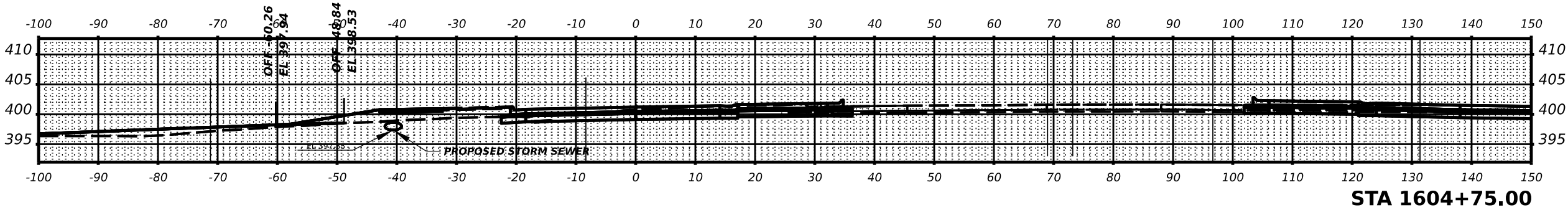
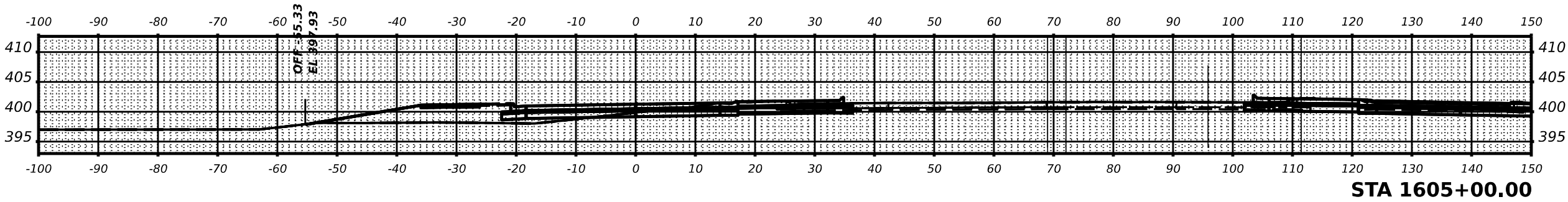
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____

F.A.P. RTE. 873	SECTION (28-5)K-1	COUNTY FRANKLIN	TOTAL SHEETS 162	SHEET NO. 146
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED PLOTTED	BY	DATE
NOTE BOOK	TEMPLATE	AREAS	CHECKED

ORIGINAL SURVEY	SURVEYED PLOTTED	BY	DATE
NOTE BOOK	TEMPLATE	AREAS	CHECKED

MODEL: \$MODELNAME\$
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DRAWN	-	_____		REVISED -	_____
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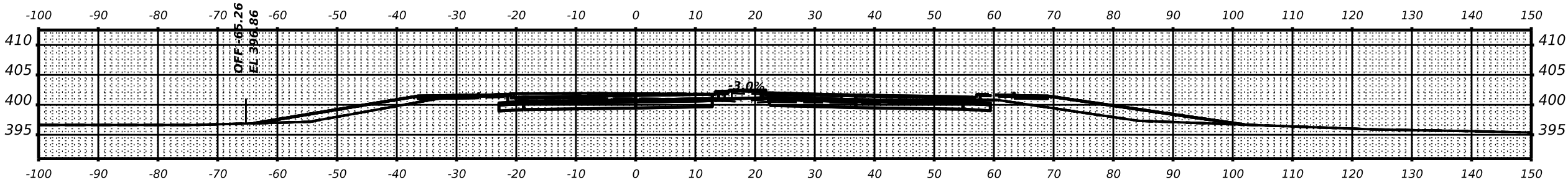
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 149 CROSS SECTIONS

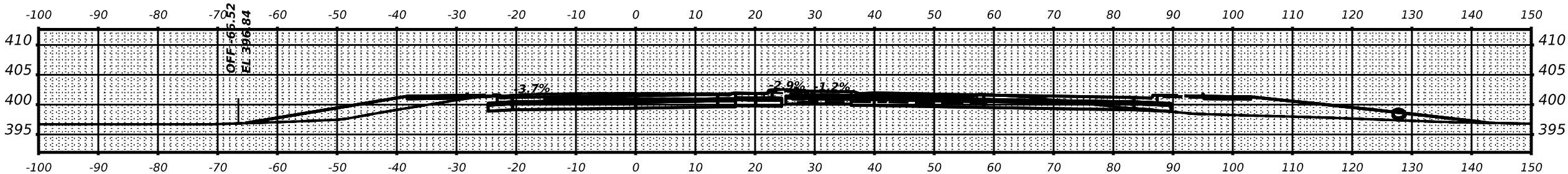
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	147
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

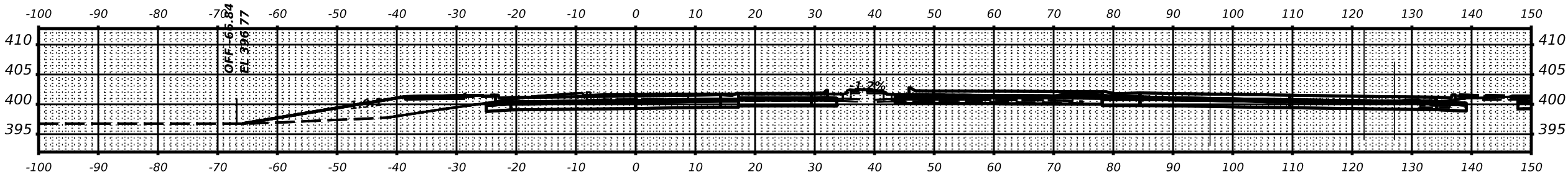
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NOTE BOOK	TEMPLATE	AREAS	CHECKED



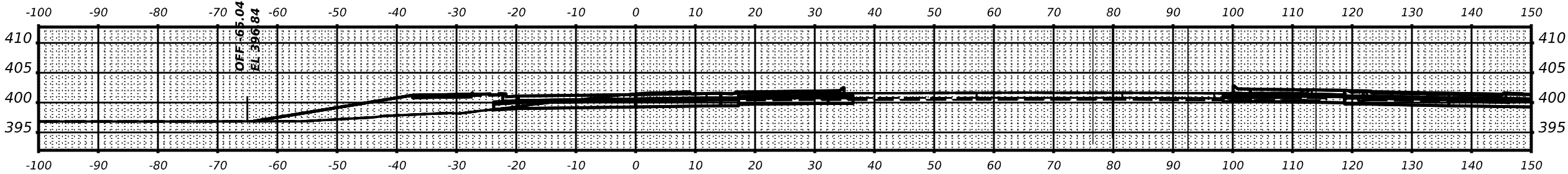
STA 1606+00.00



STA 1605+75.00



STA 1605+50.00



STA 1605+25.00

ORIGINAL SURVEY	SURVEYED PLOTTED	BY	DATE
NOTE BOOK	TEMPLATE	AREAS	CHECKED

MODEL: \$MODELNAME\$
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 149 CROSS SECTIONS

