

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PROPOSED**  
**HIGHWAY PLANS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	1
		ILLINOIS	CONTRACT NO. 66E53	

**INDEX OF SHEETS**

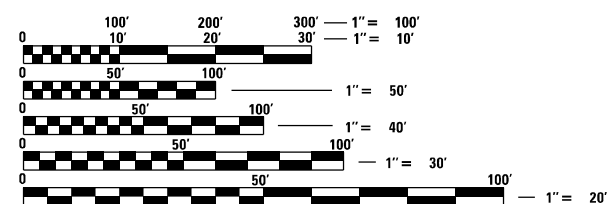
- 1 COVER SHEET
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- 8-15 TYPICAL SECTIONS
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- 21-28 PAVEMENT MARKING DETAIL
- 29-51 DETAILS

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442101-09	CLASS B PATCHES
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
667101-02	PERMANENT SURVEY MARKERS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH

**FAP ROUTE 681 (IL 116)**  
**SECTION (113)RS-3**  
**PROJECT STP-DSSQ(974)**  
**MILLING AND RESURFACING**  
**(DESIGNED OVERLAY), PATCHING, & ADA**  
**LIVINGSTON COUNTY**

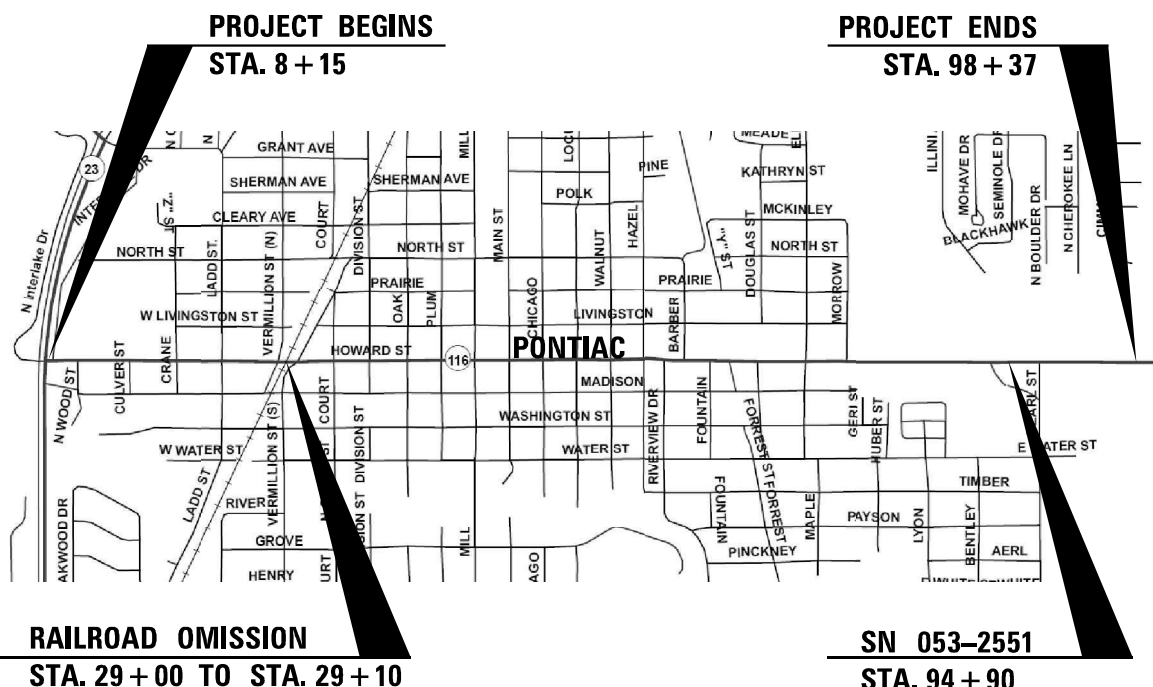
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FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**PROJECT ENGINEER: JACOB OYIER, P.E.**  
**UNIT CHIEF: STEPHENIE CARMIN**  
**DISTRICT 3 NO. (815) 434-6131**  
**CONTRACT NO. 66E53**



**OTHER ARTERIAL URBAN**

LOCATIONS OF ADT (2019)	ADT	P.V.	S.U.	M.U.
RT 23 TO LADD ST.	6100	96.39	2.13	1.48
LADD ST. TO ELM ST.	7600	93.94	3.95	2.11
ELM ST. TO PEARL ST.	3200	92.50	3.44	4.06

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED March 25 2022

*[Signature]*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 13, 2022 *[Signature]*  
 ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2022 *[Signature]*  
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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**OF THE STATE OF ILLINOIS**

GROSS LENGTH = 9022 FT. = 1.709 MILE  
 NET LENGTH = 9012 FT. = 1.707 MILE

**GENERAL NOTES**

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

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

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

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

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

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

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
BINDER (HAND METHOD)	0.0005	TONS / SQ YD

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

**COMMITMENTS**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

PREPARED BY: \_\_\_\_\_  
DISTRICT STUDIES & PLANS ENGINEER

DATE: \_\_\_\_\_

EXAMINED BY: \_\_\_\_\_  
DISTRICT CONSTRUCTION ENGINEER

\_\_\_\_\_  
DISTRICT MATERIALS ENGINEER

\_\_\_\_\_  
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 3\Projects\0366E53\CDRAWN\0366E53-shr-cover.dgn		CHECKED -	REVISED -			681	(113)RS-3	LIVINGSTON	51	2
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 66E53				
PLOT DATE = 3/25/2022						SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	
				FUND CODE STP	
				ROADWAY	URBAN
28100107	STONE RIPRAP, CLASS A4	SQ YD	20		20
28200200	FILTER FABRIC	SQ YD	20		20
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	24557		24557
40600370	LONGITUDINAL JOINT SEALANT	FOOT	18434		18434
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	9.7		9.7
40600901	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	TON	16.1		16.1
40600990	TEMPORARY RAMP	SQ YD	798		798
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	3613		3613
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	3162		3162
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	927		927
42000060	WELDED WIRE REINFORCEMENT	SQ YD	394		394
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	197		197
* 42400800	DETECTABLE WARNINGS	SQ FT	24		24
44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	SQ YD	32248		32248

\*= SPECIALTY ITEM

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/25/2022					ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	
				FUND CODE STP	
				ROADWAY	
		0005		URBAN	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	71	71	
44000600	SIDEWALK REMOVAL	SQ FT	179	179	
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	136	136	
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	269	269	
44201299	DOWEL BARS 1 1/2"	EACH	1264	1264	
44213200	SAW CUTS	FOOT	2424	2424	
56109210	WATER VALVES TO BE ADJUSTED	EACH	14	14	
60260100	INLETS TO BE ADJUSTED	EACH	2	2	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	30	30	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	71	71	
63500105	DELINEATORS	EACH	2	2	
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1	1	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4	
67100100	MOBILIZATION	L SUM	1	1	

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PLOT DATE = 3/25/2022					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	
				FUND CODE	STP
				ROADWAY	URBAN
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	65566	65566	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2185	2185	
70306100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE III TAPE	SQ FT	1305	1305	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	435	435	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11541	11541	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1335	1335	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1670	1670	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	525	525	
* 78004630	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6"	FOOT	1939	1939	
* 78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 24"	FOOT	618	618	

\*= SPECIALTY ITEM

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PLOT DATE = 3/25/2022									CONTRACT NO. 66E53				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED. 20% STATE	
				FUND CODE	STP
				ROADWAY	URBAN
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	435	435	
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	11541	11541	
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	3274	3274	
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1670	1670	
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	525	525	
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	618	618	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	301	301	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	301	301	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1305	1305	
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	6	6	
* X1400215	REMOTE CONTROLLED VIDEO SYSTEM	EACH	6	6	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	6194	6194	
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	78	78	
* X7230100	INSTALL SIGN PANEL - TYPE 1	SQ FT	128	128	

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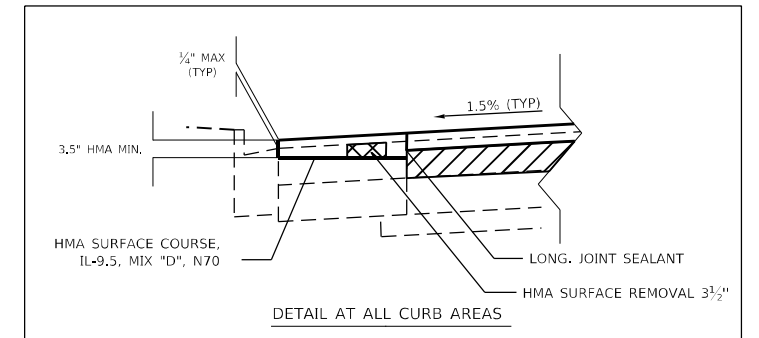
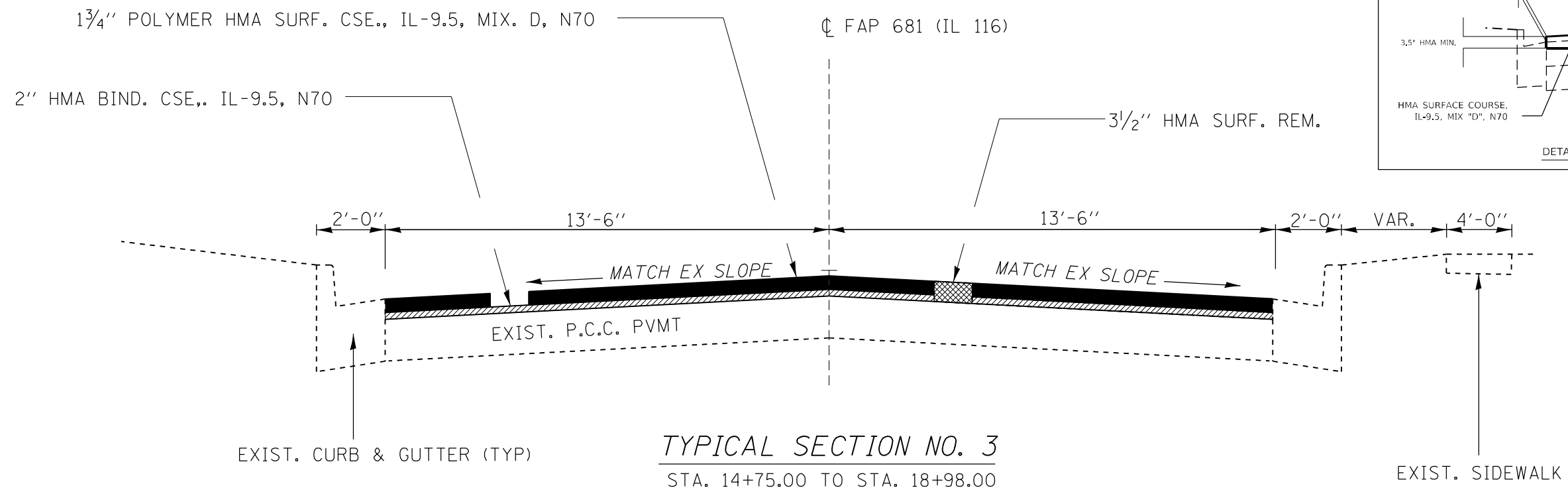
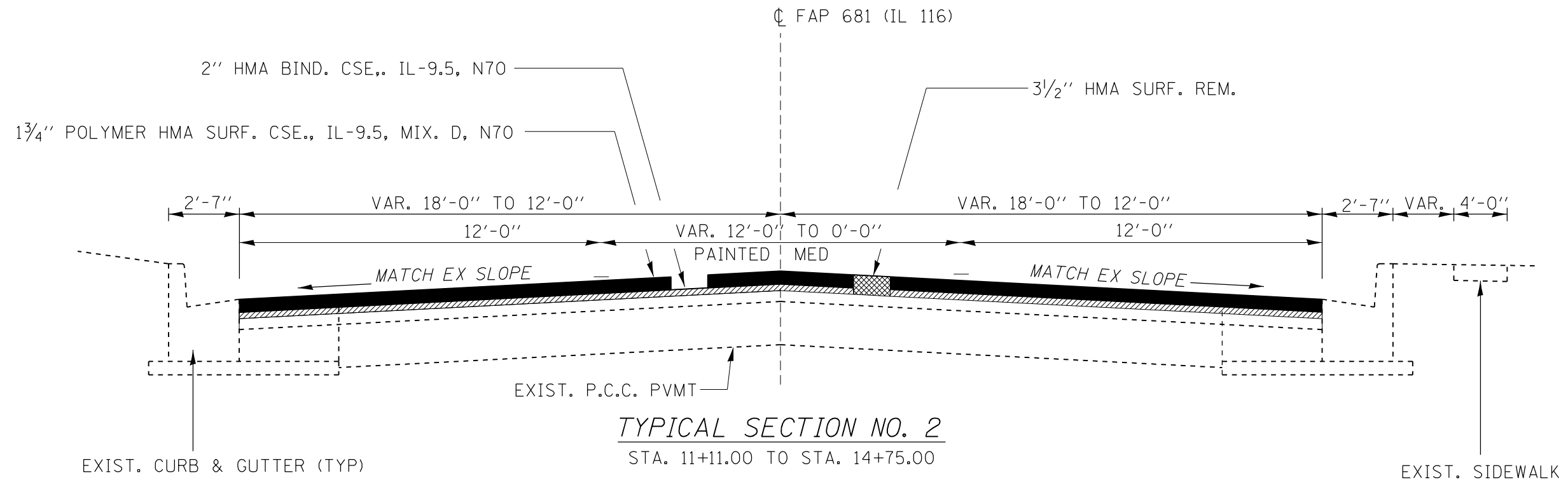
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				FUND CODE STP	ROADWAY
				0005	
				URBAN	
* X7240310	REMOVE SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	128		128
* X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	6		6
Z0012500	CONCRETE CURB REPAIR	FOOT	74		74
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42		42
* Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	6		6
Z0034105	MATERIAL TRANSFER DEVICE	TON	6324		6324
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1
* Z0073509	PERMANENT TRAFFIC SIGNAL TIMING	EACH	6		6

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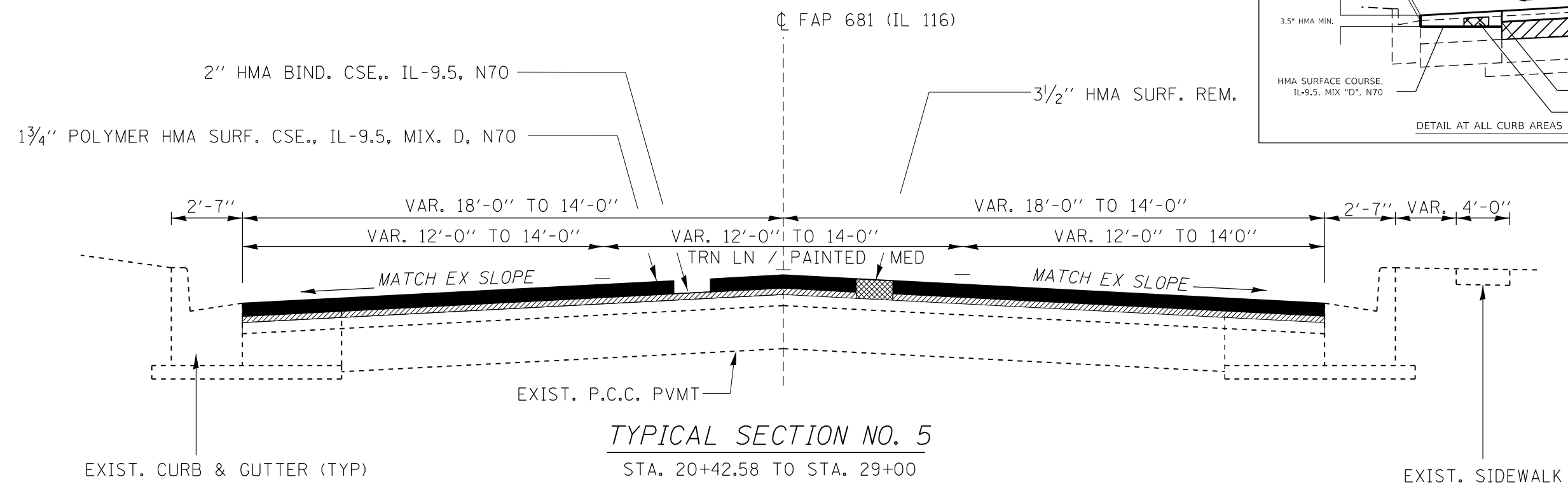
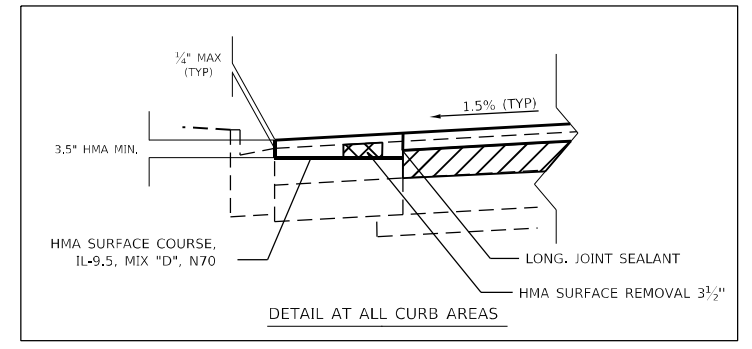
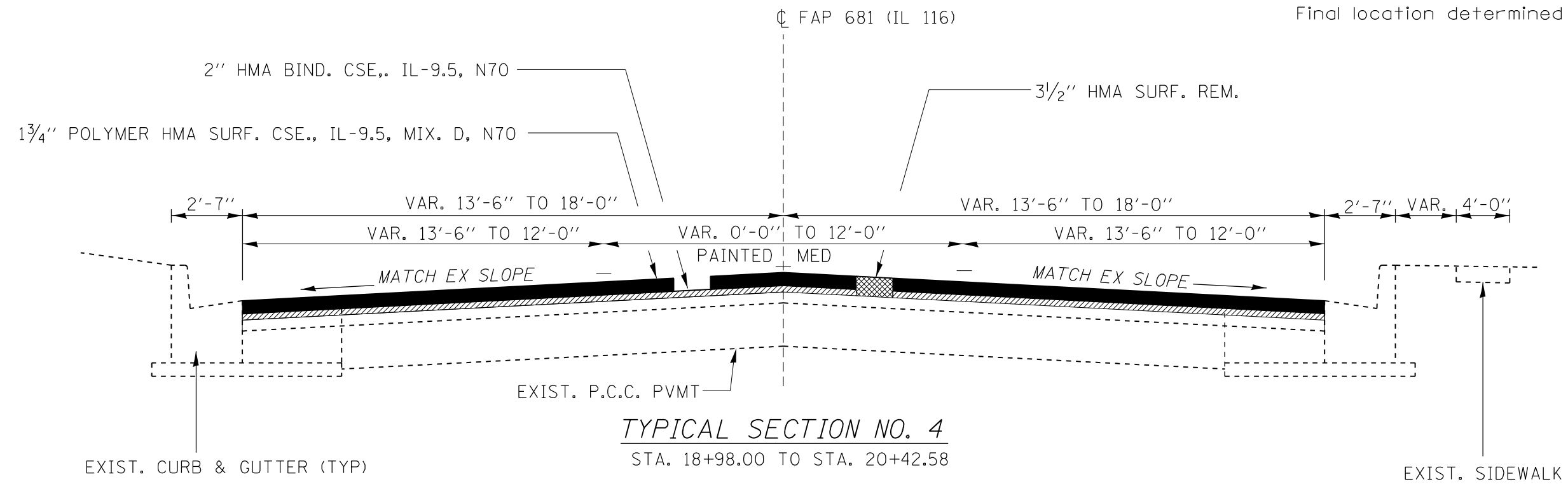




— LONGITUDINAL JOINT SEALANT  
Placed at binder course joints.  
Final location determined by Engineer

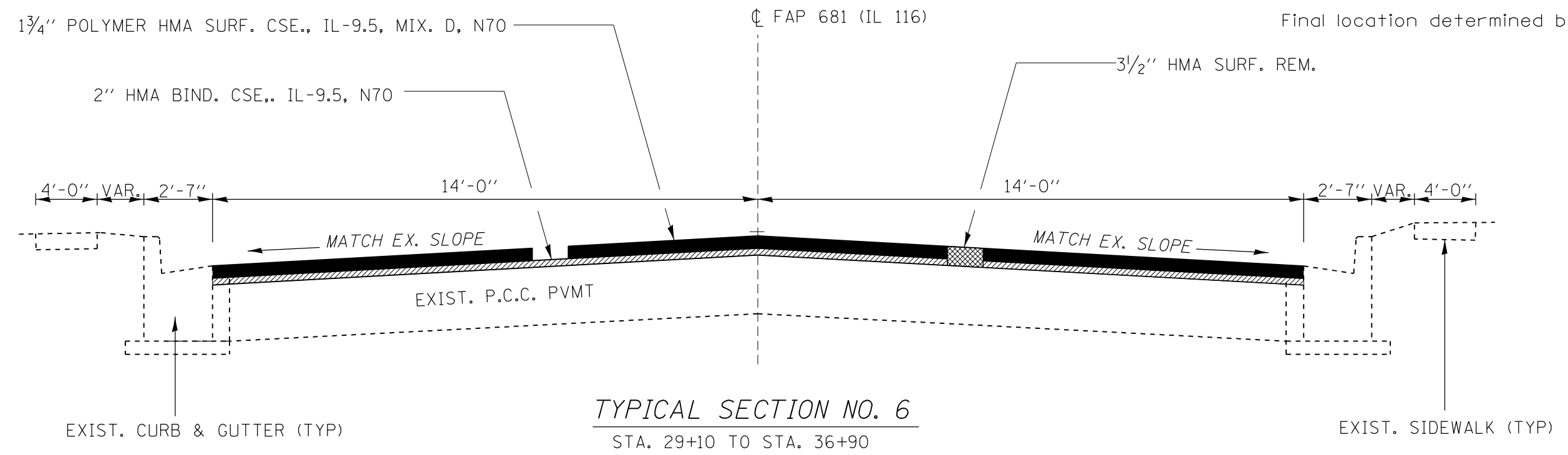
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PLOT DATE = 3/25/2022	DATE - 3/25/2022	REVISED -	REVISED -		SCALE:	SHEET NO. 2 OF 8 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT		

— LONGITUDINAL JOINT SEALANT  
 Placed at binder course joints.  
 Final location determined by Engineer

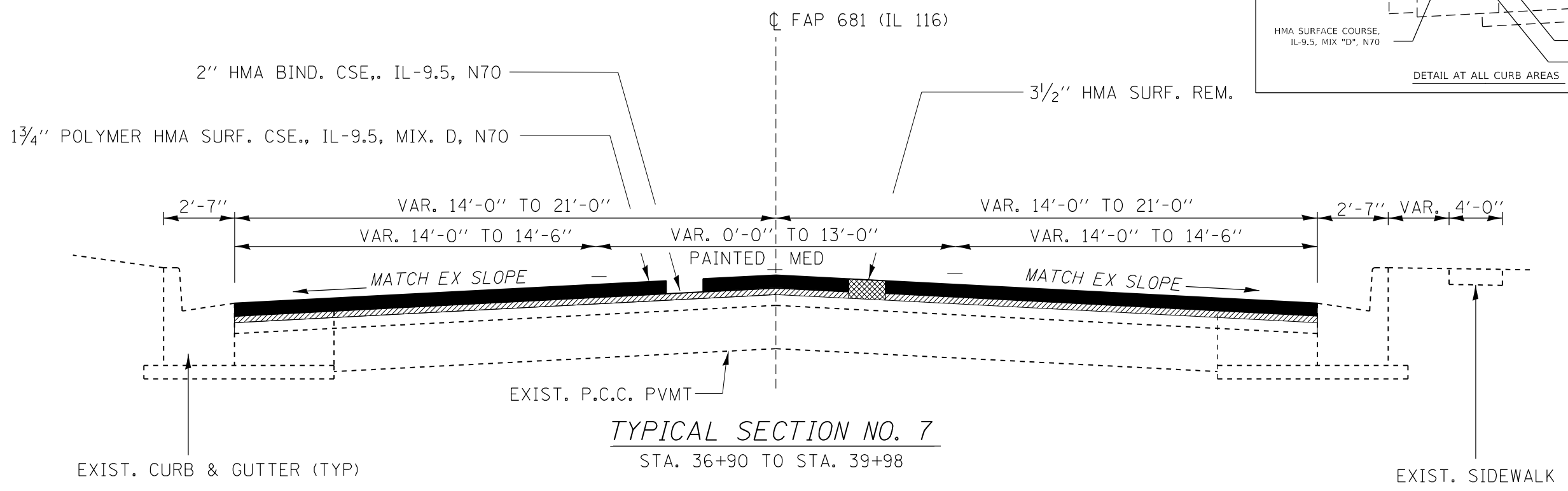
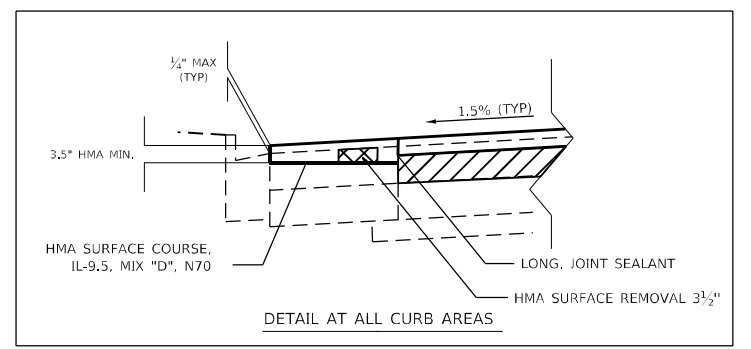


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PLOT SCALE = 100.0000' / 1in.	DATE = 3/25/2022	DATE = 3/25/2022	REVISED -		66E53							
PLOT DATE = 3/28/2022												

— LONGITUDINAL JOINT SEALANT  
Placed at binder course joints.  
Final location determined by Engineer



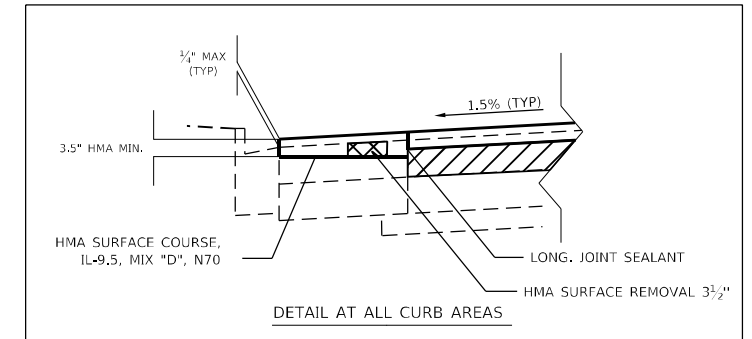
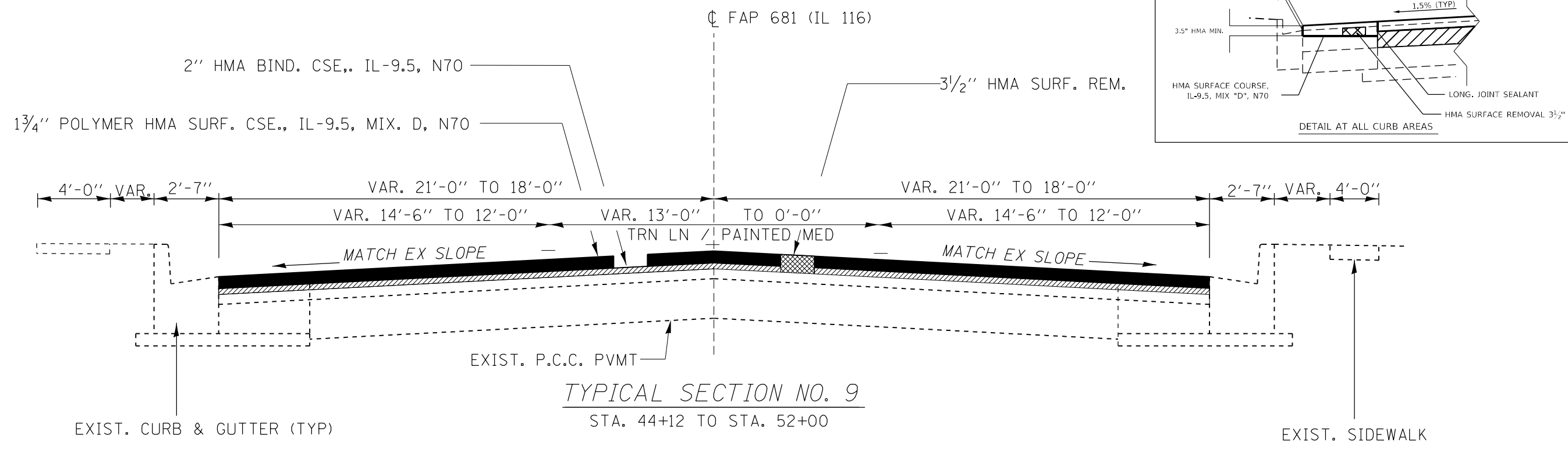
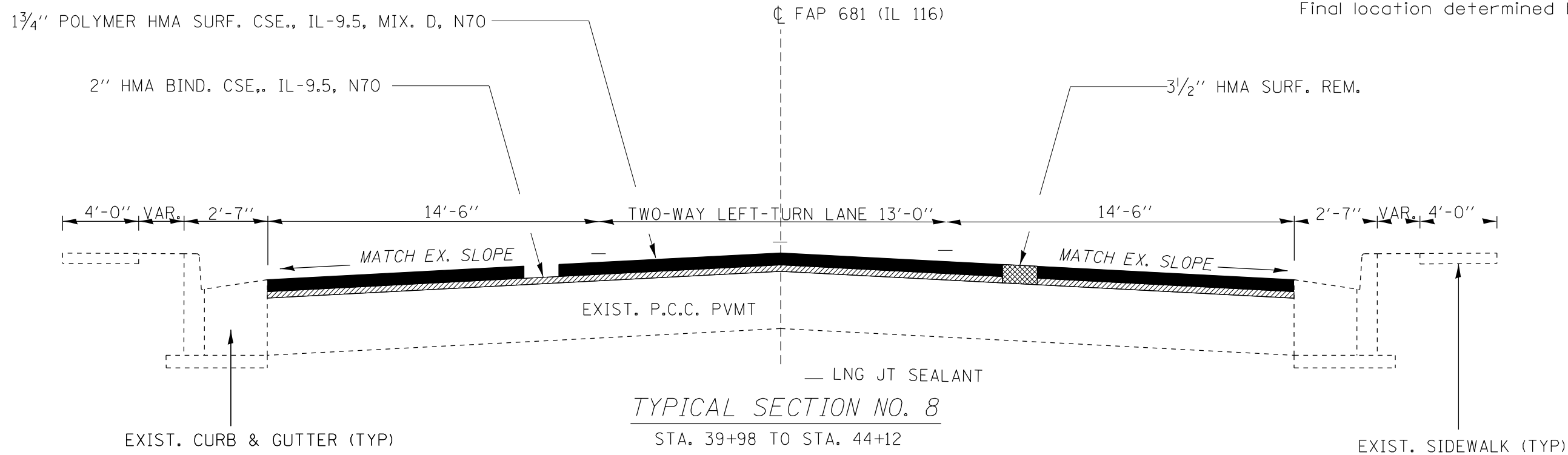
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STA. 29+10 TO STA. 36+90



