

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,SW	ILLINOIS	118*	1
			CONTRACT NO. 66L58	

\* 118+5=123 TOTAL SHEETS \* DEKALB & KENDALL

**INDEX OF SHEETS**

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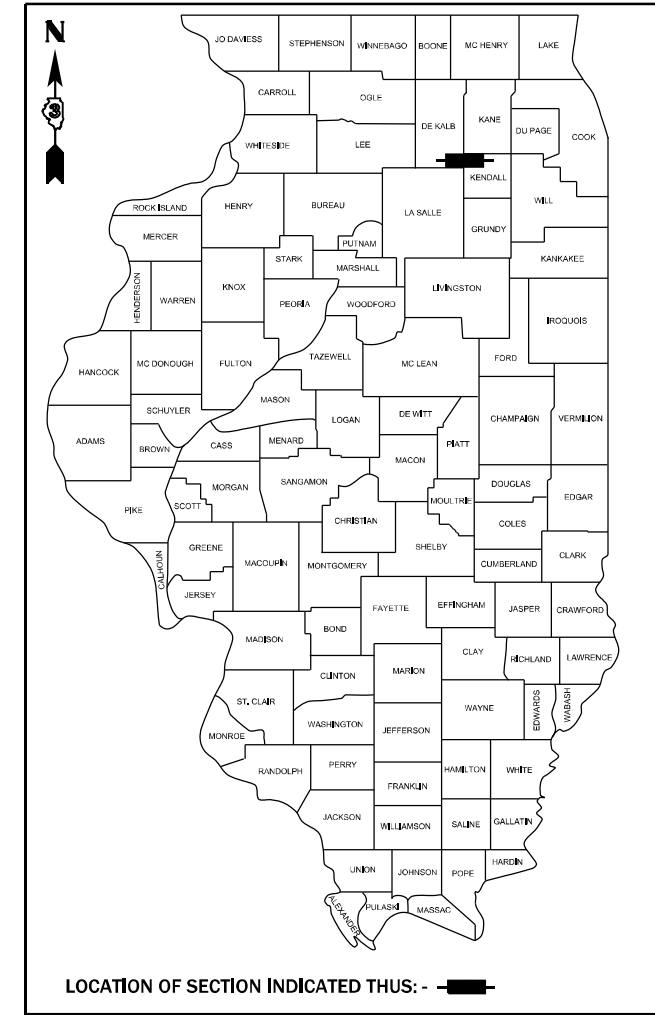
**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

- 000001-0 8 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-0 5 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 442201-03 CLASS C AND D PATCHES
- 482011-03 HMA SHOULDER STRIPS/SHOULDERS WITH RS OR WIDENING & RS PROJECTS
- 635001-02 DELINEATORS
- 642006 -01 SHOULDER RUMBLE STRIPS, 8 INCH
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
- 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
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 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
- 814001-03 HANDHOLES
- 821101-02 LUMINAIRE WIRING IN POLE
- 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING

# PROPOSED HIGHWAY PLANS

FAP ROUTE 591 (US 34)  
SECTION (15A,15R)RS-6,SW  
PROJECT COVD-STP-4SQ3(982)  
MILLING AND RESURFACING  
(DESIGNED OVERLAY), ADA  
DEKALB & KENDALL COUNTY

C-93-047-21



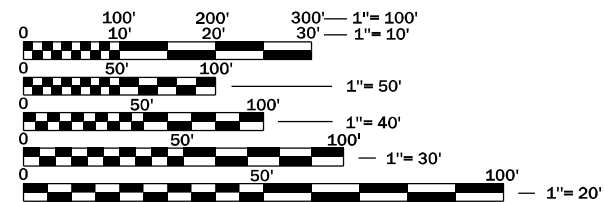
**FUNCTIONAL CLASSIFICATION**  
**RURAL MINOR ARTERIAL**  
2019 ADT=11700  
P.V. = 94.9% S.U. = 2.8% M.U. = 2.3%

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 25, 2022  
*T. James Arnold*  
REGIONAL ENGINEER

May 13, 2022  
*John A. Elk*  
ENGINEER OF DESIGN AND ENVIRONMENT

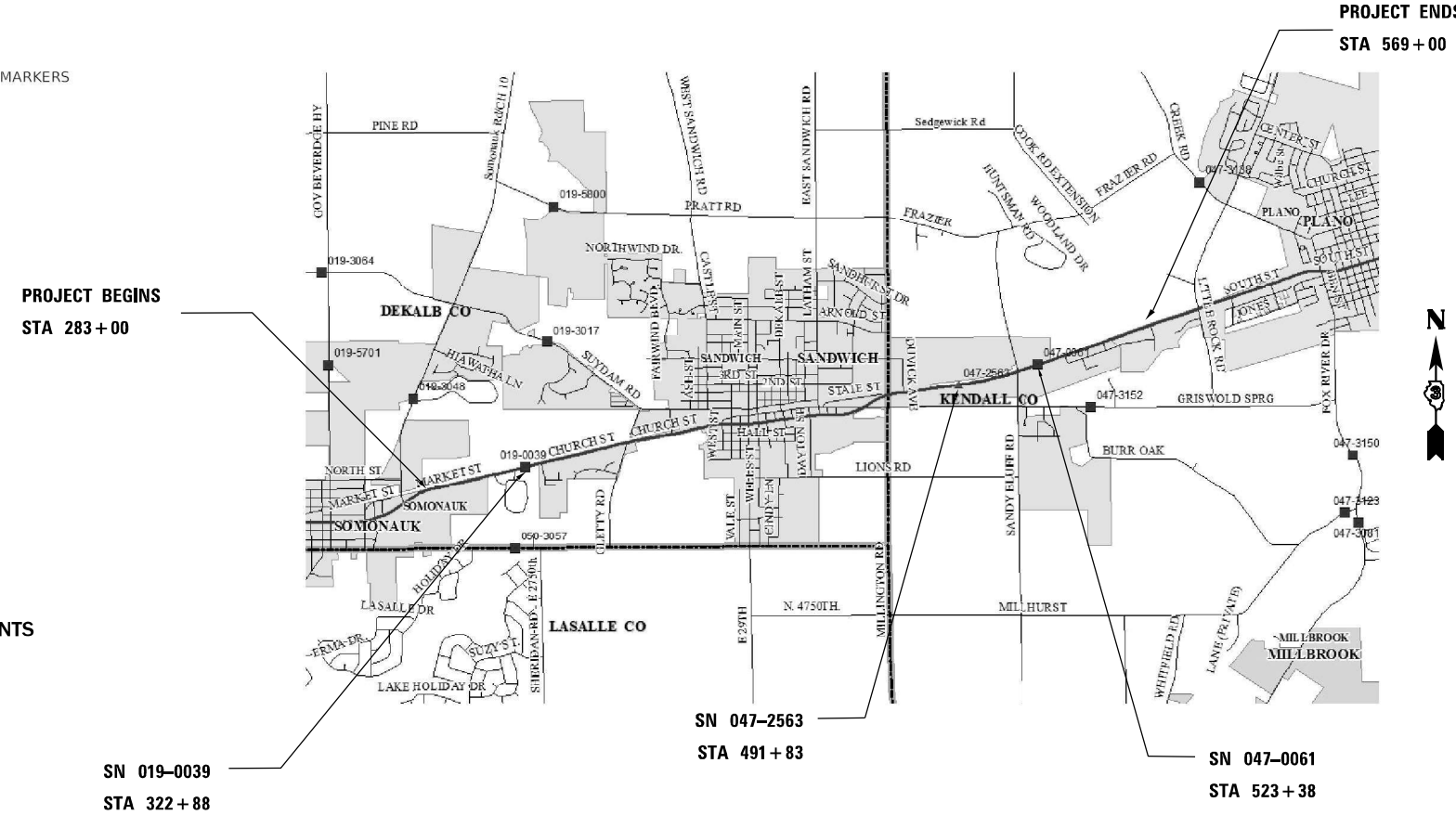
May 13, 2022  
*Steph M. Smith*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION



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, PE**  
**UNIT CHIEF: STEPHENIE CARMIN**  
**DISTRICT 3 NO. (815) 434-6131**  
**CONTRACT NO. 66L58**



GROSS LENGTH = 28600 FT. = 5.42 MILE  
NET LENGTH = 28232 FT. = 5.35 MILE

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**GENERAL NOTES**

**COMMITMENTS**

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: AMEREN, EIEC, MCI/VERIZON, NICOR AND MEDIACOM

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: DEKALB FIBER, FRONTIER, VILLAGE OF SOMONAUK, MEDIACOM, AT&T, COMED, COMCAST, METRO FIBERNET, NICOR, CITY OF SANDWICH, ANR PIPELINE, GUARDIAN PIPELINE, ENBRIDGE ENERGY PARTNERS, & THE CITY OF PLANO.

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

**HMA MIXTURE REQUIREMENT TABLE**

LOCATION(S):	3 3/4" OVERLAY	3 3/4" OVERLAY	2 1/2" OVERLAY	2 1/2" OVERLAY	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA BINDER COURSE	HMA SURFACE COURSE	HMA BINDER COURSE	HMA SURFACE	HMA SHOULDER BOTTOM LIFT	HMA SHOULDER TOP LIFT (1.50")	INCIDENTAL HMA
BINDER GRADE (PG):	PG 64-22	PG 64-22	SBS PG 70-28	SBS PG 70-28	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5	IL 9.5FG	IL 9.5FG	IL-19.0	IL-9.5	IL-9.5
FRICTION AGGREGATE:	MIXTURE D		MIXTURE D				
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCP	QCP	QCP	QCP	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	1000 TONS	1000 TONS	1000 TONS	1000 TONS	N/A	N/A	N/A
DENSITY TEST METHOD:	CORES	CORES	CORES	CORES	CORES	CORES	SATISFACTION OF ENGINEER
MATERIAL TRANSFER DEVICE (REQUIRED)	YES	YES	YES	YES	NO	NO	NO

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS CON'T**

701427-05	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

\_\_\_\_\_  
SUPERVISING CONSTRUCTION FIELD ENGINEER

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

\_\_\_\_\_  
RESIDENT ENGINEER / TECHNICIAN

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

START & END DATES  
OF CONSTRUCTION: \_\_\_\_\_

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

INSPECTORS: \_\_\_\_\_

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

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



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				DEKALB COVD FUNDS	DEKALB STP FUNDS	KENDALL STP FUNDS
				100% FED	80% FED 20% STATE	80% FED 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005
				URBAN	URBAN	URBAN
20200100	EARTH EXCAVATION	CU YD	150		115	35
20400800	FURNISHED EXCAVATION	CU YD	30	10	5	15
21400100	GRADING AND SHAPING DITCHES	FOOT	661	13	498	150
25000100	SEEDING, CLASS 1	ACRE	0.75		0.5	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	67.5		45	22.5
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	67.5		45	22.5
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	67.5		45	22.5
25100630	EROSION CONTROL BLANKET	SQ YD	3630		2420	1210
25200100	SODDING	SQ YD	45		44	1
28100105	STONE RIPRAP, CLASS A3	SQ YD	21	8	3	10
28100107	STONE RIPRAP, CLASS A4	SQ YD	12			12
28200200	FILTER FABRIC	SQ YD	33	8	3	22
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	86635	19400	28403	38832
40600370	LONGITUDINAL JOINT SEALANT	FOOT	75797	13828	25905	36064

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PLOT DATE = 4/22/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK, KEN	118	3
			CONTRACT NO. 66L58	
			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				DEKALB COVD FUNDS	DEKALB STP FUNDS	KENDALL STP FUNDS
				100% FED	80% FED 20% STATE	80% FED 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005
				URBAN	URBAN	URBAN
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	36	8.1	11.4	16.5
40600901	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	TON	61	14	19	28
40600990	TEMPORARY RAMP	SQ YD	1743	241	822	680
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	8858	3383	1289	4186
40603218	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	3496		1970	1526
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	5904	2254	859	2791
40604112	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "D", N70	TON	3496		1970	1526
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1489	244	717	528
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	5466		5095	371
* 42400800	DETECTABLE WARNINGS	SQ FT	607		567	40
44000100	PAVEMENT REMOVAL	SQ YD	253		239	14
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	25166	25166		
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	49972		28162	21810
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	45131	1682	10227	33222

\*= SPECIALTY ITEM

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK, KEN	118	4
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				DEKALB COVD FUNDS	DEKALB STP FUNDS	KENDALL STP FUNDS
				100% FED	80% FED 20% STATE	80% FED 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005
				URBAN	URBAN	URBAN
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	989		925	64
44000600	SIDEWALK REMOVAL	SQ FT	6081		5311	770
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	81		75	6
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	173		164	9
44201839	CLASS D PATCHES, TYPE II, 16 INCH	SQ YD	884	24	355	505
44201843	CLASS D PATCHES, TYPE III, 16 INCH	SQ YD	1168	802	171	195
44201845	CLASS D PATCHES, TYPE IV, 16 INCH	SQ YD	2346	434	649	1263
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1445	988	68	389
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	4307	4307		
54390160	INSERTION CULVERT LINER 21"	FOOT	96			96
55100700	STORM SEWER REMOVAL 15"	FOOT	20	20		
56109210	WATER VALVES TO BE ADJUSTED	EACH	8		8	
60260100	INLETS TO BE ADJUSTED	EACH	2		2	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	58	1	57	

\*SPECIALTY ITEM

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DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A.15R)RS-6,SW	DEK. KEN	118	5
			CONTRACT NO. 66L58	
ILLINOIS FED. AID PROJECT				



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				DEKALB COVD FUNDS 100% FED	DEKALB STP FUNDS 80% FED 20% STATE	KENDALL STP FUNDS 80% FED 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0005 URBAN	0005 URBAN	0005 URBAN
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	74		36	38
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	373		373	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	679		653	26
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	752		361	391
63500105	DELINEATORS	EACH	11	2	3	6
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	15780	15780		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	850	571	252	27
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	3	1	1
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.67	0.29	0.04
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.67	0.29	0.04
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	12	8	3	1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	1	2	2
67100100	MOBILIZATION	L SUM	1	0.29	0.34	0.37
70100350	TRAFFIC CONTROL AND PROTECTION, STANDARD 701101	EACH	11.00	2.33	3.33	5.33

\*SPECIALTY ITEM

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ILLINOIS FED. AID PROJECT			CONTRACT NO. 66L58	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				DEKALB COVD FUNDS 100% FED	DEKALB STP FUNDS 80% FED 20% STATE	KENDALL STP FUNDS 80% FED 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005
				URBAN	URBAN	URBAN
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.29	0.34	0.37
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.29	0.34	0.37
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.29	0.34	0.37
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.29	0.34	0.37
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.29	0.34	0.37
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4351	1645	1244	1462
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1448	546	415	487
* 72000100	SIGN PANEL - TYPE 1	SQ FT	286	15.5	79.5	191
* 72000200	SIGN PANEL - TYPE 2	SQ FT	111	33	78	
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	4		4	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	813	79	312	422
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	86614	8833	27347	50434
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3942	129	3190	623
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	7683	816	1949	4918

\*SPECIALTY ITEM

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591	(15A,15R)RS-6,5W	DEK, KEN	118	7
			CONTRACT NO. 66L58	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				DEKALB COVD FUNDS 100% FED	DEKALB STP FUNDS 80% FED 20% STATE	KENDALL STP FUNDS 80% FED 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005
				URBAN	URBAN	URBAN
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3987	569	1434	1984
* 78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 24"	FOOT	870		363	507
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1056			1056
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	5			5
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	30596	30596		
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	3258	3258		
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	813	79	312	422
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	86614	8833	27347	50434
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2000	129	1517	354
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	7683	816	1949	4918
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	870		363	507
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1085	156	381	548
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1085	156	381	548
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	292		292	

\*SPECIALTY ITEM

MODEL: Default  
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK, KEN	118	8
			CONTRACT NO. 66L58	
			ILLINOIS FED. AID PROJECT	



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				DEKALB COVD FUNDS		DEKALB STP FUNDS		KENDALL STP FUNDS			
				100% FED		80% FED 20% STATE		80% FED 20% STATE			
				ROADWAY		ROADWAY		ROADWAY			
0005		0005		0005							
URBAN		URBAN		URBAN							
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	10092								10092
* 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	15				15				
* 81400200	HEAVY-DUTY HANDHOLE	EACH	8								8
* 82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	5								5
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	15		2		6				7
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	4				1				3
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	4								4
* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	10692								10692
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1637				1637				
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	157				157				
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	479		5		449				25
* 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1				1				
* 87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	15				15				
* 87600200	PEDESTRIAN PUSH-BUTTON POST, TYPE II	EACH	8				8				

\*SPECIALTY ITEM

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PLOT DATE = 4/22/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK, KEN	118	9
			CONTRACT NO. 66L58	

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				DEKALB COVD FUNDS 100% FED	DEKALB STP FUNDS 80% FED 20% STATE	KENDALL STP FUNDS 80% FED 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0005 URBAN	0005 URBAN	0005 URBAN
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3		3	
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	26.5	1	8	17.5
* 87900200	DRILL EXISTING HANDHOLE	EACH	12		12	
* 87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	13		6	7
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1330		1330	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	17	2	6	9
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1		1	
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1		0.48	0.52
X0322215	CLEANING BRIDGE SCUPPERS AND DOWNSPOUTS	EACH	8	8		
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	5380	730	2190	2460
X0325893	CLEAN EXISTING END SECTION	EACH	1		1	
* X0325922	CELLULAR MODEM	EACH	2	1		1
* X0326266	ETHERNET SWITCH	EACH	9	1	3	5
* X0326341	REATTACH END SECTION	EACH	1		1	

\*SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE:      SHEET      OF      SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,SW	DEK, KEN	118	10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66L58	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				DEKALB COVD FUNDS	DEKALB STP FUNDS	KENDALL STP FUNDS
				100% FED	80% FED 20% STATE	80% FED 20% STATE
				ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005
				URBAN	URBAN	URBAN
X0326649	LINEAR DELINEATOR PANELS, 6 INCH	EACH	16	6		10
* X0326885	VIDEO DETECTION SYSTEM	EACH	15	2	6	7
X0327809	LINEAR DELINEATOR PANELS, 4 INCH	EACH	27	16		11
X0800001	SHOULDER REMOVAL (SPECIAL)	SQ YD	4307	4307		
X1400031	REMOVE PEDESTRIAN PUSH-BUTTON	EACH	16		16	
* X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1			1
* X1400101	NETWORK CONFIGURATION	L SUM	1	0.29	0.34	0.37
* X1400107	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	2		1	1
* X1400108	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1	1		
* X1400169	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	2		1	1
* X1400182	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET	EACH	1			1
* X1400214	SPARE RAILROAD, FULL ACTUATED CONTROLLER, SPECIAL	EACH	2		1	1
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	378		378	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	12102	2837	5524	3741

\*SPECIALTY ITEM

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	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,SW	DEK, KEN	118	11
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				



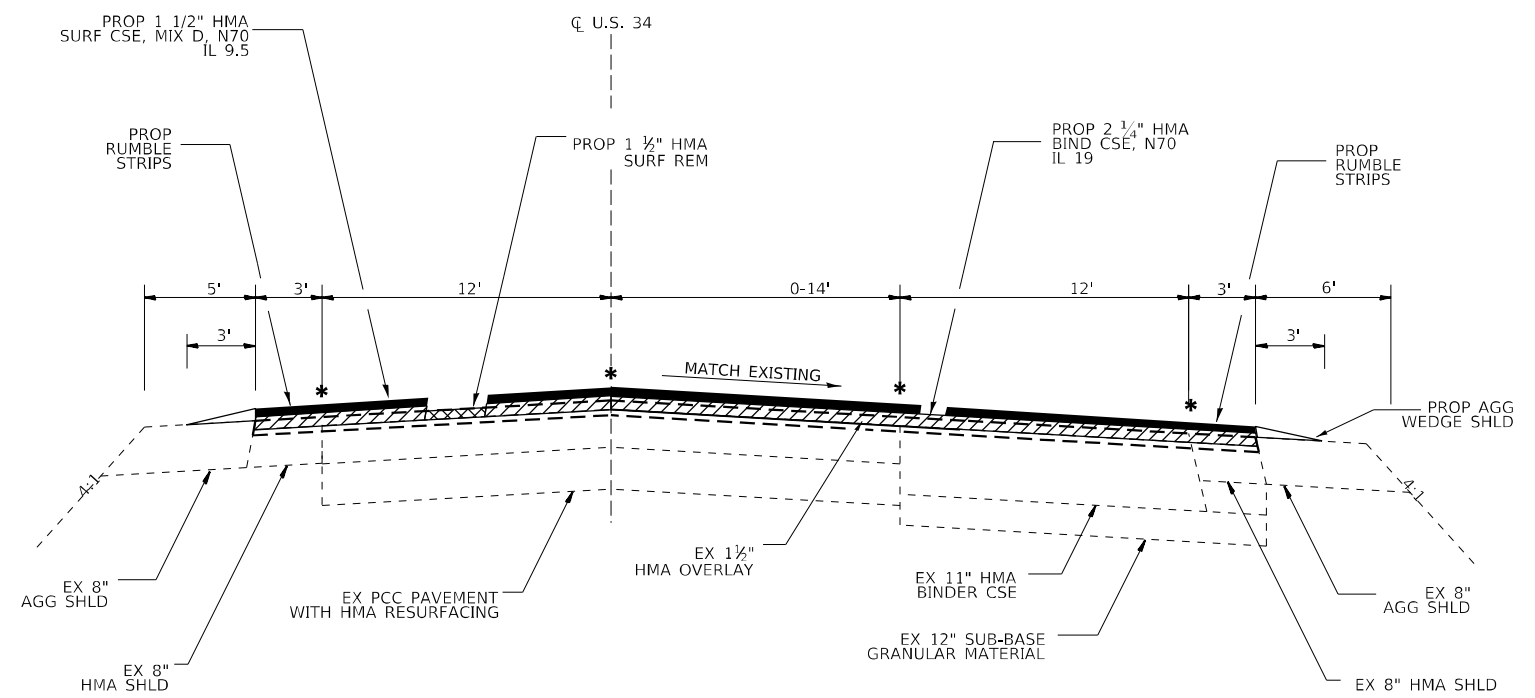
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				DEKALB COVD FUNDS 100% FED	DEKALB STP FUNDS 80% FED 20% STATE	KENDALL STP FUNDS 80% FED 20% STATE
				ROADWAY 0005	ROADWAY 0005	ROADWAY 0005
				URBAN	URBAN	URBAN
X5010523	REMOVE CONCRETE END SECTION	EACH	1		1	
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	28		28	
X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	37		37	
* X8140115	HANDHOLE TO BE ADJUSTED	EACH	2		2	
* X8600105	MASTER CONTROLLER (SPECIAL)	EACH	3	1	2	
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	8	1	3	4
* X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	10692		10692	
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	18		18	
* X8950100	RELOCATE EXISTING MASTER CONTROLLER	EACH	1			1
* X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	2		2	
* X8950301	REMOVE EXISTING TRAFFIC SIGNAL POST	EACH	1		1	
Z0012500	CONCRETE CURB REPAIR	FOOT	38		38	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	21		21
Ø Z0076600	TRAINEES	HOUR	2,000	2,000		
Z0034105	MATERIAL TRANSFER DEVICE	TON	21754	5637	6088	10029
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	2,000	2,000		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.29	0.34	0.37

\*SPECIALTY ITEM Ø 0042

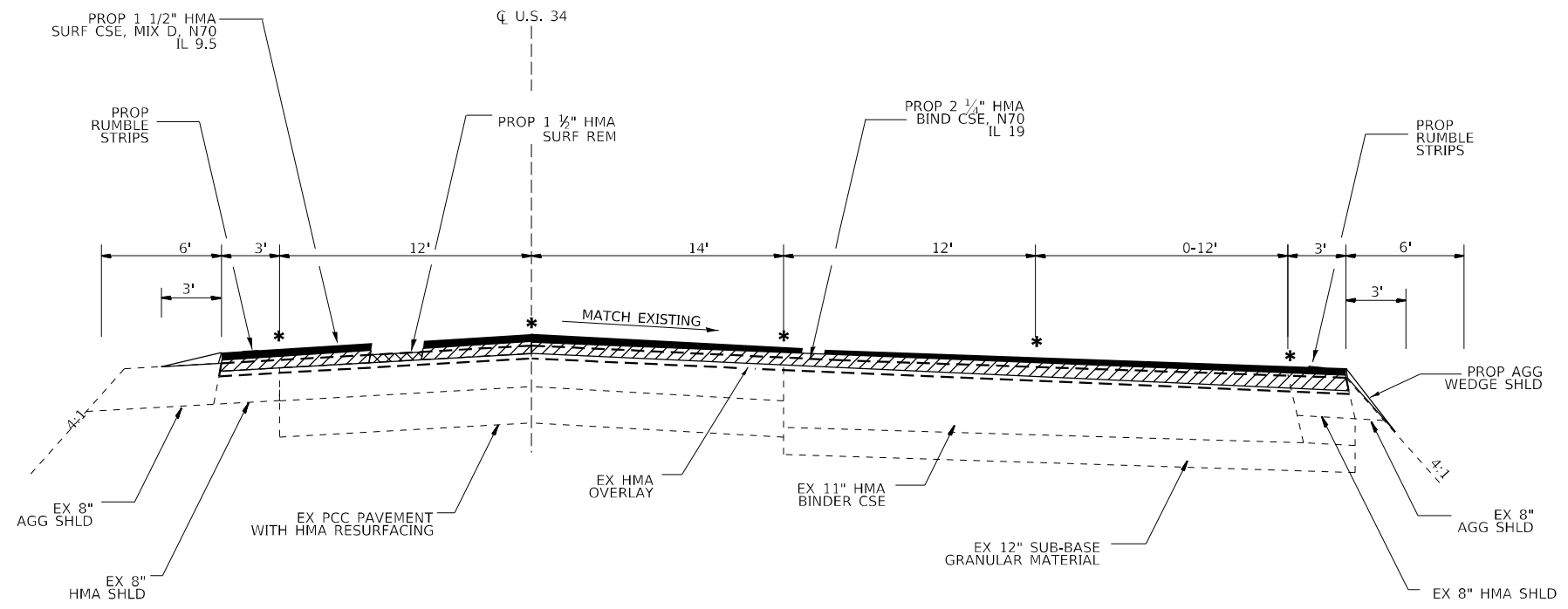
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PLOT DATE = 4/22/2022	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 66L58		ILLINOIS FED. AID PROJECT		
	DATE -	REVISED -										





**TYPICAL SECTION 3**  
STA. 351+58 to STA. 358+24



**TYPICAL SECTION 4**  
STA 358+24 to STA 363+56  
TAPER 362+66 TO 363+56

**\* LONGITUDINAL JOINT SEALANT**  
NOTE: LONGITUDINAL JOINT SEALANT IS PLACED ON THE TOP OF THE BINDER COURSE JOINTS/UNDERNEATH THE SURFACE COURSE. FINAL LOCATION OF LONGITUDINAL JOINT SEALANT TO BE DETERMINED BY THE ENGINEER.

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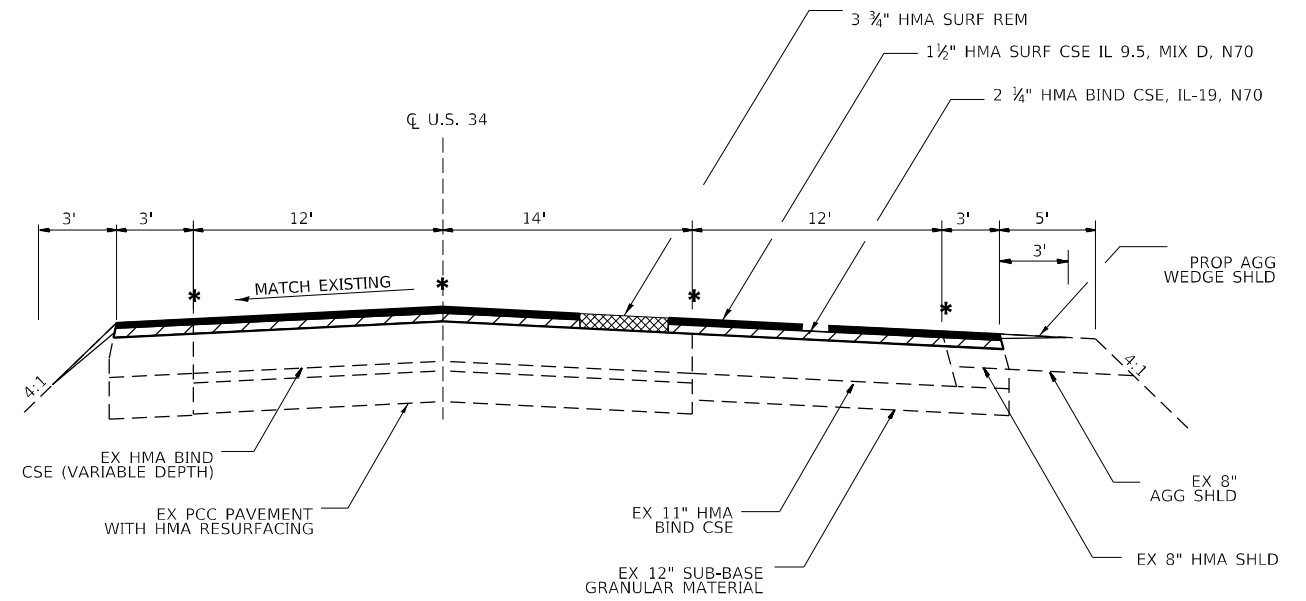
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

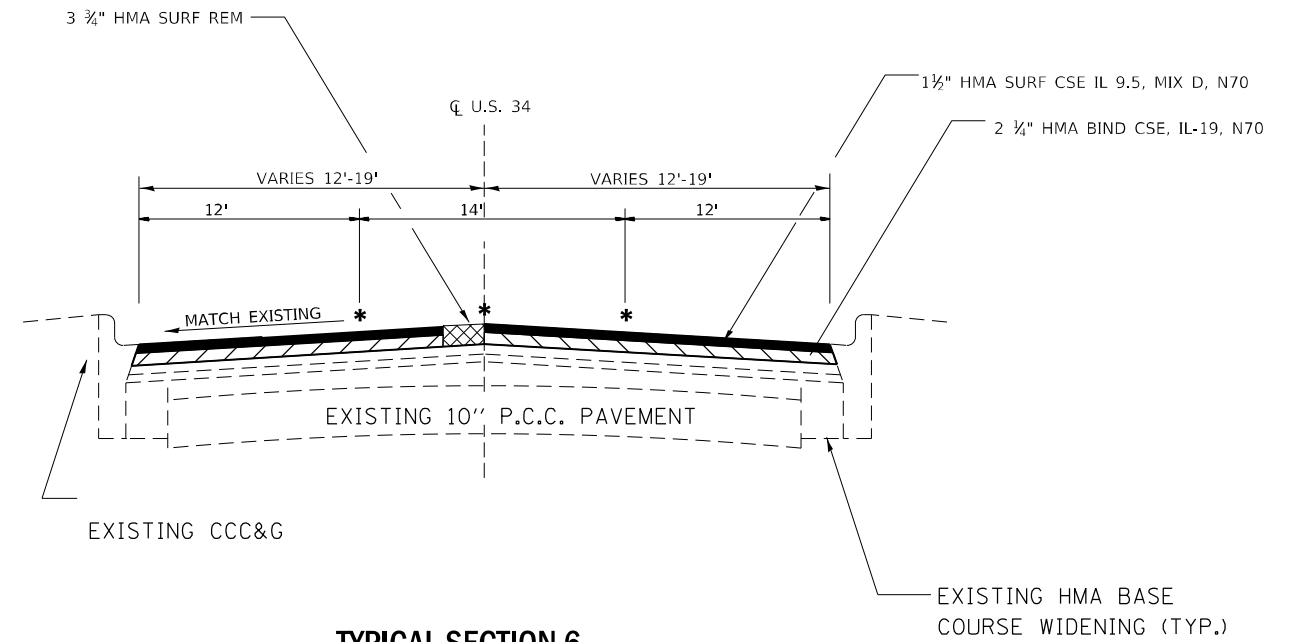
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6.5W	DEK, KEN	118	14
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				





**TYPICAL SECTION 5**

STA. 363+56 to 367+18



**TYPICAL SECTION 6**

STA. 367+18 to 378+40

**\* LONGITUDINAL JOINT SEALANT**

NOTE: LONGITUDINAL JOINT SEALANT IS PLACED ON THE TOP OF THE BINDER COURSE JOINTS/UNDERNEATH THE SURFACE COURSE. FINAL LOCATION OF LONGITUDINAL JOINT SEALANT TO BE DETERMINED BY THE ENGINEER.

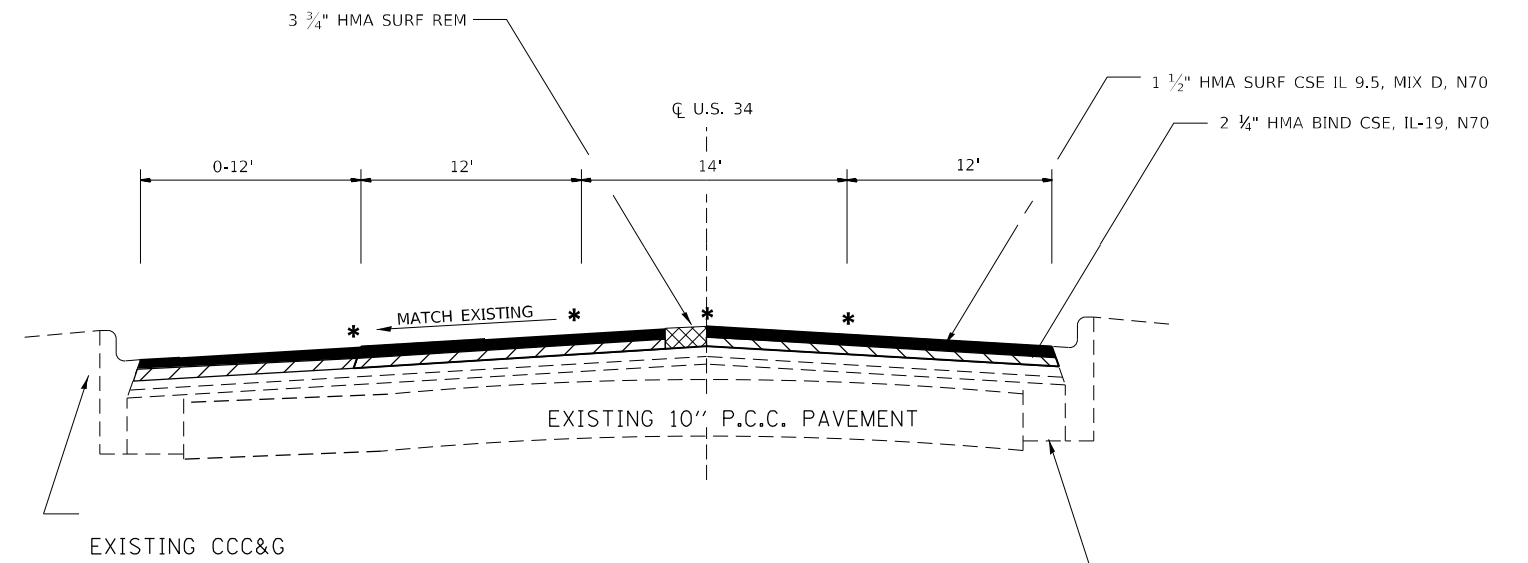
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

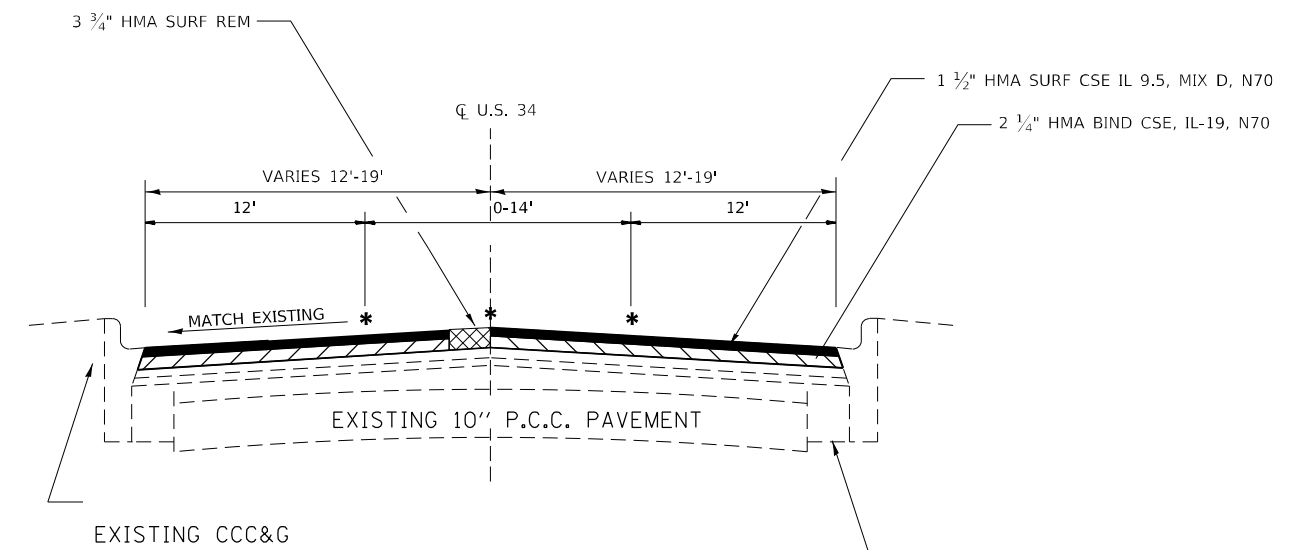
TYPICAL SECTIONS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

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CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION 7**

STA. 378+40 to 384+87



**TYPICAL SECTION 8**

STA. 384+87 to 391+37  
STA 428+00 TO 443+00

**\* LONGITUDINAL JOINT SEALANT**

NOTE: LONGITUDINAL JOINT SEALANT IS PLACED ON THE TOP OF THE BINDER COURSE UNDERNEATH THE SURFACE COURSE. FINAL LOCATION OF LONGITUDINAL JOINT SEALANT TO BE DETERMINED BY THE ENGINEER.

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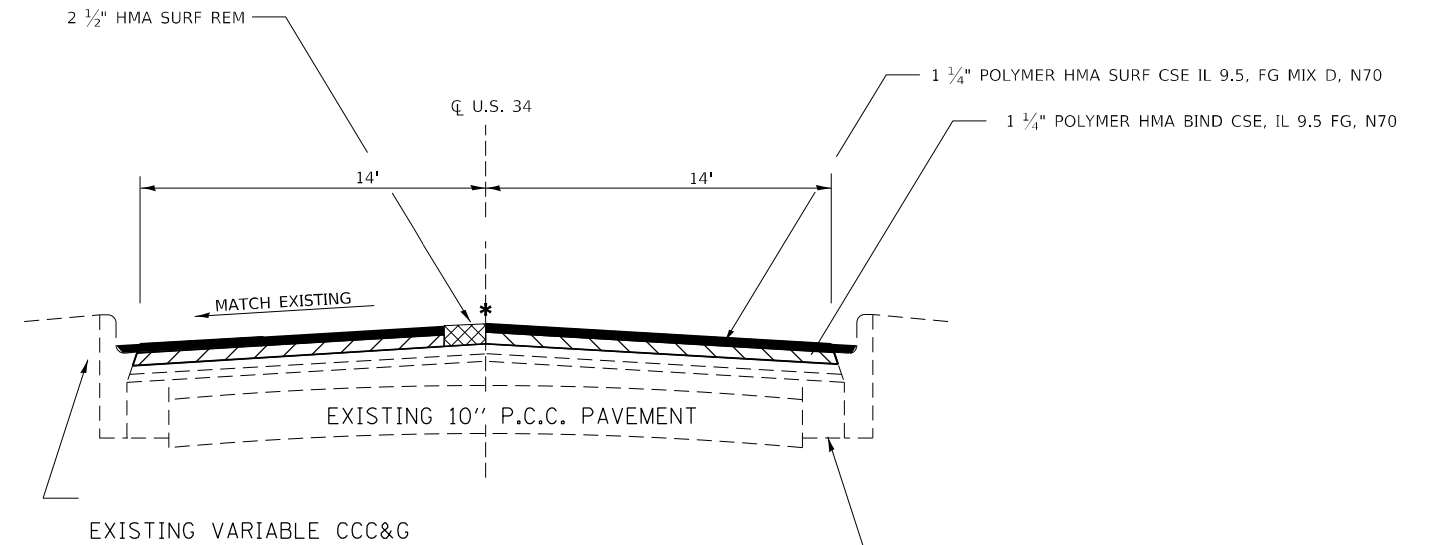
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

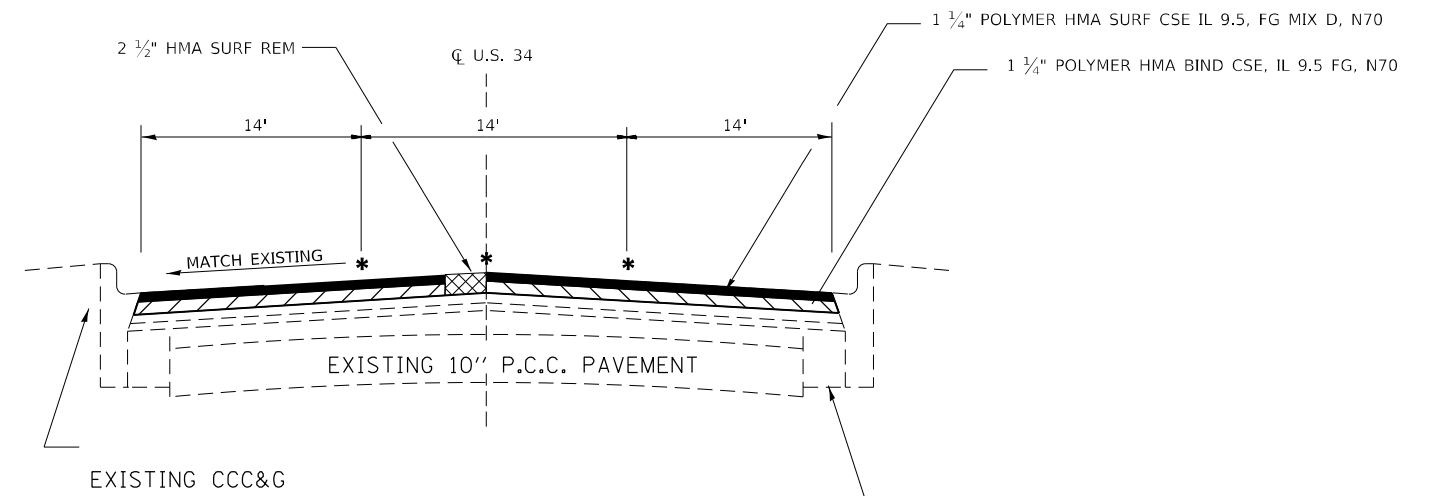
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK, KEN	118	16
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION 9**

STA. 391+37 TO 403+17  
 STA 419+90 TO STA 428+00



**TYPICAL SECTION 10**

STA. 403+17 TO 419+90

**\* LONGITUDINAL JOINT SEALANT**

NOTE: LONGITUDINAL JOINT SEALANT IS PLACED ON THE TOP OF THE BINDER COURSE JOINTS/UNDERNEATH THE SURFACE COURSE. FINAL LOCATION OF LONGITUDINAL JOINT SEALANT TO BE DETERMINED BY THE ENGINEER.

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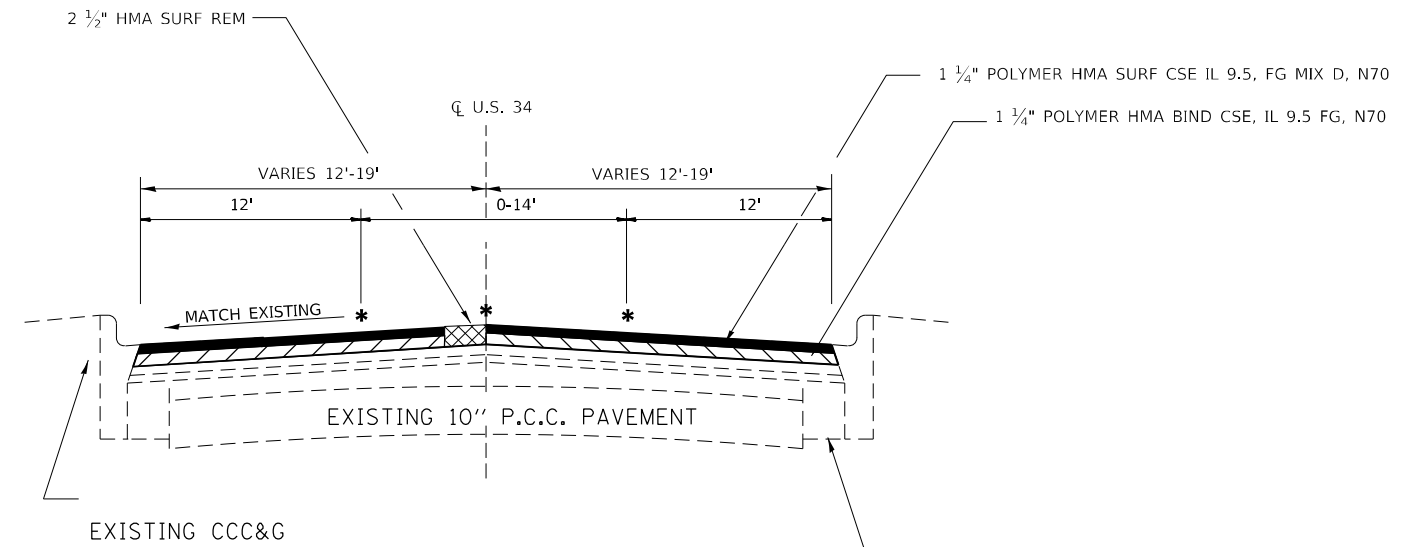
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

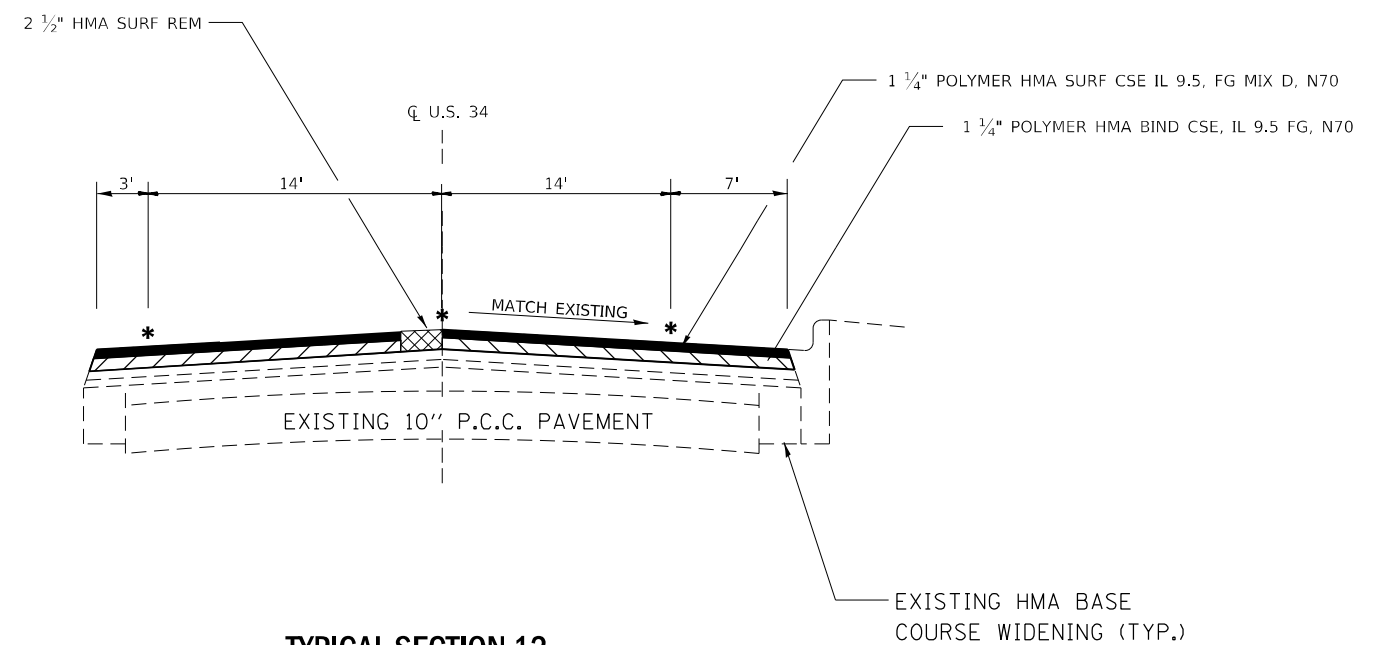
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK, KEN	118	17
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION 11**

STA. 384+87 TO 391+37  
STA 428+00 TO 443+00



**TYPICAL SECTION 12**

STA. 443+00 TO 446+33

**\* LONGITUDINAL JOINT SEALANT**

NOTE: LONGITUDINAL JOINT SEALANT IS PLACED ON THE TOP OF THE BINDER COURSE JOINTS/UNDERNEATH THE SURFACE COURSE. FINAL LOCATION OF LONGITUDINAL JOINT SEALANT TO BE DETERMINED BY THE ENGINEER.

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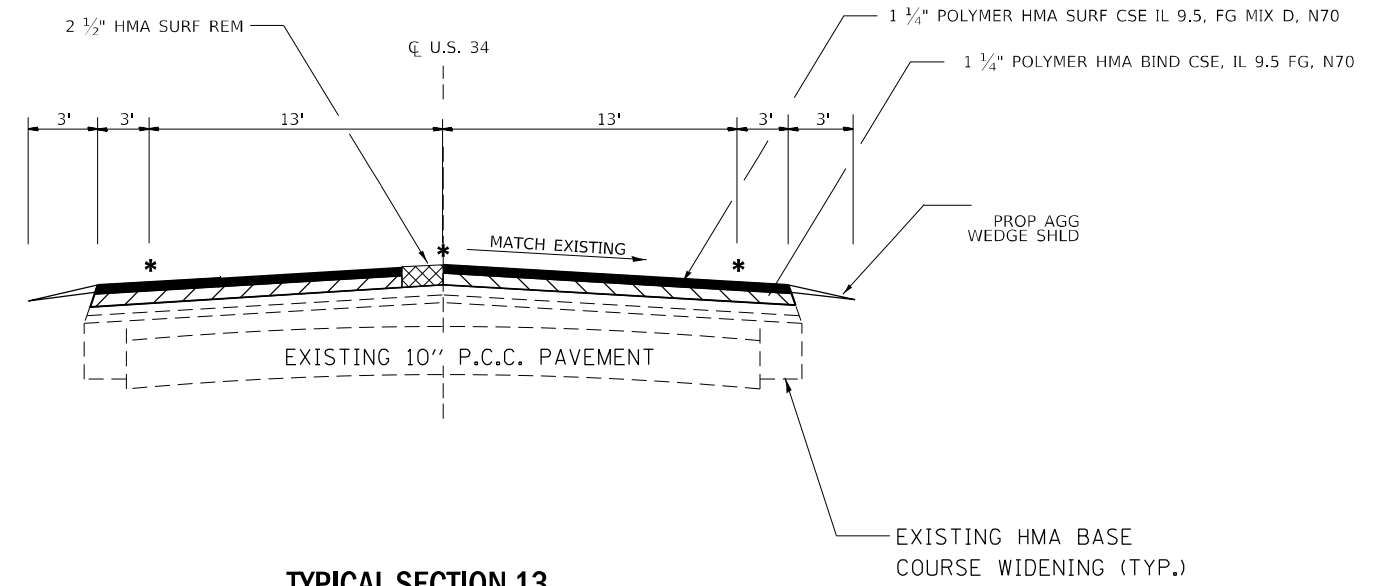
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

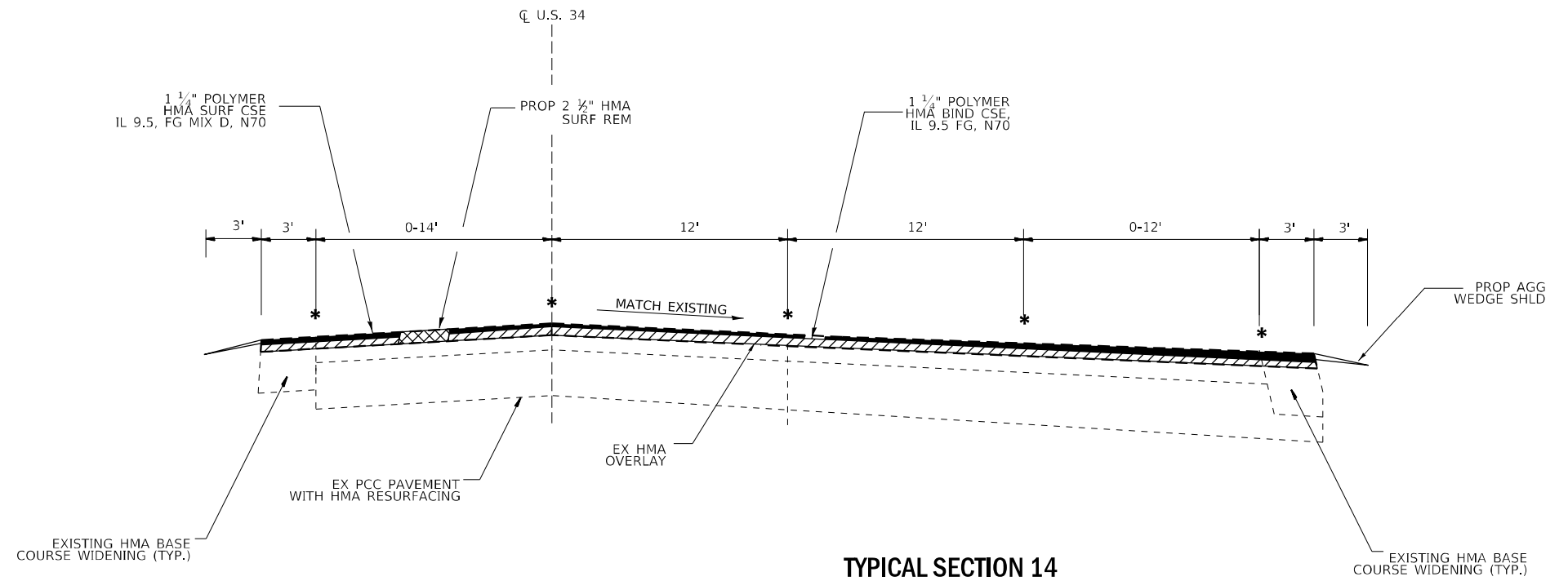
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK, KEN	118	18
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION 13**

STA. 446+33 TO 464+40  
 INTERMITTENT CURB ON RIGHT SIDE  
 STA 492+15 TO 508+71



**TYPICAL SECTION 14**

STA. 464+40 TO 475+00

**\* L LONGITUDINAL JOINT SEALANT**

NOTE: LONGITUDINAL JOINT SEALANT IS PLACED ON THE TOP OF THE BINDER COURSE JOINTS/UNDERNEATH THE SURFACE COURSE. FINAL LOCATION OF LONGITUDINAL JOINT SEALANT TO BE DETERMINED BY THE ENGINEER.

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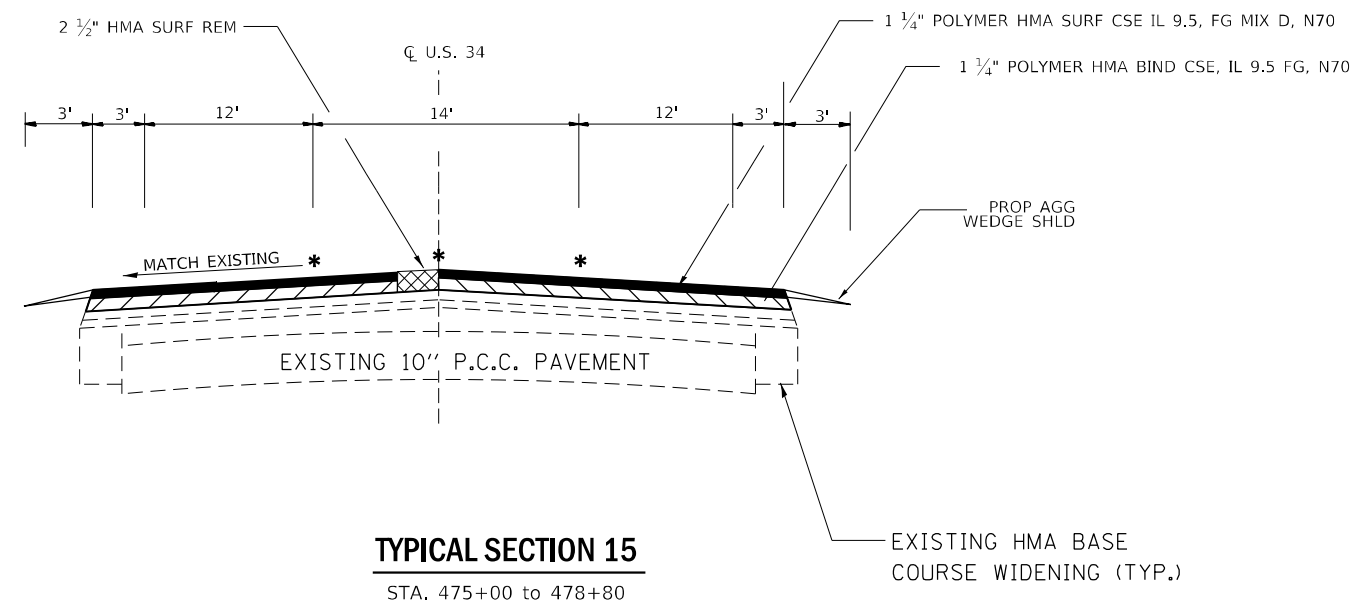
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

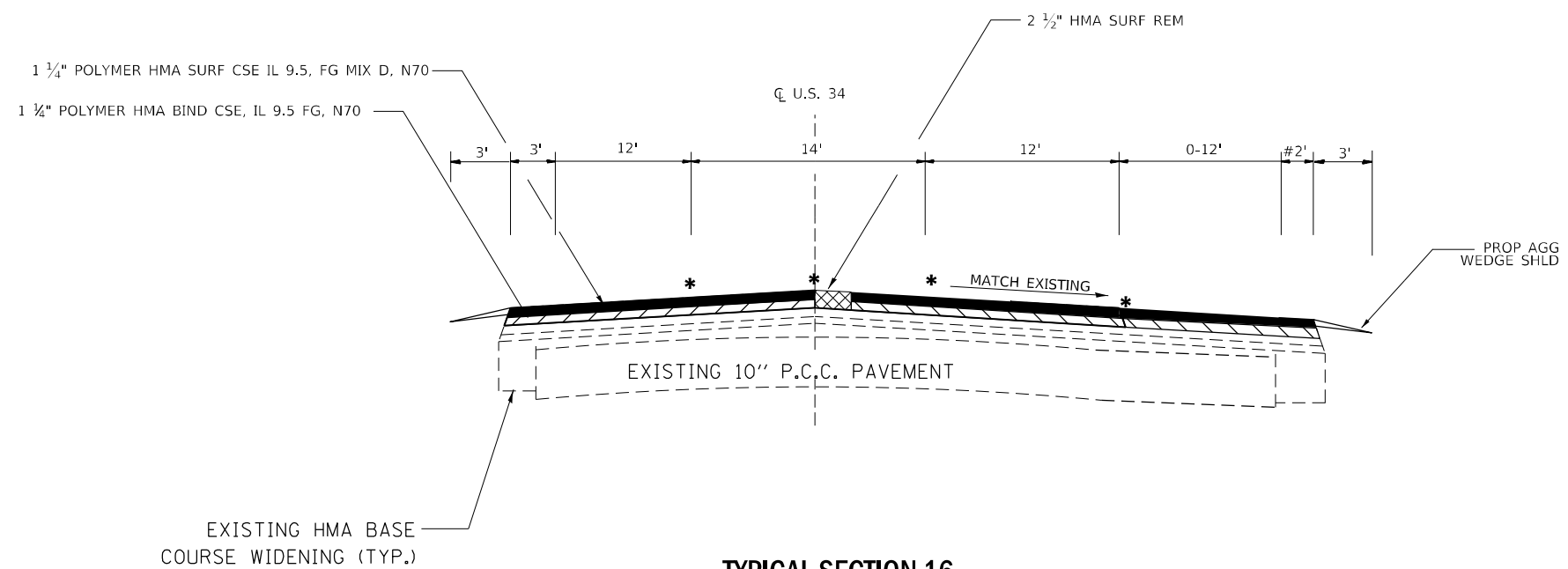
**TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK, KEN	118	19
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION 15**  
STA. 475+00 to 478+80



**TYPICAL SECTION 16**  
STA. 478+80 to 486+50  
#INTERMITTENT EX CURB & GUTTER

**\* LONGITUDINAL JOINT SEALANT**

NOTE: LONGITUDINAL JOINT SEALANT IS PLACED ON THE TOP OF THE BINDER COURSE JOINTS/UNDERNEATH THE SURFACE COURSE. FINAL LOCATION OF LONGITUDINAL JOINT SEALANT TO BE DETERMINED BY THE ENGINEER.