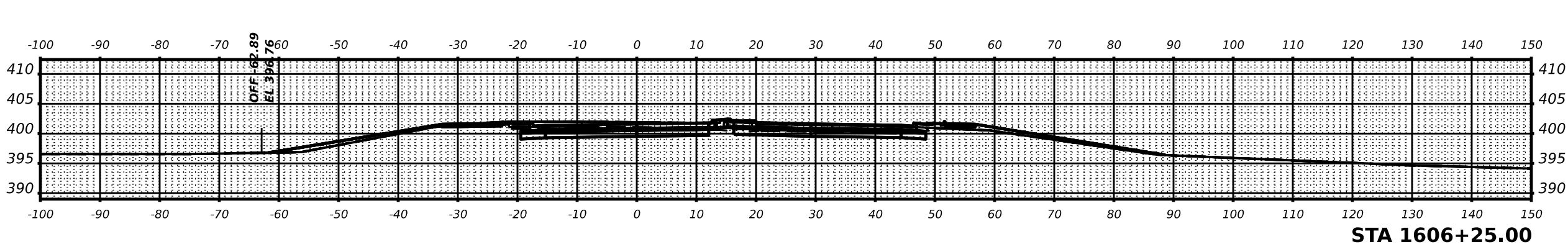
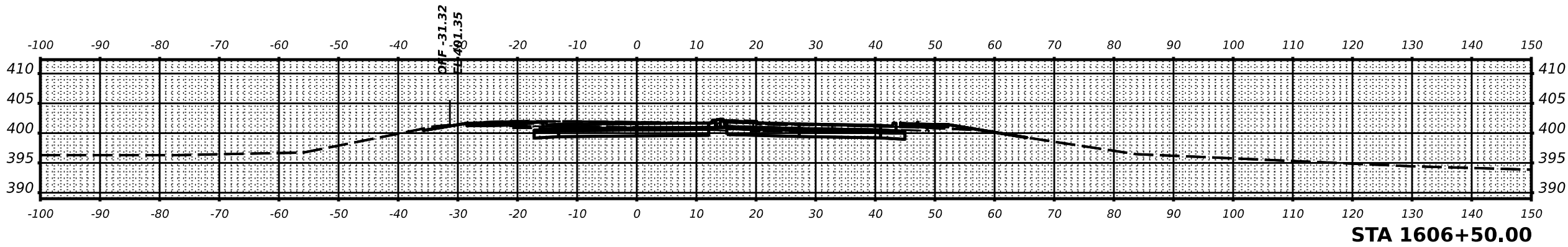
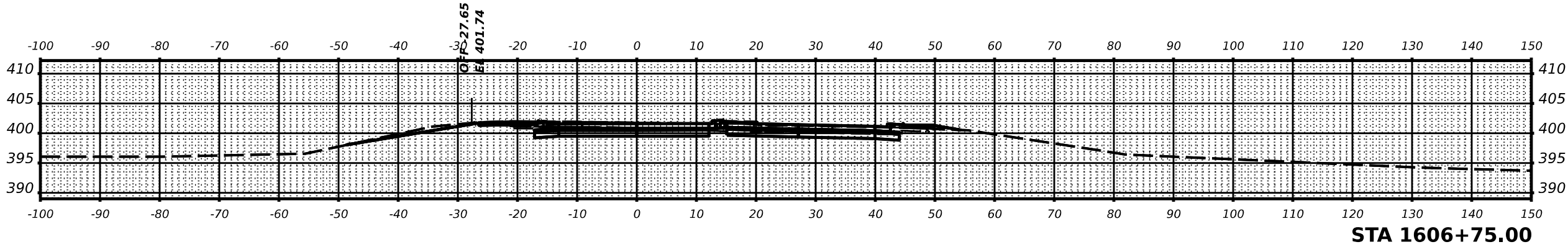
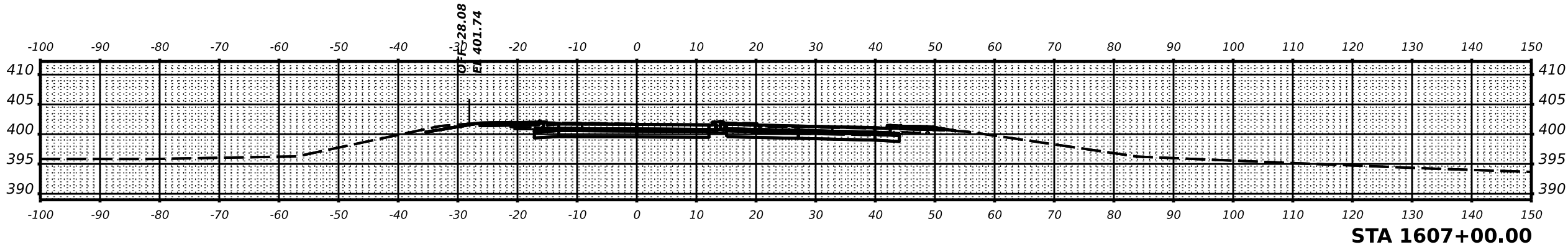
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	148
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	SURVEYED	BY	DATE	PLOTTED	TEMPLATE	AREAS	CHECKED

ORIGINAL SURVEY	NO.	SURVEYED	BY	DATE	PLOTTED	TEMPLATE	AREAS	CHECKED

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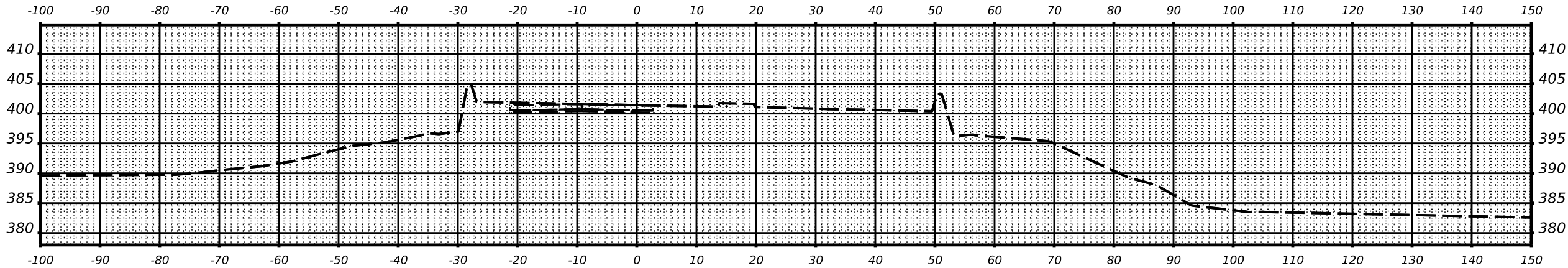


	USER NAME = \$USERS\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 149 CROSS SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -						873	(28-5)K-1	FRANKLIN	162	149
	PLOT DATE = \$DATES\$	CHECKED -	REVISED -		CONTRACT NO. 78814								
		DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	ILLINOIS FED. AID PROJECT			

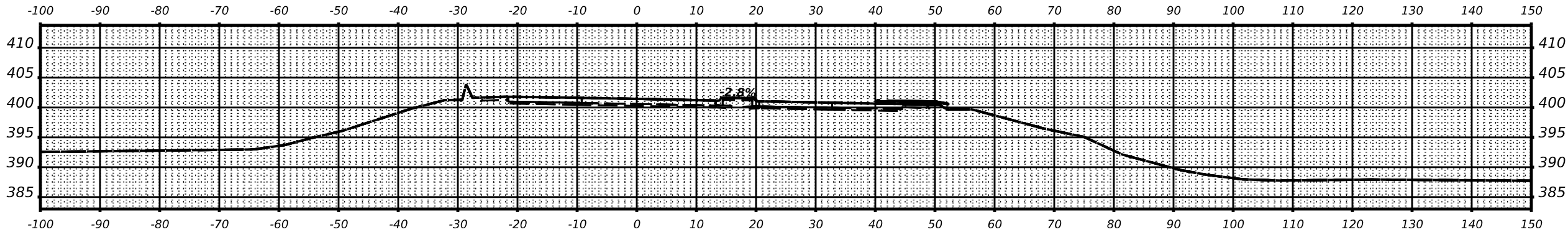
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ORIGINAL SURVEY	NO.	NO.	AREAS CHECKED	PLOTTED	TEMPLATE	NOTE BOOK	BY	DATE

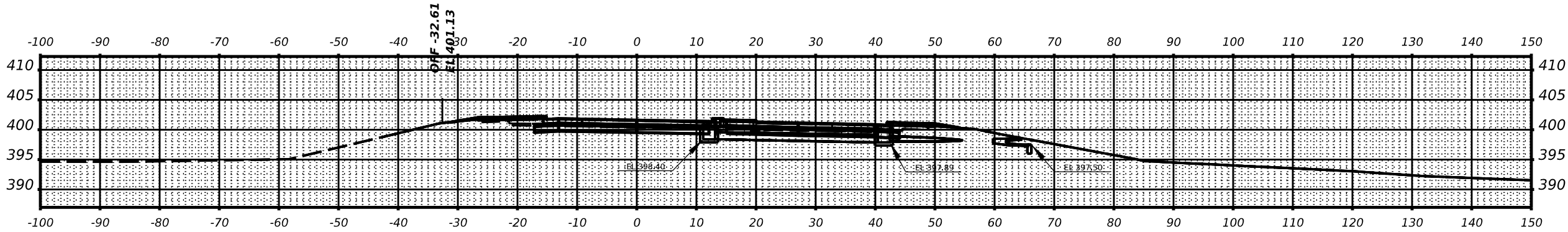
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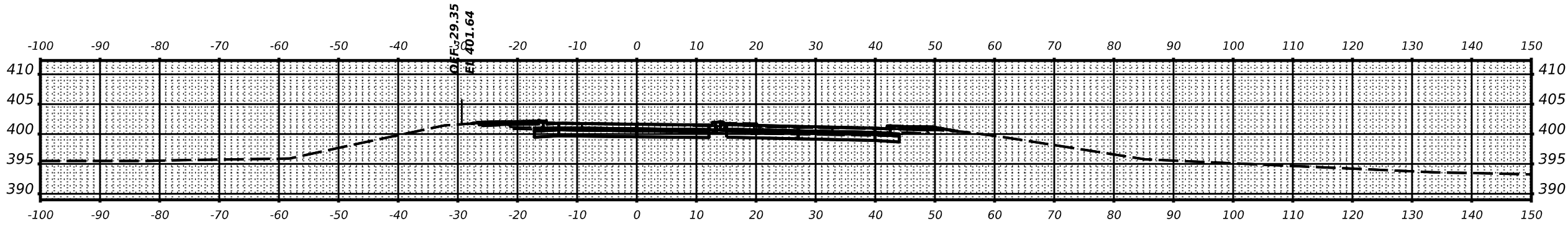
STA 1607+88.35



STA 1607+75.00



STA 1607+50.00



STA 1607+25.00

USER NAME	= \$USERS\$	DESIGNED	-	_____	REVISED	-	_____
DRAWN	-	_____	REVISED	-	_____		
PLOT SCALE	= \$SCALE\$	CHECKED	-	_____	REVISED	-	_____
PLOT DATE	= \$DATES\$	DATE	-	_____	REVISED	-	_____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