**TYPICAL SECTION NO. 7**  
STA. 36+90 TO STA. 39+98

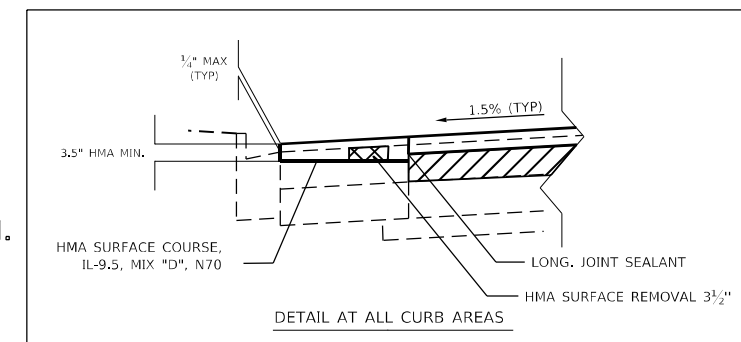
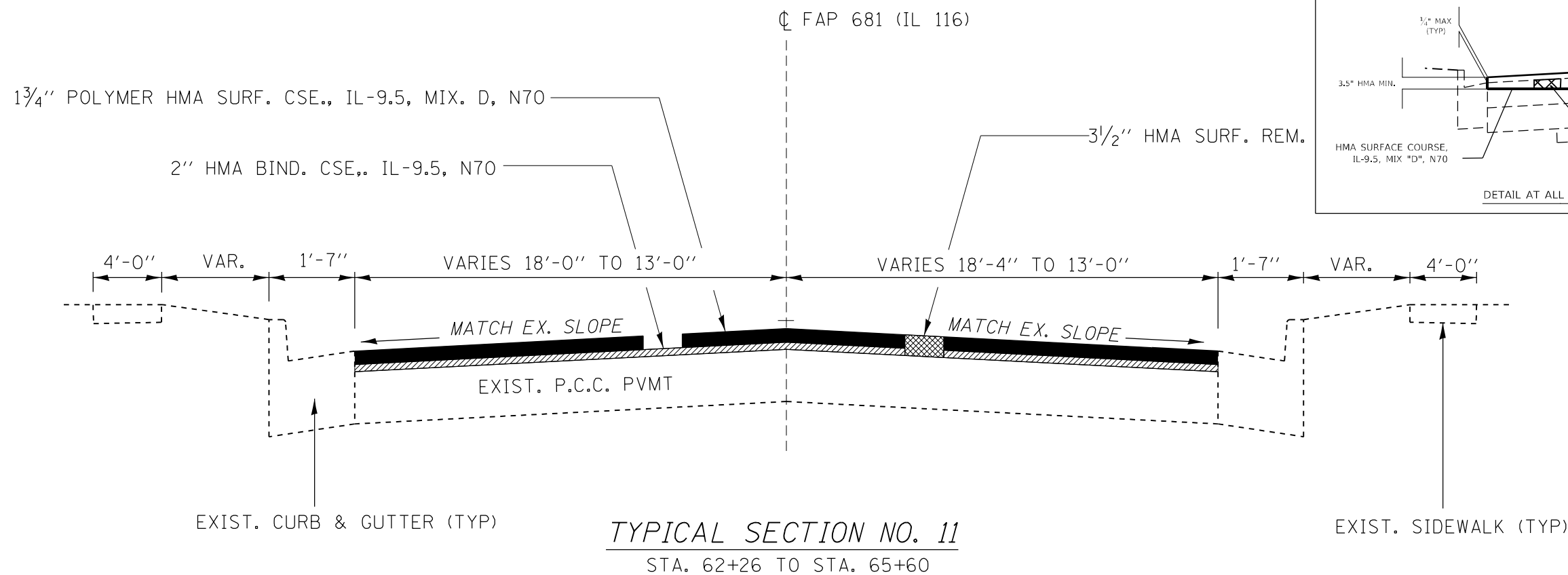
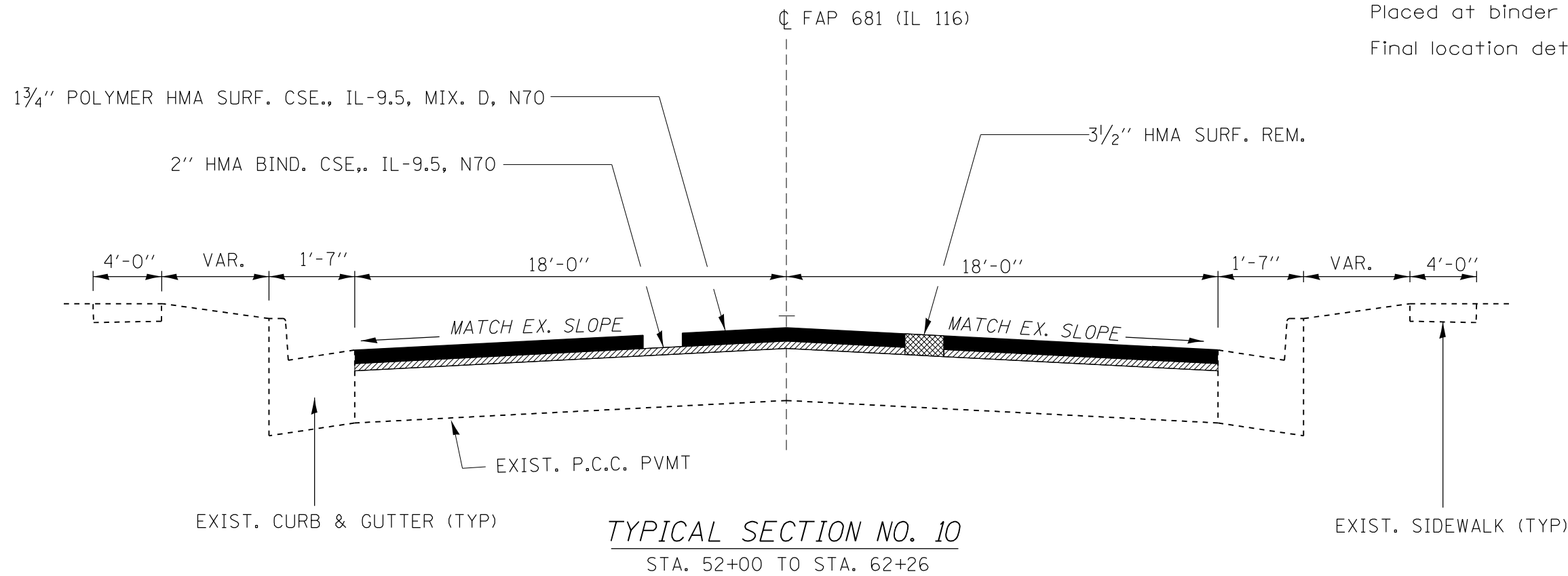
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pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 3\Projects\0366E53\CDRAWN\366E53-shd66666.dgn		DRAWN - S.CARMIN	REVISED -		SCALE:	SHEET NO. 4 OF 8 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
PLOT SCALE = 100.0000' / in.		CHECKED - JOYIER	REVISED -									
PLOT DATE = 3/25/2022		DATE - 3/25/2022	REVISED -									

— LONGITUDINAL JOINT SEALANT  
Placed at binder course joints.  
Final location determined by Engineer



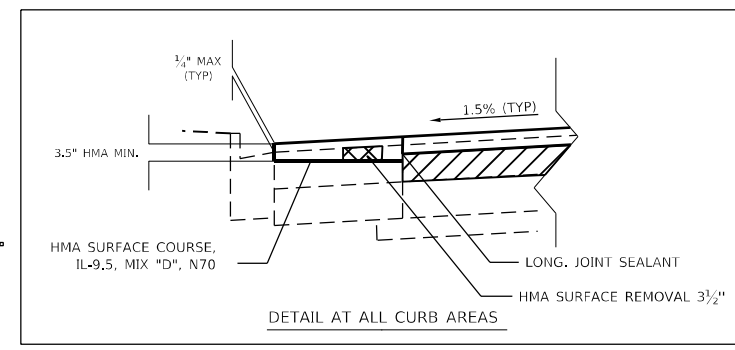
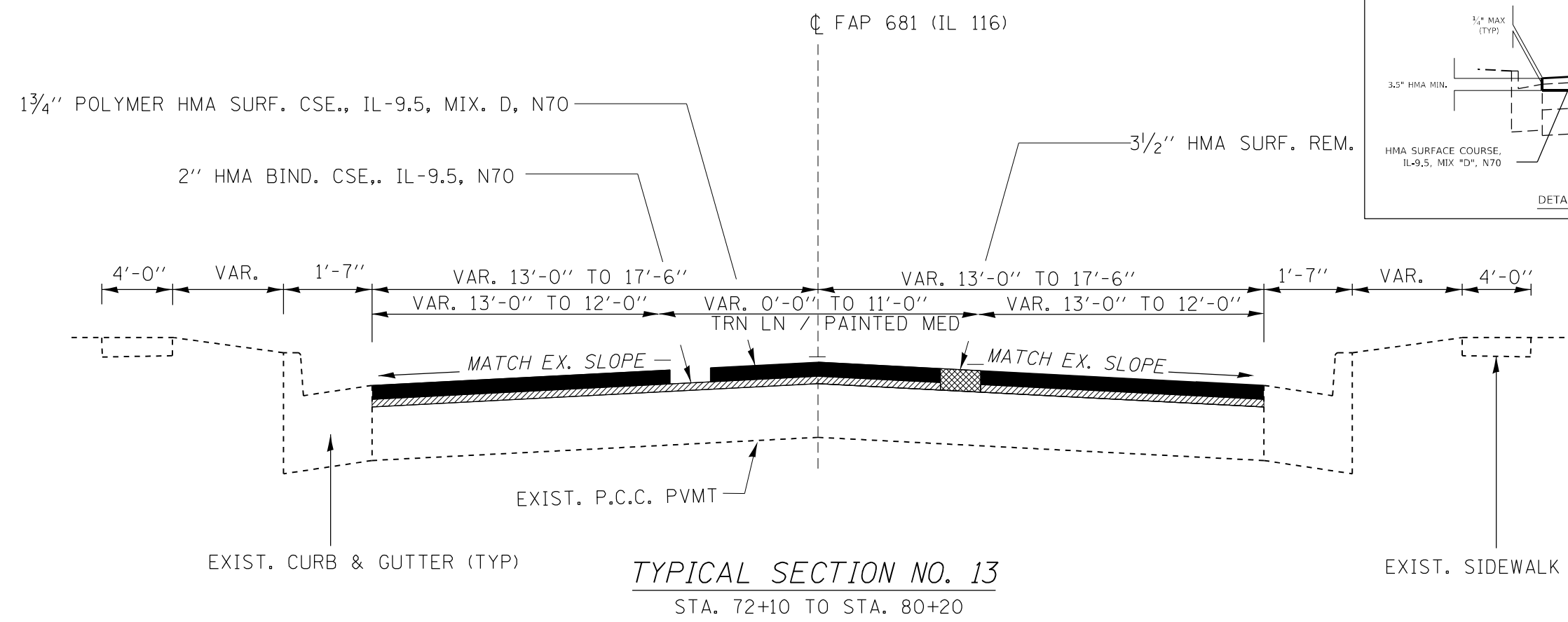
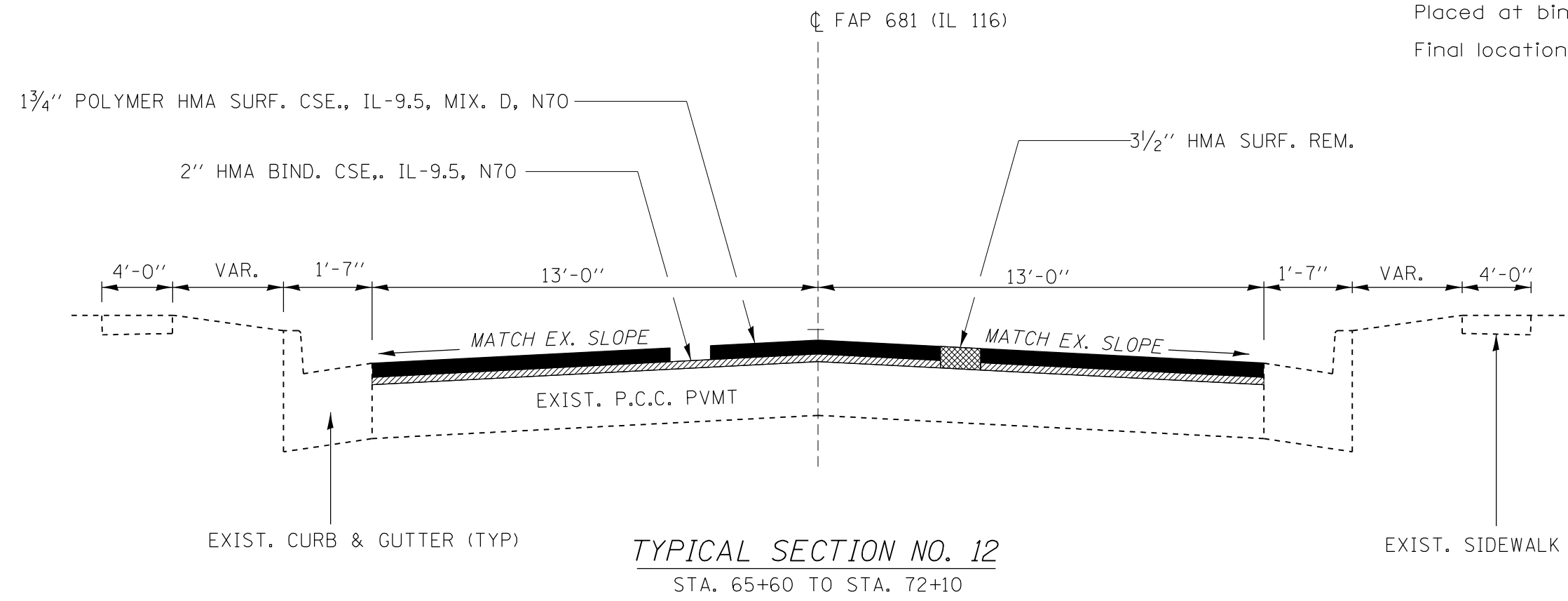
FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED - S.CARMIN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE. 681	SECTION (113)RS-3	COUNTY LIVINGSTON	TOTAL SHEETS 51	SHEET NO. 12
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PLOT SCALE = 100.0000' / in.	CHECKED - JOYIER	DATE - 3/25/2022	REVISED -		66E53							
PLOT DATE = 3/25/2022	DATE - 3/25/2022	REVISED -										

— LONGITUDINAL JOINT SEALANT  
Placed at binder course joints.  
Final location determined by Engineer



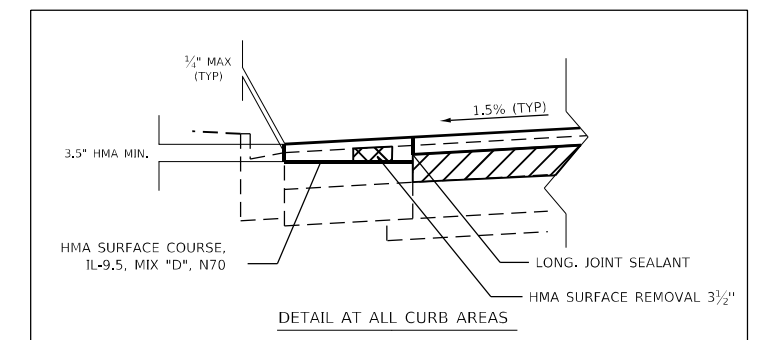
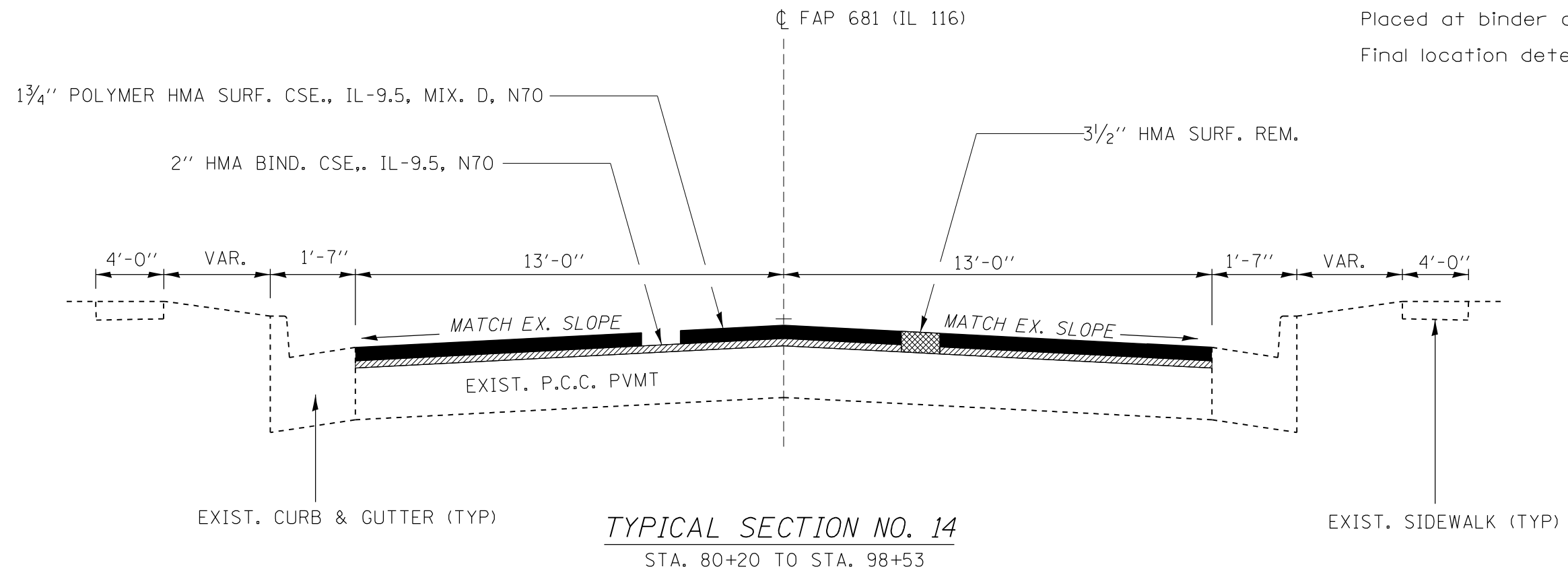
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		DATE - 3/25/2022	REVISED -		66E53							
			REVISED -									

— LONGITUDINAL JOINT SEALANT  
Placed at binder course joints.  
Final location determined by Engineer

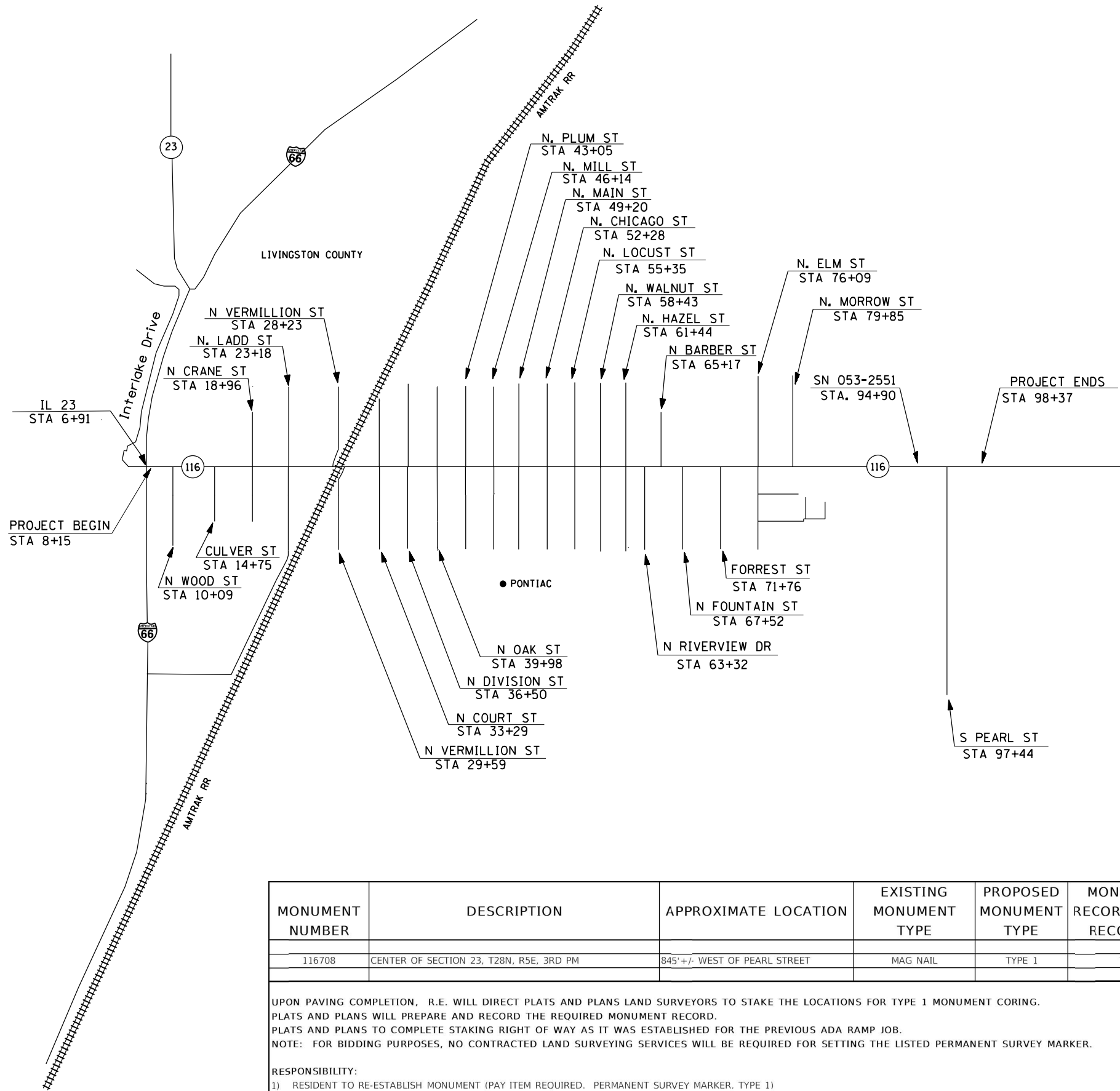


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		DATE - 3/25/2022	REVISED -									
					66E53							

— LONGITUDINAL JOINT SEALANT  
 Placed at binder course joints.  
 Final location determined by Engineer



FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED - S.CARMIN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 100.0000' / in.		CHECKED - JOYIER	REVISED -		ILLINOIS FED. AID PROJECT								
PLOT DATE = 3/25/2022		DATE - 3/25/2022	REVISED -		<b>66E53</b>								



MONUMENT NUMBER	DESCRIPTION	APPROXIMATE LOCATION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
116708	CENTER OF SECTION 23, T28N, R5E, 3RD PM	845' +/- WEST OF PEARL STREET	MAG NAIL	TYPE 1	YES	1

UPON PAVING COMPLETION, R.E. WILL DIRECT PLATS AND PLANS LAND SURVEYORS TO STAKE THE LOCATIONS FOR TYPE 1 MONUMENT CORING. PLATS AND PLANS WILL PREPARE AND RECORD THE REQUIRED MONUMENT RECORD. PLATS AND PLANS TO COMPLETE STAKING RIGHT OF WAY AS IT WAS ESTABLISHED FOR THE PREVIOUS ADA RAMP JOB. NOTE: FOR BIDDING PURPOSES, NO CONTRACTED LAND SURVEYING SERVICES WILL BE REQUIRED FOR SETTING THE LISTED PERMANENT SURVEY MARKER.

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



MAINLINE SCHEDULE													
LOCATION	LENGTH	RESURF WIDTH	RESURF AREA	HMA SURF REM 3.5"	POLYMERIZED HMA SURF CSE IL-9.5 MIX D, N70 1.75"	HMA BINDER CSE IL-9.5, N70 2"	MATL TRANS DEVICE	BIT MATL (TACK COAT)	MIX CRACKS JTS & FLANGEWAYS	HMA BINDER CSE (HM) N70	LONG JOINT SEAL	TEMP RAMP	
STATION	FOOT	FOOT	SQ FT	SQ YD	TON	TON	TON	POUND	TON	TON	FOOT	SQ YD	
URBAN													
STA 8+15 TO STA 14+75	660	38	24750	2750	270	308	578	1856	0.8	1.4	1980		
STA 14+75 TO STA 18+98	423	27	11421	1269	124	142	266	857	0.4	0.6	423		
STA 18+98 TO STA 20+43	145	32	4568	508	50	57	107	343	0.2	0.3	435		
STA 20+43 TO STA 26+03	560	36	20160	2240	220	251	471	1512	0.7	1.1	1680		
STA 26+03 TO STA 28+23	220	32	7040	782	77	88	165	528	0.2	0.4	220		
STA 28+23 TO STA 29+00	77	28	2156	240	24	27	51	162	0.1	0.1	77	36	
STA 29+00 TO STA 29+10	10												
RAILROAD OMISSION													
STA 29+10 TO STA 36+90	780	28	21840	2427	238	272	510	1638	0.7	1.2	780	36	
STA 36+90 TO STA 39+65	275	35	9625	1069	105	120	225	722	0.3	0.5	825		
STA 39+65 TO STA 48+40	875	42	36750	4083	400	457	857	2756	1.2	2	2625		
STA 48+40 TO STA 52+00	360	39	14040	1560	153	175	328	1053	0.5	0.8	1080		
STA 52+00 TO STA 62+26	1026	36	36936	4104	402	460	862	2770	1.2	2.1	3078		
STA 62+26 TO STA 65+60	334	31	10354	1150	113	129	242	777	0.3	0.6	334		
STA 65+60 TO STA 72+10	650	26	16900	1878	184	210	394	1268	0.6	0.9	650		
STA 72+10 TO STA 80+20	810	33	26447	2939	288	329	617	1984	0.9	1.5	2430		
STA 80+20 TO STA 98+37	1817	26	47242	5249	514	588	1102	3543	1.6	2.6	1817	34	
TOTAL				32248	3162	3613	6775	21769	9.7	16.1	18434	106	

DRAINAGE SCHEDULE									
STA	SIDE	STR NO.	WORK DESCRIPTION	STONE RIPRAP CLASS A4	FILTER FABRIC	SS TO BE CLEANED 12"	INLETS TO BE ADJ	CONC CURB REPAIR	DELINEATORS
				SQ YD	SQ YD	FT	EACH	FOOT	EACH
URBAN LIVINGSTON COUNTY									
16+60	RT		CURB REPAIR					3	
17+05	LT		CURB REPAIR					6	
17+05	RT		CURB REPAIR					4	
22+80	LT		CURB REPAIR					3	
58+21	LT TP RT		STORM SEWER CLEANING			43.0			
66+96	RT		CURB REPAIR					4	
70+20	LT		CURB REPAIR					8	
72+19	LT TO RT		STORM SEWER CLEANING			35.0			
82+00	LT		CURB REPAIR					6	
82+20	LT		INLET ADJUSTMENT				1		
82+20	RT		INLET ADJUSTMENT				1		
82+20	LT		CURB REPAIR					8	
82+20	RT		CURB REPAIR					8	
86+44	LT		CURB REPAIR					2	
86+44	RT		CURB REPAIR					6	
87+94	RT		CURB REPAIR					2	
93+54	RT		CURB REPAIR					4	
93+62	LT		CURB REPAIR					4	
93+94	LT		CURB REPAIR					6	
94+90	LT	053-2551	PLACE 20 SY OF RIPRAP AT THE UPSTREAM FACE	20	20				2
TOTALS				20	20	78	2	74	2

TRAFFIC SIGNALS SCHEDULE					
LOCATION	MAINT OF EXIST TRAFF SIG INSTALL	MODIFY EXISTING CONTROLLER & CABINET	PERM TRAFF SIG SIGNAL TIMING	REMOTE CTROLLED VIDEO SYSTEM	VIDEO VEHICLE DETECTION SYSTEM
	EACH	EACH	EACH	EACH	EACH
COVID-URBAN					
IL 116 & HOWARD ST	1	1	1	1	1
IL 116 & LADD ST	1	1	1	1	1
IL 116 & MILL ST	1	1	1	1	1
IL 116 & MAIN ST	1	1	1	1	1
IL 116 & ELM ST	1	1	1	1	1
IL 116 & MORROW ST	1	1	1	1	1
TOTAL	6	6	6	6	6