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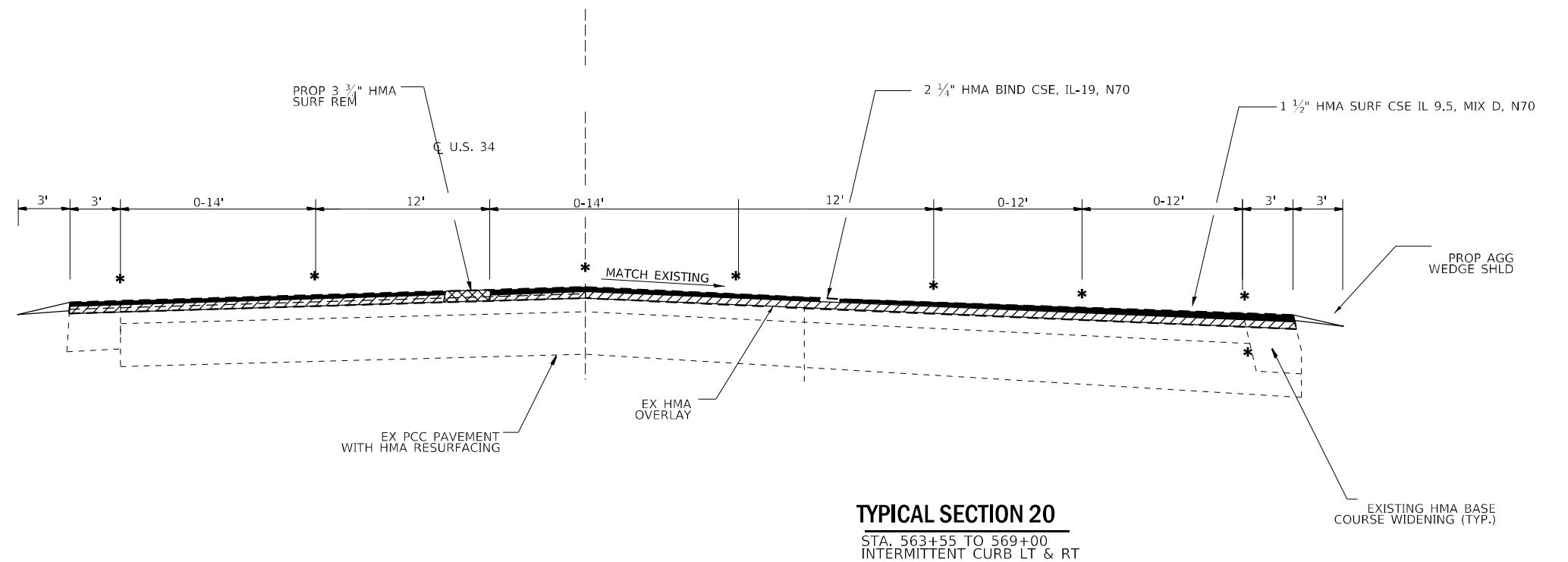
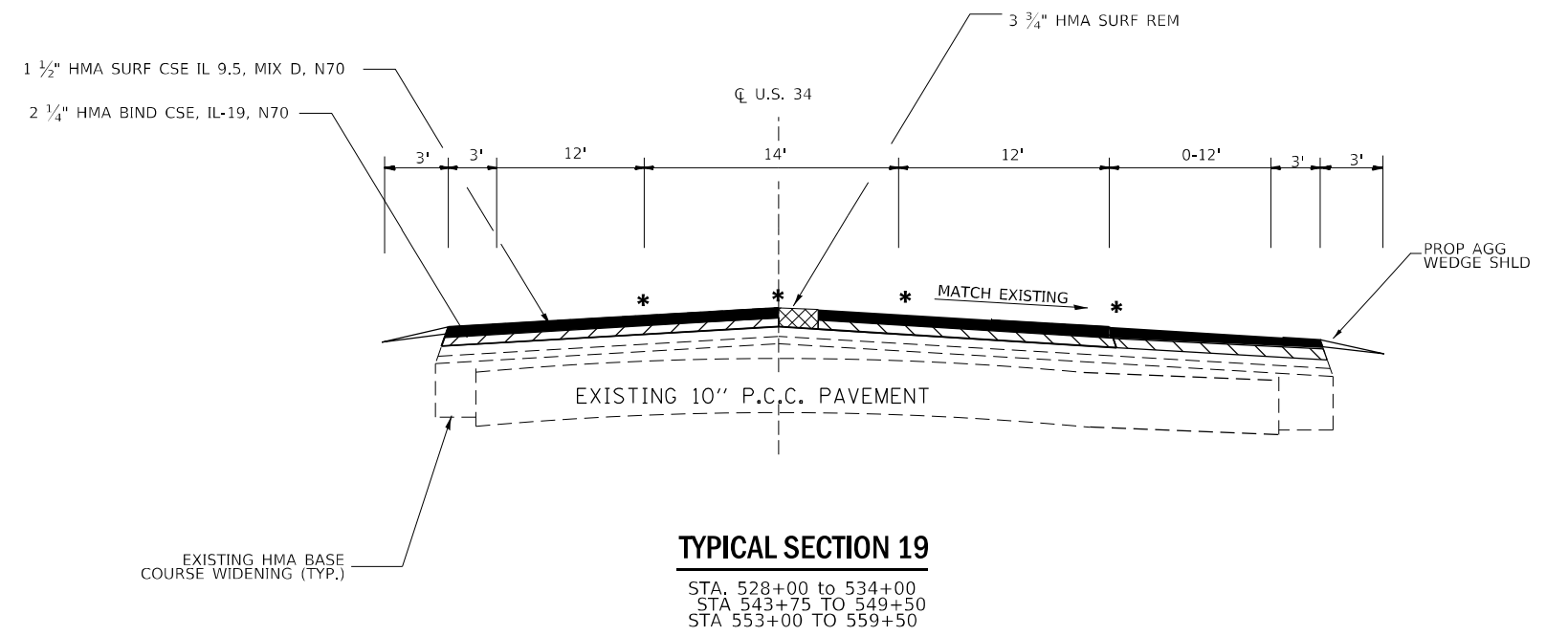
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK, KEN	118	20
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				





**\* LONGITUDINAL JOINT SEALANT**

NOTE: LONGITUDINAL JOINT SEALANT IS PLACED ON THE TOP OF THE BINDER COURSE JOINTS/UNDERNEATH THE SURFACE COURSE. FINAL LOCATION OF LONGITUDINAL JOINT SEALANT TO BE DETERMINED BY THE ENGINEER.

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	DRAWN - CNOLASCO	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2022	DATE - 12/30/21	REVISED -

**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.
591	(15A,15R)RS-6,5W	DEK, KEN	118	22
CONTRACT NO. 66L58			ILLINOIS FED. AID PROJECT	



PERMANENT SURVEY MARKERS					
MONUMENT NUMBER	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORDED TO BE RECORDED	RESPONSIBILITY
N/A	NO PERMANENT SURVEY MARKERS OR OTHER MARKERS WERE FOUND WHICH NEED TO BE RESET ON THIS JOB.	N/A	N/A	N/A	N/A
<p>ONLY THE ORIGINAL SCOPE OF THIS JOB HAS BEEN SEARCHED FOR MONUMENTS. R.E. MUST INFORM PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS PRIOR TO MILLING IF ADDENDUMS HAVE BEEN ADDED TO THIS JOB.</p> <p>NO KNOWN LAND SURVEY OR CENTERLINE CONTROL MONUMENTS ARE ON THE ROAD SURFACE THAT WILL BE DISTURBED BY THE RESURFACING.</p> <p>UNKNOWN MONUMENTS MAY EXIST. IF AN UNLISTED MONUMENT IS FOUND, R.E. IS REQUIRED TO PROTECT THE MONUMENT FROM DAMAGE UNTIL A PLATS AND PLANS LAND SURVEYOR CAN DOCUMENT THE MONUMENT. PLATS AND PLANS WILL RESET SUCH MONUMENTS IN KIND FOLLOWING CONSTRUCTION.</p> <p>NO MONUMENT RECORDS ARE REQUIRED FOR THIS JOB.</p>					

EXIST. CURVE EXCL\_34\_3  
 PI STA. = 367+93.55  
 $\Delta = 4^{\circ} 02' 22''$  (RT)  
 D = 0° 23' 51"  
 R = 14,410.06'  
 T = 508.19'  
 L = 1,015.97'  
 E = 8.96'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 362+85.36  
 P.T. STA. = 373+01.33

EXIST. CURVE EXCL\_34\_6  
 PI STA. = 379+97.81  
 $\Delta = 4^{\circ} 32' 38''$  (LT)  
 D = 0° 24' 51"  
 R = 13,833.38'  
 T = 548.81'  
 L = 1,097.04'  
 E = 10.88'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 374+49.00  
 P.T. STA. = 385+46.04

EXIST. CURVE EXCL\_34\_9  
 PI STA. = 395+99.47  
 $\Delta = 13^{\circ} 18' 41''$  (RT)  
 D = 6° 48' 13"  
 R = 842.12'  
 T = 98.27'  
 L = 195.65'  
 E = 5.71'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 395+01.21  
 P.T. STA. = 396+96.85

EXIST. CURVE EXCL\_34\_12  
 PI STA. = 410+04.38  
 $\Delta = 7^{\circ} 23' 28''$  (LT)  
 D = 4° 30' 55"  
 R = 1,268.90'  
 T = 81.96'  
 L = 163.69'  
 E = 2.64'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 409+22.42  
 P.T. STA. = 410+86.11

EXIST. CURVE EXCL\_34\_15  
 PI STA. = 435+17.72  
 $\Delta = 7^{\circ} 53' 20''$  (RT)  
 D = 3° 58' 57"  
 R = 1,438.65'  
 T = 99.20'  
 L = 198.08'  
 E = 3.42'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 434+18.52  
 P.T. STA. = 436+16.61

EXIST. CURVE EXCL\_34\_18  
 PI STA. = 449+25.93  
 $\Delta = 33^{\circ} 13' 58''$  (LT)  
 D = 2° 45' 29"  
 R = 2,077.49'  
 T = 619.97'  
 L = 1,204.99'  
 E = 90.53'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 443+05.95  
 P.T. STA. = 455+10.94

EXIST. CURVE EXCL\_34\_21  
 PI STA. = 462+17.23  
 $\Delta = 25^{\circ} 28' 22''$  (RT)  
 D = 2° 51' 24"  
 R = 2,005.78'  
 T = 453.36'  
 L = 891.74'  
 E = 50.60'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 457+63.86  
 P.T. STA. = 466+55.61

EXIST. CURVE EXCL\_34\_24  
 PI STA. = 504+89.44  
 $\Delta = 11^{\circ} 21' 59''$  (LT)  
 D = 0° 30' 06"  
 R = 11,422.68'  
 T = 1,136.74'  
 L = 2,266.03'  
 E = 56.42'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 493+52.69  
 P.T. STA. = 516+18.72

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
pw:\idol-pw.berkeley.com\PWIDOT\Documents\IDOT Office\District 3\Projects\D366L58\CADData\D366L58-sh-L-PSM & line.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 100,0000 / 1 in.	CHECKED -	REVISED -
	PLOT DATE = 3/24/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

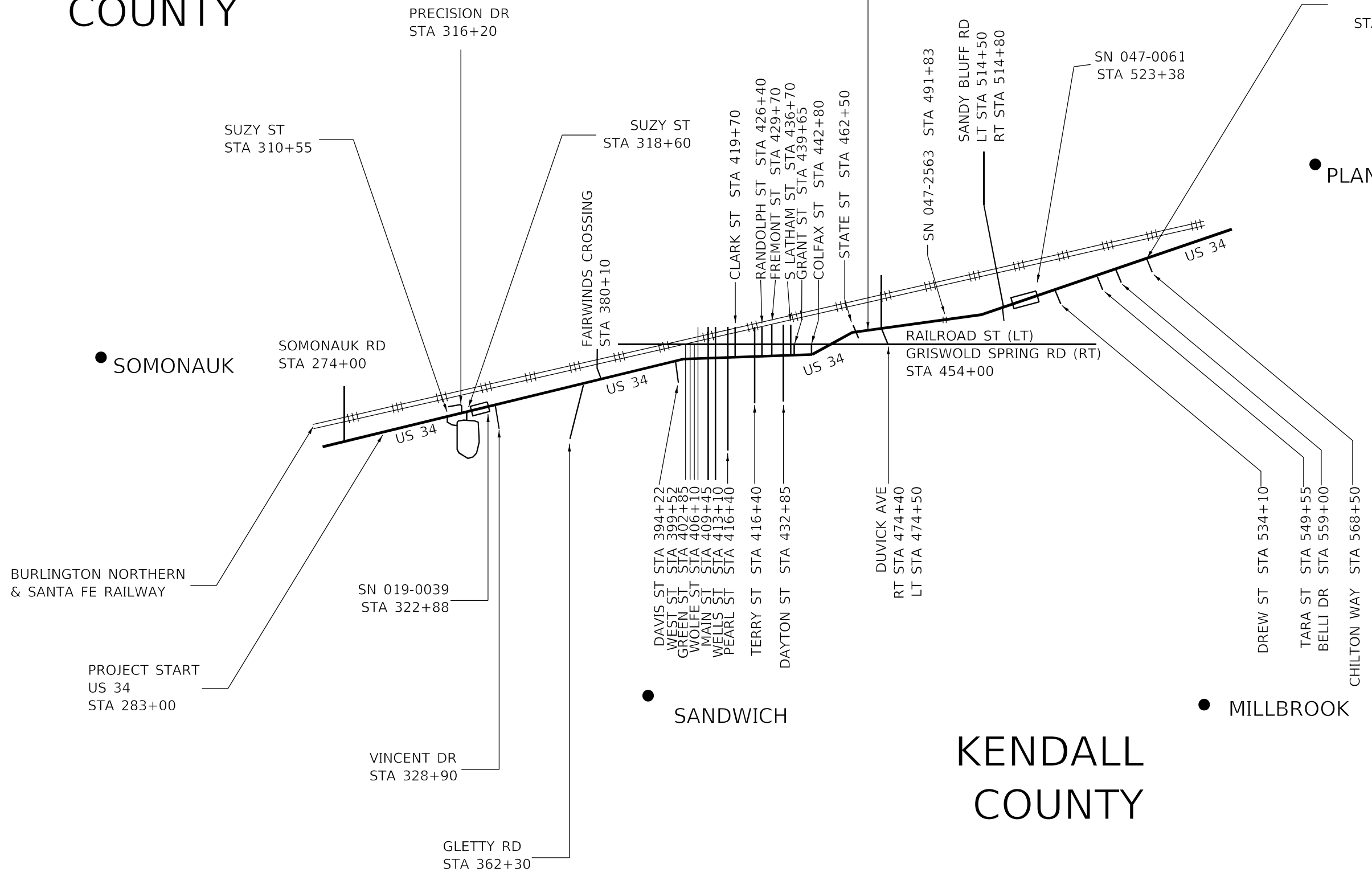
PEMANENT SURVEY MARKER TABLE & CURVE DATA			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,SW	*	118	23
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				

# DEKALB COUNTY



PROJECT END  
US 34  
STA 569+00



● SOMONAUK

● PLANO

● SANDWICH

● MILLBROOK

# KENDALL COUNTY

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LINE DIAGRAM</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
pw:\illdot\pw\berkeley.com\PWIDOT\Documents\IDOT Office\District 3\Projects\D366L58\CADData\D366L58-sh-L-PSM & line.dwg		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	591	(15A,15R)RS-6,SW	118	24
Default		DATE -	REVISED -		CONTRACT NO. 66L58									
					ILLINOIS FED. AID PROJECT									

\* DEKALB & KENDALL

**MAINLINE & SHOULDER WIDENING SCHEDULE**

LOCATION	LENGTH	WIDTH	RESURF AREA	HMA SURF REM 1-1/2"	HMA SURF REM 2-1/2"	HMA SURF REM 3-3/4"	POLYMER HMA SURF CSE IL-9.5 FG MIX D N70 1-1/4"	POLYMER HMA BIND CSE IL-9.5 FG N70 1-1/4"	HMA SURF CSE IL 9.5 MIX D, N70 1-1/2"	HMA BIND CSE IL-19, N70 2-1/4"	MATL TRANS DEVICE	BIT MATL (TACK COAT)	MIXTURE CRACKS JTS & FLANGEWYS	HMA BINDER CSE (HM) N70	LONG JOINT SEAL	TEMP RAMP	AGG WEDGE SHLD TY B	SHOULDER RUMBLE STRIPS, 8"	SHOULDER REM (SPECIAL)	HMA SHOULDERS 8"
STATION	FOOT	FOOT	SQ FT	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	POUND	TON	TON	FOOT	SQ YD	TON	FT	SQ YD	SQ YD
<b>COVD DEKALB COUNTY</b>																				
STA 283+00 TO STA 320+90 *	3790	26	98540	10949					920	1380	2300	7391	3.3	5.5	3790	14	468	7580	2527	2527
STA 320+90 TO STA 322+05	115	32	3680	409					34	52	86	276	0.1	0.2	345	18	14	230		
STA 322+05 TO STA 323+71	166	32																		
SN 019-0039 BRIDGE OMISSION																				
STA 323+71 TO STA 325+16	145	32	4640	516					43	65	108	348	0.2	0.3	435	18	18	290		
STA 325+16 TO STA 351+86	2670	26	69420	7713					648	972	1620	5207	2.3	3.9	2670		330	5340	1780	1780
STA 351+86 TO STA 358+24	638	37	23606	2623					220	330	550	1770	0.8	1.3	2552		79	1276		
STA 358+24 TO STA 363+56 *	532	50	26600	2956					248	372	620	1995	0.9	1.5	2660		66	1064		
STA 363+56 TO STA 367+00	344	44	15136			1682			141	212	353	1135	0.5	0.8	1376		13			
<b>SUBTOTAL COVD DEKALB COUNTY</b>				25166		1682			2254	3383	5637	18122	8.1	14	13828	50	988	15780	4307	4307
<b>STP URB DEKALB COUNTY</b>																				
STA 367+00 TO STA 367+18	18	44	792			88			7	11	18	59			72					
STA 367+18 TO STA 378+40	1122	38	42636			4737			398	597	995	3198	1.4	2.4	3366					
STA 378+40 TO STA 384+87	647	44	28468			3163			266	399	665	2135	0.9	1.6	2588					
STA 384+87 TO STA 391+37	650	31	20150			2239			188	282	470	1511	0.7	1.1	1950					
STA 391+37 TO STA 403+17	1180	28	33040		3671		257	257			514	2478	1.1	1.8	1180					
STA 403+17 TO STA 419+90	1673	42	70266		7807		546	546			1092	5270	2.3	3.9	5019					
STA 419+90 TO STA 428+00	810	28	22680		2520		176	176			352	1701	0.8	1.3	810					
STA 428+00 TO STA 443+00	1500	38	57000		6333		443	443			886	4275	1.9	3.2	4500					
STA 443+00 TO STA 446+33	333	38	12654		1406		98	98			196	949	0.4	0.7	999					
STA 446+33 TO STA 464+40	1807	32	57824		6425		450	450			900	4337	1.9	3.2	5421		68			
<b>SUBTOTAL STP URB DEKALB COUNTY</b>					28162	10227	1970	1970	859	1289	6088	25913	11.4	19	25905		68			
<b>URBAN KENDALL COUNTY</b>																				
STA 464+40 TO STA 475+00	1060	56	59360		6596		462	462			924	4452	2.0	3.3	4240		40			
STA 475+00 TO STA 478+80	380	44	16720		1858		130	130			260	1254	0.6	0.9	1140		14			
STA 478+80 TO STA 486+50	770	55	42350		4706		329	329			658	3176	1.4	2.4	3080		29			
STA 486+50 TO STA 492+15	565	44	24860		2762		193	193			386	1865	0.8	1.4	1695		21			
STA 492+15 TO STA 508+71	1656	32	52992		5888		412	412			824	3974	1.8	2.9	4968		63			
STA 508+71 TO STA 522+37	1366	44	60104			6678			561	841	1402	4508	2.0	3.3	4098	61	52			
STA 522+37 TO STA 524+39	202	28																		
SN 047-006: BRIDGE OMISSION																				
STA 524+39 TO STA 528+00	361	44	15884			1765			148	222	370	1191	0.5	0.9	1083	61	14			
STA 528+00 TO STA 534+00	600	56	33600			3733			314	470	784	2520	1.1	1.9	2400		23			
STA 534+00 TO STA 543+75	975	44	42900			4767			400	601	1001	3218	1.4	2.4	2925		37			
STA 543+75 TO STA 549+50	575	56	32200			3578			301	451	752	2415	1.1	1.8	2300		22			
STA 549+50 TO STA 553+00	350	44	15400			1711			144	216	360	1155	0.5	0.9	1050		13			
STA 553+00 TO STA 559+50	650	56	36400			4044			340	510	850	2730	1.2	2.0	2600		25			
STA 559+50 TO STA 563+55	405	44	17820			1980			166	249	415	1337	0.6	1.0	1215		15			
STA 563+55 TO STA 569+00	545	82	44690			4966			417	626	1043	3352	1.5	2.5	3270	114	21			
<b>SUBTOTAL URBAN KENDALL COUNTY</b>					21810	33222	1526	1526	2791	4186	10029	37147	16.5	28	36064	236	389			
<b>TOTAL</b>				25166	49972	45131	3496	3496	5904	8858	21754	81182	36.0	61	75797	286	1445	15780	4307	4307

\*SEE TAPER DETAILS

MODEL: Default  
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PROJECT: D:\Projects\DOT\Office\DOT\Documents\DOT\Office\DOT\Mainline\_Schedule.ppt

USER NAME = Crissbj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A, 15R)RS-6, SW	DEK, KEN	118	25
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				

ENTRANCE SCHEDULE								
LOCATION	SIDE	TYPE	MAT'L	WIDTH	AREA	HMA SURF REMOVAL VARIABLE DEPTH	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HMA SURFACING
				FT	SQ FT	SQ YD	POUND	TON
COVD DEKALB COUNTY								
STA 332+65	RT	CE	HMA	48	480	53	24	4
STA 338+07	RT	CE	HMA	48	480	53	24	4
STA 348+90	RT	CE	HMA	55	550	61	28	5
STA 351+40	RT	CE	HMA	33	330	37	17	3
STA 355+60	RT	CE/MBTO	HMA	70	700	78	35	7
STA 366+60	RT	CE/MBTO	HMA	72	720	80	36	12
SUBTOTAL COVD DEKALB COUNTY					3260	362	164	35
STP URB DEKALB COUNTY								
STA 396+50	RT	PE	HMA	14	140	16	7	2
STA 401+10	LT	PE	HMA	12	120	13	6	2
STA 401+25	RT	PE	HMA	15	150	17	8	2
STA 420+75	LT	CE	HMA	38	380	42	19	5
STA 427+45	RT	CE	HMA	47	470	52	24	7
STA 433+60	RT	CE	HMA	21	210	23	11	3
STA 441+80	LT	PE	HMA	16	160	18	8	2
STA 443+70	RT	CE	HMA	41	410	46	21	6
STA 443+90	LT	PE	HMA	25	250	28	13	4
STA 444+60	RT	CE	HMA	40	400	44	20	6
STA 445+35	RT	CE	HMA	35	350	39	18	5
STA 446+00	RT	CE	HMA	38	380	42	19	5
STA 446+15	LT	CE	HMA	50	500	56	25	7
STA 446+75	LT	CE	HMA	41	410	46	21	6
STA 449+25	RT	CE	HMA	88	880	98	44	13
STA 449+70	LT	CE	HMA	41	410	46	21	6
STA 454+70	LT	CE	HMA	58	580	64	29	8
STA 459+00	RT	CE	HMA	40	400	44	20	6
STA 460+10	RT	CE	HMA	43	430	48	22	6
STA 462+75	RT	CE	HMA	41	410	46	21	6
SUBTOTAL STP URB DEKALB COUNTY					7440	828	377	107
URBAN KENDALL COUNTY								
STA 482+00	RT	CE	HMA	106	1060	118	53	15
STA 495+45	RT	CE	HMA	51	510	57	26	7
STA 496+40	RT	CE	HMA	77	770	86	39	11
STA 500+55	RT	FE	HMA	58	580	64	29	8
STA 505+30	RT	CE	HMA	78	780	87	39	11
STA 508+71	RT	CE	HMA	72	720	80	36	10
STA 511+55	RT	CE	HMA	48	480	53	24	8
STA 516+80	RT	CE	HMA	59	590	66	30	10
SUBTOTAL URBAN KENDALL COUNTY					4900	611	276	80
TOTAL						1801	817	222

SIDE ROAD SCHEDULE										
LOCATION	SIDE	STATION	LENGTH	WIDTH	RESURF AREA	HMA SURF REMOVAL VARIABLE DEPTH	BITUMINOUS MATERIAL (TACK COAT)	INCIDENTAL HMA SURFACING	TEMP RAMP	FURNISHED EXCAVATION
			FT	FT	SQ FT	SQ YD	POUND	TON	SQ YD	CU YD
COVD DEKALB COUNTY										
SUZY ST	RT	310+55	20	49	980	109	49	9	27	0.8
PRECISION DR	LT	316+20	20	36	720	80	36	7	20	0.8
SUZY ST	RT	318+60	20	41	820	91	41	8	23	0.8
VINCENT DR	RT	328+90	20	78	1560	173	78	15	43	0.8
GLETTY RD	RT	362+30	130	140	18200	2022	910	170	78	6.2
SUBTOTAL COVD DEKALB COUNTY						2475	1114	209	191	10
STP URB DEKALB COUNTY										
FAIRWINDS CROSSING	LT	380+10	20	115	2300	256	115	33	64	
DAVIS ST	RT	394+22	20	38	760	84	38	11	21	
WEST ST	LT	399+52	20	39	780	87	39	11	22	
WEST ST	RT	399+52	20	51	1020	113	51	15	28	
GREEN ST	LT	402+85	20	46	920	102	46	13	26	
GREEN ST	RT	402+85	20	40	800	89	40	12	22	
WOLFE ST	LT	406+10	20	36	720	80	36	10	20	
WOLFE ST	RT	406+10	20	66	1320	147	66	19	37	
MAIN ST	LT	409+45	93	68	6324	703	316	92	38	
MAIN ST	RT	409+45	84	64	5376	597	269	78	36	
WELLS ST	LT	413+10	20	56	1120	124	56	16	31	
WELLS ST	RT	413+10	20	36	720	80	36	10	20	
PEARL ST	LT	416+40	20	66	1320	147	66	19	37	
PEARL ST	RT	416+40	20	63	1260	140	63	18	35	
CLARK ST	LT	419+70	20	42	840	93	42	12	23	
TERRY ST	LT	423+05	20	42	840	93	42	12	23	
TERRY ST	RT	423+05	20	42	840	93	42	12	23	
RANDOLPH ST	LT	426+40	20	36	720	80	36	10	20	
FREMONT ST	LT	429+70	20	42	840	93	42	12	23	
DAYTON ST	LT	432+85	20	44	880	98	44	13	24	
DAYTON ST	RT	432+85	20	46	920	102	46	13	26	
S LATHAM ST	LT	436+70	52	112	5824	647	291	84	62	
GRANT ST	LT	439+65	20	39	780	87	39	11	22	
COLFAX ST	LT	442+80	20	35	700	78	35	10	19	
RAILROAD ST	LT	454+00	20	71	1420	158	71	21	39	0.8
GRISWOLD SPRINGS RD	RT	454+00	20	75	1500	167	75	22	42	0.8
STATE ST	LT	462+50	20	71	1420	158	71	21	39	0.8
SUBTOTAL STP URB DEKALB COUNTY						4696	2113	610	822	5
URBAN KENDALL COUNTY STA 464+40										
DUVICK	RT	470+40	63	100	6300	700	315	91	56	2.9
DUVICK	LT	470+50	50	90	4500	500	225	65	50	2.3
INDIAN SPRINGS	RT	486+00	20	87	1740	193	87	25	48	
SANDY BLUFF RD	RT	514+50	20	77	1540	171	77	26	43	0.8
SANDY BLUFF RD	LT	514+80	20	73	1460	162	73	25	41	0.8
DREW ST	RT	534+10	69	106	7314	813	366	125	59	3.2
TARA ST	RT	549+55	20	105	2100	233	105	36	58	0.8
BELLI DR	RT	559+00	20	72	1440	160	72	25	40	0.8
CHILTON WAY	RT	568+50	20	89	1780	198	89	30	49	0.8
SUBTOTAL URBAN KENDALL COUNTY						3130	1409	448	444	15
TOTAL						10301	4636	1267	1457	30

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USER NAME = Crissbj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A, 15R)RS-6, SW	DEK, KEN	118	26
CONTRACT NO. 66L58				
ILLINOIS		FED. AID PROJECT		

PAVEMENT MARKINGS																										
LOCATION	COMMENT	LENGTH FOOT	MOD URETH PM (2 APPLICATIONS)			THERMOPLASTIC PM								PREFORMED PLASTIC	POLYUREA PM T1			GROOVING FOR RECESSED PM				RAISED	RAISED			
			LINE 4"		LINE 6"	LINE 4"		LINE 6"		LINE 8"	LINE 12"		LTR &	LINE 4"		LINE 12"	5"	7"	9"	25"	LTR &	REF	REF PM			
			WHITE	YELLOW	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE	YELLOW	SYM	WHITE	YELLOW	YELLOW	FOOT	FOOT	FOOT	FOOT	SYM	PM	REM			
STATION			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT				
COVD DEKALB COUNTY																										
STA 283+00	TO STA 287+95	NO WB PASS	495	1980	990	248															6	6				
STA 287+95	TO STA 299+81	PASS	1186	4744		594															15	15				
STA 299+81	TO STA 307+76	NO EB PASS	795	3180	1590	398															10	10				
STA 307+76	TO STA 309+20	PASS	144	576		72															2	2				
STA 309+20	TO STA 319+10	NO WB PASS	990	3960	1980	496															12	12				
STA 319+10	TO STA 320+03	PASS	93	372		46															1	1				
STA 320+03	TO STA 320+71	PASS	68	272		34															1	1				
STA 320+71	TO STA 348+08	PASS	2738	10952		1370															34	34				
STA 348+08	TO STA 353+25	NO EB PASS	517				1034	517		129							1551	129			6	6				
STA 353+25	TO STA 367+00	NO PASS	1375				2750	4532		816	249	320	79				7282		816	79	69	69				
SUBTOTAL COVD DEKALB COUNTY				30596		3258	8833		129	816		569	79				8833	129	816	79	156	156				
STP URB DEKALB COUNTY																										
STA 367+00	TO STA 367+47	NO PASS	47			94	188			4		19					282		4		2	2				
STA 367+47	TO STA 391+43	NO PASS	2396			38	7325			300	731	459	106				7363	300	731	91	106	120	120			
STA 391+43	TO STA 403+09	PASS	1166			700		206	302								700	302		42		29	29			
STA 403+09	TO STA 407+09	NO PASS	400			800	934	188	2	141		45	18				1734	2	141	33	18	20	20			
STA 407+09	TO STA 411+09	NO PASS	400			935	808	534	75	142	41	54	35				1743	75	142		35	20	20			
STA 411+09	TO STA 415+09	NO PASS	400			814	476	462	66	139	330		53				1290	66	139		53	20	20			
STA 415+09	TO STA 419+68	NO PASS	459			918	1005			120		49	18				1923		120	101	18	23	23			
STA 419+68	TO STA 428+05	PASS	837			1674		124	211			138					1674	211			21	21				
STA 428+05	TO STA 439+35	NO PASS	1130			2260	2844	159		455	63	63	53				5104		455	96	53	57	57			
STA 439+35	TO STA 452+60	PASS	1325			2650			331								2650	331			33	33				
STA 452+60	TO STA 455+22	NO PASS	262			524	524			217	173		29				1048			217	29	13	13			
STA 455+22	TO STA 464+40	PASS	918			1836				230							1836	230			23	23				
SUBTOTAL URBAN DEKALB COUNTY						27347		3190		1949		1434	312				27347	1517	1949	363	312	381	381			
URBAN KENDALL COUNTY																										
STA 464+40	TO STA 464+69	PASS	29			58			7								58	7			3	3				
STA 464+69	TO STA 497+00	NO PASS	3231			6462	10288	269		1867	132	762	176				16750		1867	227	176	207	207			
STA 497+00	TO STA 508+34	NO EB PASS	1134			2268	1134		284								3402	284			14	14				
STA 508+34	TO STA 522+37	NO PASS	1403			2806	4254		5	310		146	35				7060	5	310	44	35	47	47			
STA 522+37	TO STA 524+39	NO PASS	202														404	652	5			10	10			
STA 524+39	TO STA 569+00	NO PASS	4461			8922	14242		58	2741		944	211				23164	58	2741	236	211	267	267			
SUBTOTAL URBAN KENDALL COUNTY						50434		623		4918		1984	422				1056	5	50434	354	4918	507	422	548	548	
TOTALS				30596		3258	86614		3942	7683		3987	813				870	1056	5	86614	2000	7683	870	813	1085	1085

SHORT TERM PAVEMENT MARKINGS					
LOCATION	COMMENT	LENGTH	SHORT TERM PM	SHORT TERM PM REM	
STATION		FOOT	FOOT	SQ FT	
COVD DEKALB COUNTY					
STA 283+00	TO STA 287+95	NO WB PASS	495	70	23
STA 287+95	TO STA 299+81	PASS	1186	166	55
STA 299+81	TO STA 307+76	NO EB PASS	795	112	37
STA 307+76	TO STA 309+20	PASS	144	20	7
STA 309+20	TO STA 319+10	NO WB PASS	990	139	46
STA 319+10	TO STA 320+03	PASS	93	13	4
STA 320+03	TO STA 320+71	PASS	68	10	3
STA 320+71	TO STA 348+08	PASS	2738	384	128
STA 348+08	TO STA 353+25	NO EB PASS	517	73	24
STA 320+03	TO STA 367+00	NO PASS	4697	658	219
SUBTOTAL COVD DEKALB COUNTY				1645	546
STP URB DEKALB COUNTY					
STA 367+00	TO STA 367+47	NO PASS	47	7	2
STA 367+47	TO STA 391+43	NO PASS	2396	242	81
STA 391+43	TO STA 403+09	PASS	1166	131	44
STA 403+09	TO STA 407+09	NO PASS	400	56	19
STA 407+09	TO STA 411+09	NO PASS	400	61	20
STA 411+09	TO STA 415+09	NO PASS	400	57	19
STA 415+09	TO STA 419+68	NO PASS	459	64	21
STA 419+68	TO STA 428+05	PASS	837	117	39
STA 428+05	TO STA 439+35	NO PASS	1130	158	53
STA 439+35	TO STA 452+60	PASS	1325	186	62
STA 452+60	TO STA 455+22	NO PASS	262	36	12
STA 455+22	TO STA 464+40	PASS	918	129	43
SUBTOTAL STP URB DEKALB COUNTY				1244	415
URBAN KENDALL COUNTY					
STA 464+40	TO STA 464+69	PASS	29	4	1
STA 464+69	TO STA 497+00	NO PASS	3231	452	151
STA 497+00	TO STA 508+34	NO EB PASS	1134	158	53
STA 508+34	TO STA 522+37	NO PASS	1403	196	65
STA 522+37	TO STA 524+39	NO PASS	202	28	9
STA 524+39	TO STA 569+00	NO PASS	4461	624	208
SUBTOTAL URBAN KENDALL COUNTY				1462	487
TOTALS			31923	4351	1448

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	DRAWN -	REVISED -
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PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A, 15R)RS-6, SW	DEK, KEN	118	27
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				





PATCHING SCHEDULE SOMONAUK TO GLETTY						
LOCATION	PATCH LENGTH	PATCH WIDTH	LANE	CLASS D PATCHES		
				TYPE III	TYPE IV	
				16 INCH		
LOG MILE	FOOT	FOOT		SQ YD	SQ YD	
COVD DEKALB COUNTY						
SOMONAUK RD CL = LOG MILE 0.0						
0.1	6	35	EB/WB	23		
0.1	8	35	EB/WB		31	
0.1	8	35	EB/WB		31	
0.2	8	26	EB/WB	23		
0.2	8	26	EB/WB	23		
0.3	6	26	EB/WB	17		
0.3	8	26	EB/WB	23		
0.3	8	26	EB/WB	23		
0.4	8	26	EB/WB	23		
0.4	6	26	EB/WB	17		
0.4	6	26	EB/WB	17		
0.4	8	26	EB/WB	23		
0.4	8	26	EB/WB	23		
0.4	6	26	EB/WB	17		
0.5	8	26	EB/WB	23		
0.6	10	26	EB/WB		29	
0.6	6	26	EB/WB	17		
0.6	6	26	EB/WB	17		
0.6	10	26	EB/WB		29	
0.6	8	26	EB/WB	23		
0.7	8	26	EB/WB	23		
0.8	6	26	EB/WB	17		
0.8	6	26	EB/WB	17		
0.8	8	24	EB/WB	21		
0.9	8	24	EB/WB	21		
0.9	6	26	EB/WB	17		
0.9	8	26	EB/WB	23		
0.9	8	26	EB/WB	23		
1	8	26	EB/WB	23		
1	8	26	EB/WB	23		
1	6	26	EB/WB	17		
1.1	6	26	EB/WB	17		
1.1	8	26	EB/WB	23		
1.1	10	26	EB/WB		29	
1.1	10	26	EB/WB		29	
1.1	6	26	EB/WB	17		
1.1	10	26	EB/WB		29	
1.1	6	26	EB/WB	17		
1.1	6	26	EB/WB	17		
1.2	10	26	EB/WB		29	
1.2	8	26	EB/WB	23		
1.2	12	26	EB/WB		35	
1.3	6	26	EB/WB	17		
1.3	6	26	EB/WB	17		
1.3	10	26	EB/WB		29	
1.3	6	26	EB/WB	17		
1.3	10	26	EB/WB		29	
1.3	8	26	EB/WB	23		
1.3	10	26	EB/WB		29	
1.4	6	26	EB/WB	17		
1.4	6	26	EB/WB	17		
1.4	8	26	EB/WB	23		
1.6	6	50	EB/WB		33	
GLETTY RD CL = LOG MILE 1.6						
TOTAL COVD DEKALB COUNTY				802	391	

PATCHING SCHEDULE GLETTY TO CHILTON						
LOCATION	PATCH LENGTH	PATCH WIDTH	LANE	CLASS D PATCHES		
				TYPE II	TYPE III	TYPE IV
				16 IN		
LOG MILE	FOOT	FOOT		SQ YD	SQ YD	SQ YD
EB STARTS AT GLETTY ROAD						
COVD DEKALB COUNTY						
0.1	30	13	EB			43
0.1	6	13	EB	9		
0.1	6	13	EB	9		
0.1	4	13	FR	6		
SUBTOTAL COVD DEKALB COUNTY				24		43
STP URB DEKALB COUNTY						
0.2	20	13	EB			29
0.2	12	13	EB		17	
0.2	30	13	EB			43
0.3	6	13	EB	9		
0.3	20	13	EB			29
0.4	30	13	EB			43
0.4	20	13	EB			29
0.5	20	13	EB			29
0.7	15	13	EB		22	
0.8	8	13	FR	12		
0.9	10	13	EB	14		
1	15	13	EB		22	
1	20	13	EB			29
1.1	15	13	EB		22	
1.1	10	13	EB	14		
1.1	10	13	EB	14		
1.1	10	13	EB	14		
1.2	6	13	EB	9		
1.2	20	13	EB			29
1.4	30	13	EB			43
1.4	15	13	EB		22	
1.4	15	13	EB		22	
1.4	6	13	EB	9		
1.5	6	13	FR	9		
1.5	6	13	EB	9		
1.5	10	13	EB	14		
1.5	6	13	EB	9		
1.5	6	13	EB	9		
1.6	10	13	EB	14		
1.6	6	13	EB	9		
1.7	6	13	EB	9		
1.7	6	13	EB	9		
1.8	100	13	EB			144
1.9	100	13	EB			144
1.9	10	13	EB	14		
1.9	6	13	EB	9		
STP URB DEKALB EASTBOUND TOTALS				209	127	591
URBAN KENDALL COUNTY						
2.1	100	13	EB			144
2.2	15	13	EB		22	
2.4	10	13	EB	14		
2.4	10	13	EB	14		
2.4	20	13	EB			29
2.5	6	13	EB	9		
2.5	10	13	EB	14		
2.5	12	13	EB		17	
2.5	6	13	EB	9		
2.6	6	13	EB	9		
2.6	6	13	EB	9		
2.7	10	13	EB	14		
2.7	6	13	EB	9		
2.8	15	13	EB		22	
2.8	50	13	EB			72
2.8	6	13	EB	9		
2.8	6	13	TURN	9		
2.9	50	13	TURN			72
2.9	50	13	EB			72
2.9	6	13	EB	9		
2.9	10	13	EB	14		
3	40	13	EB			58
3	25	13	EB			36
3.1	150	13	EB			217
3.1	30	13	EB			43
3.1	40	13	EB			58
3.1	20	13	EB			29
3.1	30	13	EB			43
3.2	50	13	EB			72

PATCHING SCHEDULE GLETTY TO CHILTON CONT						
LOCATION	PATCH LENGTH	PATCH WIDTH	LANE	CLASS D PATCHES		
				TYPE II	TYPE III	TYPE IV
				16 IN		
LOG MILE	FOOT	FOOT		SQ YD	SQ YD	SQ YD
3.2	40	13	EB			58
3.2	20	13	EB			29
3.4	20	13	EB			29
3.4	6	13	EB	9		
3.4	10	13	EB	14		
3.4	12	13	EB		17	
3.5	10	13	EB	14		
3.6	10	10	RT TURN	11		
3.6	6	13	EB	9		
3.7	6	13	EB	9		
URBAN KENDALL EASTBOUND TOTALS				217	78	1061
WB STARTS AT CHILTON WAY						
URBAN KENDALL COUNTY						
0.0	10	12	WB	13		
0.1	20	13	WB			29
0.1	6	13	WB	9		
0.1	6	20	WB/CL	13		
0.2	6	20	WB/CL	13		
0.2	10	20	WB/CL		22	
0.3	6	13	WB	9		
0.3	6	13	WB	9		
0.3	10	13	WB	14		
0.3	6	26	WB/TURN		17	
0.3	6	13	WB	9		
0.3	6	13	WB	9		
0.3	6	13	WB	9		
0.4	6	13	WB	9		
0.4	10	25	WB/CL			28
0.5	12	13	WB		17	
0.5	15	13	WB		22	
0.5	6	13	WB	9		
0.5	6	13	WB	9		
0.6	6	13	WB	9		
0.6	15	13	WB		22	
0.6	6	13	WB	9		
0.6	6	13	WB	9		
0.6	6	13	WB	9		
0.6	6	13	WB	9		
0.7	6	13	WB	9		
0.7	6	13	WB	9		
0.7	6	13	WB	9		
1	40	13	WB			58
1.1	60	13	WB			87
1.1	6	13	WB	9		
1.2	6	13	WB	9		
1.2	6	13	WB	9		
1.2	6	13	WB	9		
1.3	6	13	WB	9		
1.4	6	13	WB	9		
1.4	10	13	WB	14		
1.9	10	13	WB	14		
2	6	13	WB	9		
2	12	13	WB		17	
URBAN KENDALL WESTBOUND TOTALS				288	117	202
STP URB DEKALB COUNTY						
2.1	6	13	WB	9		
2.1	6	13	WB	9		
2.2	6	13	WB	9		
2.2	10	13	WB	14		
2.3	6	13	WB	9		
2.4	6	13	WB	9		
2.4	6	13	WB	9		
2.4	6	13	WB	9		
2.6	20	13	WB			29
2.7	10	13	WB	14		
3.1	20	13	WB			29
3.1	6	13	WB	9		
3.4	6	13	WB	9		
3.4	6	13	WB	9		
3.6	10	13	WB	14		
3.7	15	13	WB		22	
3.7	10	13	WB	14		
3.7	15	13	WB		22	
STP URB DEKALB WESTBOUND TOTALS				146	44	58
TOTAL COVD URB DEKALB COUNTY				24		43
TOTAL STP URB DEKALB COUNTY				355	171	649
TOTAL URBAN KENDALL COUNTY				505	195	1263
TOTAL				884	366	1955

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NOTES:  
 ALL ELEMENTS SHOWN ON PLAN SHEET  
 ARE EXISTING UNLESS OTHERWISE NOTED.  
 EXISTING CONDUIT

**TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED**

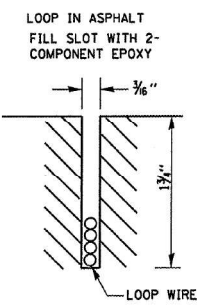
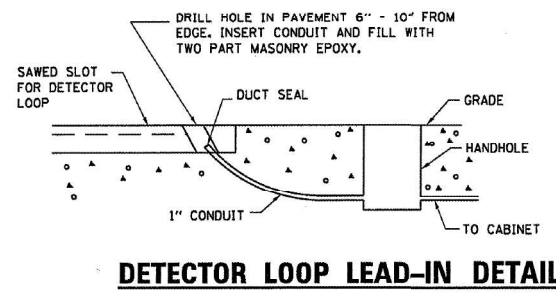
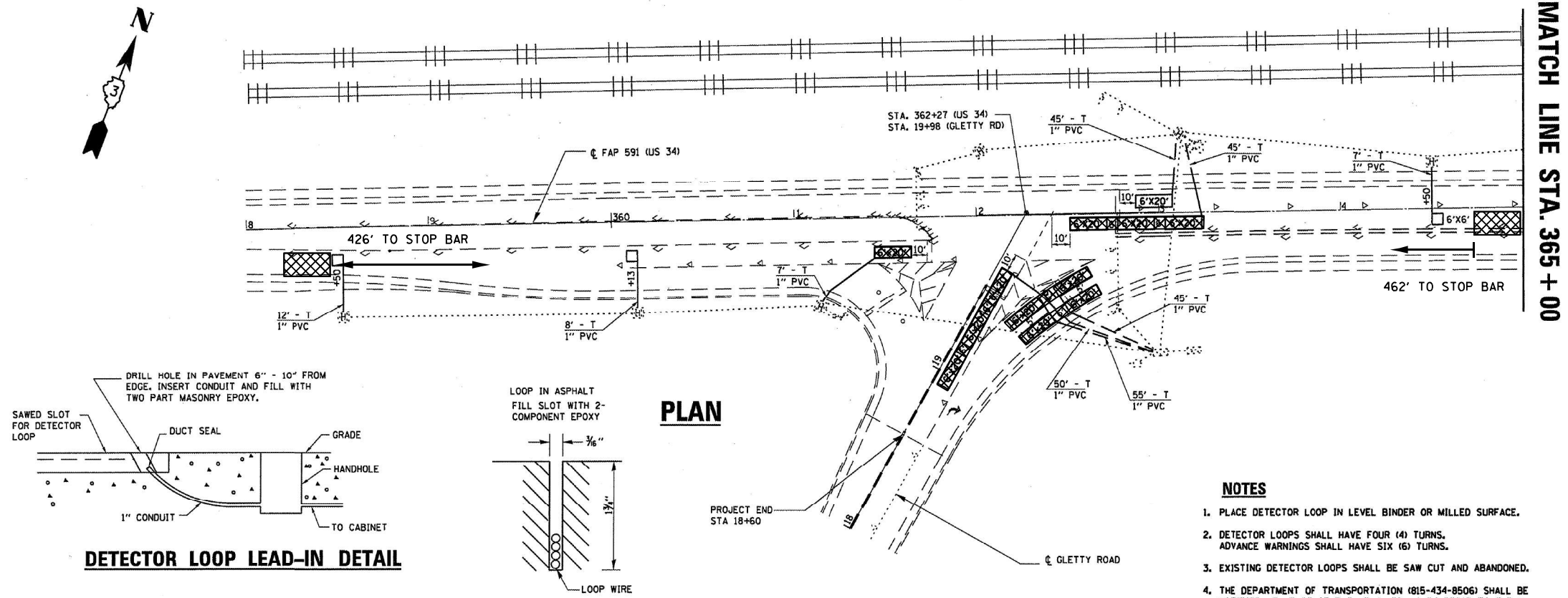
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTACT BID PRICE.

1 EACH TRAFFIC SIGNAL CABINET

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE CITY OF SANDWICH'S MAINTENANCE FACILITY LOCATED AT 207 RAILROAD ST

1 EACH TRAFFIC SIGNAL CONTROLLER

SCHEDULE OF QUANTITIES			
PAYCODE	ITEM DESCRIPTION	UNIT	QUANTITY
72000100	SIGN PANEL-TYPE 1	SQ FT	7.5
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, 6 1C	FOOT	5
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	730
X0326266	ETHERNET SWITCH	EACH	1
X0326885	VIDEO DETECTION SYSTEM	EACH	2
X1400108	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1
X8620200	UNINTERRUPTABLE POWER SUPPLY, (SPECIAL)	EACH	1
87800150	CONCRETE FOUNDATION, TYPE C (SPECIAL)	FOOT	1
X0325922	CELLULAR MODEM	EACH	1



**PLAN**

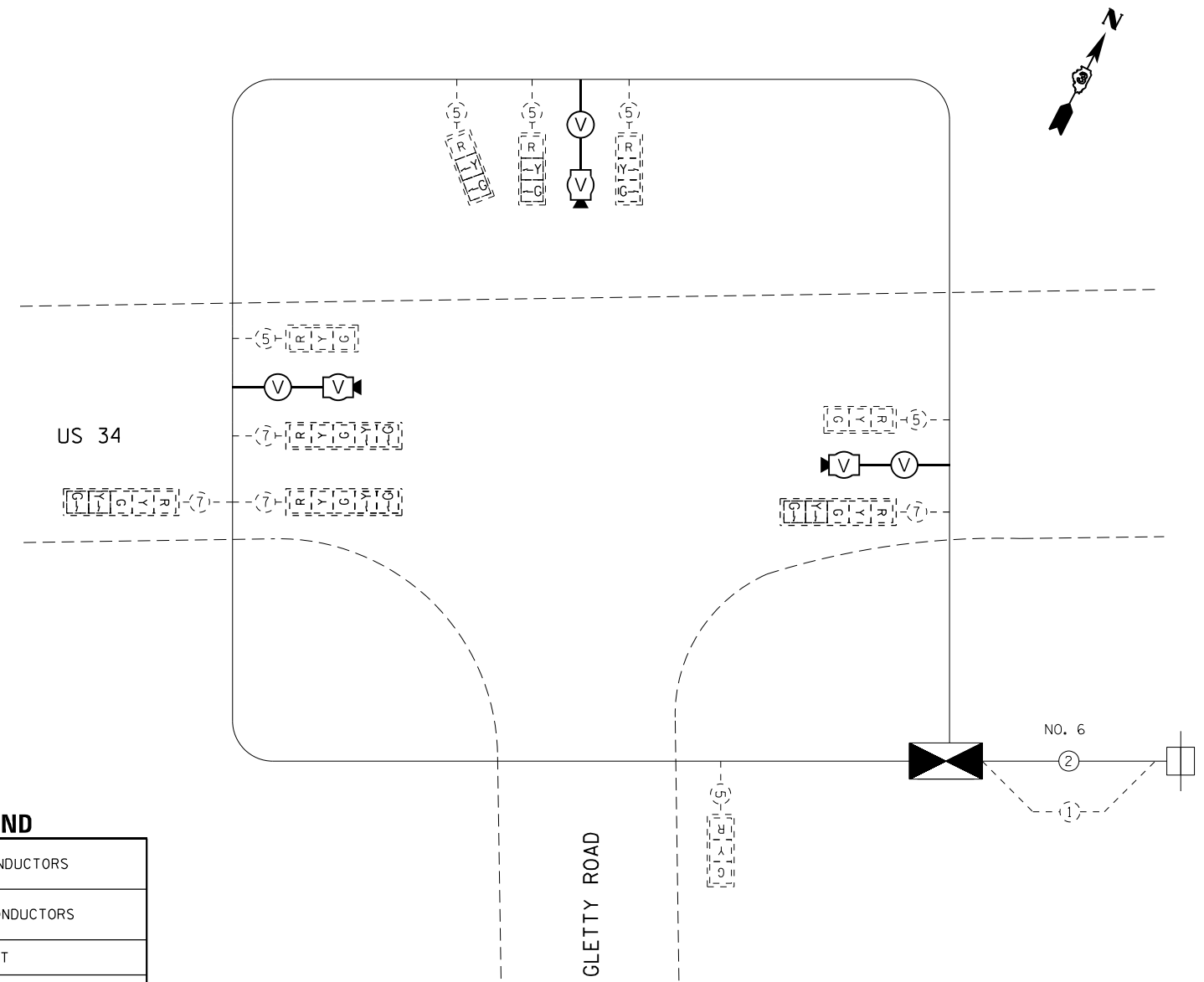
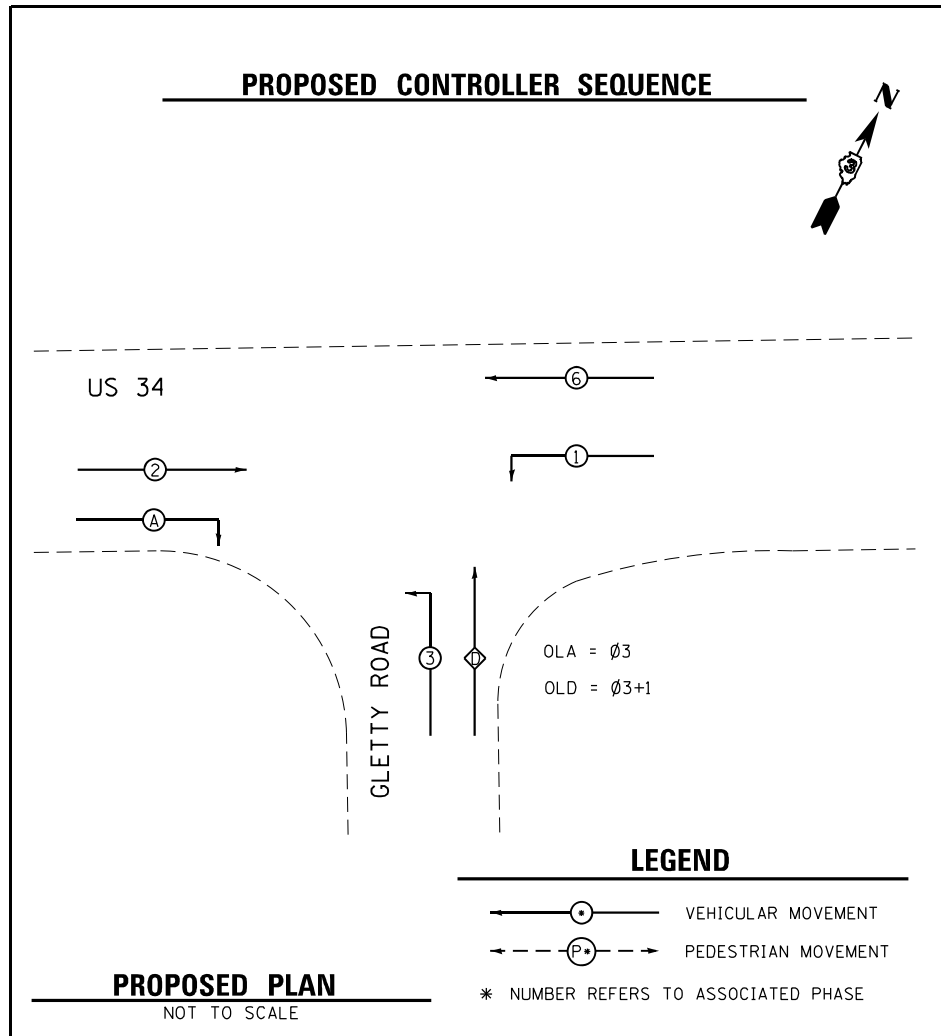
- NOTES**
1. PLACE DETECTOR LOOP IN LEVEL BINDER OR MILLED SURFACE.
  2. DETECTOR LOOPS SHALL HAVE FOUR (4) TURNS. ADVANCE WARNINGS SHALL HAVE SIX (6) TURNS.
  3. EXISTING DETECTOR LOOPS SHALL BE SAW CUT AND ABANDONED.
  4. THE DEPARTMENT OF TRANSPORTATION (815-434-8506) SHALL BE NOTIFIED AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOP.