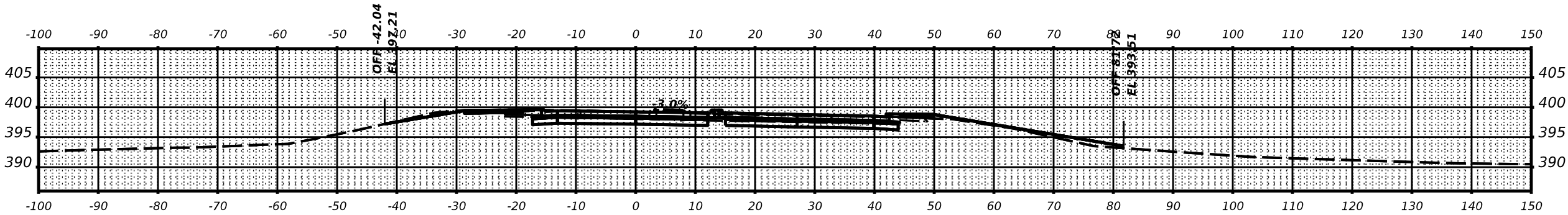
IL 149 CROSS SECTIONS

SCALE: _____ SHEET _____ OF _____ SHEETS STA: _____

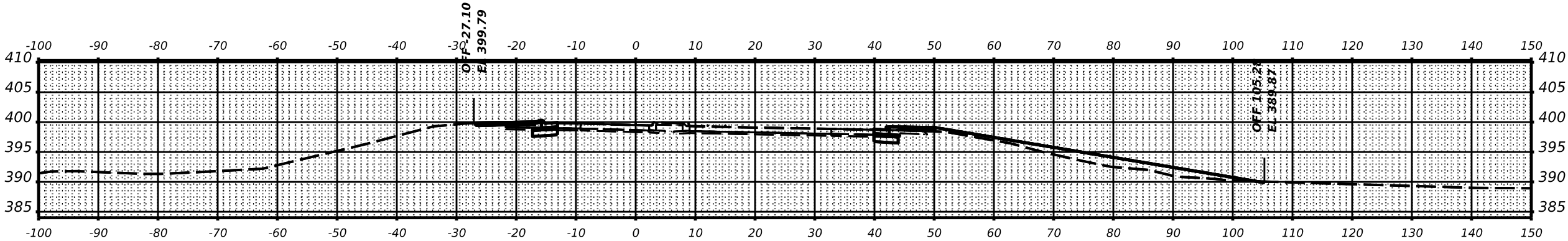
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	150
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED PLOTTED	BY	DATE
NO.			

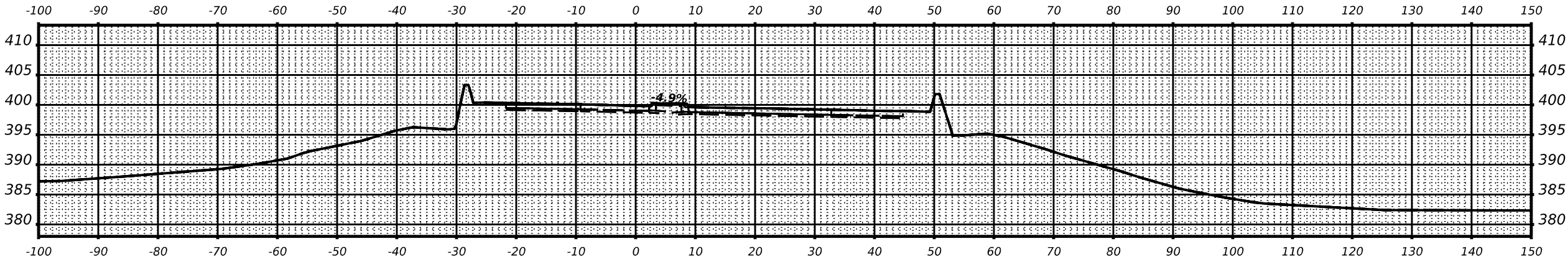
ORIGINAL SURVEY	SURVEYED PLOTTED	BY	DATE
NO.			



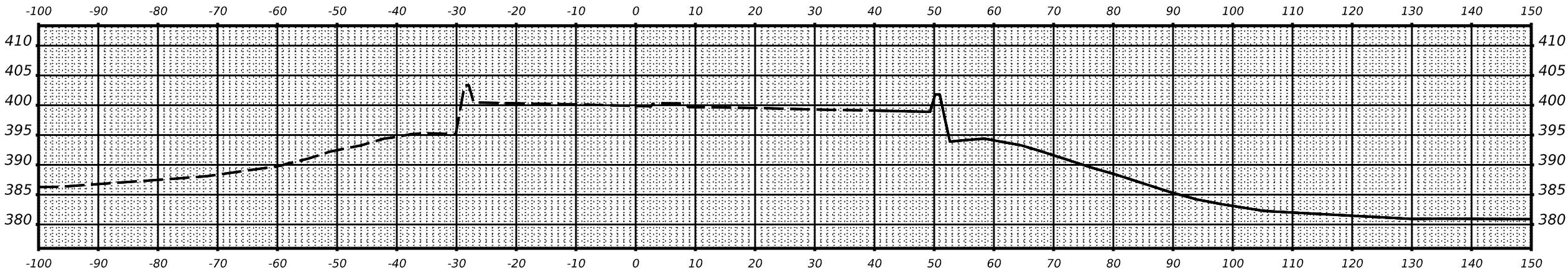
STA 1610+50.00



STA 1610+25.00



STA 1610+00.00



STA 1609+95.66

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

USER NAME = \$USERS\$	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = \$SCALE\$	CHECKED - _____	REVISED - _____
PLOT DATE = \$DATES\$	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 149 CROSS SECTIONS

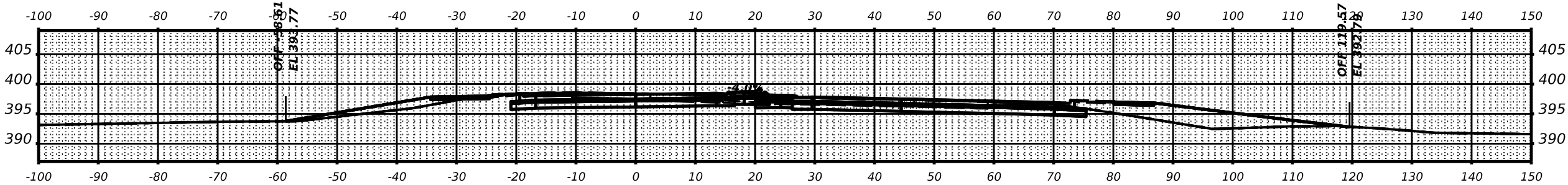
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	151
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

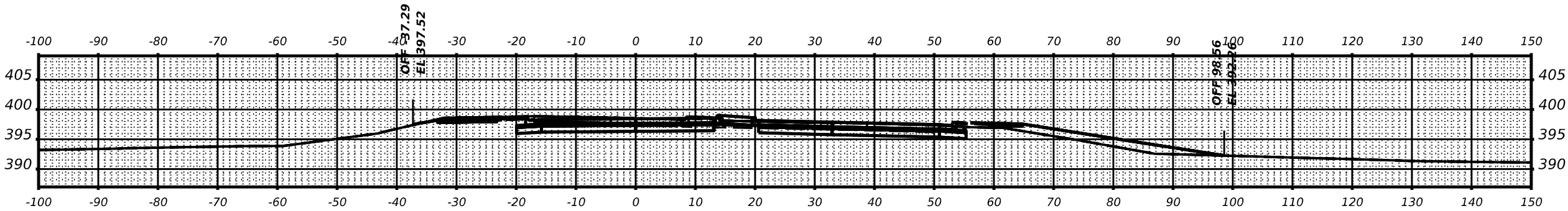
FINAL SURVEY	NO.	SURVEYED	BY	DATE	PLOTTED	TEMPLATE	AREAS	CHECKED

ORIGINAL SURVEY	NO.	SURVEYED	BY	DATE	PLOTTED	TEMPLATE	AREAS	CHECKED

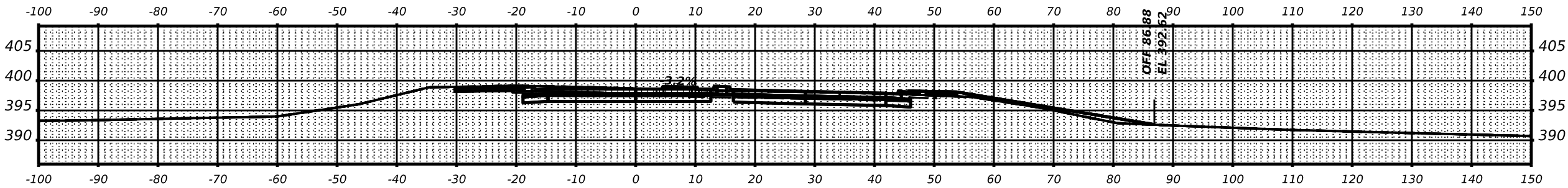
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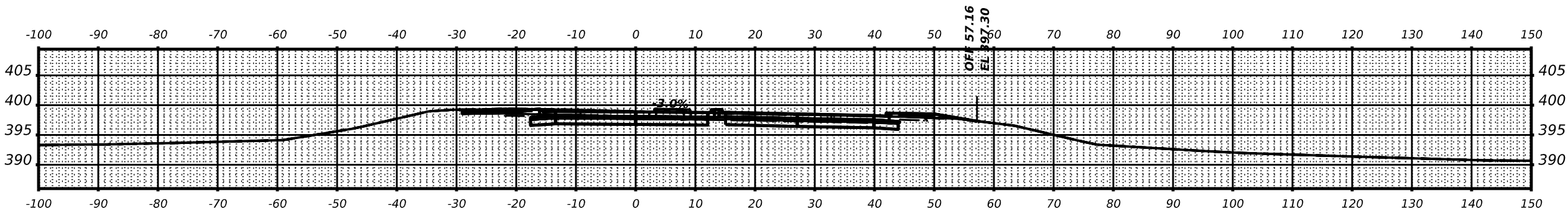
STA 1611+50.00