PAVEMENT MARKING SCHEDULE																										
LOCATION		COMMENT	LENGTH	THERMOPLASTIC PM						PREFORMED PLASTIC		GROOVING FOR RECESSED PM					RAISED	RAISED								
				LINE 4"	LINE 6"	LINE 8"	LINE 12"		LTR &	PM, T-D	PM, T-D	5"	7"	9"	13"	25"	LTR &	REF	REF PM							
STATION			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH							
URBAN LIVINGSTON COUNTY																										
STA 08+15	TO STA 11+24	NO PASS	309		618			447		33			618	0	447	0	0	33	32	32						
STA 11+24	TO STA 14+41	NO PASS	317		1268				75				1268	0	0	75	0	0	16	16						
STA 14+41	TO STA 19+22	PASS	481				120						0	120	0	0	0	0	12	12						
STA 19+22	TO STA 21+35	NO PASS	213		852			17		49			852	0	17	49	0	0	10	10						
STA 21+35	TO STA 25+03	NO PASS	368		622			352					622	270	352	0	128	62	24	24						
STA 25+03	TO STA 27+85	NO PASS	282		1128				72	61			1128	0	0	72	23	61	14	14						
STA 27+85	TO STA 32+96	NO PASS	511		894					61	188	92	894	188	0	0	92	61	22	22						
STA 32+96	TO STA 36+82	PASS	386				80						0	80	0	0	0	0	8	8						
STA 36+82	TO STA 40+25	NO PASS	343		1032				61				1032	0	0	61	0	0	20	20						
STA 40+25	TO STA 43+63	NO PASS	337		674		168			62	162	18	674	330	0	0	18	62	16	16						
STA 43+63	TO STA 44+52	NO PASS	89		249		40			9			249	40	9	0	0	9	7	7						
STA 44+52	TO STA 46+95	NO PASS	243	185	266			206		59	392	92	471	392	206	0	92	59	12	12						
STA 46+95	TO STA 47+55	NO PASS	60		240							27	240	0	0	27	19	0	2	2						
STA 47+55	TO STA 50+43	NO PASS	288	92	442			192		35	338	104	534	338	192	0	104	35	5	5						
STA 50+43	TO STA 53+34	NO PASS	291	327	830			110	34	45			1157	0	110	80	0	0	12	12						
STA 53+34	TO STA 72+22	PASS	1888				472						0	472	0	0	0	0	24	24						
STA 72+22	TO STA 73+70	NO PASS	147		588				20				588	0	0	20	0	0	8	8						
STA 73+70	TO STA 78+14	NO PASS	445		674			337		53	461	102	674	461	337	0	102	53	24	24						
STA 78+14	TO STA 80+18	NO PASS	204		540						128	26	540	128	0	141	26	0	10	10						
STA 80+18	TO STA 98+37	PASS	1818				455						0	455	0	0	14	0	23	23						
TOTALS			9022		11541		1335		1670		525		435		1939		618		11541	3274	1670	525	618	435	301	301

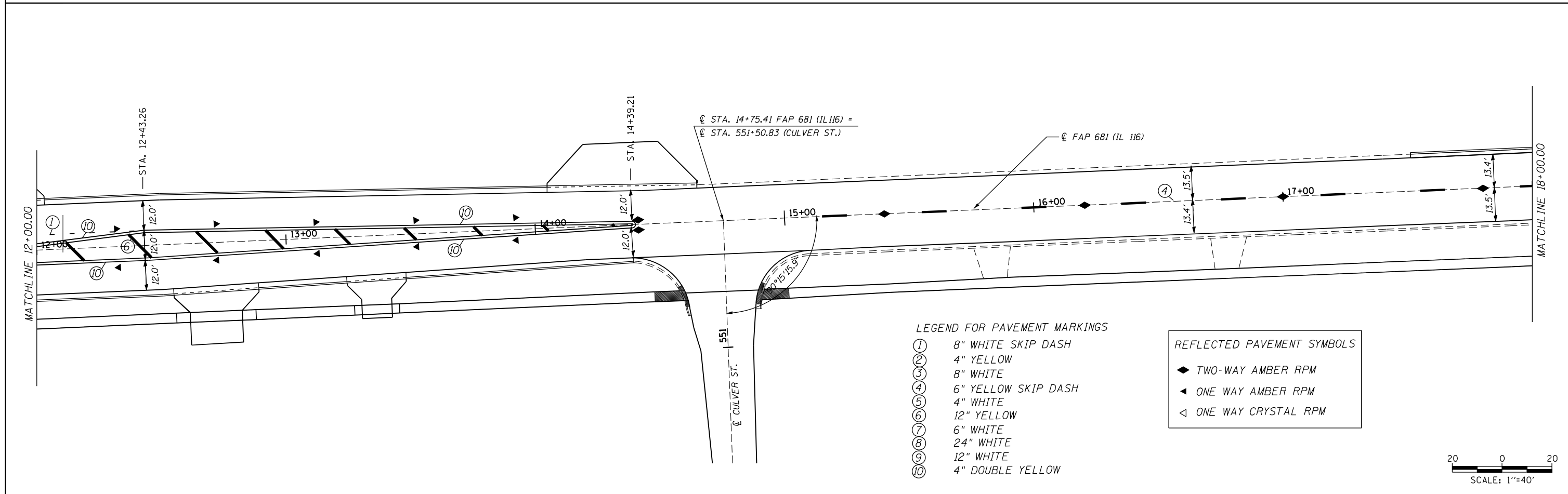
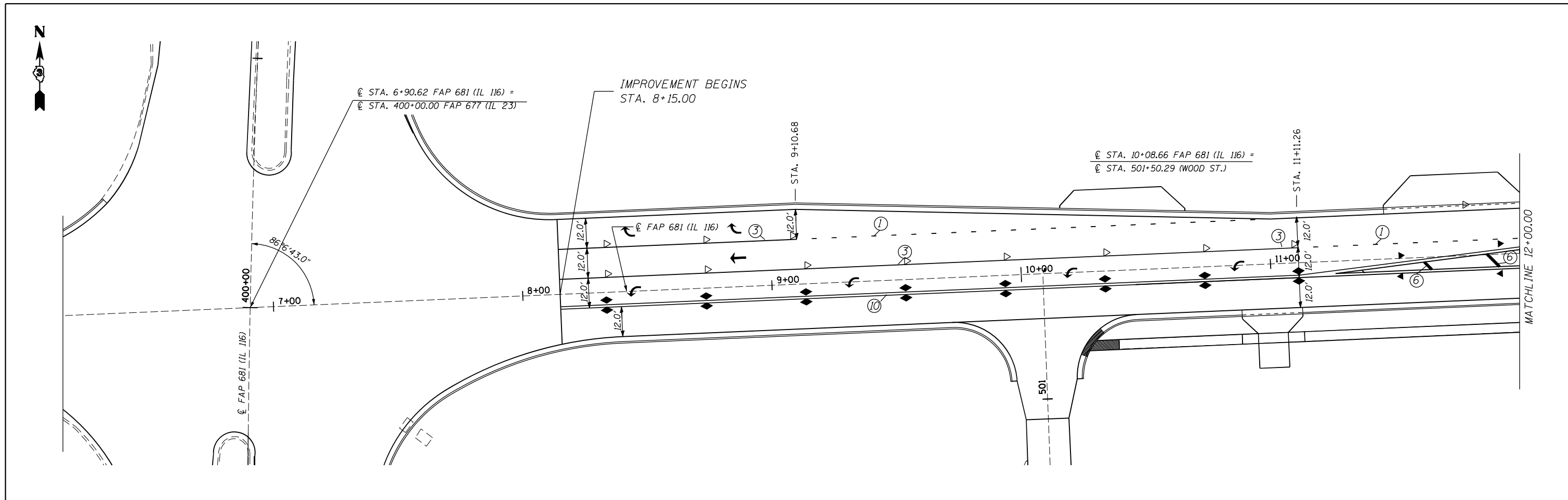
SHORT TERM PAVEMENT MARKINGS										
LOCATION		COMMENT	LENGTH	SHORT	SHORT	TMP PVT	PAVMT			
				TERM	TERM	MK L&S	MRKG REM			
STATION			FOOT	FOOT	SQ FT	T3 TAP	WTR BL			
			FOOT	FOOT	SQ FT	SQ FT	SQ FT			
URBAN LIVINGSTON COUNTY										
STA 08+15	TO STA 11+24	NO PASS	309	306	102	99	99			
STA 11+24	TO STA 14+41	NO PASS	317	384	128		0			
STA 14+41	TO STA 19+22	PASS	481	144	43		0			
STA 19+22	TO STA 21+35	NO PASS	213	252	84		0			
STA 21+35	TO STA 25+03	NO PASS	368	729	243	186	186			
STA 25+03	TO STA 27+85	NO PASS	282	405	135	183	183			
STA 27+85	TO STA 32+96	NO PASS	511	549	163	183	183			
STA 32+96	TO STA 36+82	PASS	386	33	11		0			
STA 36+82	TO STA 40+25	NO PASS	343	306	102		0			
STA 40+25	TO STA 43+63	NO PASS	337	258	86	186	186			
STA 43+63	TO STA 44+52	NO PASS	89	75	25	27	27			
STA 44+52	TO STA 46+95	NO PASS	243	423	141	177	177			
STA 46+95	TO STA 47+55	NO PASS	60	129	43		0			
STA 47+55	TO STA 50+43	NO PASS	288	501	167	105	105			
STA 50+43	TO STA 53+34	NO PASS	291	259	86		0			
STA 53+34	TO STA 72+22	PASS	1888	189	63		0			
STA 72+22	TO STA 73+70	NO PASS	147	180	60		0			
STA 73+70	TO STA 78+14	NO PASS	445	612	204	159	159			
STA 78+14	TO STA 80+18	NO PASS	204	234	78		0			
STA 80+18	TO STA 98+37	PASS	1818	588	166	0	0			
TOTALS			9020	6556	2185	1305	1305			

ADA SIDEWALK SCHEDULE						
LOCATION	QUADRANT	PCC	DETECTABLE	CC&G	SIDEWALK	CCC&G,
		SIDEWALK	WARNING	REM	REM	TYPE
		4"				B-6.24
		SQ FT	SQ FT	FOOT	SQ FT	FOOT
URBAN						
CULVER STREET	SW	75.7	8.0	26.8	71.9	26.8
	SE	73.6	8.0	19.4	61.8	19.4
WOOD STREET	SE	47.5	8.0	24.5	45.5	24.5
TOTAL		197	24	71	179	71

ADJUSTMENT & UTILITY SCHEDULE				
LOCATION			WATER	FRAMES
STATION	SIDE	OFFSET	VALVES	AND LIDS
		FROM CL	TO BE ADJ	TO BE ADJ
		FT	EACH	EACH
URBAN				
008+20	LT	23.3		1
009+45	LT	23.5		1
018+73	LT	16		1
022+67	LT	32		1
023+19	RT	12	1	
023+21	RT	18	1	
023+37	RT	13	1	
023+39	RT	12	1	
023+39	RT	15	1	
023+41	RT	12	1	
023+69	LT	12.5		1
033+23	LT	23.5		1
033+79	LT	2		1
036+50	RT	2		1
036+54	RT	16	1	
040+01	RT	0		1
042+53	RT	0		1
042+97	LT	28		1
042+99	RT	18		1
043+02	RT	30		1
043+05	RT	18		1
043+25	LT	15		1
046+06	LT	15		1
046+08	RT	16		1
046+34	RT	18		1
047+20	RT	17		1
048+95	LT	20		1
049+10	LT	16		1
049+15	RT	32	1	
052+12	LT	20		1
058+27	LT	15		1
061+35	RT	7		1
063+20	LT	2		1
064+39	LT	12		1
067+24	LT	10		1
067+67	RT	16	1	
067+70	RT	21	1	
067+94	RT	24	1	
070+96	RT	14		1
075+81	RT	23	1	
075+86	RT	16.5	1	
076+01	RT	29		1
076+20	RT	27	1	
076+32	RT	24		1
TOTAL			14	30

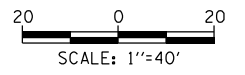
PATCHING SCHEDULE							
LOCATION	PATCH LENGTH	PATCH WIDTH	CLASS B PATCH TYPE II 12"	CLASS B PATCH TYPE III 12"	WELDED WIRE REINFORCEMENT	DOWEL BARS 1 1/2"	SAW CUTS
STATION	FOOT	FOOT	SQ YD	SQ YD	SQ YD	EACH	FOOT
27+00	13.5	12		18	17	20	63
31+40	4.5	30		15	15	56	99
33+25	13.5	8	12		11	12	51
33+75	13.5	14		21	20	24	69
36+10	13.5	6	9		8	8	45
36+20	4.5	27	14		13	50	90
36+90	4.5	13.5	7		6	23	49.5
36+90	4.5	13.5	7		6	23	49.5
44+80	4.5	22.5	11		11	41	76.5
44+80	4.5	22.5	11		11	41	76.5
45+80	4.5	22.5	11		11	41	76.5
45+80	4.5	22.5	11		11	41	76.5
43+00	13.5	10		15	14	16	57
46+50	4.5	45		23	22	86	144
47+50	4.5	36		18	18	68	117
50+50	4.5	36		18	18	68	117
52+65	13.5	10		15	14	16	57
54+25	4.5	36		18	18	68	117
55+00	4.5	36		18	18	68	117
57+20	4.5	36		18	18	68	117
58+10	4.5	36		18	18	68	117
58+80	4.5	36		18	18	68	117
60+30	4.5	36		18	18	68	117
64+00	4.5	26	13		13	48	87
72+25	4.5	14	7		7	24	51
72+25	4.5	18	9		9	32	63
73+50	4.5	28	14		14	52	93
75+00	4.5	35		18	17	66	114
TOTAL			136	269	394	1264	2424

SIDE ROAD & ENTRANCE SCHEDULE									
LOCATION			LENGTH	WIDTH	RESURF AREA	HMA SURF REMOVAL VARIABLE DEPTH	BITUMINOUS MATERIAL (TACK COAT)	INCIDENTAL HMA SURFACING	TEMP RAMP
ROAD NAME	SIDE	STATION	FT	FT	SQ FT	SQ YD	POUND	TON	SQ YD
URBAN LIVINGSTON COUNTY									
WOOD ST	RT	10+09	20	44	880	98	44	15	14
CULVER ST	RT	14+75	20	43	860	96	43	14	14
CRANE ST	LT	18+95	30	48	1440	160	72	24	14
CRANE ST	RT	18+99	30	41	1230	137	62	20	14
LADD ST	LT	23+13	40	96	3840	427	192	64	26
LADD ST	RT	23+13	70	108	7560	840	378	126	28
VERNILION ST	LT	28+23	20	55	1100	122	55	18	19
ALLEY	RT	28+23	30	42	1260	140	63	21	16
VERNILION ST	RT	29+59	20	45	900	100	45	15	16
COURT ST	LT	33+29	12	54	648	72	32	11	22
COURT ST	RT	33+29	NO WORK PCC		0	0	0	0	0
DIVISION ST	LT	36+50	20	60	1200	133	60	20	29
DIVISION ST	RT	36+50	30	57	1710	190	86	28	29
OAK ST	LT	39+93	20	40	800	89	40	13	16
OAK ST	RT	39+93	25	51	1275	142	64	21	26
PLUM ST	LT	43+05	20	39	780	87	39	13	19
PLUM ST	RT	43+05	25	50	1250	139	63	21	24
MILL ST	LT	46+14	60	70	4200	467	210	70	22
MILL ST	RT	46+14	57	46	2622	291	131	44	25
MAIN ST	LT	49+20	40	64	2560	284	128	42	15
MAIN ST	RT	49+20	30	52	1560	173	78	26	28
CHICAGO ST	LT	52+23	27	41	1107	123	55	18	21
CHICAGO ST	RT	52+23	20	38	760	84	38	13	18
LOCUST ST	LT	55+35	20	36	720	80	36	12	14
LOCUST ST	RT	55+35	20	40	800	89	40	13	17
WALNUT ST	LT	58+43	20	35	700	78	35	12	16
WALNUT ST	RT	58+43	20	38	760	84	38	13	17
HAZEL ST	LT	61+44	20	40	800	89	40	13	17
HAZEL ST	RT	61+44	20	43	860	96	43	14	17
RIVERVIEW DR.	RT	63+32	20	36	720	80	36	12	8
BARBER ST	LT	65+17	20	50	1000	111	50	17	15
FOUNTAIN ST	RT	67+52	40	52	2080	231	104	35	16
FORREST ST	RT	71+75	20	43	860	96	43	14	14
ELM ST	RT	76+09	20	84	1680	187	84	28	28
ELM ST	LT	76+19	20	80	1600	178	80	27	28
MORROW ST	LT	79+85	20	49	980	109	49	16	17
CE	RT	93+05	10	55	550	61	28	9	
PEARL ST	RT	97+44	40	52	2080	231	104	35	13
TOTAL					55732	6194	2788	927	692

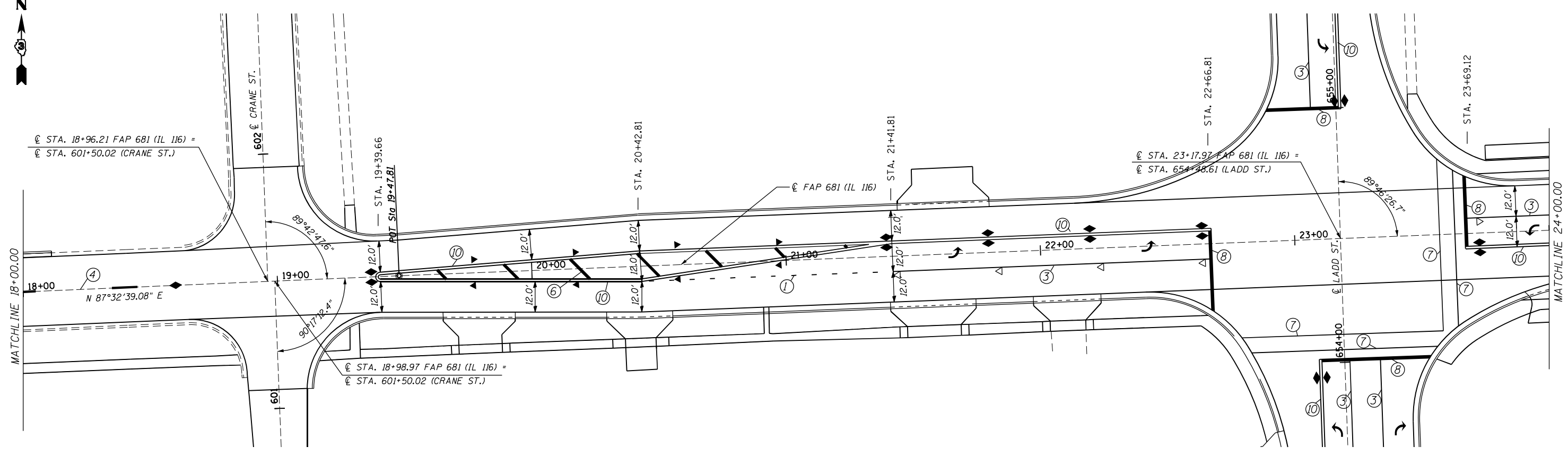


- LEGEND FOR PAVEMENT MARKINGS
- ① 8" WHITE SKIP DASH
  - ② 4" YELLOW
  - ③ 8" WHITE
  - ④ 6" YELLOW SKIP DASH
  - ⑤ 4" WHITE
  - ⑥ 12" YELLOW
  - ⑦ 6" WHITE
  - ⑧ 24" WHITE
  - ⑨ 12" WHITE
  - ⑩ 4" DOUBLE YELLOW

- REFLECTED PAVEMENT SYMBOLS
- ◆ TWO-WAY AMBER RPM
  - ◀ ONE WAY AMBER RPM
  - ◁ ONE WAY CRYSTAL RPM



FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\dot-pw-bentley.com\PWIDOT\Documents\DOT Offices\District 3\Projects\0366E53\CDRAWN\0366E53-sht-PavementMarkings.dgn	DRAWN -	REVISOR -	REVISOR -					681	(113)RS-3	LIVINGSTON	51	21
Default	PLOT SCALE = 40.000' / in.	CHECKED -	REVISOR -		SCALE: 40			SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 66E53	
	PLOT DATE = 3/25/2022	DATE -	REVISOR -		ILLINOIS FED. AID PROJECT							

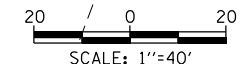
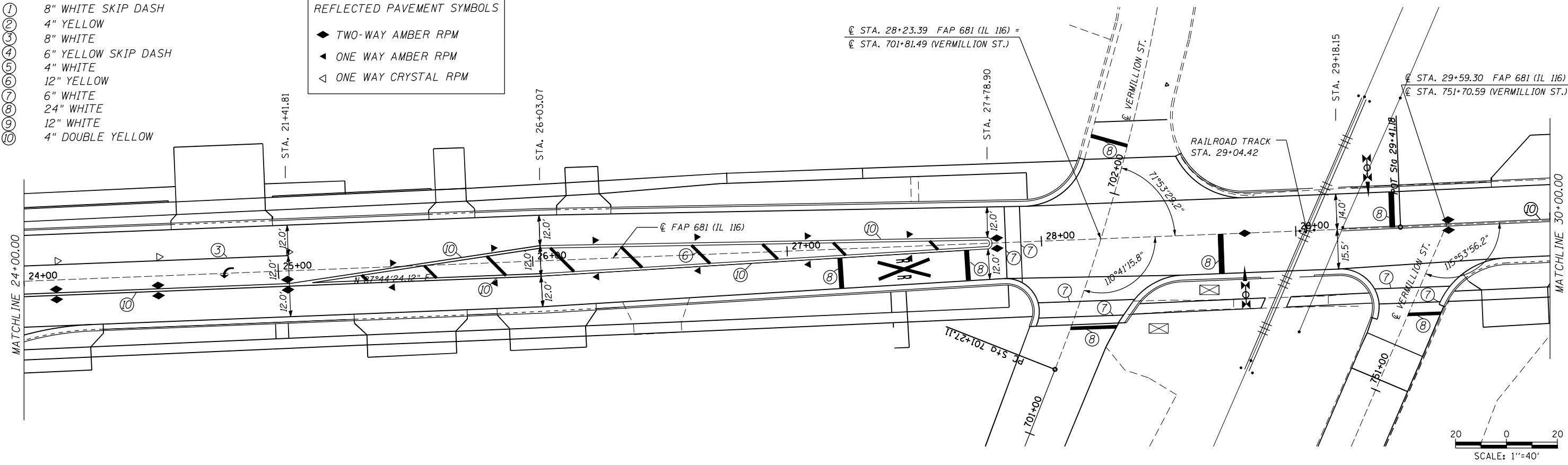


LEGEND FOR PAVEMENT MARKINGS

- ① 8" WHITE SKIP DASH
- ② 4" YELLOW
- ③ 8" WHITE
- ④ 6" YELLOW SKIP DASH
- ⑤ 4" WHITE
- ⑥ 12" YELLOW
- ⑦ 6" WHITE
- ⑧ 24" WHITE
- ⑨ 12" WHITE
- ⑩ 4" DOUBLE YELLOW

REFLECTED PAVEMENT SYMBOLS

- ◆ TWO-WAY AMBER RPM
- ◀ ONE WAY AMBER RPM
- ◁ ONE WAY CRYSTAL RPM



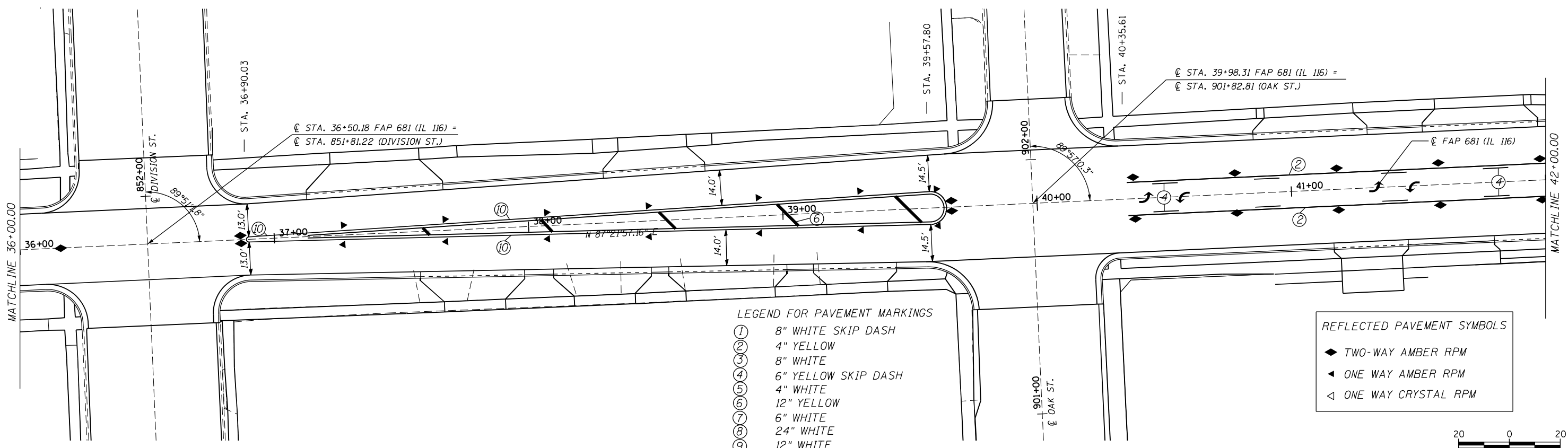
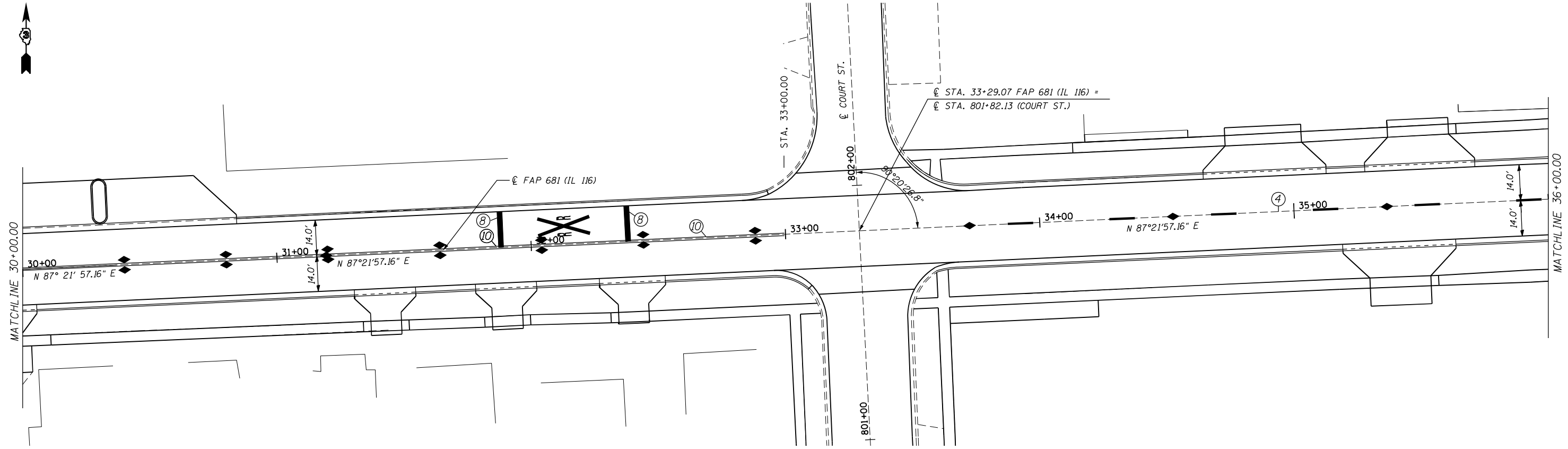
FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN**

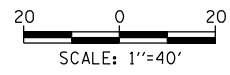
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	22
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				



- LEGEND FOR PAVEMENT MARKINGS
- ① 8" WHITE SKIP DASH
  - ② 4" YELLOW
  - ③ 8" WHITE
  - ④ 6" YELLOW SKIP DASH
  - ⑤ 4" WHITE
  - ⑥ 12" YELLOW
  - ⑦ 6" WHITE
  - ⑧ 24" WHITE
  - ⑨ 12" WHITE
  - ⑩ 4" DOUBLE YELLOW