**TRAFFIC SIGNALS LEGEND**

	EXISTING CONTROLLER CABINET
	EXISTING SERVICE INSTALLATION
	EXISTING CONDUIT
	EXISTING SIGNAL HEAD WITH BACKPLATE
	PROPOSED SIGNAL HEAD WITH BACKPLATE
	EXISTING COMBINATION STEEL MAST ARM ASSEMBLY
	EXISTING TRAFFIC SIGNAL POST
	EXISTING HANDHOLE
	EXISTING DOUBLE HANDHOLE
	EXISTING JUNCTION BOX
	EXISTING PEDESTRIAN SIGNAL HEAD
	EXISTING PEDESTRIAN PUSH BUTTON
	EXISTING DETECTOR LOOP
	EXISTING CONDUIT LENGTH AND SIZE PER EXISTING PLANS
	VIDEO VEHICLE DETECTION

**FOR INFORMATION ONLY**

FILE NAME =	USER NAME = carmins	DESIGNED - D. DEVINE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL PLAN US 34 &amp; GLETTY ROAD</b>			F.A.P. RTE. 591	SECTION (15A,15R)RS-6,SW	COUNTY DEK, KEN	TOTAL SHEETS 118	SHEET NO. 32	
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Default	PLOT SCALE = 100,0000 / 1in.	DATE - 3-25-2022	REVISED -										
	PLOT DATE = 4/26/2022	DATE - 3-25-2022	REVISED -										



#### TRAFFIC SIGNALS LEGEND

	DENOTES NUMBER OF EXISTING CONDUCTORS
	DENOTES NUMBER OF PROPOSED CONDUCTORS
	EXISTING CONTROLLER AND CABINET
	EXISTING SERVICE INSTALLATION
	EXISTING LUMINAIRE, 250 WATT
	EXISTING SIGNAL SECTION 12"
	SIGNAL SECTION 12"
	LEFT TURN GREEN
	LEFT TURN YELLOW
	EXISTING PEDESTRIAN PUSH BUTTON
	EXISTING WALK/DON'T WALK WITH COUNT DOWN TIMER
	EXISTING TRAFFIC SIGNAL BACKPLATE
	EXISTING VEHICLE DETECTOR, INDUCTION LOOP
	VIDEO DETECTION

NOTES:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "SIEMENS"

FILE NAME =	USER NAME = carlmsa	DESIGNED - D. DEVINE	REVISED -
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	PLOT DATE = 4/26/2022	DATE - 3-25-2022	REVISED -

### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

### TRAFFIC SIGNAL CABLE PLAN US 34 & GLETTY ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,SW	DEK, KEN	118	33
CONTRACT NO. 66L58				
		ILLINOIS	FED. AID PROJECT	

NOTES:  
 ALL ELEMENTS SHOWN ON PLAN SHEET  
 ARE EXISTING UNLESS OTHERWISE NOTED.  
 EXISTING CONDUIT

**TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED**

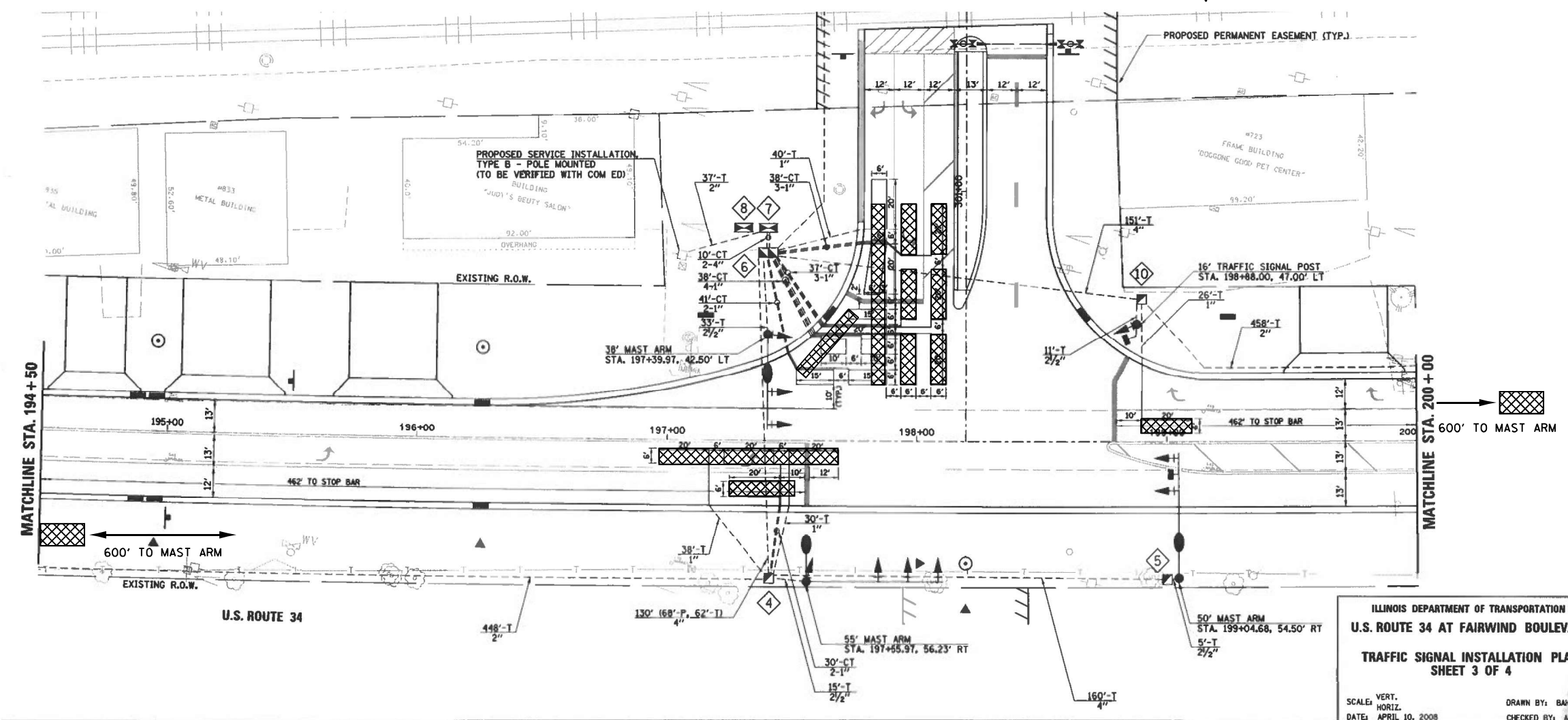
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTACT BID PRICE.

1 EACH TRAFFIC SIGNAL CABINET

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE CITY OF SANDWICH'S MAINTENANCE FACILITY LOCATED AT 207 RAILROAD ST

1 EACH TRAFFIC SIGNAL CONTROLLER

SCHEDULE OF QUANTITIES			
PAYCODE	ITEM DESCRIPTION	UNIT	QUANTITY
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, 6 1C	FOOT	5
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	730
X0326266	ETHERNET SWITCH	EACH	1
X0326885	VIDEO DETECTION SYSTEM	EACH	2
X1400169	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
X8620200	UNINTERRUPTABLE POWER SUPPLY, (SPECIAL)	EACH	1
87800150	CONCRETE FOUNDATION, TYPE C (SPECIAL)	EACH	1
X1400214	SPARE RAILROAD, FULL ACTUATED CONTROLLER, SPECIAL	EACH	1



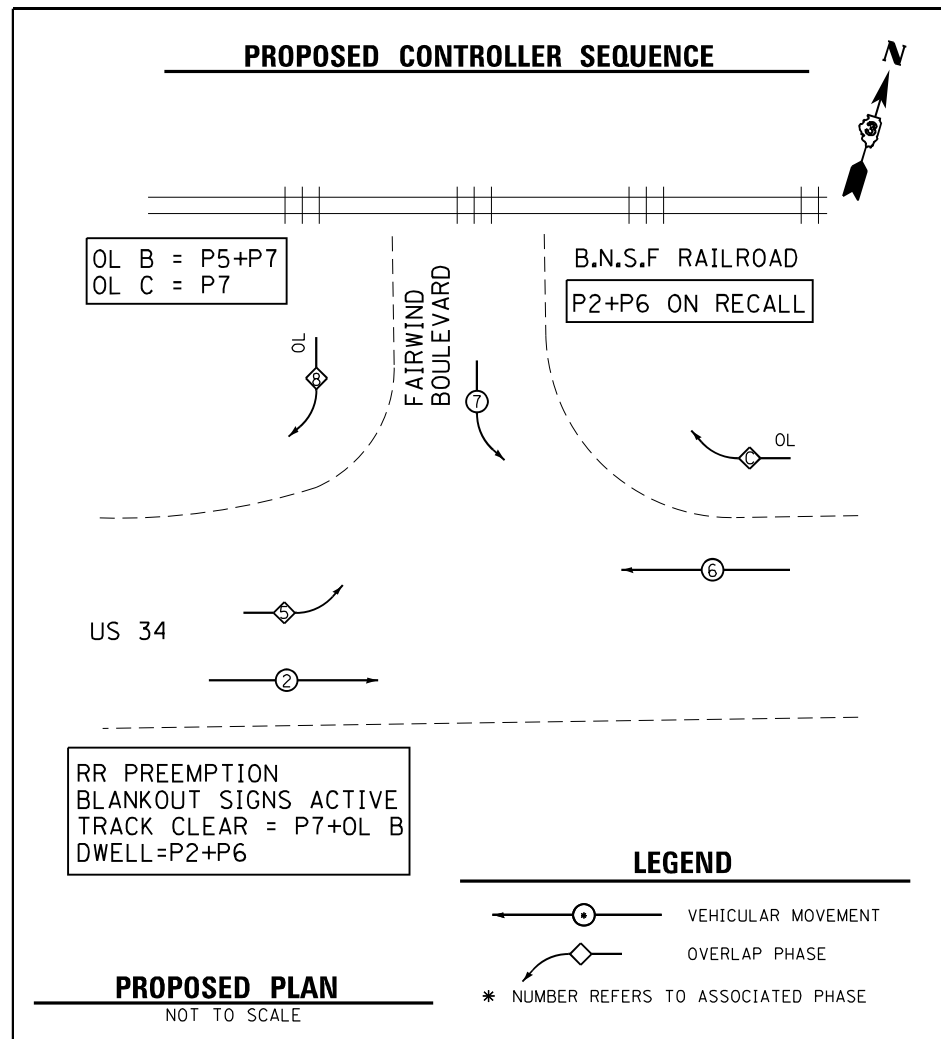
**TRAFFIC SIGNALS LEGEND**

- EXISTING CONTROLLER CABINET
- EXISTING SERVICE INSTALLATION
- EXISTING CONDUIT
- EXISTING SIGNAL HEAD WITH BACKPLATE
- PROPOSED SIGNAL HEAD WITH BACKPLATE
- EXISTING COMBINATION STEEL MAST ARM ASSEMBLY
- EXISTING TRAFFIC SIGNAL POST
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING JUNCTION BOX
- EXISTING PEDESTRIAN SIGNAL HEAD
- EXISTING PEDESTRIAN PUSH BUTTON
- EXISTING DETECTOR LOOP
- EXISTING CONDUIT LENGTH AND SIZE PER EXISTING PLANS
- VIDEO VEHICLE DETECTION

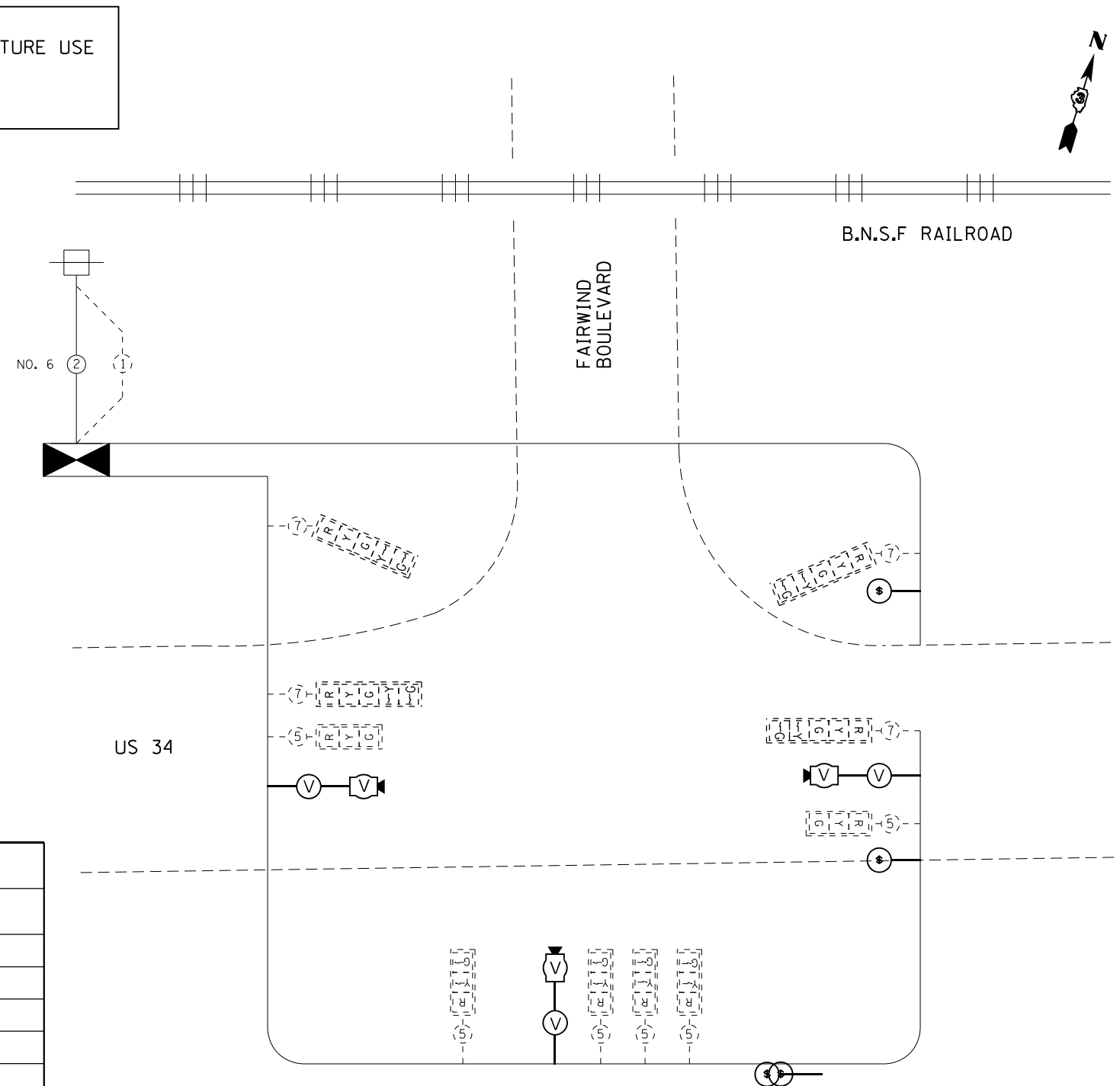
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 U.S. ROUTE 34 AT FAIRWIND BOULEVARD  
 TRAFFIC SIGNAL INSTALLATION PLAN  
 SHEET 3 OF 4  
 VERT. SCALE: DATE: APRIL 10, 2008  
 HORIZ. SCALE: DRAWN BY: BAH  
 CHECKED BY: H

**FOR INFORMATION ONLY**

FILE NAME =	USER NAME = carlmsa	DESIGNED - D. DEVINE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL PLAN US 34 &amp; FAIRWIND BOULEVARD</b>	F.A.P. RTE. 591	SECTION (15A,15R)RS-6,SW	COUNTY DEK, KEN	TOTAL SHEETS 118	SHEET NO. 34	
pw:\idot\pw\benley.com\PWIDOT\Documents\IDOT Office\District 3\Projects\0366L58\CADData\0366L58-sh-4-traffic signal	DRAWN - T. GRUNSTAD	CHECKED - J. OYIER	REVISED -			CONTRACT NO. 66L58					
PLOT SCALE = 100,0000 / 1in.	DATE - 3-25-2022	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					
Default	PLOT DATE = 4/26/2022	REVISED -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.			



INSTALL EVP SEQUECE FOR FUTURE USE  
PREEMPT 3= P2 + P6  
PREEMPT 4= P7 + OLC



#### TRAFFIC SIGNALS LEGEND

	DENOTES NUMBER OF EXISTING CONDUCTORS
	DENOTES NUMBER OF PROPOSED CONDUCTORS
	EXISTING CONTROLLER AND CABINET
	EXISTING SERVICE INSTALLATION
	EXISTING LUMINAIRE, 250 WATT
	EXISTING SIGNAL SECTION 12"
	SIGNAL SECTION 12"
	LEFT TURN GREEN
	LEFT TURN YELLOW
	EXISTING PEDESTRIAN PUSH BUTTON
	EXISTING WALK/DON'T WALK WITH COUNT DOWN TIMER
	EXISTING TRAFFIC SIGNAL BACKPLATE
	EXISTING VEHICLE DETECTOR, INDUCTION LOOP
	VIDEO DETECTION
	NO LEFT TURN BLANKOUT SIGN

NOTES:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "SIEMENS"

NOTES:  
 ALL ELEMENTS SHOWN ON PLAN SHEET  
 ARE EXISTING UNLESS OTHERWISE NOTED.  
 EXISTING CONDUIT

**TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED**

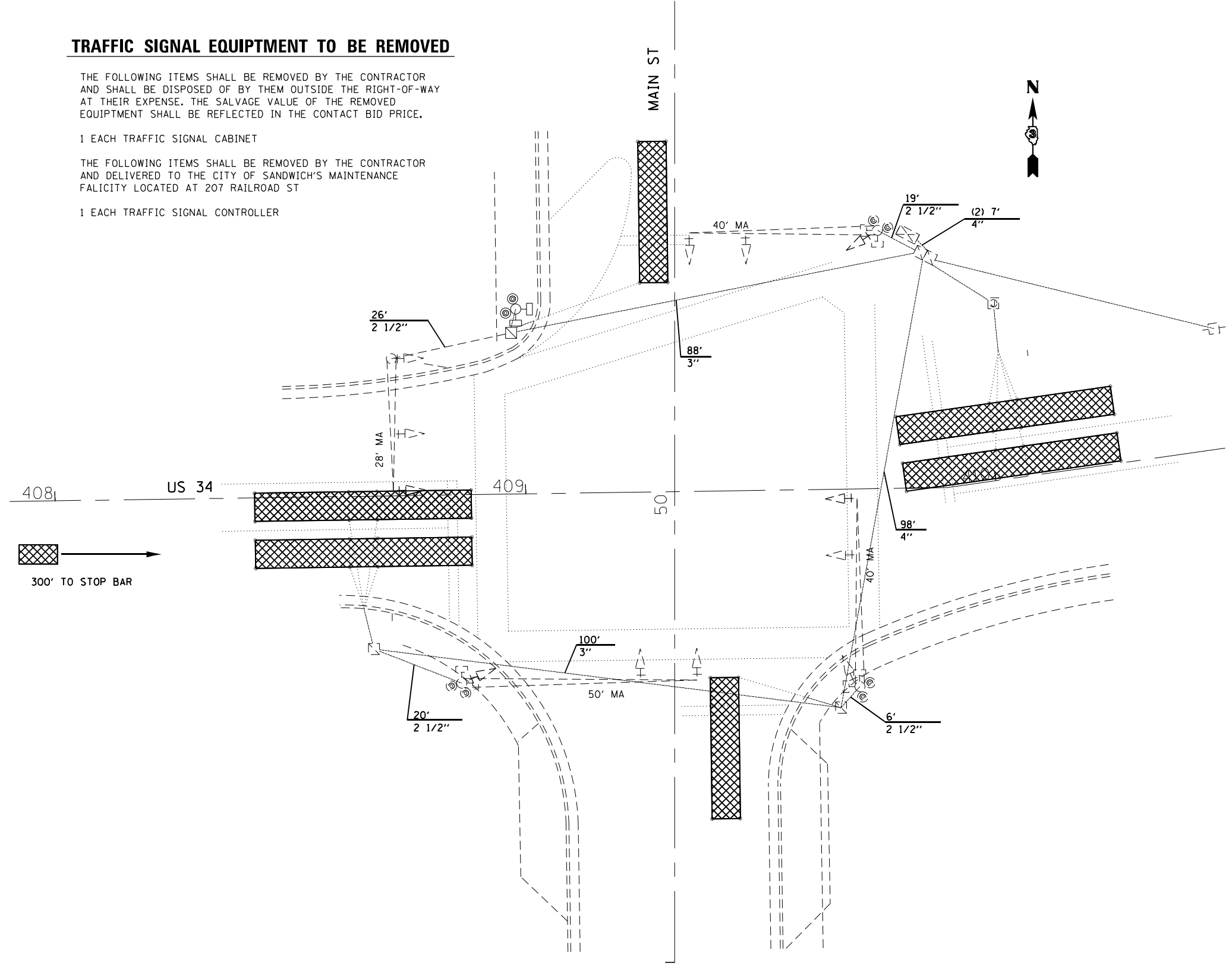
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTACT BID PRICE.

1 EACH TRAFFIC SIGNAL CABINET

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE CITY OF SANDWICH'S MAINTENANCE FACILITY LOCATED AT 207 RAILROAD ST

1 EACH TRAFFIC SIGNAL CONTROLLER

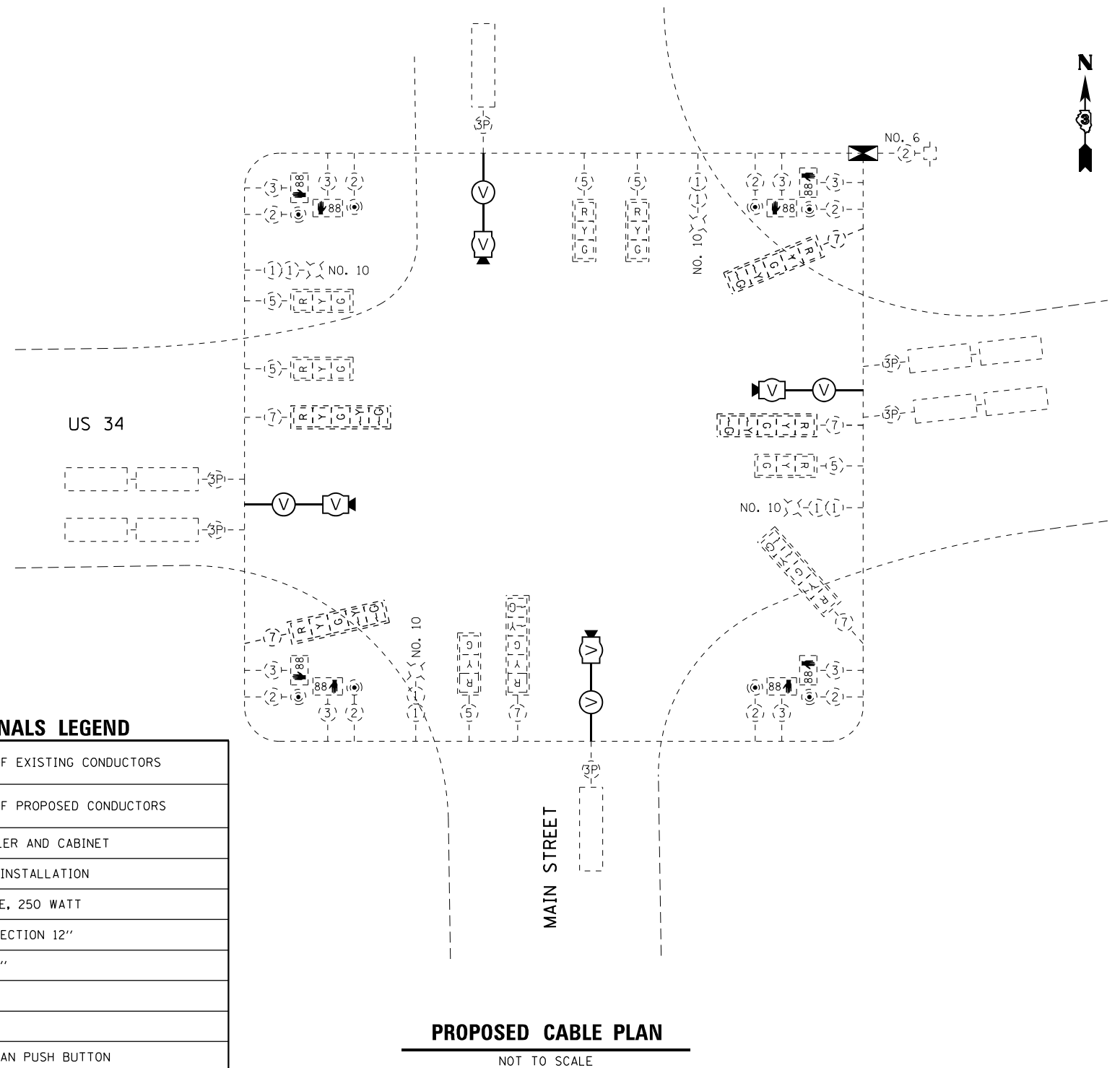
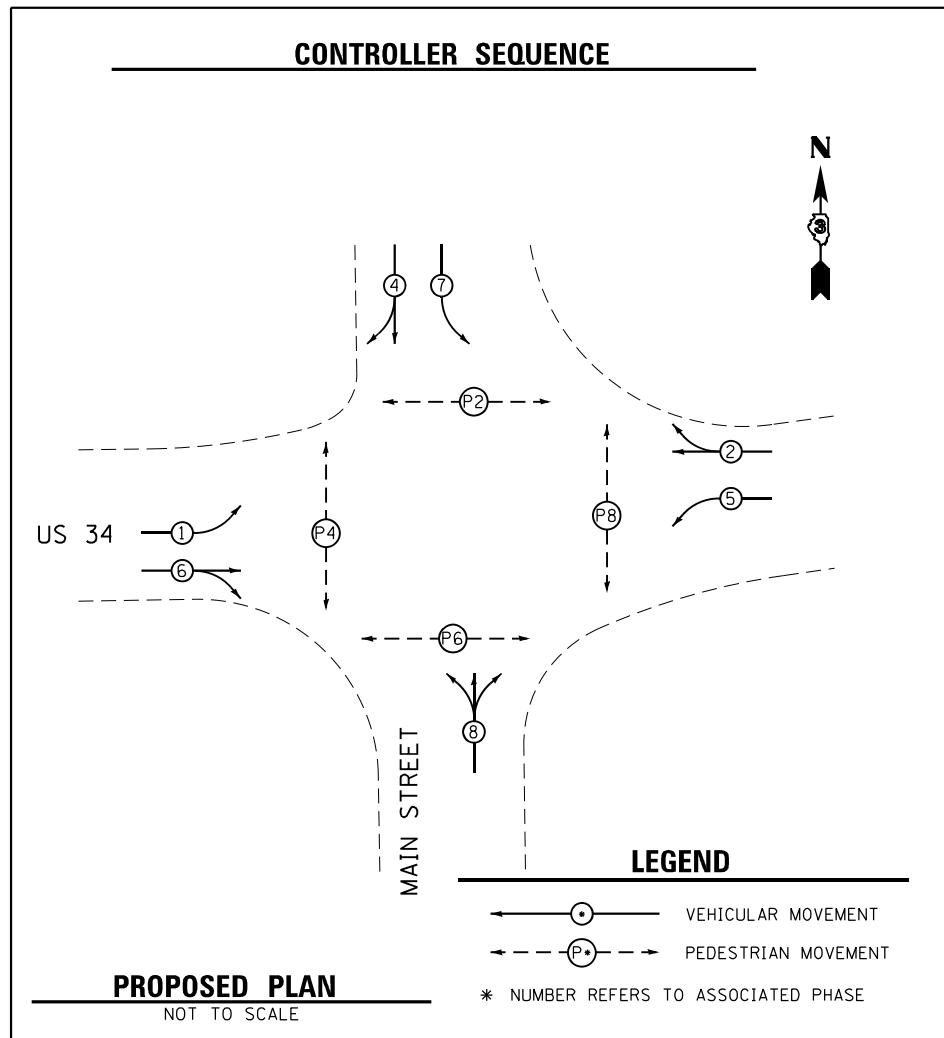
SCHEDULE OF QUANTITIES			
PAYCODE	ITEM DESCRIPTION	UNIT	QUANTITY
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1290
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, 6 1C	FOOT	5
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	8
87900200	PEDESTRIAN PUSH-BUTTON POST, TYPE II	EACH	8
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1290
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	730
X0326885	VIDEO DETECTION SYSTEM	EACH	2
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
X0326266	ETHERNET SWITCH	EACH	1
X1400031	REMOVE PEDESTRIAN PUSH-BUTTON	EACH	8
X4240430	PORTLAND CEMENT SIDEWALK SIDEWALK 5 IN, SPECIAL	SQ FT	378
X8620200	UNINTERRUPTABLE POWER SUPPLY, (SPECIAL)	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
87800150	CONCRETE FOUNDATION, TYPE C (SPECIAL)	FOOT	3.5
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	164



**TRAFFIC SIGNALS LEGEND**

	EXISTING CONTROLLER CABINET
	EXISTING SERVICE INSTALLATION
	EXISTING CONDUIT
	EXISTING SIGNAL HEAD WITH BACKPLATE
	PROPOSED SIGNAL HEAD WITH BACKPLATE
	EXISTING COMBINATION STEEL MAST ARM ASSEMBLY
	EXISTING TRAFFIC SIGNAL POST
	EXISTING HANDHOLE
	EXISTING DOUBLE HANDHOLE
	EXISTING JUNCTION BOX
	EXISTING PEDESTRIAN SIGNAL HEAD
	EXISTING PEDESTRIAN PUSH BUTTON
	EXISTING DETECTOR LOOP
	EXISTING CONDUIT LENGTH AND SIZE PER EXISTING PLANS
	VIDEO VEHICLE DETECTION

**FOR INFORMATION ONLY**



### TRAFFIC SIGNALS LEGEND

	DENOTES NUMBER OF EXISTING CONDUCTORS
	DENOTES NUMBER OF PROPOSED CONDUCTORS
	EXISTING CONTROLLER AND CABINET
	EXISTING SERVICE INSTALLATION
	EXISTING LUMINAIRE, 250 WATT
	EXISTING SIGNAL SECTION 12"
	SIGNAL SECTION 12"
	LEFT TURN GREEN
	LEFT TURN YELLOW
	EXISTING PEDESTRIAN PUSH BUTTON
	EXISTING WALK/DON'T WALK WITH COUNT DOWN TIMER
	EXISTING TRAFFIC SIGNAL BACKPLATE
	EXISTING VEHICLE DETECTOR, INDUCTION LOOP
	VIDEO DETECTION

NOTES:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "SIEMENS"

NOTES:  
 ALL ELEMENTS SHOWN ON PLAN SHEET  
 ARE EXISTING UNLESS OTHERWISE NOTED.  
 EXISTING CONDUIT

**TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED**

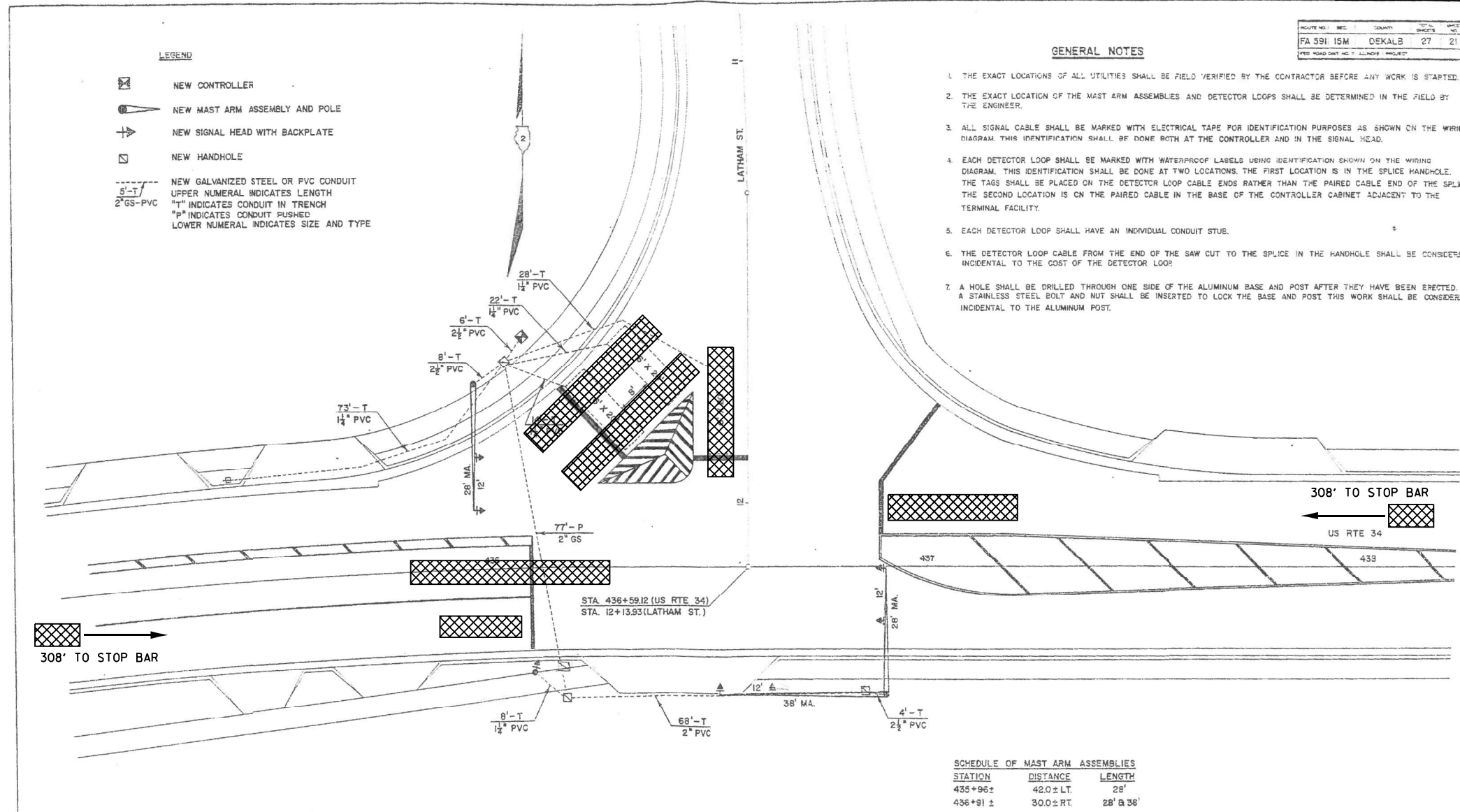
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1 EACH TRAFFIC SIGNAL CABINET

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE CITY OF SANDWICH'S MAINTENANCE FACILITY LOCATED AT 207 RAILROAD ST

1 EACH TRAFFIC SIGNAL CONTROLLER

SCHEDULE OF QUANTITIES			
PAYCODE	ITEM DESCRIPTION	UNIT	QUANTITY
72000100	SIGN PANEL-TYPE 1	SQ FT	7.5
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, 6 1C	FOOT	5
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	730
X0326885	VIDEO DETECTION SYSTEM	EACH	2
X1400107	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
X0326266	ETHERNET SWITCH	EACH	1
X8620200	UNINTERRUPTABLE POWER SUPPLY, (SPECIAL)	EACH	1
87800150	CONCRETE FOUNDATION, TYPE C (SPECIAL)	FOOT	3.5



**GENERAL NOTES**

1. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ANY WORK IS STARTED.
2. THE EXACT LOCATION OF THE MAST ARM ASSEMBLIES AND DETECTOR LOOPS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
3. ALL SIGNAL CABLE SHALL BE MARKED WITH ELECTRICAL TAPE FOR IDENTIFICATION PURPOSES AS SHOWN ON THE WIRING DIAGRAM. THIS IDENTIFICATION SHALL BE DONE BOTH AT THE CONTROLLER AND IN THE SIGNAL HEAD.
4. EACH DETECTOR LOOP SHALL BE MARKED WITH WATERPROOF LABELS USING IDENTIFICATION KNOWN ON THE WIRING DIAGRAM. THIS IDENTIFICATION SHALL BE DONE AT TWO LOCATIONS. THE FIRST LOCATION IS IN THE SPLICE HANDHOLE. THE TAGS SHALL BE PLACED ON THE DETECTOR LOOP CABLE ENDS RATHER THAN THE PAIRED CABLE END OF THE SPLICE. THE SECOND LOCATION IS ON THE PAIRED CABLE IN THE BASE OF THE CONTROLLER CABINET ADJACENT TO THE TERMINAL FACILITY.
5. EACH DETECTOR LOOP SHALL HAVE AN INDIVIDUAL CONDUIT STUD.
6. THE DETECTOR LOOP CABLE FROM THE END OF THE SAW CUT TO THE SPLICE IN THE HANDHOLE SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE DETECTOR LOOP.
7. A HOLE SHALL BE DRILLED THROUGH ONE SIDE OF THE ALUMINUM BASE AND POST AFTER THEY HAVE BEEN ERECTED. A STAINLESS STEEL BOLT AND NUT SHALL BE INSERTED TO LOCK THE BASE AND POST THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE ALUMINUM POST.

ROUTE NO.	SEC.	SECTION	TOTAL SHEETS	SHEET NO.
FA 591	15M	DEKALB	27	21
FED. ROAD DIST. NO. 7 - ILLINOIS PROJECT				

**LEGEND**

	NEW CONTROLLER
	NEW MAST ARM ASSEMBLY AND POLE
	NEW SIGNAL HEAD WITH BACKPLATE
	NEW HANDHOLE

**TRAFFIC SIGNALS LEGEND**

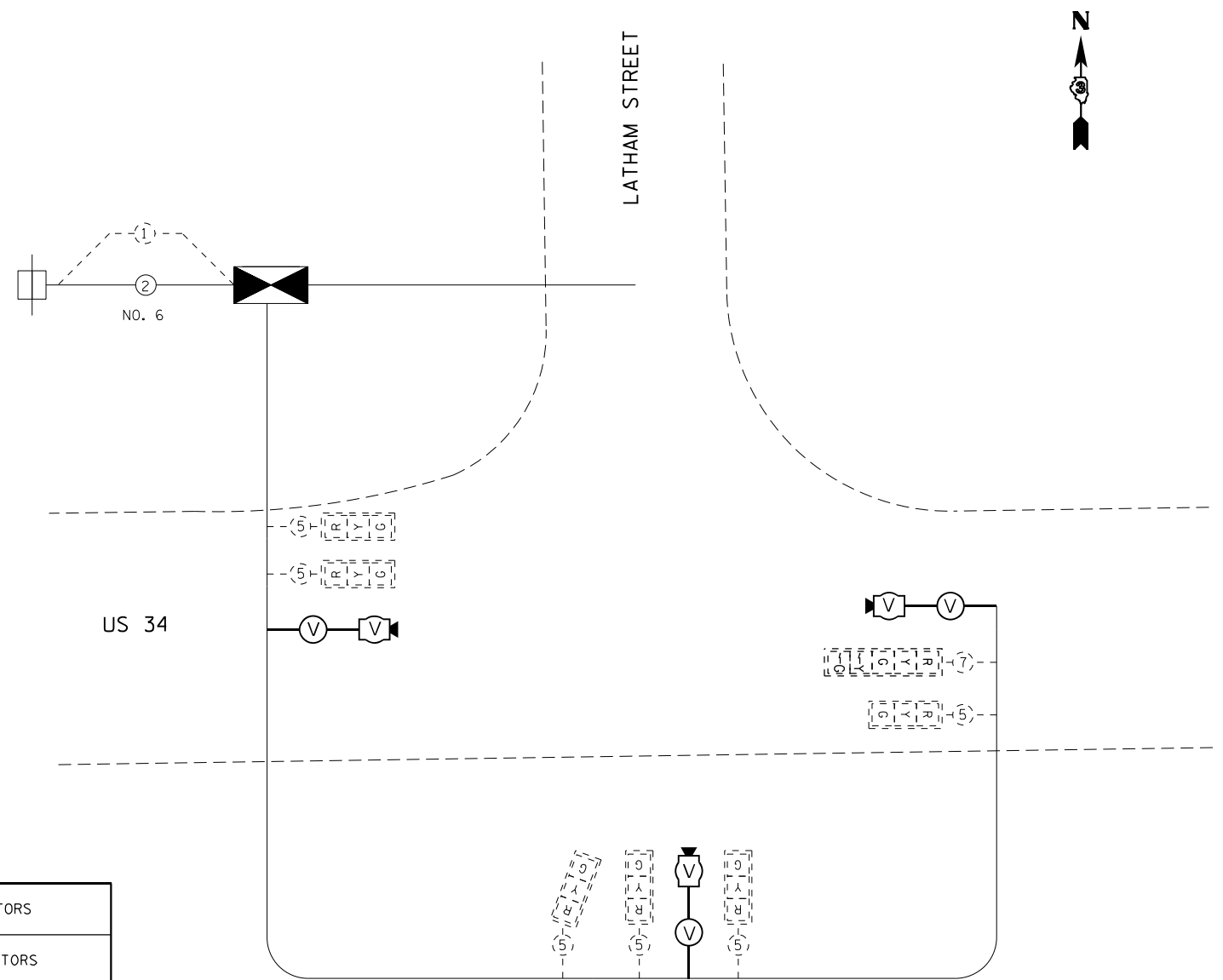
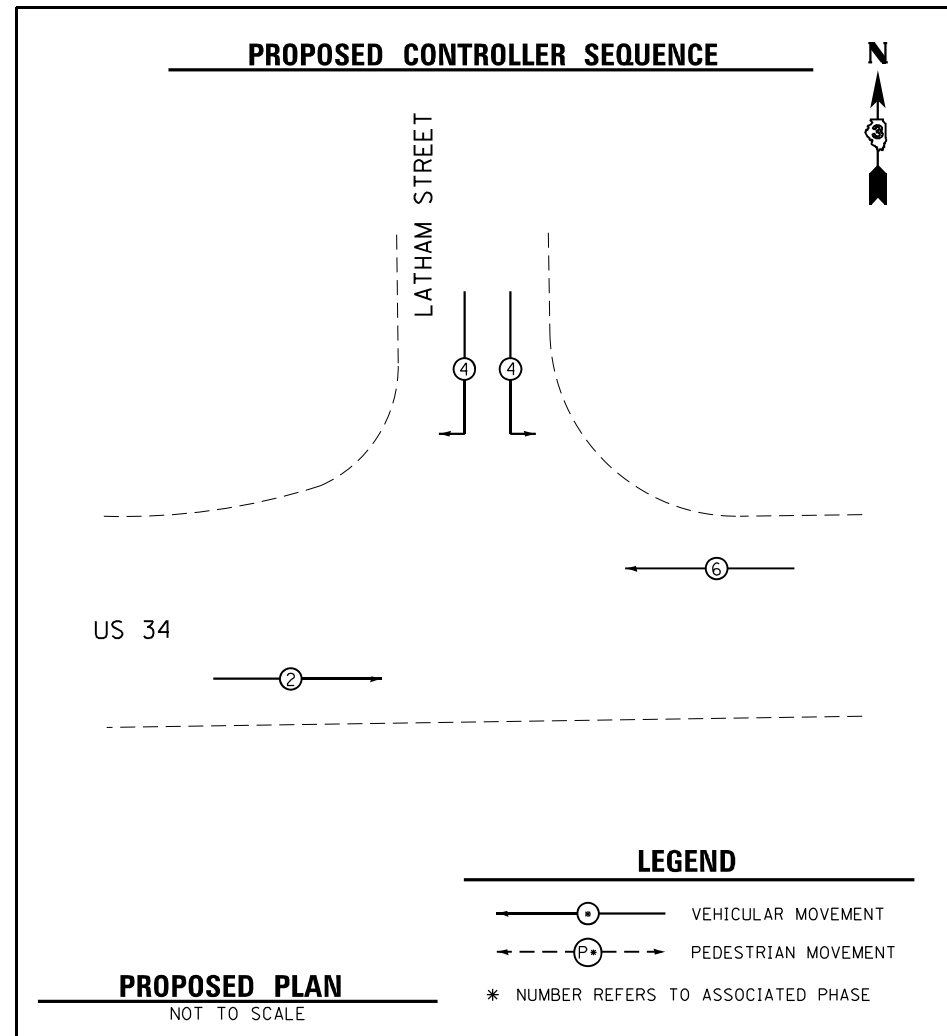
	EXISTING CONTROLLER CABINET
	EXISTING SERVICE INSTALLATION
	EXISTING CONDUIT
	EXISTING SIGNAL HEAD WITH BACKPLATE
	PROPOSED SIGNAL HEAD WITH BACKPLATE
	EXISTING COMBINATION STEEL MAST ARM ASSEMBLY
	EXISTING TRAFFIC SIGNAL POST
	EXISTING HANDHOLE
	EXISTING DOUBLE HANDHOLE
	EXISTING JUNCTION BOX
	EXISTING PEDESTRIAN SIGNAL HEAD
	EXISTING PEDESTRIAN PUSH BUTTON
	EXISTING DETECTOR LOOP
	VIDEO VEHICLE DETECTION

**FOR INFORMATION ONLY**

**SCHEDULE OF MAST ARM ASSEMBLIES**

STATION	DISTANCE	LENGTH
435+96 ±	42.0 ± LT.	28'
436+91 ±	30.0 ± RT.	28' @ 36'





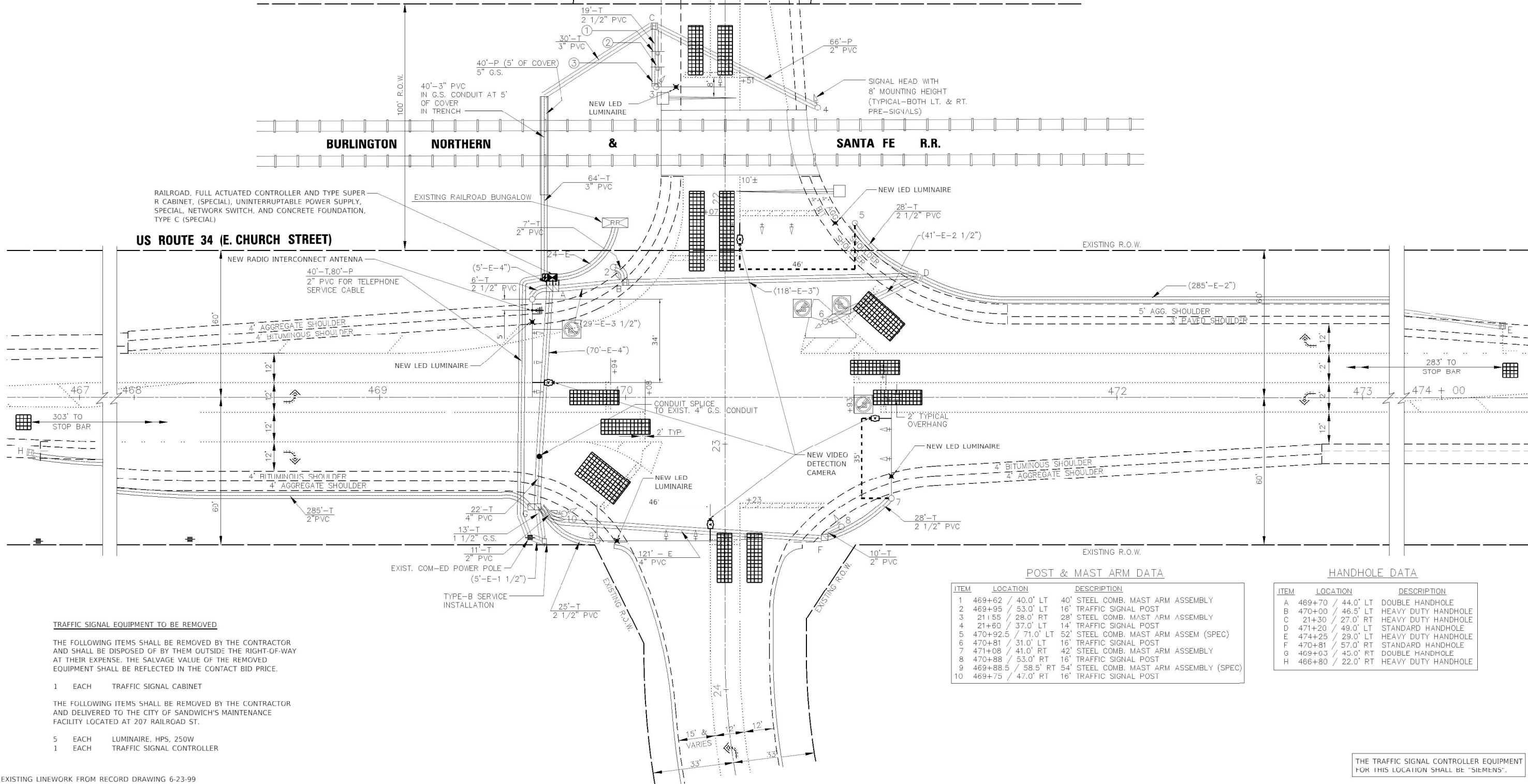
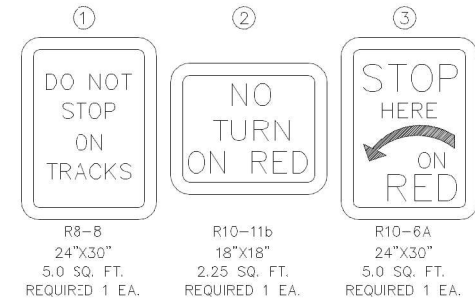
### TRAFFIC SIGNALS LEGEND

	DENOTES NUMBER OF EXISTING CONDUCTORS
	DENOTES NUMBER OF PROPOSED CONDUCTORS
	EXISTING CONTROLLER AND CABINET
	EXISTING SERVICE INSTALLATION
	EXISTING LUMINAIRE, 250 WATT
	EXISTING SIGNAL SECTION 12"
	SIGNAL SECTION 12"
	LEFT TURN GREEN
	LEFT TURN YELLOW
	EXISTING PEDESTRIAN PUSH BUTTON
	EXISTING WALK/DON'T WALK WITH COUNT DOWN TIMER
	EXISTING TRAFFIC SIGNAL BACKPLATE
	EXISTING VEHICLE DETECTOR, INDUCTION LOOP
	VIDEO DETECTION

NOTES:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "SIEMENS"

**NOTES**

- 1) ALL ELEMENTS SHOWN ON PLAN SHEET ARE EXISTING UNLESS OTHERWISE NOTED.
- 2) ALL EXISTING DETECTOR LOOPS SHALL BE ABANDONED.
- 3) EXISTING NO. 18, 3 PAIR TWISTED DETECTOR LOOP ELECTRIC CABLE SHALL REMAIN IN THE CONDUITS AND THE TRAFFIC SIGNAL CABINET. THE CONDUCTORS SHALL BE DISCONNECTED FROM THE TERMINALS INSIDE THE TRAFFIC SIGNAL CABINET.
- 4) ALL ELEMENTS SHOWN ON PLAN SHEET ARE EXISTING UNLESS OTHERWISE NOTED.
- 5) WESTBOUND AND EASTBOUND FRONT DETECTION ZONES SHALL BE PROGRAMMED AS CALLING DETECTORS. FAR BACK DETECTION SHALL BE PROGRAMMED AS CALL AND EXTEND DETECTORS.
- 6) NEW LED LUMINAIRES SHALL BE INSTALLED ON THE SAME WORKING DAY AS WHEN THE EXISTING HPS LUMINAIRES ARE REMOVED.
- 7) THE CONCRETE FOUNDATION, TYPE C (SPECIAL) SHALL BE ABLE TO ACCOMMODATE NEW SUPER R TRAFFIC SIGNAL CABINET.



**TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED**

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTACT BID PRICE.

- 1 EACH TRAFFIC SIGNAL CABINET

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE CITY OF SANDWICH'S MAINTENANCE FACILITY LOCATED AT 207 RAILROAD ST.

- 5 EACH LUMINAIRE, HPS, 250W
- 1 EACH TRAFFIC SIGNAL CONTROLLER

**POST & MAST ARM DATA**

ITEM	LOCATION	DESCRIPTION
1	469+62 / 40.0' LT	40' STEEL COMB. MAST ARM ASSEMBLY
2	469+95 / 53.0' RT	16' TRAFFIC SIGNAL POST
3	21+55 / 28.0' RT	28' STEEL COMB. MAST ARM ASSEMBLY
4	21+60 / 37.0' LT	14' TRAFFIC SIGNAL POST
5	470+92.5 / 71.0' LT	52' STEEL COMB. MAST ARM ASSEM (SPEC)
6	470+81 / 31.0' LT	16' TRAFFIC SIGNAL POST
7	471+08 / 41.0' RT	42' STEEL COMB. MAST ARM ASSEMBLY
8	470+88 / 53.0' RT	16' TRAFFIC SIGNAL POST
9	469+88.5 / 58.5' RT	54' STEEL COMB. MAST ARM ASSEMBLY (SPEC)
10	469+75 / 47.0' RT	16' TRAFFIC SIGNAL POST

**HANDHOLE DATA**

ITEM	LOCATION	DESCRIPTION
A	469+70 / 44.0' LT	DOUBLE HANDHOLE
B	470+00 / 46.5' LT	HEAVY DUTY HANDHOLE
C	21+30 / 27.0' RT	HEAVY DUTY HANDHOLE
D	471+20 / 49.0' LT	STANDARD HANDHOLE
E	474+25 / 29.0' LT	HEAVY DUTY HANDHOLE
F	470+81 / 57.0' RT	STANDARD HANDHOLE
G	469+03 / 45.0' RT	DOUBLE HANDHOLE
H	466+80 / 22.0' RT	HEAVY DUTY HANDHOLE

THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS LOCATION SHALL BE "SIEMENS".

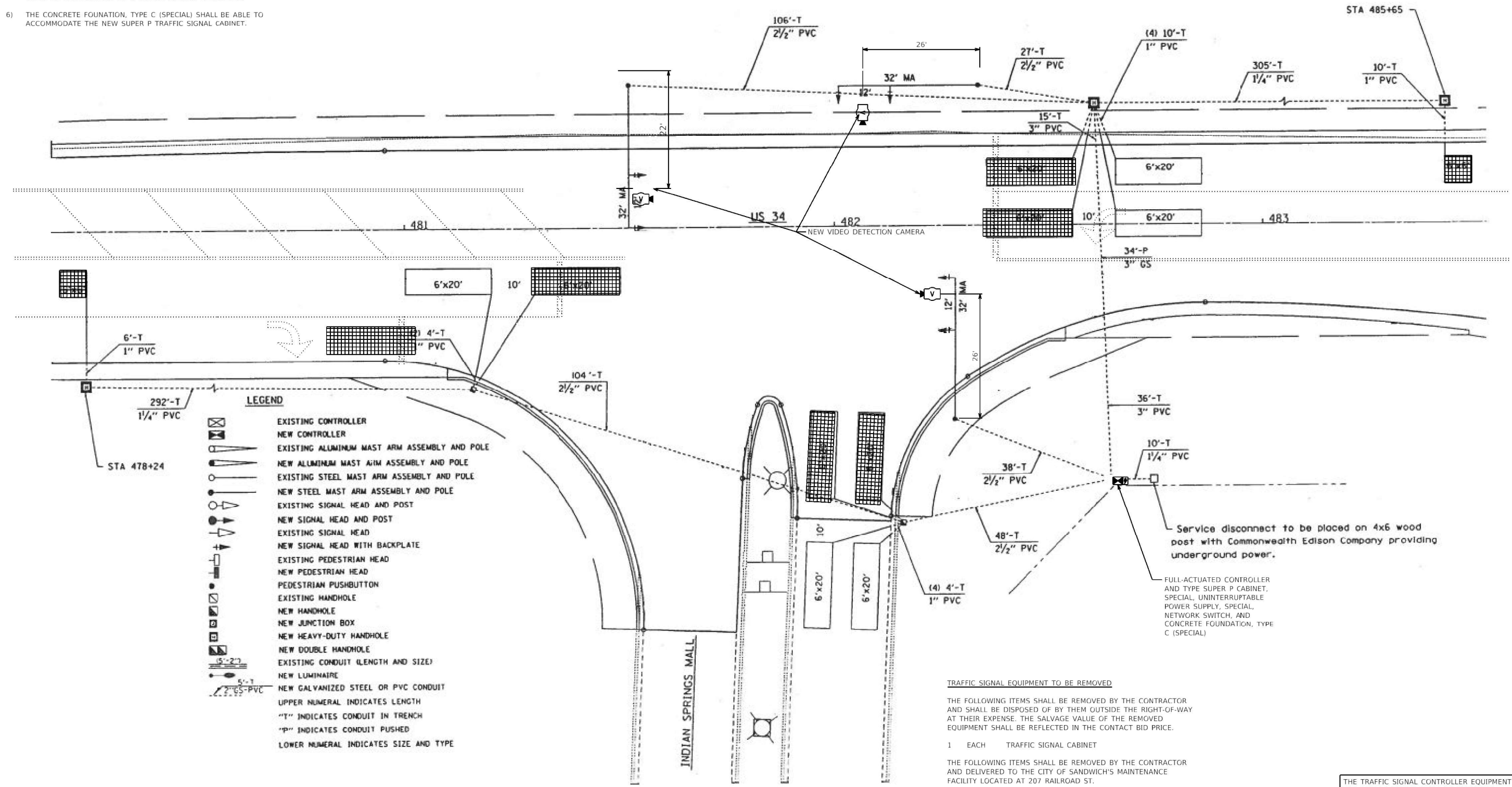
MODEL: DEFAULT FILE NAME: P:\M\dot\pwr\lanley.com\PWD\DOT\Documents\DOT Offices\District 3\Projects\31361\SR\CADD\plan6158-3132

<p><b>Hampton, Lenzi and Renwick, Inc.</b>                  385 SHEPARD DRIVE                  ELGIN, ILLINOIS 60123                  TEL: 815.299.8478 FAX: 815.299.8479                  WWW.HLRENGINEERING.COM                  LICENSED PROFESSIONAL DESIGN FIRMS (IL) - SEE CORPORATE</p>	USER NAME = carmisa DESIGNED - NAH DRAWN - NAH CHECKED - JAM DATE - 3/23/22 REVISED - REVISED - REVISED - REVISED -	<p><b>STATE OF ILLINOIS</b>  <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>US ROUTE 34 AND DUVICK AVENUE</b>  <b>TRAFFIC SIGNAL PLAN</b></p>	F.A. RTE. 0591 SECTION 21-00047-00-TL COUNTY KENDALL TOTAL SHEETS 118 SHEET NO. 40 CONTRACT NO. ILLINOIS FED. AID PROJECT	SCALE: 40.4318" = 1" SHEET OF SHEETS STA. TO STA.
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**NOTES**

- 1) ALL ELEMENTS SHOWN ON PLAN SHEET ARE EXISTING UNLESS OTHERWISE NOTED.
- 2) ALL EXISTING DETECTOR LOOPS SHALL BE ABANDONED.
- 3) EXISTING NO. 18, 3 PAIR TWISTED DETECTOR LOOP ELECTRIC CABLE SHALL REMAIN IN THE CONDUITS AND THE TRAFFIC SIGNAL CABINET. THE CONDUCTORS SHALL BE DISCONNECTED FROM THE TERMINALS INSIDE THE TRAFFIC SIGNAL CABINET.
- 4) ALL ELEMENTS SHOWN ON PLAN SHEET ARE EXISTING UNLESS OTHERWISE NOTED.
- 5) WESTBOUND AND EASTBOUND FRONT DETECTION ZONES SHALL BE PROGRAMMED AS CALLING DETECTORS. FAR BACK DETECTION SHALL BE PROGRAMMED AS CALL AND EXTEND DETECTORS.
- 6) THE CONCRETE FOUNDATION, TYPE C (SPECIAL) SHALL BE ABLE TO ACCOMMODATE THE NEW SUPER P TRAFFIC SIGNAL CABINET.