STA 1611+25.00



STA 1611+00.00



STA 1610+75.00

USER NAME = \$USERS\$	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = \$SCALE\$	CHECKED - _____	REVISED - _____
PLOT DATE = \$DATES\$	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 149 CROSS SECTIONS

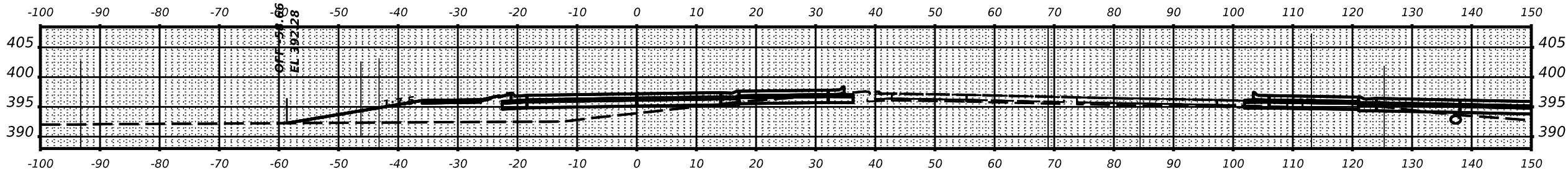
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	152
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

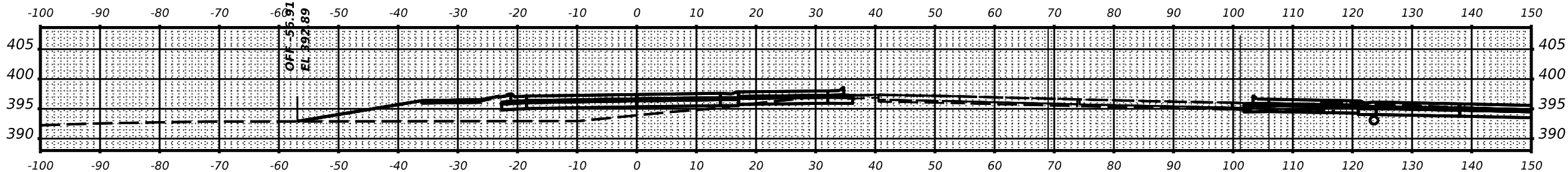
FINAL SURVEY	NO.	SURVEYED	BY	DATE	PLOTTED	TEMPLATE	AREAS	CHECKED

ORIGINAL SURVEY	NO.	SURVEYED	BY	DATE	PLOTTED	TEMPLATE	AREAS	CHECKED

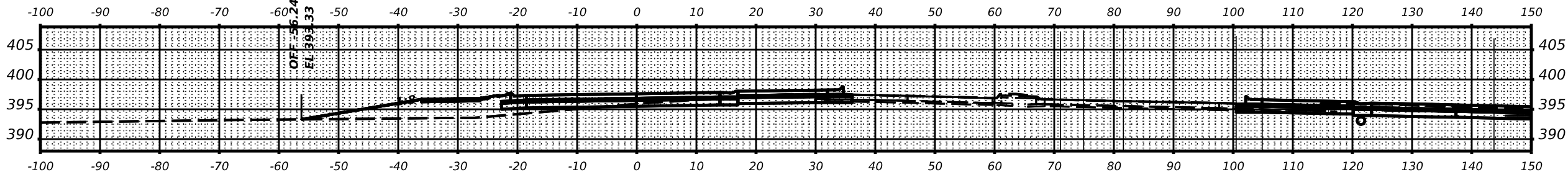
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FILE NAME: \$FILES\$



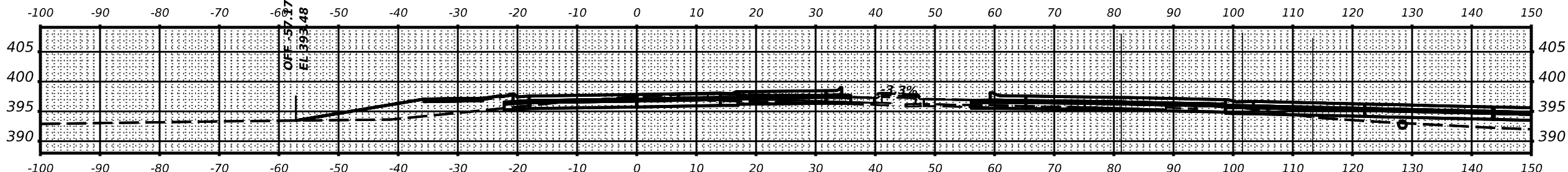
STA 1612+75.00



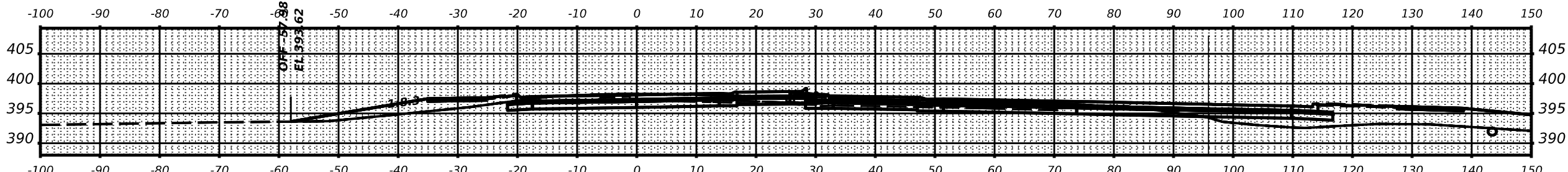
STA 1612+50.00



STA 1612+25.00



STA 1612+00.00



STA 1611+75.00

USER NAME = \$USERS\$	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = \$SCALE\$	CHECKED - _____	REVISED - _____
PLOT DATE = \$DATES\$	DATE - _____	REVISED - _____

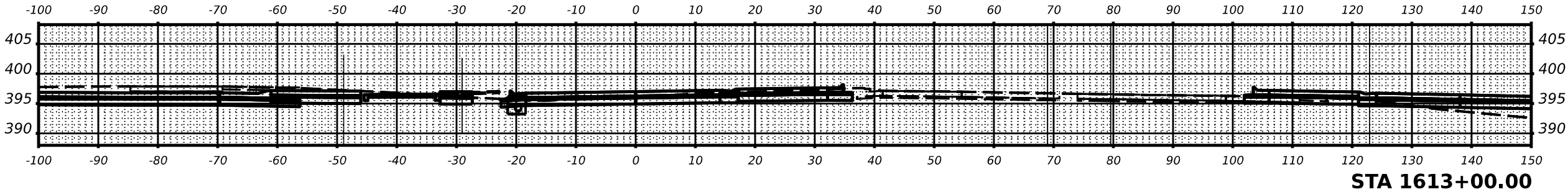
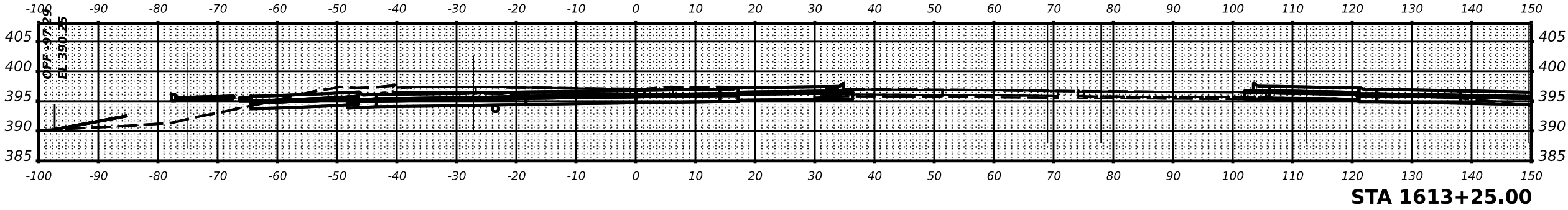
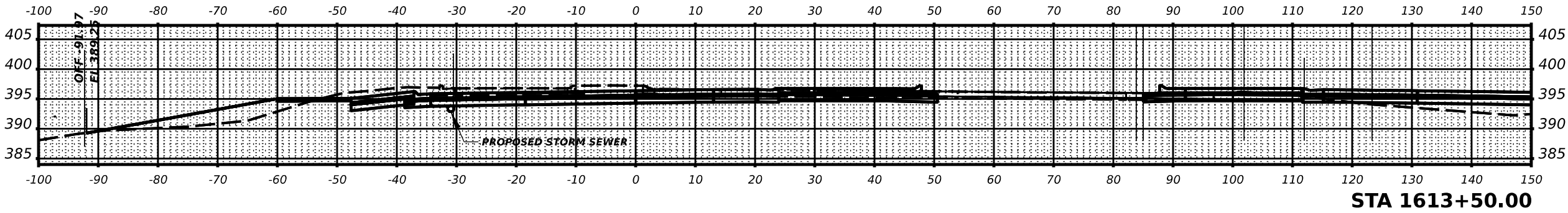
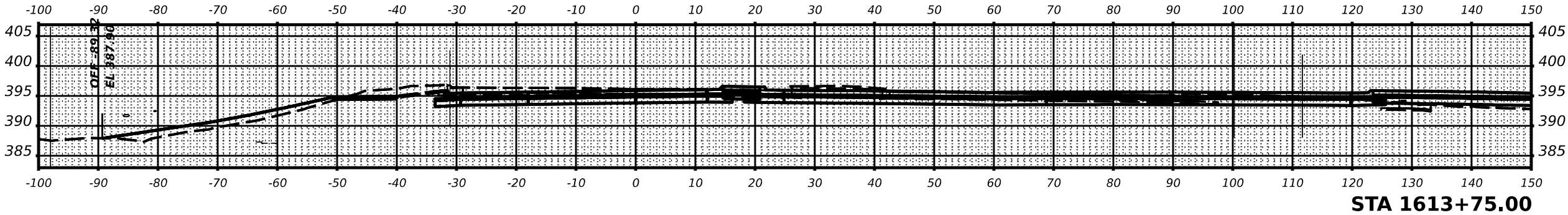
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 149 CROSS SECTIONS