- REFLECTED PAVEMENT SYMBOLS
- ◆ TWO-WAY AMBER RPM
  - ◀ ONE WAY AMBER RPM
  - ◁ ONE WAY CRYSTAL RPM



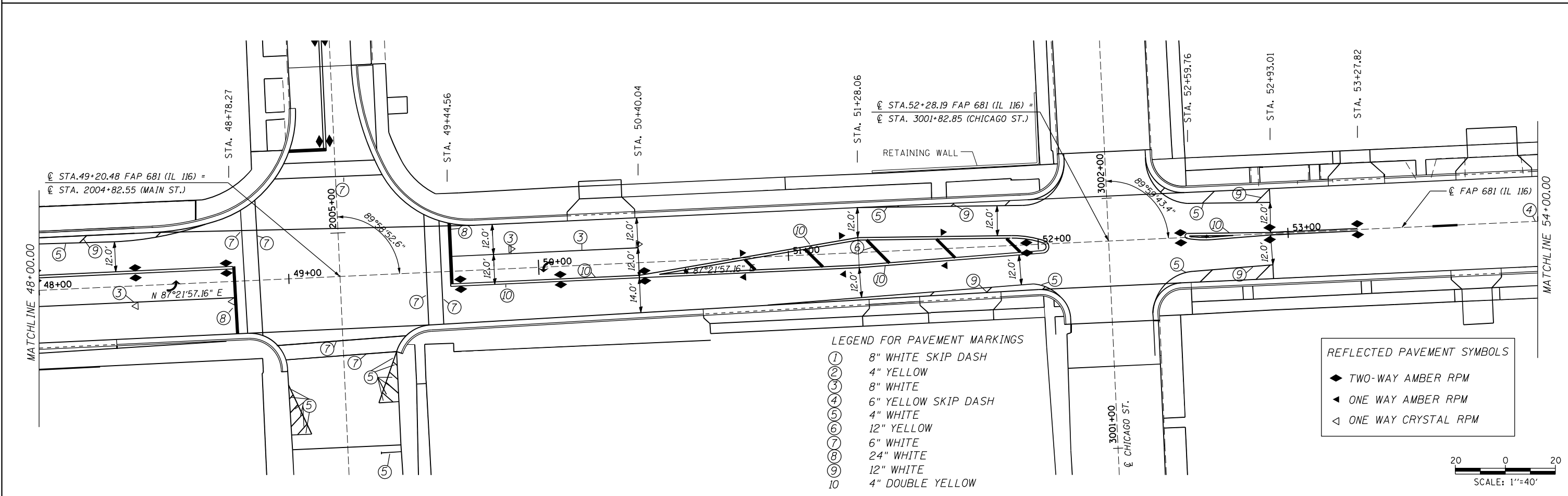
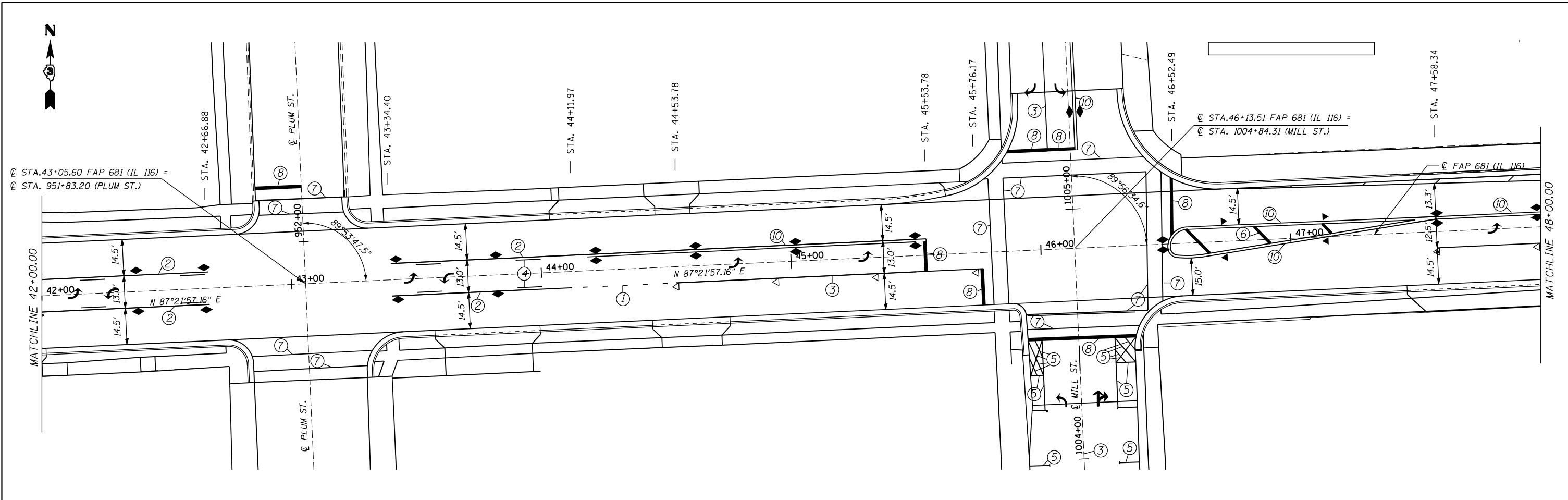
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p:\dot-pw.bentley.com\PWIDOT\Documents\DOT Offices\District 3\Projects\0366E53\CDRAWN\366E53-shr-PavementMarkings.dgn		REVISOR -	REVISOR -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN**

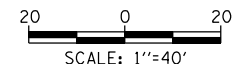
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	23
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				



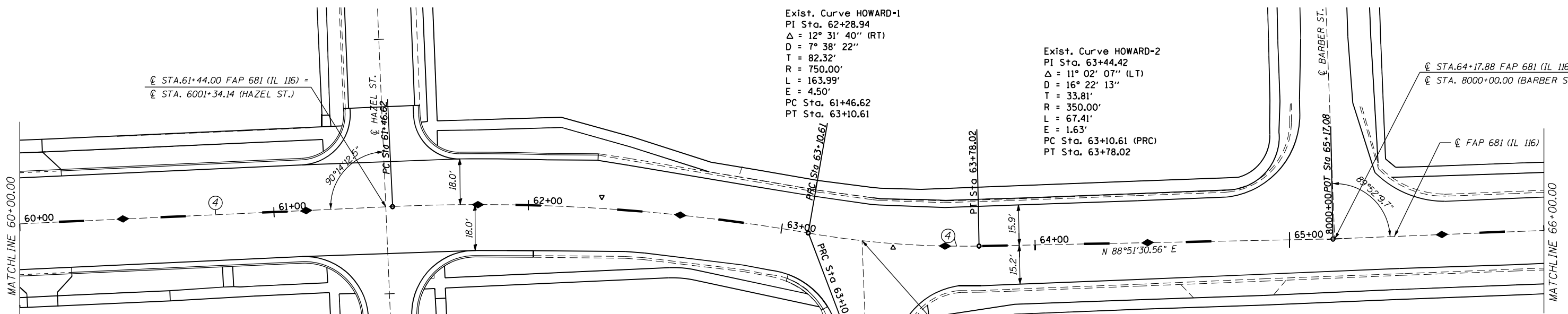
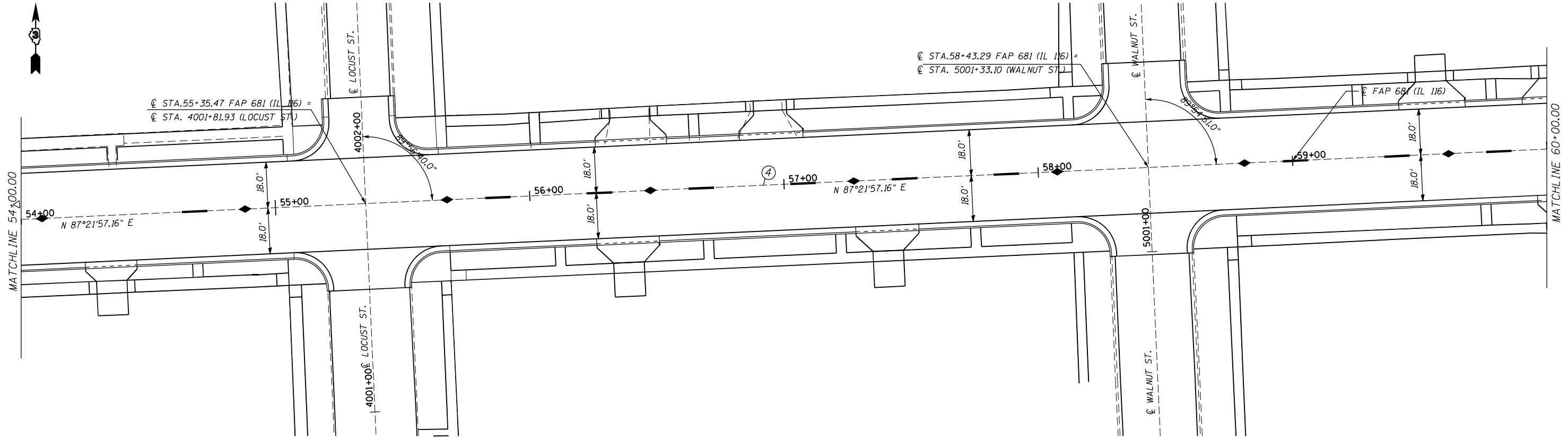
- LEGEND FOR PAVEMENT MARKINGS
- ① 8" WHITE SKIP DASH
  - ② 4" YELLOW
  - ③ 8" WHITE
  - ④ 6" YELLOW SKIP DASH
  - ⑤ 4" WHITE
  - ⑥ 12" YELLOW
  - ⑦ 6" WHITE
  - ⑧ 24" WHITE
  - ⑨ 12" WHITE
  - ⑩ 4" DOUBLE YELLOW

- REFLECTED PAVEMENT SYMBOLS
- ◆ TWO-WAY AMBER RPM
  - ◀ ONE WAY AMBER RPM
  - ◁ ONE WAY CRYSTAL RPM



FILE NAME :	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN</b>			F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	\\dot-pw.bentley.com\PWIDOT\Documents\DOT Offices\District 3\Projects\0366E53\CDRAWN\0366E53-shr-PavementMarkings.dgn	CHECKED -	REVISED -					681	(113)RS-3	LIVINGSTON	51	24
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	PLOT DATE = 3/25/2022							ILLINOIS FED. AID PROJECT				



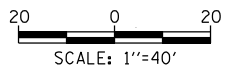


Exist. Curve HOWARD-1  
 PI Sta. 62+28.94  
 $\Delta = 12^\circ 31' 40''$  (RT)  
 D = 7° 38' 22"  
 T = 82.32'  
 R = 750.00'  
 L = 163.99'  
 E = 4.50'  
 PC Sta. 61+46.62  
 PT Sta. 63+10.61

Exist. Curve HOWARD-2  
 PI Sta. 63+44.42  
 $\Delta = 11^\circ 02' 07''$  (LT)  
 D = 16° 22' 13"  
 T = 33.81'  
 R = 350.00'  
 L = 67.41'  
 E = 1.63'  
 PC Sta. 63+10.61 (PRC)  
 PT Sta. 63+78.02

- LEGEND FOR PAVEMENT MARKINGS
- ① 8" WHITE SKIP DASH
  - ② 4" YELLOW
  - ③ 8" WHITE
  - ④ 6" YELLOW SKIP DASH
  - ⑤ 4" WHITE
  - ⑥ 12" YELLOW
  - ⑦ 6" WHITE
  - ⑧ 24" WHITE
  - ⑨ 12" WHITE
  - ⑩ 4" DOUBLE YELLOW

- REFLECTED PAVEMENT SYMBOLS
- ◆ TWO-WAY AMBER RPM
  - ◀ ONE WAY AMBER RPM
  - ◁ ONE WAY CRYSTAL RPM



FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
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Default	PLOT DATE = 3/25/2022	DATE -	REVISED -

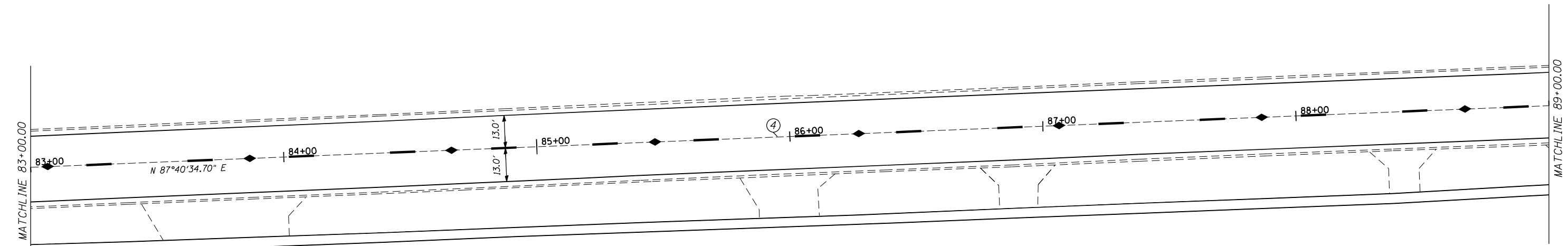
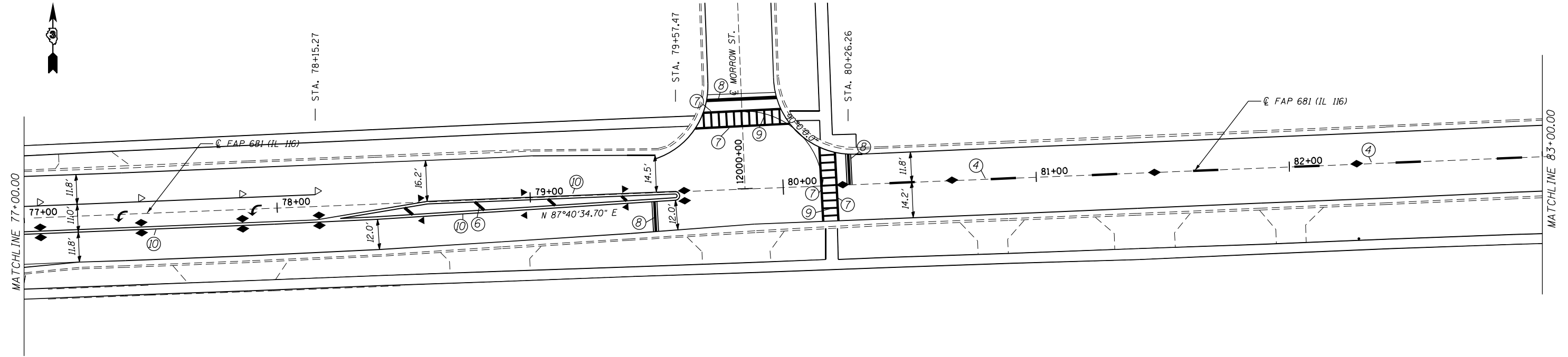
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	25
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				





LEGEND FOR PAVEMENT MARKINGS

- ① 8" WHITE SKIP DASH
- ② 4" YELLOW
- ③ 8" WHITE
- ④ 6" YELLOW SKIP DASH
- ⑤ 4" WHITE
- ⑥ 12" YELLOW
- ⑦ 6" WHITE
- ⑧ 24" WHITE
- ⑨ 12" WHITE
- ⑩ 4" DOUBLE YELLOW

REFLECTED PAVEMENT SYMBOLS

- ◆ TWO-WAY AMBER RPM
- ◀ ONE WAY AMBER RPM
- ◁ ONE WAY CRYSTAL RPM



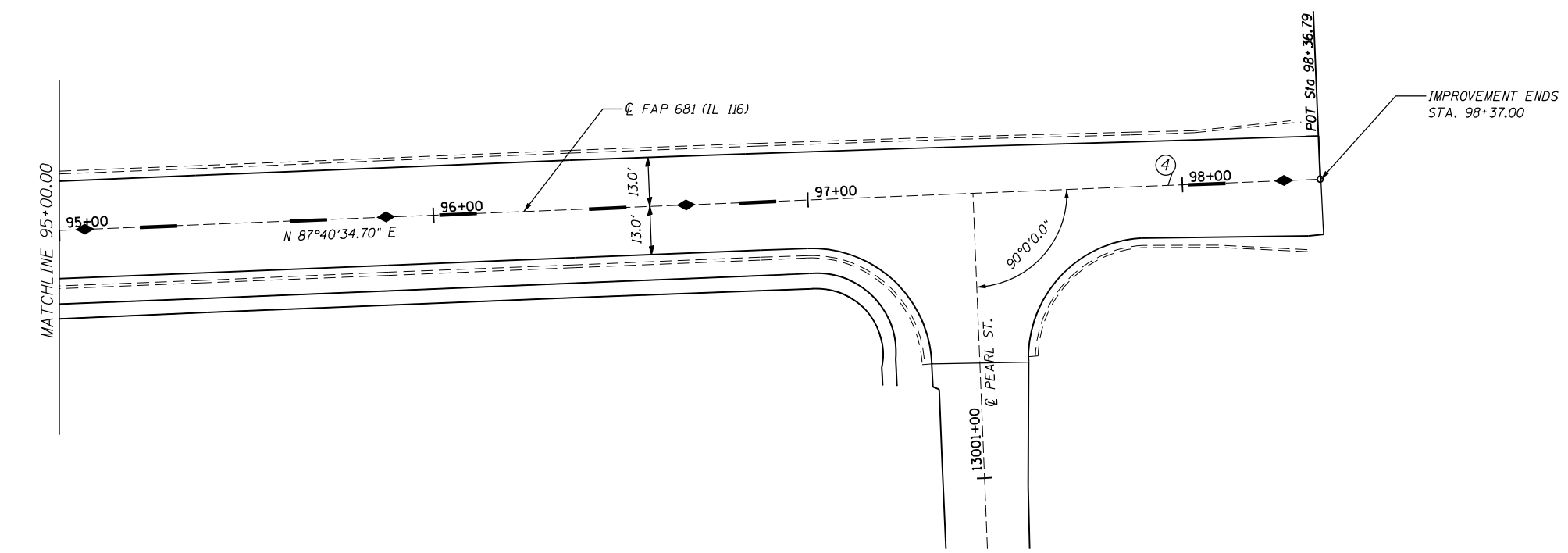
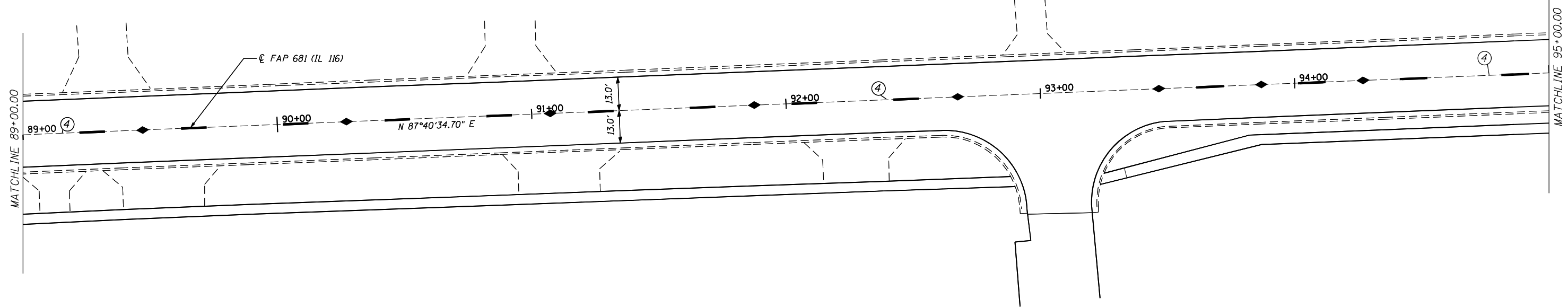
FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
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	PLOT SCALE = 40.000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/25/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	27
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				



LEGEND FOR PAVEMENT MARKINGS

- ① 8" WHITE SKIP DASH
- ② 4" YELLOW
- ③ 8" WHITE
- ④ 6" YELLOW SKIP DASH
- ⑤ 4" WHITE
- ⑥ 12" YELLOW
- ⑦ 6" WHITE
- ⑧ 24" WHITE
- ⑨ 12" WHITE
- ⑩ 4" DOUBLE YELLOW

REFLECTED PAVEMENT SYMBOLS

- ◆ TWO-WAY AMBER RPM
- ◀ ONE WAY AMBER RPM
- ◁ ONE WAY CRYSTAL RPM

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
pw:\idot-pw\bentley.com\PWIDOT\Documents\IDOT Offices\District 3\Projects\0366E53\CDRAWN\0366E53-sht-PavementMarkings.dgn		CHECKED -	REVISED -
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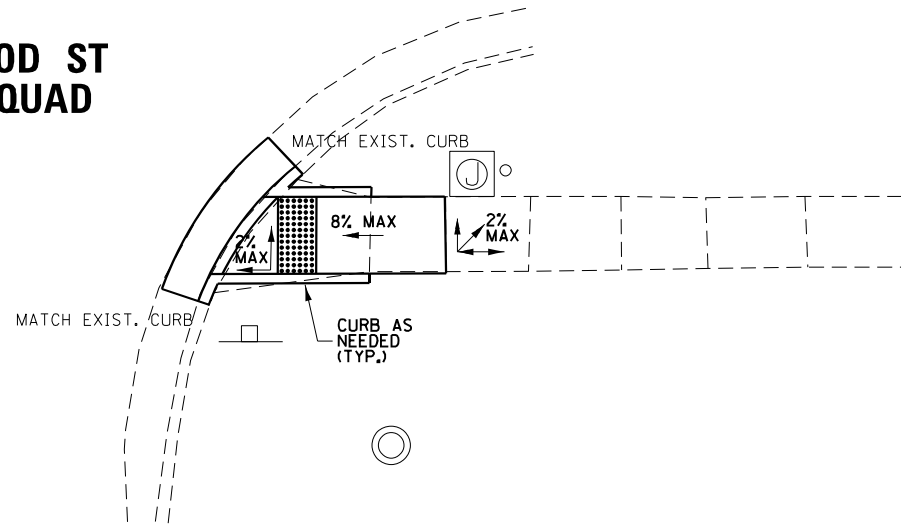
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

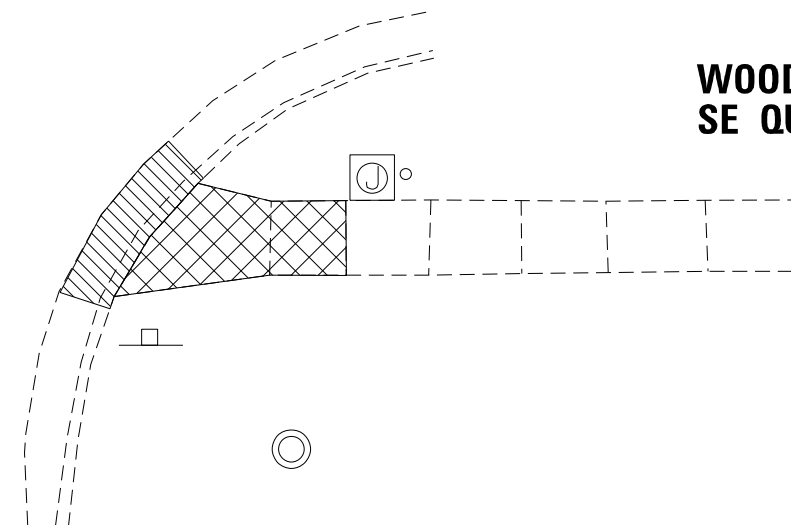
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	28
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				

**WOOD ST  
SE QUAD**



**WOOD ST  
SE QUAD**



- DETECTABLE WARNINGS 
- SIDEWALK REMOVAL 
- CC&G REMOVAL 
- ASPHALT REMOVAL 
- SODDING SALT TOLERANT 

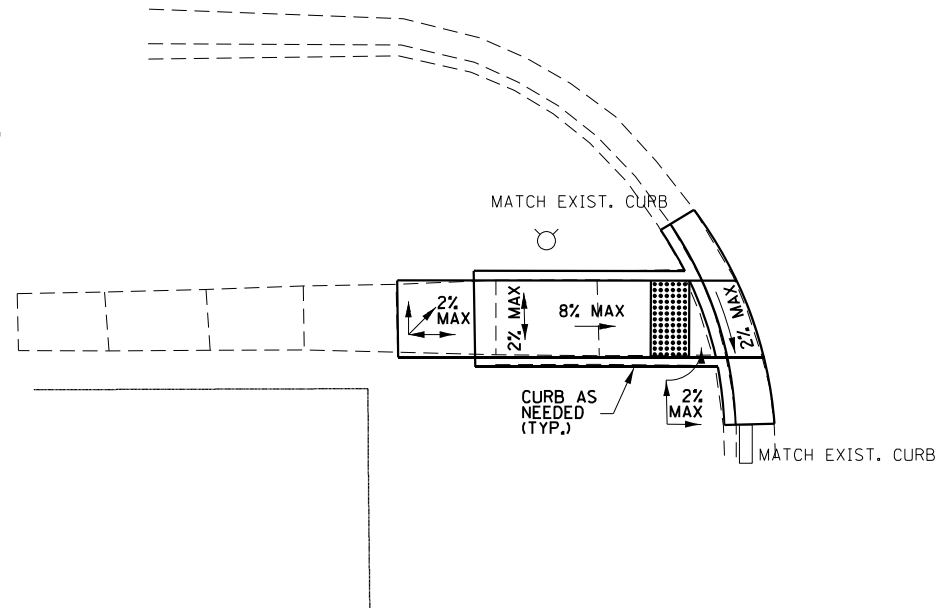
FILE NAME =	USER NAME = Dudleyr	DESIGNED -	REVISED -
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Default	PLOT DATE = 3/28/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

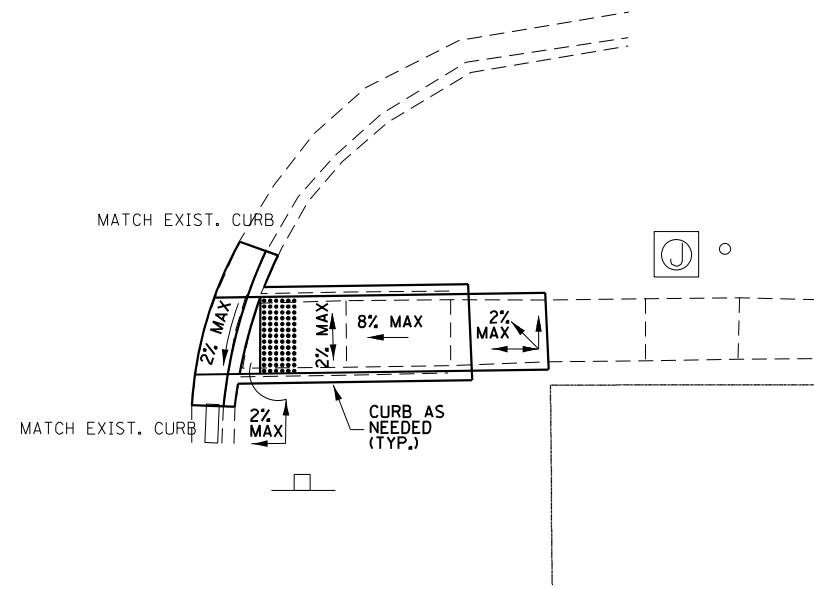
<b>WOOD STREET ADA DETAIL</b>			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	29
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				

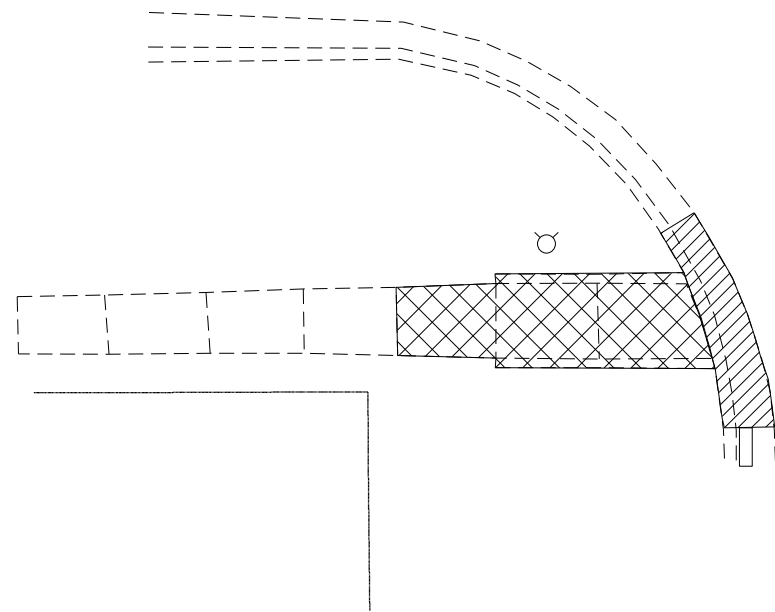
**CULVER ST  
SW QUAD**



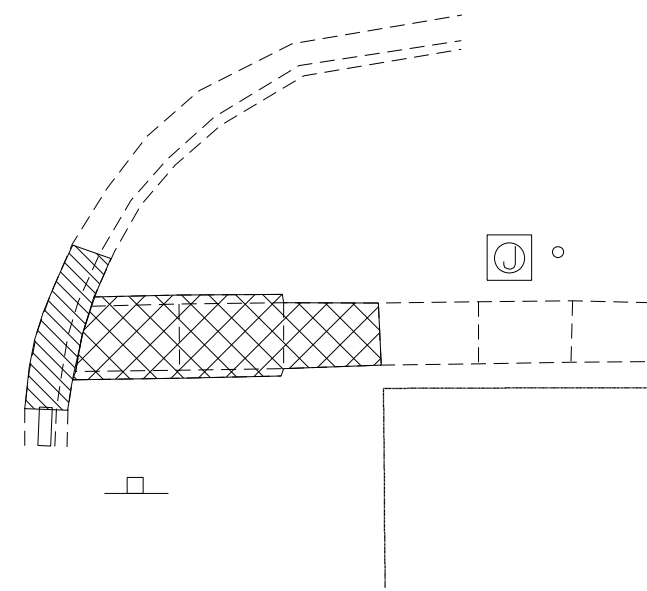
**CULVER ST  
SE QUAD**








**CULVER ST  
SW QUAD**



**CULVER ST  
SE QUAD**



- DETECTABLE WARNINGS 
- SIDEWALK REMOVAL 
- CC&G REMOVAL 
- ASPHALT REMOVAL 
- SODDING SALT TOLERANT 

FILE NAME =	USER NAME = Dudleyr	DESIGNED -	REVISED -
p:\dot-pw.bentley.com\PWIDOT\Documents\DOT Offices\District 3\Projects\0366E53\DRAWING\0366E53-ADA.dgn		CHECKED -	REVISED -
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	PLOT DATE = 3/28/2022		

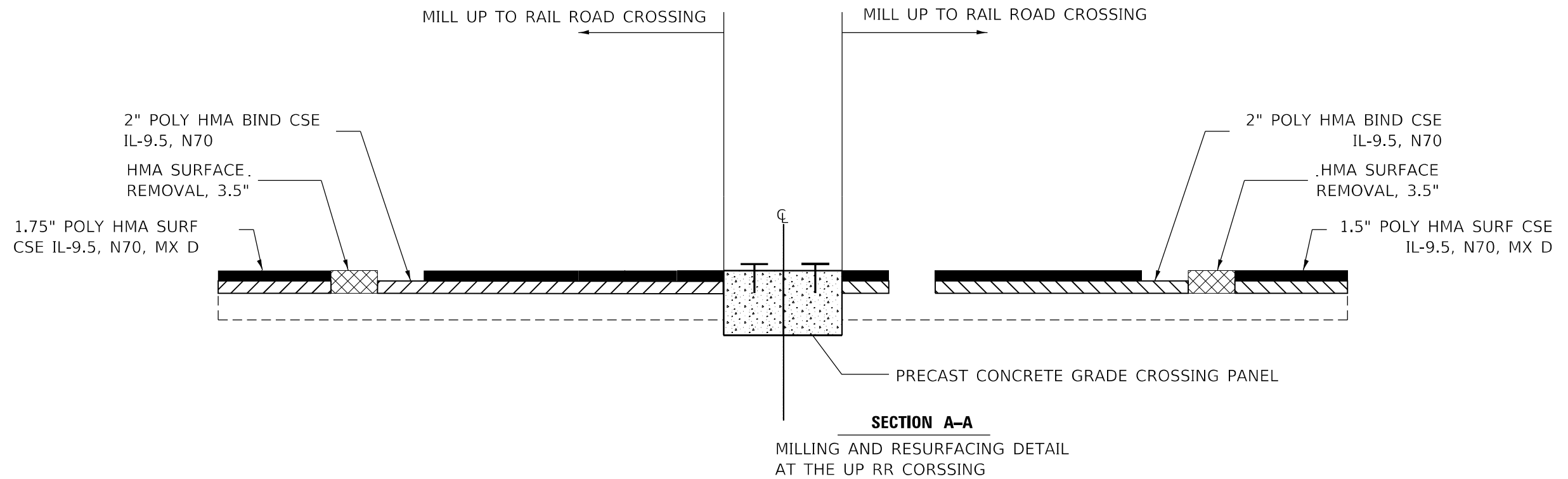
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CULVERT STREET ADA DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	30
CONTACT NO. 66E53				
ILLINOIS FED. AID PROJECT				