**LEGEND**

	EXISTING CONTROLLER
	NEW CONTROLLER
	EXISTING ALUMINUM MAST ARM ASSEMBLY AND POLE
	NEW ALUMINUM MAST ARM ASSEMBLY AND POLE
	EXISTING STEEL MAST ARM ASSEMBLY AND POLE
	NEW STEEL MAST ARM ASSEMBLY AND POLE
	EXISTING SIGNAL HEAD AND POST
	NEW SIGNAL HEAD AND POST
	EXISTING SIGNAL HEAD
	NEW SIGNAL HEAD WITH BACKPLATE
	EXISTING PEDESTRIAN HEAD
	NEW PEDESTRIAN HEAD
	PEDESTRIAN PUSHBUTTON
	EXISTING HANDHOLE
	NEW HANDHOLE
	NEW JUNCTION BOX
	NEW HEAVY-DUTY HANDHOLE
	NEW DOUBLE HANDHOLE
	EXISTING CONDUIT (LENGTH AND SIZE)
	NEW LUMINAIRE
	NEW GALVANIZED STEEL OR PVC CONDUIT
	UPPER NUMERAL INDICATES LENGTH
	"T" INDICATES CONDUIT IN TRENCH
	"P" INDICATES CONDUIT PUSHED
	LOWER NUMERAL INDICATES SIZE AND TYPE

**TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED**

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTACT BID PRICE.

- 1 EACH TRAFFIC SIGNAL CABINET

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE CITY OF SANDWICH'S MAINTENANCE FACILITY LOCATED AT 207 RAILROAD ST.

- 1 EACH TRAFFIC SIGNAL CONTROLLER

Service disconnect to be placed on 4x6 wood post with Commonwealth Edison Company providing underground power.

FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET, SPECIAL, UNINTERRUPTABLE POWER SUPPLY, SPECIAL, NETWORK SWITCH, AND CONCRETE FOUNDATION, TYPE C (SPECIAL)

THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS LOCATION SHALL BE "SIEMENS".

PROJECT: Default  
 FILE NAME: \\p1\lisset.pw.bentley.com\P1\DOT Documents\DOT - Offices\District 3\Projects\032666\BIC\ADD\03200579-shk\legplan-indian.dgn

 Hampton, Lenzini and Renwick, Inc. Civil Engineers - Surveyors Land Surveyors - Environmental Services 300 SHEPARD DRIVE ELGIN, ILLINOIS 60123 TEL: 847.697.6700 www.hlr-engineering.com ILLINOIS PROFESSIONAL DESIGN FIRM (S) PE / SE CORPORATION	USER NAME = carminsa PLOT SCALE = 40.4331' / in. PLOT DATE = 4/27/2022	DESIGNED - NAH DRAWN - NAH CHECKED - JAM DATE - 3/23/22	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US ROUTE 34 AND INDIAN SPRINGS MALL TRAFFIC SIGNAL PLAN</b>	SCALE: 40.4331' / in. SHEET OF SHEETS STA. TO STA.	F.A. RTE. 0591 SECTION 21-00047-00-TL COUNTY KENDALL TOTAL SHEETS 118 SHEET NO. 42 CONTRACT NO.	ILLINOIS FED. AID PROJECT
	HAMPTON, LENZINI AND RENWICK, INC.					ILLINOIS FED. AID PROJECT		



NOTES:  
 ALL ELEMENTS SHOWN ON PLAN SHEET  
 ARE EXISTING UNLESS OTHERWISE NOTED.  
 EXISTING CONDUIT

### TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED

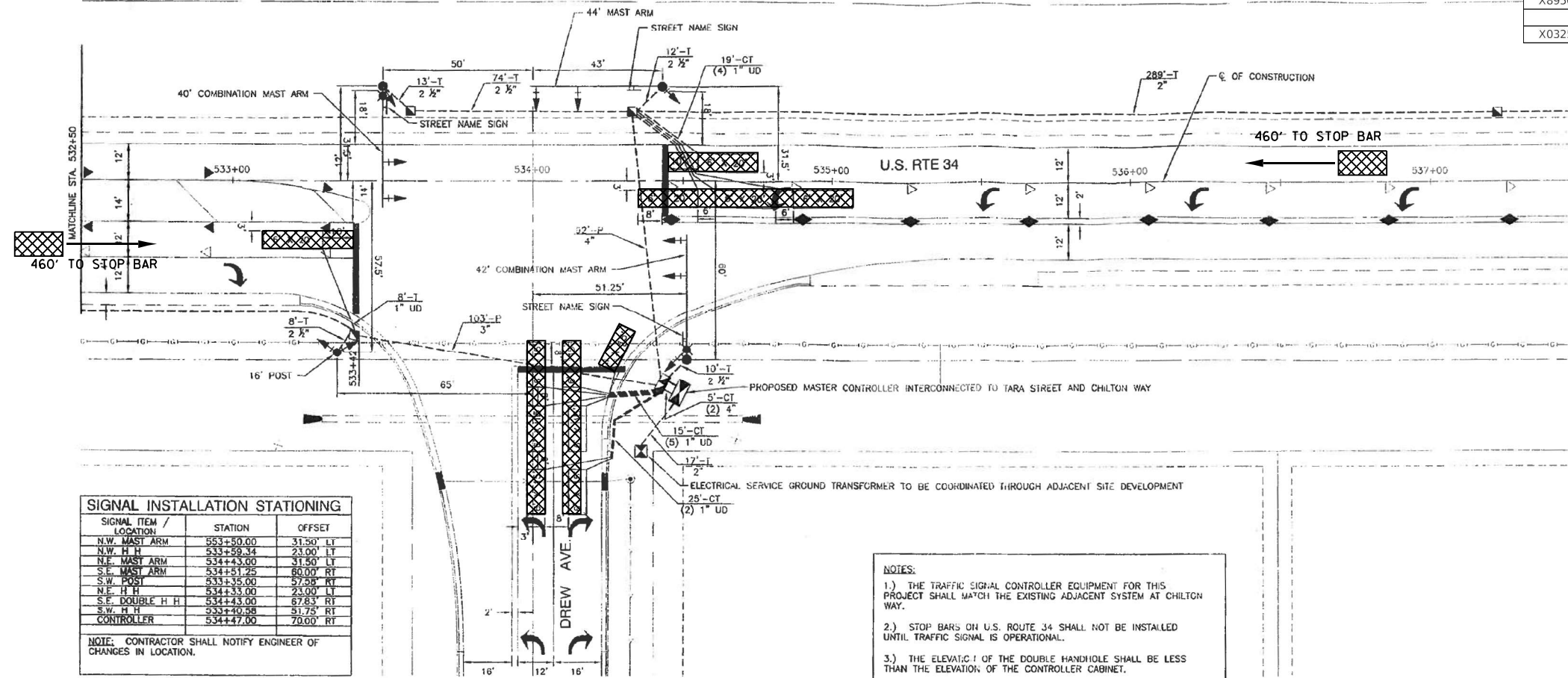
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1 EACH TRAFFIC SIGNAL CABINET

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE CITY OF SANDWICH'S MAINTENANCE FACILITY LOCATED AT 207 RAILROAD ST

1 EACH TRAFFIC SIGNAL CONTROLLER

SCHEDULE OF QUANTITIES			
PAYCODE	ITEM DESCRIPTION	UNIT	QUANTITY
72000100	SIGN PANEL-TYPE 1	SQ FT	7.5
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
86400100	TRANSCEIVER-FIBER OPTIC	EACH	2
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, 6 1C	FOOT	5
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	730
X0326885	VIDEO DETECTION SYSTEM	EACH	2
X1400182	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET	EACH	1
X0326266	ETHERNET SWITCH	EACH	1
X8620200	UNINTERRUPTABLE POWER SUPPLY, (SPECIAL)	EACH	1
87800150	CONCRETE FOUNDATION, TYPE C (SPECIAL)	FOOT	3.5
X8950100	RELOCATE EXISTING MASTER CONTROLLER	EACH	1
X0325922	CELLULAR MODEM	EACH	1



SIGNAL INSTALLATION STATIONING		
SIGNAL ITEM / LOCATION	STATION	OFFSET
N.W. MAST ARM	533+50.00	31.50' LT
N.W. H H	533+59.34	23.00' LT
N.E. MAST ARM	534+43.00	31.50' LT
S.E. MAST ARM	534+51.25	80.00' RT
S.W. POST	533+35.00	57.95' RT
N.E. H H	534+33.00	23.00' LT
S.E. DOUBLE H H	534+43.00	87.83' RT
S.W. H H	533+40.58	31.75' RT
CONTROLLER	534+47.00	70.00' RT

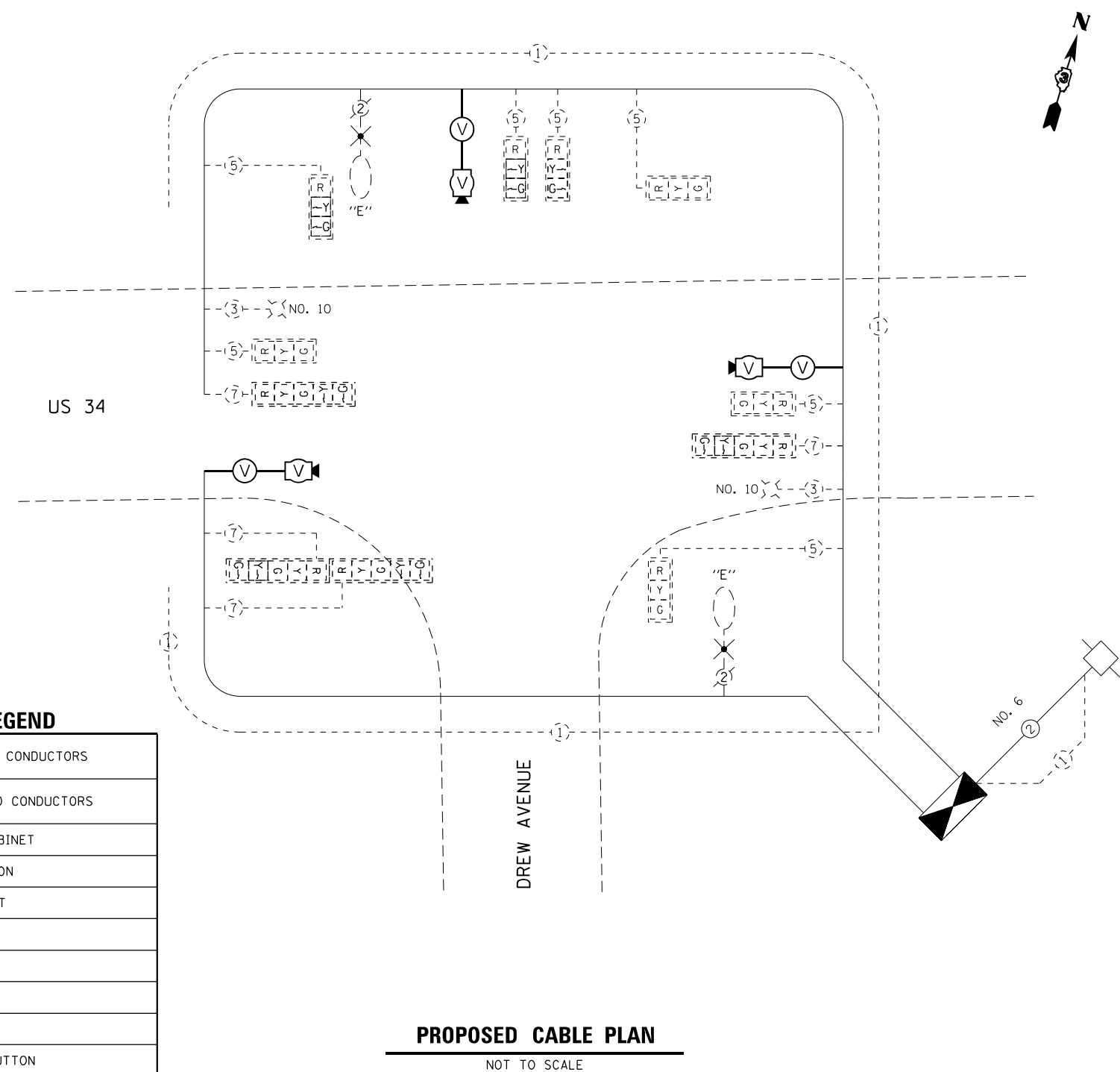
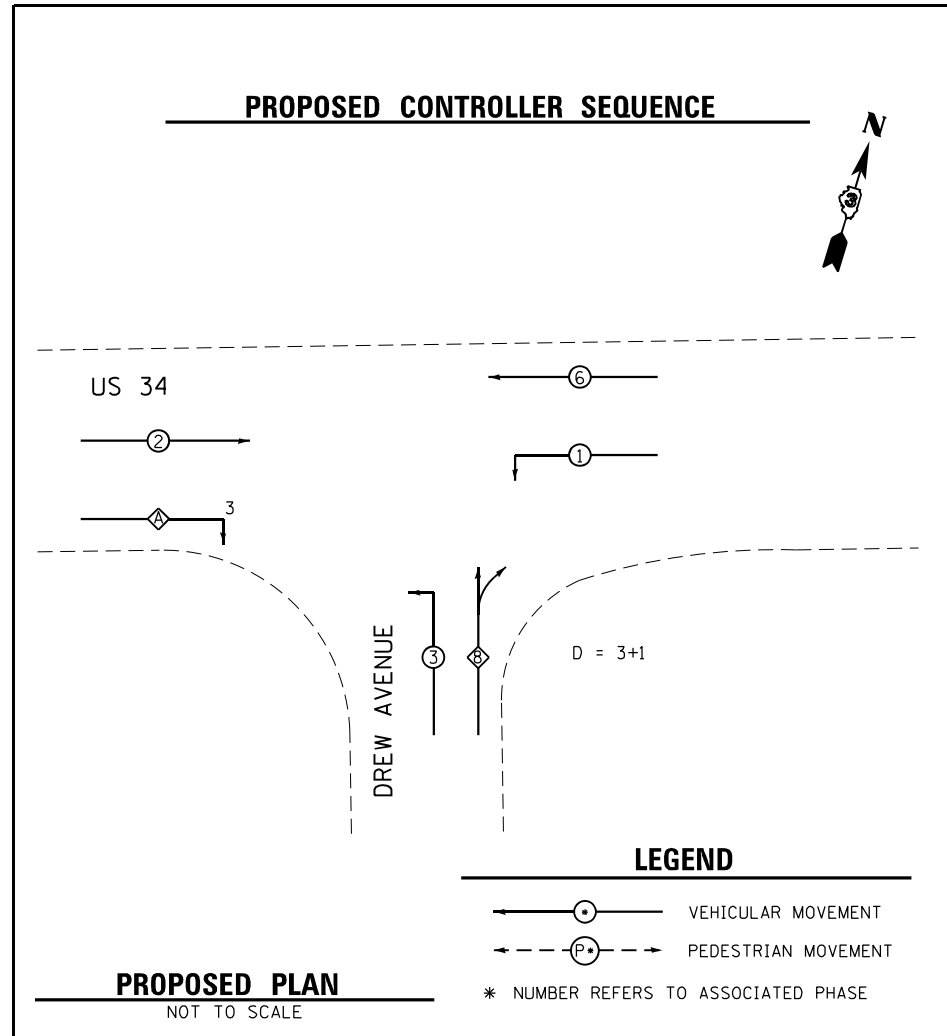
NOTE: CONTRACTOR SHALL NOTIFY ENGINEER OF CHANGES IN LOCATION.

NOTES:  
 1.) THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL MATCH THE EXISTING ADJACENT SYSTEM AT CHILTON WAY.  
 2.) STOP BARS ON U.S. ROUTE 34 SHALL NOT BE INSTALLED UNTIL TRAFFIC SIGNAL IS OPERATIONAL.  
 3.) THE ELEVATION OF THE DOUBLE HANDHOLE SHALL BE LESS THAN THE ELEVATION OF THE CONTROLLER CABINET.

TRAFFIC SIGNALS LEGEND	
	EXISTING CONTROLLER CABINET
	EXISTING SERVICE INSTALLATION
	EXISTING CONDUIT
	EXISTING SIGNAL HEAD WITH BACKPLATE
	PROPOSED SIGNAL HEAD WITH BACKPLATE
	EXISTING COMBINATION STEEL MAST ARM ASSEMBLY
	EXISTING TRAFFIC SIGNAL POST
	EXISTING HANDHOLE
	EXISTING DOUBLE HANDHOLE
	EXISTING JUNCTION BOX
	EXISTING PEDESTRIAN SIGNAL HEAD
	EXISTING PEDESTRIAN PUSH BUTTON
	EXISTING DETECTOR LOOP
	EXISTING CONDUIT LENGTH AND SIZE PER EXISTING PLANS
	VIDEO VEHICLE DETECTION

**FOR INFORMATION ONLY**





#### TRAFFIC SIGNALS LEGEND

	DENOTES NUMBER OF EXISTING CONDUCTORS
	DENOTES NUMBER OF PROPOSED CONDUCTORS
	EXISTING CONTROLLER AND CABINET
	EXISTING SERVICE INSTALLATION
	EXISTING LUMINAIRE, 250 WATT
	EXISTING SIGNAL SECTION 12"
	SIGNAL SECTION 12"
	LEFT TURN GREEN
	LEFT TURN YELLOW
	EXISTING PEDESTRIAN PUSH BUTTON
	EXISTING WALK/DON'T WALK WITH COUNT DOWN TIMER
	EXISTING TRAFFIC SIGNAL BACKPLATE
	EXISTING VEHICLE DETECTOR, INDUCTION LOOP
	VIDEO DETECTION

NOTES:  
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE"

**NOTES:**

ALL ELEMENTS SHOWN ON PLAN SHEET  
ARE EXISTING UNLESS OTHERWISE NOTED.  
EXISTING CONDUIT

**TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED**

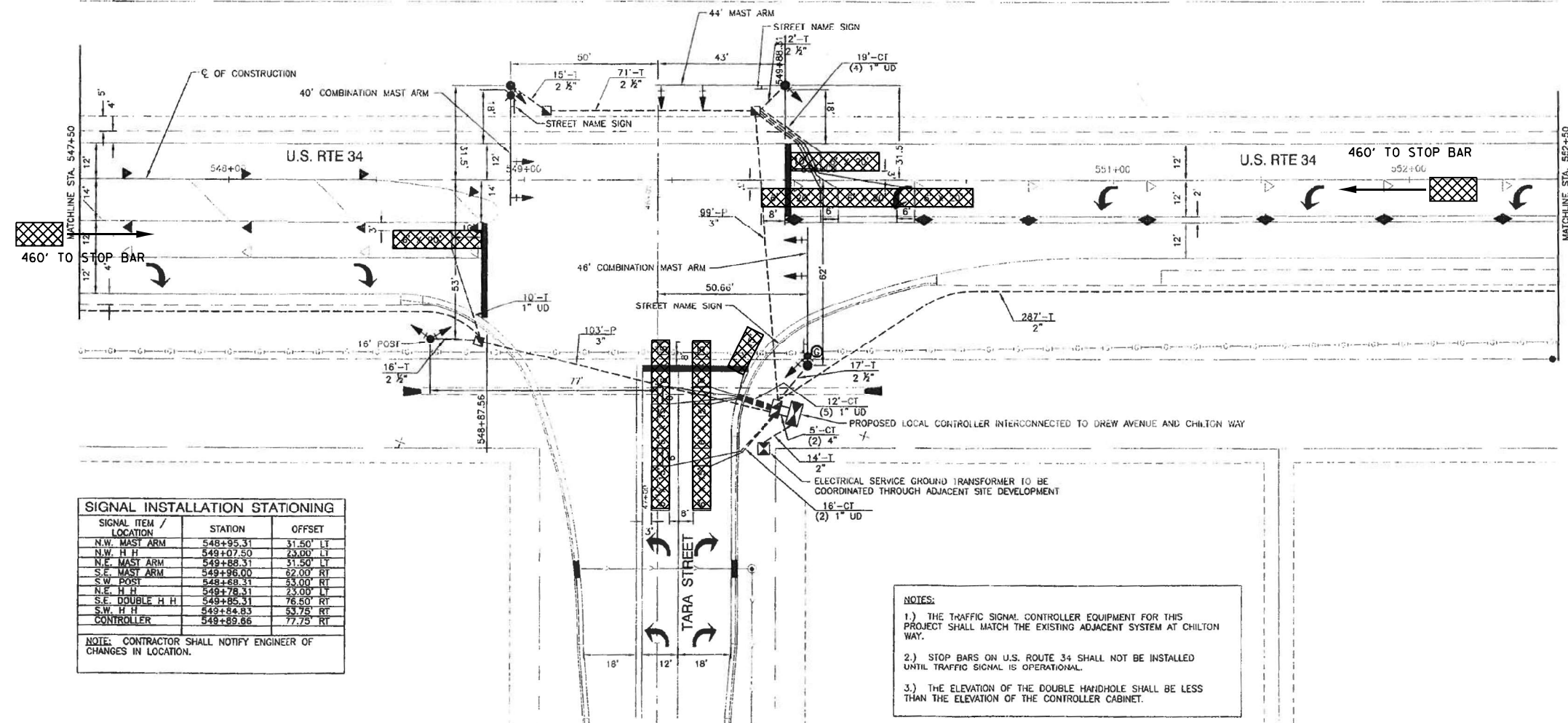
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTACT BID PRICE.

1 EACH TRAFFIC SIGNAL CABINET

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE CITY OF SANDWICH'S MAINTENANCE FACILITY LOCATED AT 207 RAILROAD ST

1 EACH TRAFFIC SIGNAL CONTROLLER

SCHEDULE OF QUANTITIES			
PAYCODE	ITEM DESCRIPTION	UNIT	QUANTITY
72000100	SIGN PANEL-TYPE 1	SQ FT	7.5
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, 6 1C	FOOT	5
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	730
X0326885	VIDEO DETECTION SYSTEM	EACH	2
X1400107	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
X0326266	ETHERNET SWITCH	EACH	1
X8620200	UNINTERRUPTABLE POWER SUPPLY, (SPECIAL)	EACH	1
87800150	CONCRETE FOUNDATION, TYPE C (SPECIAL)	FOOT	3.5
86400100	TRANSCIEVER-FIBER OPTIC	EACH	2



SIGNAL INSTALLATION STATIONING		
SIGNAL ITEM / LOCATION	STATION	OFFSET
N.W. MAST ARM	548+95.31	31.50' LT
N.W. H H	549+07.50	23.00' LT
N.E. MAST ARM	549+88.31	31.50' LT
S.E. MAST ARM	549+96.00	62.00' RT
S.W. POST	549+68.31	33.00' RT
N.E. H H	549+78.31	23.00' LT
S.E. DOUBLE H H	549+85.31	76.50' RT
S.W. H H	549+84.83	53.75' RT
CONTROLLER	549+89.86	77.75' RT

NOTE: CONTRACTOR SHALL NOTIFY ENGINEER OF CHANGES IN LOCATION.

**NOTES:**

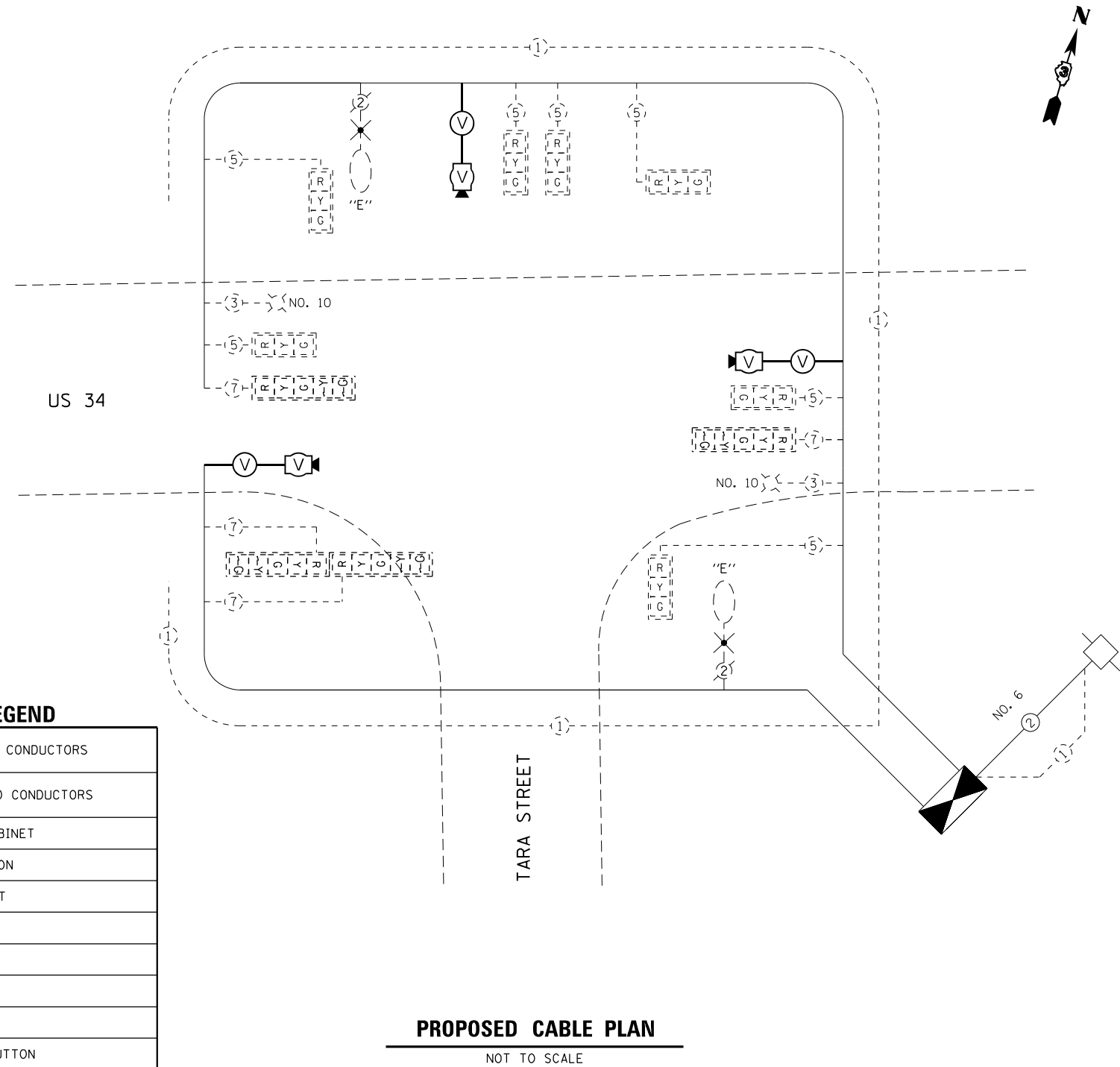
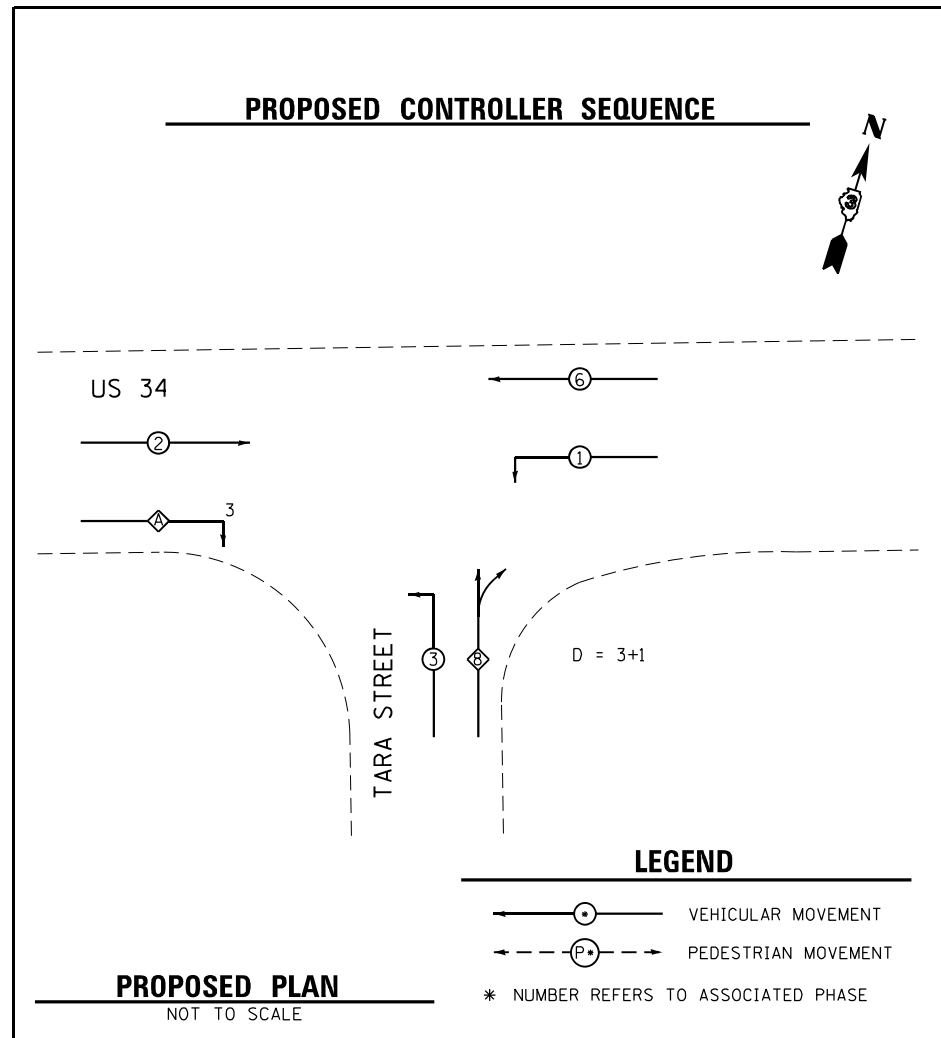
- THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL MATCH THE EXISTING ADJACENT SYSTEM AT CHILTON WAY.
- STOP BARS ON U.S. ROUTE 34 SHALL NOT BE INSTALLED UNTIL TRAFFIC SIGNAL IS OPERATIONAL.
- THE ELEVATION OF THE DOUBLE HANDHOLE SHALL BE LESS THAN THE ELEVATION OF THE CONTROLLER CABINET.

**TRAFFIC SIGNALS LEGEND**

	EXISTING CONTROLLER CABINET
	EXISTING SERVICE INSTALLATION
	EXISTING CONDUIT
	EXISTING SIGNAL HEAD WITH BACKPLATE
	PROPOSED SIGNAL HEAD WITH BACKPLATE
	EXISTING COMBINATION STEEL MAST ARM ASSEMBLY
	EXISTING TRAFFIC SIGNAL POST
	EXISTING HANDHOLE
	EXISTING DOUBLE HANDHOLE
	EXISTING JUNCTION BOX
	EXISTING PEDESTRIAN SIGNAL HEAD
	EXISTING PEDESTRIAN PUSH BUTTON
	EXISTING DETECTOR LOOP
	EXISTING CONDUIT LENGTH AND SIZE PER EXISTING PLANS
	VIDEO VEHICLE DETECTION

**FOR INFORMATION ONLY**



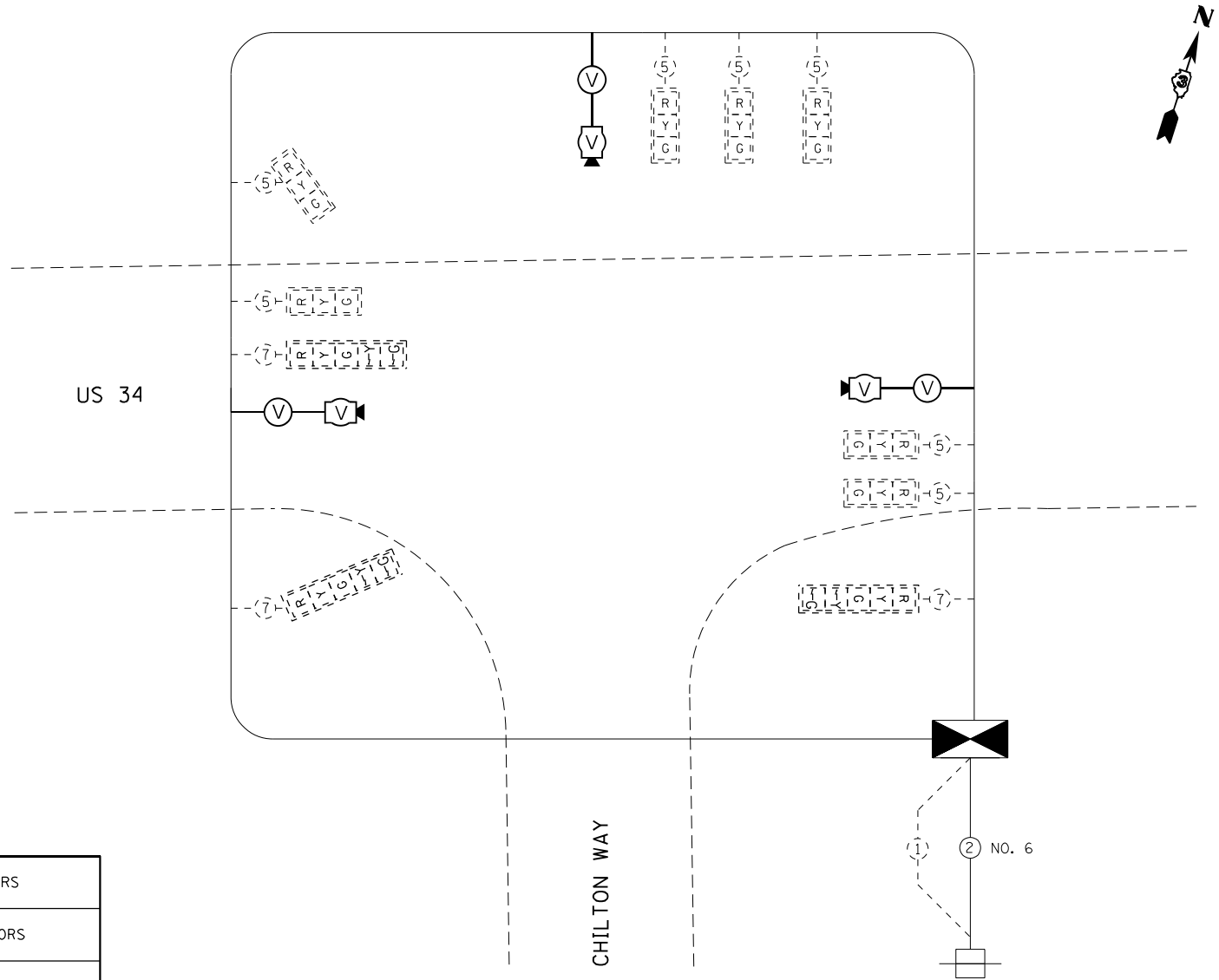
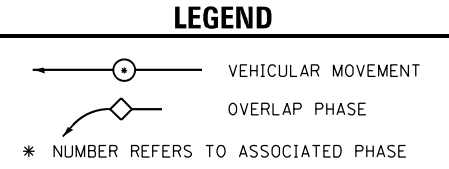
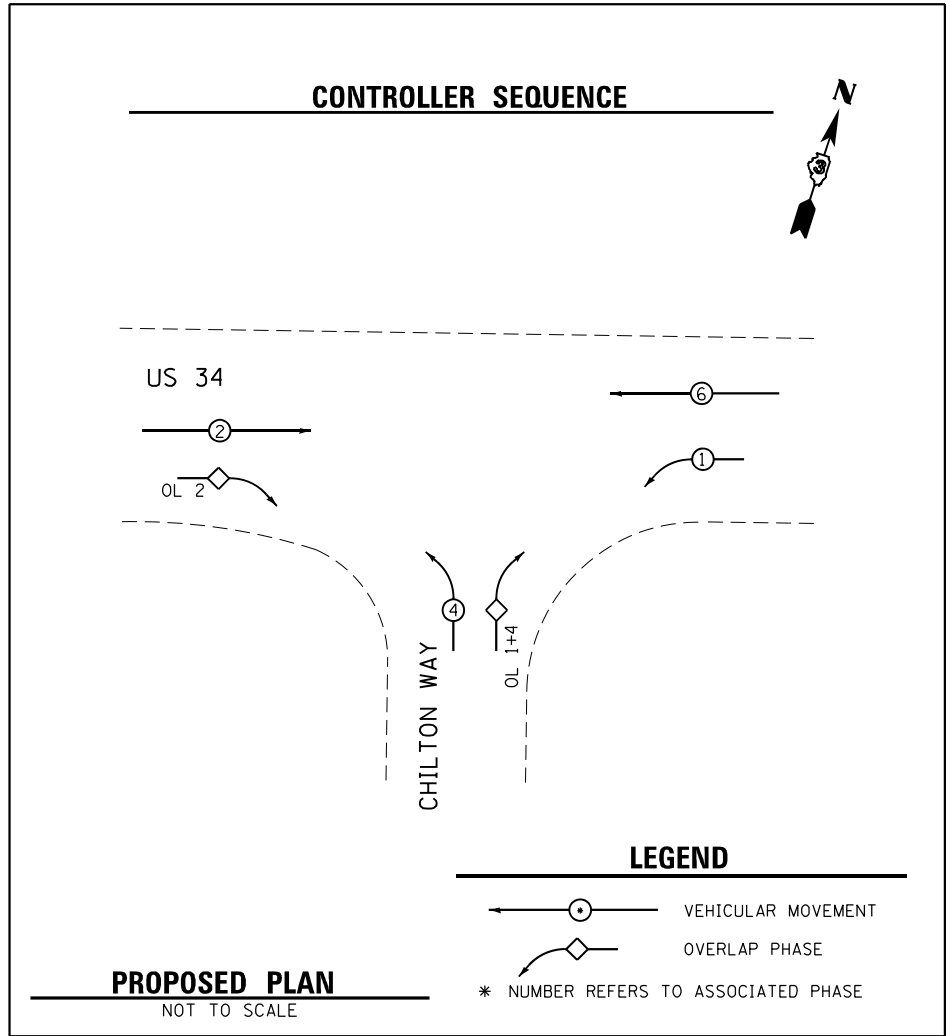


### TRAFFIC SIGNALS LEGEND

	DENOTES NUMBER OF EXISTING CONDUCTORS
	DENOTES NUMBER OF PROPOSED CONDUCTORS
	EXISTING CONTROLLER AND CABINET
	EXISTING SERVICE INSTALLATION
	EXISTING LUMINAIRE, 250 WATT
	EXISTING SIGNAL SECTION 12"
	SIGNAL SECTION 12"
	LEFT TURN GREEN
	LEFT TURN YELLOW
	EXISTING PEDESTRIAN PUSH BUTTON
	EXISTING WALK/DON'T WALK WITH COUNT DOWN TIMER
	EXISTING TRAFFIC SIGNAL BACKPLATE
	EXISTING VEHICLE DETECTOR, INDUCTION LOOP
	VIDEO DETECTION

NOTES:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE"





### TRAFFIC SIGNALS LEGEND

	DENOTES NUMBER OF EXISTING CONDUCTORS
	DENOTES NUMBER OF PROPOSED CONDUCTORS
	EXISTING CONTROLLER AND CABINET
	EXISTING SERVICE INSTALLATION
	EXISTING LUMINAIRE, 250 WATT
	EXISTING SIGNAL SECTION 12"
	SIGNAL SECTION 12"
	LEFT TURN GREEN
	LEFT TURN YELLOW
	EXISTING PEDESTRIAN PUSH BUTTON
	EXISTING WALK/DON'T WALK WITH COUNT DOWN TIMER
	EXISTING TRAFFIC SIGNAL BACKPLATE
	EXISTING VEHICLE DETECTOR, INDUCTION LOOP
	VIDEO DETECTION

NOTES:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "SIEMENS"



EXIST. CURVE EXCL\_34\_3  
 PI STA. = 367+93.55  
 $\Delta$  = 4° 02' 22" (RT)  
 D = 0° 23' 51"  
 R = 14,410.06'  
 T = 508.19'  
 L = 1,015.97'  
 E = 8.96'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 362+85.36  
 P.T. STA. = 373+01.33

EQUATION:  
 STA 362+85.36 AH =  
 STA 362+85.36 BK =

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	DRAWN - T.GRUNSTAD	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 4/27/2022	DATE - 3-25-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 34 & GLETTY ROAD TRAFFIC SIGNAL INTERCONNECT PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK,KEN	118	50
66L58				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE EXCL 34.6  
 R STA. = 379+97.81  
 Δ = 4° 32' 38" (LT)  
 D = 10° 24' 51"  
 R = 13,833.38'  
 T = 548.81'  
 L = 6,097.04'  
 E = 30.88'  
 e =  
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 374+49.00  
 P.T. STA. = 385+46.04

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DRAWN - T.GRUNSTAD	REVISIONS	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 4/27/2022	DATE - 3-25-2022	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>US ROUTE 34 &amp; FAIRWINDS CROSSING</b>			
<b>TRAFFIC SIGNAL INTERCONNECT PLAN</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK,KEN	118	51
66L58			ILLINOIS FED. AID PROJECT	





**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 34 & DAVIS STREET TO GREEN STREET  
TRAFFIC SIGNAL INTERCONNECT PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK,KEN	118	52
		66L58		
		ILLINOIS	FED. AID PROJECT	

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PLOT DATE = 4/27/2022	CHECKED - S.CARMIN	REVISED -
	DATE - 3-25-2022	REVISED -



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PLOT DATE = 4/27/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**US ROUTE 34 & WOLFE STREET TO PEARL STREET**  
**TRAFFIC SIGNAL INTERCONNECT PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK,KEN	118	53
		66L58		
		ILLINOIS	FED. AID PROJECT	





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PLOT DATE = 4/27/2022	DATE - 3-25-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 34 & CLARK STREET TO FREEMONT STREET  
 TRAFFIC SIGNAL INTERCONNECT PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK,KEN	118	54
		66L58		
ILLINOIS FED. AID PROJECT				





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PLOT DATE = 4/27/2022	DATE - 3-25-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>US ROUTE 34 &amp; DAYTON STREET TO COLFAX STREET          TRAFFIC SIGNAL INTERCONNECT PLAN</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK,KEN	118	55
		66L58		
		ILLINOIS	FED. AID PROJECT	



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PLOT DATE = 4/27/2022	CHECKED - S.CARMIN	REVISED -
	DATE - 3-25-2022	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**US ROUTE 34 & GRISWOLD SPRINGS ROAD**  
**TRAFFIC SIGNAL INTERCONNECT PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK,KEN	118	56
		66L58		
ILLINOIS FED. AID PROJECT				





EXIST. CURVE EXCL\_34\_21  
 PI STA. = 462+17.23  
 $\Delta$  = 25° 28' 22" (RT)  
 D = 2° 51' 24"  
 R = 2,005.78'  
 T = 453.36'  
 L = 891.74'  
 E = 50.60'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 457+63.86  
 P.T. STA. = 466+55.61

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PLOT DATE = 4/27/2022	DATE - 3-25-2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>US ROUTE 34 &amp; DUVICK AVE          TRAFFIC SIGNAL INTERCONNECT PLAN</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	DEK,KEN	118	57
		66L58		
		ILLINOIS	FED. AID PROJECT	



MODEL: Defaulr  
 FILE NAME: p:\Illinois\pwr\_bentley.com\pwwd\DOT\Documents\DOT Offices\District 3\Projects\33661581\CA\DD\Draw66158108 Interconnect Duvick to Indian Springs

**Hampton, Lenzi and Renwick, Inc.**  
 Civil Engineers • Structural Engineers  
 Land Surveyors • Environmental Services  
 360 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60120  
 TEL: 815.398.8477 FAX: 815.398.8700 www.HLRengineering.com  
 ILLINOIS PROFESSIONAL DESIGN FIRM L.L.P. / S.E. CORPORATION

USER NAME = carminse	DESIGNED - NAH	REVISED -
PLOT SCALE = 100.5910' / in.	DRAWN - NAH	REVISED -
PLOT DATE = 4/27/2022	CHECKED - JAM	REVISED -
	DATE - 3/23/22	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**US ROUTE 34 TRAFFIC SIGNAL INTERCONNECT**  
**DUVICK TO INDIAN SPRINGS - PLAN**

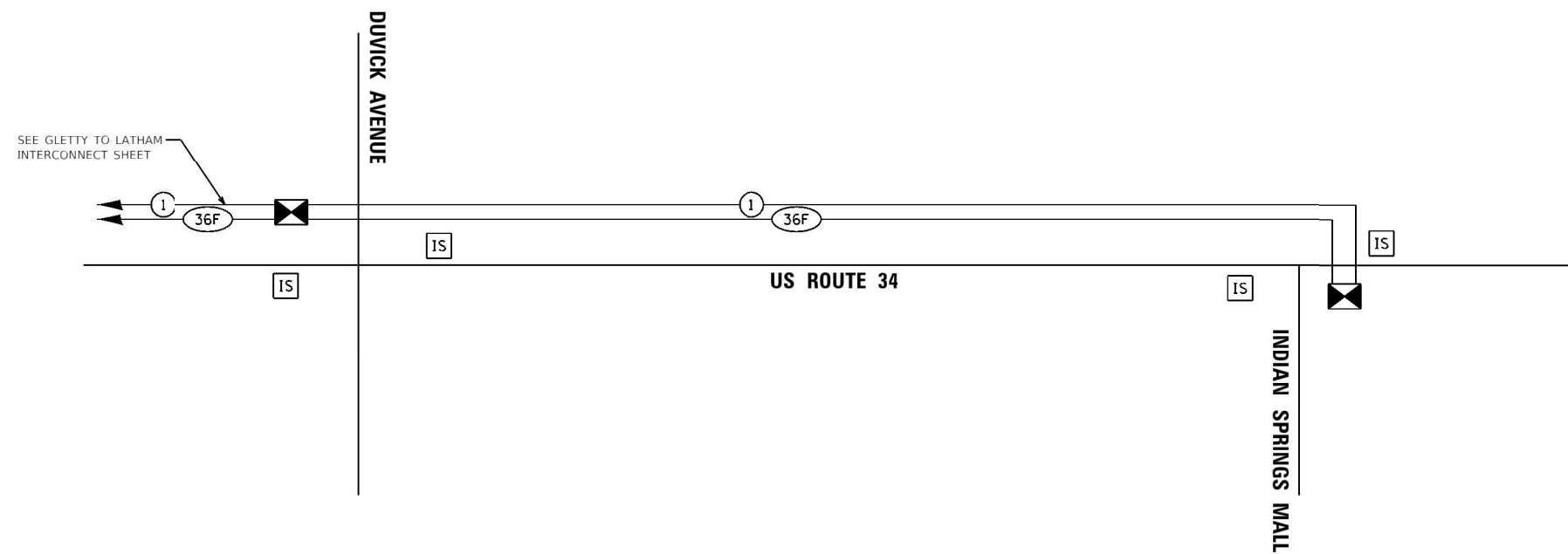
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0591	21-00047-00-TL	KENDALL	118	58
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



**INTERCONNECT NOTES**

- 1) THE WESTBOUND AND EASTBOUND FAR BACK VIDEO DETECTION ZONES SHALL BE SET UP AS SYSTEM DETECTORS ON THE MASTER CONTROLLER.
- 2) THE EXISTING US ROBOTICS MODEM AND TELEPHONE LINE LOCATED IN THE DUVICK AVENUE CABINET SHALL BE DISCONNECTED FROM THE TRAFFIC SIGNAL CONTROLLER AND LEFT INSIDE THE TRAFFIC SIGNAL CABINET.
- 3) THE CONTRACTOR SHALL TERMINATE A MINIMUM OF SIX (6) MULTI-MODE FIBERS AND SIX (6) SINGLE-MODE FIBERS ON EACH END OF FIBER. THIS COST SHALL BE INCLUDED IN WITH THE FIBER OPTIC CABLE ITEM.
- 4) THE SINGLE-MODE FIBERS SHALL BE CONNECTED TO THE NETWORK SWITCH.

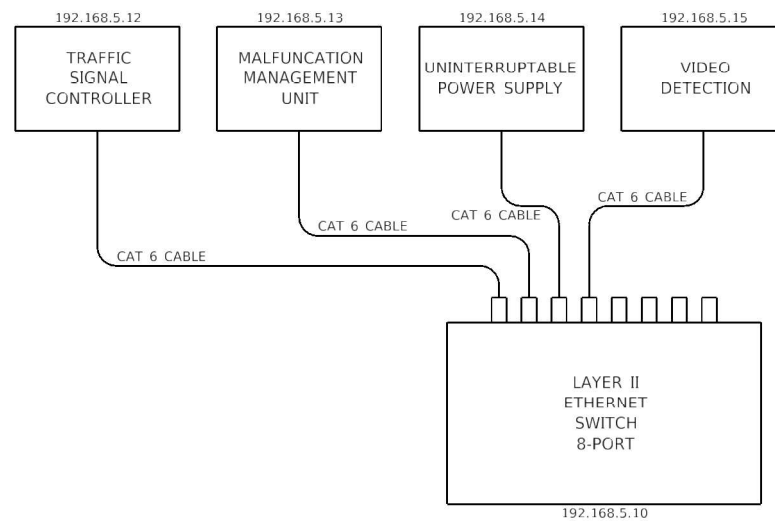


**SCHEDULE OF QUANTITIES**

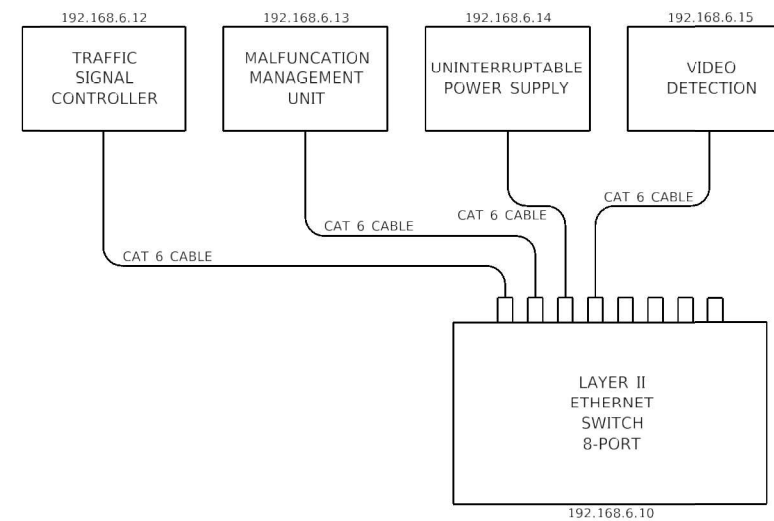
ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	836
HEAVY-DUTY HANDHOLE	EACH	1
DRILL EXISTING HANDHOLE	EACH	1
DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1405
FIBER OPTIC CABLE IN CONDUIT, NO. 7, MM12F, SM24F	FOOT	1405

**INTERCONNECT SCHEMATIC**

THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT USED FOR THESE LOCATIONS SHALL BE "SIEMENS".



**ITS DETAIL - US ROUTE 34 AND DUVICK AVENUE**



**ITS DETAIL - US ROUTE 34 AND INDIAN SPRINGS MALL**

MODEL: D:\Auto\... FILE NAME: ...

**Hampton, Lenzini and Renwick, Inc.**  
 Civil Engineers • Structural Engineers  
 Land Surveyors • Environmental Services  
 380 SHEPARD DRIVE  
 ELGIN, ILLINOIS 60120  
 847.597.8700 www.hlrengineering.com  
 ILLINOIS PROFESSIONAL DESIGN FIRM (S) / PE / SE CORPORATION

USER NAME = carminsa	DESIGNED - NAH	REVISED -
PLOT SCALE = 101.8717' / in.	DRAWN - NAH	REVISED -
PLOT DATE = 4/27/2022	CHECKED - JAM	REVISED -
	DATE - 3/23/22	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

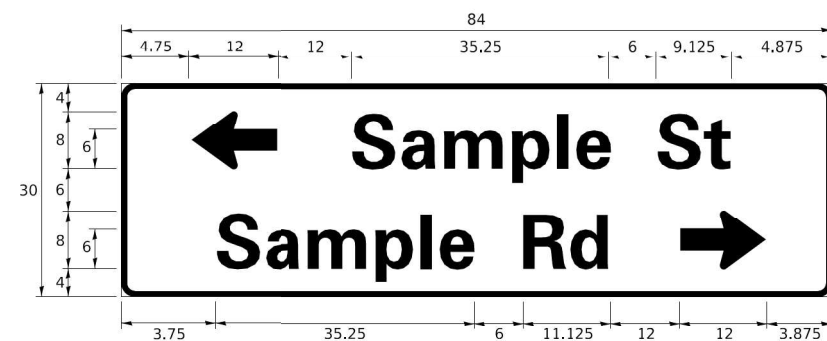
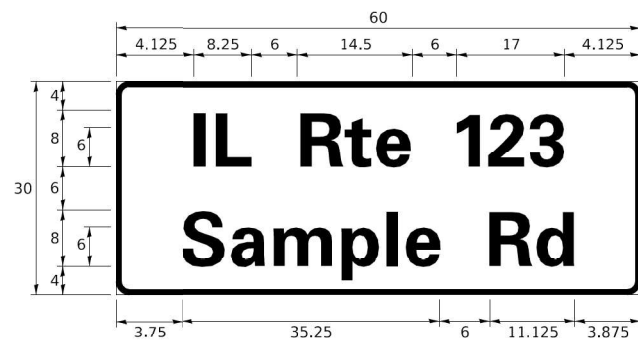
**US ROUTE 34 TRAFFIC SIGNAL INTERCONNECT  
DUVICK TO INDIAN SPRINGS - SCHEMATIC**

SCALE: 101.8717' / in SHEET OF SHEETS STA. TO STA.