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____

F.A.P. RTE. 873	SECTION (28-5)K-1	COUNTY FRANKLIN	TOTAL SHEETS 162	SHEET NO. 153
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

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



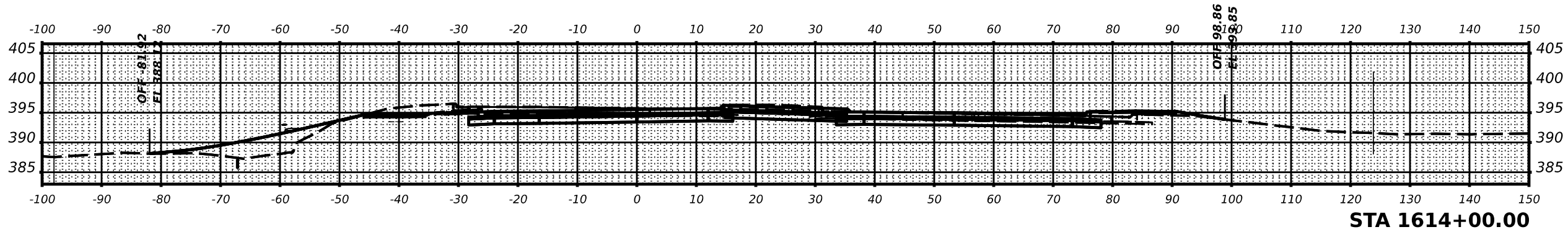
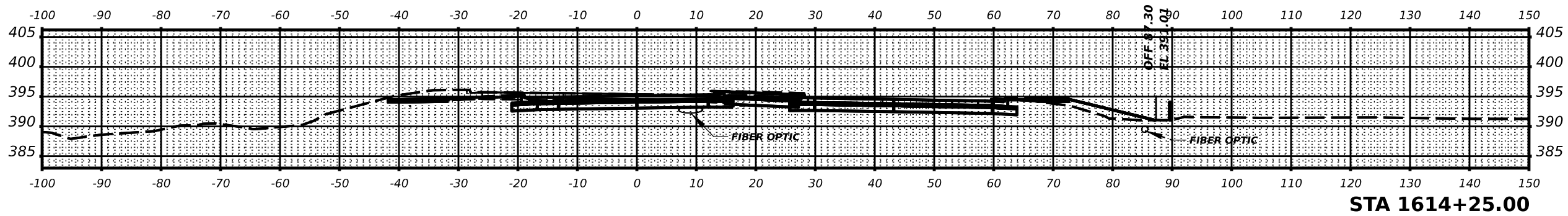
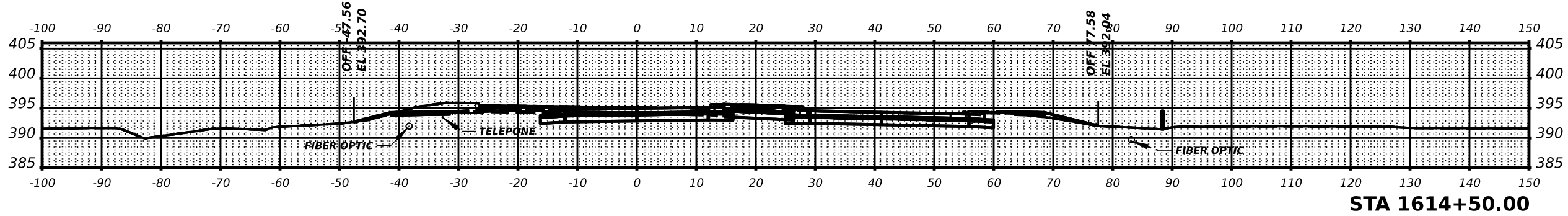
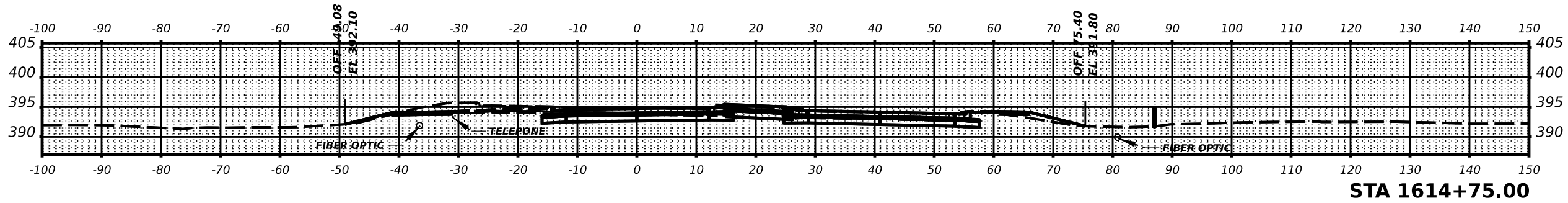
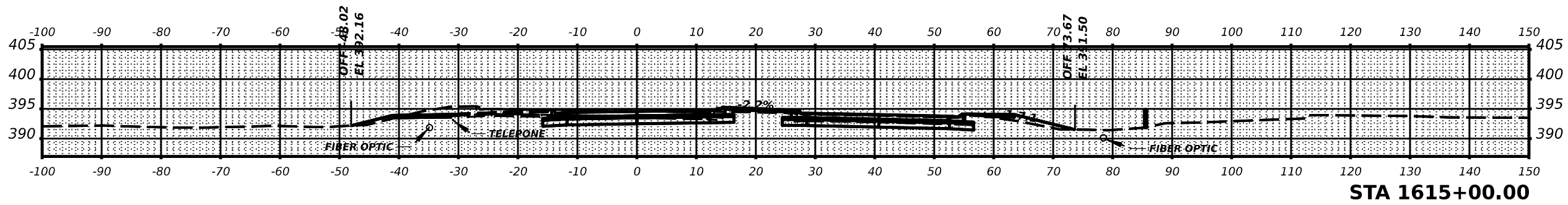
ORIGINAL SURVEY	BY	DATE	SURVEYED	BY	DATE
			PLOTTED	BY	DATE
			TEMPLATE	BY	DATE
			AREAS	BY	DATE
NO.	NO.	NO.	AREAS CHECKED	NO.	NO.

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

	USER NAME = \$USERS\$	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 149 CROSS SECTIONS			F.A.P. RTE. 873	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLLOT SCALE = \$SCALE\$	DRAWN - _____	REVISED - _____						(28-5)K-1	FRANKLIN	162	154
	PLLOT DATE = \$DATES\$	CHECKED - _____	REVISED - _____		CONTRACT NO. 78814							
	PLLOT DATE = \$DATES\$	DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT							

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

MODEL: \$MODELNAMES
FILE NAME: \$FILE\$



USER NAME = \$USER\$	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = \$SCALE\$	CHECKED - _____	REVISED - _____
PLOT DATE = \$DATE\$	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 149 CROSS SECTIONS

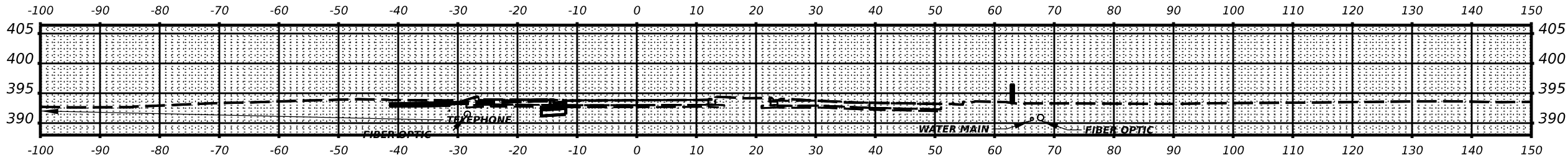
SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	155
CONTRACT NO. 78814				
ILLINOIS		FED. AID PROJECT		

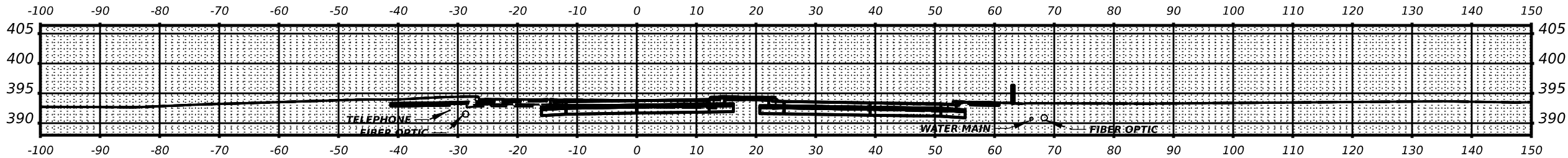
FINAL SURVEY	BY	DATE	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
NOTE BOOK						