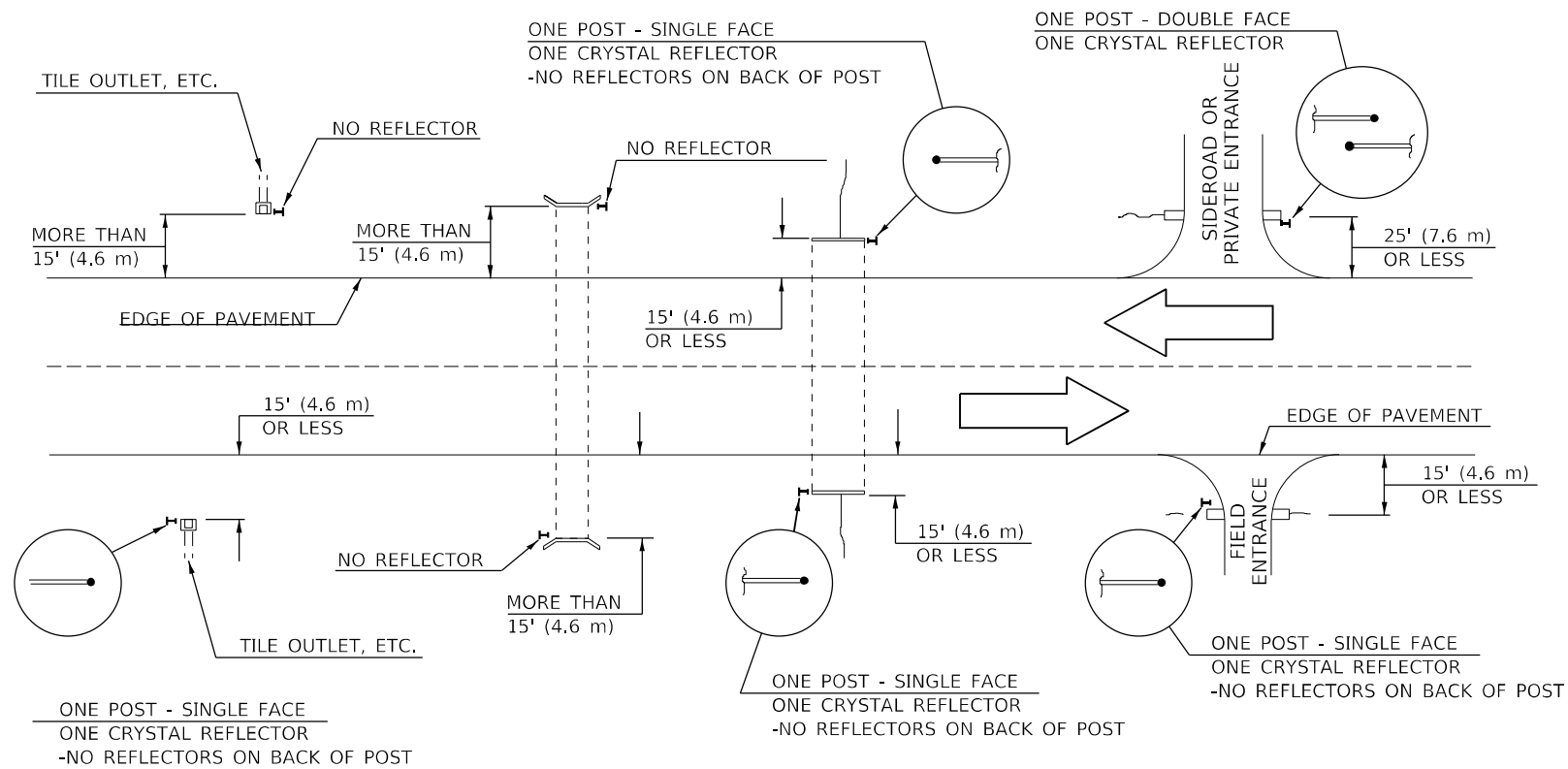
Note:  
 Transition the surface course from 1¾" to 1½"  
 to ensure the pavement is flush with the railroad  
 crossing.



**HMA SURFACE REMOVAL & REPLACEMENT AT THE UNION PACIFIC RAILWAY GRADE CROSSING**

DRAWING NOT TO SCALE

FILE NAME =	USER NAME = Dudley	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UNION PACIFIC RAILWAY DETAIL</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PIDOT\Documents\IDOT Offices\District 3\Projects\0366E53\CDRAWING\366E53-shr-rr-details	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -					681	(113)RS-3	LIVINGSTON	51	31
PLOT DATE = 3/28/2022	DATE -	REVISED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 66E53				
					ILLINOIS FED. AID PROJECT							



**IDENTIFICATION OF ROADSIDE HAZARDS FOR TWO-LANE ROADWAYS**

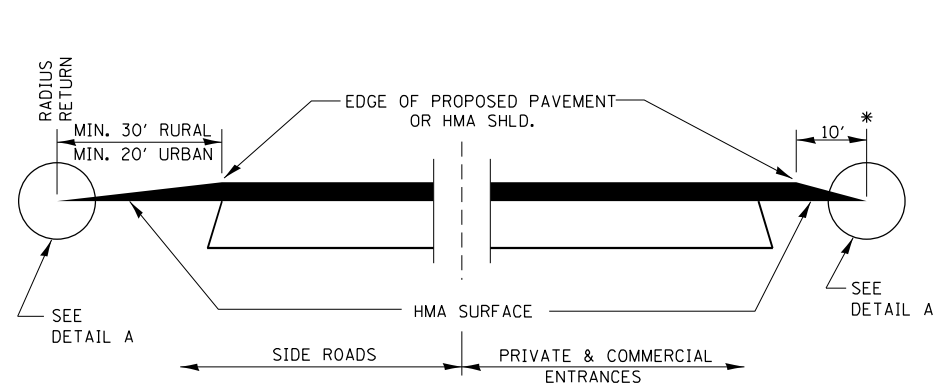
**BILL OF MATERIALS**

DELINEATOR TYPE	SINGLE FACE	DOUBLE FACE	NO REFLECTOR	TOTAL DELINEATORS
STA 94+90	2			2
SINGLE CRYSTAL			TOTAL	2

**NOTES**

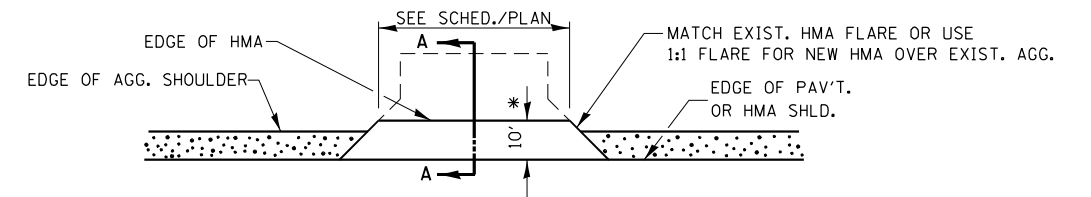
- DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE THERE IS NO GUARDRAIL, OR OTHER PERMANENT BARRIER, ON THE SAME SIDE OF ROAD AS THE HAZARD.
- DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE DELINEATORS ARE NOT IN PLACE ALONG THE EDGE OF SHOULDER.
- EACH POST SHALL BE CONSIDERED AS ONE DELINEATOR FOR PAYMENT, REGARDLESS OF THE NUMBER OF DELINEATORS ATTACHED TO IT.
- FOR ONE-WAY ROADWAYS THE APPLICATION SHALL BE SIMILAR WITH DELINEATORS PLACED ON THE TRAFFIC APPROACH SIDE OF HAZARDS AND OBJECTS. ONLY SINGLE FACE DELINEATORS WILL BE REQUIRED ON ONE-WAY ROADWAYS. CRYSTAL ON RIGHT SIDE, AMBER ON LEFT.
- FOR OTHER DELINEATOR APPLICATIONS, REFER TO HIGHWAY STANDARD 635001.





**SECTION A-A**

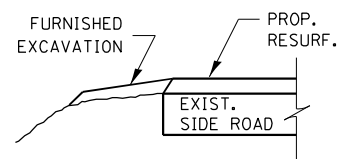
**DETAILS AT ENTRANCES & SIDE ROADS**



**PLAN AT PRIVATE & COMMERCIAL ENTRANCES**

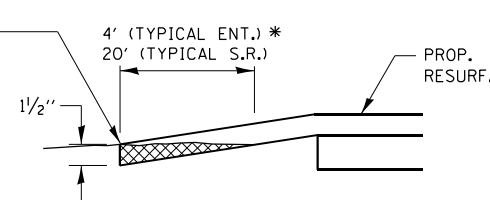
(DO NOT RESURFACE FIELD ENTRANCES)

\* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.

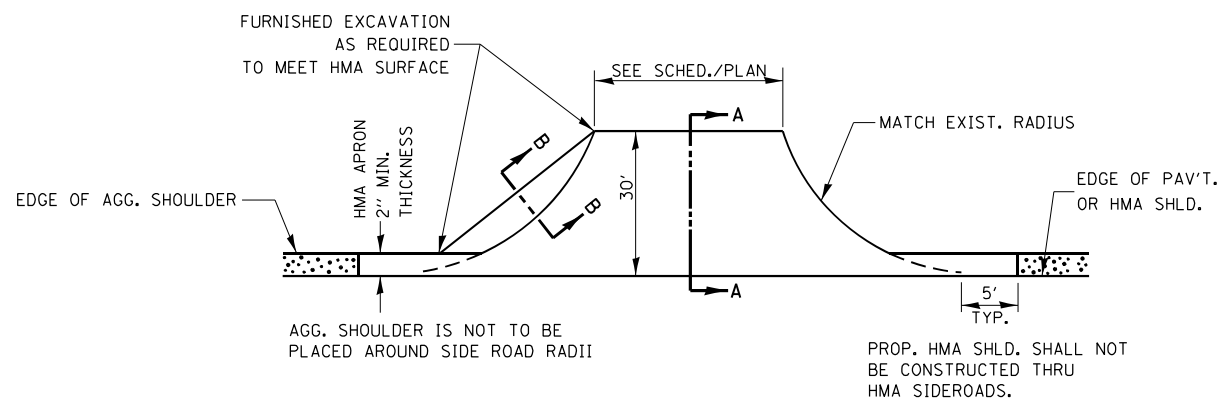


**SECTION B-B**

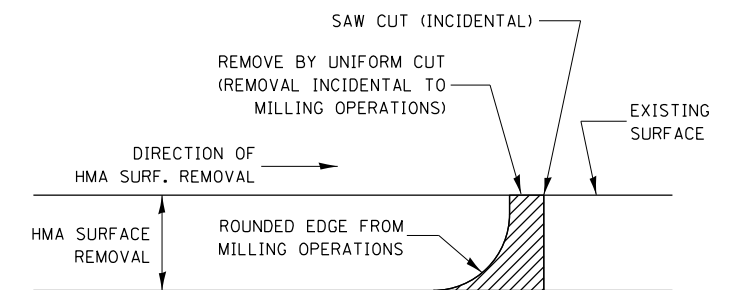
THE COST OF REMOVAL AT EXISTING HMA OR P.C.C. LOCATIONS SHALL BE PAID FOR PER SQ. YD. BY THE APPROPRIATE PAY ITEM. REMOVAL AT THE EXISTING AGG. LOCATIONS SHALL BE INCIDENTAL TO THE HMA. A-3 LOCATIONS SHALL BE FEATHER TAPERED.



**DETAIL A**



**PLAN AT SIDE ROADS**

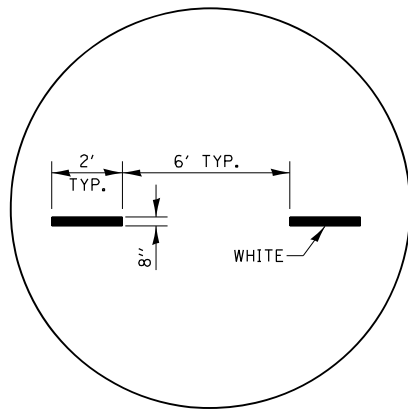


NOTE:

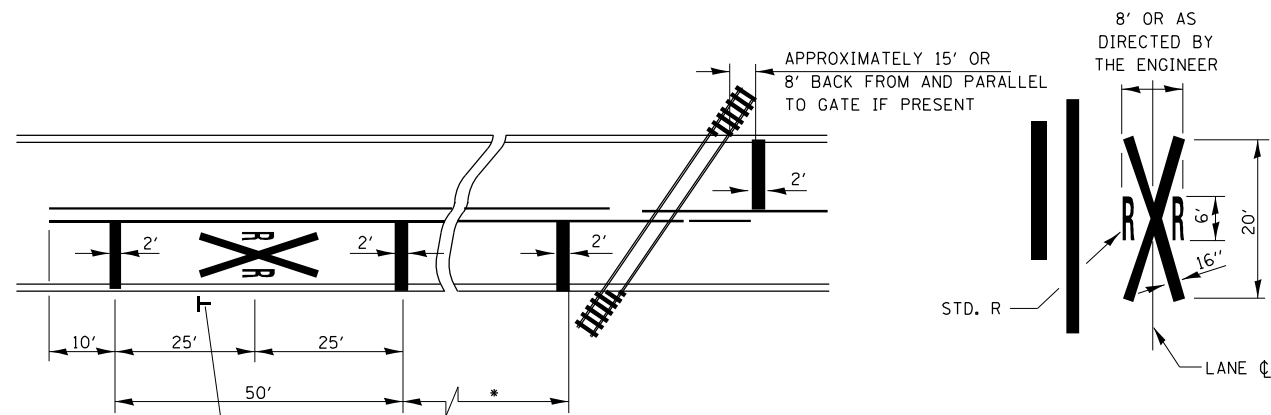
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

**HMA DETAIL AT BUTT JOINTS**

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\dot-pw.bentley.com\PWIDOT\Documents\DOT Offices\District 3\Projects\0366E53\CDRAWN\366E53-shd-details.dgn		CHECKED -	REVISED -			681	(113)RS-3	LIVINGSTON	51	33	
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 66E53					
PLOT DATE = 3/25/2022						ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET	OF	SHEETS	STA. TO STA.	



**ADVANCE AND INTERSECTION LANE DIVIDER LINES**

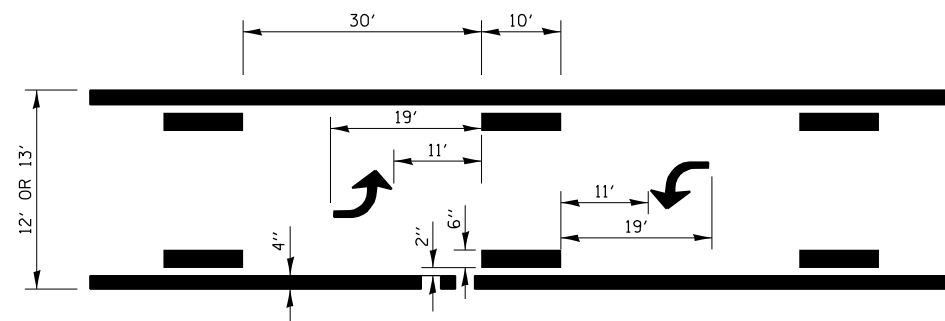


\* MINIMUM DISTANCE  
400' FOR 55 MPH  
250' FOR 45 MPH  
100' FOR 35 MPH OR LESS

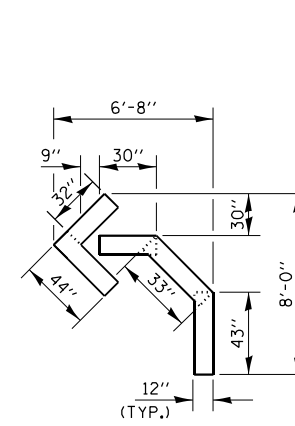
NOTES:  
THE TRANSVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.  
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1).

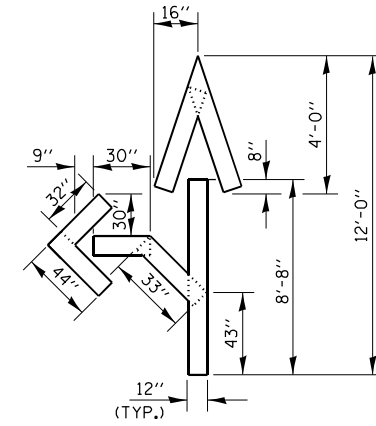
**PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING**



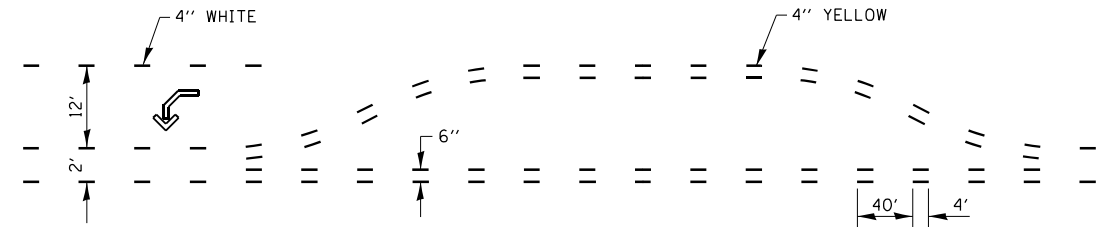
**TYPICAL APPLICATION BI-DIRECTIONAL TURN LANE**



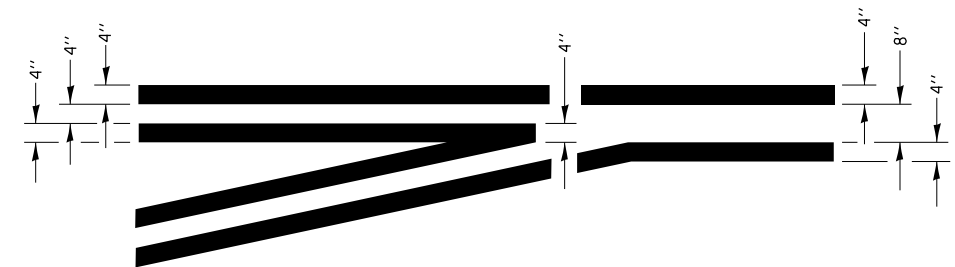
QUANTITY  
12" LINE = 16 LIN. FT.  
OR 4" LINE = 48 LIN. FT.



QUANTITY  
12" LINE = 29 LIN. FT.  
OR 4" LINE = 87 LIN. FT.



**SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS**



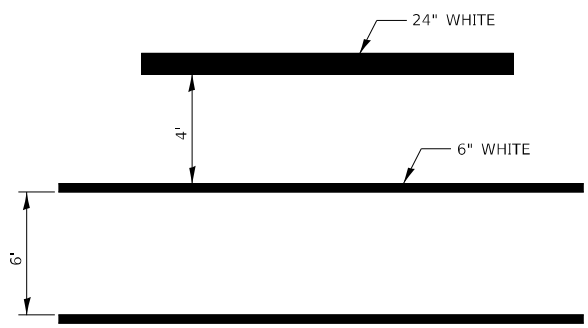
**LEFT TURN LANE TYPICAL APPLICATION**

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
pw:\idot-pw\bentley.com\PWIDOT\Documents\IDOT Offices\District 3\Projects\0366E53\CDRAWN\0366E53-shd-details.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/25/2022	DATE -	REVISED -	REVISED -

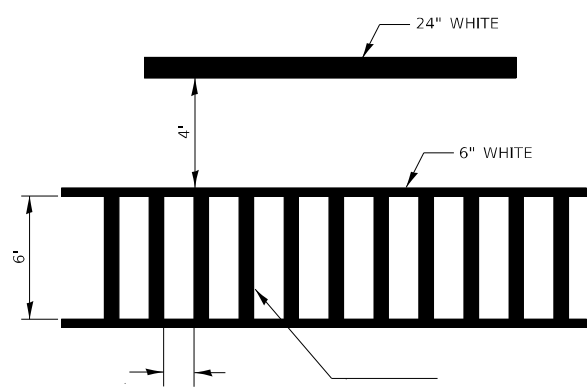
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

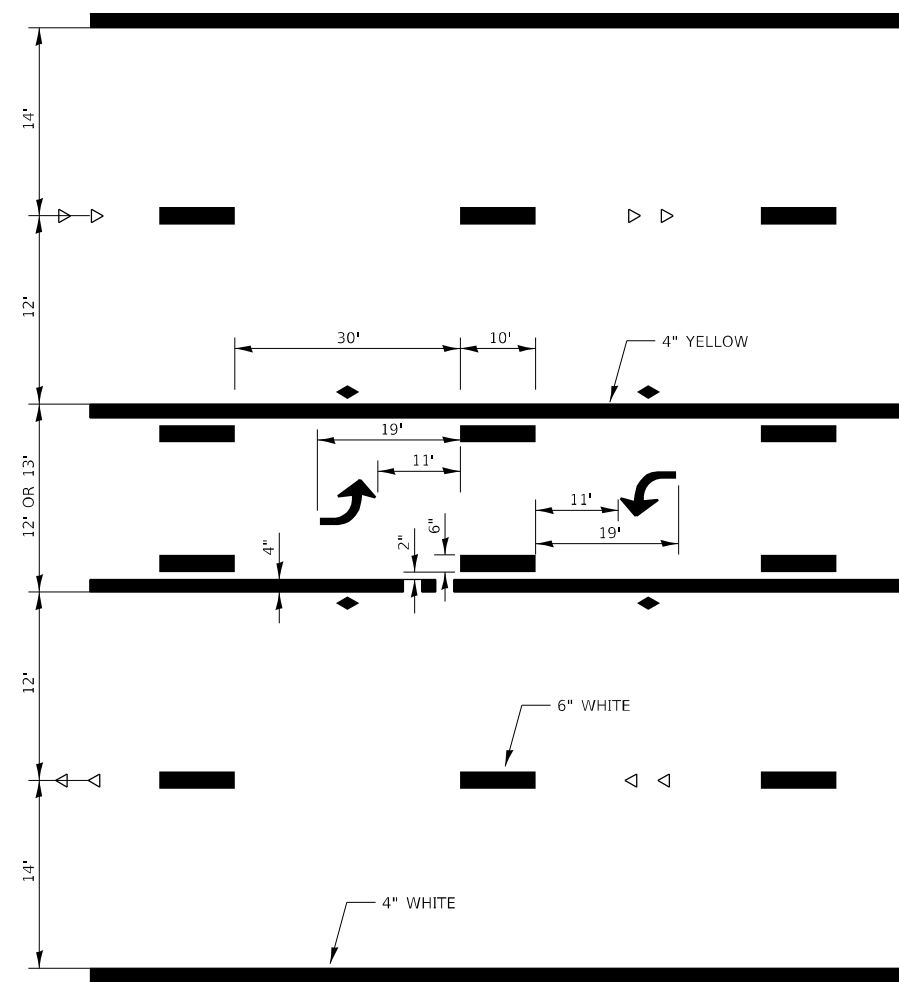
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	34
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				



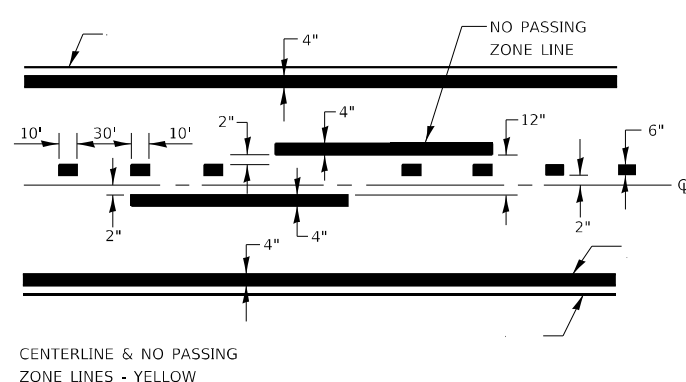
**TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS**



**TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS**

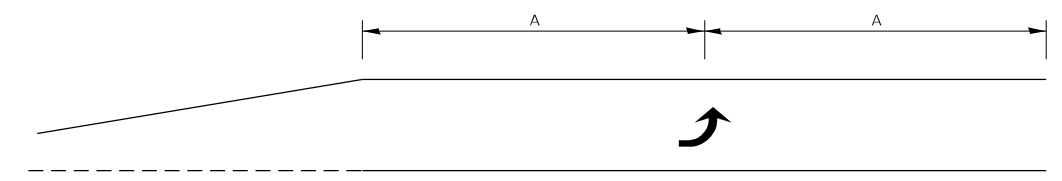


**TYPICAL APPLICATION @ TWO WAY LEFT TURN LANE (TWLTL)**

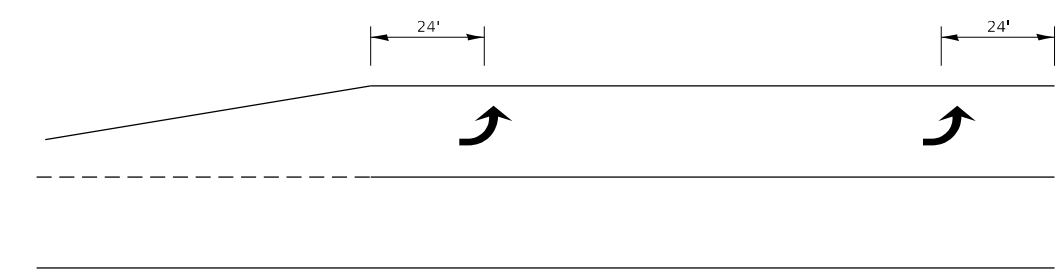


CENTERLINE & NO PASSING ZONE LINES - YELLOW

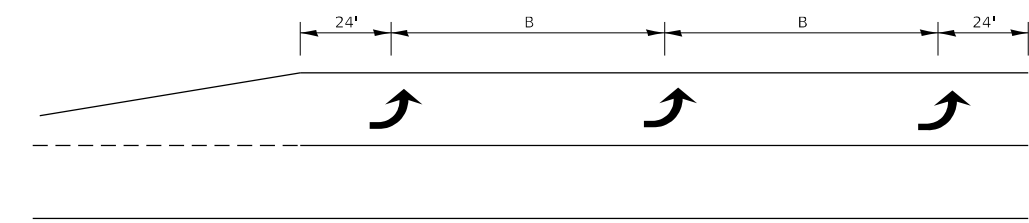
**PAVEMENT MARKING**



**99' AND UNDER**



**100' TO 149'**

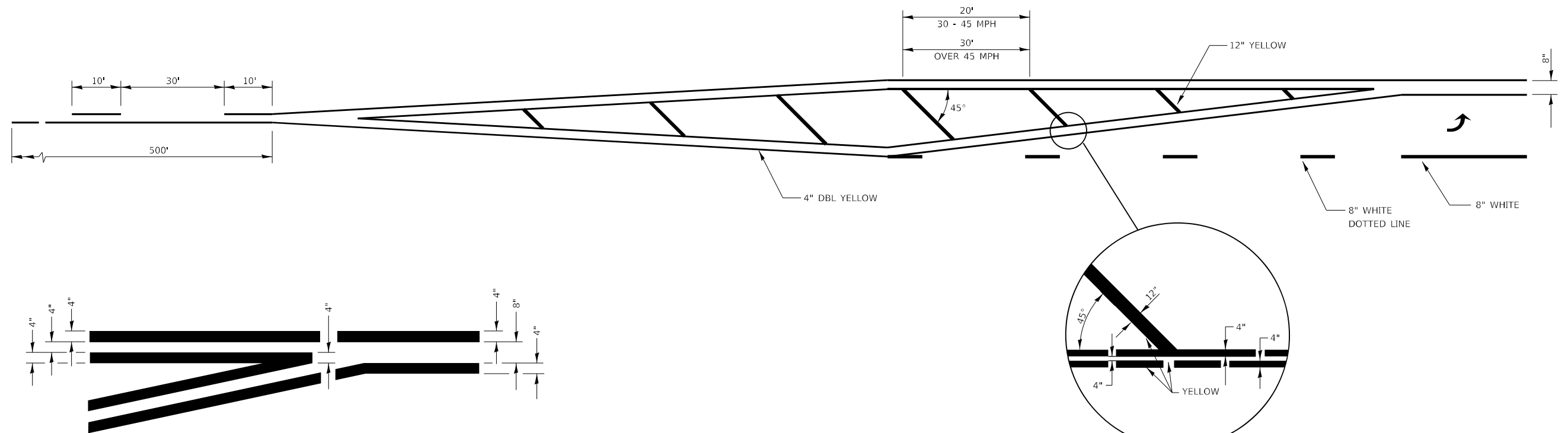


**150' AND LONGER**

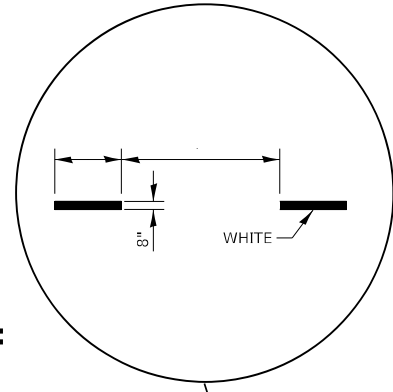
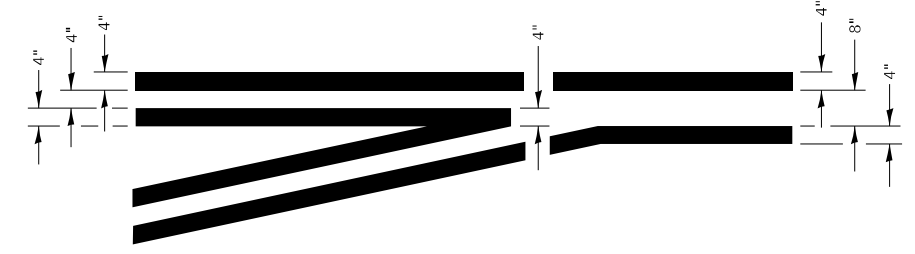
**TYPICAL PLACEMENT OF ARROWS IN TURN LANES**