F.A. RTE. 0591	SECTION 21-00047-00-TL	COUNTY KENDALL	TOTAL SHEETS 118	SHEET NO. 59
CONTRACT NO.				ILLINOIS FED. AID PROJECT



**SIGN PANEL – TYPE 1 OR TYPE 2**



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

**COMMON STREET NAME ABBREVIATIONS AND WIDTHS**

NAME	ABBREVIATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Bld	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

**GENERAL NOTES**

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

**LOCAL SUPPLIERS:**

- J.O. HERBERT COMPANY, INC  
MIDLOTHIAN, VA

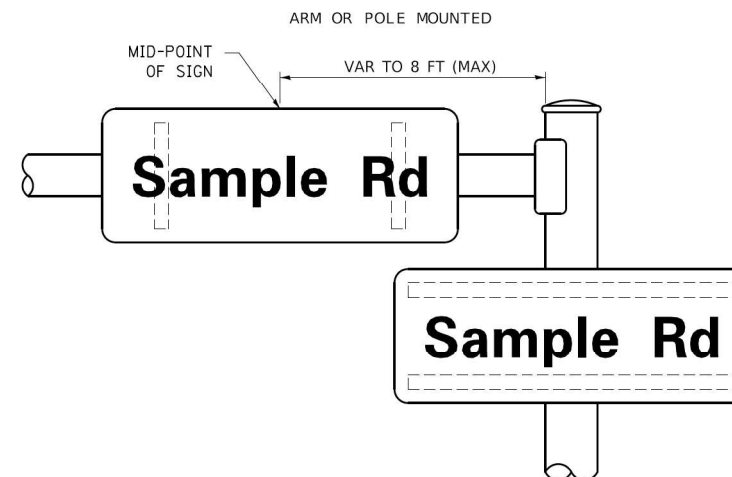
- WESTERN REMAC, INC.  
WOODRIDGE, IL

**PARTS LISTING:**

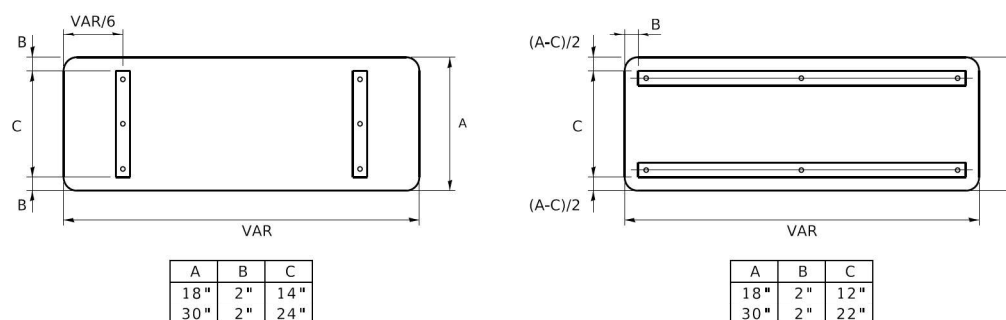
SIGN CHANNEL  
SIGN SCREWS  
PART #HPN053 (MED. CHANNEL)  
1/4" x 14 x 1" H.W.H. #3  
SELF TAPPING WITH NEOPRENE WASHER  
PART #HPN034 (UNIVERSAL)  
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

**MOUNTING LOCATION**



**SUPPORTING CHANNELS**



**STANDARD ALPHABETS SPACING CHART**

(8") UPPER CASE AND (6") LOWER CASE

CHARACTER	FHWA SERIES "C"			FHWA SERIES "D"			
	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

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PLOT DATE = 3/4/2019		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAST ARM MOUNTED STREET NAME SIGNS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TS-02			
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

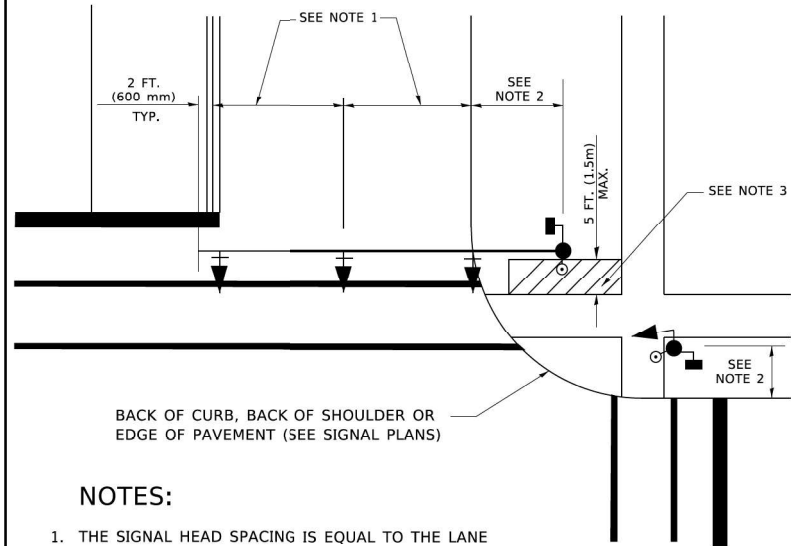
**TRAFFIC SIGNAL DETAILS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,SW	DEK/KN	118	60
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				



**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST**

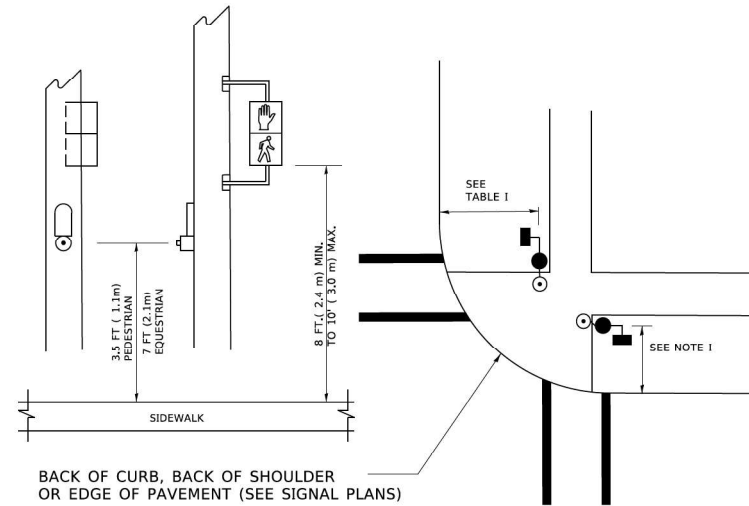
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



**NOTES:**

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

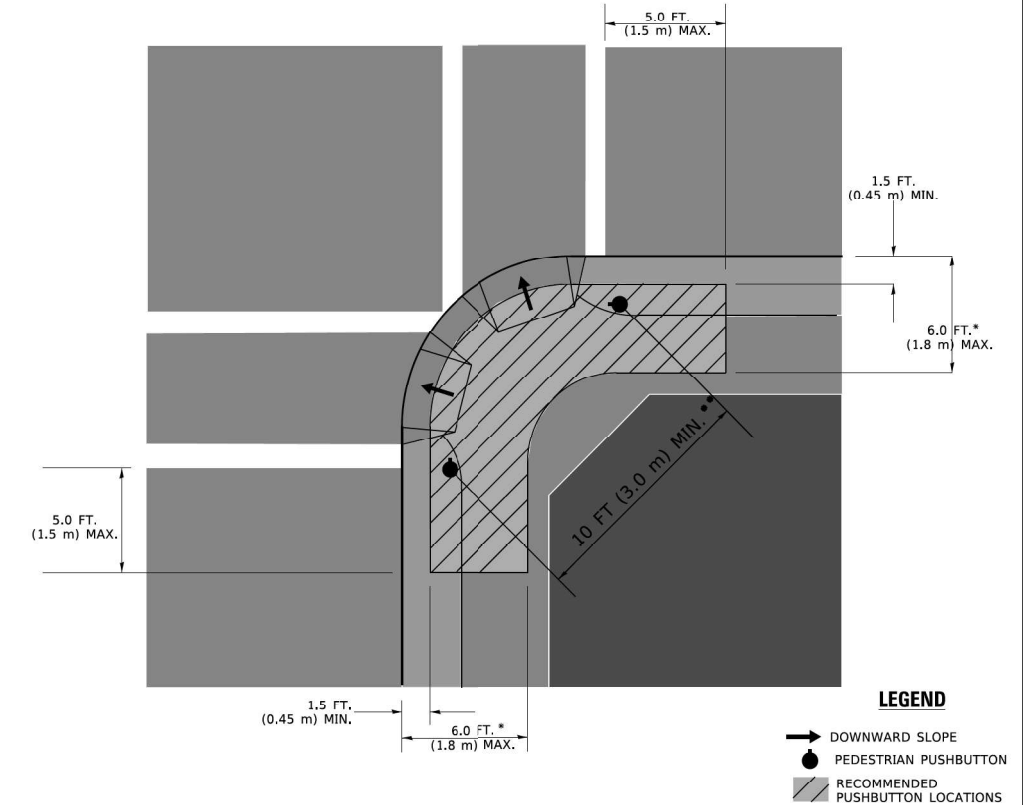
**PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST**



**NOTES:**

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

**RECOMMENDED PUSHBUTTON LOCATIONS**



**LEGEND**

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- \* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT ( 1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- \*\* WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

**NOTES:**

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

**TRAFFIC SIGNAL EQUIPMENT OFFSET**

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

**NOTES:**

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TS-05			
ILLINOIS FED. AID PROJECT			CONTRACT NO.	

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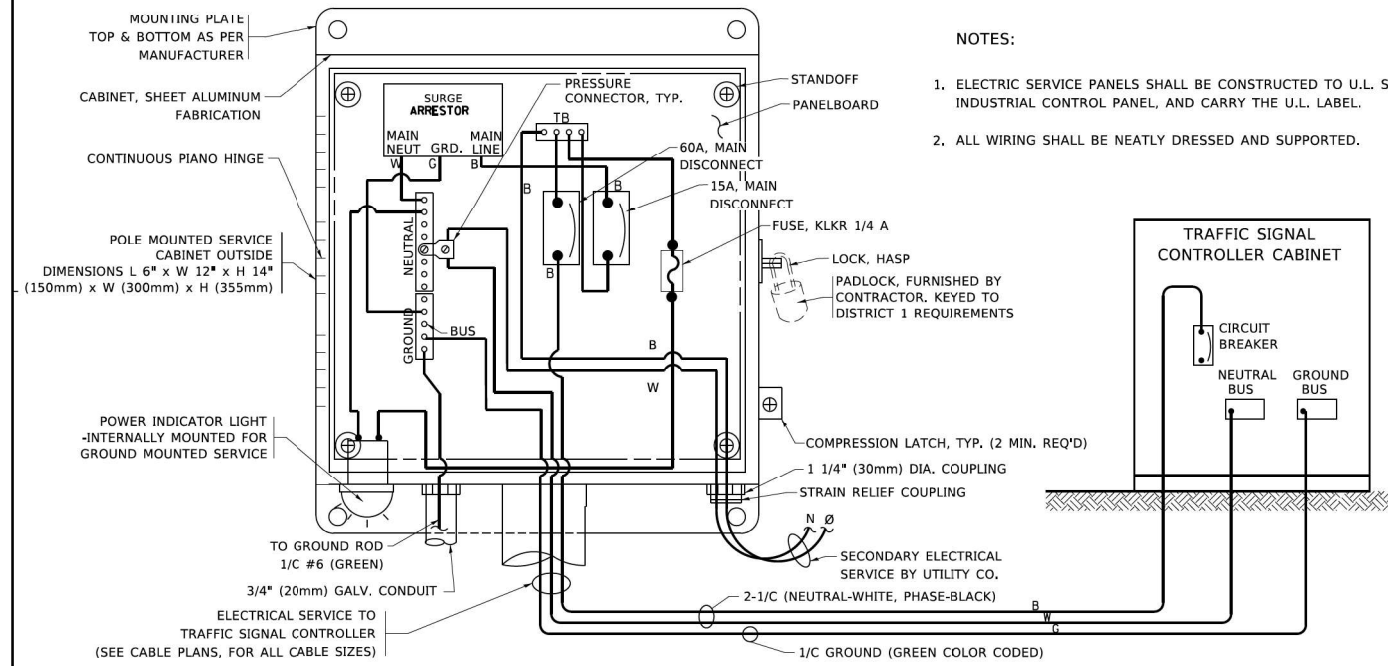
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL DETAILS**

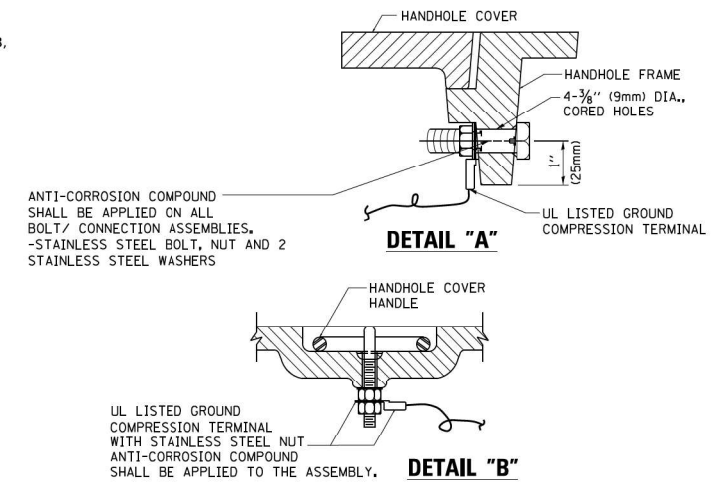
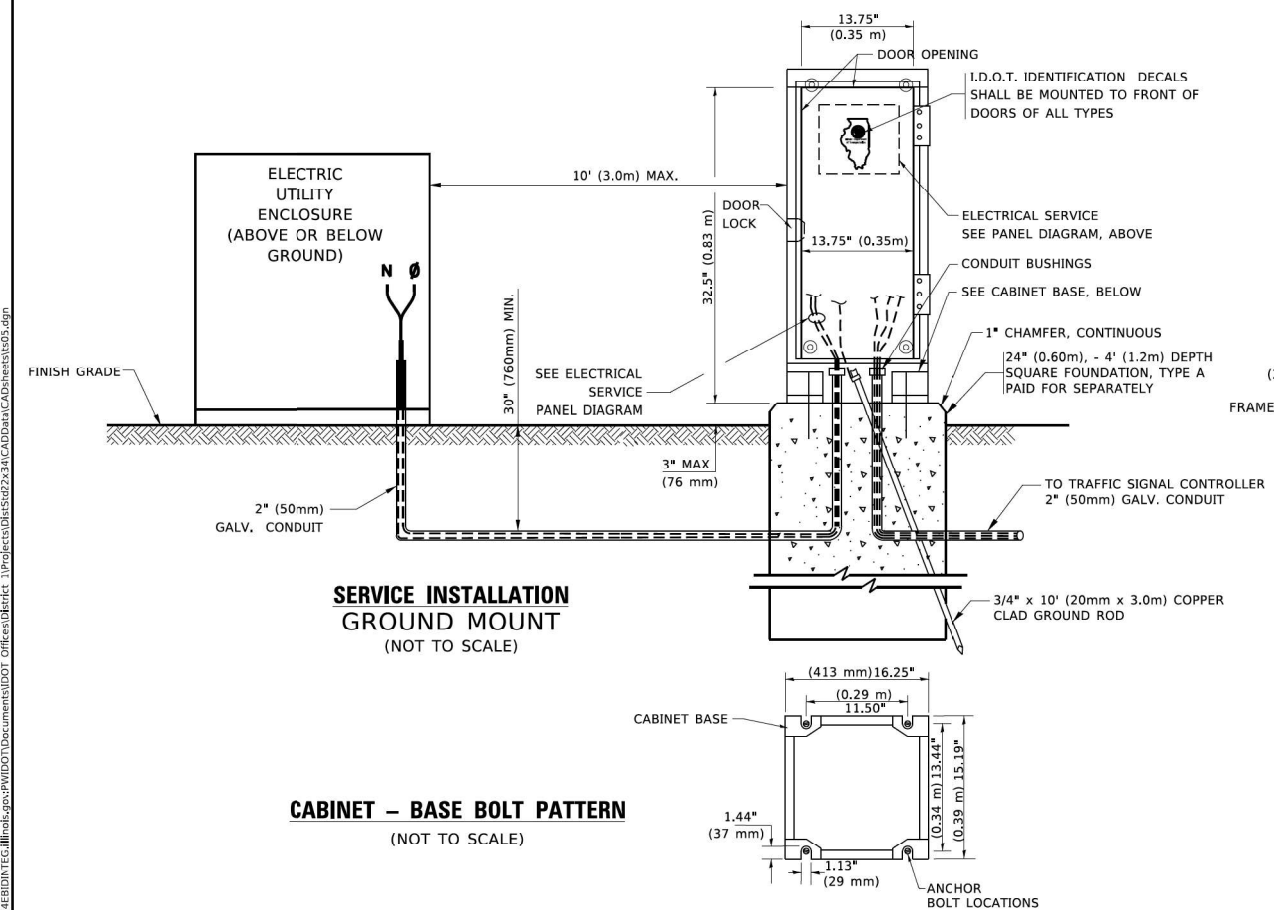
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 66158	

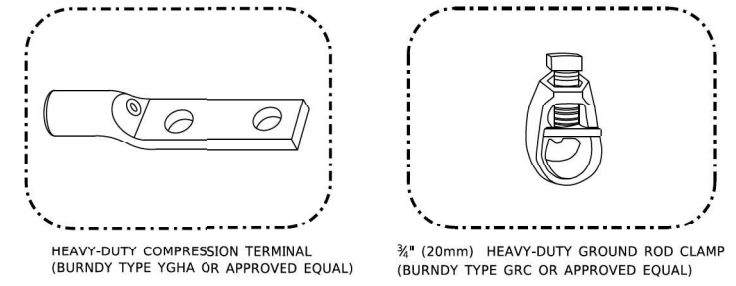
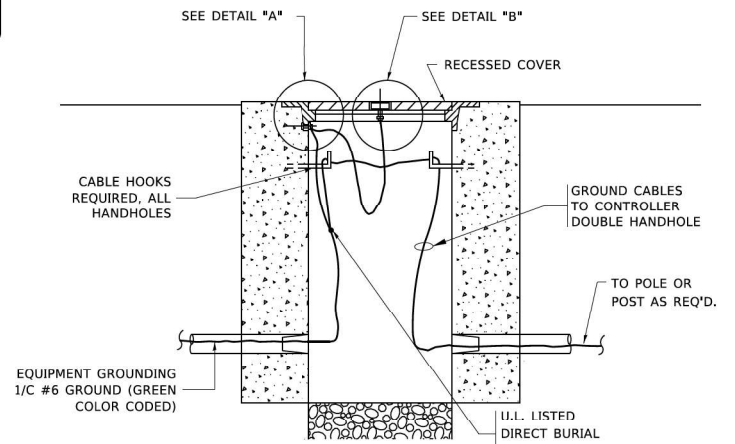




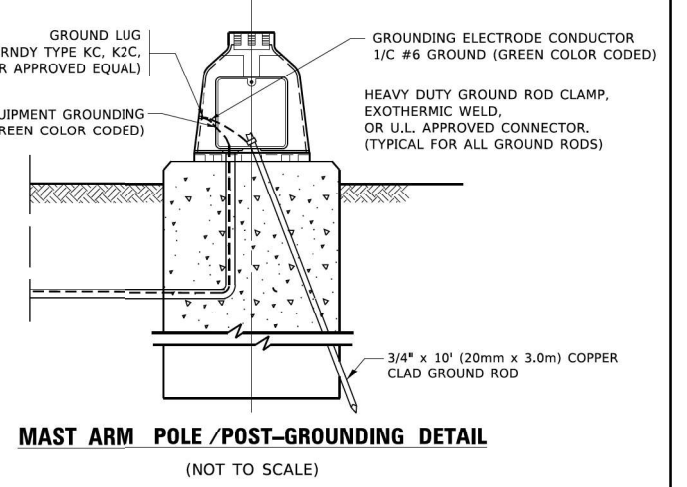
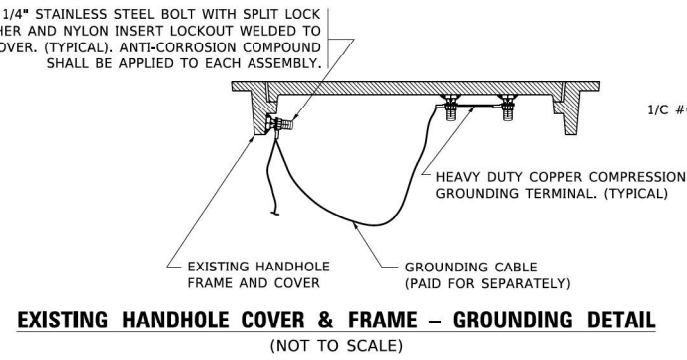
**ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**  
**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
 (NOT TO SCALE)



- NOTES:**
- GROUNDING SYSTEM**
- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HAND-HOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
  - THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
  - ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
  - THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

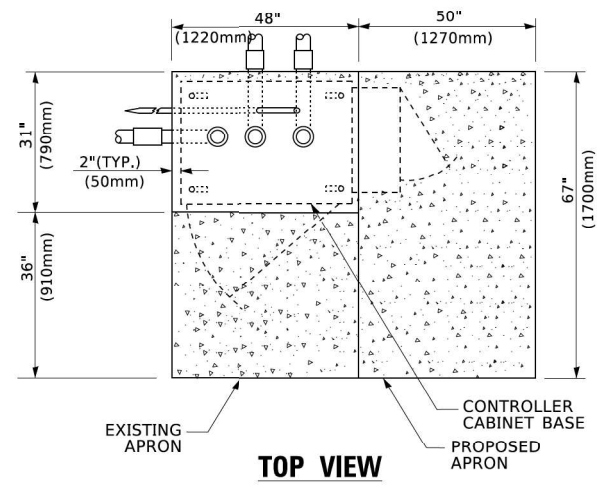


- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
  - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.

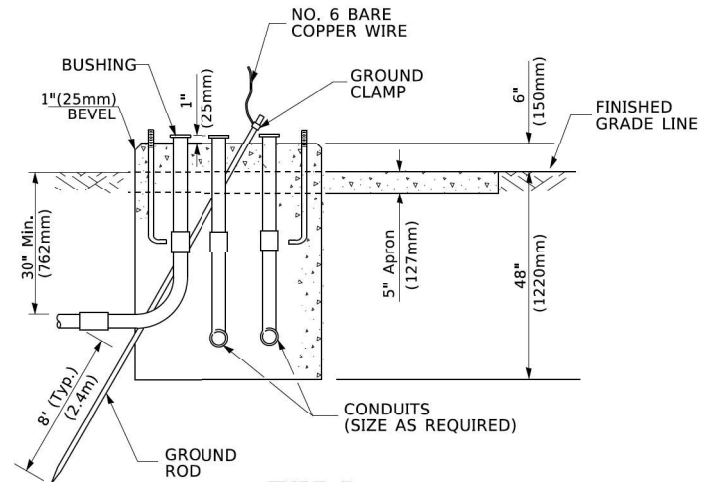


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PLOT DATE = 3/4/2019	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT					
DATE -	REVISED -	REVISED -								

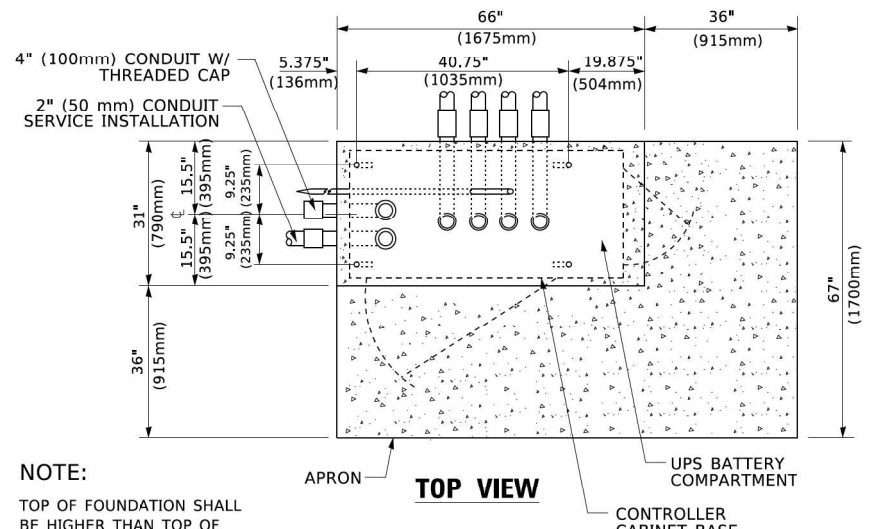
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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -			<b>591 (15A,15R)RS-6,SW</b> DEK/KN 118 62 A					
PLOT DATE = 4/27/2022	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT					
DATE -	REVISED -	REVISED -			CONTRACT NO. 66L58					



**TOP VIEW**

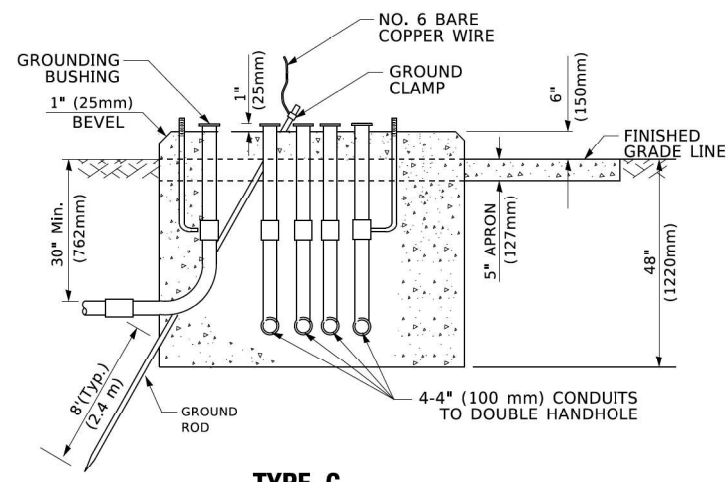


**TYPE D  
FOR GROUND MOUNTED  
CONTROLLER CABINET  
AND UPS BATTERY CABINET**

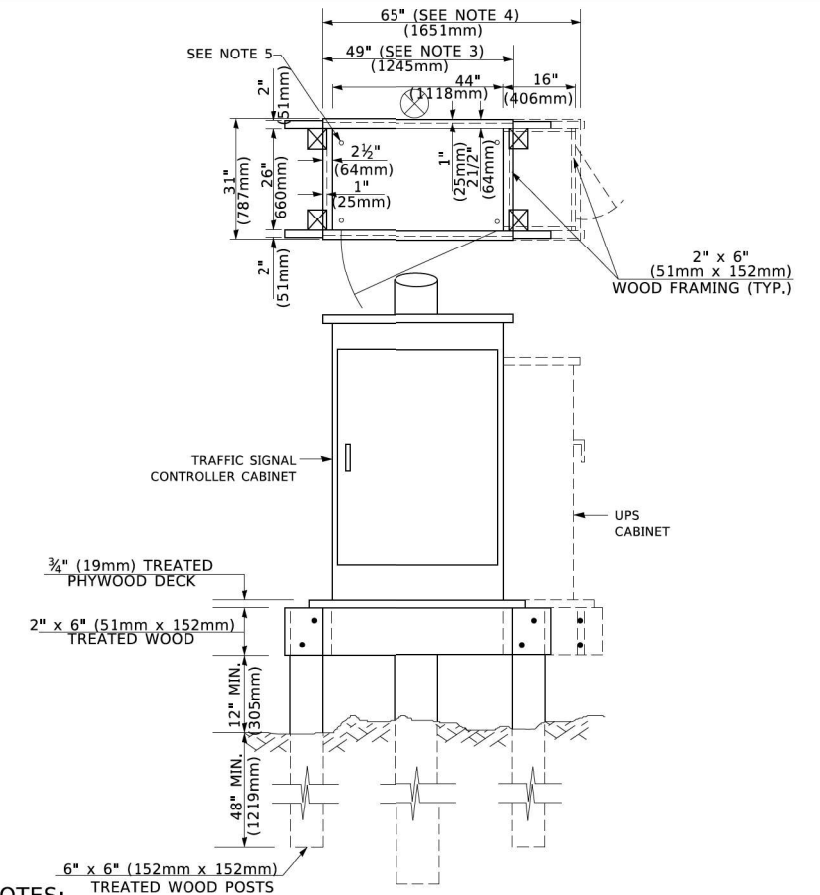


**TOP VIEW**

**NOTE:**  
TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C  
FOR GROUND MOUNTED  
SUPER P (TYPE IV) AND SUPER R (TYPE V)  
CONTROLLER CABINETS**



**NOTES:**

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER  
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

**CABLE SLACK**

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

**VERTICAL CABLE LENGTH**

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

**DEPTH OF FOUNDATION**

Mast Arm Length	Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

**NOTES:**

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

**DEPTH OF MAST ARM FOUNDATIONS, TYPE E**

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TS-05 CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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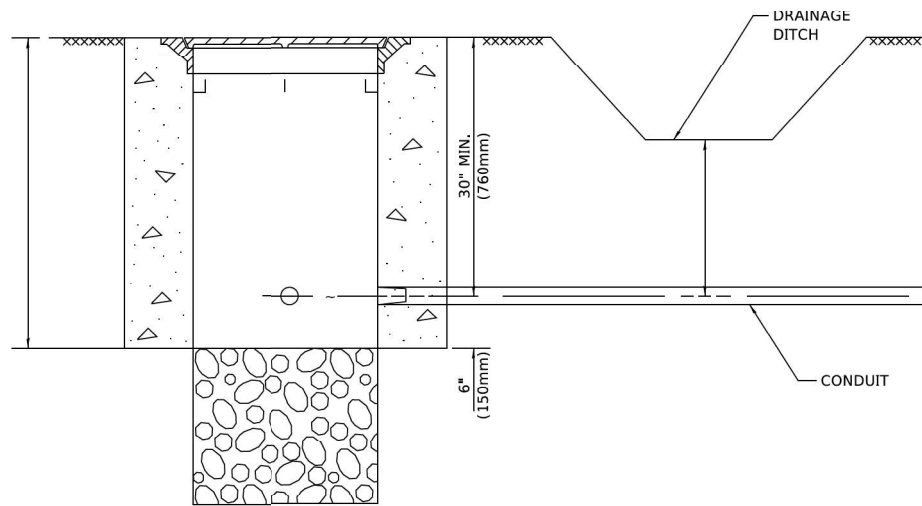
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL DETAILS**

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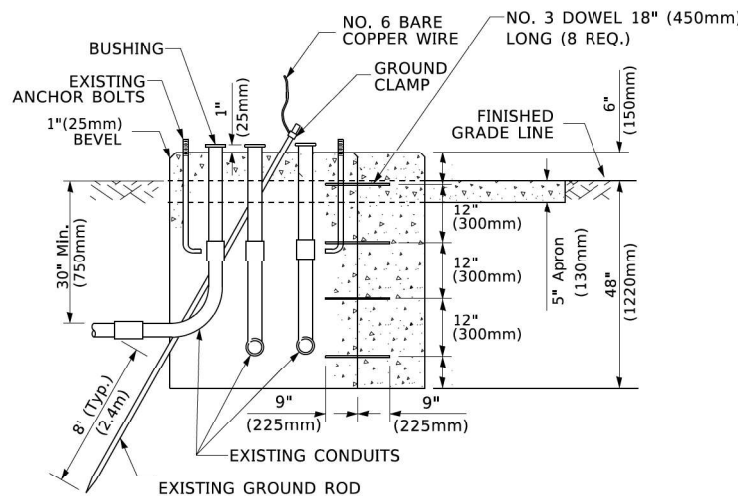
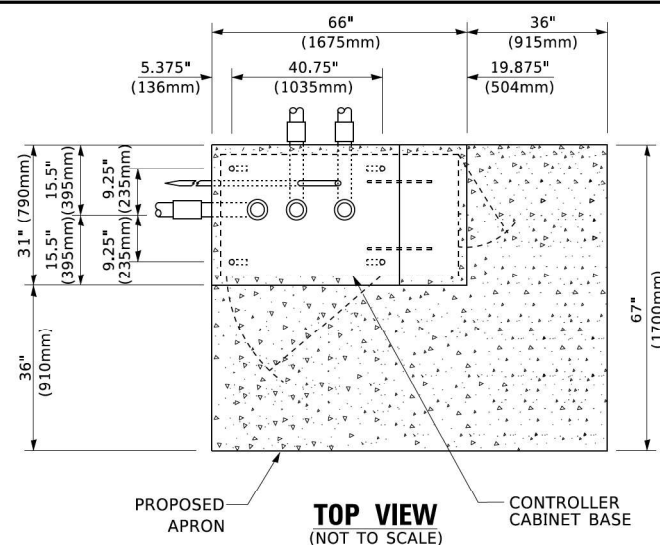
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,SW	DEK/KN	118	62 B
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

**HANDHOLE WITH MINIMUM CONDUIT DEPTH**  
(NOT TO SCALE)

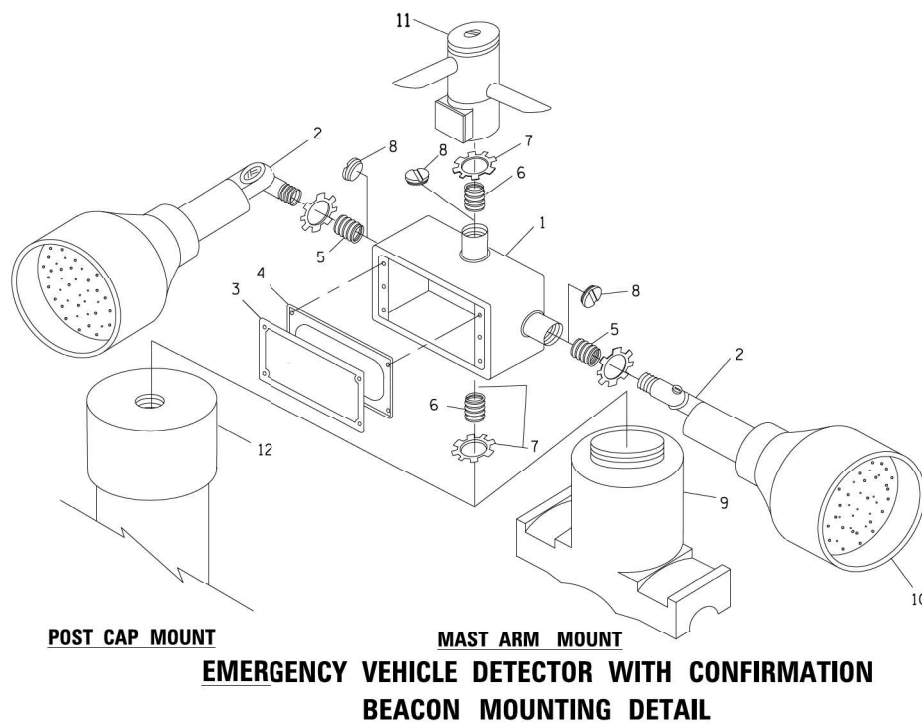


**MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION**  
(NOT TO SCALE)

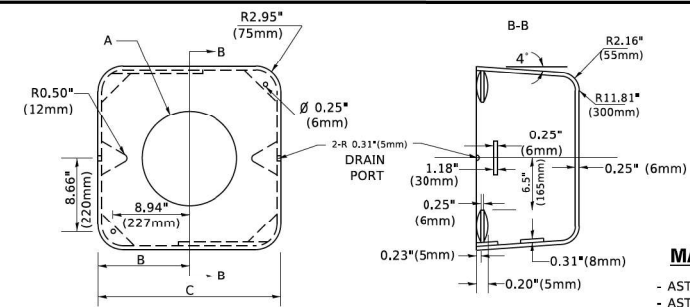
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

**NOTES:**

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT  
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT  
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



**POST CAP MOUNT**  
**MAST ARM MOUNT**  
**EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL**



**MATERIAL**  
- ASTM A36 STEEL  
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

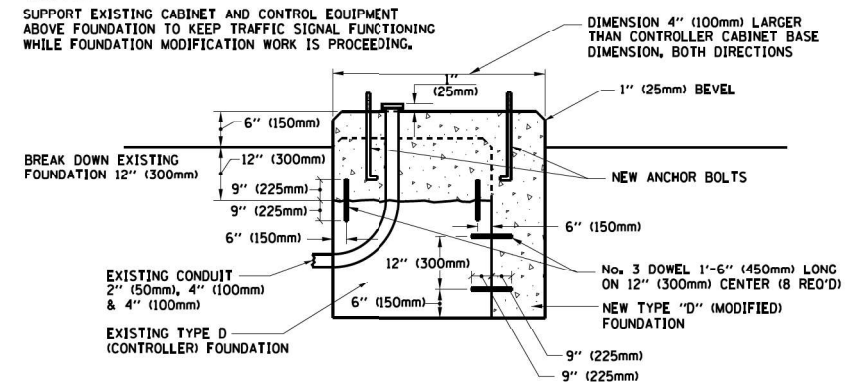
**SHROUD**

**NOTES:**

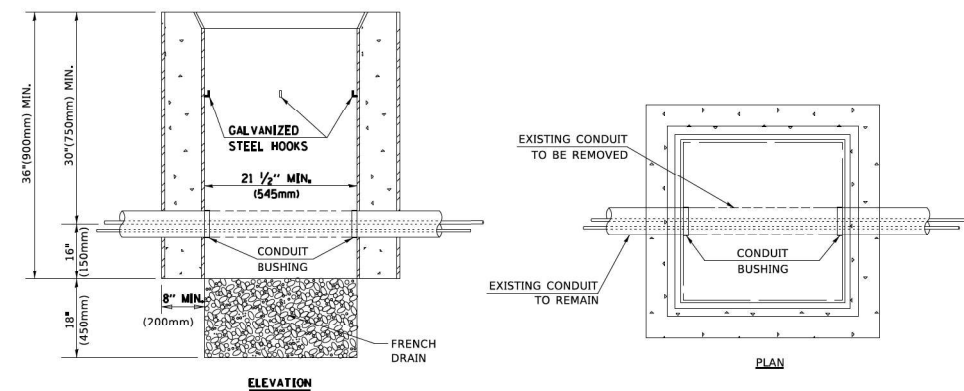
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

**NOTE:**

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



**MODIFY EXISTING TYPE "D" FOUNDATION**



**NOTES:**

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

**HANDHOLE TO INTERCEPT EXISTING CONDUIT**

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	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 6 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TS-05			
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,SW	DEK/KN	118	62 C
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				

**EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION**

	1		5			8			8			11			11			14			18			18			22			22			26			26			PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	CLEAR TO NORMAL SEQUENCE
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z	1AA	1BB	1CC	1DD	1EE	1FF	2	3									
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2	OR	3	1C	2	1E	1F	3	1H	2	1K	1L	3	2	1P	1Q	3	OR	3	1T	1U	2	1W	3	1Y	1Z	2	1BB	3	1DD	1EE	2	3			◇					
MAIN STREET E/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇				
MAIN STREET E/B FAR RIGHT SIGNAL	R	R	R	R	R	R	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇			
MAIN STREET W/B END MAST ARM AND FAR LEFT SIGNALS	R	G	G	G	Y	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇			
MAIN STREET W/B FAR RIGHT SIGNAL	R	G	G	G	Y	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇			
CROSS STREET S/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇		
CROSS STREET S/B FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇		
CROSS STREET N/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇	
CROSS STREET N/B FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇	
PEDESTRIAN SIGNALS CROSSING CROSS STREET ON NORTHSIDE OF MAIN STREET	H	FH	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◇	
PEDESTRIAN SIGNALS CROSSING CROSS STREET ON SOUTHSIDE OF MAIN STREET	H	H	H	H	H	H	FH	H	FH	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◇	
PEDESTRIAN SIGNALS CROSSING MAIN STREET ON EASTSIDE OF CROSS STREET	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◇	
PEDESTRIAN SIGNALS CROSSING MAIN STREET ON WESTSIDE OF CROSS STREET	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◇	

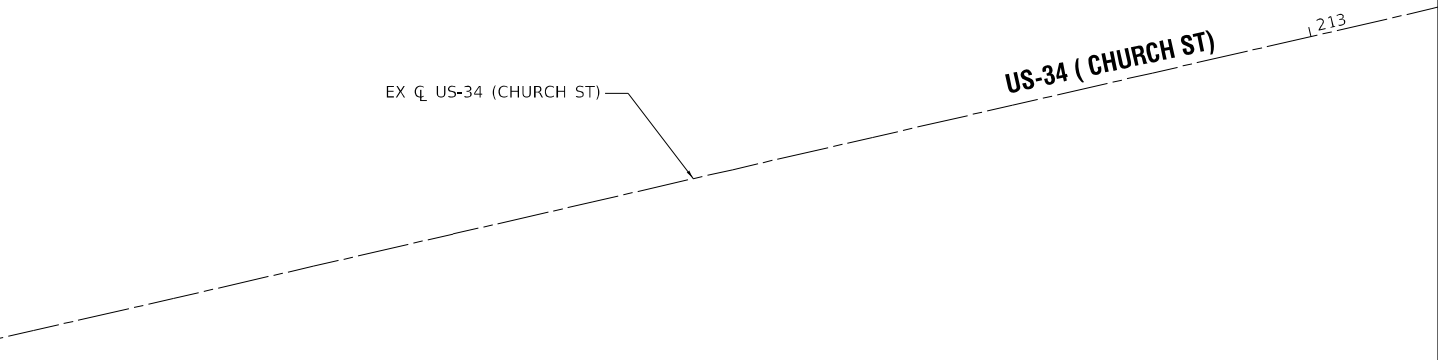
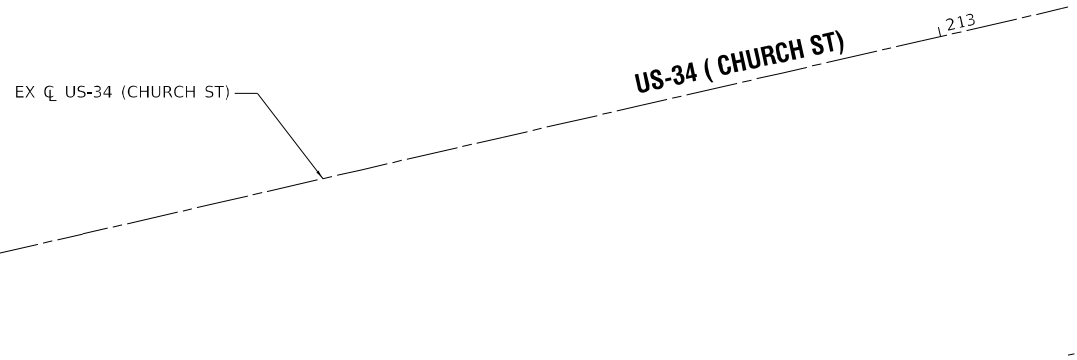
◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY INTERVAL AFTER EMERGENCY VEHICLE 2 OR 3 IS TERMINATED.

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PLOT DATE = 3/4/2019	DATE -	REVISED -						ILLINOIS		FED. AID PROJECT		

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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				591 (15A,15R)RS-6,SW		DEK/KEN 118 62 D		
PLOT DATE = 4/27/2022	DATE -	REVISED -						ILLINOIS		FED. AID PROJECT		





DAVIS ST

DAVIS ST



DAVIS ST (SE) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 67.5 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 = 34.6 FT  
 SIDEWALK REMOVAL = 42.0 SQ FT

NOTES:

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL

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	DRAWN - RK	REVISED -
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PLOT DATE = 3/28/2022	DATE - 3/18/2022	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 591 (CHURCH STREET)  
 DAVIS STREET SE ADA RAMP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	63
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				







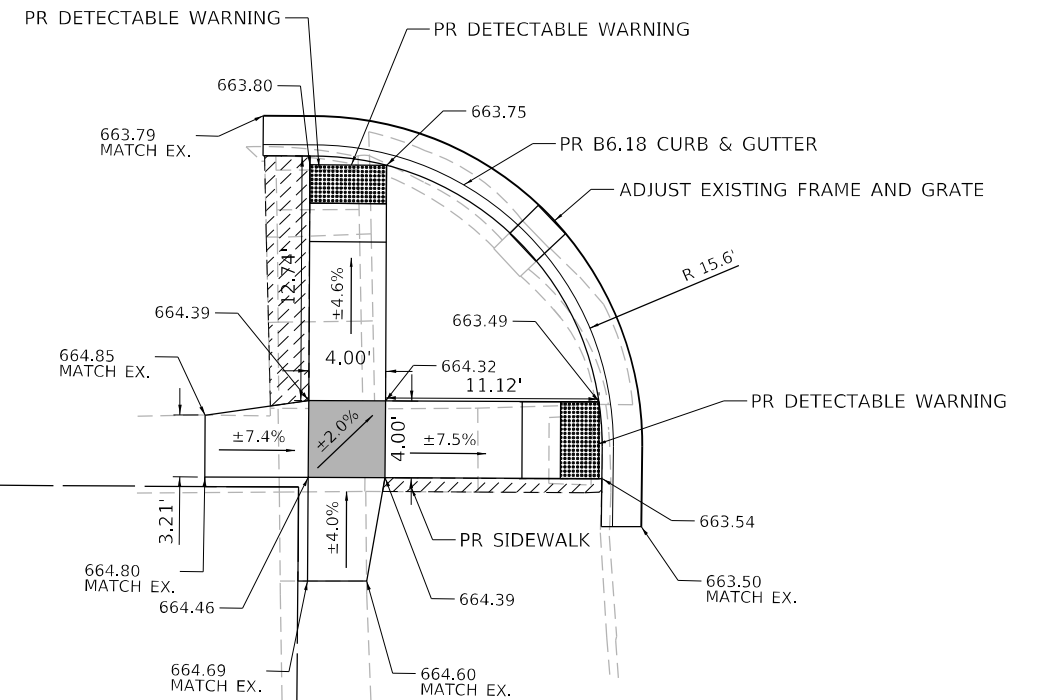
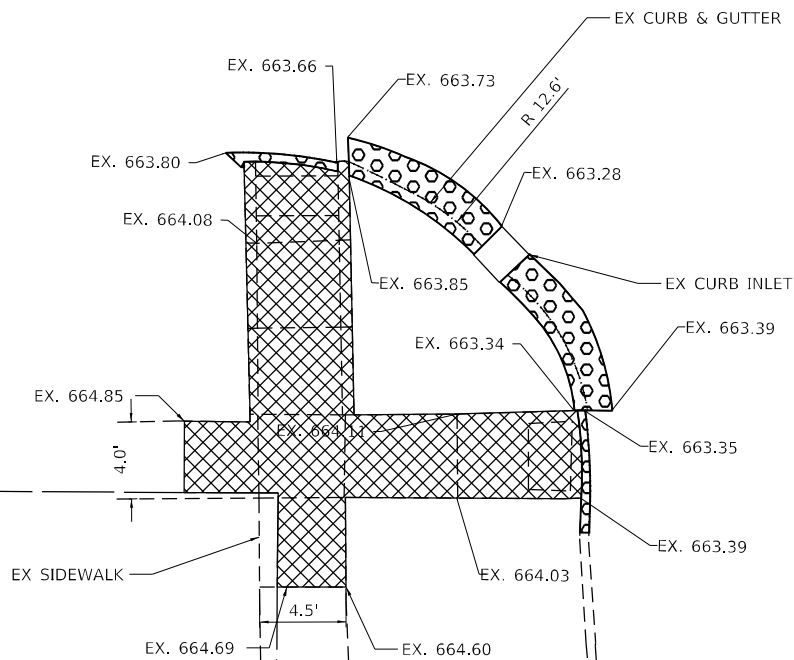


217

US-34 ( CHURCH ST)

217

US-34 ( CHURCH ST)



WEST ST

WEST ST



NOTES:

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

WEST ST (SW) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 155.1 SQ FT  
 DETECTABLE WARNINGS = 20.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 = 33.8 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 28.7 FT  
 SIDEWALK REMOVAL = 175.6 SQ FT

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL

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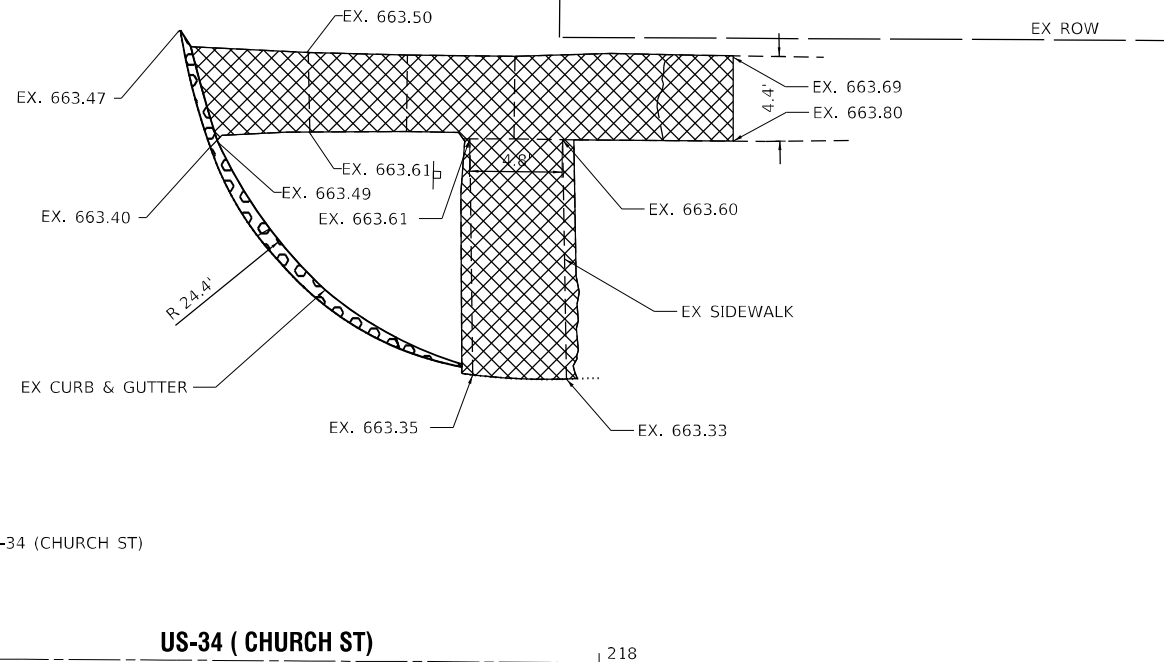
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 591 (CHURCH STREET)  
WEST STREET SW ADA RAMP

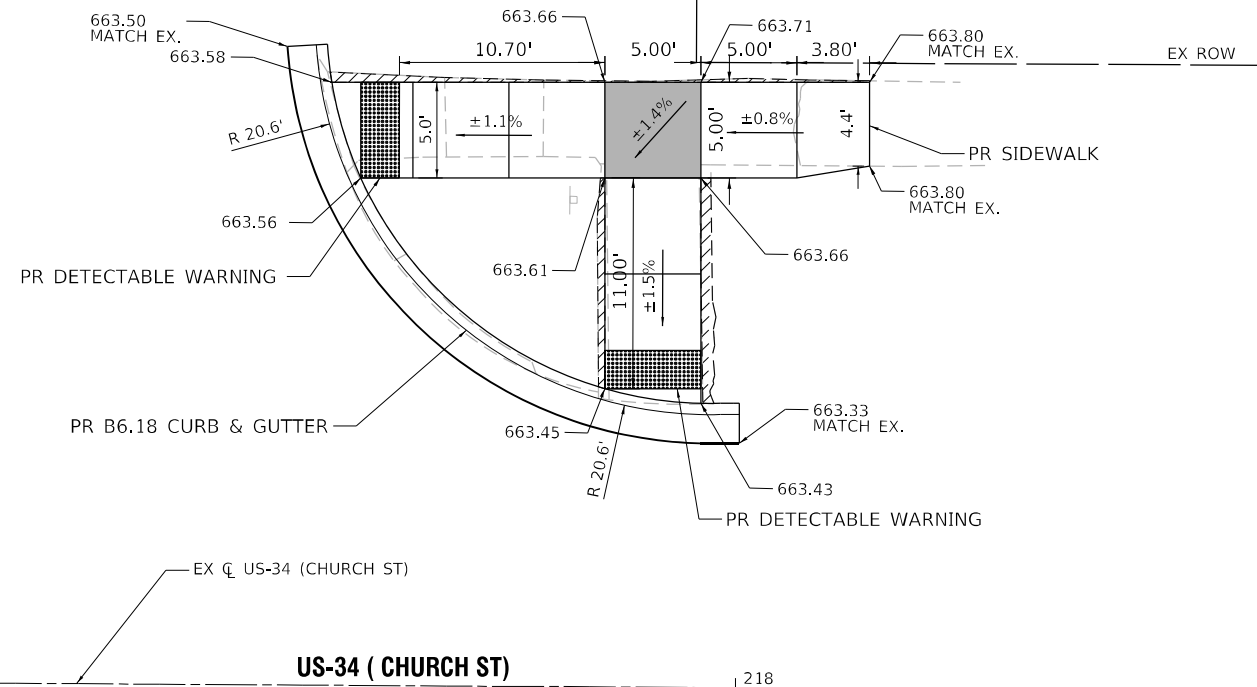
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6.SW	*	118	66
CONTRACT NO. 66L58			ILLINOIS FED. AID PROJECT	

DAYTON ST



WEST ST



NOTES:

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

WEST ST (NE) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 193.0 SQ FT  
 DETECTABLE WARNINGS = 20.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 = 35.2 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 32.2 FT  
 SIDEWALK REMOVAL = 192.8 SQ FT

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

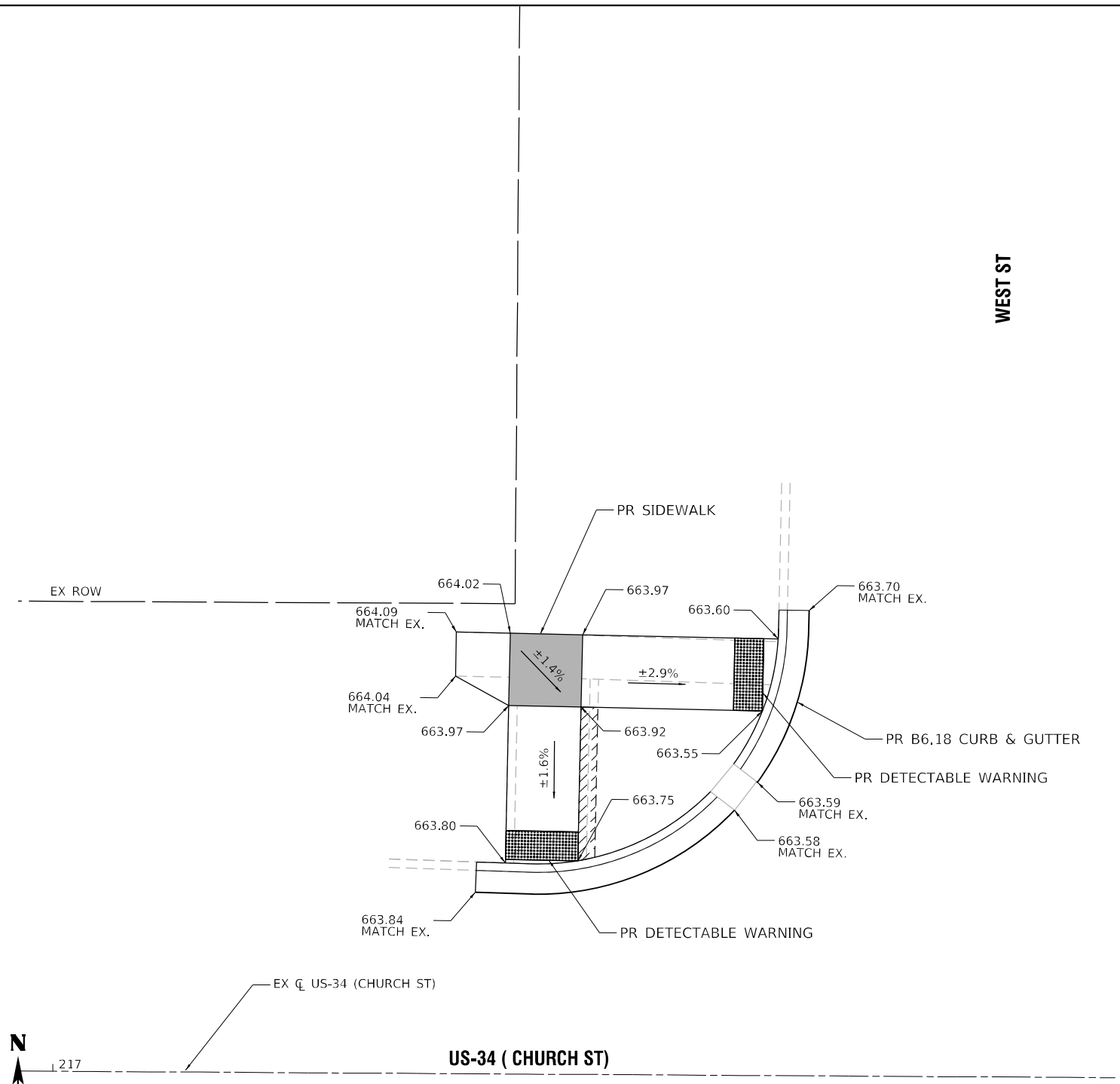
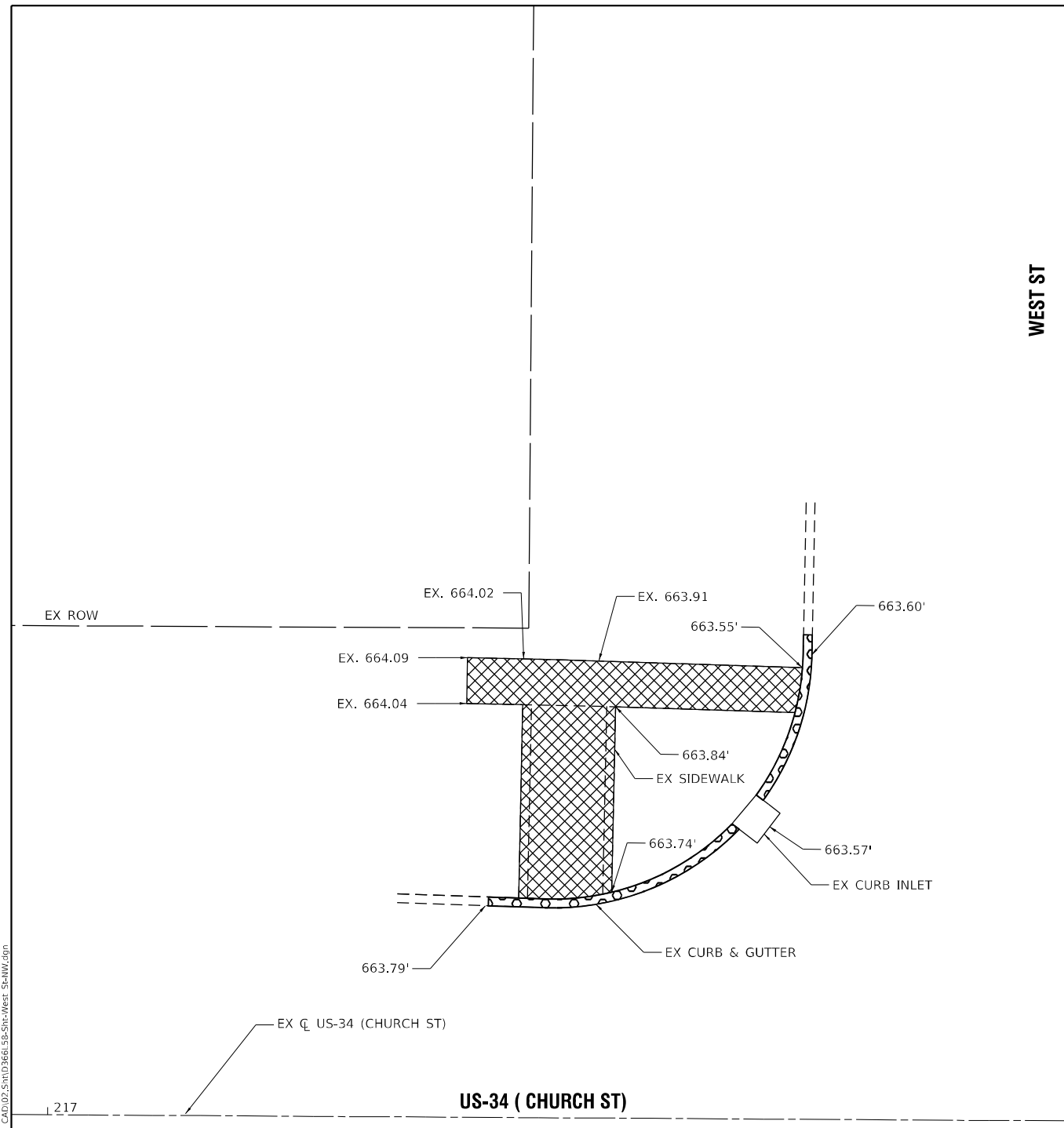
FAP ROUTE 591 (CHURCH STREET)  
 WEST STREET NE ADA RAMP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	67
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				

WEST ST

WEST ST



NOTES:

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

WEST ST (NW) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 160.0 SQ FT  
 DETECTABLE WARNINGS = 20.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 = 32.1 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 29.7 FT  
 SIDEWALK REMOVAL = 145.1 SQ FT

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

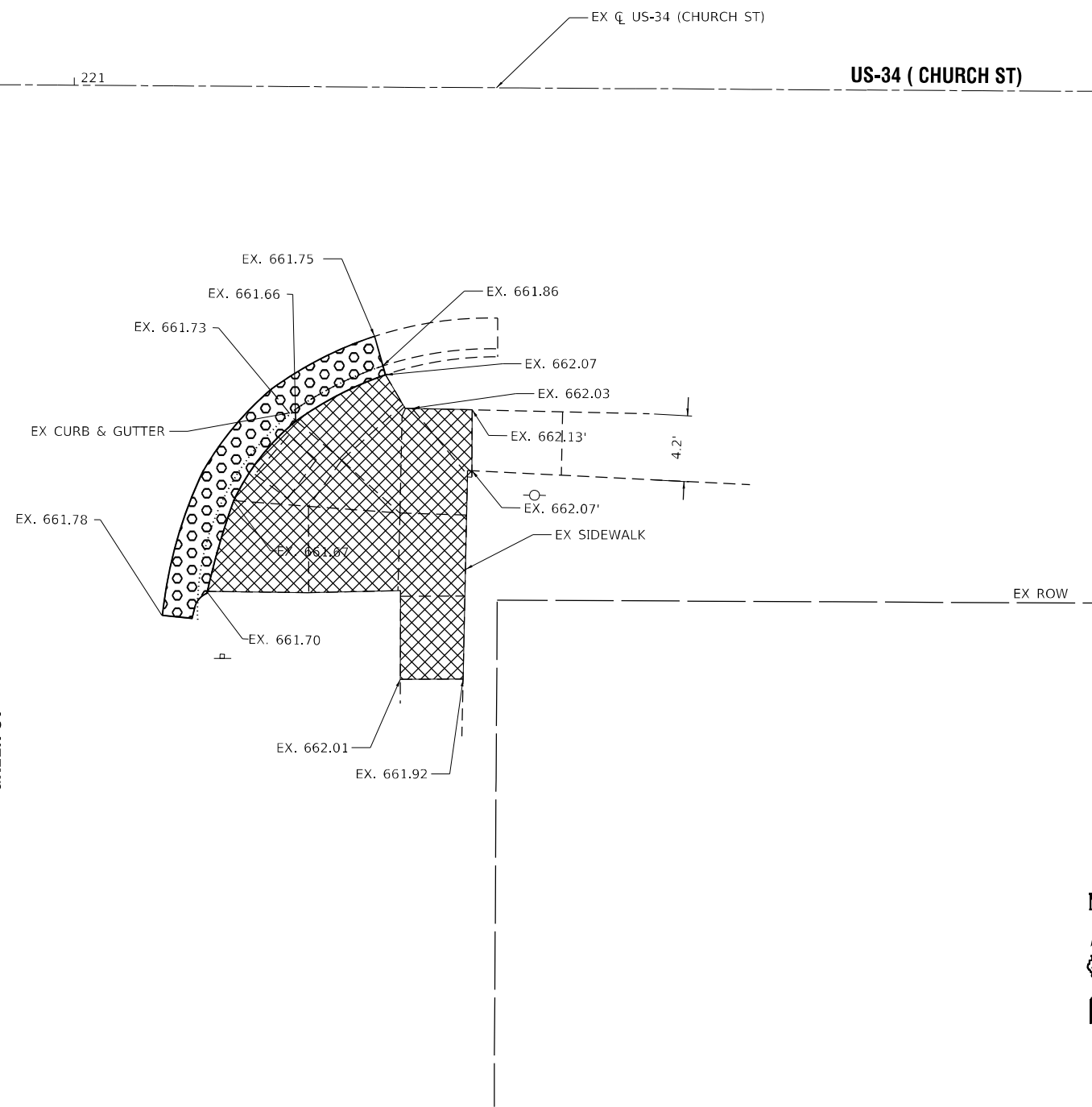
FAP ROUTE 591 (CHURCH STREET)  
 WEST STREET NW ADA RAMP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6.SW	*	118	68
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				