ORIGINAL SURVEY	BY	DATE	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
NOTE BOOK						

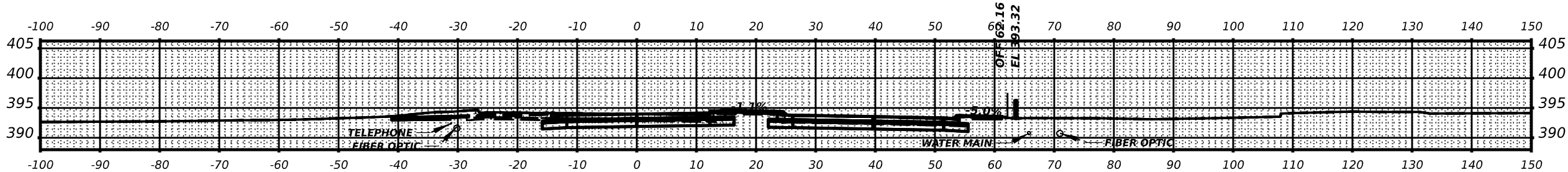
MODEL: \$MODELNAME\$
FILE NAME: \$FILES\$



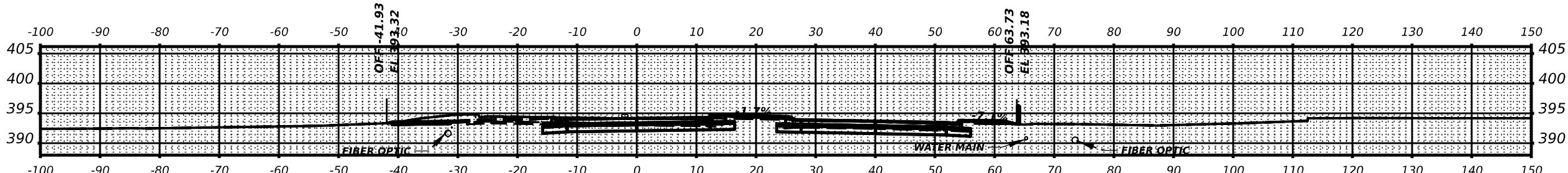
STA 1616+05.71



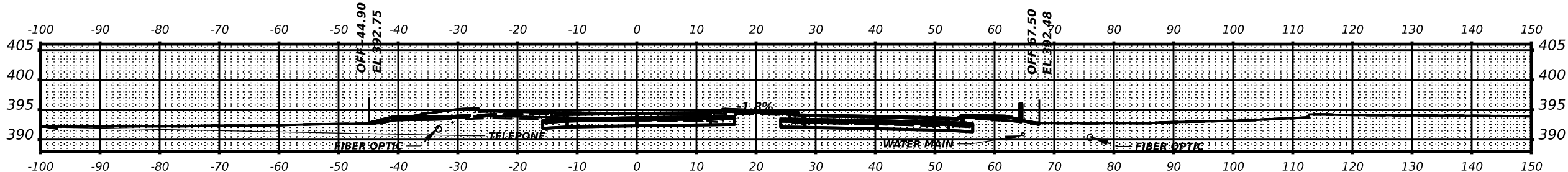
STA 1616+00.00



STA 1615+75.00



STA 1615+50.00



STA 1615+25.00

USER NAME = \$USERS\$	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = \$SCALE\$	CHECKED - _____	REVISED - _____
PLOT DATE = \$DATES\$	DATE - _____	REVISED - _____

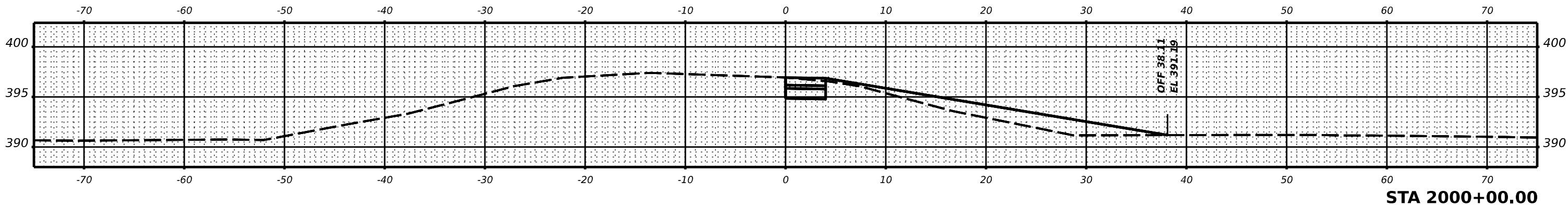
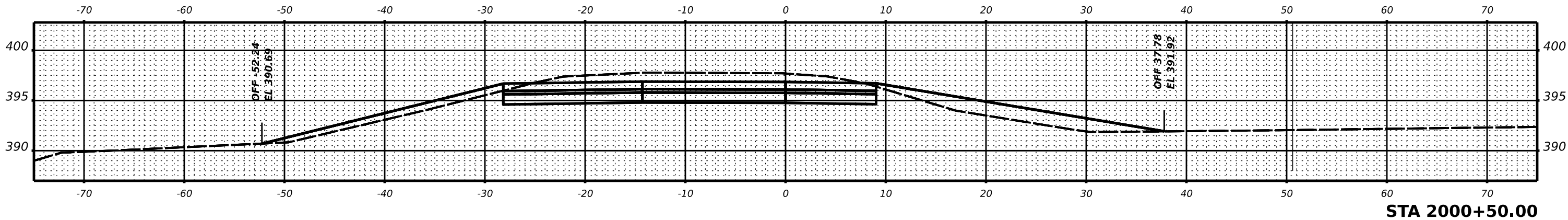
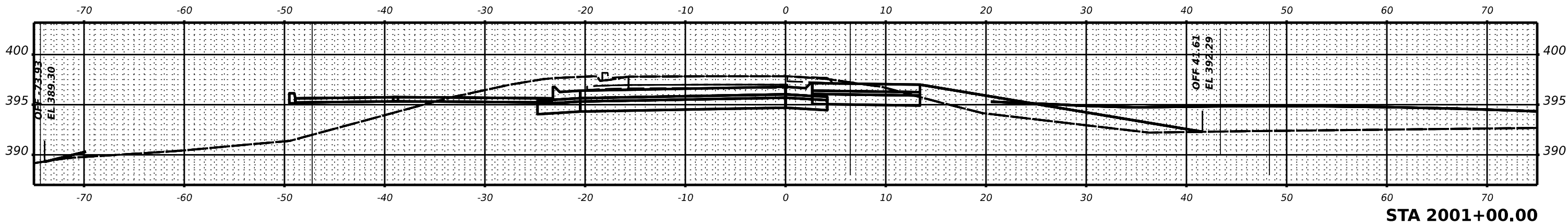
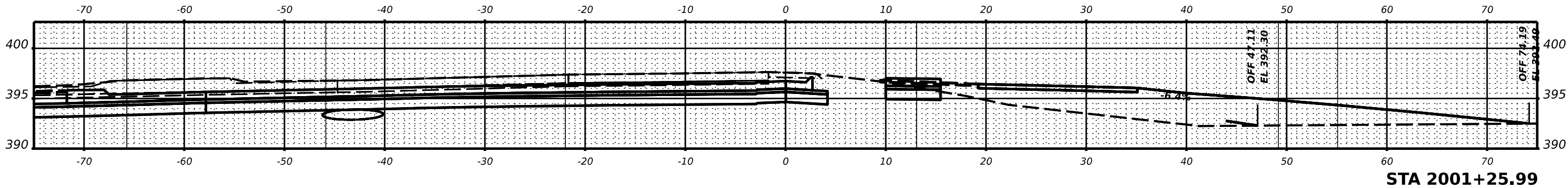
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 149 CROSS SECTIONS

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	156
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

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



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

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

USER NAME	= \$USERS\$	DESIGNED	-	REVISED	-
PLOT SCALE	= \$SCALE\$	DRAWN	-	REVISED	-
PLOT DATE	= \$DATES\$	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