# URBAN PAVEMENT MARKING

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw\bentley.com\PWIDOT\Documents\IDOT Offices\District 3\Projects\0366E53\CDRAWN\366E53-shd-details.dgn		REVISIONS -	REVISIONS -					681	(113)RS-3	LIVINGSTON	51	35
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISIONS -	REVISIONS -		CONTRACT NO. 66E53							
PLOT DATE = 3/25/2022	DATE -	REVISIONS -	REVISIONS -		ILLINOIS FED. AID PROJECT							

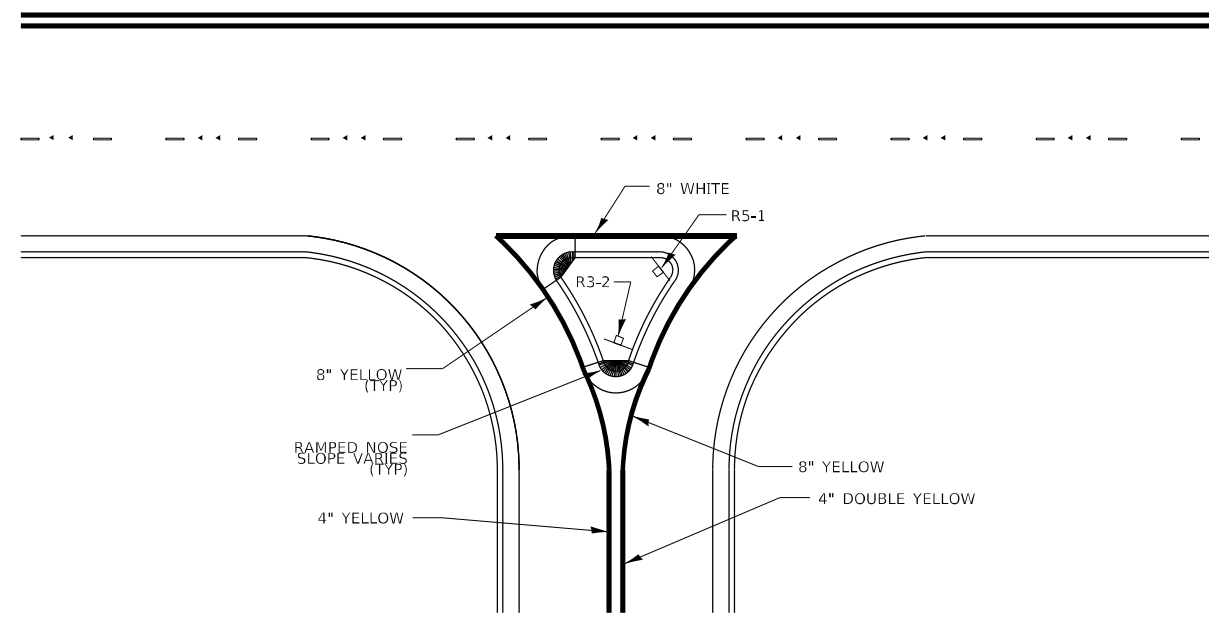


**TYPICAL APPLICATION  
@ LEFT TURN LANES**

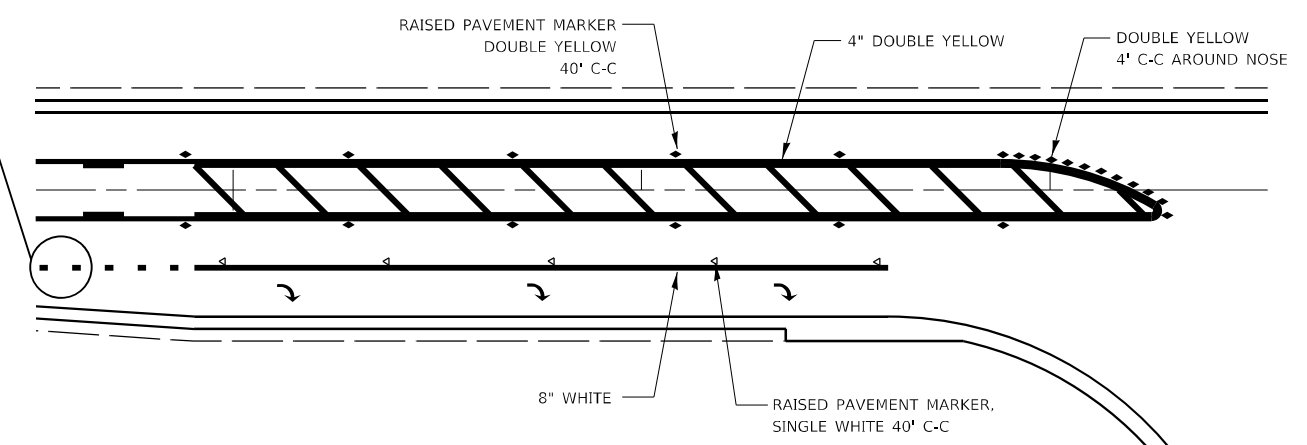


**ADVANCE AND INTERSECTION LANE  
DIVIDER LINES**

# URBAN PAVEMENT MARKING

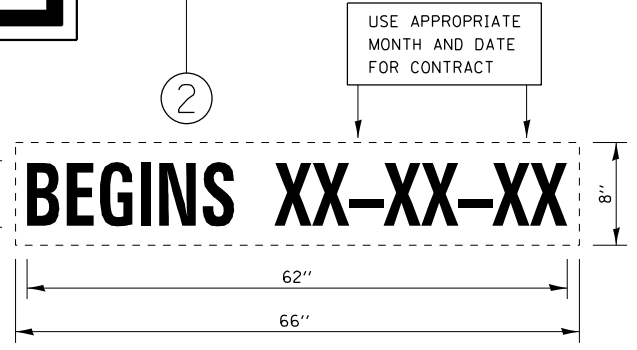
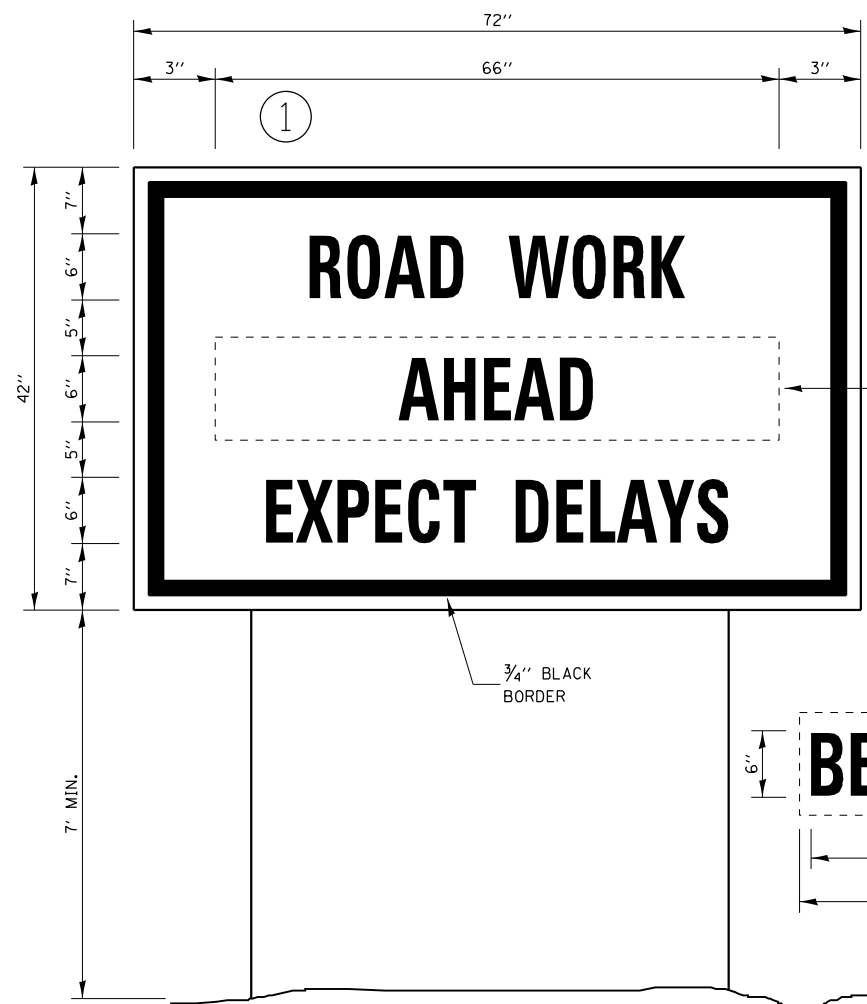


**RIGHT IN RIGHT OUT ACCESS PAVEMENT MARKING**

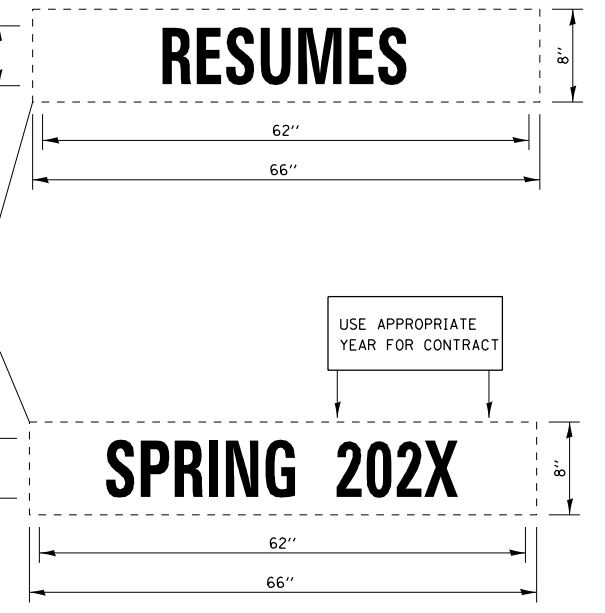
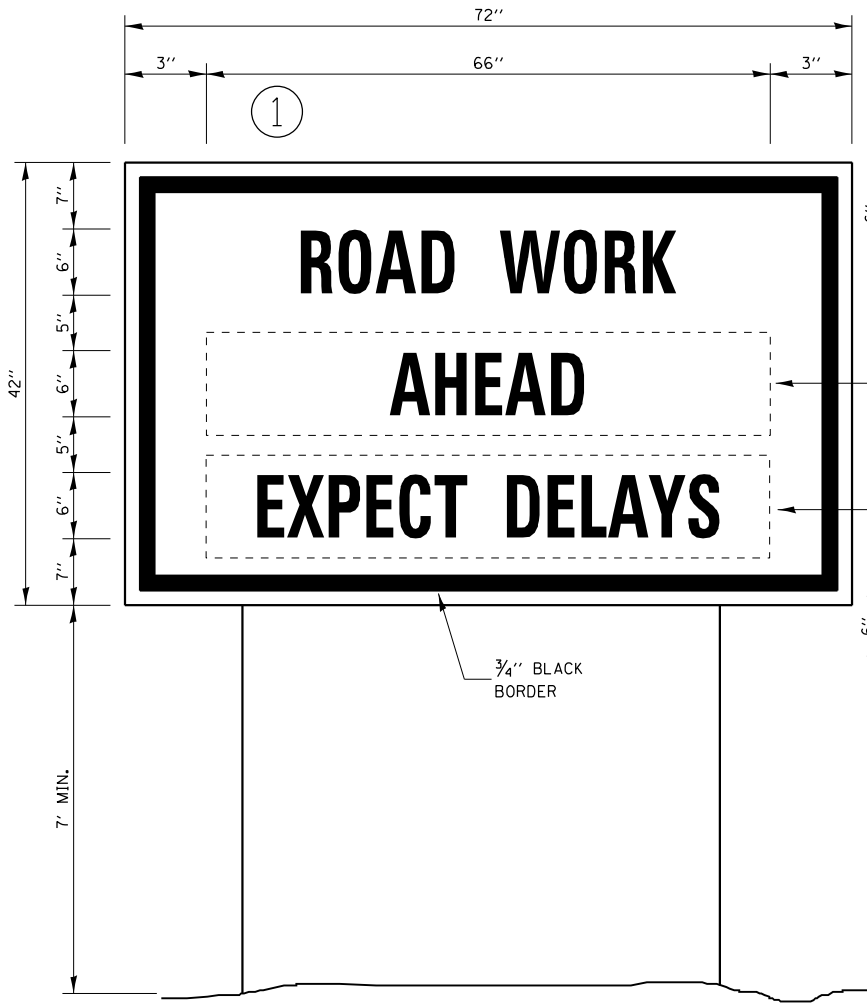


**RAISED REFLECTIVE AND PAVEMENT MARKERS  
@ RIGHT TURN LANE**

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 3\Projects\0366E53\CDRAWING\366E53-shd-details.dgn	DRAWN -	REVIS	REVISED -						681	(113)RS-3	LIVINGSTON	51	36
PLOT SCALE = 100.0000' / in.	CHECKED -	REVIS	REVISED -		CONTRACT NO. 66E53								
PLOT DATE = 3/25/2022	DATE -	REVIS	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.			



**TEMPORARY INFORMATION SIGNING**

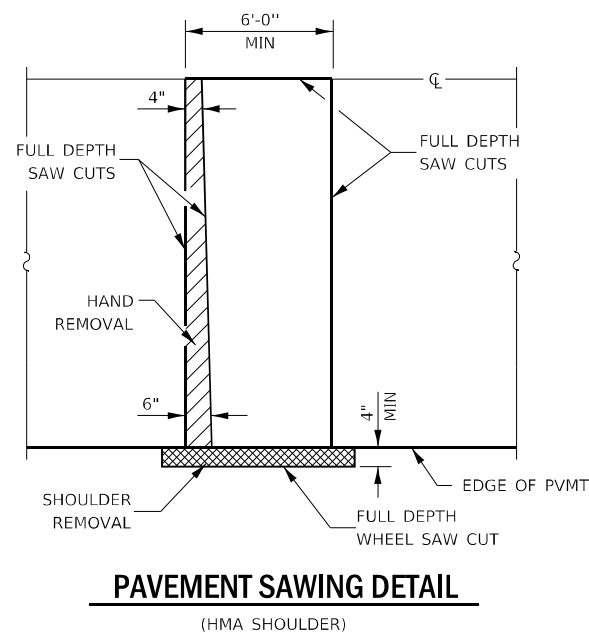


**WINTER SHUT DOWN SIGNING**

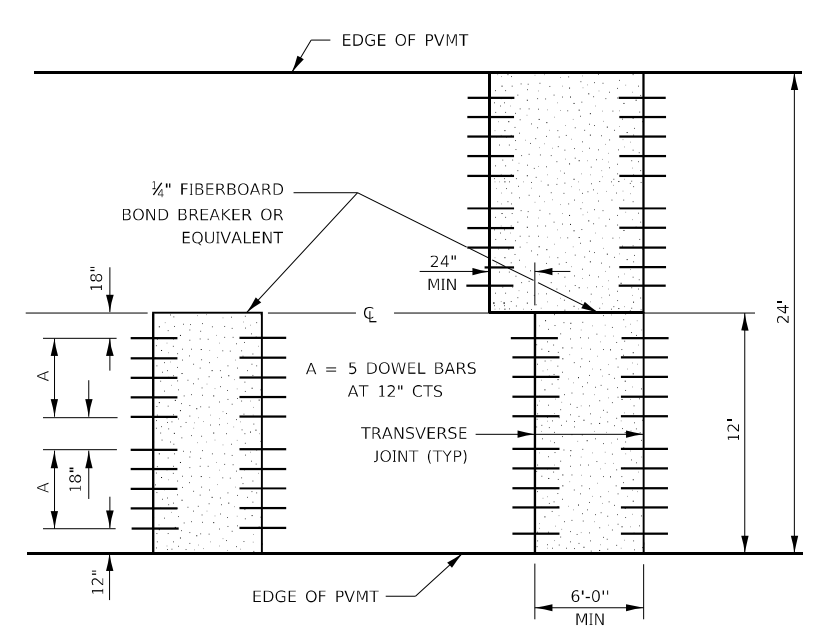
**NOTES:**

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

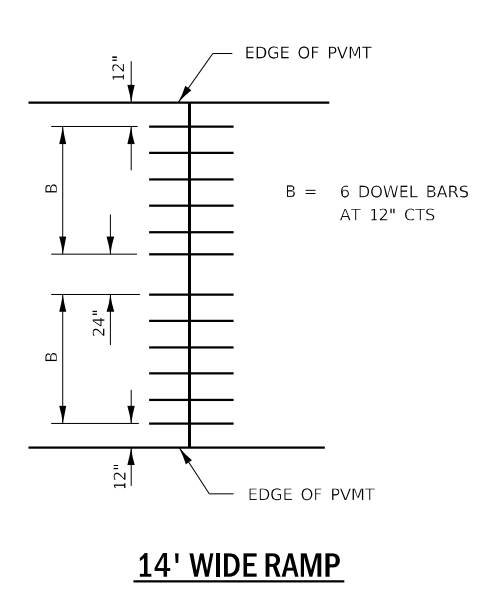
FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\dot-pw\bentley.com\PWIDOT\Documents\DOT Offices\District 3\Projects\0366E53\CAD\DRAWN\0366E53-sht-details.dgn	PLLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -					681	(113)RS-3	LIVINGSTON	51	37
	PLLOT DATE = 3/25/2022	DATE -	REVISED -		CONTRACT NO. 66E53							
					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT



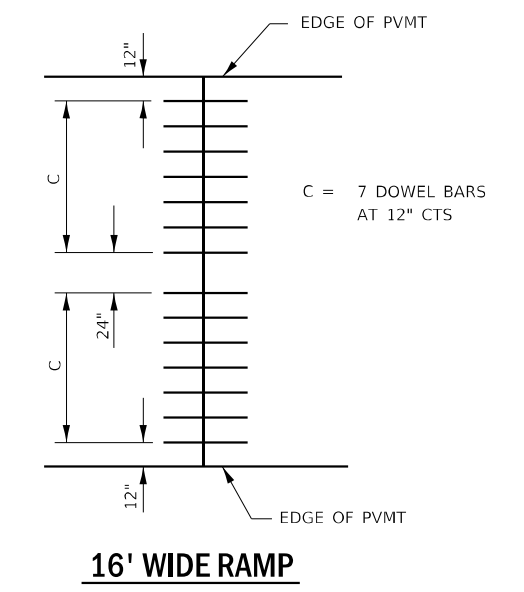
**PAVEMENT SAWING DETAIL**  
(HMA SHOULDER)



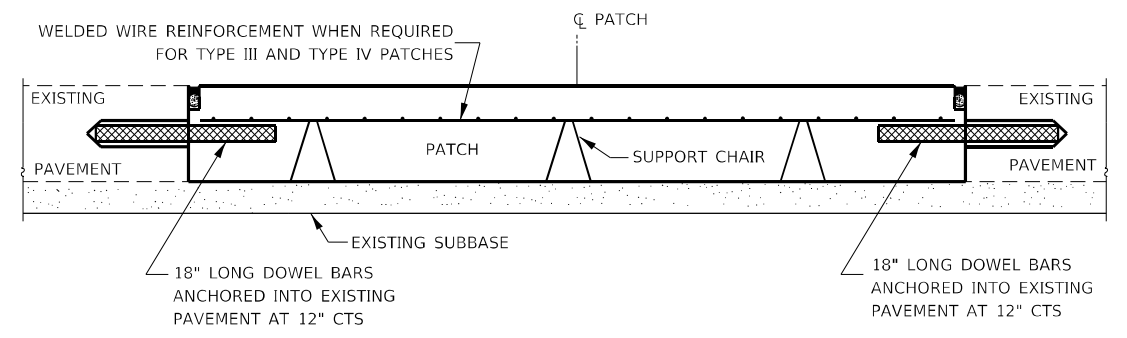
**12' WIDE LANES**



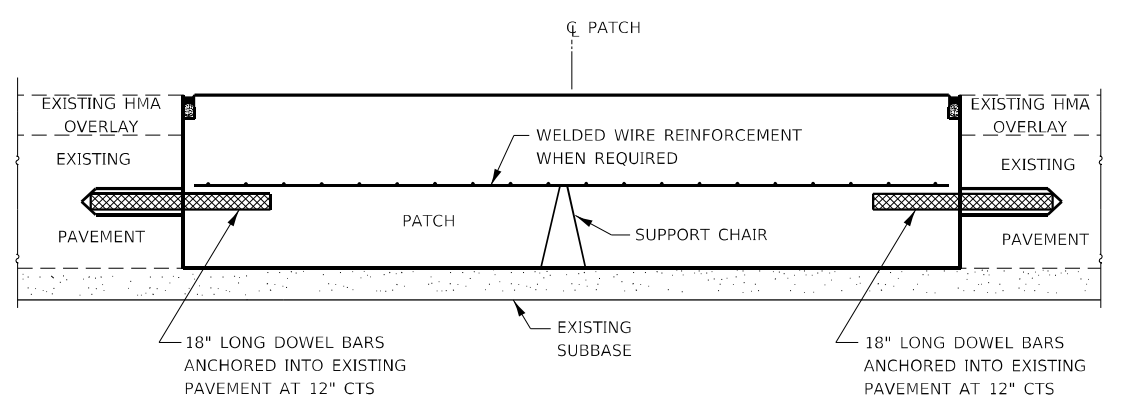
**14' WIDE RAMP**



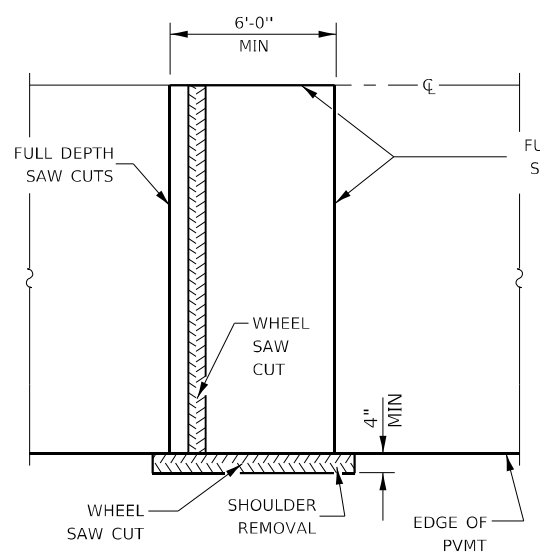
**16' WIDE RAMP**



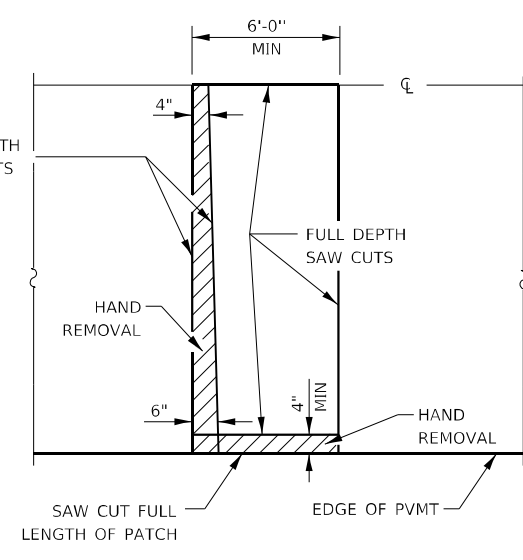
**PATCHING WITHOUT HMA OVERLAY**



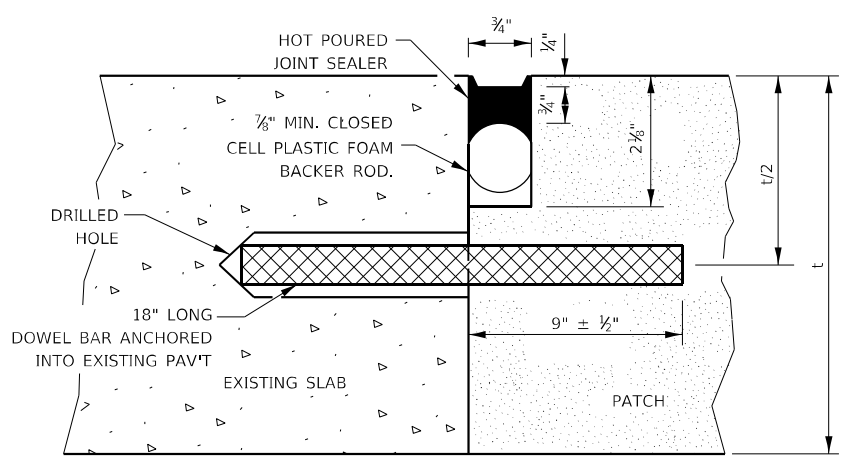
**PATCHING WITH HMA OVERLAY**



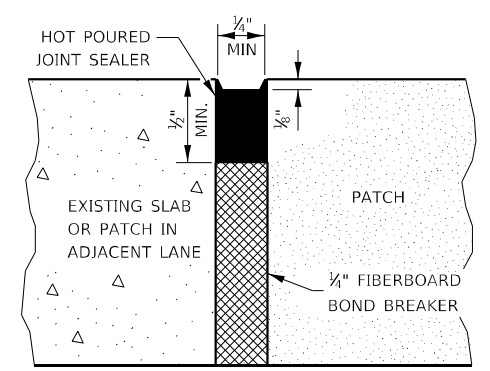
**ALTERNATE SAWING DETAIL**  
(HMA SHOULDER)



**PAVEMENT SAWING DETAIL**  
(PCC SHOULDER)



**TRANSVERSE JOINT**

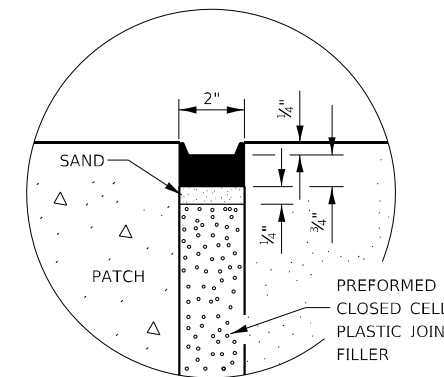
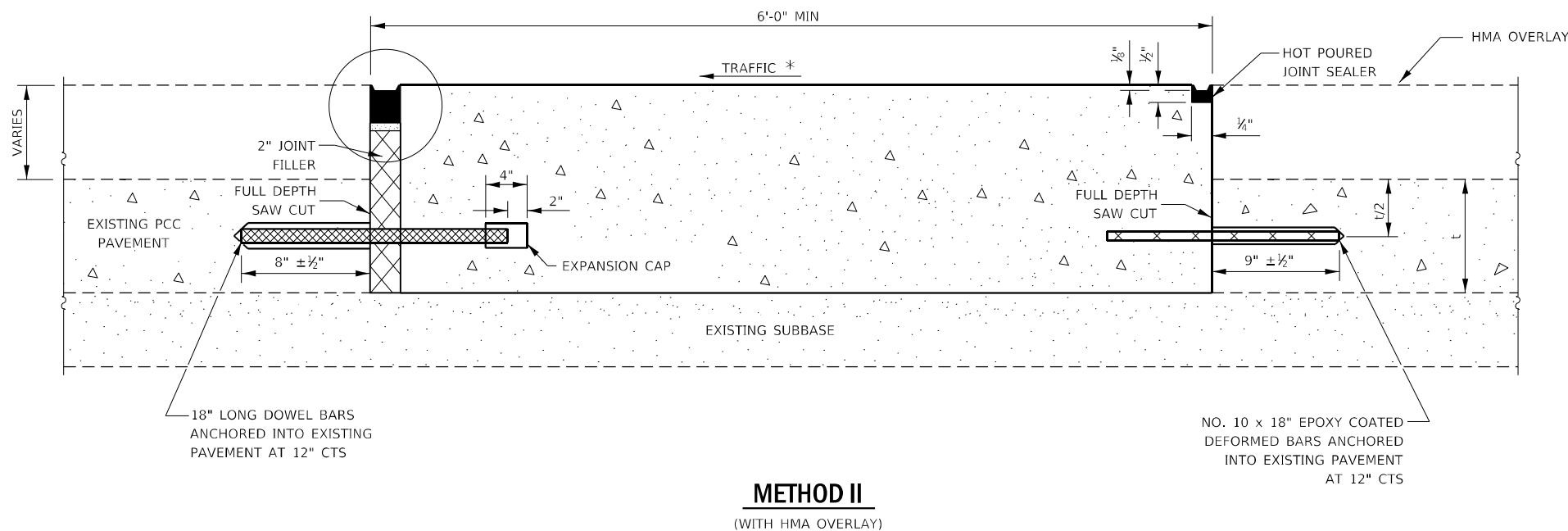
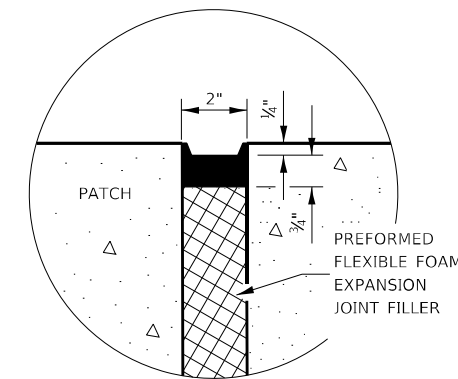
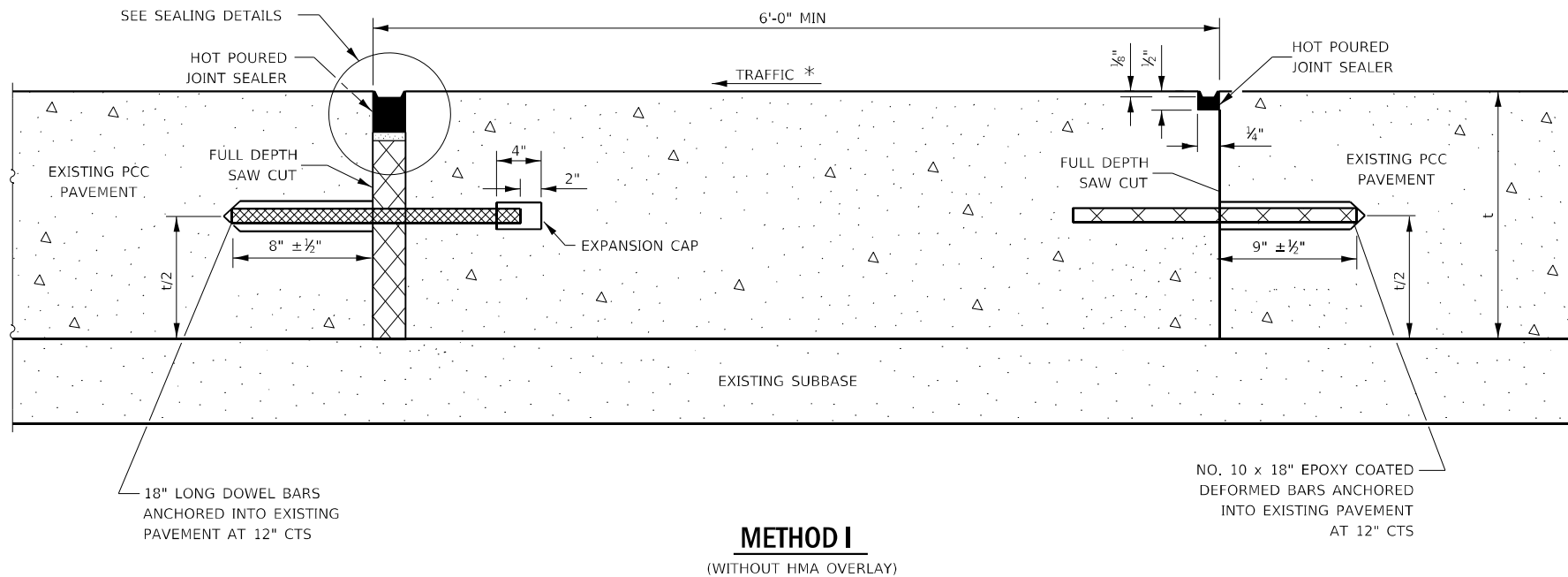


**CENTERLINE JOINT**

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1 1/2"	1 3/8"
7" THRU 7.99"	1 1/4"	1 3/16"
LESS THAN 7"	1"	1 3/16"

**GENERAL NOTES**

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.  
SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.