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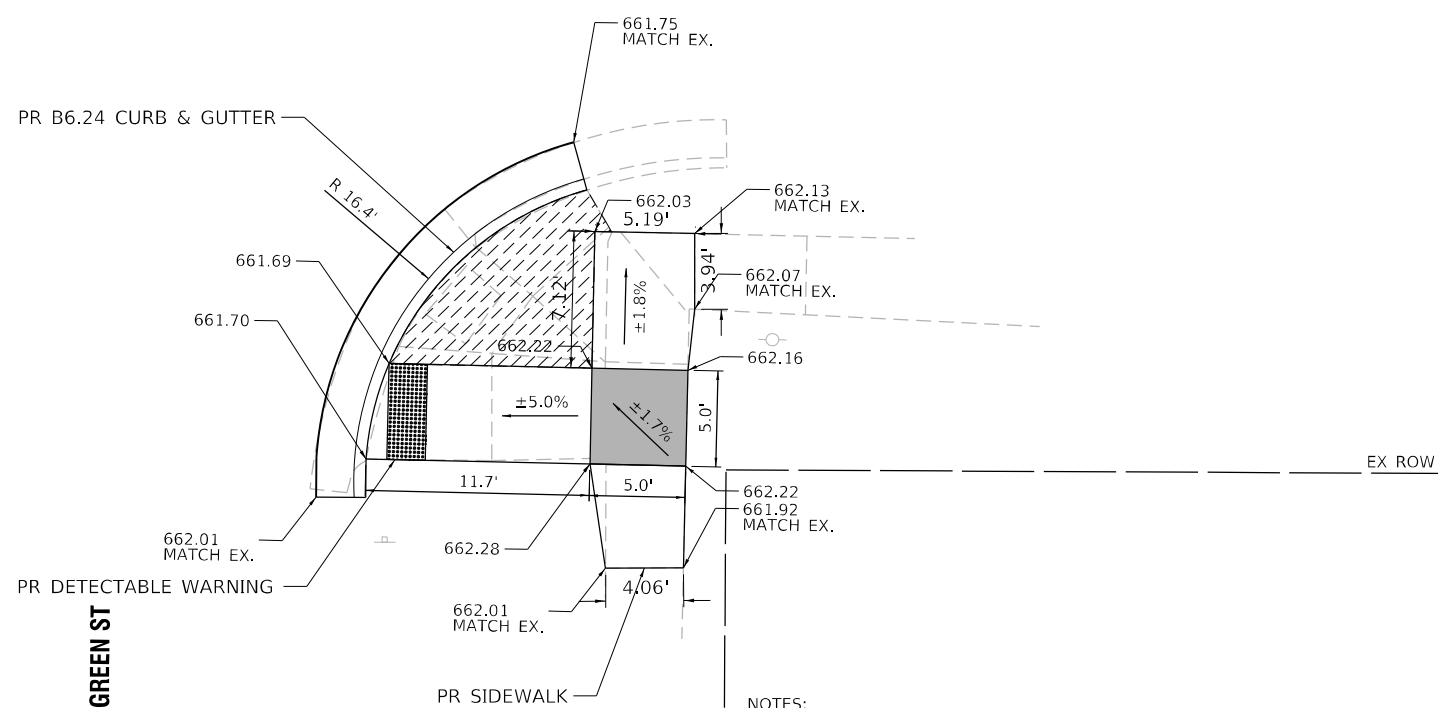
**GREEN ST**



**GREEN ST (SE) QUANTITIES**  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 142.6 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 24.7 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 22.1 FT  
 SIDEWALK REMOVAL = 203.0 SQ FT

**US-34 ( CHURCH ST)**

**US-34 ( CHURCH ST)**



- NOTES:**
- SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
  - SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
  - ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
  - SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
  - SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

**LEGEND:**

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL



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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 591 (CHURCH STREET)**  
**GREEN STREET SE ADA RAMP**

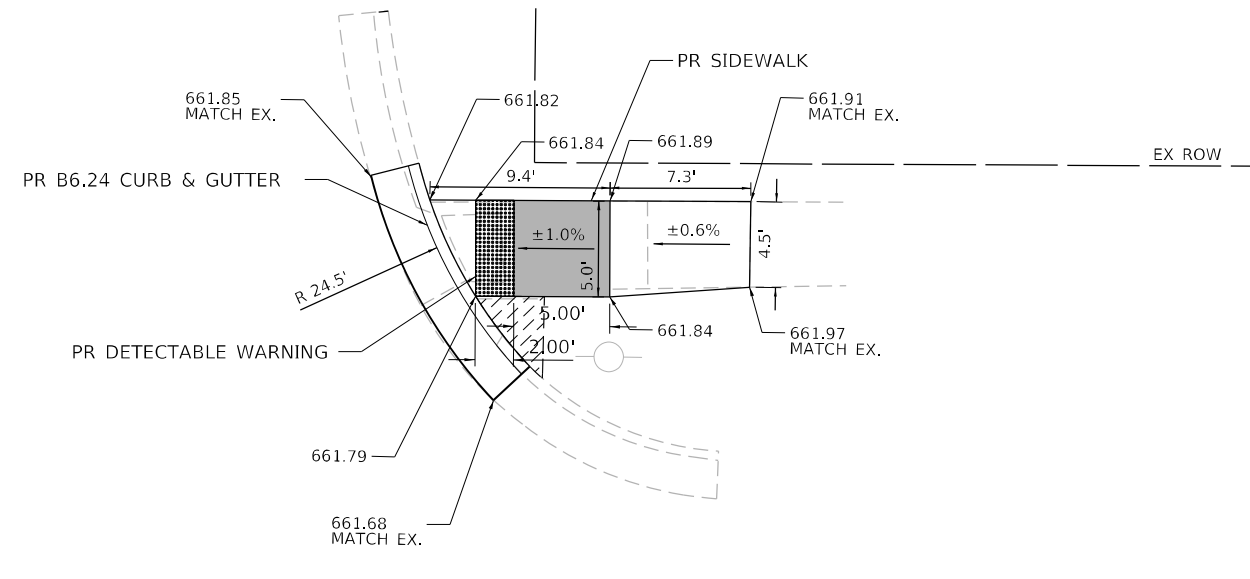
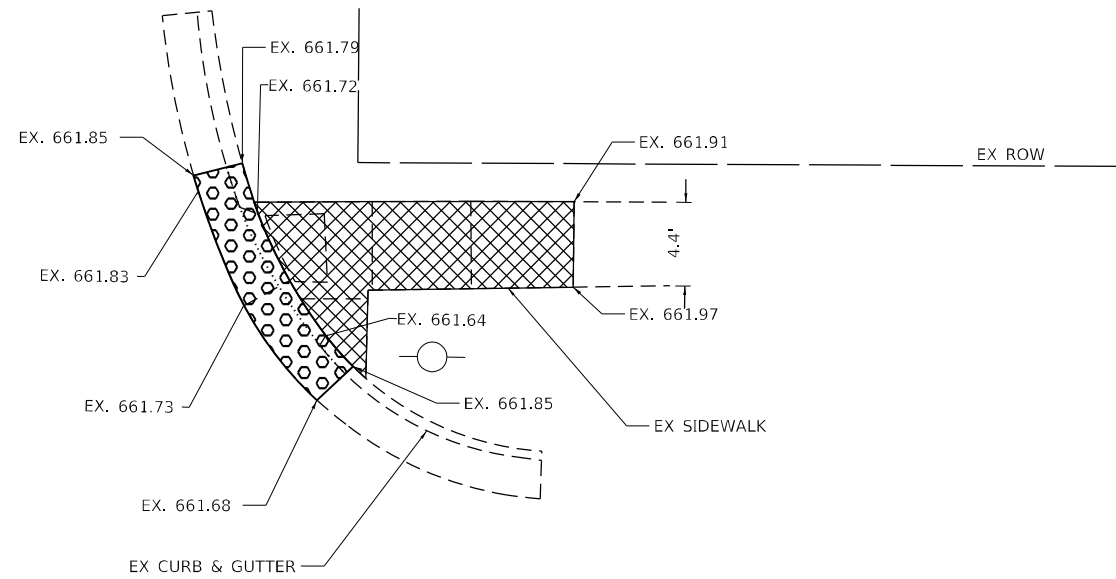
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	69
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				



GREEN ST

GREEN ST



US-34 ( CHURCH ST)

US-34 ( CHURCH ST)

NOTES:

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



GREEN ST (NE) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 76.1 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 13.5 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 12.5 FT  
 SIDEWALK REMOVAL = 80.9 SQ FT

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

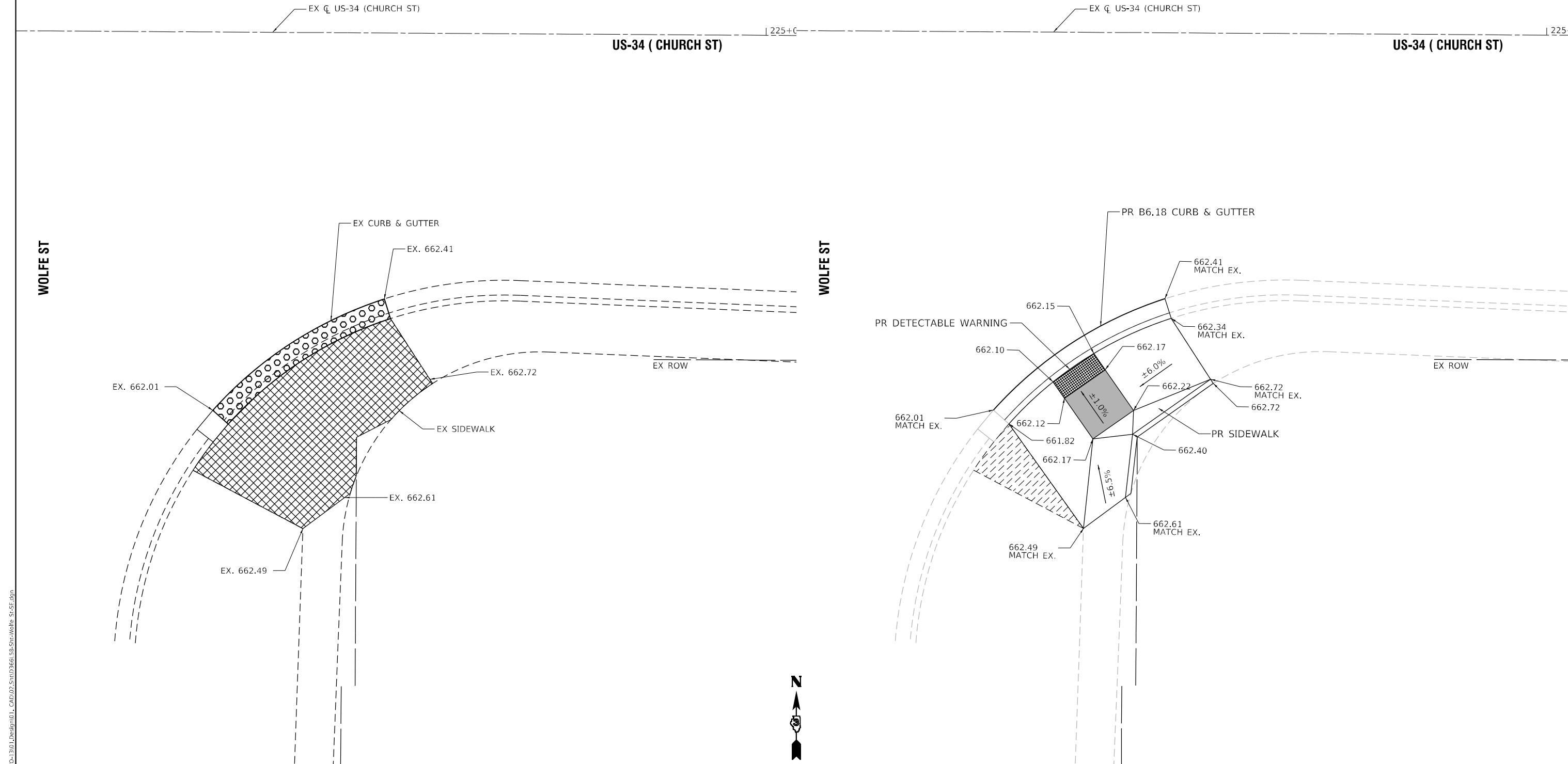
FAP ROUTE 591 (CHURCH STREET)  
 GREEN STREET NE ADA RAMP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	71
CONTRACT NO. 66L58			ILLINOIS FED. AID PROJECT	

\* - DEKALB AND KENDALL





WOLFE ST (SE) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 209.2 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 = 20.9 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 20.1 FT  
 SIDEWALK REMOVAL = 248.9 SQ FT

**NOTES:**

- SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
- SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
- ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
- SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
- SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

**LEGEND:**

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL

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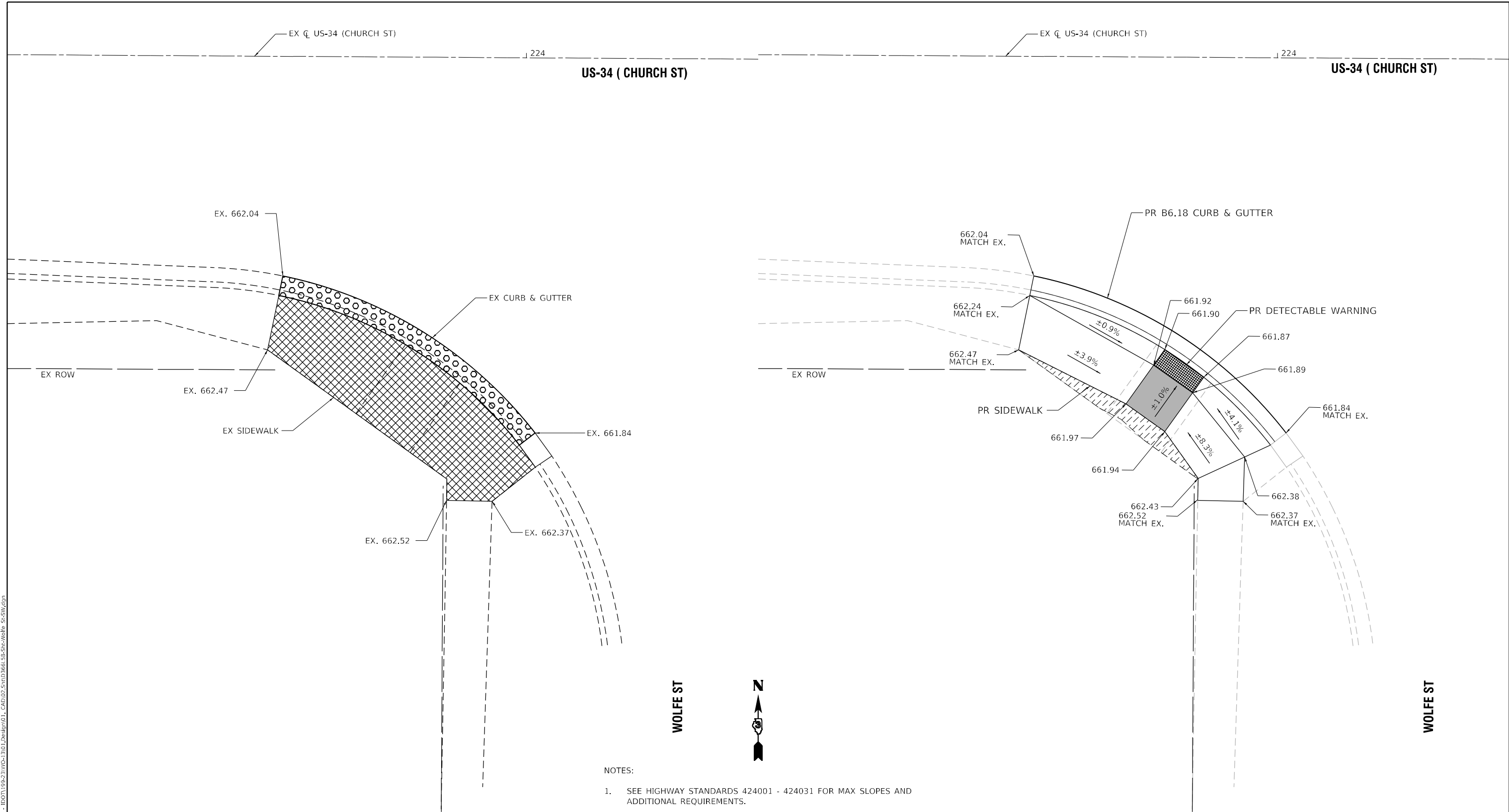
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 591 (CHURCH STREET)  
WOLFE STREET SE ADA RAMP**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6.SW	*	118	73
CONTRACT NO. 66L58			ILLINOIS FED. AID PROJECT	





**WOLFE ST (SW) QUANTITIES**  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 207.3 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 = 31.8 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 30.8 FT  
 SIDEWALK REMOVAL = 249.9 SQ FT

- NOTES:**
- SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
  - SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMPS.
  - ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
  - SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
  - SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

**LEGEND:**

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL

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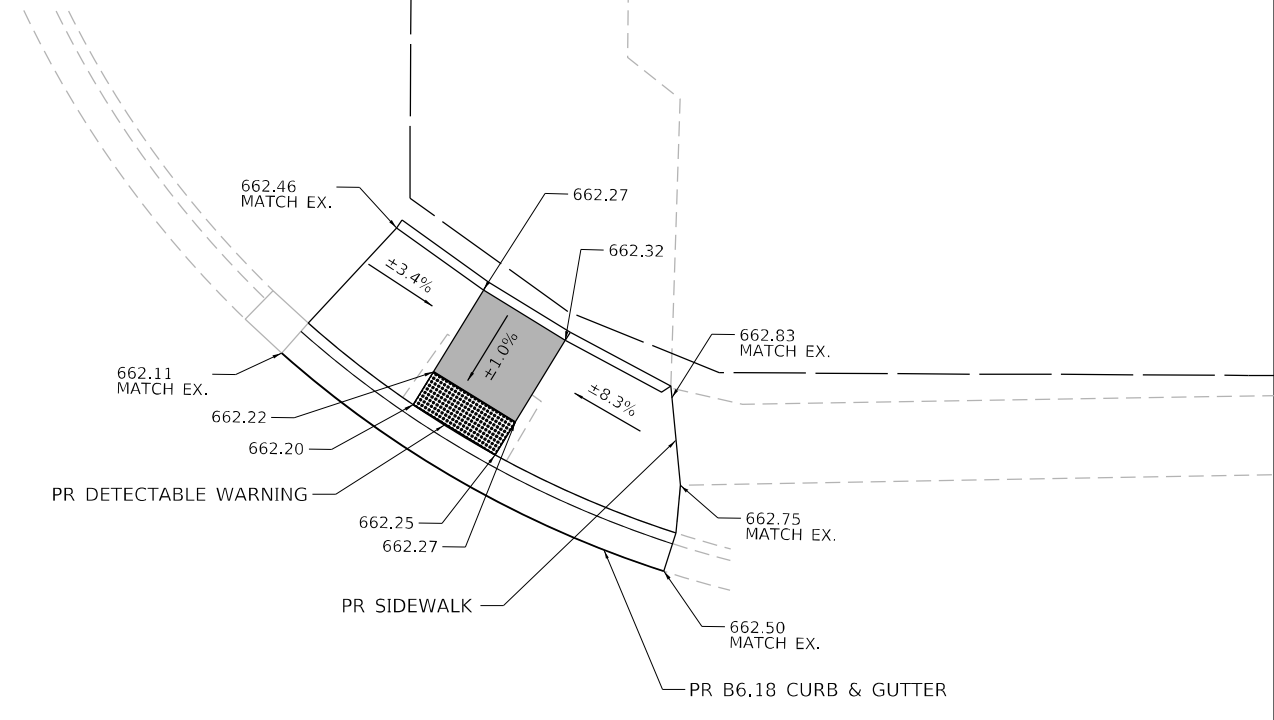
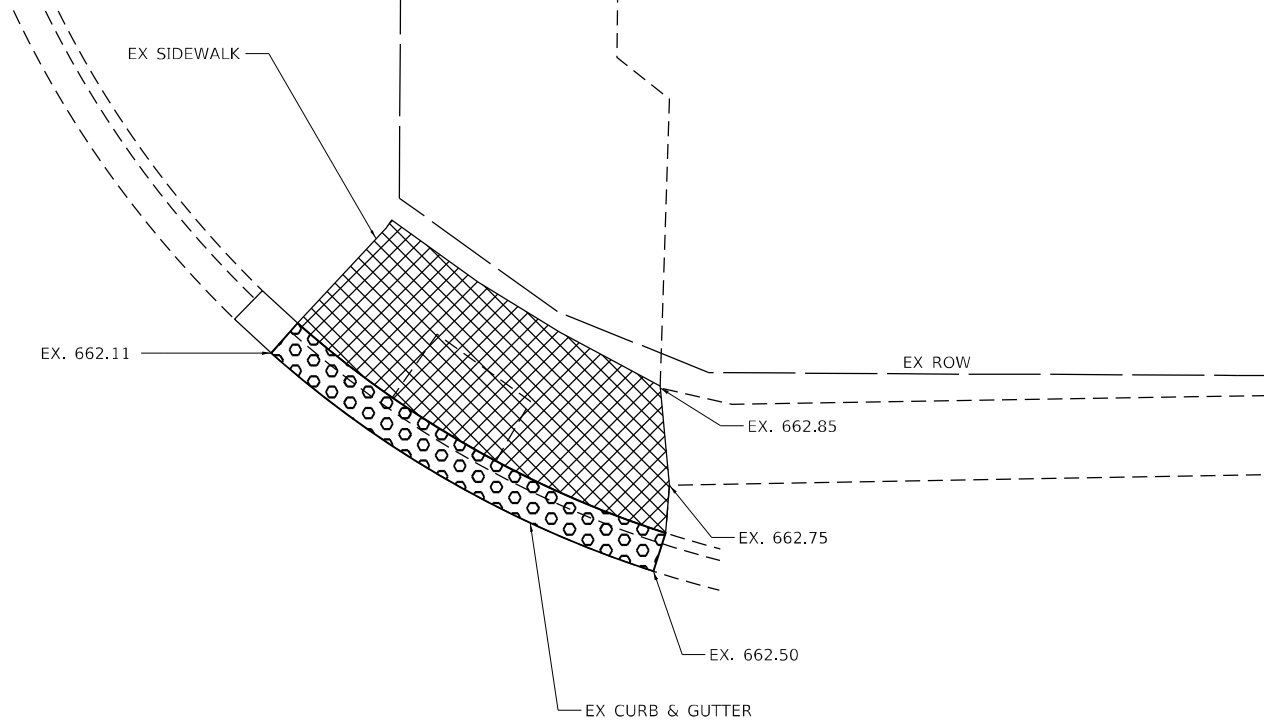
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>FAP ROUTE 591 (CHURCH STREET)</b>	
<b>WOLFE STREET SW ADA RAMP</b>	
SCALE: 1"=5'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6.SW	*	118	74
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66L58	

WOLFE ST

WOLFE ST



US-34 ( CHURCH ST)

US-34 ( CHURCH ST)



NOTES:

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	

WOLFE ST (NE) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 144.4 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 = 23.1 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 22.5 FT  
 SIDEWALK REMOVAL = 144.4 SQ FT



\* - DEKALB AND KENDALL

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 591 (CHURCH STREET)  
 WOLF STREET NE ADA RAMP

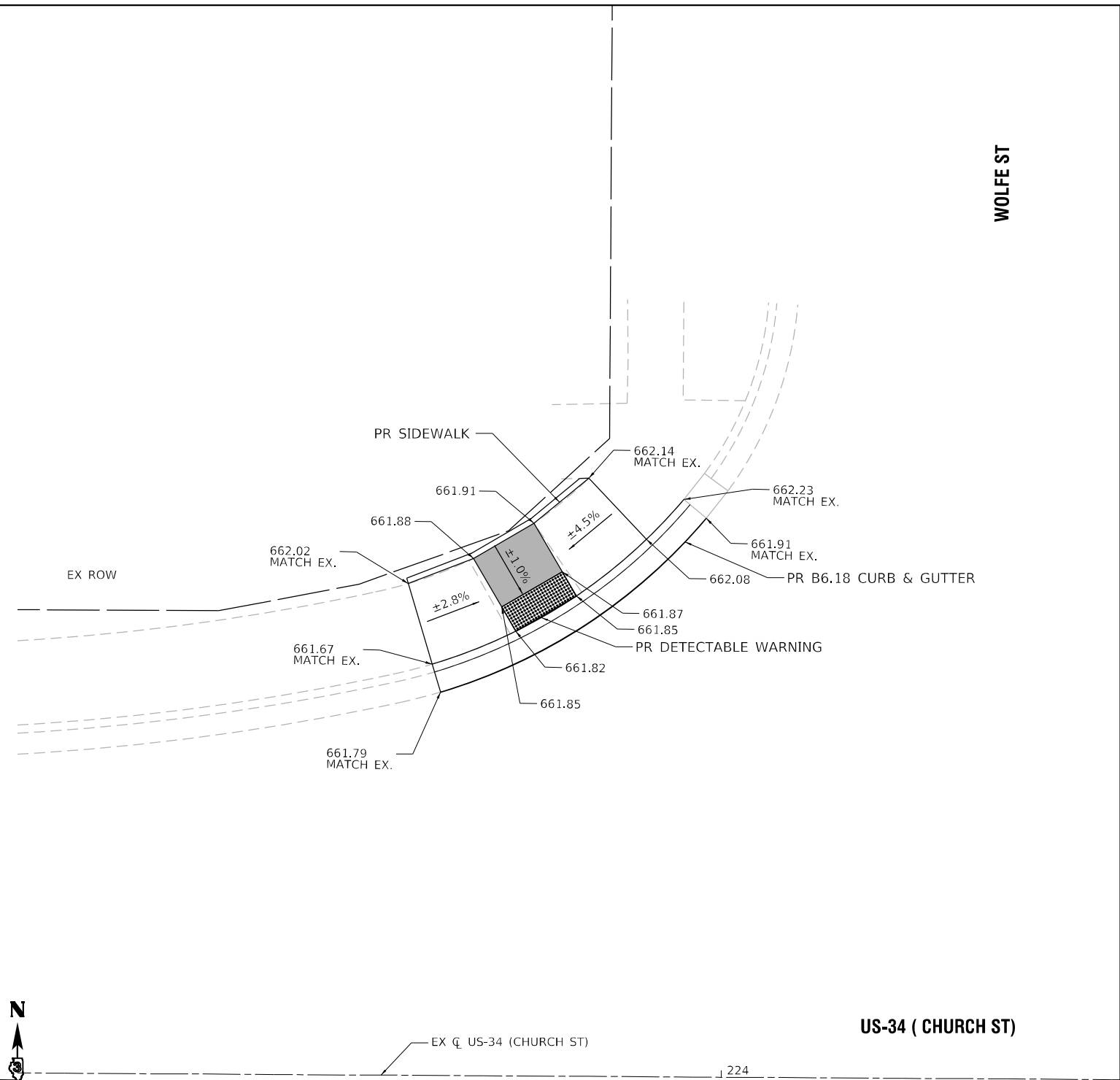
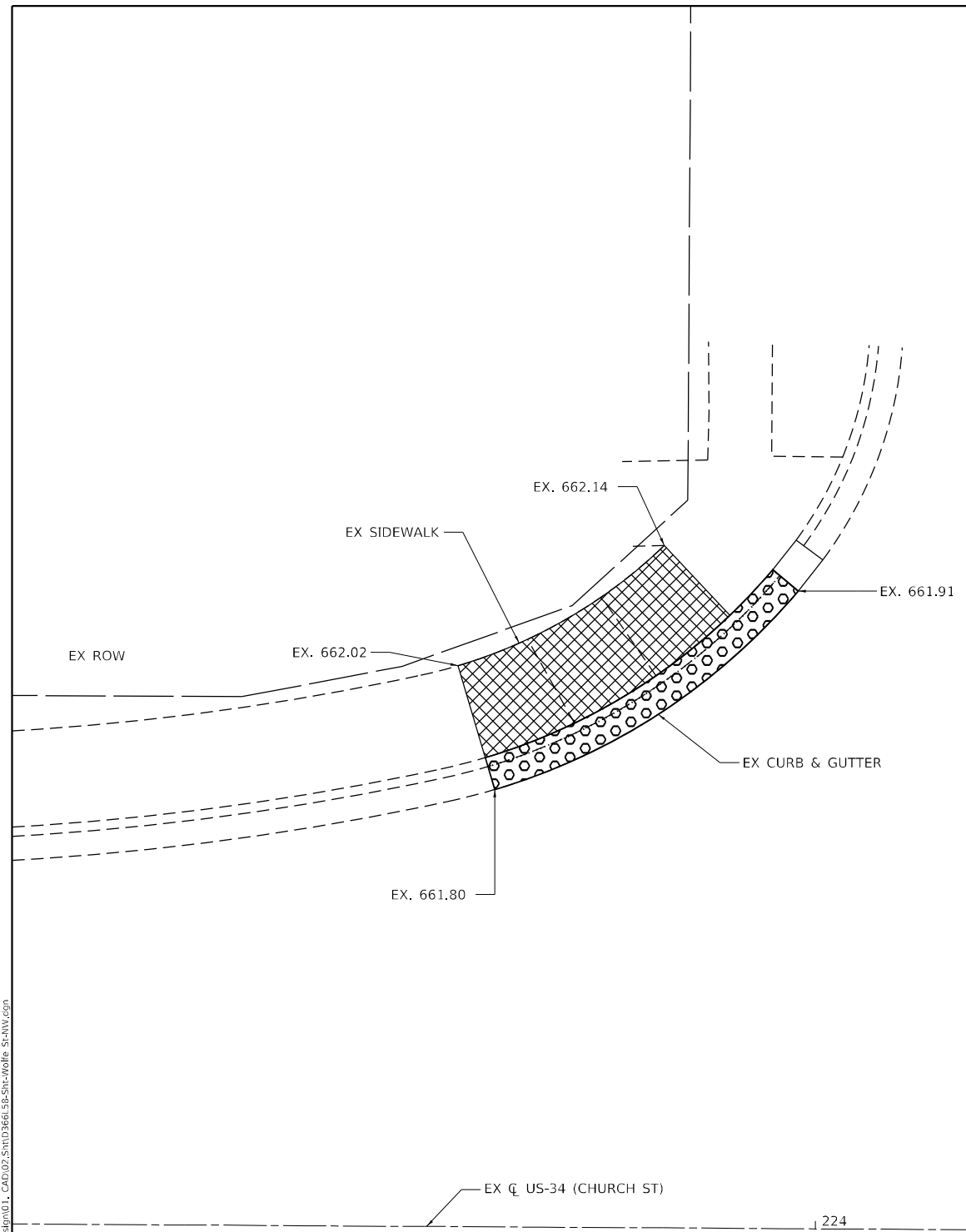
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	75
CONTRACT NO. 66L58				

ILLINOIS FED. AID PROJECT

WOLFE ST

WOLFE ST



US-34 ( CHURCH ST)

US-34 ( CHURCH ST)

NOTES:

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	

WOLFE ST (NW) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 105.6 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 = 23.0 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 22.1 FT  
 SIDEWALK REMOVAL = 98.9 SQ FT



\* - DEKALB AND KENDALL

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 591 (CHURCH STREET)  
 WOLFE STREET NW ADA RAMP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	76
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				



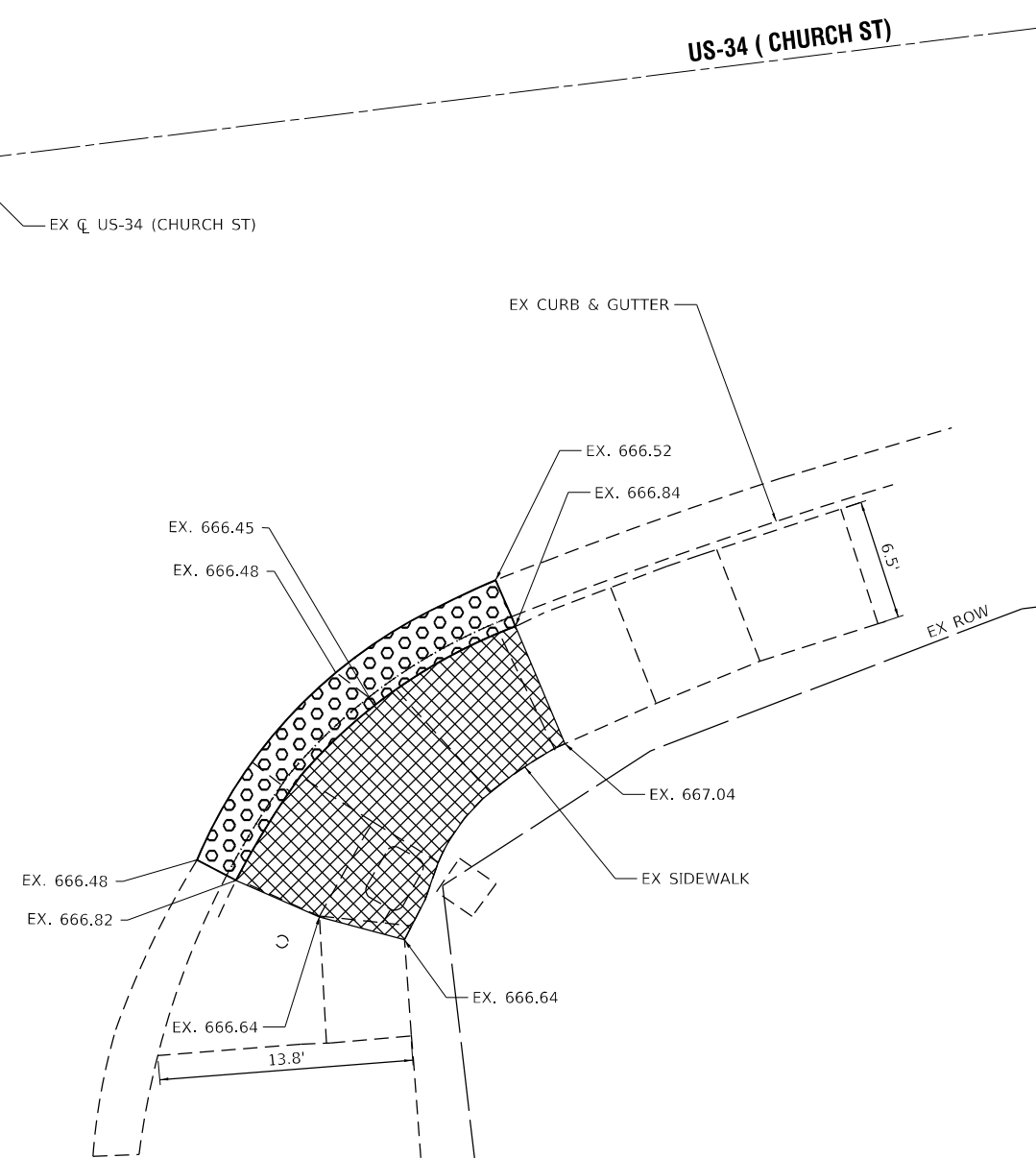






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WELLS ST



**WELLS ST (SE) QUANTITIES**  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 134.7 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 22.7 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 21.4 FT  
 SIDEWALK REMOVAL = 145.6 SQ FT

**NOTES:**

- SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
- SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
- ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
- SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
- SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

**LEGEND:**

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL



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	DATE - 3/18/2022	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 591 (CHURCH STREET)**  
**WELLS STREET SE ADA RAMP**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6.SW	*	118	81
CONTRACT NO. 66L58				

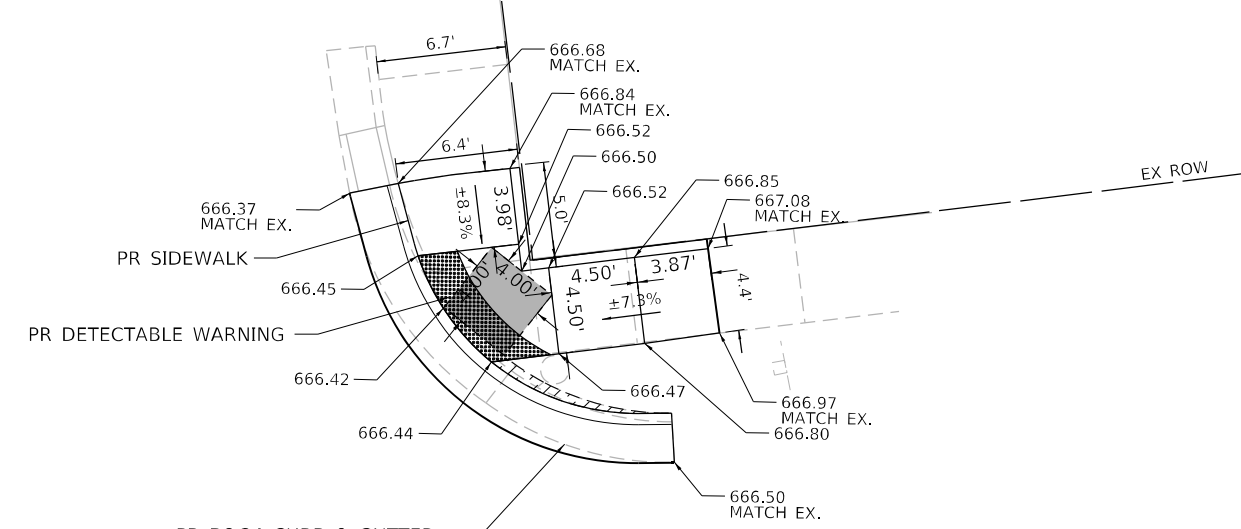
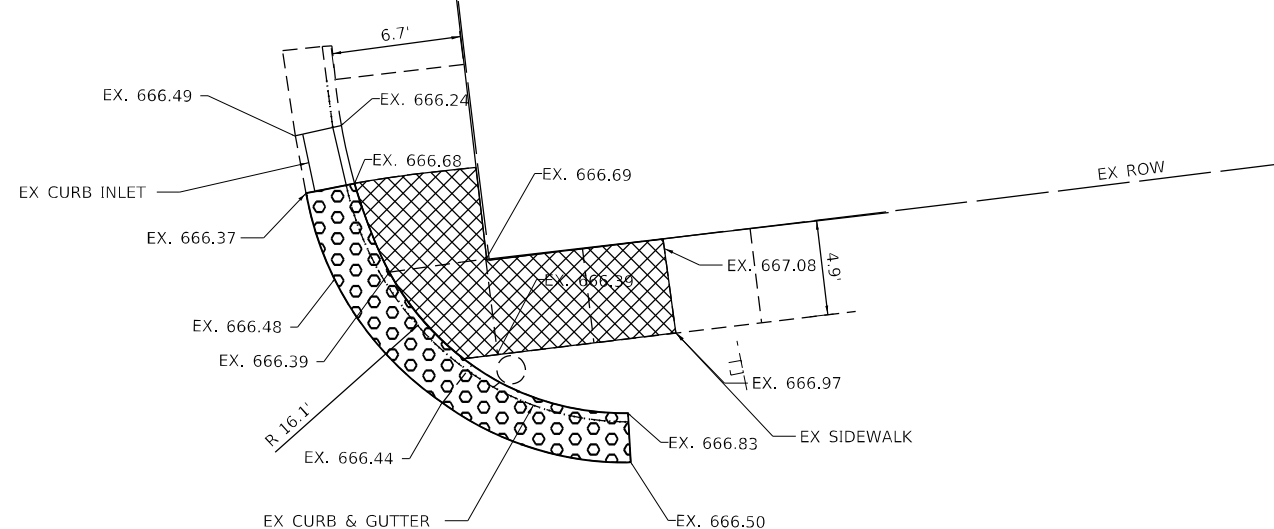
ILLINOIS FED. AID PROJECT





WELLS ST

WELLS ST



US-34 (CHURCH ST)

US-34 (CHURCH ST)

EX C US-34 (CHURCH ST)

EX C US-34 (CHURCH ST)

WELLS ST (NE) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 97.5 SQ FT  
 DETECTABLE WARNINGS = 14.1 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 24.2 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 20.8 FT  
 SIDEWALK REMOVAL = 92.7 SQ FT

NOTES:

- SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
- SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
- ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
- SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
- SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL

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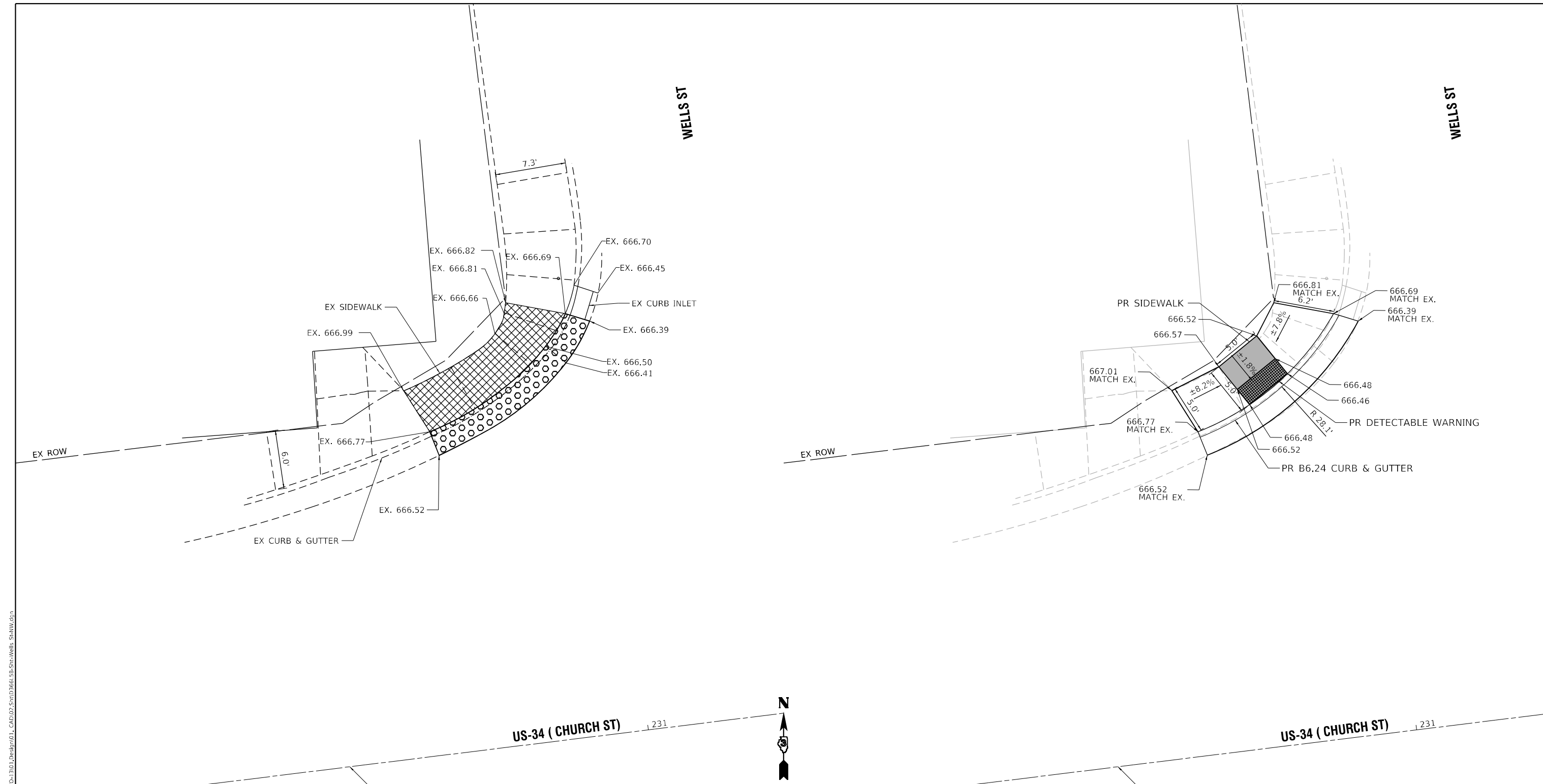
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 591 (CHURCH STREET)  
 WELLS STREET NE ADA RAMP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	83
CONTRACT NO. 66L58				

ILLINOIS FED. AID PROJECT



WELLS ST (NW) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 85.9 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 21.1 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 19.3 FT  
 SIDEWALK REMOVAL = 83.0 SQ FT

**NOTES:**

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

**LEGEND:**

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL

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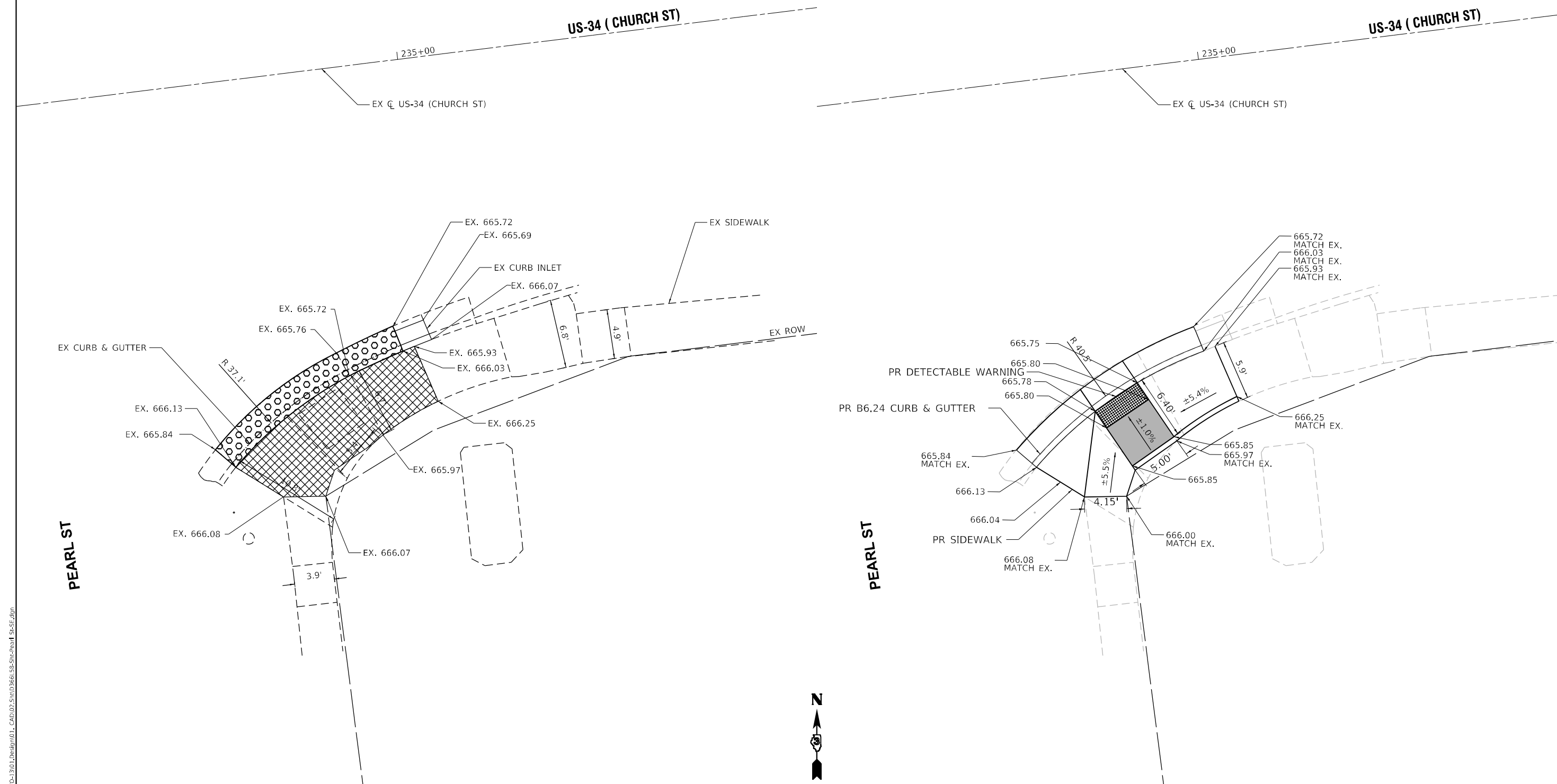
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 591 (CHURCH STREET)  
 WELLS STREET NW ADA RAMP**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	84
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				



PEARL ST (SE) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 132.3 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 21.4 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 20.6 FT  
 SIDEWALK REMOVAL = 132.0 SQ FT

- NOTES:
1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
  2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
  3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
  4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
  5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

**LEGEND:**

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL

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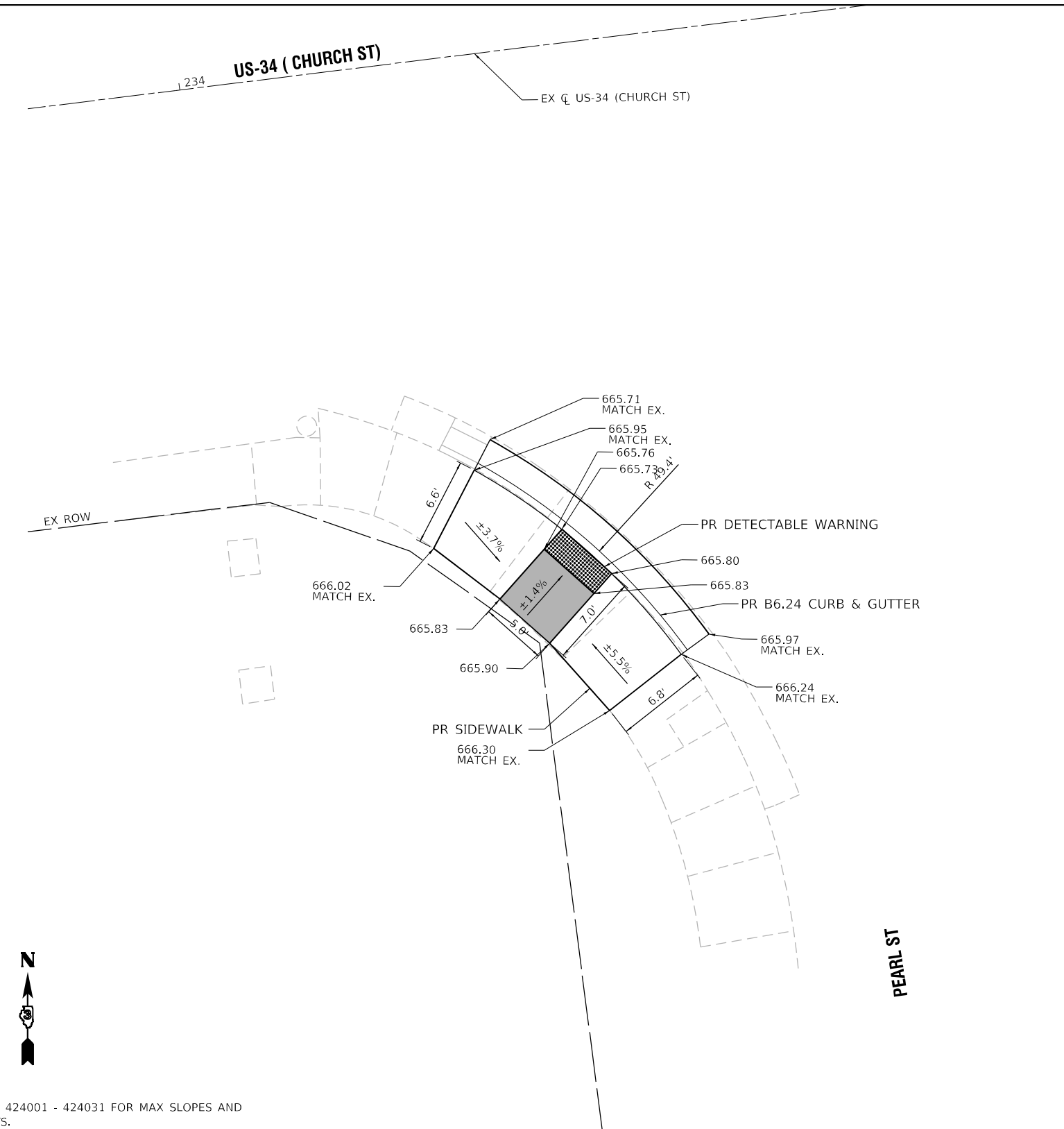
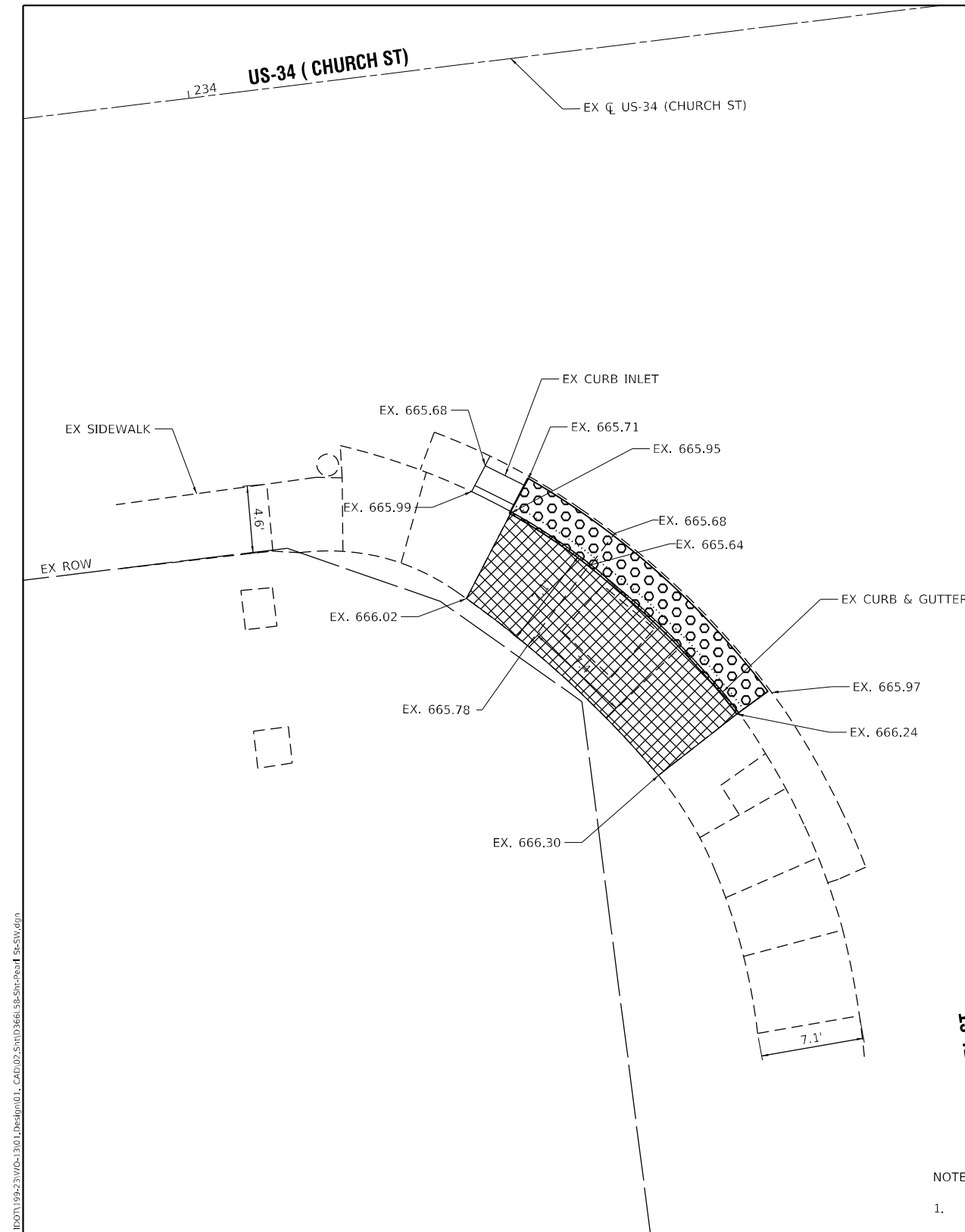
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 591 (CHURCH STREET)  
 PEARL STREET SE ADA RAMP**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	85
CONTRACT NO. 66L58				

ILLINOIS FED. AID PROJECT



PEARL ST

PEARL ST



NOTES:

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMPS.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

PEARL ST (SW) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 135.8 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 22.2 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 21.2 FT  
 SIDEWALK REMOVAL = 137.4 SQ FT

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL

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 R.M. CHIN & ASSOCIATES, INC. Civil Design



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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 591 (CHURCH STREET)  
 PEARL STREET SW ADA RAMP