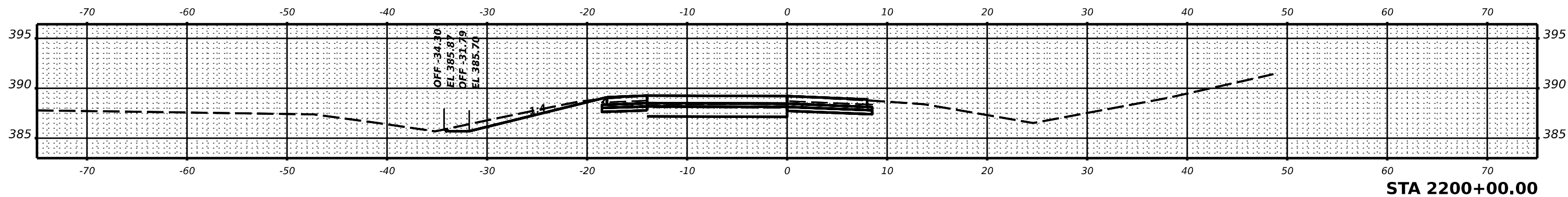
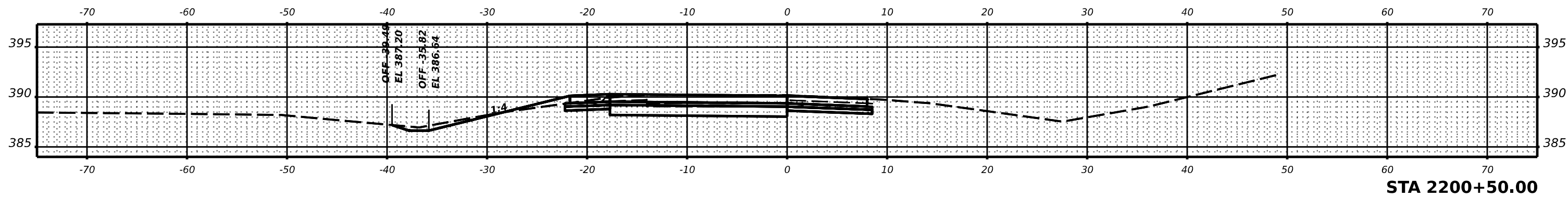
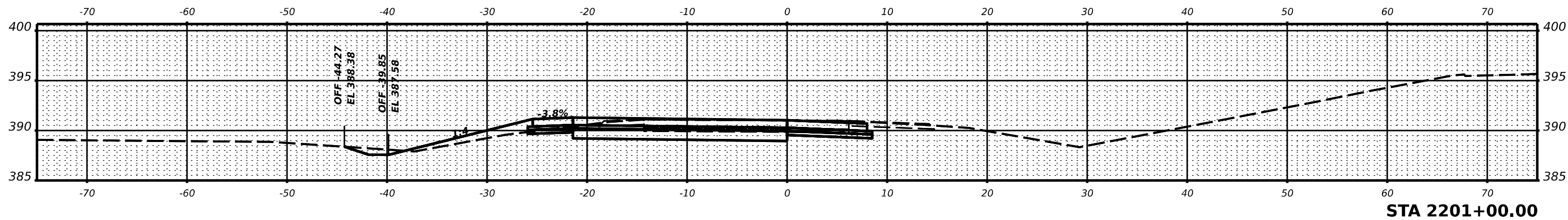
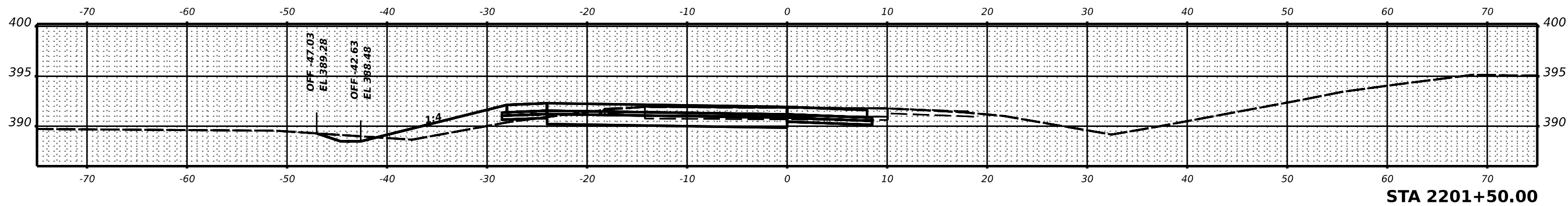
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP A CROSS SECTIONS

SCALE: SHEET OF SHEETS STA.

F.A.P. RTE. 873	SECTION (28-5)K-1	COUNTY FRANKLIN	TOTAL SHEETS 162	SHEET NO. 157
		CONTRACT NO. 78814		
		ILLINOIS FED. AID PROJECT		

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____	AREA'S _____	NO. _____
	AREA'S CHECKED _____		



USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RAMP B CROSS SECTIONS

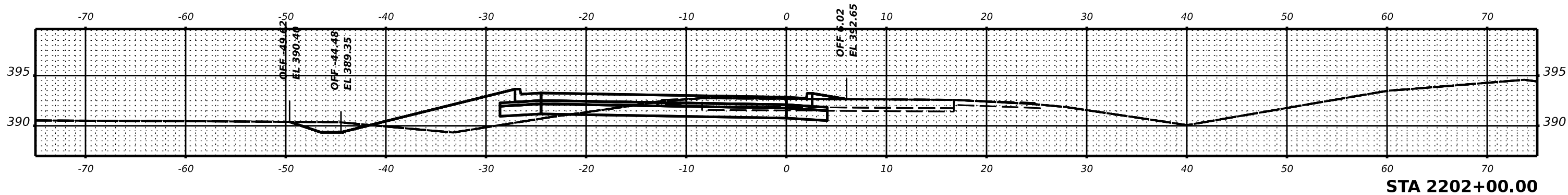
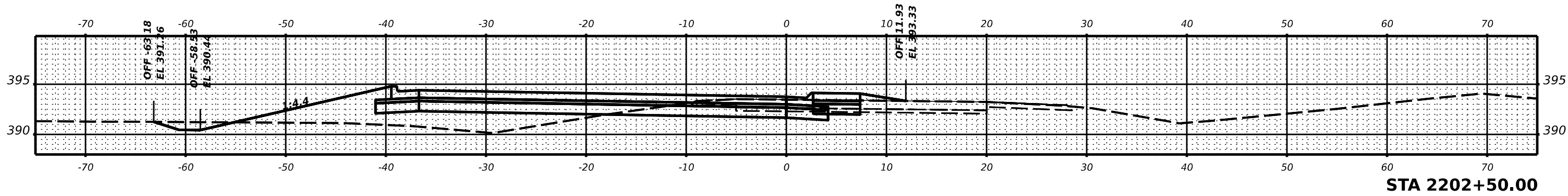
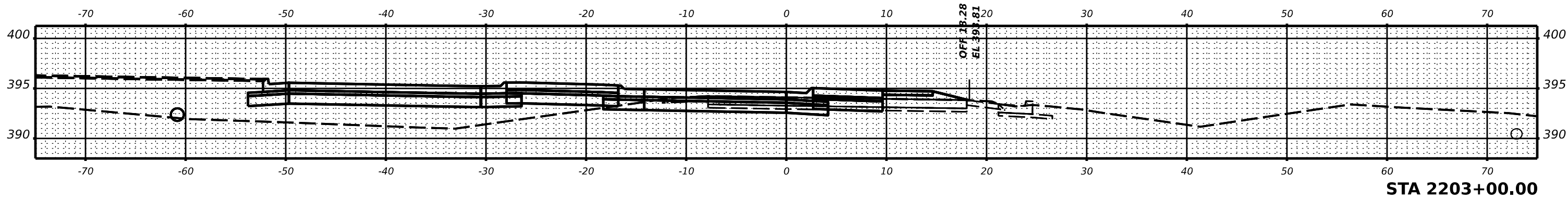
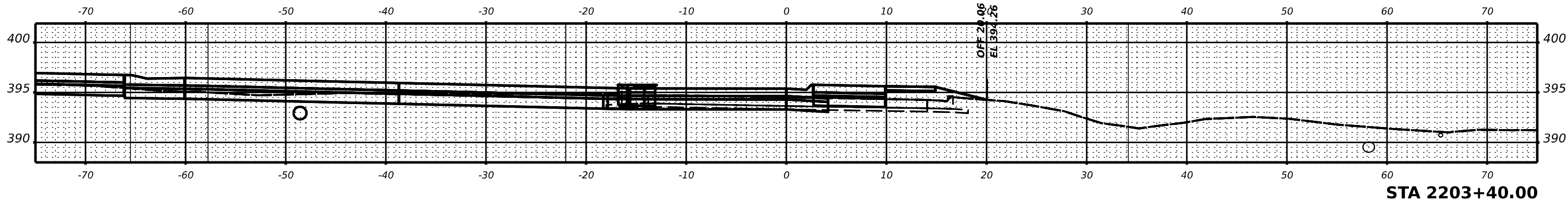
SCALE:	SHEET	OF	SHEETS	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	158
		CONTRACT NO. 78814		
ILLINOIS		FED. AID PROJECT		

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

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

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



USER NAME	= \$USERS\$	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= \$DATES\$	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP B CROSS SECTIONS