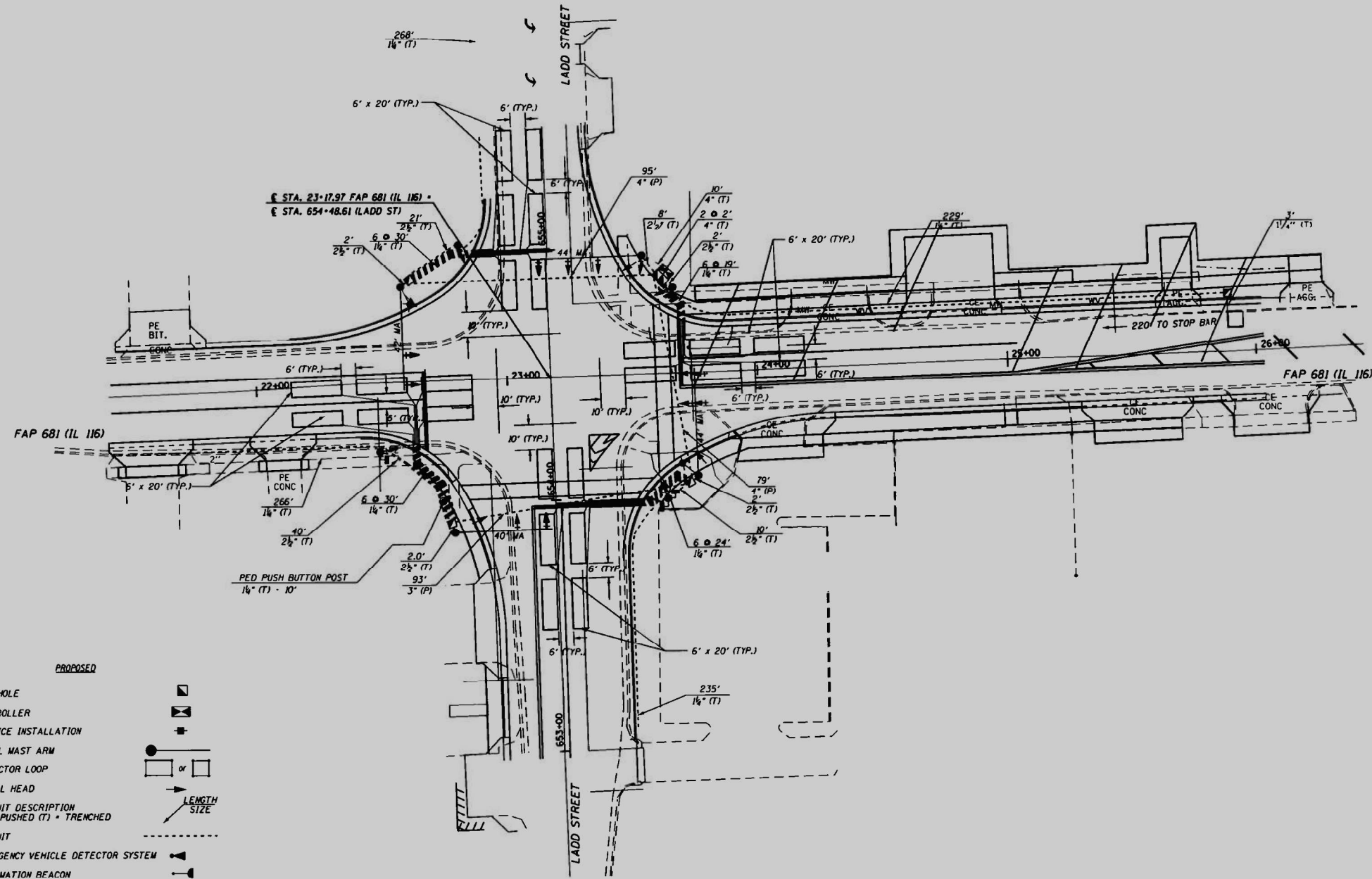


**NOTE**

\* WHEN RE-ESTABLISHING A TRANSVERSE EXPANSION JOINT ON A TWO-WAY ROAD, REVERSE THE ORIENTATION OF THE DOWEL BARS WITH RESPECT TO TRAFFIC FOR ONE OF THE PATCHES SUCH THAT THE JOINT WILL BE CONTINUOUS ACROSS BOTH LANES.

FILE NAME =	USER NAME = Dudleyr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CLASS B PATCHING DETAILS</b>	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 3\Projects\0366E53\CD\DRAWN\366E53-shd-details.dgn	DRAWN	REVISD -	REVISD -			681	(113)RS-3	LIVINGSTON	51	39
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISD -	REVISD -			CONTRACT NO. 66E53				
PLOT DATE = 3/28/2022	DATE -	REVISD -	REVISD -			ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY



EXISTING		PROPOSED	
WATER PIPE	— — —	HANDHOLE	⊠
GAS LINE	— — —	CONTROLLER	⊠
TELEPHONE LINE	— — —	SERVICE INSTALLATION	⊠
OVERHEAD ELEC.	— — —	STEEL MAST ARM	⊠
STORM SEWER	— — —	DETECTOR LOOP	⊠
SANITARY SEWER	— — —	SIGNAL HEAD	⊠
MANHOLE	⊙	CONDUIT DESCRIPTION (P) - PUSHED (T) - TRENCHED	— — —
CONC. CURB & GUTTER	— — —	CONDUIT	— — —
SIGN	⊠	EMERGENCY VEHICLE DETECTOR SYSTEM	⊠
LIGHT STANDARD	⊠	CONFIRMATION BEACON	⊠
FIRE HYDRANT	⊠	SIGNAL HEAD WITH BACKPLATE	⊠
INLET	⊠	SIGNAL POST	⊠
UTILITY POLE	⊠	PEDESTRIAN SIGNAL HEAD	⊠
TELEPHONE POLE	⊠	PEDESTRIAN PUSH BUTTON	⊠
TEL. SPLICE BOX	⊠	DOUBLE HANDHOLE	⊠
FENCE	— — —		

FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -
\\IL884EBID\TEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 3\Projects\0366F62\BRN\Date\640\sheet\0366F62-sh1-cover		CHECKED -	REVISED -
Defaults	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
	PLOT DATE = 4/14/2017		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LOOP DETECTOR INFORMATION - LADD ST</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	47
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1200.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING TRAFFIC PLANS FOR INFORMATION ONLY</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	40
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				

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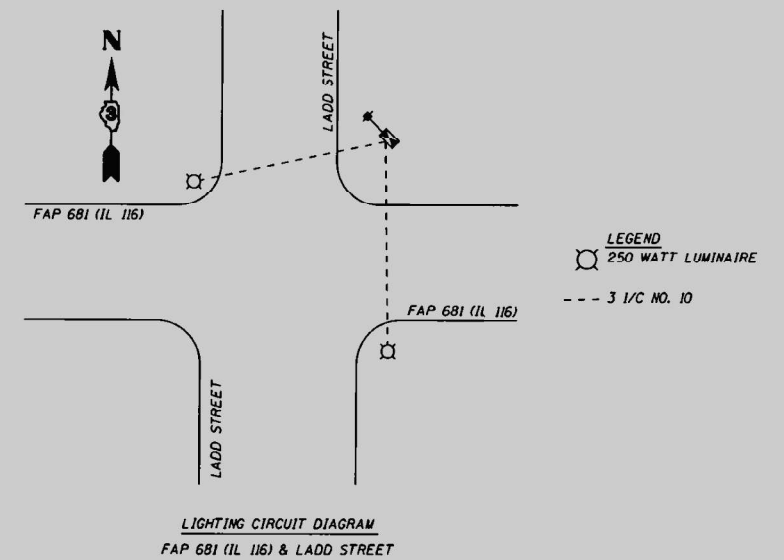
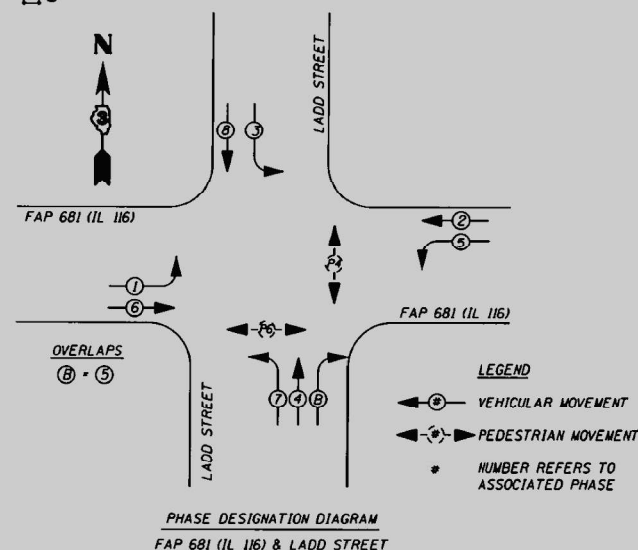
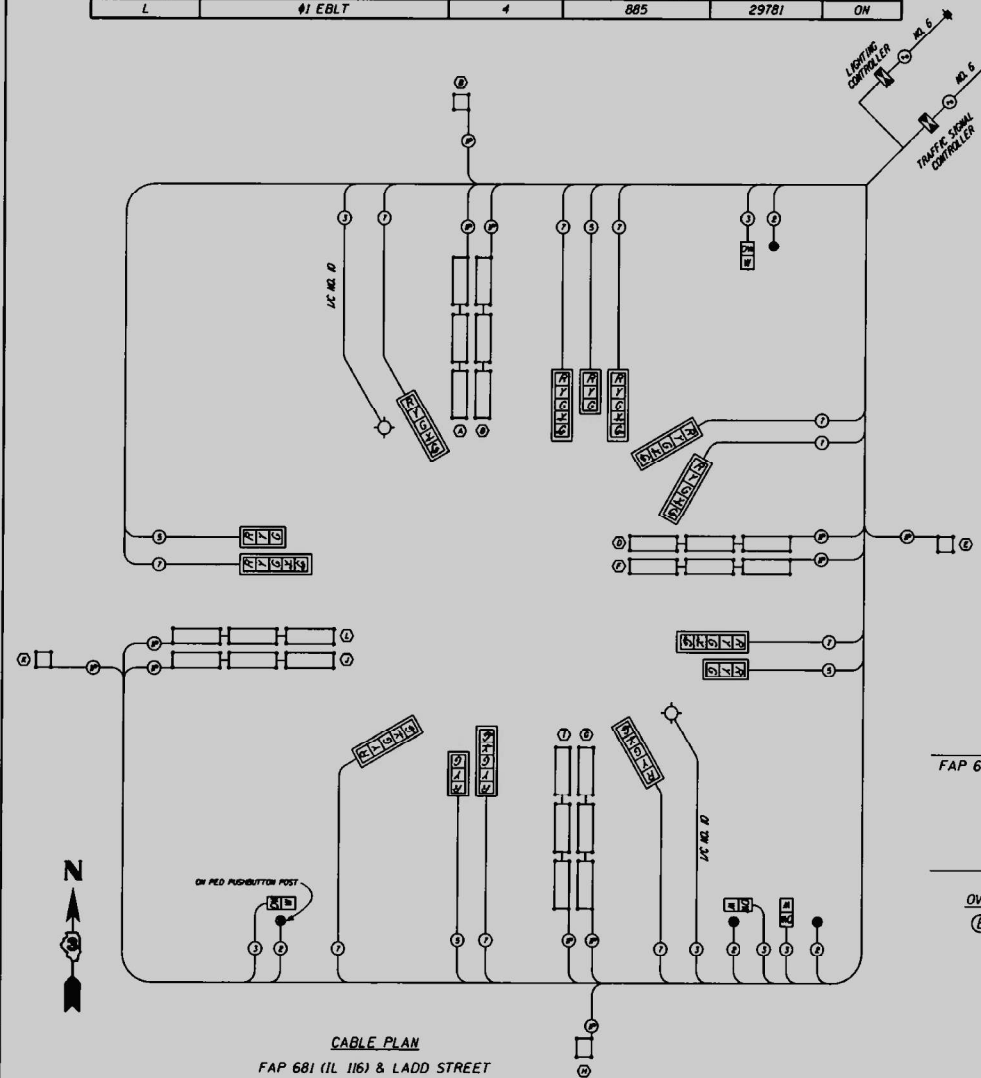


# FOR INFORMATION ONLY

DETECTOR LOOP INDUCTANCE CHART					
LOOP-SYSTEM	PHASING/LABEL	NUM. OF TURNS PER LOOP	INDUCTANCE (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	#8 SB STBR	4	849	38145	ON
B	#8 SB FAR	6	337	31772	ON
C	#3 SBLT	4	857	35595	ON
D	#2 WB STBR	4	826	49668	OFF
E	#2 WB FAR	6	310	38756	ON
F	#5 WBLT	4	825	50339	ON
G	#4 NB STBR	4	852	37075	ON
H	#4 NB FAR	6	333	32531	ON
I	#7 NBLT	4	860	34833	ON
J	#6 EB STBR	4	871	32257	OFF
K	#6 EB FAR	6	361	27887	ON
L	#1 EBLT	4	885	29781	ON

- 12" DIAMETER RED TRAFFIC SIGNAL SECTION
- 12" DIAMETER YELLOW TRAFFIC SIGNAL SECTION
- 12" DIAMETER GREEN TRAFFIC SIGNAL SECTION
- LEFT TURN YELLOW
- LEFT TURN GREEN
- TRAFFIC SIGNAL (3-SECTION)
- TRAFFIC SIGNAL (3-SECTION) WITH BACKPLATE
- TRAFFIC SIGNAL (5-SECTION)
- TRAFFIC SIGNAL (5-SECTION) WITH BACKPLATE
- VEHICLE DETECTOR, INDUCTION LOOP
- DETECTOR LOOP IDENTIFICATION
- DEMOTES NUMBER OF CONDUCTORS  
ALL LOOP DETECTOR CABLE TO BE SHIELDED  
ALL CABLE NO. 14 EXCEPT AS INDICATED
- PROPOSED ELECTRICAL SERVICE
- PROP. CONTROLLER CABINET
- DEMOTES NUMBER OF PAIRS TWISTED SHIELDED CABLE
- CONFIRMATION BEACON
- EMERGENCY VEHICLE SYSTEM DETECTOR
- WALK/DON'T WALK SECTION (SYMBOL INDICATION)
- PEDESTRIAN PUSH BUTTON DETECTOR
- 250 WATT HPS LUMINAIRE

ELECTRICAL LOAD FOR LADD STREET & IL 116			
<b>SOUTHBOUND (LADD STREET)</b>			
RED	3	10	64%
YELLOW	3	19	3%
GREEN	3	14	33%
YELLOW ARROW	2	9	3%
GREEN ARROW	2	9	10%
<b>NORTHBOUND (LADD STREET)</b>			
RED	5	10	79%
YELLOW	5	19	3%
GREEN	5	14	18%
YELLOW ARROW	4	9	0%
GREEN ARROW	4	9	0%
WALK	2	6	13%
DON'T WALK	2	8	87%
<b>EASTBOUND (IL 116 - HOWARD STREET)</b>			
RED	3	10	55%
YELLOW	3	19	3%
GREEN	3	14	42%
YELLOW ARROW	2	9	0%
GREEN ARROW	2	9	0%
WALK	2	6	37%
DON'T WALK	2	8	63%
<b>WESTBOUND (IL 116 - HOWARD STREET)</b>			
RED	3	10	40%
YELLOW	3	19	3%
GREEN	3	14	57%
YELLOW ARROW	2	9	3%
GREEN ARROW	2	9	10%
<b>TRAFFIC SIGNAL</b>			
CONTROLLER	1	6	100%
DETECTOR	12	4	100%
<b>HIGHWAY LIGHTING</b>			
CONTROLLER	1	6	100%
LUMINAIRE	2	310	50%



FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -
Documents\DOT Offices\District 3\Projects\36653\Final\Drawings\36653-sh1-cover.dwg	Documents\DOT Offices\District 3\Projects\36653\Final\Drawings\36653-sh1-cover.dwg	CHECKED -	REVISED -
Default	PLOT DATE = 4/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOOP DETECTOR INFORMATION - LADD ST**

F.A.P. RTE. 681	SECTION (113) SW	COUNTY LIVINGSTON	TOTAL SHEETS 56	SHEET NO. 48
ILLINOIS FED. AID PROJECT				

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1200.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2022	DATE -	REVISED -

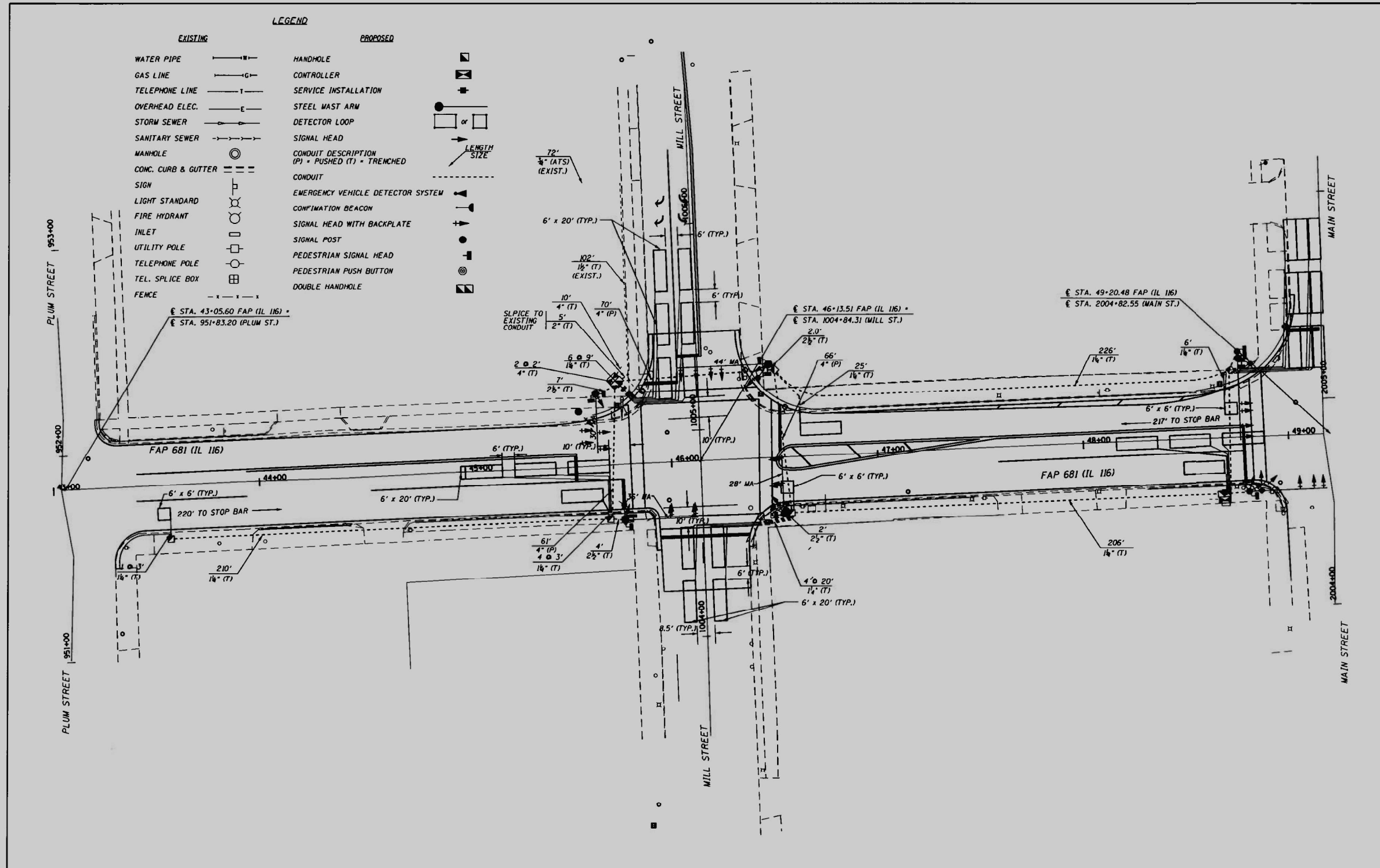
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TRAFFIC PLANS  
FOR INFORMATION ONLY**

F.A.P. RTE. 681	SECTION (113)RS-3	COUNTY LIVINGSTON	TOTAL SHEETS 51	SHEET NO. 41
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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 PROJECT: 36653  
 DISTRICT: 3  
 COUNTY: LIVINGSTON  
 SHEET: 48  
 CONTRACT: 66E53

# FOR INFORMATION ONLY



FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -
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Default	PLOT DATE = 4/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

LOOP DETECTOR INFORMATION - MILL ST			
F.A.P. RTE. 681	SECTION (113) SW	COUNTY LIVINGSTON	TOTAL SHEETS 56
SCALE:		SHEET OF SHEETS	STA. TO STA.

F.A.P. RTE. 681	SECTION (113) SW	COUNTY LIVINGSTON	TOTAL SHEETS 56	SHEET NO. 49
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
DRAWN -	CHECKED -	REVISED -
PLOT SCALE = 1200.0000' / in.	DATE -	REVISED -
PLOT DATE = 3/23/2022		

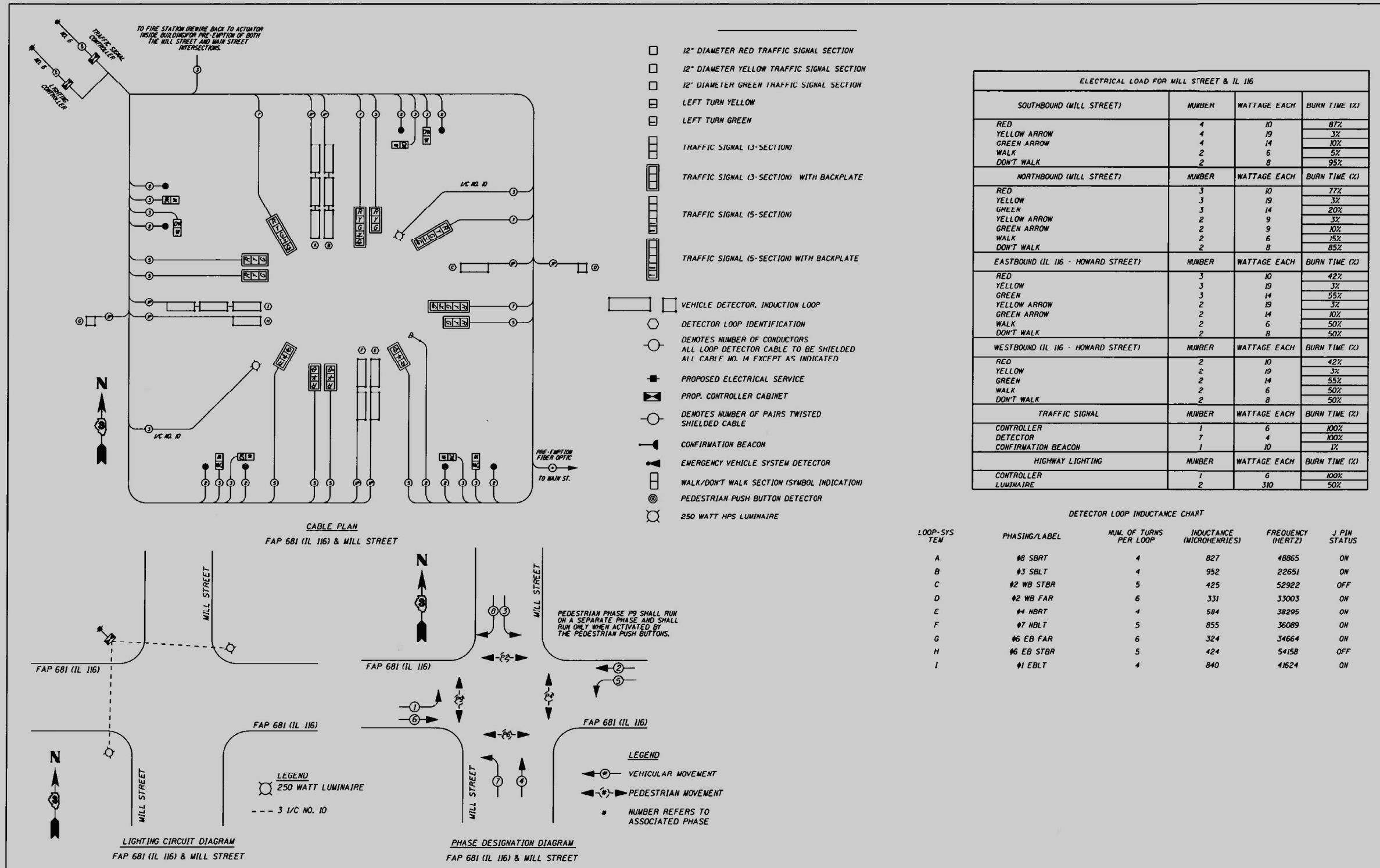
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

EXISTING TRAFFIC PLANS FOR INFORMATION ONLY			
F.A.P. RTE. 681	SECTION (113)RS-3	COUNTY LIVINGSTON	TOTAL SHEETS 51
SCALE:		SHEET OF SHEETS	STA. TO STA.