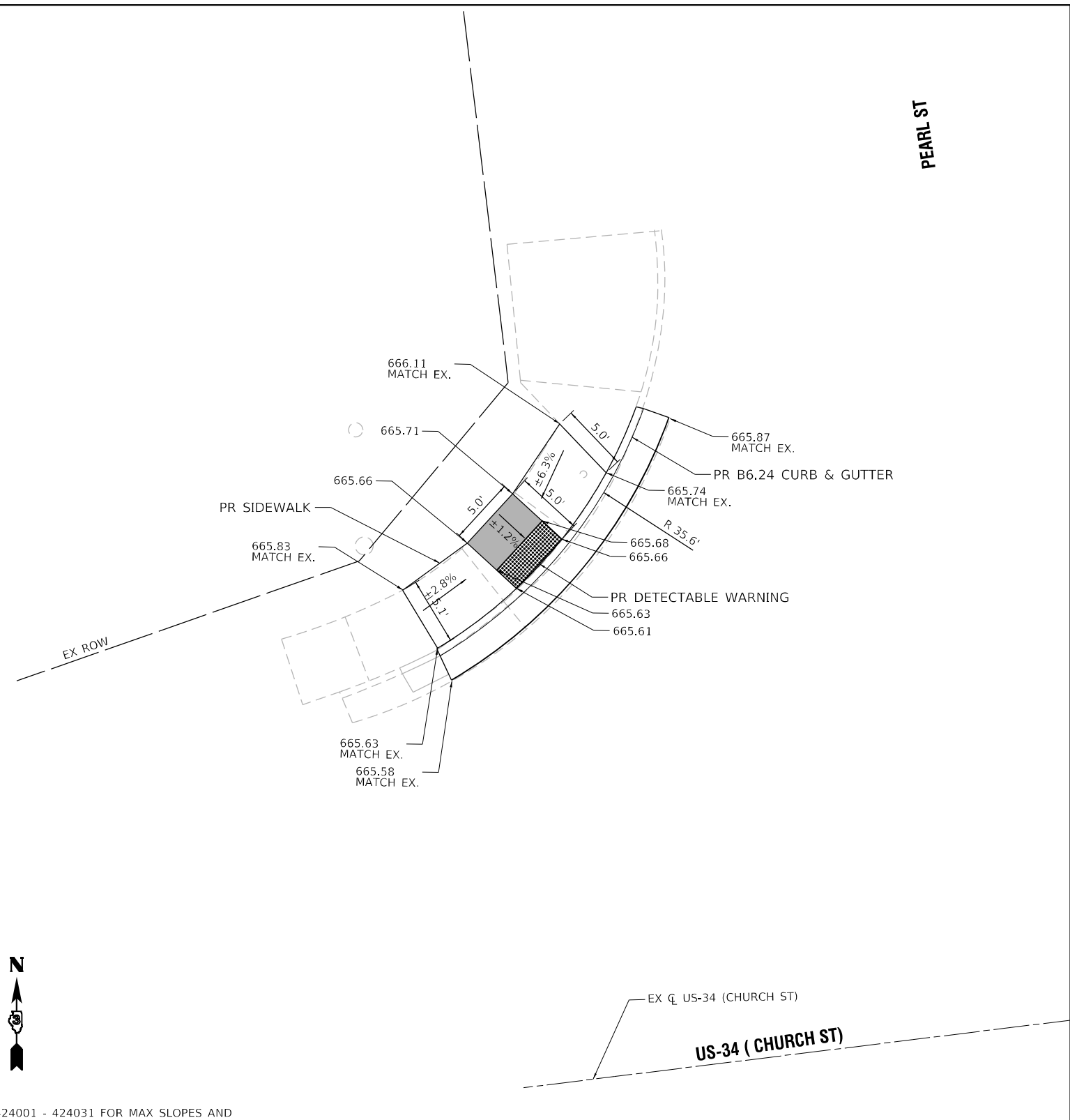
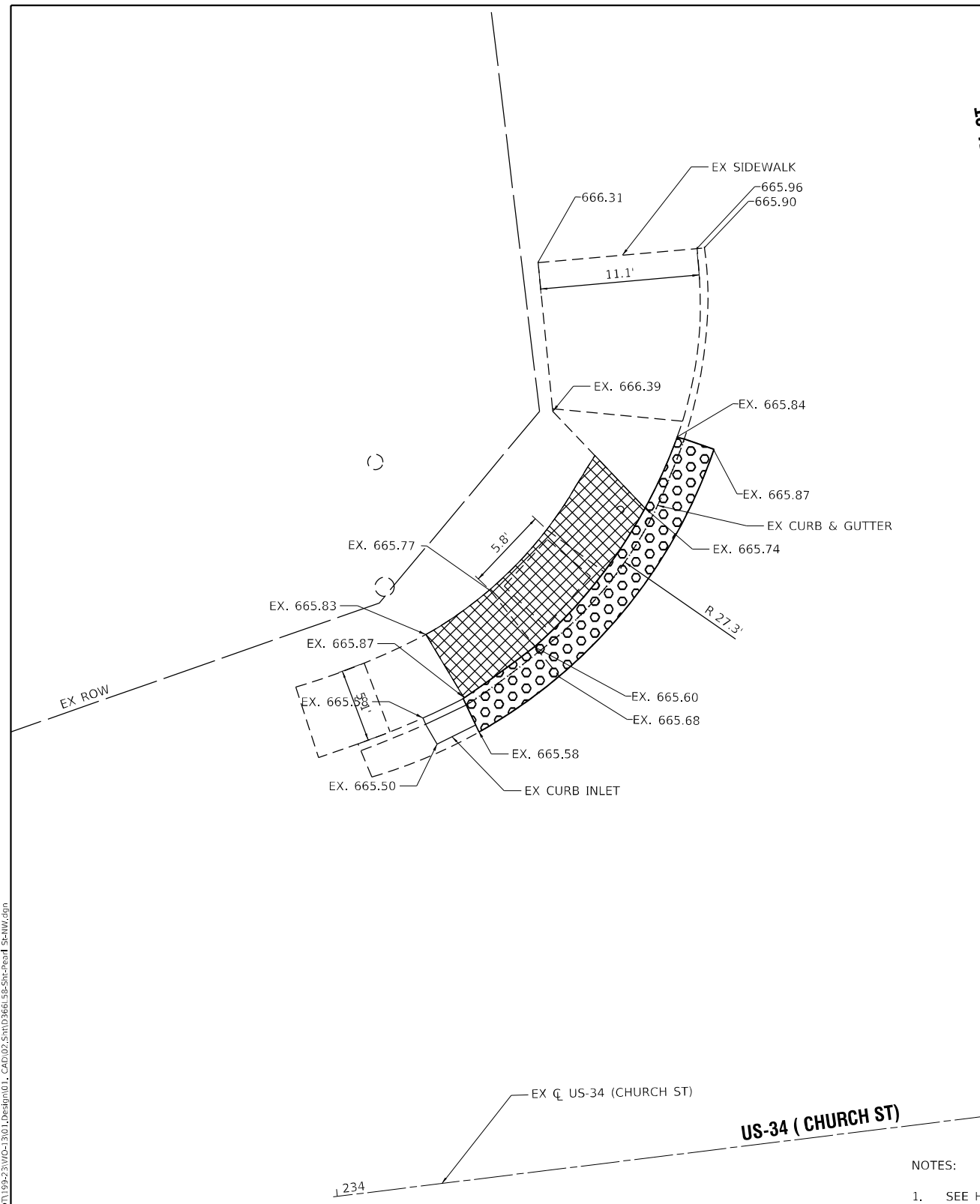
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6-SW	*	118	86
CONTRACT NO. 66L58				

ILLINOIS FED. AID PROJECT



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PEARL ST (NW) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 90.4 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 26.0 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 24.5 FT  
 SIDEWALK REMOVAL = 89.0 SQ FT

- NOTES:
- SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
  - SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
  - ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
  - SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
  - SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

**LEGEND:**

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL



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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 591 (CHURCH STREET)**  
**PEARL STREET NW ADA RAMP**

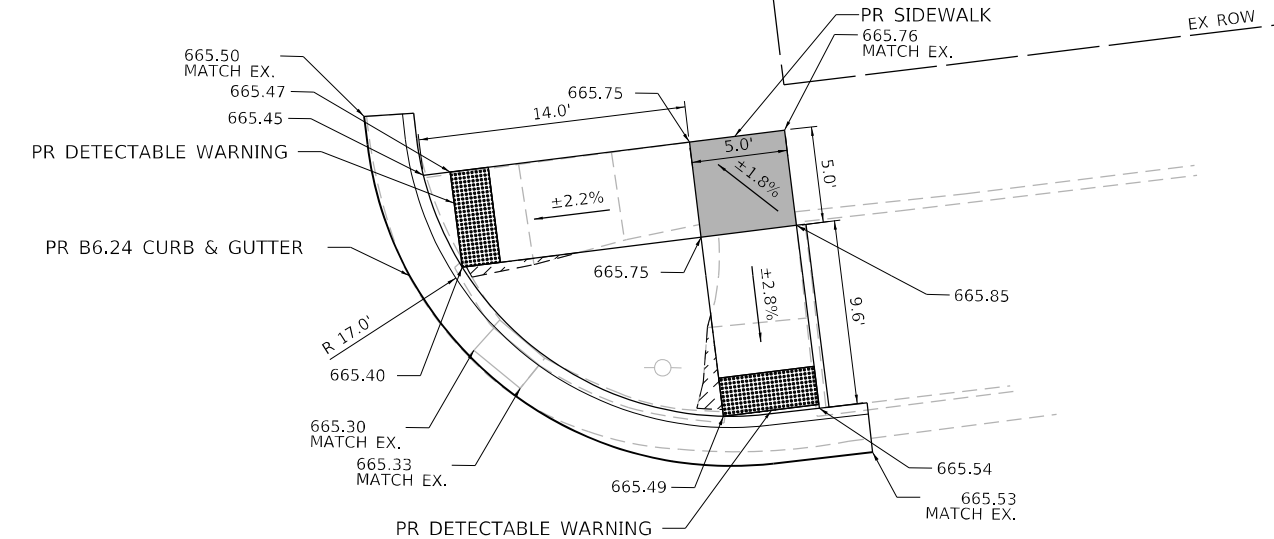
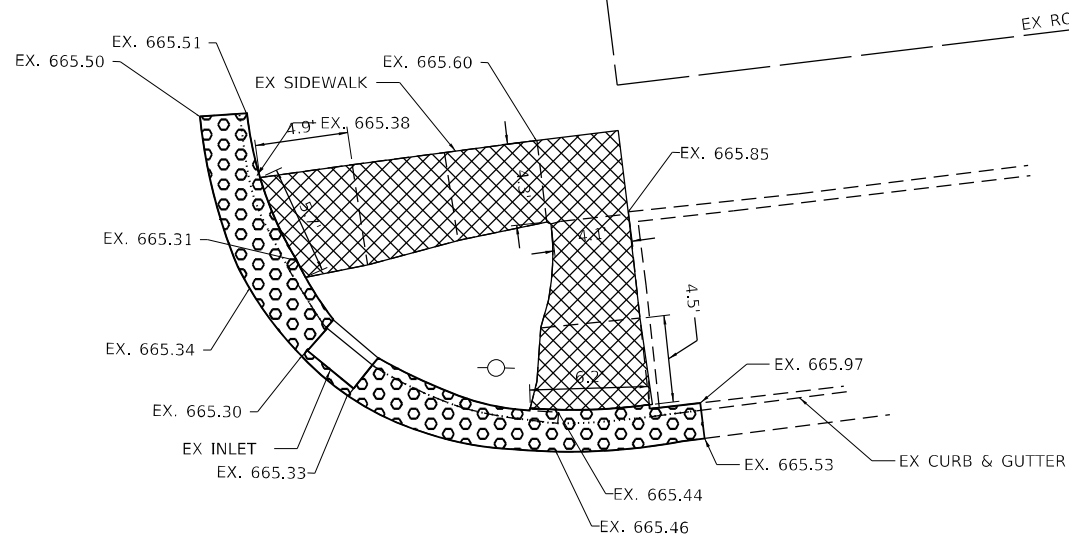
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	88
CONTRACT NO. 66L58				

ILLINOIS FED. AID PROJECT

CLARK ST

CLARK ST



US-34 (CHURCH ST)

US-34 (CHURCH ST)

238

238

EX C US-34 (CHURCH ST)

EX C US-34 (CHURCH ST)



NOTES:

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	

CLARK ST (NE) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 144.6 SQ FT  
 DETECTABLE WARNINGS = 20.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 36.5 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 30.0 FT  
 SIDEWALK REMOVAL = 135.9 SQ FT



\* - DEKALB AND KENDALL

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 591 (CHURCH STREET)  
 CLARK STREET NE ADA RAMP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	89
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				





EX CL US-34 (CHURCH ST)

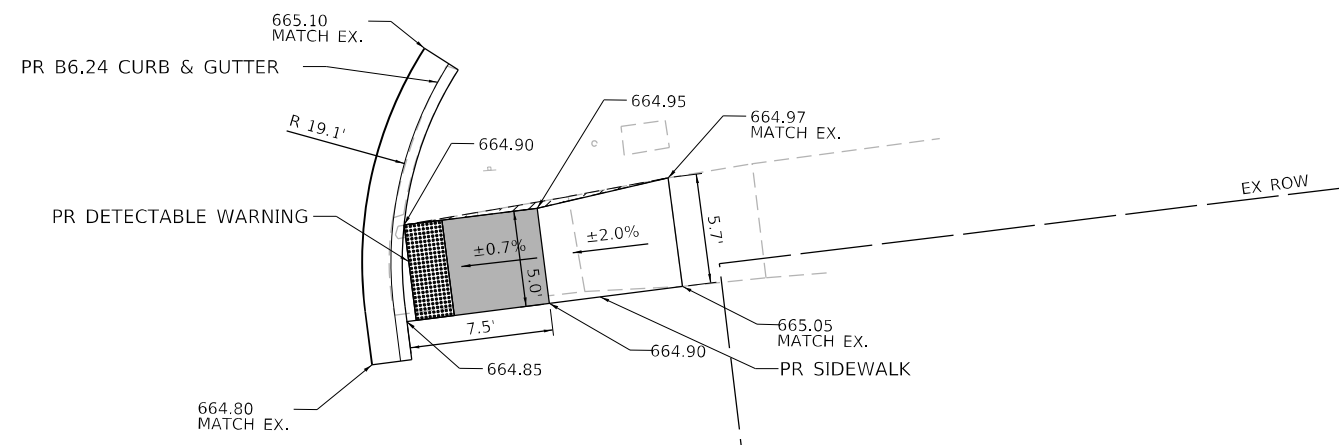
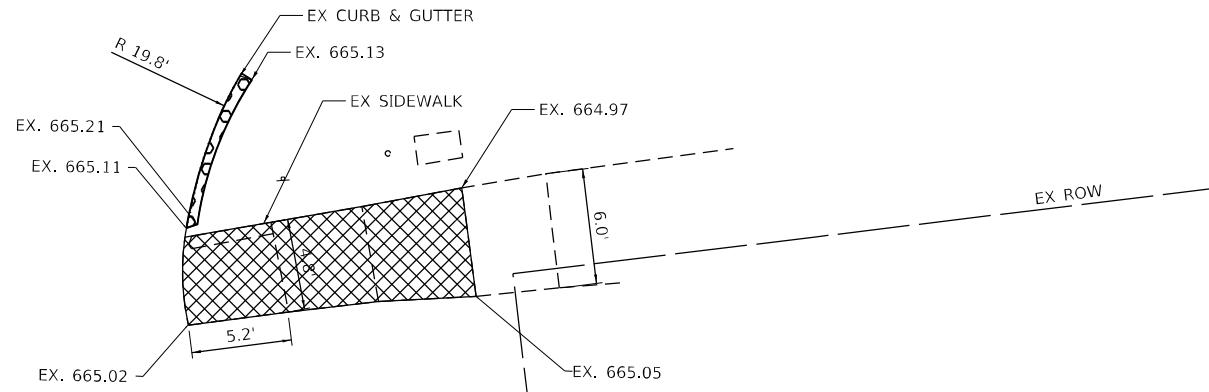
US-34 (CHURCH ST)

EX CL US-34 (CHURCH ST)

US-34 (CHURCH ST)

TERRY ST

TERRY ST



NOTES:

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



TERRY ST (SE) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 74.1 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 17.1 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 8.6 FT  
 SIDEWALK REMOVAL = 74.5 SQ FT

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 591 (CHURCH STREET)  
 TERRY STREET SE ADA RAMP

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

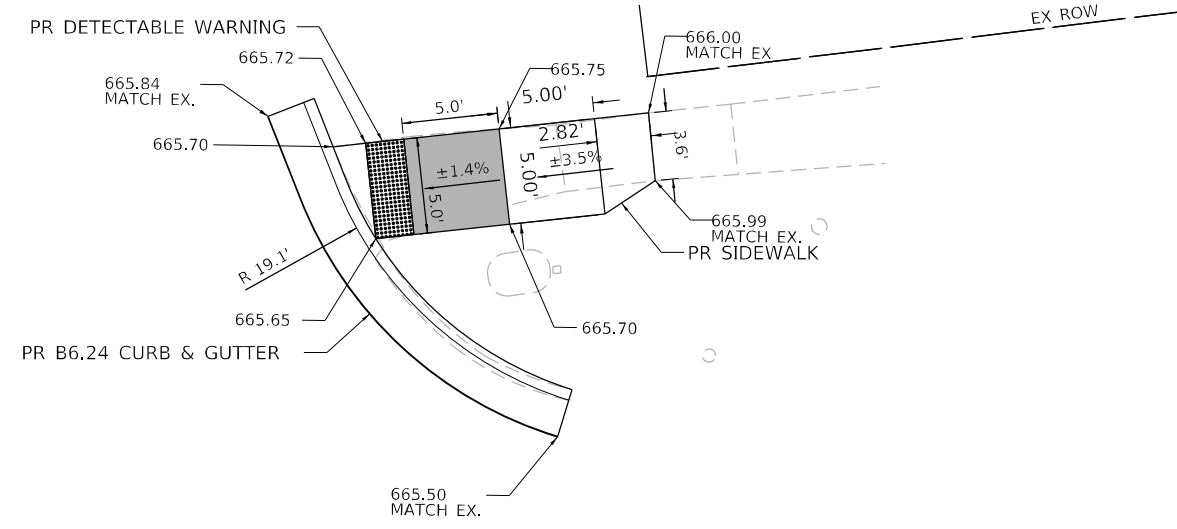
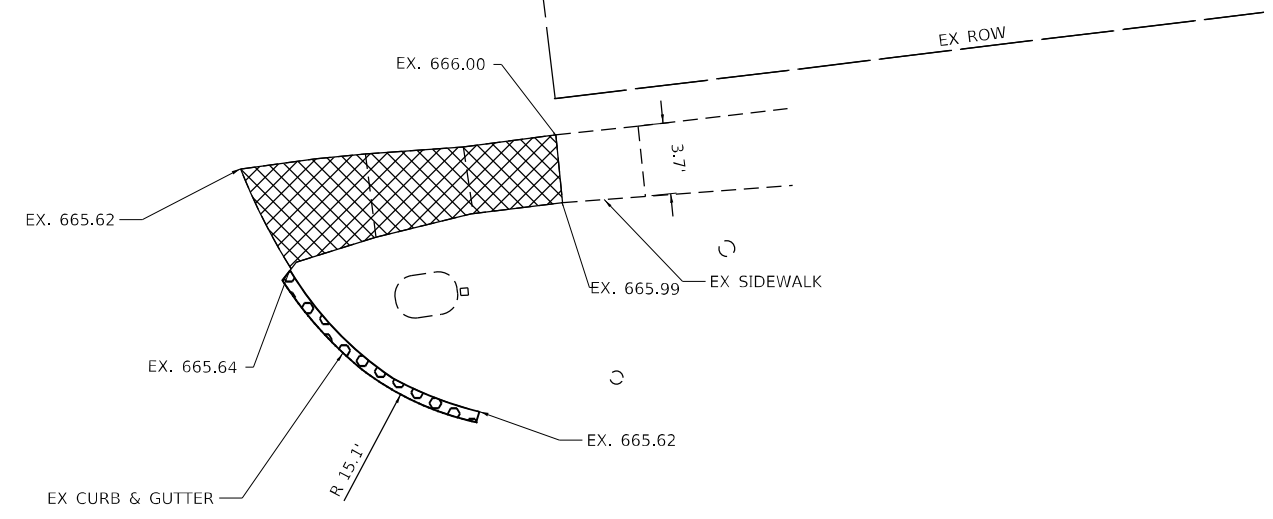
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	91
CONTRACT NO. 66L58			ILLINOIS FED. AID PROJECT	

\* - DEKALB AND KENDALL



TERRY ST

TERRY ST



US-34 (CHURCH ST)

US-34 (CHURCH ST)



NOTES:

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

TERRY ST (NE) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 76.7 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 23.5 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 12.9 FT  
 SIDEWALK REMOVAL = 65.3 SQ FT

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 591 (CHURCH STREET)  
 TERRY STREET NE ADA RAMP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6.SW	*	118	93
CONTRACT NO. 66L58				

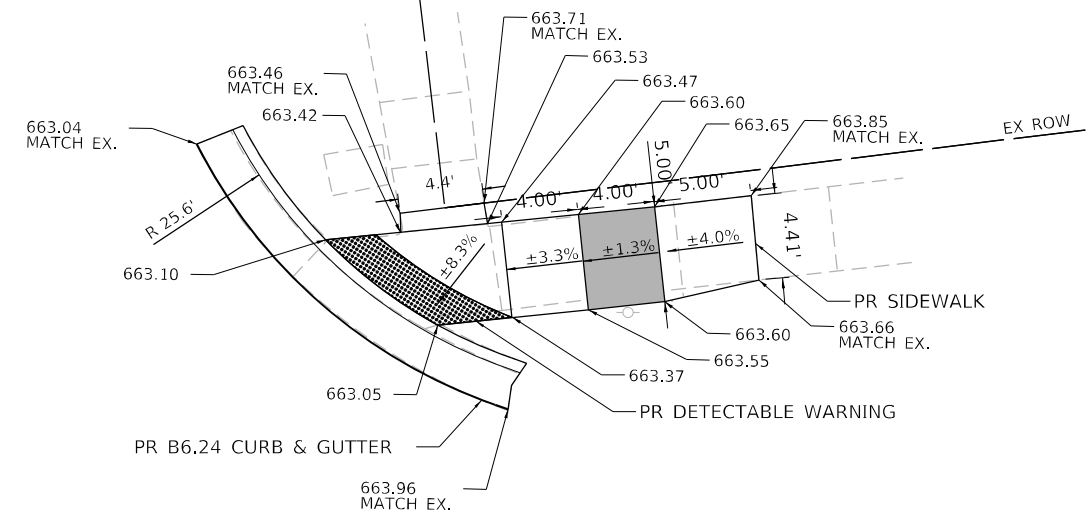
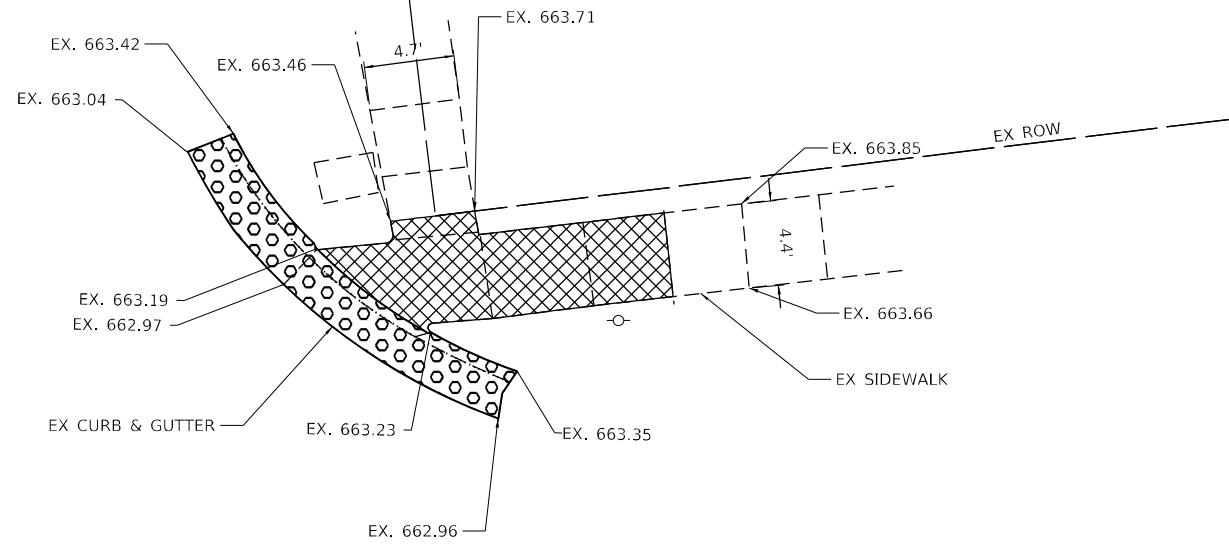
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FREMONT ST

FREMONT ST



US-34 (CHURCH ST)

US-34 (CHURCH ST)



EX CL US-34 (CHURCH ST)

EX CL US-34 (CHURCH ST)

NOTES:

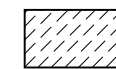
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2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

LEGEND:

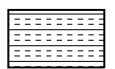
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RESTORATION (SODDING AND SUP. WATERING)



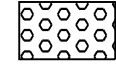
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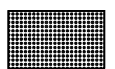
SIDEWALK / MEDIAN REMOVAL



CURB AND GUTTER REMOVAL



DETECTABLE WARNING



FREMONT ST (NE) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 102.3 SQ FT  
 DETECTABLE WARNINGS = 15.6 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 21.9 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 20.1 FT  
 SIDEWALK REMOVAL = 75.9 SQ FT

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 591 (CHURCH STREET)  
 FREEMONT STREET NE ADA RAMP

SCALE: 1"=5'

SHEET OF SHEETS STA. TO STA.

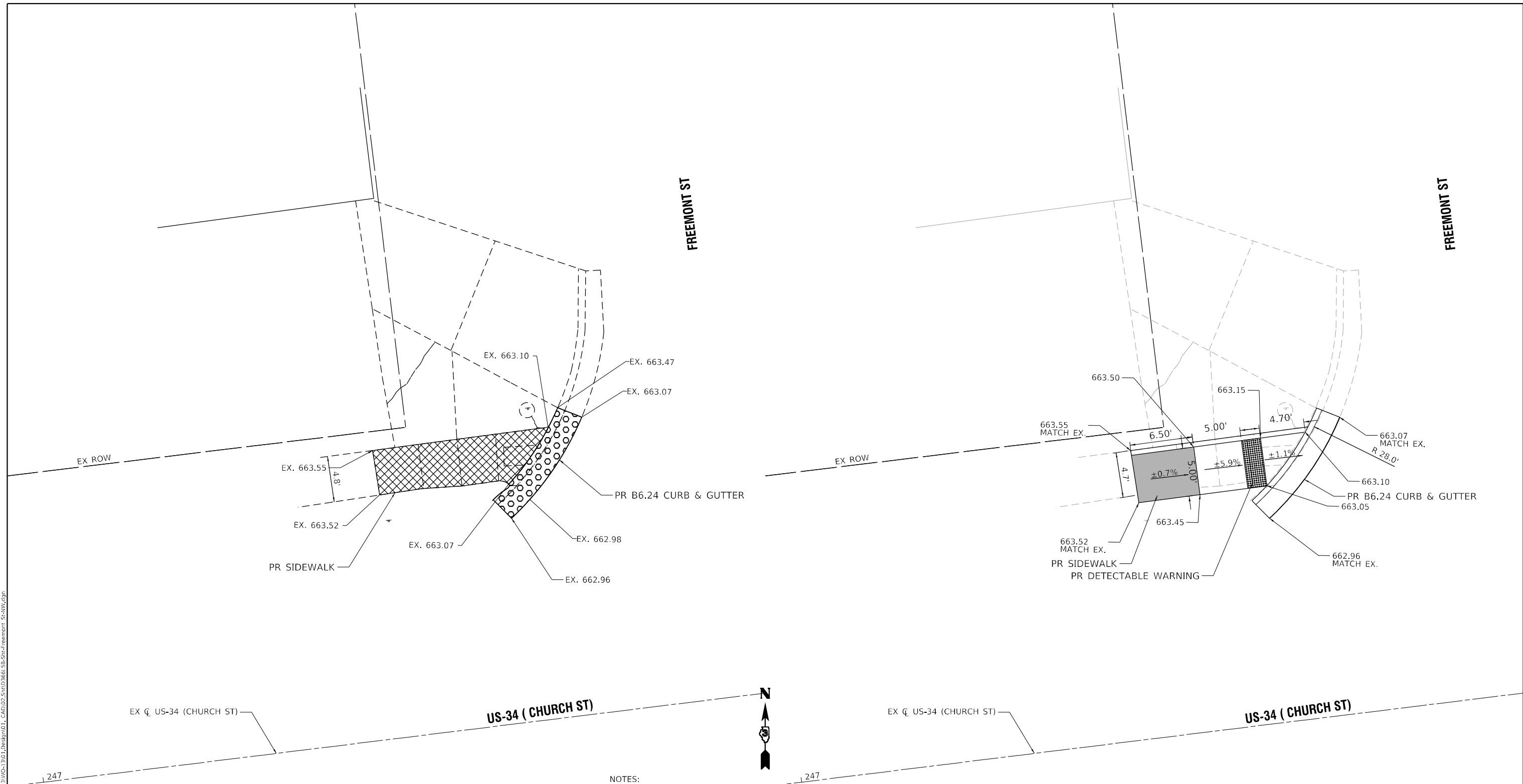
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591	(15A,15R)RS-6,5W	*	118	96
CONTRACT NO. 66L58				

ILLINOIS FED. AID PROJECT

\* - DEKALB AND KENDALL



MODEL: Default  
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 USER: mbart  
 DATE: 3/28/2022



**FREEMONT ST (NW) QUANTITIES**  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 89.2 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 12.9 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 12.1 FT  
 SIDEWALK REMOVAL = 78.5 SQ FT

- NOTES:**
- SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
  - SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
  - ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
  - SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
  - SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

**LEGEND:**

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL



USER NAME = MBart	DESIGNED - MB	REVISED -
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PLOT DATE = 3/28/2022	DATE - 3/18/2022	REVISED -

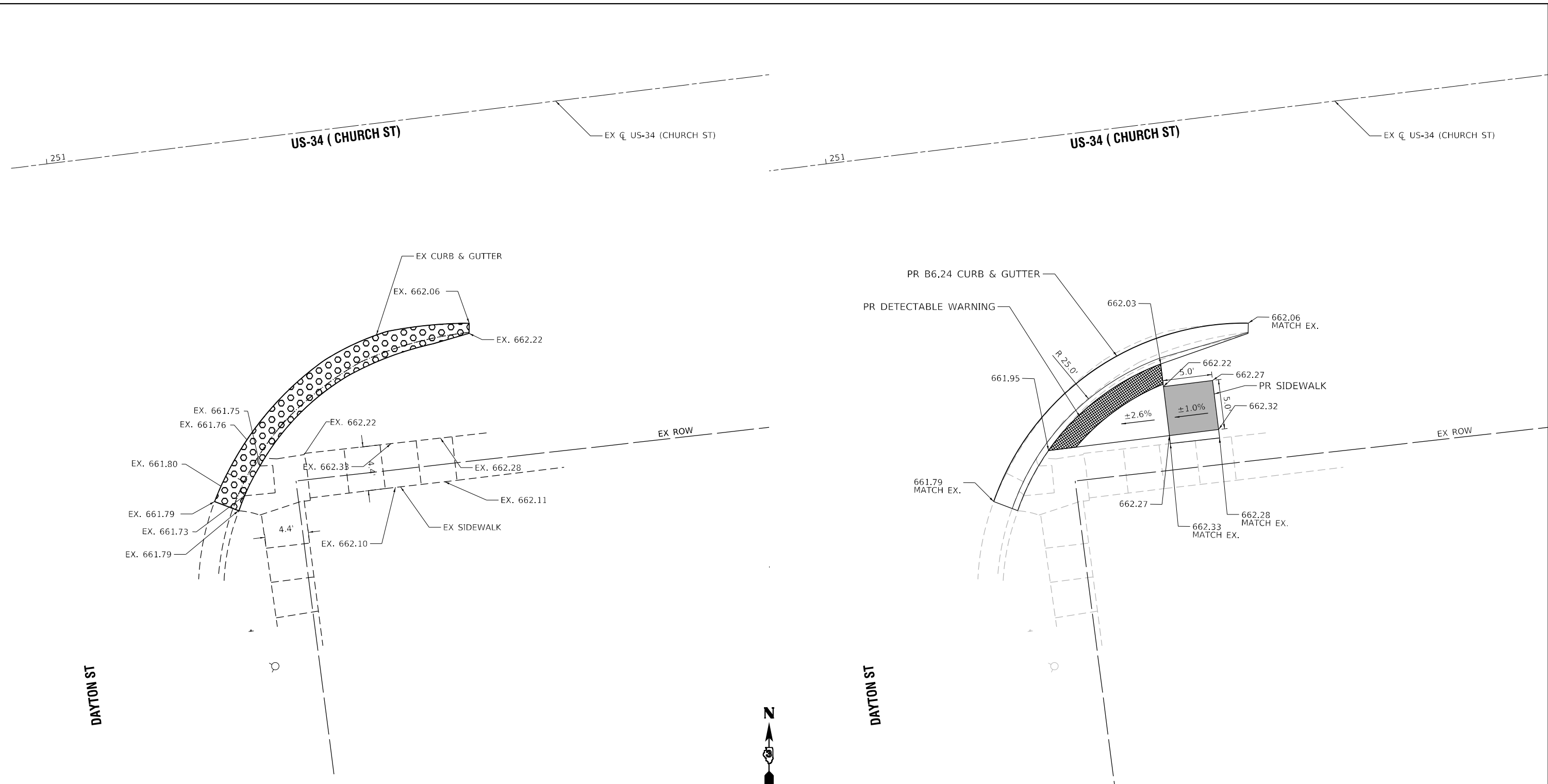
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 591 (CHURCH STREET)**  
**FREEMONT STREET NW ADA RAMP**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	97
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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 USER: mbarth  
 DATE: 3/28/2022



**DAYTON ST (SE) QUANTITIES**  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 84.4 SQ FT  
 DETECTABLE WARNINGS = 25.5 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 33.6 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 31.5 FT

**NOTES:**

- SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
- SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
- ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
- SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
- SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

**LEGEND:**

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



USER NAME = MBarth	DESIGNED - MB	REVISED -
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PLOT SCALE = 1/8" = 1' / in.	DATE - 3/18/2022	REVISED -
PLOT DATE = 3/28/2022		

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 591 (CHURCH STREET)**  
**DAYTON STREET SE ADA RAMP**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	98
CONTRACT NO. 66L58				

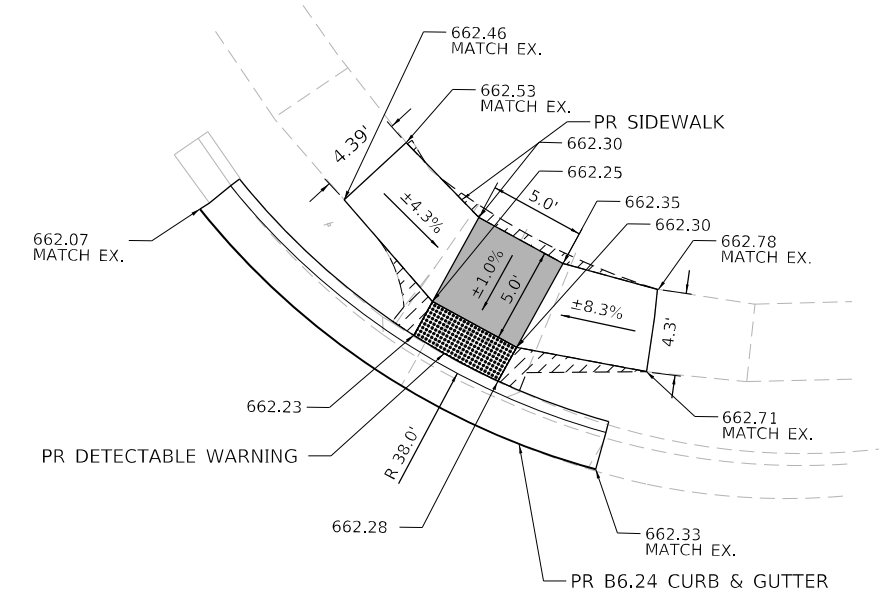
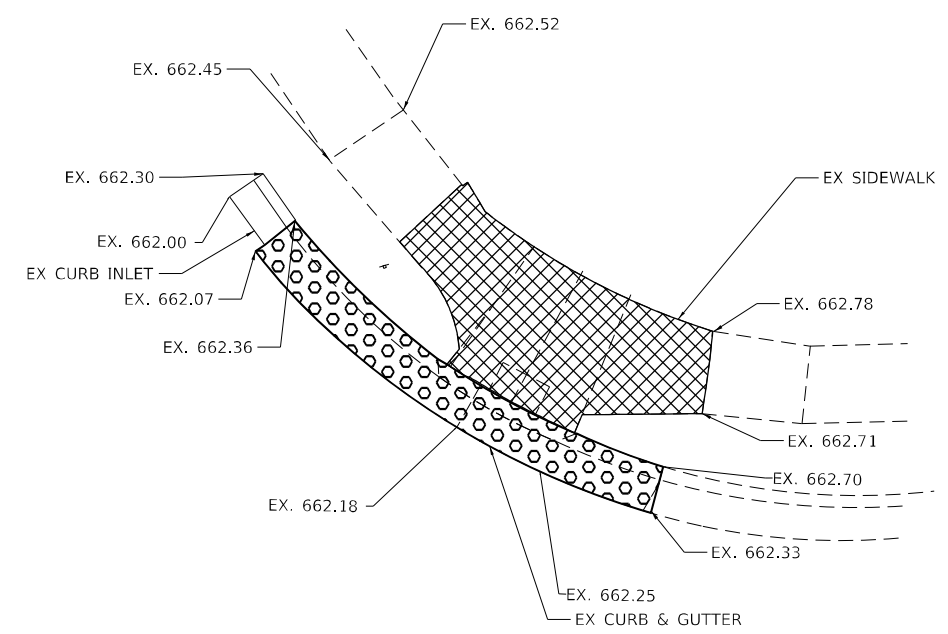
\* - DEKALB AND KENDALL

ILLINOIS FED. AID PROJECT



DAYTON ST

DAYTON ST



EX CL US-34 (CHURCH ST)

EX CL US-34 (CHURCH ST)

US-34 (CHURCH ST)

US-34 (CHURCH ST)



NOTES:

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

DAYTON ST (NE) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 91.0 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 25.1 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 23.9 FT  
 SIDEWALK REMOVAL = 105.1 SQ FT

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL

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PLOT DATE = 3/28/2022		

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 591 (CHURCH STREET)  
 DAYTON STREET NE ADA RAMP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,5W	*	118	100
CONTRACT NO. 66L58				

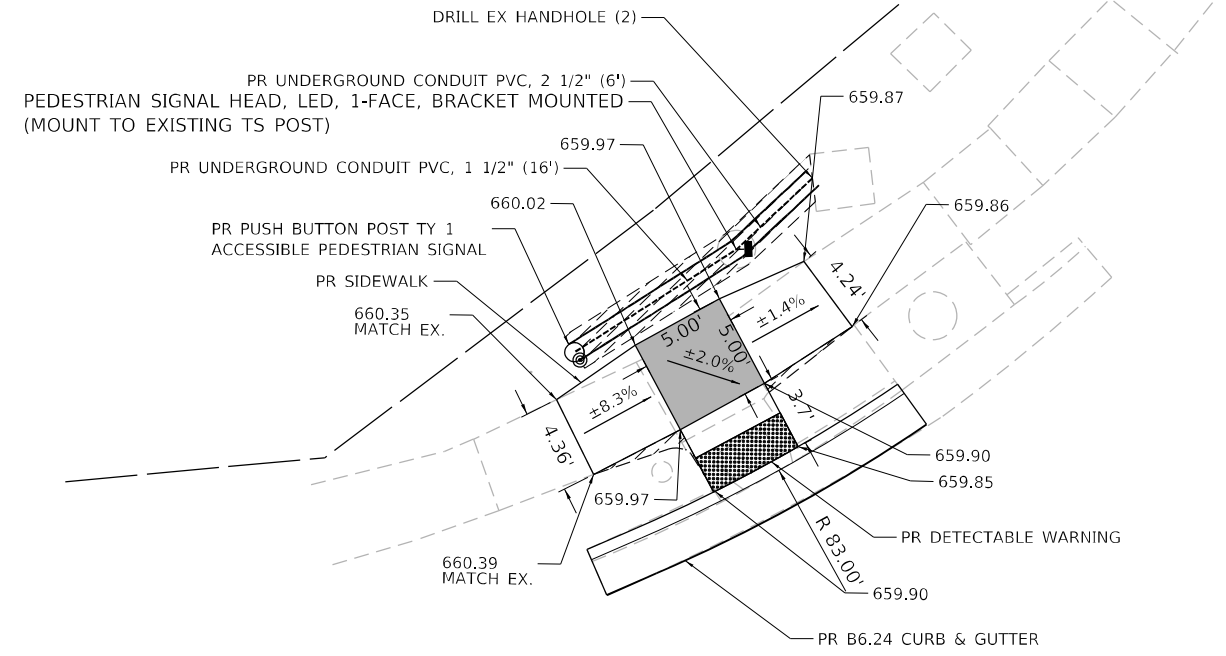
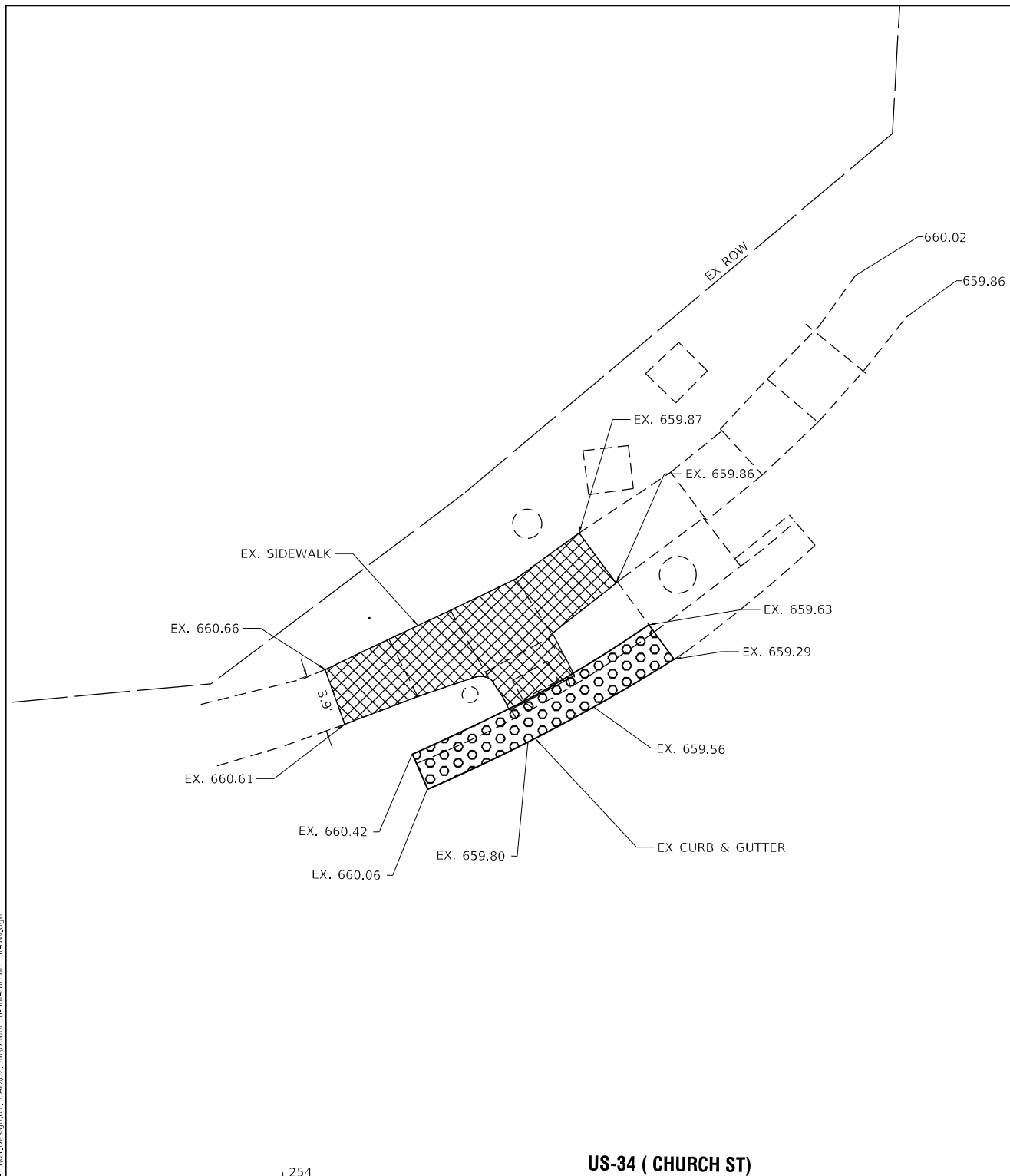
ILLINOIS FED. AID PROJECT





LATHAM ST

LATHAM ST



254

US-34 ( CHURCH ST)

254

US-34 ( CHURCH ST)

NOTES:

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

LATHAM ST (NW) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 90.6 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 30.6 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 18.5 FT  
 SIDEWALK REMOVAL = 105.8 SQ FT

LEGEND:

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL

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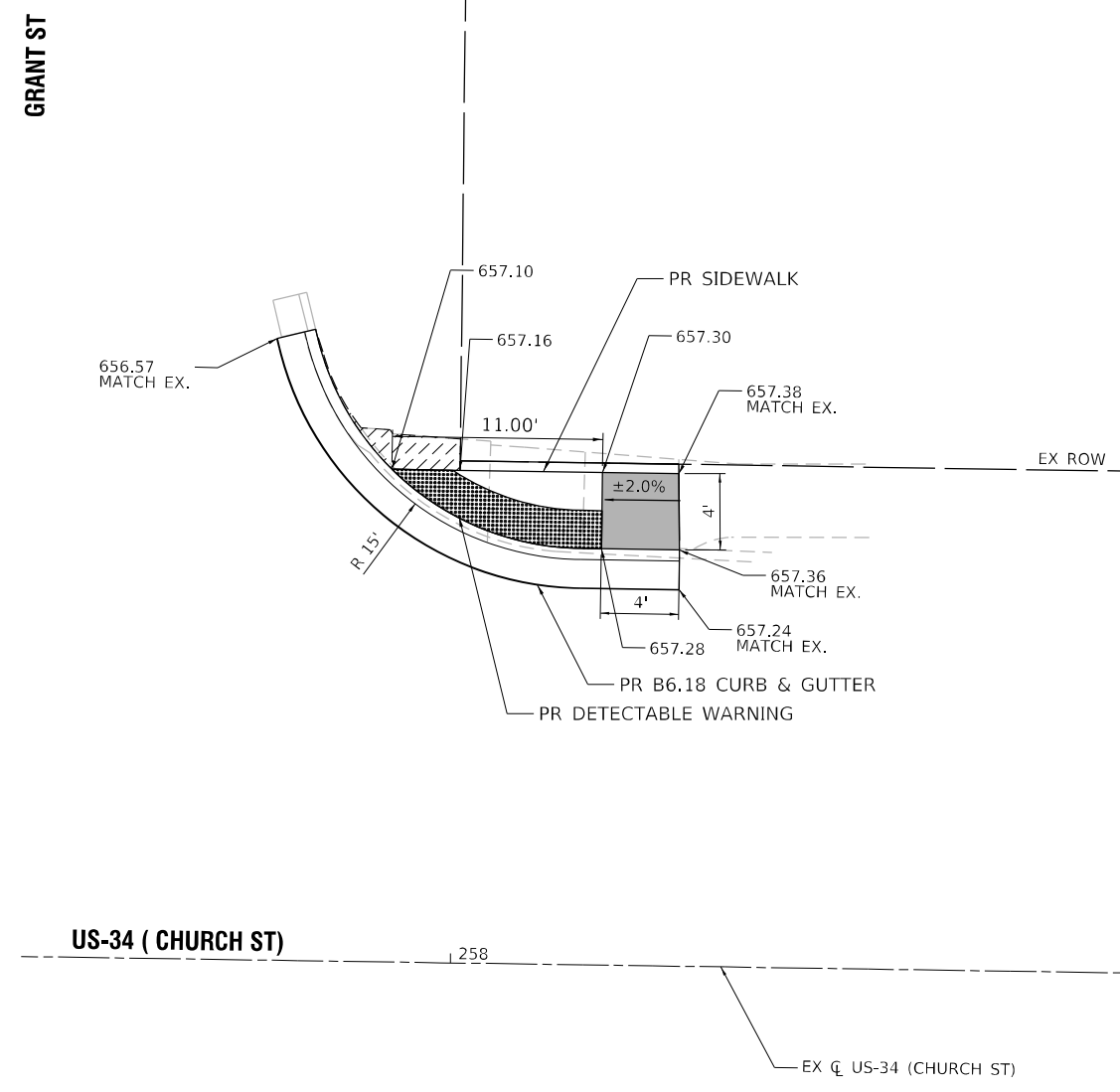
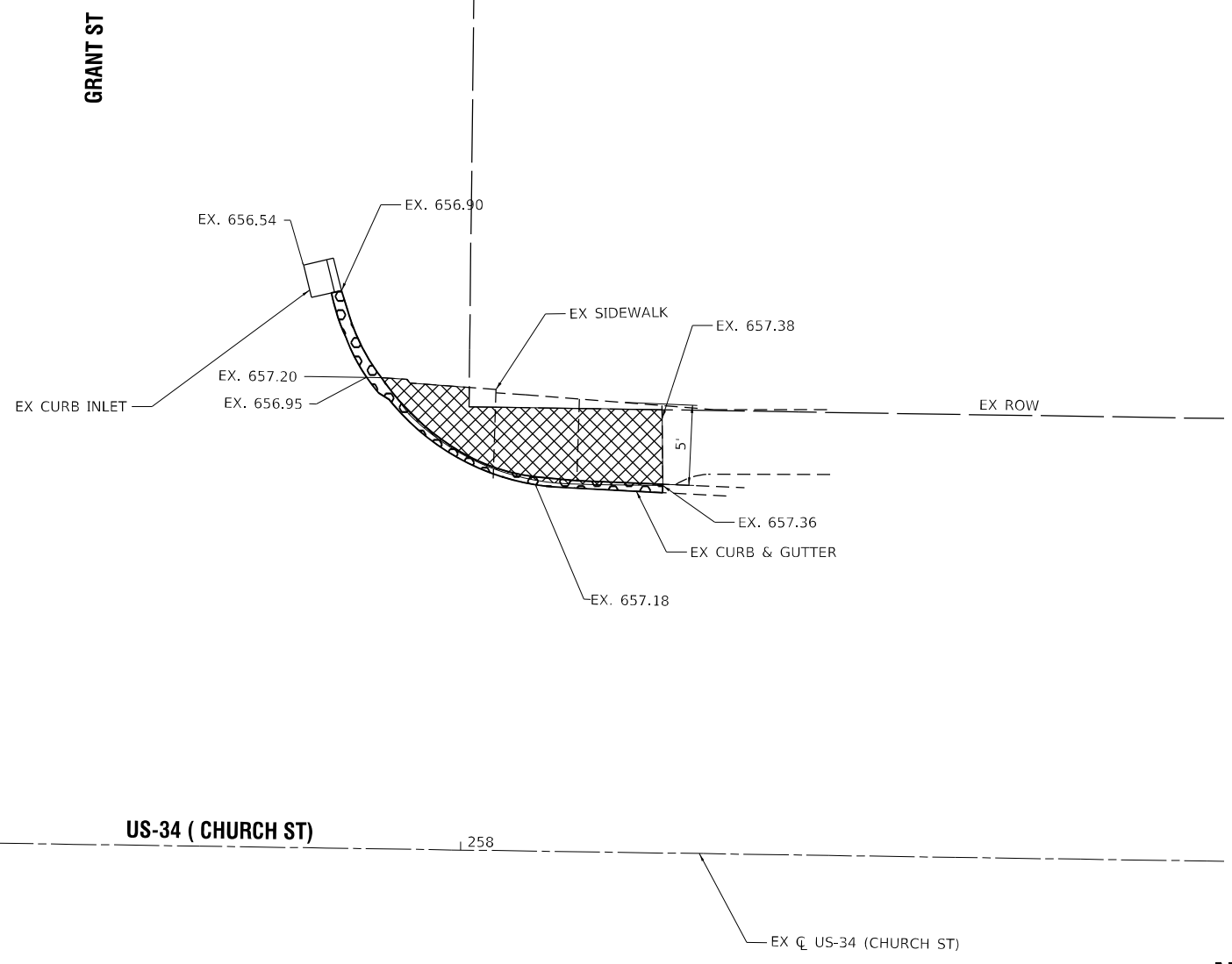
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 591 (CHURCH STREET)  
 LATHAM STREET NW ADA RAMP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6-SW	*	118	103
CONTRACT NO. 66L58			ILLINOIS FED. AID PROJECT	

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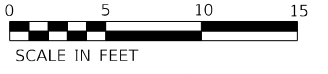
**NOTES:**

1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

**GRANT ST (NE) QUANTITIES**  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 53.6 SQ FT  
 DETECTABLE WARNINGS = 20.4 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 = 27.4 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 25.2 FT  
 SIDEWALK REMOVAL = 61.6 SQ FT

**LEGEND:**

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



\* - DEKALB AND KENDALL



USER NAME = MBart	DESIGNED - MB	REVISED -
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PLOT DATE = 3/28/2022	DATE - 3/18/2022	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 591 (CHURCH STREET)**  
**GRANT STREET NE ADA RAMP**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 66L58			ILLINOIS FED. AID PROJECT	





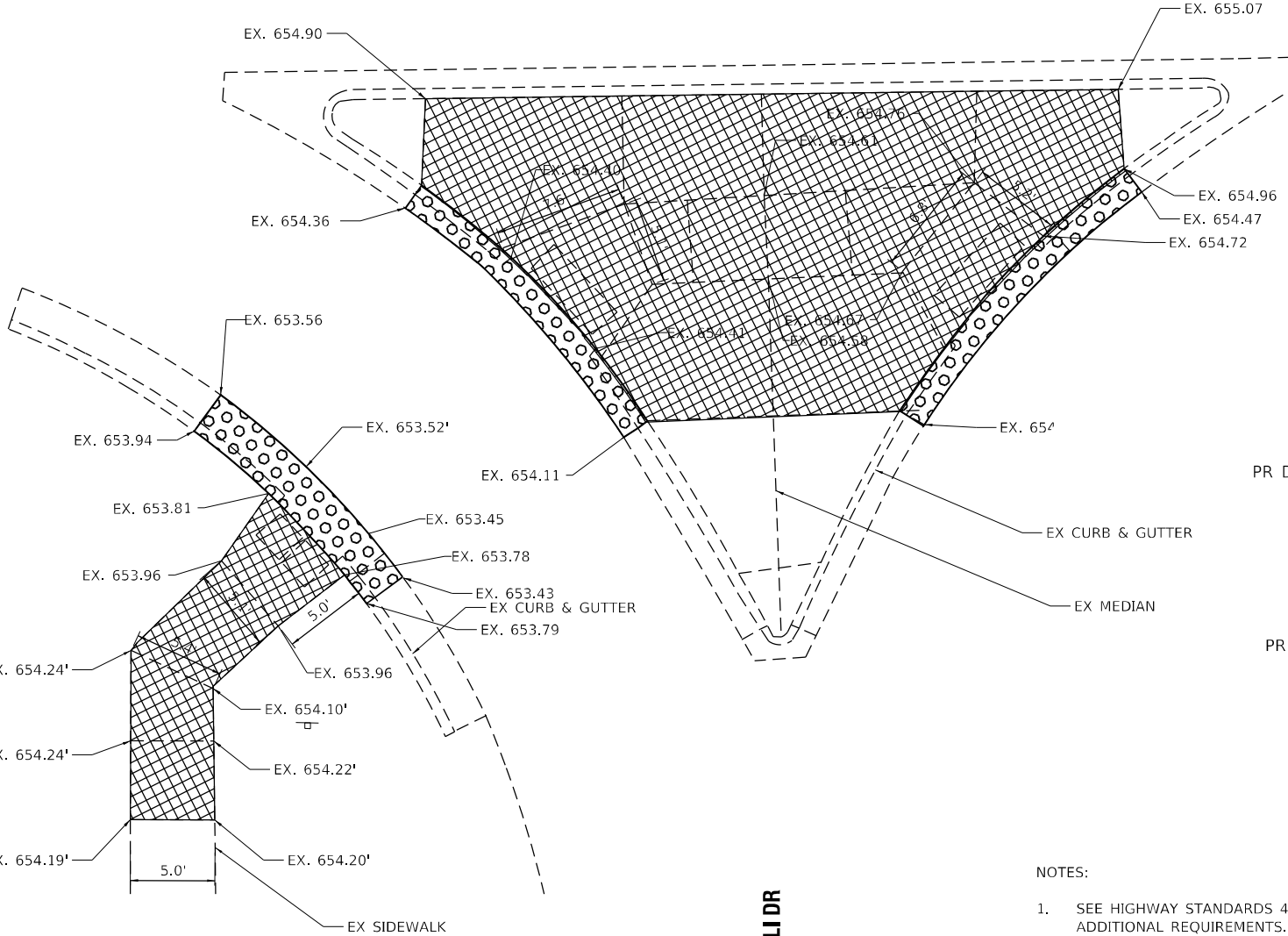




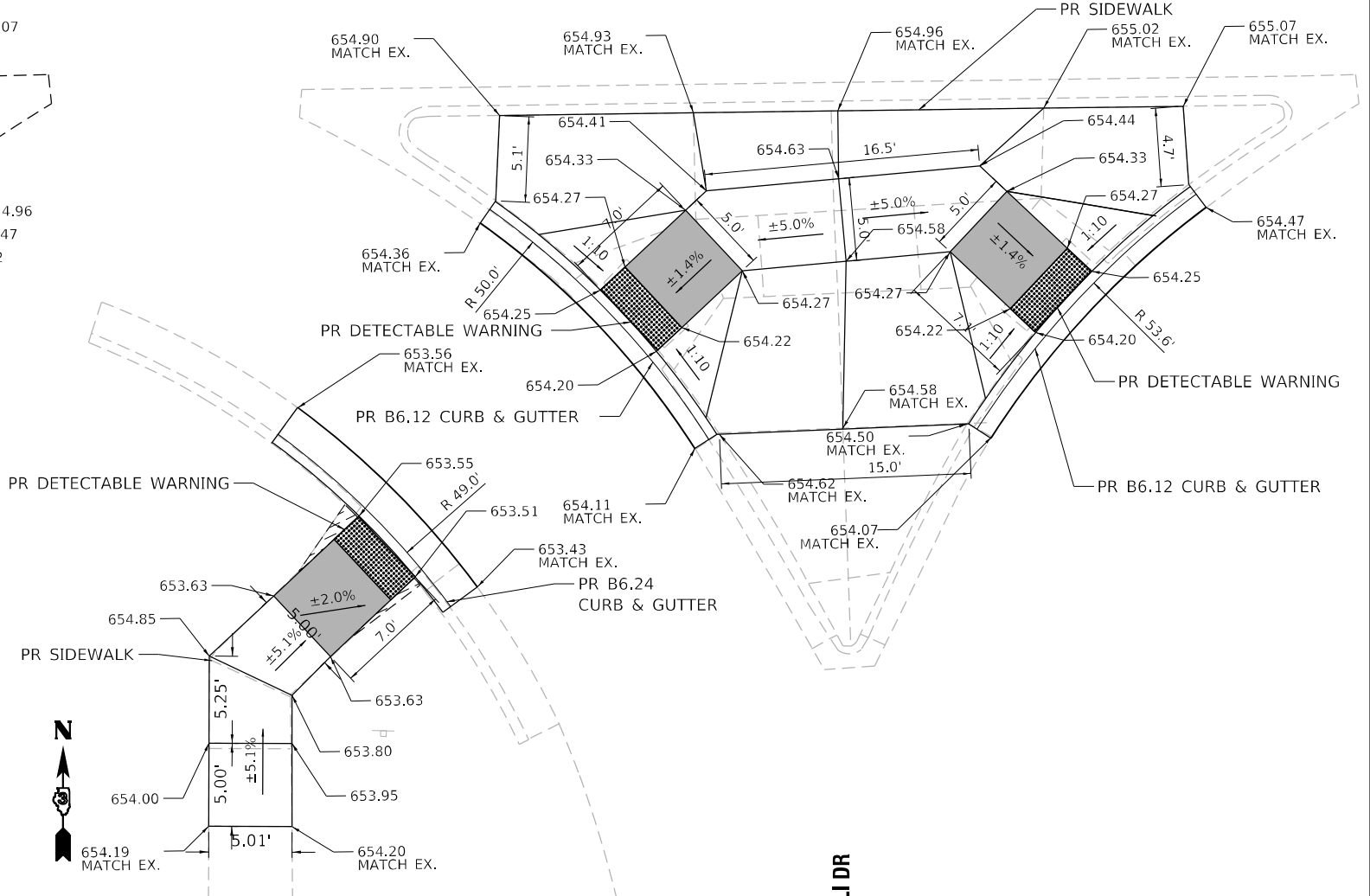
US-34 ( CHURCH ST)

US-34 ( CHURCH ST)

BELLI ST (ISLAND)  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 197.1 SQ FT  
 DETECTABLE WARNINGS = 20.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 = 38.0 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 38.8 FT  
 SIDEWALK REMOVAL = 587.9 SQ FT  
 CONCRETE MEDIAN SURFACE, 4 INCH = 390.8 SQ FT



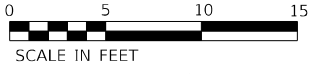
BELLI ST (SW) QUANTITIES  
 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH = 102.6 SQ FT  
 DETECTABLE WARNINGS = 10.0 SQ FT  
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 = 15.3 FT  
 COMBINATION CURB AND GUTTER REMOVAL = 14.7 FT  
 SIDEWALK REMOVAL = 105.8 SQ FT



- NOTES:
1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
  2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMPS.
  3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2% LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITHIN THE MAXIMUM SLOPE.
  4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
  5. SIDEWALK CURBS ARE INCLUDED IN THE COST OF SIDEWALK.