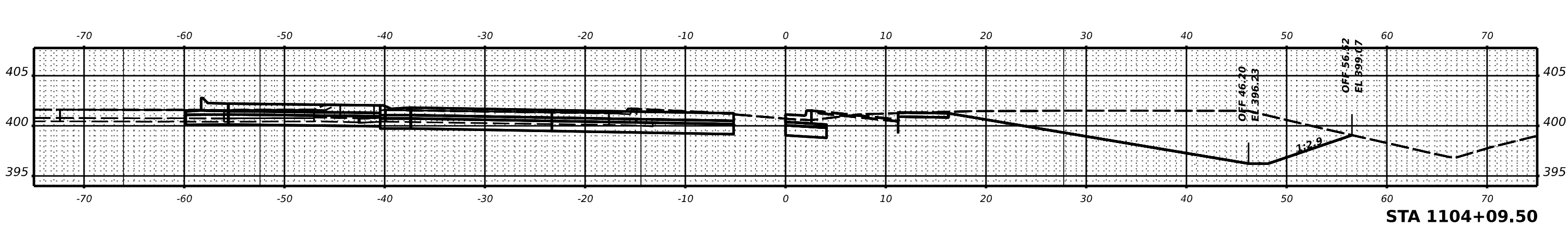
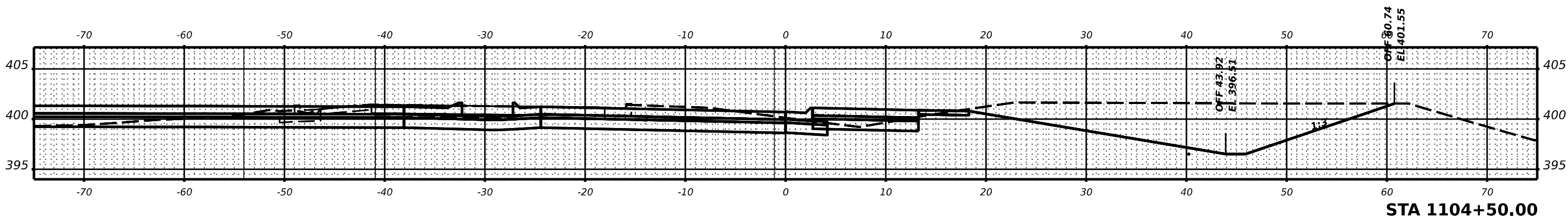
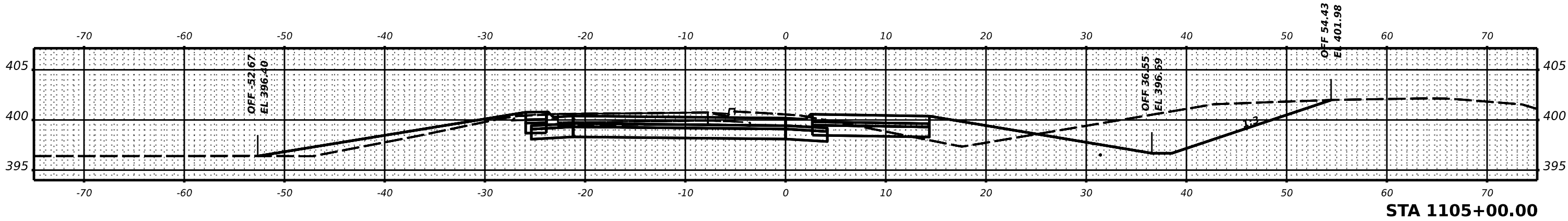
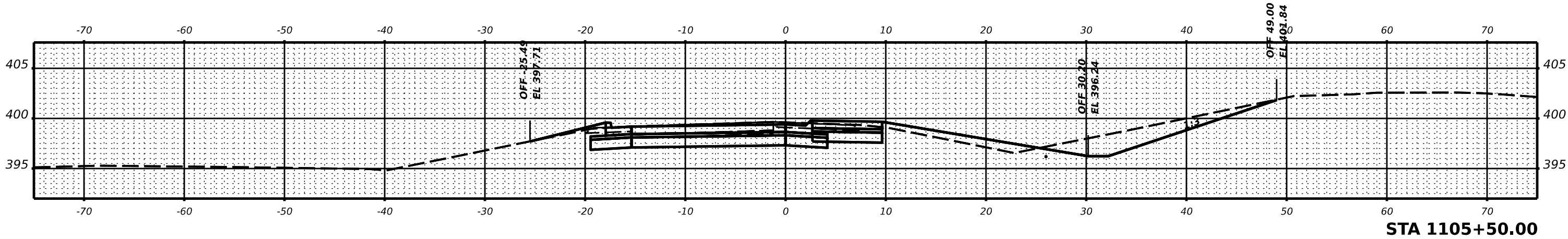
SCALE: SHEET OF SHEETS STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	159
CONTRACT NO. 78814				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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



USER NAME	= \$USERS\$	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= \$DATES\$	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

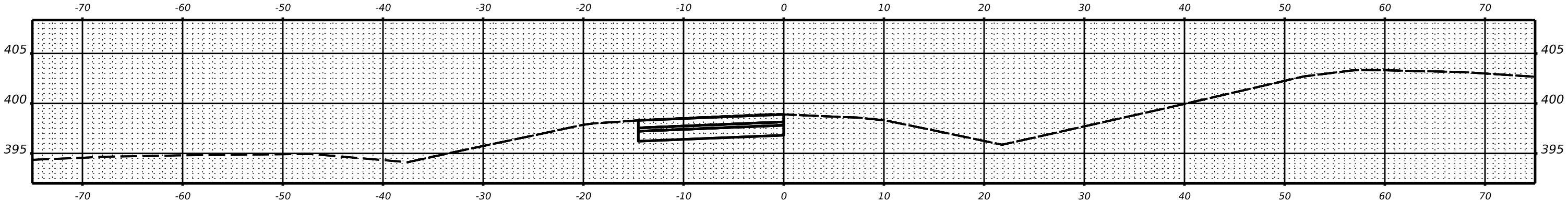
RAMP C CROSS SECTIONS

SCALE: SHEET OF SHEETS STA.

F.A.P. RTE. 873	SECTION (28-5)K-1	COUNTY FRANKLIN	TOTAL SHEETS 162	SHEET NO. 160
CONTRACT NO. 78814			ILLINOIS FED. AID PROJECT	

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

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



STA 1105+79.53

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

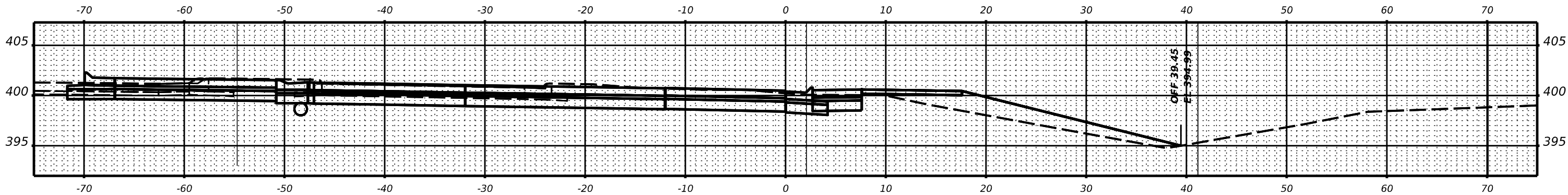
RAMP C CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	161
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				

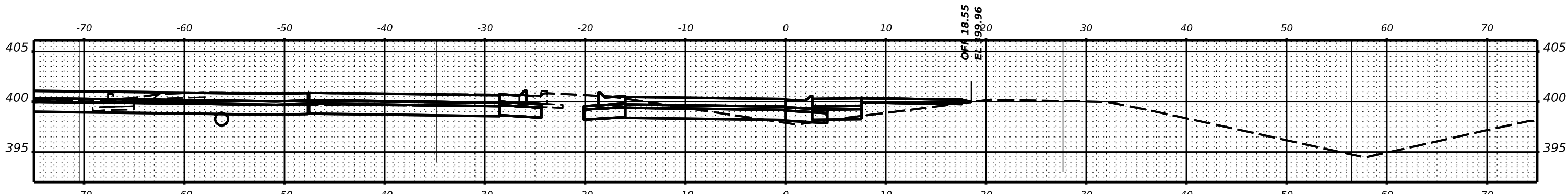
SCALE: SHEET OF SHEETS STA.

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

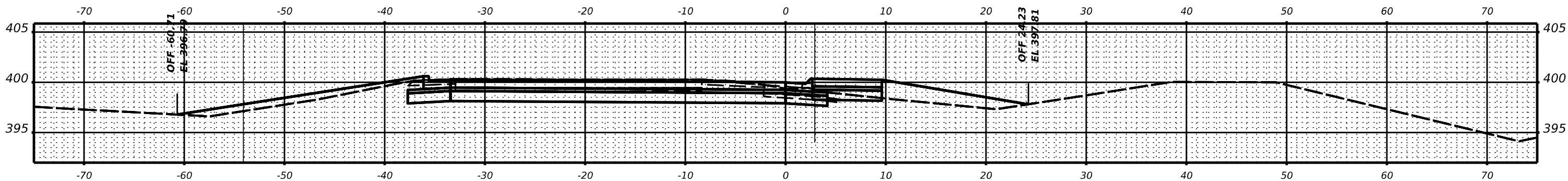
FINAL SURVEY	NO.	SURVEYED	BY	DATE	PLOTTED
					TEMPLATE
					NOTE BOOK
					AREAS CHECKED



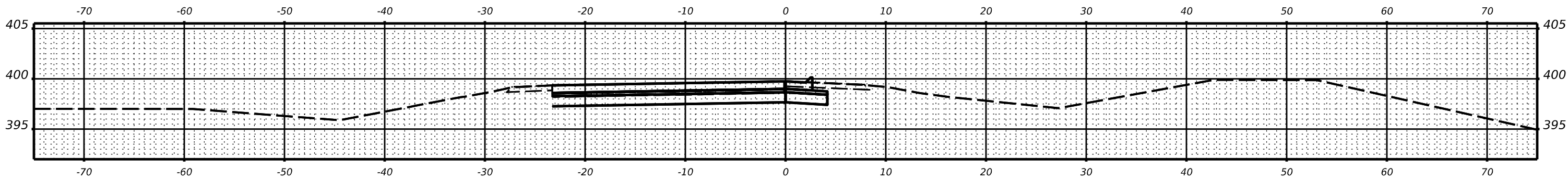
STA 1001+41.43



STA 1001+00.00



STA 1000+50.00



STA 1000+00.00

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

USER NAME	= \$USERS\$	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= \$DATES\$	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP D CROSS SECTIONS

SCALE: SHEET OF SHEETS STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	162
CONTRACT NO. 78814				
ILLINOIS FED. AID PROJECT				