F.A.P. RTE. 681	SECTION (113)RS-3	COUNTY LIVINGSTON	TOTAL SHEETS 51	SHEET NO. 42
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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 PROJECT: 0366  
 CONTRACT: 66F62  
 SHEET: 49  
 TOTAL SHEETS: 56  
 COUNTY: LIVINGSTON  
 SECTION: (113) SW  
 F.A.P. RTE.: 681  
 SCALE: 1200.0000' / in.  
 PLOT DATE: 3/23/2022  
 USER: NOLASCOCJ

# FOR INFORMATION ONLY



FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/14/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOOP DETECTOR INFORMATION - MILL ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 681	SECTION (113) SW	COUNTY LIVINGSTON	TOTAL SHEETS 56	SHEET NO. 50
ILLINOIS FED. AID PROJECT CONTRACT NO. 66F62				

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1200.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

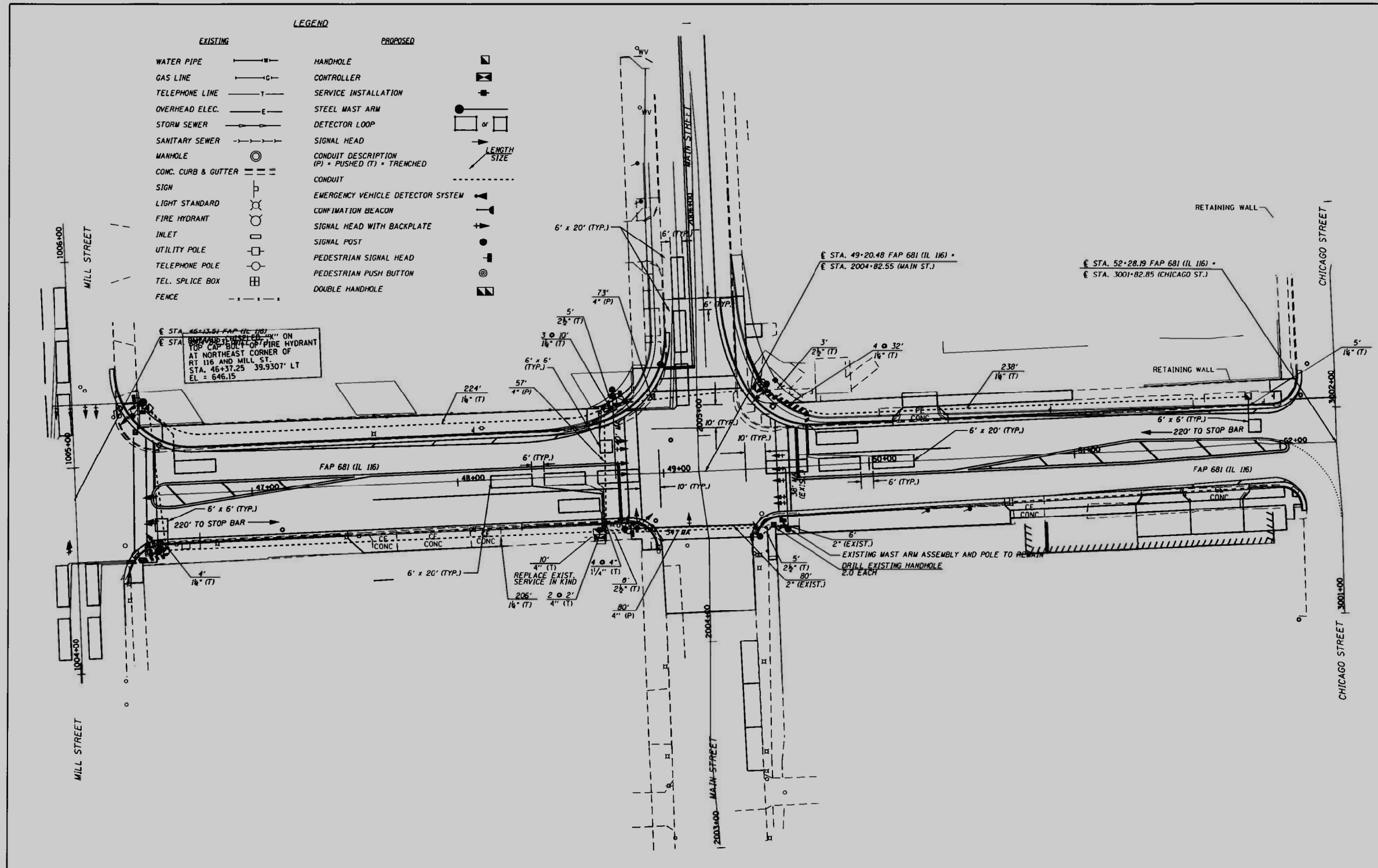
EXISTING TRAFFIC PLANS  
FOR INFORMATION ONLY

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 681	SECTION (113)RS-3	COUNTY LIVINGSTON	TOTAL SHEETS 51	SHEET NO. 43
ILLINOIS FED. AID PROJECT CONTRACT NO. 66E53				

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 PROJECT: 036653

# FOR INFORMATION ONLY



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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
	PLOT DATE = 4/14/2017		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

LOOP DETECTOR INFORMATION - MAIN ST			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
681	(113) SW	LIVINGSTON	56
<b>CONTRACT NO. 66F62</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	44
<b>CONTRACT NO. 66E53</b>				
ILLINOIS FED. AID PROJECT				

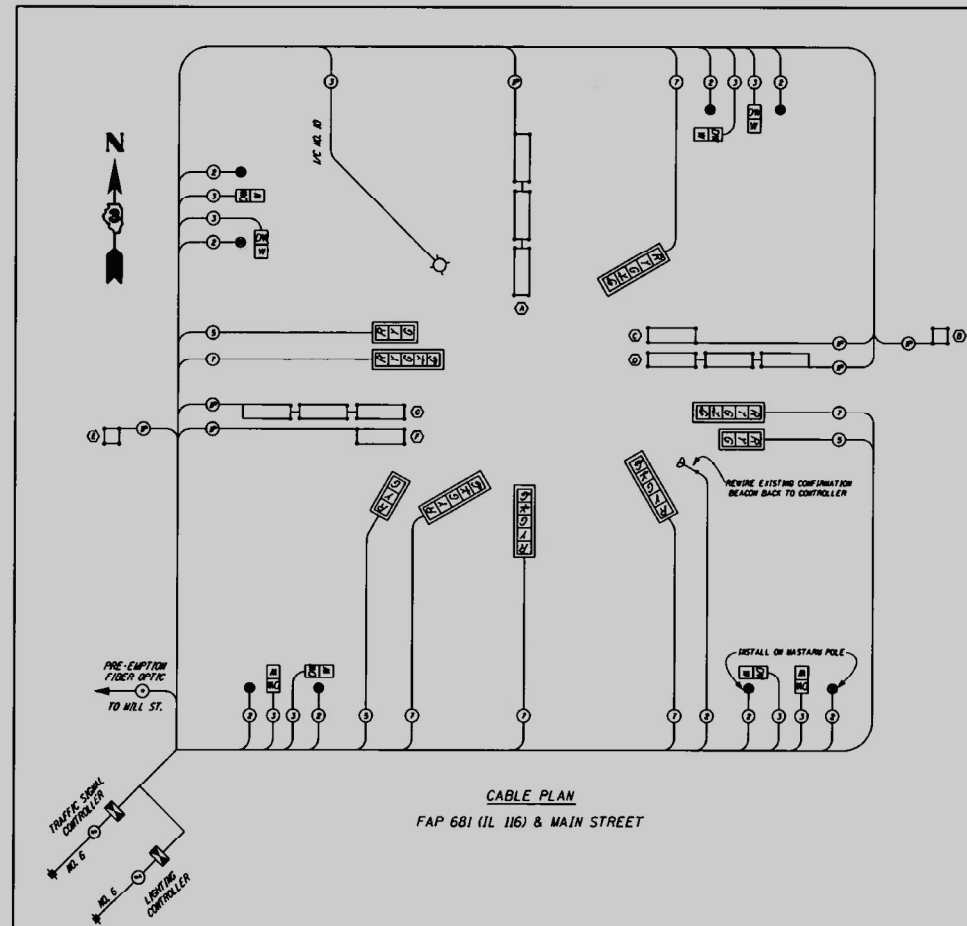
USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1200.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/25/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

EXISTING TRAFFIC PLANS FOR INFORMATION ONLY			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

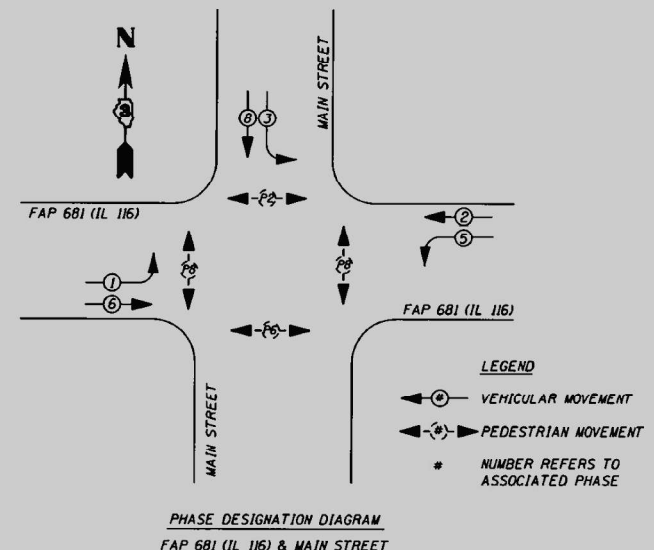
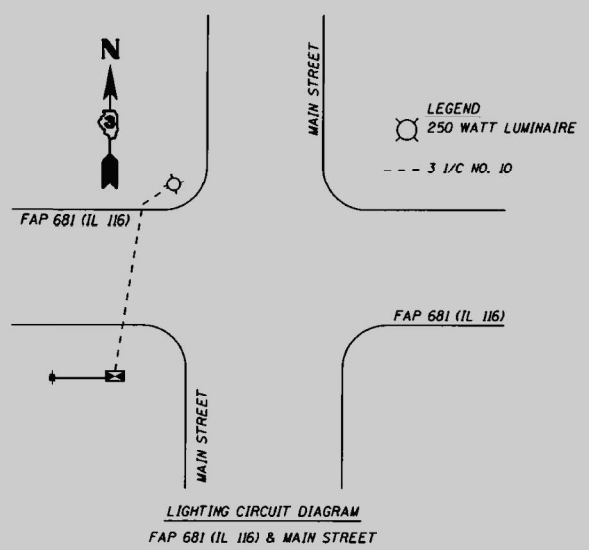
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	44
<b>CONTRACT NO. 66E53</b>				
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY



- 12" DIAMETER RED TRAFFIC SIGNAL SECTION
- 12" DIAMETER YELLOW TRAFFIC SIGNAL SECTION
- 12" DIAMETER GREEN TRAFFIC SIGNAL SECTION
- LEFT TURN YELLOW
- LEFT TURN GREEN
- TRAFFIC SIGNAL (3-SECTION)
- TRAFFIC SIGNAL (3-SECTION) WITH BACKPLATE
- TRAFFIC SIGNAL (5-SECTION)
- TRAFFIC SIGNAL (5-SECTION) WITH BACKPLATE
- VEHICLE DETECTOR, INDUCTION LOOP
- DETECTOR LOOP IDENTIFICATION
- DENOTES NUMBER OF CONDUCTORS
- ALL LOOP DETECTOR CABLE TO BE SHIELDED
- ALL CABLE NO. 14 EXCEPT AS INDICATED
- PROPOSED ELECTRICAL SERVICE
- PROP. CONTROLLER CABINET
- DENOTES NUMBER OF PAIRS TWISTED SHIELDED CABLE
- CONFIRMATION BEACON
- EMERGENCY VEHICLE SYSTEM DETECTOR
- WALK/DON'T WALK SECTION (SYMBOL INDICATION)
- PEDESTRIAN PUSH BUTTON DETECTOR
- 250 WATT HPS LUMINAIRE

SOUTHBOUND (MAIN STREET)			
	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	3	10	77%
YELLOW	3	19	3%
GREEN	2	14	20%
YELLOW ARROW	2	9	3%
GREEN ARROW	2	9	17%
WALK	2	6	15%
DON'T WALK	2	8	85%
NORTHBOUND (MAIN STREET)			
	NUMBER	WATTAGE EACH	BURN TIME (%)
WALK	2	6	15%
DON'T WALK	2	8	85%
EASTBOUND (IL 116 - HOWARD STREET)			
	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	3	10	46%
YELLOW	3	19	3%
GREEN	3	14	51%
YELLOW ARROW	2	9	3%
GREEN ARROW	2	9	10%
WALK	2	6	46%
DON'T WALK	2	8	54%
WESTBOUND (IL 116 - HOWARD STREET)			
	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	3	10	46%
YELLOW	3	19	3%
GREEN	3	14	51%
YELLOW ARROW	2	9	3%
GREEN ARROW	2	9	15%
WALK	2	6	46%
DON'T WALK	2	8	54%
TRAFFIC SIGNAL			
	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100%
DETECTOR	6	1	100%
CONFIRMATION BEACON	1	10	1%
HIGHWAY LIGHTING			
	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100%
LUMINAIRE	1	310	50%



LOOP-SYSTEM	PHASING/LABEL	NUM. OF TURNS PER LOOP	INDUCTANCE (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	#8 SB	4	850	37706	ON
B	#2 WB FAR	6	345	30327	ON
C	#2 WB STBR	5	440	43265	OFF
D	#5 WBLT	4	863	34172	ON
E	#6 EB FAR	6	307	40157	ON
F	#6 EB STBR	5	401	136473	OFF
G	#1 EBLT	4	816	59003	ON

FILE NAME =	USER NAME = budzyskim	DESIGNED -	REVISED -
Default		CHECKED -	REVISED -
	PLOT DATE = 4/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE. 681	SECTION (113) SW	COUNTY LIVINGSTON	TOTAL SHEETS 56	SHEET NO. 52
ILLINOIS FED. AID PROJECT				

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1200.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2022	DATE -	REVISED -

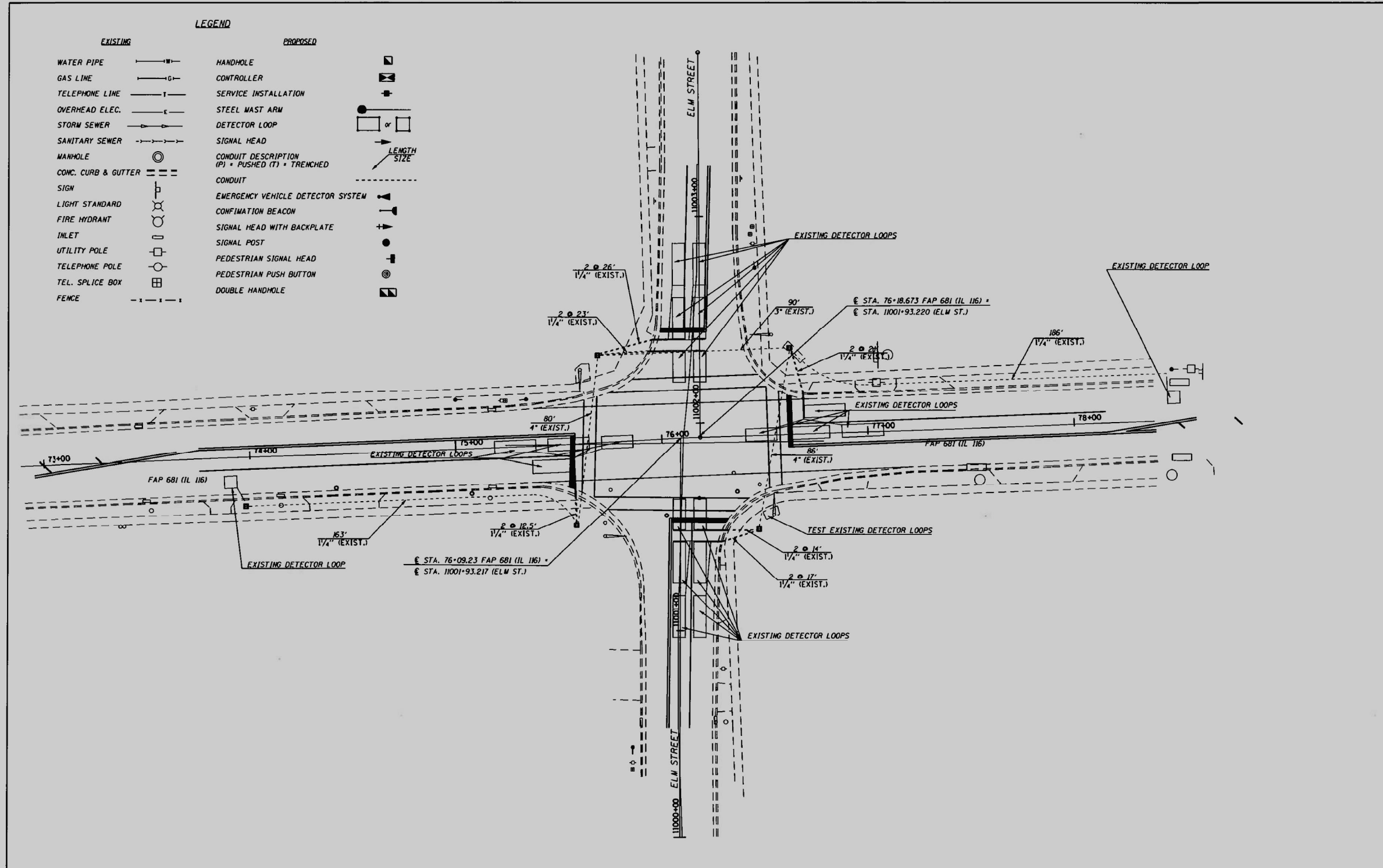
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE. 681	SECTION (113)RS-3	COUNTY LIVINGSTON	TOTAL SHEETS 51	SHEET NO. 45
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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 PROJECT: 036662  
 DATE: 3/23/2022

# FOR INFORMATION ONLY



FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -
pw:\IL084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Office\District 3\Projects\0366\FAX\DRWD\DRWD\CAD\Drawings\0366\F62\shd-cover.dwg	PROJECT = 681	CHECKED -	REVISED -
Default	PLOT DATE = 4/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

LOOP DETECTOR INFORMATION - ELM ST			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
681	(113) SW	LIVINGSTON	56
CONTRACT NO. 66F62			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	46
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
PLOT DATE = 3/25/2022	CHECKED -	REVISED -
DATE -	REVISIONS	REVISIONS

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

EXISTING TRAFFIC PLANS FOR INFORMATION ONLY			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
681	(113)RS-3	LIVINGSTON	51
CONTRACT NO. 66E53			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	46
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				

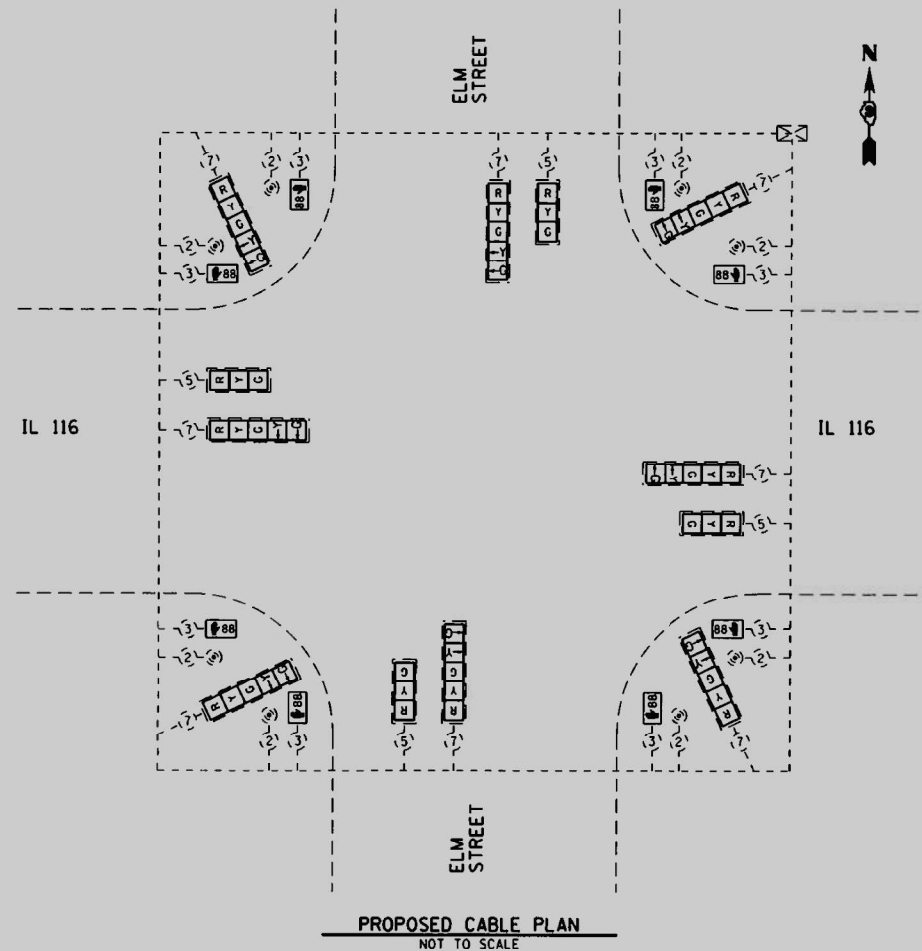
# FOR INFORMATION ONLY

ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
IL 116	RED	6	7	35
	YELLOW	6	12	5
	GREEN	6	9.5	60
	YELLOW ARROW LT.	4	6	5
	GREEN ARROW LT.	4	6	10
	LED	4	11/10	50/50
ELM STREET	RED	6	7	60
	YELLOW	6	12	5
	GREEN	6	9.5	35
	YELLOW ARROW LT.	4	6	5
	GREEN ARROW LT.	4	6	10
	LED	4	11/10	50/50
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100

THERE MAY BE ADDITIONAL ELECTRICAL LOADS DUE TO LIGHTING AND EMERGENCY VEHICLE DETECTION EQUIPMENT.  
AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES:  
CITY OF PONTIAC

### CONSTRUCTION NOTES:

- MODIFY EXISTING CONTROLLER CABINET.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- RETROFIT THE FOUR (4) 3-SECTION HEADS WITH LED SIGNAL HEADS.
- RETROFIT THE EIGHT (8) 5-SECTION HEADS WITH LED SIGNAL HEADS.
- REMOVE AND REPLACE EIGHT (8) PEDESTRIAN HEADS WITH LED PEDESTRIAN HEADS WITH COUNT DOWN TIMERS.
- REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:  
8 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED



### SCHEDULE OF QUANTITIES (95% STATE / 5% CITY)

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
Z0033002	LED SIGNAL FACE RETROFIT, RED BALL	EACH	12
Z0033004	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	12
Z0033008	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	12
Z0033010	LED SIGNAL FACE RETROFIT, YELLOW ARROW	EACH	8
Z0033012	LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	8

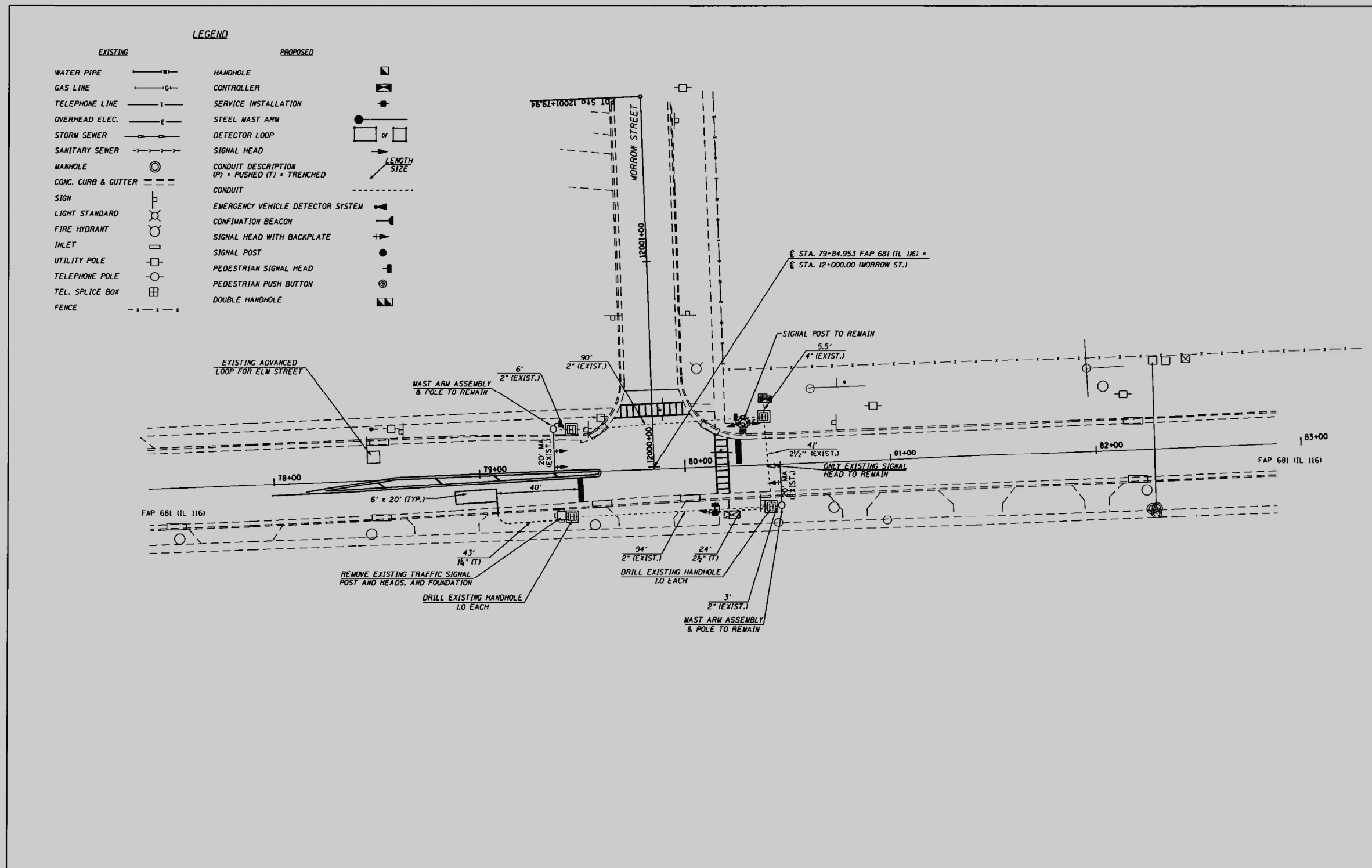
### TRAFFIC SIGNALS LEGEND

( )	DENOTES NUMBER OF EXISTING CONDUCTORS
⊞	EXISTING CONTROLLER AND CABINET
□	SIGNAL SECTION 12"
⊞	LEFT TURN YELLOW
⊞	LEFT TURN GREEN
⊞	EXISTING PEDESTRIAN PUSH BUTTON
⊞	PROPOSED WALK/DON'T WALK WITH COUNT DOWN TIMER
⊞	RETROFIT EXISTING TRAFFIC SIGNAL WITH LED HEADS

FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOOP DETECTOR INFORMATION - ELM ST	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			681	(113) SW	LIVINGSTON	56	54
	PLOT DATE = 4/14/2017	DATE -	REVISED -						CONTRACT NO. 66F62	
						ILLINOIS FED. AID PROJECT				

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TRAFFIC PLANS FOR INFORMATION ONLY	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 1200.0000' / in.	CHECKED -	REVISED -			681	(113)RS-3	LIVINGSTON	51	47	
PLOT DATE = 3/25/2022	DATE -	REVISED -						CONTRACT NO. 66E53		
						ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY



FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/14/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOOP DETECTOR INFORMATION - MORROW ST

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	55
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1200.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

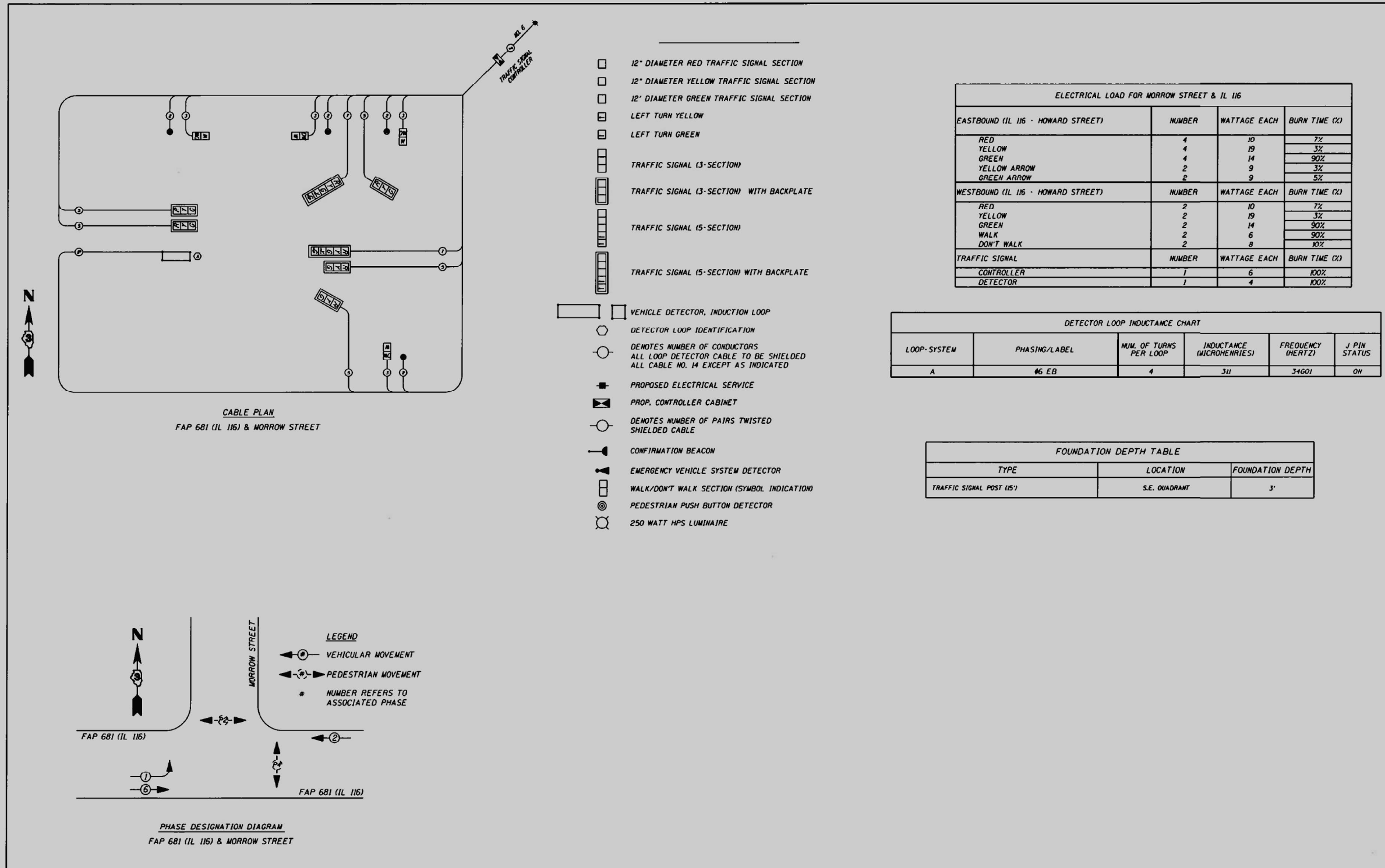
EXISTING TRAFFIC PLANS  
FOR INFORMATION ONLY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	48
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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 PROJECT: 0366F62-113-48  
 DATE: 3/23/2022



# FOR INFORMATION ONLY



EASTBOUND (IL 116 - HOWARD STREET)			
	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	4	10	7%
YELLOW	4	19	3%
GREEN	4	14	90%
YELLOW ARROW	2	9	3%
GREEN ARROW	2	9	5%
WESTBOUND (IL 116 - HOWARD STREET)			
	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	2	10	7%
YELLOW	2	19	3%
GREEN	2	14	90%
WALK	2	6	90%
DON'T WALK	2	8	10%
TRAFFIC SIGNAL			
	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100%
DETECTOR	1	4	100%

LOOP-SYSTEM	PHASING/LABEL	NUM. OF TURNS PER LOOP	INDUCTANCE (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	#6 EB	4	311	34601	ON

TYPE	LOCATION	FOUNDATION DEPTH
TRAFFIC SIGNAL POST (IS)	S.E. QUADRANT	3'

FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/14/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOOP DETECTOR INFORMATION - MORROW ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	56
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC PLANS  
FOR INFORMATION ONLY

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	49
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1200,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/25/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TRAFFIC PLANS  
FOR INFORMATION ONLY**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 681	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	50
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1200,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/25/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TRAFFIC PLANS  
FOR INFORMATION ONLY**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 681	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113)RS-3	LIVINGSTON	51	51
CONTRACT NO. 66E53				
ILLINOIS FED. AID PROJECT				