**LEGEND:**

TURNING SPACE / LEVEL LANDING		RESTORATION (SODDING AND SUP. WATERING)		PAVEMENT REMOVAL	
SIDEWALK / MEDIAN REMOVAL		CURB AND GUTTER REMOVAL		DETECTABLE WARNING	



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DRAWN - RK	REVISIONS -	
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PLOT DATE = 3/28/2022	DATE - 3/18/2022	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 591 (CHURCH STREET)  
 BELLI DRIVE SW ADA RAMP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,SW	*	118	108
CONTRACT NO. 66L58				
ILLINOIS FED. AID PROJECT				

\* - DEKALB AND KENDALL

Gletty  
Road

Fairwind  
Boulevard

Main  
Street

Latham  
Street

Duvick  
Avenue

Drew  
Avenue

Tara  
Street

Chilton  
Way

**TRAFFIC SIGNS - ARM MAST**

NOTES:

- 1. TWO LINE, WHITE ON GREEN, TYPE ZZ SHEETING
- 2. UPPER CASE LETTERING SHALL BE 8". LOWER CASE LETTERING SHALL BE 6"
- 3. SEE SCHEDULE FOR SIZE, QUANTITY AND LOCATION
- 4. MAIN ST "HONORARY VETERANS PKWY" SIGNS SHALL BE RELOCATED.

US Route 34

**TRAFFIC SIGNS - ARM MAST**

NOTES:

- 1. 60" X 18" - 8 SQ FT EACH.
- 2. ONE LINE LETTERING.
- 3. LETTERING SHALL UTILIZE 8" UPPER CASE AND 6" LOWER CASE.
- 4. SEE SCHEDULE FOR QUANTITY AND LOCATION

US Route 34  
Church Street

**TRAFFIC SIGNS - ARM MAST**

NOTES:

- 1. 60" X 30" - 13 SQ FT EACH.
- 2. THE STATE HIGHWAY DESIGNATION IS ON THE TOP LINE AND THE CITY STREET IS ON THE LOWER LINE.
- 3. THE TOP LINE LETTERING SHALL UTILIZE 8" UPPER CASE AND 6" LOWER CASE.
- 4. THE BOTTOM LINE LETTERING SHALL UTILIZE 6" UPPER CASE AND 4-3/4" LOWER CASE.
- 5. SEE SCHEDULE FOR QUANTITY AND LOCATION

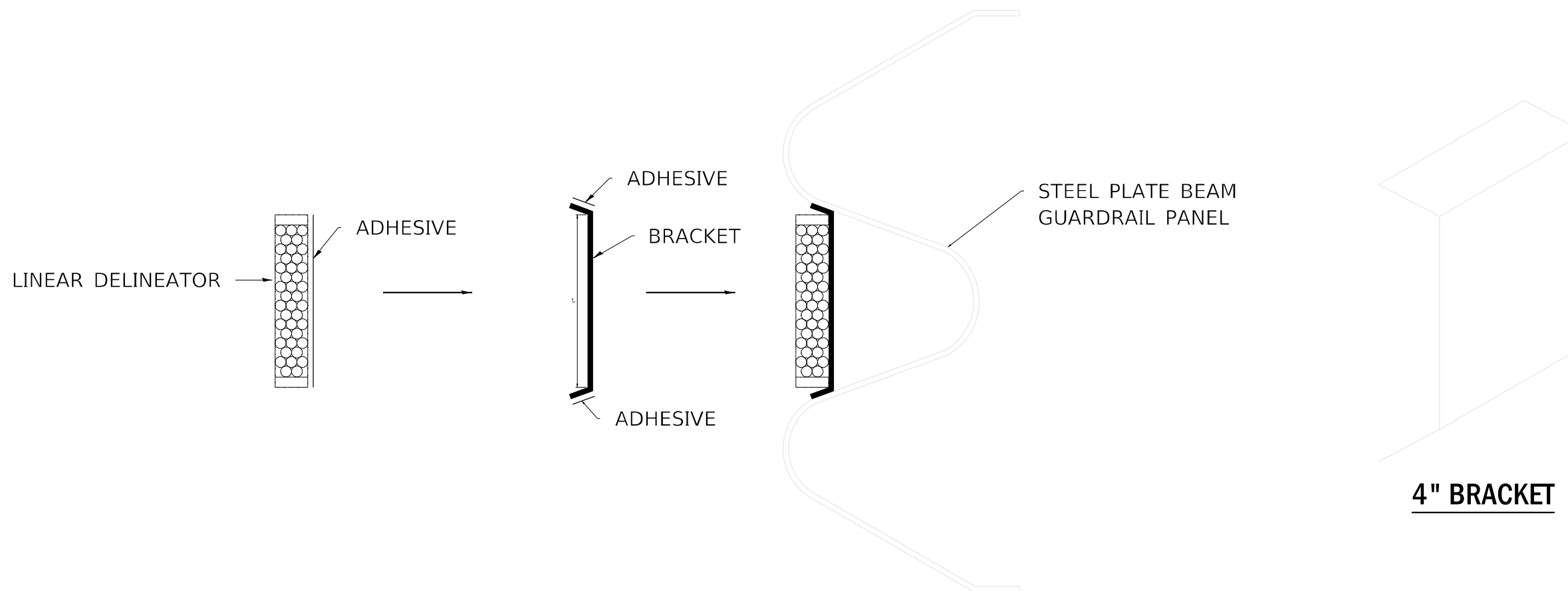
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	PLOT DATE = 3/24/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

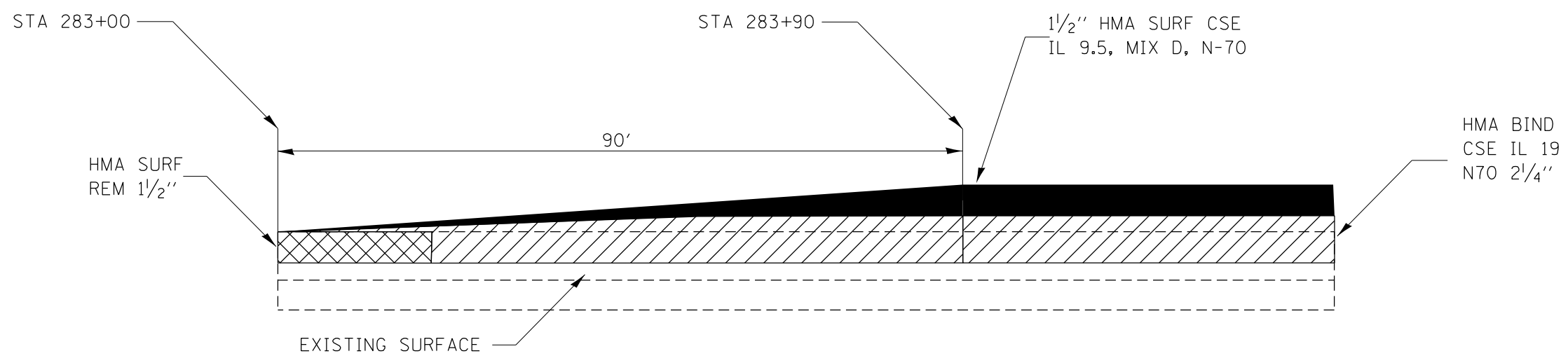
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591	(15A,15R)RS-6,SW	*	118	109
			CONTRACT NO. 66L58	
		ILLINOIS	FED. AID PROJECT	



## LINEATOR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

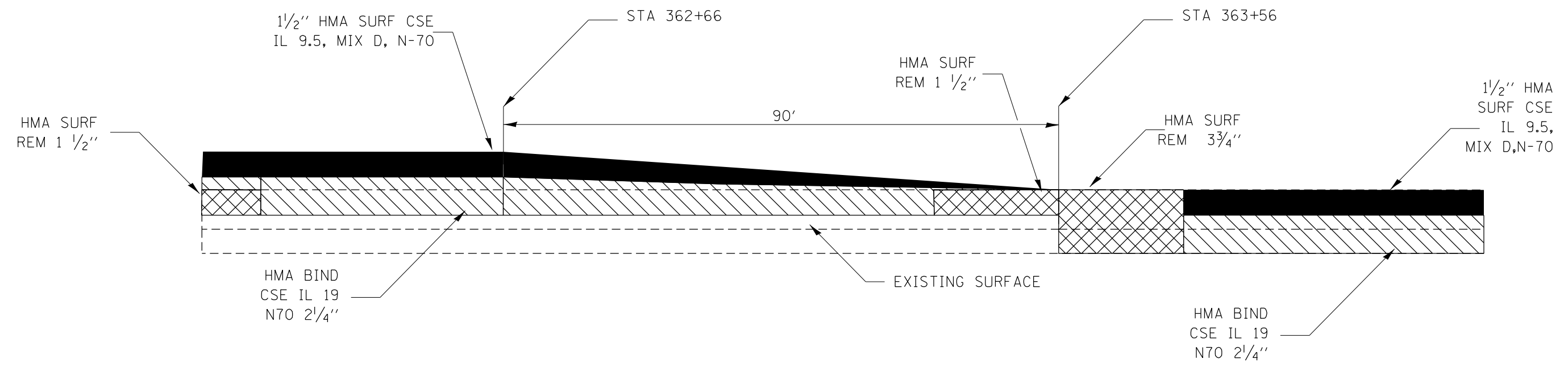
LINEATOR DELINEATOR SHALL BE APLLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS

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.
DRAWN -	REVISED -	PLOT SCALE = 100,0000' / in.	CHECKED -					591	(15A,15R)RS-6,SW	-	118	110
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Default								ILLINOIS   FED. AID PROJECT      * DEKALB & KENDALL				



**PROPOSED  
HMA TAPER DETAIL**

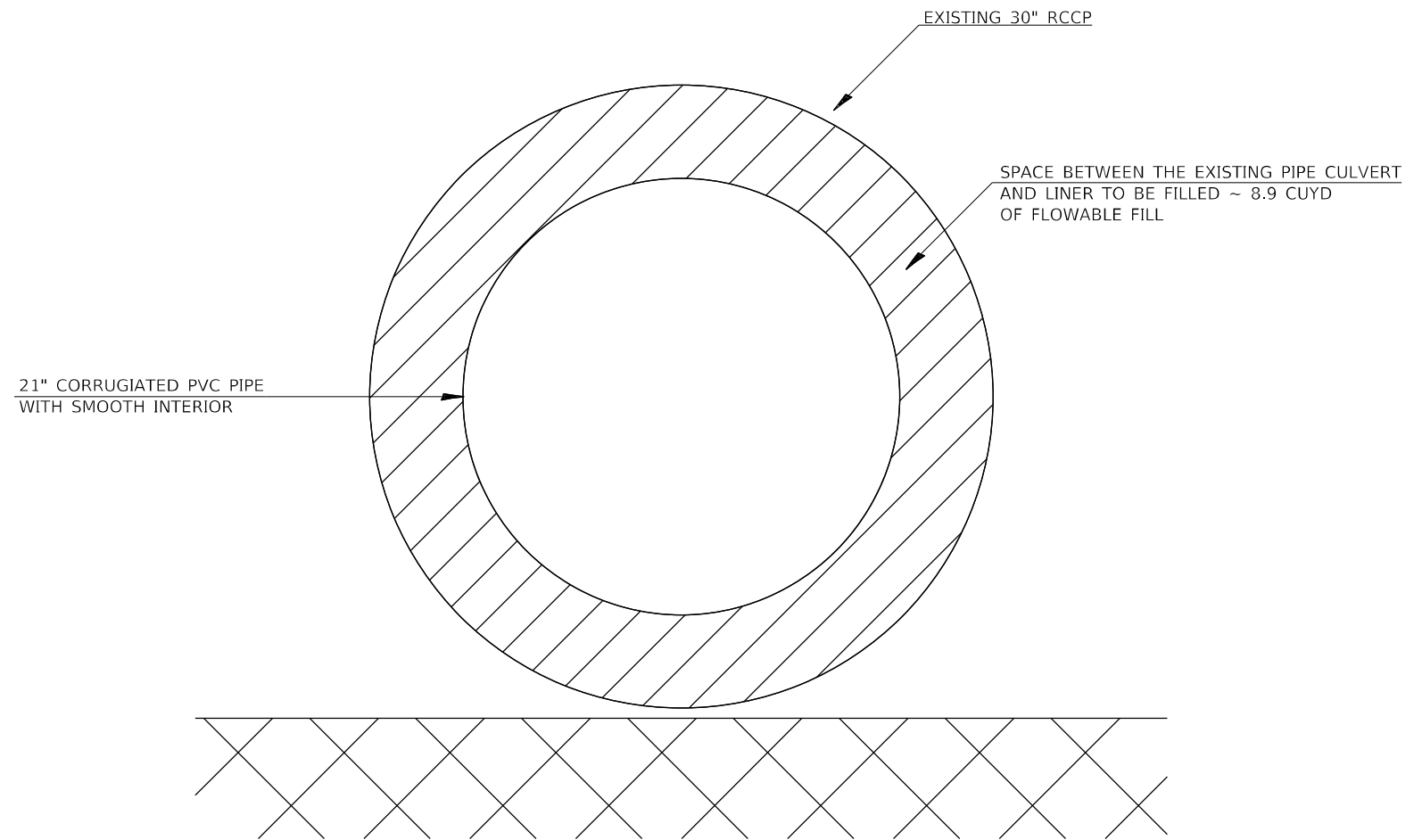
STA 283+00 - STA 283+90



**PROPOSED  
HMA TAPER DETAIL**

STA 362+66 - STA 363+56

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.
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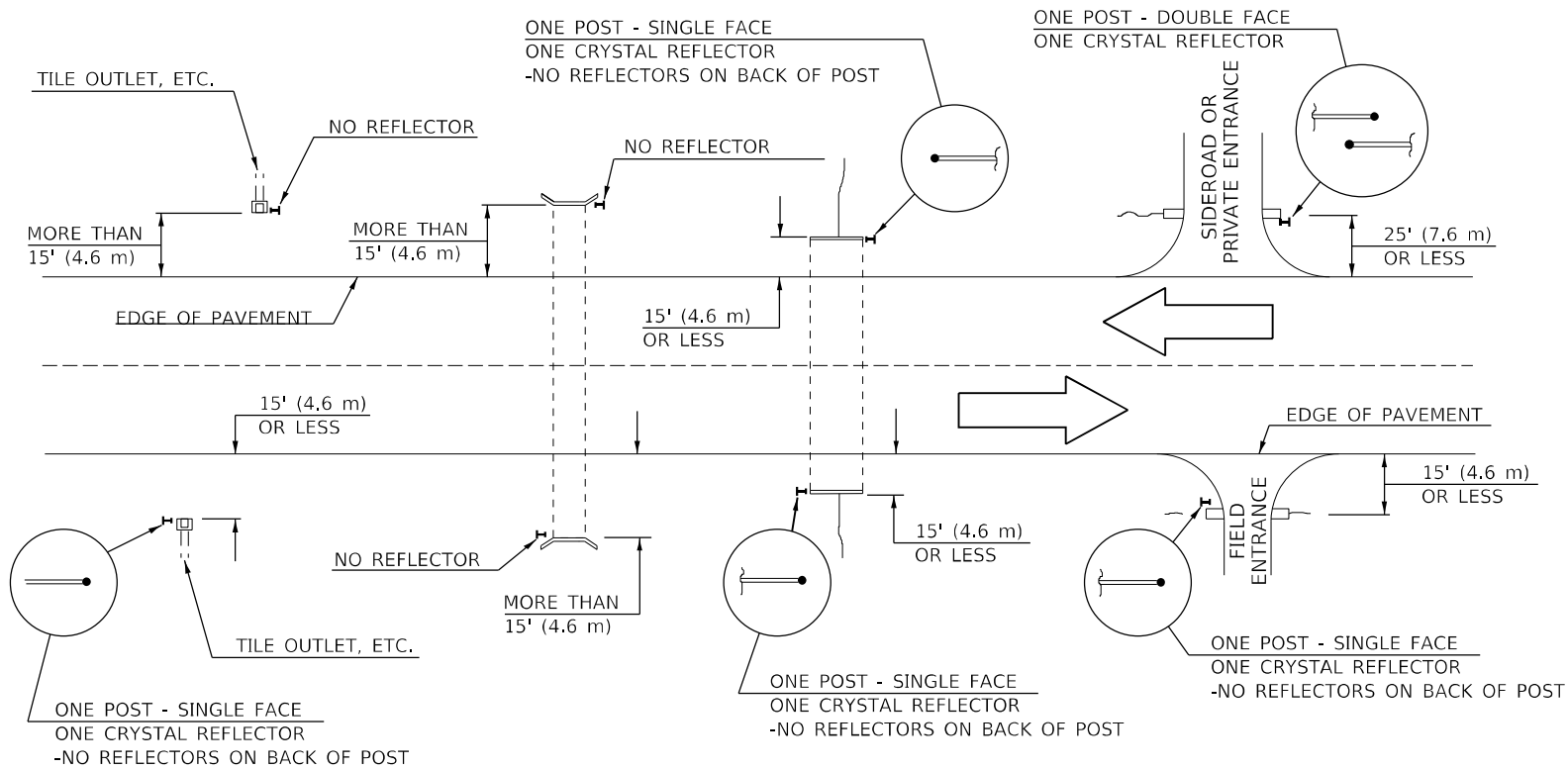
**CULVERT #2562**

**NOTES:**

1. EXISTING 30" RCCP SHALL BE DEWATERED AND CLEANED OF ALL FOREIGN MATERIALS
2. 21" CORRIGATED PVC PIPE WITH SMOOTH INTERIOR SHALL BE INSERTED INTO EXISTING 30" RCCP CULVERT AS SHOWN ON PLAN DETAIL.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PER FOOT FOR INSERTION CULVERT LINER.

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.
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	PLOT DATE = 3/24/2022	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		





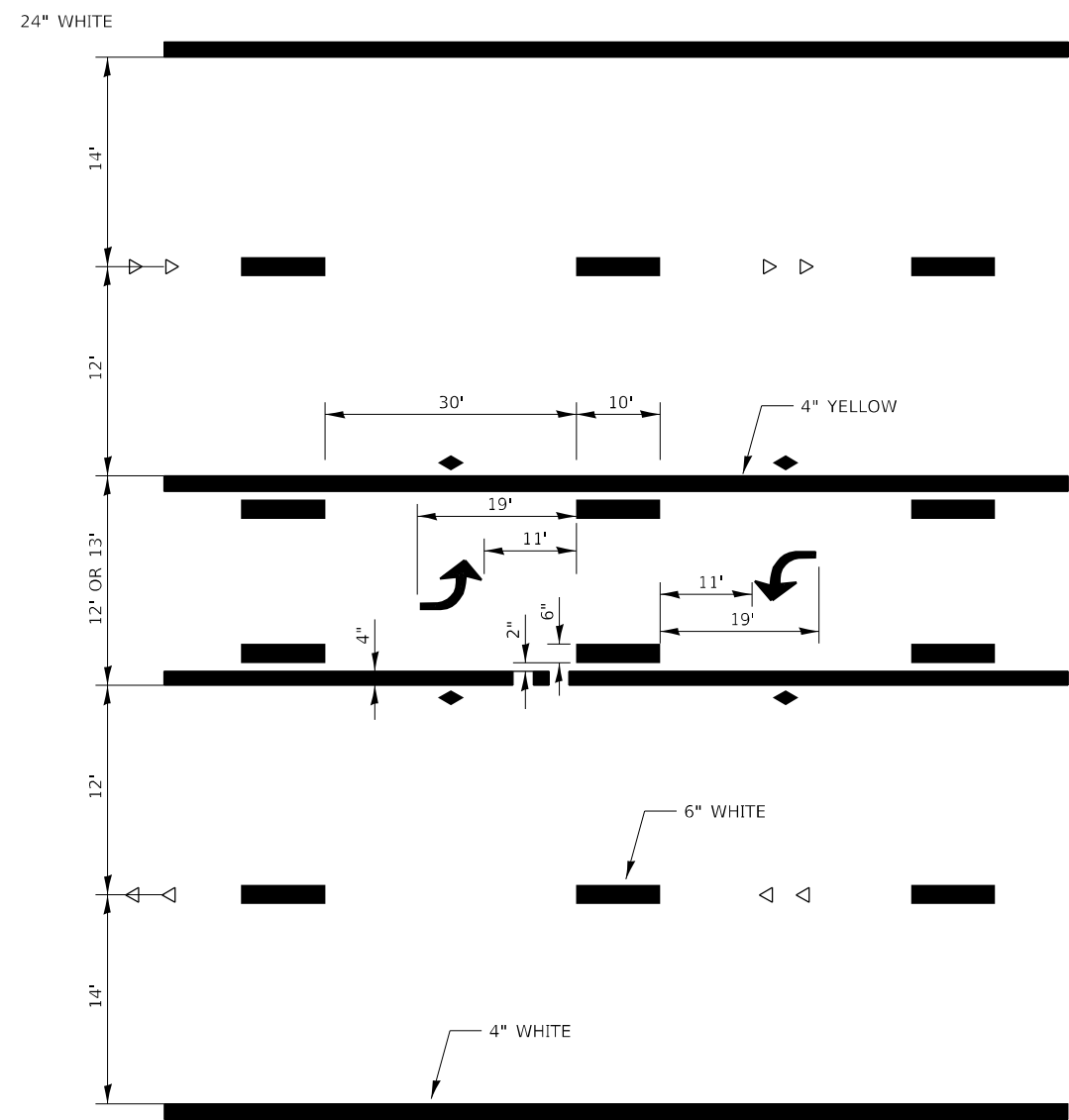
**IDENTIFICATION OF ROADSIDE HAZARDS FOR TWO-LANE ROADWAYS**

**BILL OF MATERIALS**

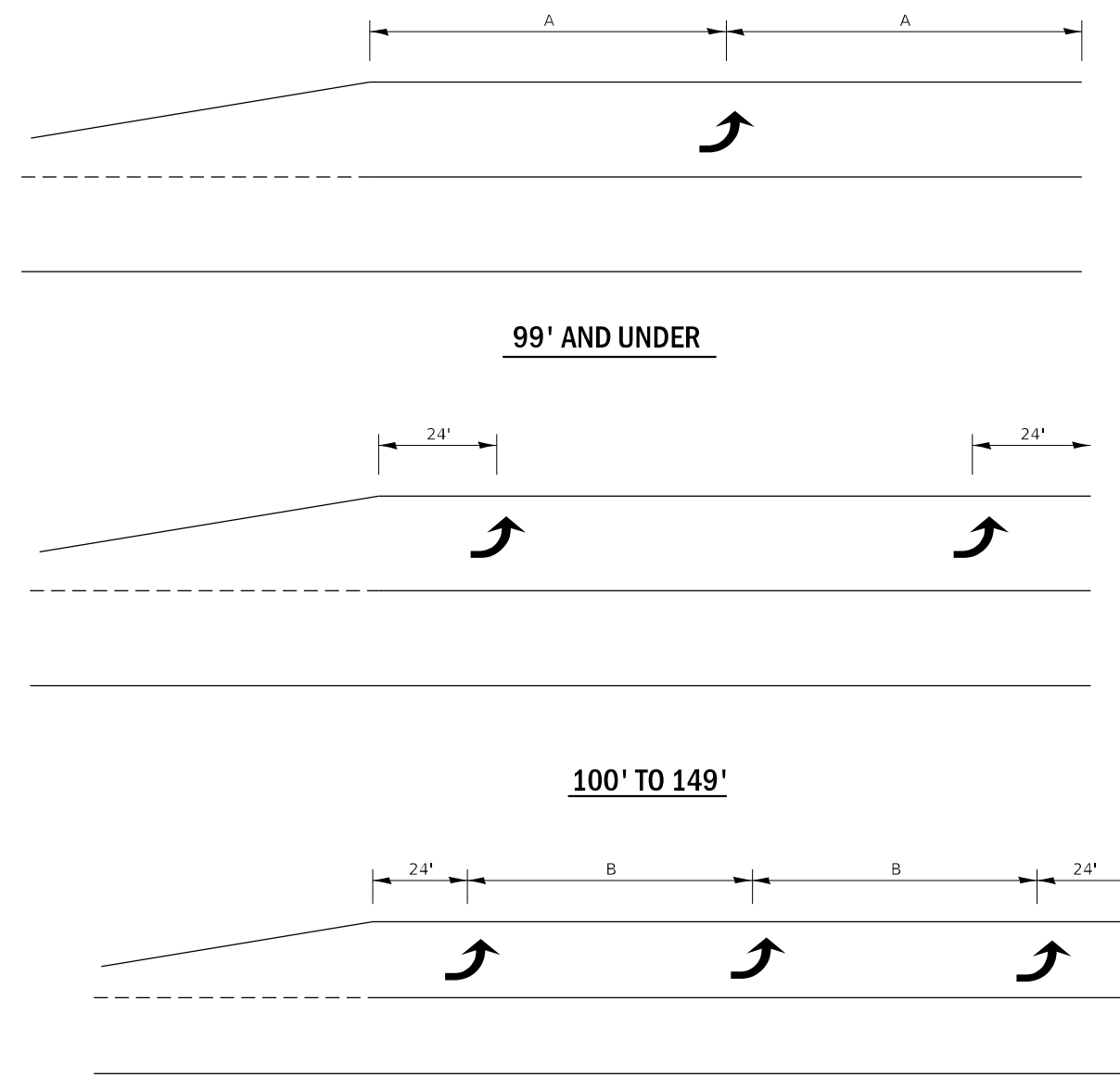
DELINEATOR TYPE	SINGLE FACE	DOUBLE FACE	NO REFLECTOR	TOTAL DELINEATORS
SINGLE CRYSTAL	11		N/A	11
SINGLE CRYSTAL			TOTAL	11

**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.



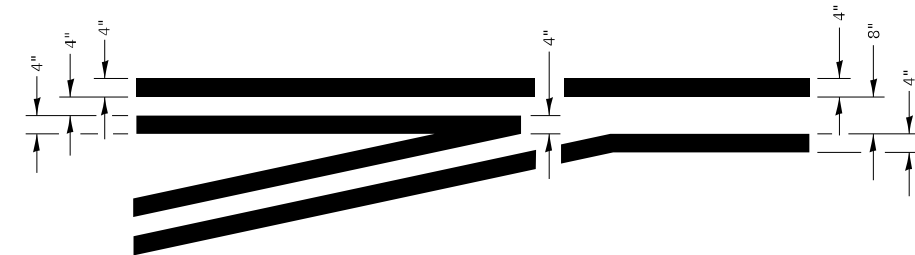
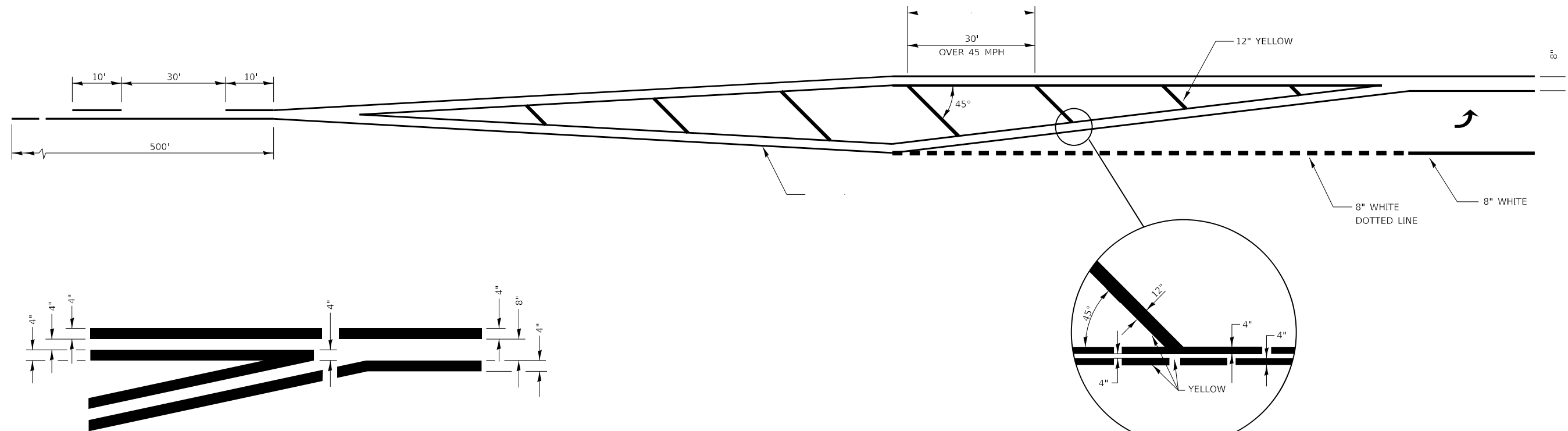
**TYPICAL APPLICATION @  
TWO WAY LEFT TURN LANE (TWLTL)**



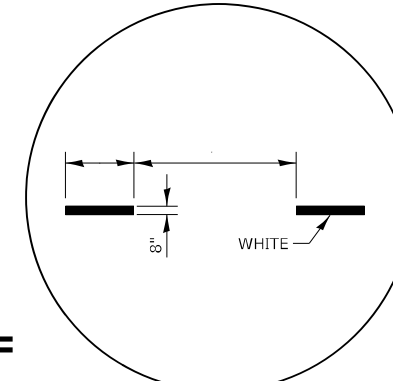
**150' AND LONGER**  
**TYPICAL PLACEMENT OF ARROWS  
IN TURN LANES**

# 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:\illdot-pw\berkeley.com\PWIDOT\Documents\IDOT Office\District 3\Projects\D366L58\CADData\D366L58-sh1-detaills.dgn	DRAWN -	REVIS	REVIS					591	(15A,15R)RS-6,SW	*	118	114
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVIS		CONTRACT NO. 66L58							
	PLOT DATE = 3/24/2022	DATE -	REVIS		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT

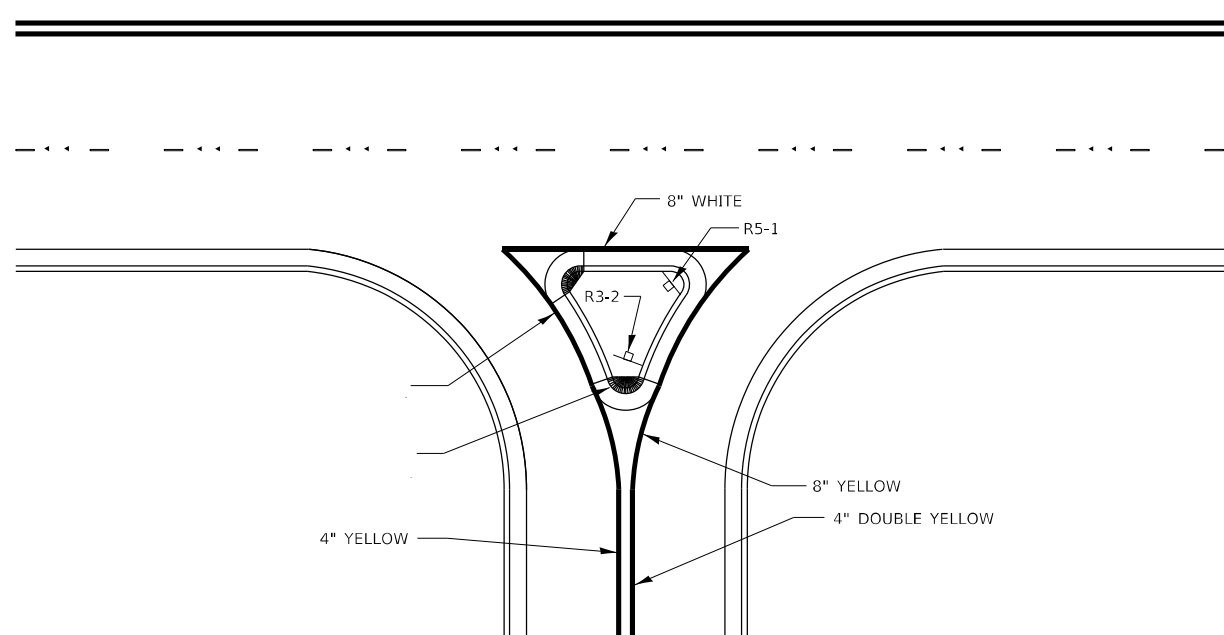


**TYPICAL APPLICATION  
@ LEFT TURN LANES**

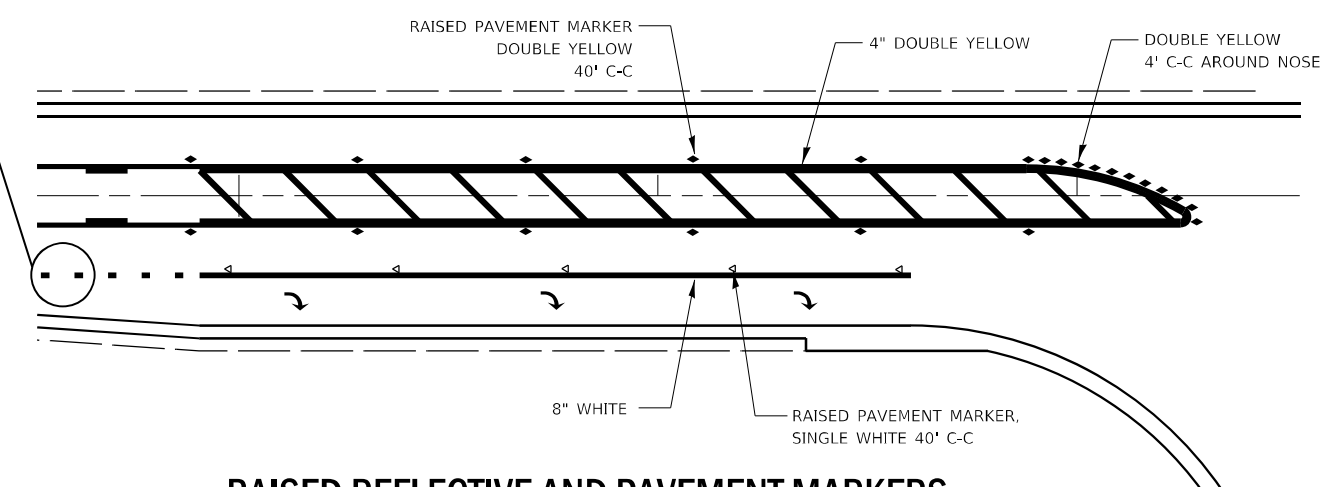


**ADVANCE AND INTERSECTION LANE  
DIVIDER LINES**

# URBAN PAVEMENT MARKING



**RIGHT IN RIGHT OUT ACCESS PAVEMENT MARKING**



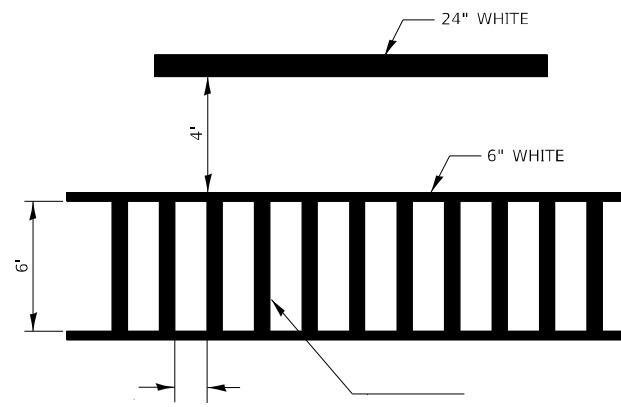
**RAISED REFLECTIVE AND PAVEMENT MARKERS  
@ RIGHT TURN LANE**

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
pw:\idot-pw\berkeley.com\PWIDOT\Documents\IDOT Office\District 3\Projects\D366L58\CADData\D366L58-sh1-detaills.dwg		DRAWN -	REVISED -
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Default	PLOT DATE = 3/24/2022	DATE -	REVISED -

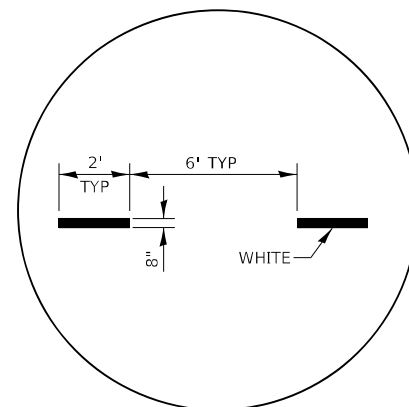
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

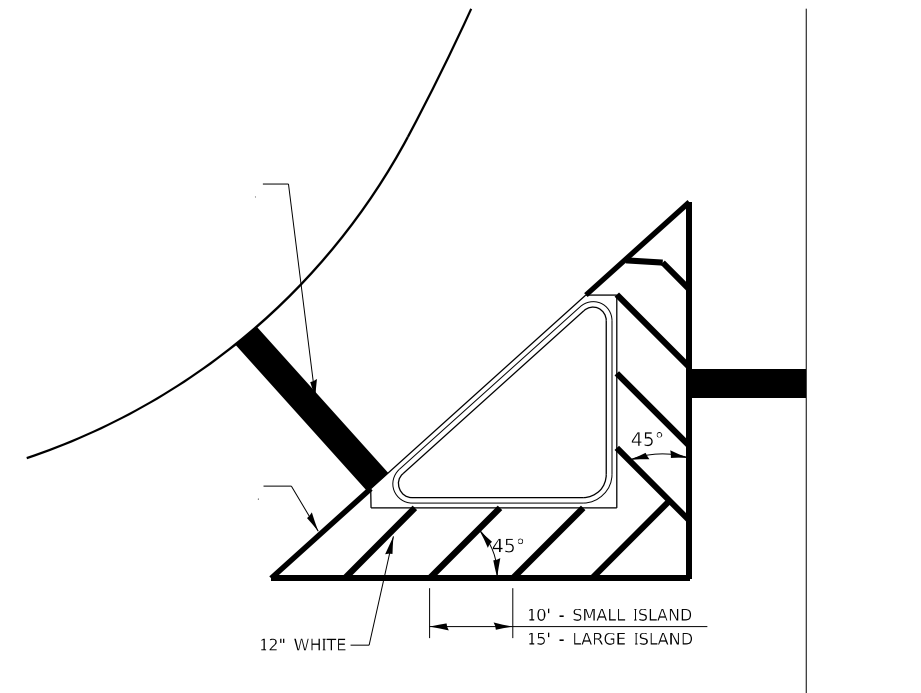
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15A,15R)RS-6,SW	*	118	115
CONTRACT NO. 66L58				



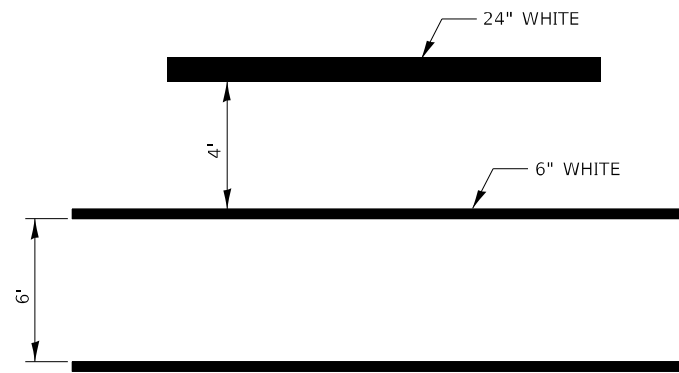
**TYPICAL SPACING DETAIL FOR  
CROSSWALKS AND STOP BARS**



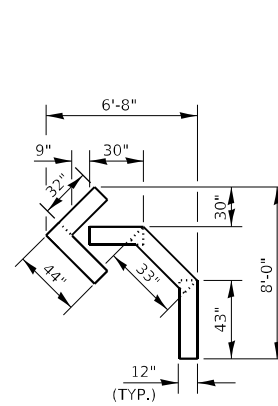
**ADVANCE AND INTERSECTION LANE  
DIVIDER LINES**



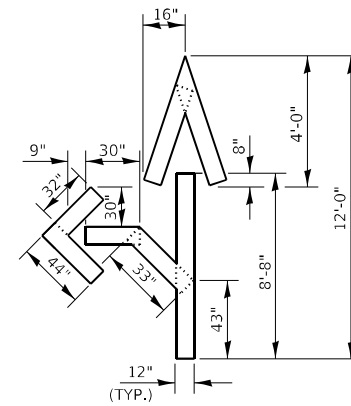
**TYPICAL ISLAND**



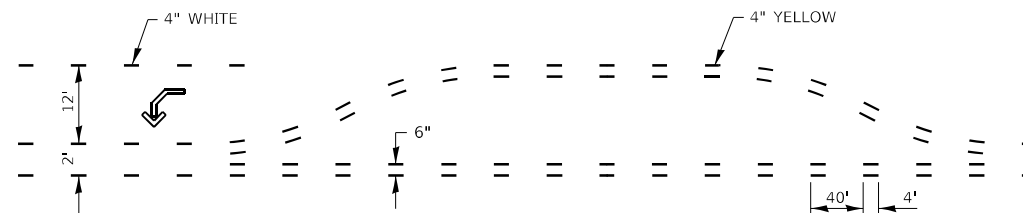
**TYPICAL SPACING DETAIL FOR  
CROSSWALKS AND STOP BARS**



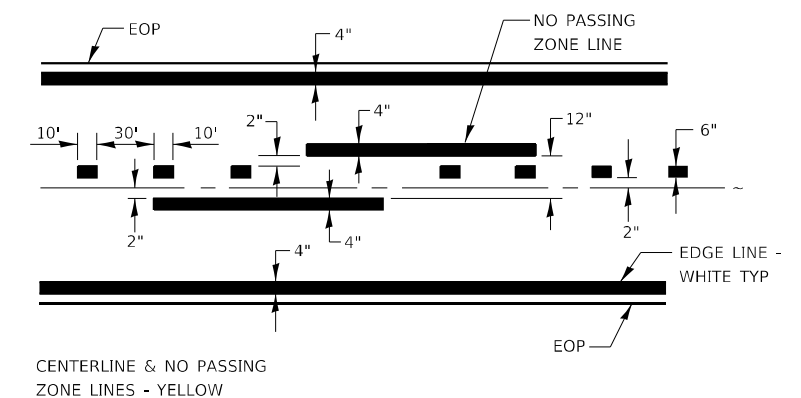
QUANTITY  
12" LINE = 16 LIN FT  
OR 4" LINE = 48 LIN FT



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

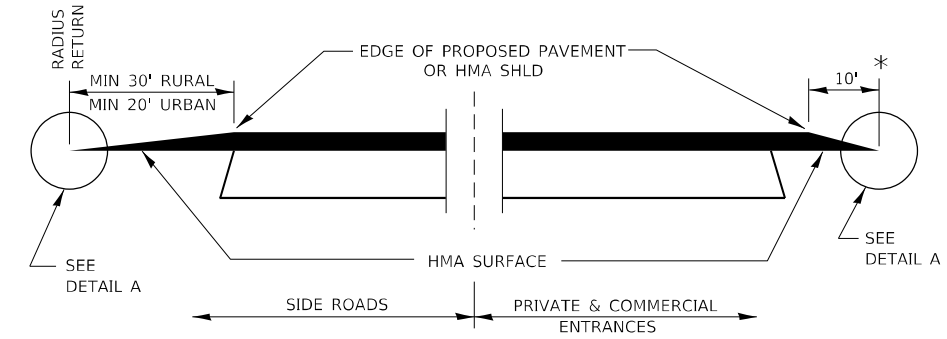


**SHORT-TERM PAVEMENT MARKING  
FOR MEDIANS AND ARROWS**

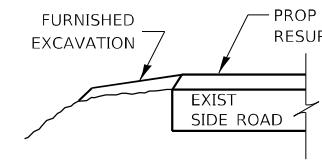


**PAVEMENT MARKING**

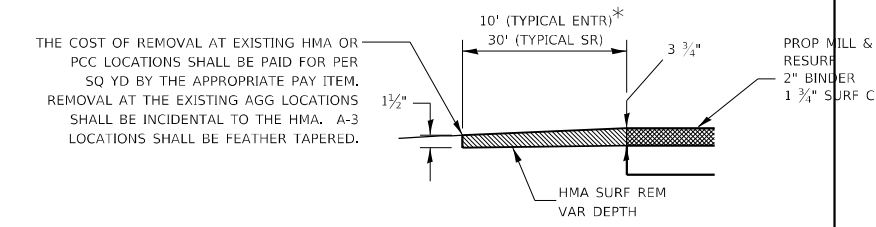
FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw\berkeley.com\PWIDOT\Documents\IDOT Office\District 3\Projects\D366L58\CADData\D366L58-sh1-details.dwg	DRAWN -	REVISED -	REVISED -					591	(15A,15R)RS-6,SW	*	118	116
Default	PLOT SCALE = 100,0000 / in.	CHECKED -	REVISED -		CONTRACT NO. 66L58							
	PLOT DATE = 3/24/2022	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS



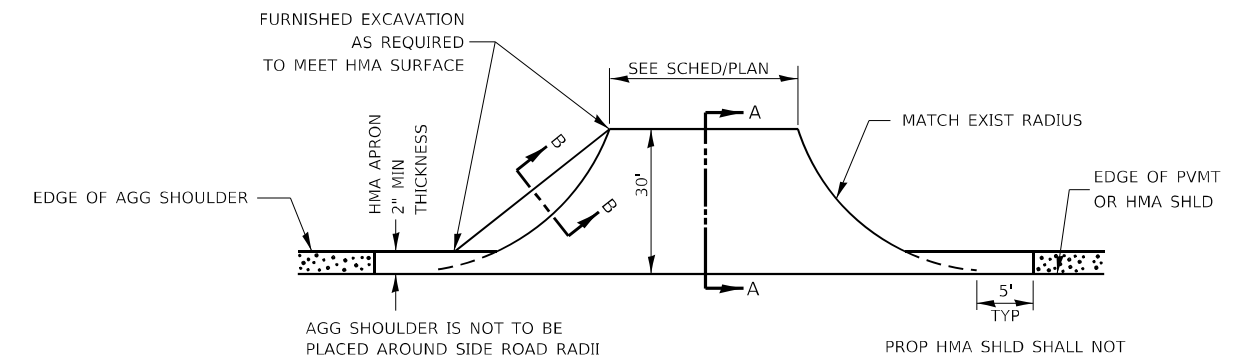
**SECTION A-A**  
**DETAILS AT ENTRANCES & SIDE ROADS**



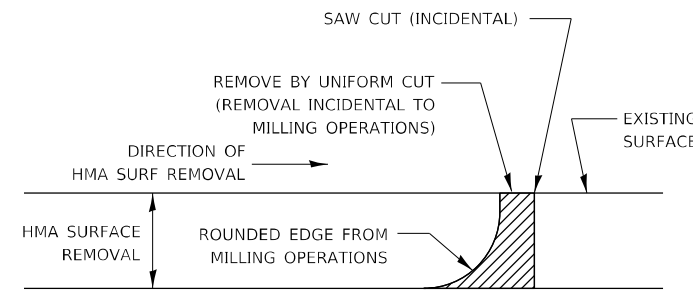
**SECTION B-B**



**DETAIL A**

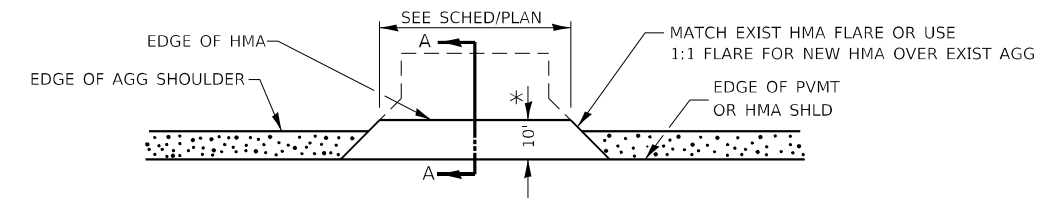


**PLAN AT SIDE ROADS**



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**

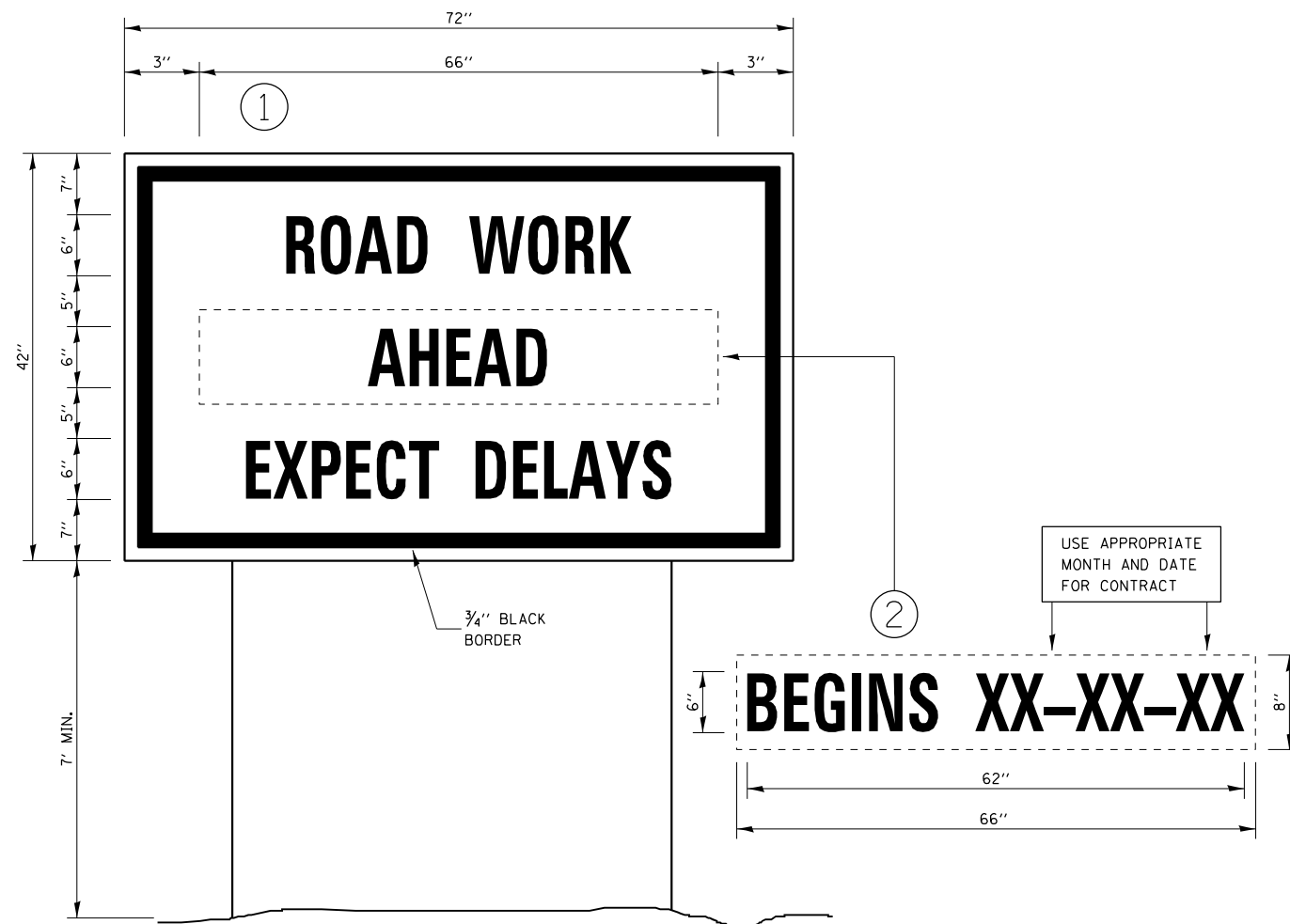


**PLAN AT PRIVATE & COMMERCIAL ENTRANCES**

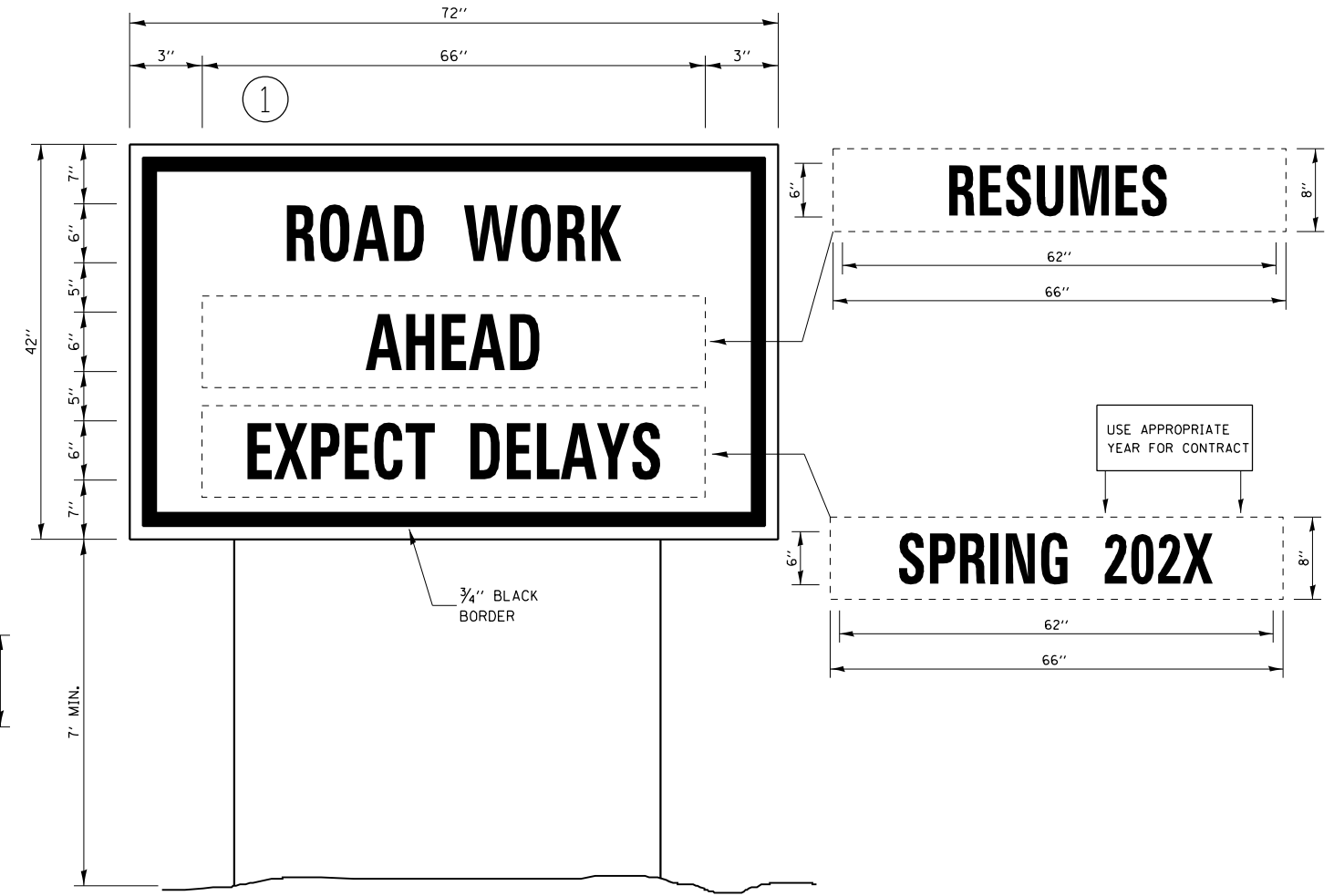
(DO NOT RESURFACE FIELD ENTRANCES)

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

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\berkeley.com\PWIDOT\Documents\IDOT Office\District 3\Projects\1366L58\CADData\1366L58-sh1-details.dwg		DRAWN -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	591	(15A,15R)RS-6,SW	*	118	117
Default		CHECKED -	REVISED -					CONTRACT NO. 66L58				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



**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.
pw:\idot-pw\berkeley.com\PWIDOT\Documents\IDOT Office\District 3\Projects\1366L58\CADData\1366L58-sh1-detaills.dgn	DRAWN -	REVISED -	REVISED -					591	(15A,15R)RS-6,SW	*	118	118
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66L58							
	PLOT DATE = 3/24/2022	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT