

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	1
		ILLINOIS	CONTRACT NO. 62W73	

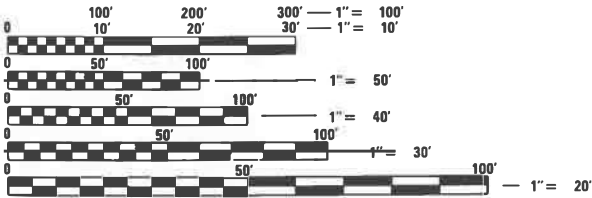
D-91-175-24



FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED IN THE
CITIES OF KENILWORTH, WINNETKA,
AND GLENCOE

SEGMENT 1: STA. 14+11 TO STA. 29+16
POSTED SPEED LIMIT = 20 MPH
2023 ADT = 8,100
DESIGN DESIGNATION = MINOR ARTERIAL
SEGMENT 2: STA. 29+16 RD TO 78+17
POSTED SPEED LIMIT = 25-35 MPH
2023 ADT = 8,050
DESIGN DESIGNATION = MINOR ARTERIAL
SEGMENT 3: 78+17 TO STA. 137+00
POSTED SPEED LIMIT = 25 MPH
2022 ADT = 8,250
DESIGN DESIGNATION = MINOR ARTERIAL
SEGMENT 4: STA. 137+00 TO 166+93
POSTED SPEED LIMIT = 30-35 MPH
2022 ADT = 8,250
DESIGN DESIGNATION = MINOR ARTERIAL



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.

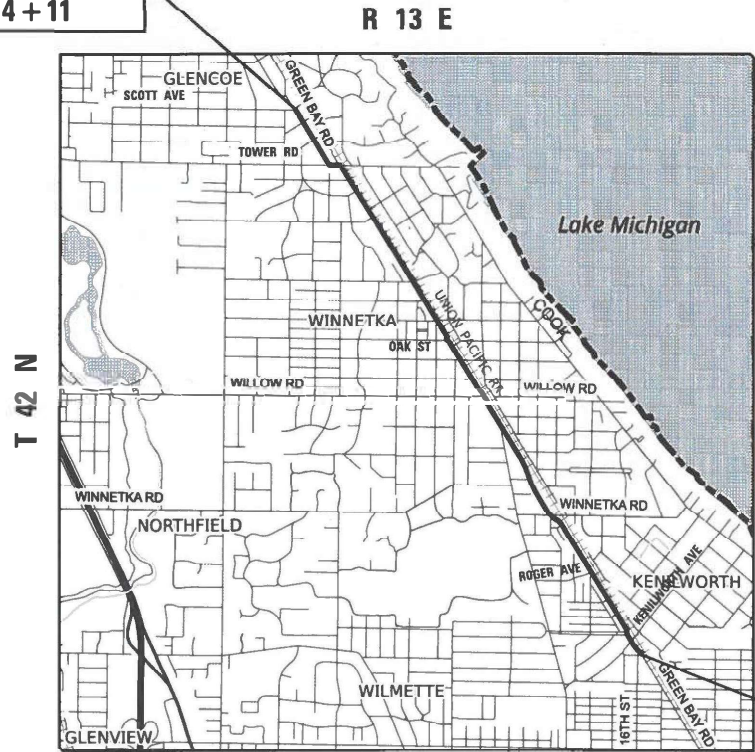
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

DISTRICT 1
PROJECT ENGINEER: LUKASZ POCIECHA, P.E. (847) 705-4255
PROJECT MANAGER: VESELIN VELICHKOV, P.E. (847) 705-4432

PROPOSED
HIGHWAY PLANS
FAU ROUTE 2744: GREEN BAY ROAD
SCOTT AVE TO KENILWORTH AVE
SECTION: 2024-951-RS, SW
PROJECT: STP-34NK(011)
STANDARD AND DESIGNED OVERLAY
& ADA IMPROVEMENTS
COOK COUNTY

C-91-208-24

PROJECT START
STA. 14+11



NEW TRIER TOWNSHIP

PROJECT LENGTH = STA. 166+93 TO STA. 14+11 = 15,282 FT. = 2.89 MILE

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

CONTRACT NO. 62W73

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 12 2024
Joseph S. IR
REGIONAL ENGINEER

January 31 2025
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

January 31 2025
Harry 5
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL: General Notes Sheet
FILE NAME: Z:\2023\232331_PTB21\0-02_VerPhilProjects\W02_62W73-GreenBayRd\09-CADD\03_Sheets\0117524-sh-gemcnote.dgn

INDEX OF SHEETS

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109-114	DISTRICT ONE PROJECT DETAILS FOR ADA RAMPS (PD-01 TO PD-06)

STATE HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
424026-04	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-03	MEDIAN PEDESTRIAN CROSSING
442101-09	CLASS B PATCHES
442201-04	CLASS C AND D PATCHES
604001-05	FRAME AND LIDS, TYPE 1
604091-05	FRAME AND GRATE TYPE 24
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701601-09	URBAN LANE CLOSURE MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	TRAFFIC CONTROL DEVICES
701901-11	TYPICAL PAVEMENT MARKINGS
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

GENERAL NOTES

- ANY MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
- BUTT JOINTS SHALL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- LOCATION OF CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- SIDEWALK REMOVAL AND REPLACEMENT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.
- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE ENGINEER SHALL CONTACT FADI SULTAN, AREA TRAFFIC FIELD ENGINEER, AT FADI.SULTAN@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, I.D.O.T.'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE.
- PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- BEFORE STARTING ANY EXCAVATION. THE CONTRACTOR SHALL CALL "J.U.I.I.E." FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- THE CONTRACTOR WILL NOT BE ABLE TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND THE VILLAGES OF WILMETTE, KENILWORTH, WINNETKA, AND GLENCOE.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
- TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER TO EXISTING CURBS AND GUTTERS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

VAULTED SIDEWALK

- CONTRACTOR SHALL USE CAUTION WHEN DIGGING IN THE VICINITY OF THE BUILDINGS AS THIS AREA IS KNOWN TO HAVE VAULTED SIDEWALKS WITH SOME IDENTIFIED IN THE PLANS. OTHER LOCATIONS MAY BE PRESENT.

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = koortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS GENERAL NOTES AND INDEX SHEET		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				2744	2024-951-RS, SW	COOK	114	2
		CHECKED -	REVISED -				CONTRACT NO. 62W73				
	PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -				SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

MODEL: SQO - Table Sheet 1 [Sheet]
FILE NAME: Z:\2023\232331_PTB210-02_VarPbl\Projects\W02_62W73-GreenBay\Rel09-CADD\03_Sheets\017524-sh-sqd.dgn

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE					
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 80% FED 20% STATE	0021 80% FED 20% STATE TRAFFIC SIGNALS	0005 100% STATE				
20200100	EARTH EXCAVATION	CU YD	150	150	0	0				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	334	334	0	0				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	4	4	0	0				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	4	4	0	0				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	4	4	0	0				
25200110	SODDING, SALT TOLERANT	SQ YD	334	334	0	0				
25200200	SUPPLEMENTAL WATERING	UNIT	4	4	0	0				
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	14	14	0	0				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	7	7	0	0				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	58,817	58,817	0	0				
40600370	LONGITUDINAL JOINT SEALANT	FOOT	45,845	45,845	0	0				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	130	130	0	0				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	622	622	0	0				
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	3,311	3,311	0	0				

* SPECIALTY ITEM



USER NAME =	kcortopassi	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
PLOT DATE =	12/13/2024	DATE -	9/6/2024
		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	3
CONTRACT NO. 62W73				
ILLINOIS		FED. AID PROJECT		

MODEL: SQQ - Table Sheet 2 [Sheet]
FILE NAME: Z:\2023\232331 FTB210-002_VerPhilProjects\W02_62W73-GreenBay\Ref09-CADD\3_Sheets\ID117524-sht-sqq.dgn

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE					
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 80% FED 20% STATE	0021 80% FED 20% STATE TRAFFIC SIGNALS	0005 100% STATE				
40602978	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	6,554	6,554	0	0				
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	1,181	1,181	0	0				
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	3	3	0	0				
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	8,139	8,139	0	0				
42000060	WELDED WIRE REINFORCEMENT	SQ YD	72	72	0	0				
42001300	PROTECTIVE COAT	SQ YD	2,502	2,502	0	0				
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	27	27	0	0				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	340	340	0	0				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6,434	6,434	0	0				
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	8,091	8,091	0	0				
42400800	DETECTABLE WARNINGS	SQ FT	799	799	0	0				
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	28,619	28,619	0	0				
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	58,516	58,516	0	0				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	340	340	0	0				

* SPECIALTY ITEM



116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME	= kcartopassi
PLOT DATE	= 12/13/2024

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	= 9/6/2024

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	4
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

MODEL: SQO - Table Sheet 3 [Sheet]
FILE NAME: Z:\2023\232331 PTB210-02_VerP\H\Projects\W02_62W73-GreenBay\Roll09-CADD\3_Sheets\0117524-sh-sqd.dgn

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE					
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 80% FED 20% STATE	0021 80% FED 20% STATE TRAFFIC SIGNALS	0005 100% STATE				
44000600	SIDEWALK REMOVAL	SQ FT	10,413	10,413	0	0				
44002217	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4 1/4"	SQ YD	4,091	4,091	0	0				
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	37	37	0	0				
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	35	35	0	0				
44201299	DOWEL BARS 1 1/2"	EACH	21	21	0	0				
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	14	14	0	0				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	549	549	0	0				
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	2,081	2,081	0	0				
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	1,467	1,467	0	0				
44213204	TIE BARS 3/4"	EACH	65	65	0	0				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	12	12	0	0				
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1	0	0				
60255500	MANHOLES TO BE ADJUSTED	EACH	9	9	0	0				
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1	0	0				

* SPECIALTY ITEM



USER NAME =	kcortopassi	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
PLOT DATE =	12/13/2024	DATE -	9/6/2024
		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	5
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

MODEL: SQO - Table Sheet 5 [Sheet]
FILE NAME: Z:\2023\232331 PTB210-02_VerP\H\Projects\W02_62W73-GreenBay\Roll09-CADD\3_Sheets\0117524-sh-sqd.dgn

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE					
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 80% FED 20% STATE	0021 80% FED 20% STATE TRAFFIC SIGNALS	0005 100% STATE				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	0	0				
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	0	0				
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	1	0	0				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	0	0				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	0	0				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	74,995	74,995	0	0				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	24,999	24,999	0	0				
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	1,857	1,857	0	0				
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	120,444	120,444	0	0				
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	8,218.5	8,218.5	0	0				
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	1,227	1,227	0	0				
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	18,903	18,903	0	0				
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	4,284	4,284	0	0				
*	72000100 SIGN PANEL - TYPE 1	SQ FT	46.4	22.4	24	0				

* SPECIALTY ITEM

MODEL: SQO - Table Sheet 6 [Sheet]
FILE NAME: Z:\2023\232331_PTB210-02_VarPHI\Projects\W02_62W73-GreenBayRd\09-CADD\03_Sheets\0117524-sh-sqd.dgn

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE					
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 80% FED 20% STATE	0021 80% FED 20% STATE TRAFFIC SIGNALS	0005 100% STATE				
*	72400310 REMOVE SIGN PANEL - TYPE 1	SQ FT	15	0	15	0				
*	78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	619	619	0	0				
*	78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	40,148	40,148	0	0				
*	78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,739.5	2,739.5	0	0				
*	78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	409	409	0	0				
*	78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	6,301	6,301	0	0				
*	78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1,428	1,428	0	0				
*	78100100 RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,224	1,224	0	0				
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,224	1,224	0	0				
	78300202 PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	24,802	24,802	0	0				
*	81028200 UNDERGROUND CONDUIT, GALVANIZED STEEL , 2" DIA.	FOOT	433	0	433	0				
*	81028220 UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	17	0	17	0				
*	85000200 MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	9	0	9	0				
*	87301215 ELECTRIC CABLE IN CONDUIT, SIGNAL NO.14 2C	FOOT	6,084	0	6,084	0				

* SPECIALTY ITEM



USER NAME =	kcortopassi	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
PLOT DATE =	12/13/2024	DATE -	9/6/2024
		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	8
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

MODEL: SQO - Table Sheet 7 [Sheet]
FILE NAME: Z:\2023\232331_PTB210-02_VarPlan\Projects\W02_62W73-GreenBay\Rel09-CADD\03_Sheets\017524-sh-sqd.dgn

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE					
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 80% FED 20% STATE	0021 80% FED 20% STATE TRAFFIC SIGNALS	0005 100% STATE				
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.14 3C	FOOT	2,726	0	2,726	0			
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14. 5C	FOOT	407	0	407	0			
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,849	0	2,849	0			
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	5,466	0	5,466	0			
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4	0	4	0			
*	87900200	DRILL EXISTING HANDHOLE	EACH	31	0	31	0			
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	20	0	20	0			
*	88600100	DETECTOR LOOP, TYPE I	FOOT	3,306	0	3,306	0			
*	89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	0	2	0			
*	89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	5	0	5	0			
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2,064	0	2,064	0			
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	9	0	9	0			
*	89502376	REBUILD EXISTING HANDHOLE	EACH	25	25	0	0			
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2	0	2	0			

* SPECIALTY ITEM



USER NAME =	kcortopassi	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
PLOT DATE =	12/13/2024	DATE -	9/6/2024
		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	9
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

MODEL: Sch1 [Sheet]
FILE NAME: Z:\2023\232331_VarPHilProjects\W02_62W73-GreenBay\Rel09-CADD\3_Sheets\0117524-sh-sch.dgn

20200100 EARTH EXCAVATION

Intersection: Green Bay / Kenilworth			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	464.6	2.5	3.6
SW Corner	230.5	2.5	1.8
SE Corner	182.2	2.5	1.4
NE Corner	103.1	2.5	0.8
Sod Area	283.9	4.0	3.5
SUBTOTAL			11.1

Intersection: Green Bay / Park			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	668.0	2.5	5.2
SW Corner	146.0	2.5	1.1
Median	162.0	2.5	1.3
NE Corner	163.0	2.5	1.3
Sod Area	251.5	4.0	3.1
SUBTOTAL			11.9

Intersection: Green Bay / Sunset			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	420.9	2.5	3.2
SW Corner	244.3	2.5	1.9
SE Corner	57.0	2.5	0.4
NE Corner - N	118.0	2.5	0.9
NE Corner - S	80.0	2.5	0.6
Sod Area	560.8	4.0	6.9
SUBTOTAL			14.0

Intersection: Green Bay / Pine			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	585.0	2.5	4.5
SW Corner	277.0	2.5	2.1
SE Corner	228.8	2.5	1.8
Sod Area	104.3	4.0	1.3
SUBTOTAL			9.7

Intersection: Green Bay / Eldorado			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	183.0	2.5	1.4
NE Corner	201.8	2.5	1.6
Sod Area	103.3	4.0	1.3
SUBTOTAL			4.2

Intersection: Green Bay / Tower (W)			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	607.0	2.5	4.7
SW Corner	682.6	2.5	5.3
NE Corner	274.0	2.5	2.1
Sod Area	0.0	4.0	0.0
SUBTOTAL			12.1

Intersection: Green Bay / Tower (E)			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	155.0	2.5	1.2
SW Corner	85.0	2.5	0.7
SE Corner	242.6	2.5	1.9
NE Corner	331.9	2.5	2.6
Sod Area	122.5	4.0	1.5
SUBTOTAL			7.8

Intersection: Green Bay / Gage			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	362.6	2.5	2.8
SW Corner	453.7	2.5	3.5
SE Corner	267.0	2.5	2.1
NE Corner	320.0	2.5	2.5
Sod Area	25.1	4.0	0.3
SUBTOTAL			11.1

Intersection: Green Bay / Scott			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	275.0	2.5	2.1
SW Corner	427.0	2.5	3.3
SE Corner	311.0	2.5	2.4
NE Corner	318.0	2.5	2.5
Sod Area	213.1	4.0	2.6
SUBTOTAL			12.9

TOTAL	150	CU YDS
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Intersection: Green Bay / Wayland			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	178.9	2.5	1.4
NE Corner	244.6	2.5	1.9
Sod Area	276.8	4.0	3.4
SUBTOTAL			6.7

Intersection: Green Bay / Melrose			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	301.2	2.5	2.3
NE Corner	349.6	2.5	2.7
Sod Area	403.4	4.0	5.0
SUBTOTAL			10.0

Intersection: Green Bay / Merrill			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	376.0	2.5	2.9
SW Corner	409.5	2.5	3.2
SE Corner	413.6	2.5	3.2
NE Corner	159.9	2.5	1.2
Sod Area	94.0	4.0	1.2
SUBTOTAL			11.6

Intersection: Green Bay / Chatfield Rd			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	99.7	2.5	0.8
SW Corner	197.4	2.5	1.5
Sod Area	22.8	4.0	0.3
SUBTOTAL			2.6

Intersection: Green Bay / Cherry St			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
SW Corner	243.5	2.5	1.9
Sod Area	143.0	4.0	1.8
SUBTOTAL			3.6

Intersection: Green Bay /Ash St			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	95.6	2.5	0.7
SW Corner	194.2	2.5	1.5
Sod Area	154.4	4.0	1.9
SUBTOTAL			4.1

Intersection: Green Bay / Church Rd			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
Island N	97.1	2.5	0.7
Island S	45.1	2.5	0.3
Sod Area	0.0	4.0	0.0
SUBTOTAL			1.1

Intersection: Green Bay / Oak St.- Linden St.			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	349.5	2.5	2.7
NE Corner	215.6	2.5	1.7
Sod Area	56.3	4.0	0.7
SUBTOTAL			5.1

Intersection: Green Bay / Spruce St			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	192.5	2.5	1.5
SW Corner	110.9	2.5	0.9
Sod Area	0.0	4.0	0.0
SUBTOTAL			2.3

Intersection: Green Bay / Elm St			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
SE Corner	108.5	2.5	0.8
Sod Area	9.8	4.0	0.1
SUBTOTAL			1.0

Intersection: Green Bay / Willow			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	180.9	2.5	1.4
SW Corner	65.5	2.5	0.5
Sod Area	125.1	4.0	1.5
SUBTOTAL			3.4

Intersection: Green Bay / Westmoore			
LOC	AREA (SF)	DEPTH (IN)	VOL (CY)
NW Corner	79.5	2.5	0.6
SW Corner	154.5	2.5	1.2
Sod Area	91.9	4.0	1.1
SUBTOTAL			2.9

25200110 SODDING, SALT TOLERANT

21101615 TOPSOIL FURNISH AND PLACE, 4"

Intersection: Green Bay / Kenilworth		
LOC	AREA (SF)	AREA (SY)
NW Corner	170.2	18.9
SW Corner	104.3	11.6
SE Corner	9.4	1.0
NE Corner	0.0	0.0
SUBTOTAL	283.9	31.5

Intersection: Green Bay / Park		
LOC	AREA (SF)	AREA (SY)
NW Corner	0.0	0.0
SW Corner	143.8	16.0
Median	47.5	5.3
NE Corner	60.3	6.7
SUBTOTAL	251.5	27.9

Intersection: Green Bay / Tower (E)		
LOC	AREA (SF)	AREA (SY)
NW Corner	0.0	0.0
SW Corner	0.0	0.0
SE Corner	29.9	3.3
NE Corner	92.6	10.3
SUBTOTAL	122.5	13.6

Intersection: Green Bay / Gage		
LOC	AREA (SF)	AREA (SY)
NW Corner	0.0	0.0
SW Corner	25.1	2.8
SE Corner	0.0	0.0
NE Corner	0.0	0.0
SUBTOTAL	25.1	2.8

Intersection: Green Bay / Merrill		
LOC	AREA (SF)	AREA (SY)
NW Corner	0.0	0.0
SW Corner	0.0	0.0
SE Corner	94.0	10.4
NE Corner	0.0	0.0
SUBTOTAL	94.0	10.4

Intersection: Green Bay / Sunset		
LOC	AREA (SF)	AREA (SY)
NW Corner	357.7	39.7
SW Corner	58.6	6.5
SE Corner	40.6	4.5
NE Corner - N	58.2	6.5
NE Corner - S	45.8	5.1
SUBTOTAL	560.8	62.3

Intersection: Green Bay / Pine		
LOC	AREA (SF)	AREA (SY)
NW Corner	21.1	2.3
SW Corner	43.2	4.8
SE Corner	40.0	4.4
SUBTOTAL	104.3	11.6

Intersection: Green Bay / Eldorado		
LOC	AREA (SF)	AREA (SY)
NW Corner	45.7	5.1
NE Corner	57.7	6.4
SUBTOTAL	103.3	11.5

Intersection: Green Bay / Tower (W)		
LOC	AREA (SF)	AREA (SY)
NW Corner	0.0	0.0
SW Corner	0.0	0.0
NE Corner	0.0	0.0
SUBTOTAL	0.0	0.0

Intersection: Green Bay / Scott		
LOC	AREA (SF)	AREA (SY)
NW Corner	213.1	23.7
SW Corner	0.0	0.0
SE Corner	0.0	0.0
NE Corner	0.0	0.0
SUBTOTAL	213.1	23.7

Intersection: Green Bay / Chatfield		
LOC	AREA (SF)	AREA (SY)
NW Corner	0.0	0.0
SW Corner	22.8	2.5
SUBTOTAL	22.8	2.5

Intersection: Green Bay / Westmoor		
LOC	AREA (SF)	AREA (SY)
NW Corner	47.4	5.3
NE Corner	44.5	4.9
SUBTOTAL	91.9	10.2

Intersection: Green Bay / Cherry St		
LOC	AREA (SF)	AREA (SY)
SW Corner	143.0	15.9
SUBTOTAL	143.0	15.9

Intersection: Green Bay / Ash St		
LOC	AREA (SF)	AREA (SY)
NW Corner	56.4	6.3
SW Corner	98.0	10.9
SUBTOTAL	154.4	17.2

Intersection: Green Bay / Willow Rd		
LOC	AREA (SF)	AREA (SY)
NW Corner	83.2	9.2
SW Corner	42.0	4.7
SUBTOTAL	125.1	13.9

Intersection: Green Bay / Roger Ave		
LOC	AREA (SF)	AREA (SY)
NW Corner	87.0	9.7
SUBTOTAL	87.0	9.7

Intersection: Green Bay / Wayland Ave		
LOC	AREA (SF)	AREA (SY)
NW Corner	87.1	9.7
SW Corner	189.7	21.1
SUBTOTAL	276.8	30.8

Intersection: Green Bay / Oak St.- Linden S		
LOC	AREA (SF)	AREA (SY)
NW Corner	0.0	0.0
NE Corner	56.3	6.3
SUBTOTAL	56.3	6.3

Intersection: Green Bay / Spruce St		
LOC	AREA (SF)	AREA (SY)
NW Corner	0.0	0.0
SW Corner	0.0	0.0
SUBTOTAL	0.0	0.0

Intersection: Green Bay / Elm St		
LOC	AREA (SF)	AREA (SY)
SE Corner	9.8	1.1
SUBTOTAL	9.8	1.1

Intersection: Green Bay / Church Rd.		
LOC	AREA (SF)	AREA (SY)
Median	0.0	0.0
SUBTOTAL	0.0	0.0

Intersection: Green Bay / Melrose Ave		
LOC	AREA (SF)	AREA (SY)
NW Corner	259.5	28.8
SW Corner	143.9	16.0
SUBTOTAL	403.4	44.8

TOTAL	334	SQ YDS
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40600290 BITUMINOUS MATERIALS (TACK COAT)

STATION	STATION	AREA	APPLIC	RESIDUAL		RESIDUAL		TOTAL
				ASPHALT RATE	APPLIC	ASPHALT RATE		
		(SQ FT)	(EACH)	(LB/SQFT)	(EACH)	(LB/SQFT)	(LBS)	
14+39.00	25+00.00	53,919.19	1	0.050	1	0.025	4,043.94	
25+00.00	40+00.00	69,466.09	1	0.050	1	0.025	5,209.96	
40+00.00	55+00.00	60,963.09	1	0.050	1	0.025	4,572.23	
55+00.00	70+00.00	67,204.93	1	0.050	1	0.025	5,040.37	
70+00.00	85+00.00	91,221.40	1	0.050	1	0.025	6,841.61	
85+00.00	100+00	70,898.00	1	0.050	1	0.025	5,317.35	
100+00.00	115+00.00	61,633.77	1	0.050	1	0.025	4,622.53	
115+00.00	130+00.00	83,577.16	1	0.050	1	0.025	6,268.29	
130+00.00	145+00.00	85,074.23	1	0.050	1	0.025	6,380.57	
145+00.00	160+00.00	86,463.23	1	0.050	1	0.025	6,484.74	
160+00.00	166+92.61	53,809.02	1	0.050	1	0.025	4,035.68	
TOTAL							58,817	

40600370 LONGITUDINAL JOINT SEALANT

LOC	STA.	STA.	TOTAL (FOOT)
CL	14+11.00	166+92.61	15,281.6
Lane Line RT	14+11.00	166+92.61	15,281.6
Lane Line LT	14+11.00	166+92.61	15,281.6
		TOTAL	45,845

MODEL: Sqr2 [Sheet]
FILE NAME: Z:\2023\232331_PTB210-02_VarPblProjects\W02_62W73-GreenBay\Rel09-CADD\3_Sheets\0117524-sh-sch.dgn

40601005 HOT-MIX ASPHALT REPLACEMENT OVER PATCHES

Intersection: Green Bay / Kenilworth				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	183	20.3	4.25	4.83
SW Corner	125	13.8	4.25	3.29
SE Corner	149	16.6	4.25	3.94
NE Corner	168	18.7	4.25	4.46
SUBTOTAL				16.52

Intersection: Green Bay / Park				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	315	35.0	4.25	8.33
SW Corner	76	8.4	4.25	2.00
Median	378	42.0	4.25	10.00
NE Corner	171	19.0	4.25	4.53
SUBTOTAL				24.87

Intersection: Green Bay / Sunset				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	217	24.1	4.25	5.74
SW Corner	46	5.1	4.25	1.21
SE Corner	53	5.9	4.25	1.40
NE Corner - N	41	4.5	4.25	1.08
NE Corner - S	54	6.0	4.25	1.43
SUBTOTAL				10.87

Intersection: Green Bay / Pine				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	177	19.6	4.25	4.68
SW Corner	195	21.7	4.25	5.17
SE Corner	182	20.2	4.25	4.82
SUBTOTAL				14.66

Intersection: Green Bay / Eldorado				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	56	6.2	4.25	1.48
NE Corner	362	40.3	4.25	9.58
SUBTOTAL				11.06

Intersection: Green Bay / Tower (W)				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	299	33.2	4.25	7.91
SW Corner	290	32.3	4.25	7.68
NE Corner	120	13.3	4.25	3.17
SUBTOTAL				18.76

Intersection: Green Bay / Tower (E)				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	406	45.1	4.25	10.73
SW Corner	104	11.6	4.25	2.75
SE Corner	109	12.1	4.25	2.87
SUBTOTAL		68.7		16.35

Intersection: Green Bay / Gage				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	261	29.1	4.25	6.91
SW Corner	269	29.9	4.25	7.11
SE Corner	429	47.7	4.25	11.35
NE Corner	213	23.7	4.25	5.64
SUBTOTAL		130.3		31.02

Intersection: Green Bay / Scott				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	162	18.0	4.25	4.27
SW Corner	248	27.5	4.25	6.55
SE Corner	178	19.8	4.25	4.70
NE Corner	201	22.3	4.25	5.30
SUBTOTAL		87.5		20.83

Intersection: Green Bay / Chatfield				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	121	13.4	4.25	3.19
SW Corner	133	14.8	4.25	3.52
SUBTOTAL				6.71

Intersection: Green Bay / Westmoor				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	69	7.6	4.25	1.81
SW Corner	80	8.9	4.25	2.12
SUBTOTAL				3.93

Intersection: Green Bay / Spruce				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
SW Corner	114	12.7	4.25	3.02
SUBTOTAL				3.02

Intersection: Green Bay / Elm				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
SE Corner	124	13.8	4.25	3.29
SUBTOTAL				3.29

Intersection: Green Bay / Ash				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	48	5.3	4.25	1.27
SW Corner	55	6.1	4.25	1.44
SUBTOTAL				2.71

Intersection: Green Bay / Willow				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	111	12.3	4.25	2.93
SW Corner	57	6.3	4.25	1.50
SUBTOTAL				4.43

Intersection: Green Bay / Church				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
Median	76	8.5	4.25	2.02
Median	50	5.6	4.25	1.33
SUBTOTAL				3.34

Intersection: Green Bay / Wayland				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	108	12.0	4.25	2.85
SW Corner	140	15.6	4.25	3.70
SUBTOTAL				6.55

Intersection: Green Bay / Merrill				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	246	27.3	4.25	6.50
SW Corner	246	27.4	4.25	6.51
NE Corner	430	47.8	4.25	11.38
SUBTOTAL				24.39

Intersection: Green Bay / Oak				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	217	24.1	4.25	5.75
NE Corner	137	15.2	4.25	3.62
SUBTOTAL				9.37

Intersection: Green Bay / Cherry				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
SW Corner	177	19.6	4.25	4.67
SUBTOTAL				4.67

Intersection: Green Bay / Melrose				
LOC	AREA (SF)	AREA (SY)	DEPTH (IN)	TONS
NW Corner	225	25.0	4.25	5.95
SW Corner	157	17.5	4.25	4.16
SUBTOTAL				10.11

IDOT Provided QTY	3063.0
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TOTAL	3,311	TONS
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40602978 HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70

Location	AREA (SQ FT)	AREA (SQ YD)	THICKNESS (INCH)	112/2000	TOTAL AREA (TON)
Segment 2	236,433	26,270	2.00	0.056	2,942.28
Segment 3	290,215	32,246	2.00	0.056	3,611.56
				TOTAL	6,554

40603200 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50

Location	STATION	AREA (SQ FT)	AREA (SQ YD)	THICKNESS (INCH)	112/2000	TOTAL AREA (TON)
Segment 1		71,393	7,933	0.75	0.056	333.17
Segment 4		186,180	20,687	0.75	0.056	868.84
					TOTAL	1,202

40604062 HOT-MX ASPHALT SURFACE COURSE, IL-9.5, MX "D", N70

Location		AREA (SQ FT)	AREA (SQ YD)	THICKNESS (INCH)	112/2000	TOTAL AREA (TON)
Segment 1		71,393	7,933	1.50	0.056	666.34
Segment 4		186,180	20,687	1.50	0.056	1,737.68
Segment 2		236,433	26,270	1.75	0.056	2,574.49
Segment 3		290,214	32,246	1.75	0.056	3,160.11
					TOTAL	8,139

42000060 WELDED WIRE REINFORCEMENT

Intersection: Green Bay / Eldorado		
LOC	AREA (SF)	AREA (SY)
NE Corner	178	19.8
SUBTOTAL		20

Intersection: Green Bay / Tower East		
LOC	AREA (SF)	AREA (SY)
SE Corner	155	17.2
SUBTOTAL		17

Intersection: Green Bay / Tower East		
LOC	AREA (SF)	AREA (SY)
NE Corner	312	34.7
TOTAL		35

	TOTAL	72	SQ YD
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42001300 PROTECTIVE COAT

LOCATIONS	LENGTH (FEET)	CURB TYPE B-6.24 SURFACE AREA (SF/FT)	AREA (SF)	AREA (SY)
5 INCH SW		NA	6,434	715
8 INCH SW		NA	8,058	895
R&R C&G	2603	3.08	8,026	892
			TOTAL	2,502

42300400 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH

LOCATION	SQ YDS
Tower Road	235.0
IDOT Provided QTY	104.7
TOTAL	340



USER NAME	= kcoortopassi
PLOT DATE	= 12/13/2024

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	- 9/6/2024

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE:	SHEET 2	OF 8	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	13
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

MODEL: S043 [Sheet]
FILE NAME: Z:\2023\232331_PTB210-02_VarPHIProjects\WO2_62W73-GreenBay\Rel09-CADD\3_Sheets\0117524-sh-sch.dgn

42400200

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

Intersection: Green Bay / Kenilworth			
LOC	AREA (SF)	AREA (SY)	
NW Corner	181	20	
SW Corner	146	16	
SE Corner	27	3	
NE Corner	43	5	
SUBTOTAL	397	44	

Intersection: Green Bay / Park			
LOC	AREA (SF)	AREA (SY)	
NW Corner	285	32	
SW Corner	100	11	
Median	106	12	
NE Corner	27	3	
SUBTOTAL	518	58	

Intersection: Green Bay / Sunset			
LOC	AREA (SF)	AREA (SY)	
NW Corner	365	41	
SW Corner	218	24	
SE Corner	26	3	
NE Corner - N	55	6	
NE Corner - S	51	6	
SUBTOTAL	715	79	

Intersection: Green Bay / Pine			
LOC	AREA (SF)	AREA (SY)	
NW Corner	407	45	
SW Corner	148	16	
SE Corner	29	3	
SUBTOTAL	584	65	

Intersection: Green Bay / Eldorado			
LOC	AREA (SF)	AREA (SY)	
NW Corner	152	17	
NE Corner	0	0	
SUBTOTAL	152	17	

Intersection: Green Bay / Tower (W)			
LOC	AREA (SF)	AREA (SY)	
NW Corner	206	23	
SW Corner	336	37	
NE Corner	171	19	
SUBTOTAL	713	79	

Intersection: Green Bay / Tower (E)			
LOC	AREA (SF)	AREA (SY)	
NW Corner	125	14	
SW Corner	0	0	
SE Corner	17	2	
NE Corner	0	0	
SUBTOTAL	142	16	

Intersection: Green Bay / Gage			
LOC	AREA (SF)	AREA (SY)	
NW Corner	8	1	
SW Corner	0	0	
SE Corner	82	9	
NE Corner	149	17	
SUBTOTAL	239	27	

Intersection: Green Bay / Scott			
LOC	AREA (SF)	AREA (SY)	
NW Corner	239	27	
SW Corner	210	23	
SE Corner	121	13	
NE Corner	128	14	
SUBTOTAL	698	78	

Intersection: Green Bay /Wayland			
LOC	AREA (SF)	AREA (SY)	
NW Corner	139	15	
SW Corner	209	23	
SUBTOTAL	349	39	

Intersection: Green Bay /Melrose			
LOC	AREA (SF)	AREA (SY)	
NW Corner	153	16.9	
SW Corner	281	31.2	
SUBTOTAL	433	48.1	

Intersection: Green Bay / Merrill St.			
LOC	AREA (SF)	AREA (SY)	
NW Corner	174	19	
SW Corner	159	18	
SE Corner	163	18	
NE Corner	70	8	
SUBTOTAL	565	63	

Intersection: Green Bay / Chatfield Rd			
LOC	AREA (SF)	AREA (SY)	
NW Corner	25	3	
SW Corner	90	10	
SUBTOTAL	115	13	

Intersection: Green Bay / Cherry St			
LOC	AREA (SF)	AREA (SY)	
SW Corner	126	14	
SUBTOTAL	126	14	

Intersection: Green Bay /Ash St			
LOC	AREA (SF)	AREA (SY)	
NW Corner	54.4	16	
SW Corner	142	16	
SUBTOTAL	196	31	

Intersection: Green Bay / Church Rd			
LOC	AREA (SF)	AREA (SY)	
Island N	48	5	
Island S	0	0	
SUBTOTAL	48	5	

Intersection: Green Bay / Oak St.- Linden S			
LOC	AREA (SF)	AREA (SY)	
NW Corner	0	0	
NE Corner	100	11	
SUBTOTAL	100	11	

Intersection: Green Bay / Spruce St			
LOC	AREA (SF)	AREA (SY)	
NW Corner	84	9	
SW Corner	0	0	
SUBTOTAL	84	9	

Intersection: Green Bay / Elm St			
LOC	AREA (SF)	AREA (SY)	
SE Corner	10	1	
SUBTOTAL	10	1	

Intersection: Green Bay / Willow			
LOC	AREA (SF)	AREA (SY)	
NW Corner	77	9	
SW Corner	24	3	
SUBTOTAL	101	11	

Intersection: Green Bay / Westmoore			
LOC	AREA (SF)	AREA (SY)	
NW Corner	55	6	
SW Corner	95	11	
SUBTOTAL	149	17	

TOTAL	6,434	SQ FT	
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42400410

PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH

Intersection: Green Bay / Kenilworth			
LOC	AREA (SF)	AREA (SY)	
NW Corner	284	32	
SW Corner	84	9	
SE Corner	155	17	
NE Corner	61	7	
SUBTOTAL	584	65	

Intersection: Green Bay / Park			
LOC	AREA (SF)	AREA (SY)	
NW Corner	383	43	
SW Corner	46	5	
Median	56	6	
NE Corner	136	15	
SUBTOTAL	621	69	

Intersection: Green Bay / Sunset			
LOC	AREA (SF)	AREA (SY)	
NW Corner	56	6	
SW Corner	26	3	
SE Corner	31	3	
NE Corner - N	63	7	
NE Corner - S	29	3	
SUBTOTAL	205	23	

Intersection: Green Bay / Pine			
LOC	AREA (SF)	AREA (SY)	
NW Corner	178	20	
SW Corner	129	14	
SE Corner	199	22	
SUBTOTAL	506	56	

Intersection: Green Bay / Eldorado			
LOC	AREA (SF)	AREA (SY)	
NW Corner	32	4	
NE Corner	202	22	
SUBTOTAL	233	26	

Intersection: Green Bay / Tower (W)			
LOC	AREA (SF)	AREA (SY)	
NW Corner	401	45	
SW Corner	347	39	
NE Corner	103	11	
SUBTOTAL	851	95	

Intersection: Green Bay / Tower (E)			
LOC	AREA (SF)	AREA (SY)	
NW Corner	30	3	
SW Corner	85	9	
SE Corner	226	25	
NE Corner	332	37	
SUBTOTAL	672	75	

Intersection: Green Bay / Gage			
LOC	AREA (SF)	AREA (SY)	
NW Corner	355	39	
SW Corner	454	50	
SE Corner	185	21	
NE Corner	171	19	
SUBTOTAL	1,165	129	

Intersection: Green Bay / Scott			
LOC	AREA (SF)	AREA (SY)	
NW Corner	36	4	
SW Corner	217	24	
SE Corner	190	21	
NE Corner	190	21	
SUBTOTAL	633	70	

Intersection: Green Bay /Wayland			
LOC	AREA (SF)	AREA (SY)	
NW Corner	40	4	
SW Corner	35	4	
SUBTOTAL	75	8	

Intersection: Green Bay /Melrose			
LOC	AREA (SF)	AREA (SY)	
NW Corner	149	17	
SW Corner	69	8	
SUBTOTAL	218	24	

Intersection: Green Bay /Oak St			
LOC	AREA (SF)	AREA (SY)	
NW Corner	17	1.9	
SW Corner	17	1.9	
SUBTOTAL	34	3.8	

Intersection: Green Bay / Merrill St.			
LOC	AREA (SF)	AREA (SY)	
NW Corner	202	22	
SW Corner	251	28	
SE Corner	251	28	
NE Corner	90	10	
SUBTOTAL	794	88	

Intersection: Green Bay / Chatfield Rd			
LOC	AREA (SF)	AREA (SY)	
NW Corner	74.7	12	
SW Corner	107	12	
SUBTOTAL	182	24	

Intersection: Green Bay / Cherry St			
LOC	AREA (SF)	AREA (SY)	
SW Corner	117	13	
SUBTOTAL	117	13	

Intersection: Green Bay /Ash St			
LOC	AREA (SF)	AREA (SY)	
NW Corner	41.2	6	
SW Corner	53	6	
SUBTOTAL	94	12	

Intersection: Green Bay / Church Rd			
LOC	AREA (SF)	AREA (SY)	
Island N	49	5	
Island S	45	5	
SUBTOTAL	94	10	

Intersection: Green Bay / Oak St.- Linden S			
LOC	AREA (SF)	AREA (SY)	
NW Corner	350	39	
NE Corner	116	13	
SUBTOTAL	465	52	

Intersection: Green Bay / Spruce St			
LOC	AREA (SF)	AREA (SY)	
NW Corner	109	12	
SW Corner	111	12	
SUBTOTAL	220	24	

Intersection: Green Bay / Elm St			
LOC	AREA (SF)	AREA (SY)	
SE Corner	98	11	
SUBTOTAL	98	11	

Intersection: Green Bay / Willow			
LOC	AREA (SF)	AREA (SY)	
NW Corner	104	12	
SW Corner	41	5	
SUBTOTAL	145	16	

Intersection: Green Bay / Westmoore			
LOC	AREA (SF)	AREA (SY)	
NW Corner	25	3	
SW Corner	60	7	
SUBTOTAL	85	9	

TOTAL	8,091	SQ FT	
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42400800

DETECTABLE WARNINGS

Intersection: Green Bay / Sunset			
LOC	LF	WIDTH	AREA (SF)
NW Corner	12.0	2	24.0
SW Corner	5.5	2	11.0
SE Corner	5.0	2	10.0
NE Corner - N	6.0	2	12.0
NE Corner - S	5.0	2	10.0
SUBTOTAL			67.0

Intersection: Green Bay / Pine			
LOC	LF	WIDTH	AREA (SF)
NW Corner	6.0	2	12.0
SW Corner	14.0	2	28.0
SE Corner	6.0	2	12.0
SUBTOTAL			52.0

Intersection: Green Bay / Eldorado			
LOC	LF	WIDTH	AREA (SF)
NW Corner	6.0	2	12.0
NE Corner	6.0	2	12.0
SUBTOTAL			24.0

Intersection: Green Bay / Tower (W)			
LOC	LF	WIDTH	AREA (SF)
NW Corner	10.0	2	20.0
SW Corner	5.0	2	10.0
NE Corner	6.0	2	12.0
SUBTOTAL			42.0

Intersection: Green Bay / Willow			
LOC	LF	WIDTH	AREA (SF)
NW Corner	5.0	2	10.0
SW Corner	8.0	2	16.0
SUBTOTAL			26.0

Intersection: Green Bay / Ash			
LOC	LF	WIDTH	AREA (SF)
NW Corner	5.5	2	11.0
SW Corner	7.0	2	14.0
SUBTOTAL			25.0

Intersection: Green Bay / Cherry			
LOC	LF	WIDTH	AREA (SF)
SW Corner	5.5	2	11.0
SW Corner	5.5	2	11.0
SUBTOTAL			22.0

Intersection: Green Bay / Oak St. - Linden St.			
LOC	LF	WIDTH	AREA (SF)
NW Corner	16.5	2	33.0
NE Corner	11.0	2	22.0
SUBTOTAL			55.0

Intersection: Green Bay / Elm			
LOC	LF	WIDTH	AREA (SF)
SE Corner	8.0	2	16.0
SUBTOTAL			16.0

Intersection: Green Bay / Spruce			
LOC	LF	WIDTH	AREA (SF)
NW Corner	6.0	2	12.0
SW Corner	5.3	2	10.6
SUBTOTAL			22.6

Intersection: Green Bay / Westmoor			
LOC	LF	WIDTH	AREA (SF)
NW Corner	5.5	2	11.0
SW Corner	5.5	2	11.0
SUBTOTAL			22.0

Intersection: Green Bay / Tower (E)			
LOC	LF	WIDTH	AREA (SF)
NW Corner	6.3	2	12.6
SW Corner	5.0	2	10.0
SE Corner	6.0	2	12.0
NE Corner	5.0	2	10.0
SUBTOTAL			44.6

Intersection: Green Bay / Gage			
LOC	LF	WIDTH	AREA (SF)
NW Corner	11.0	2	22.0
SW Corner	15.0	2	30.0
SE Corner	18.0	2	36.0
NE Corner	10.0	2	20.0
SUBTOTAL			108.0

Intersection: Green Bay / Scott			
LOC	LF	WIDTH	AREA (SF)
NW Corner	10.0	2	20.0
SW Corner	11.0	2	22.0
SE Corner	9.0	2	18.0
NE Corner	17.0	2	34.0
SUBTOTAL			94.0

Intersection: Green Bay / Church			
LOC	LF	WIDTH	AREA (SF)
Median S	6.0	2	12.0
Median N	12.5	2	25.0
SUBTOTAL			37.0

Intersection: Green Bay / Merrill			
LOC	LF	WIDTH	AREA (SF)
NW	5.0	2	10.0
NW	5.0	2	10.0
NE	4.0	2	8.0
NE	4.0	2	8.0
SE	10.0	2	20.0
SW Corner	9.0	2	18.0
SUBTOTAL			74.0

Intersection: Green Bay / Chatfield			
LOC	LF	WIDTH	AREA (SF)
NW Corner	5.0	2	10.0
SW Corner	7.5	2	15.0
SUBTOTAL			25.0

Intersection: Green Bay /Oak St			
LOC	LF	WIDTH	AREA (SF)
NW Corner	5.0	2	10.0
SW Corner	5.0	2	10.0
SUBTOTAL			20.0

TOTAL		799	SQ FT
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MODEL: Sch5 (Sheet)
FILE NAME: Z:\2023\2323331_PTB210-02_VarPHI\Projects\W02_62W73-GreenBay\Rel09-CADD\3_Sheets\0117524-sh-sch.dgn

44201769 CLASS D PATCHES, TYPE III, 10 INCH		
Intersection: Green Bay / Kenilworth		
LOC	AREA (SF)	AREA (SY)
NW Corner	183	20.3
SW Corner		0.0
SE Corner	149	16.6
NE Corner	168	18.7
SUBTOTAL		55.6

Intersection: Green Bay / Park		
LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
SW Corner		0.0
Median		0.0
NE Corner	171	19.0
SUBTOTAL		19.0

Intersection: Green Bay / Sunset		
LOC	AREA (SF)	AREA (SY)
NW Corner	217	24.1
SW Corner		0.0
SE Corner		0.0
NE Corner - N		0.0
NE Corner - S		0.0
SUBTOTAL		24.1

Intersection: Green Bay / Pine		
LOC	AREA (SF)	AREA (SY)
NW Corner	177	19.6
SW Corner	195	21.7
SE Corner	182	20.2
SUBTOTAL		61.6

Intersection: Green Bay / Eldorado		
LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
NE Corner	133	14.8
SUBTOTAL		14.8

Intersection: Green Bay / Merrill		
LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
SW Corner		0.0
NE Corner	184	20.4
SUBTOTAL		20.4

IDOT Provided QTY	1689.0
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TOTAL	2,081	SQ YD
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Intersection: Green Bay / Spruce		
LOC	AREA (SF)	AREA (SY)
NW Corner	180	20.0
SW Corner		0.0
SE Corner		0.0
NE Corner		0.0
SUBTOTAL		20.0

Intersection: Green Bay / Gage		
LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
SW Corner		0.0
SE Corner		0.0
NE Corner	213	23.7
SUBTOTAL		23.7

Intersection: Green Bay / Scott		
LOC	AREA (SF)	AREA (SY)
NW Corner	162	18.0
SW Corner		0.0
SE Corner	178	19.8
NE Corner	201	22.3
SUBTOTAL		60.0

Intersection: Green Bay / Oak		
LOC	AREA (SF)	AREA (SY)
NW Corner	217	24.1
SW Corner		0.0
SE Corner		0.0
NE Corner	137	15.2
SUBTOTAL		39.4

Intersection: Green Bay / Cherry		
LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
SW Corner	177	19.6
SE Corner		0.0
NE Corner		0.0
SUBTOTAL		19.6

Intersection: Green Bay / Wayland		
LOC	AREA (SF)	AREA (SY)
SW Corner	140	15.6
SUBTOTAL		15.6

Intersection: Green Bay / Melrose		
LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
SW Corner	157	17.5
SE Corner		0.0
NE Corner		0.0
SUBTOTAL		17.5

44201771 CLASS D PATCHES, TYPE IV, 10 INCH		
Intersection: Green Bay / Park		
LOC	AREA (SF)	AREA (SY)
NW Corner	315	35.0
SW Corner		0.0
Median	378	42.0
NE Corner		0.0
SUBTOTAL		77.0

Intersection: Green Bay / Eldorado		
LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
NE Corner	229	25.5
SUBTOTAL		25.5

Intersection: Green Bay / Tower (W)		
LOC	AREA (SF)	AREA (SY)
NW Corner	299	33.2
SW Corner	290	32.3
NE Corner		0.0
SUBTOTAL		65.5

Intersection: Green Bay / Merrill		
LOC	AREA (SF)	AREA (SY)
NW Corner	246	27.3
SW Corner	246	27.4
NE Corner	247	27.4
SUBTOTAL		82.1

Intersection: Green Bay / Tower (E)		
LOC	AREA (SF)	AREA (SY)
NW Corner	406	45.1
SW Corner		0.0
SE Corner		0.0
NE Corner		0.0
SUBTOTAL		45.1

Intersection: Green Bay / Gage		
LOC	AREA (SF)	AREA (SY)
NW Corner	261	29.1
SW Corner	269	29.9
SE Corner	429	47.7
NE Corner		0.0
SUBTOTAL		106.6

Intersection: Green Bay / Scott		
LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
SW Corner	248	27.5
SE Corner		0.0
NE Corner		0.0
SUBTOTAL		27.5

Intersection: Green Bay / Melrose		
LOC	AREA (SF)	AREA (SY)
NW Corner	225	25.0
SW Corner		0.0
SE Corner		0.0
NE Corner		0.0
SUBTOTAL		25.0

IDOT Provided QTY	1013.0
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TOTAL	1,467	SQ YD
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44213204	TIE BARS	3/4"	
Intersection: Green Bay / Eldorado			
LOC	LENGTH (FOOT)	DOWEL BAR (EACH)	
NE Corner - Curb Edge	39	12.0	
NE Corner - S. Adj. Lane	31	9.3	
	SUBTOTAL	21	

Intersection: Green Bay / TOWER (EAST) NE			
LOC	LENGTH (FOOT)	DOWEL BAR (EACH)	
NE Corner - Curb Edge	35	10.7	
NE Corner - S. Adj. Lane	35	10.7	
	SUBTOTAL	21	

Intersection: Green Bay / TOWER (EAST) SE			
LOC	LENGTH (FOOT)	DOWEL BAR (EACH)	
NE Corner - Curb Edge	37	11.3	
NE Corner - S. Adj. Lane	37	11.3	
	SUBTOTAL	23	
	TOTAL	65	EACH

72000100	SIGN PANEL - TYPE 1	
INTERSECTION		SQ FT
KENILWORTH		24.0
STA 103+00 (RT) S1-1		9.0
STA 103+00 (RT) W16-7P		2.2
STA 103+00 (LT) S1-1		9.0
STA 103+00 (LT) W16-7P		2.2
TOTAL		46.4

72400310	REMOVE SIGN PANEL - TYPE 1	
INTERSECTION		SQ FT
KENILWORTH		15.0
TOTAL		15.0

78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS				
INTERSECTION	ONLY	ARROW (LEFT)	ARROW (RIGHT)	ARROW (THROUGH- RIGHT)	TOTAL (SQFT)
	20.8	15.6	15.6	26.0	
TOWER (W)	4	1	3		145.6
TOWER (E) (INCL BI-LTL)	4	3	3		176.8
OAK ST (W)	4	1	3	1	171.6
WINNETKA RD	3	4			124.8
				TOTAL	619



116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = kcoortopassl

DESIGNED -

DRAWN -

CHECKED -

DATE - 9/6/2024

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.U.
RTE.

2744

SECTION

2024-951-RS, SW

COUNTY

COOK

TOTAL
SHEETS

114

SHEET
NO.

16

CONTRACT NO. 62W73

ILLINOIS FED. AID PROJECT

MODEL: Sch6 (Sheet)
FILE NAME: Z:\2023\232331_PTB210-02_VarPhilProjects\W02_62W73-GreenBay\Rot09-CADD\3_Sheets\0117524-sh-sch.dgn

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"						
LANE LINE STATION	STATION	OFFSET (L/R/C)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
14+39	25+00					0
14+39	25+00					0
25+00	40+00	L	W	SKIP DASH	1	150
25+00	40+00	R	W	SKIP DASH	1	150
40+00	55+00	L	W	SKIP DASH	1	360
40+00	55+00	R	W	SKIP DASH	1	360
55+00	70+00	L	W	SKIP DASH	1	360
55+00	70+00	R	W	SKIP DASH	1	320
70+00	85+00	L	W	SKIP DASH	1	280
70+00	85+00	R	W	SKIP DASH	1	310
85+00	100+00	L	W	SKIP DASH	1	350
85+00	100+00	R	W	SKIP DASH	1	360
100+00	115+00	L	W	SKIP DASH	1	380
100+00	115+00	R	W	SKIP DASH	1	380
115+00	130+00	L	W	SKIP DASH	1	340
115+00	130+00	R	W	SKIP DASH	1	350
130+00	145+00	L	W	SKIP DASH	1	370
130+00	145+00	R	W	SKIP DASH	1	370
145+00	160+00	L	W	SKIP DASH	1	380
145+00	160+00	R	W	SKIP DASH	1	380
160+00	166+93	L	W	SKIP DASH	1	130
160+00	166+93	R	W	SKIP DASH	1	130
					SUBTOTAL	6,210

BI-DIRECTIONAL MEDIAN STRIPING						
STATION	STATION	OFFSET (L/R/C)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
25+00	40+00	L	Y	SOLID	1	202.91
25+00	40+00	R	Y	SOLID	1	186.63
25+00	40+00	L	Y	DASH	1	50.00
25+00	40+00	R	Y	DASH	1	50.00
					SUBTOTAL	490

DOUBLE YELLOW CENTER LINE						
STATION	STATION	OFFSET	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
		(L/R/C)				
14+39	25+00	C	Y	SOLID	2	1,723.06
25+00	40+00	R/C	Y	SOLID	2	2,096.12
40+00	55+00	C	Y	SOLID	2	2,790.56
55+00	70+00	R/C	Y	SOLID	2	2,821.82
70+00	85+00	C	Y	SOLID	2	2,456.82
85+00	100+00	R/C	Y	SOLID	2	2,708.44
100+00	115+00	C	Y	SOLID	2	2,828.24
115+00	130+00	L/R/C	Y	SOLID	2	2,470.26
130+00	145+00	C	Y	SOLID	2	3,197.66
145+00	160+00	C	Y	SOLID	2	2,854.80
160+00	166+93	L/R/C	Y	SOLID	2	1,248.04
					SUBTOTAL	27,196

2' DASH-6'SKIP						
STATION	STATION	OFFSET	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
		(L/R/C)				
160+00	164+00	L	W	DASH	1	26.0
160+00	164+00	R	W	DASH	1	27.0
					SUBTOTAL	53

KENILWORTH (RR DYNAMIC ENVELOPE (EOP LINES))						
STATION	STATION	OFFSET	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
		NORTH EOP	W	SOLID	1	9.3
					SUBTOTAL	9

PARKING LINE	STATION	STATION	OFFSET	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
			(L/R/C)				
14+39	25+00		L	W	SOLID		743
14+39	25+00		L	Y	SOLID		309
14+39	25+00		R	W	SOLID		891
14+39	25+00		R	Y	SOLID		386
25+00	40+00		L	W	SOLID		454
25+00	40+00		L	Y	SOLID		193
25+00	40+00		R	W	SOLID		424
25+00	40+00		R	Y	SOLID		232
55+00	70+00		R	W	SOLID		33
55+00	70+00		R	Y	SOLID		39
70+00	85+00		L	W	SOLID		914
70+00	85+00		R	W	SOLID		764
70+00	85+00		R	Y	SOLID		77
85+00	100+00		R	W	SOLID		140
130+00	145+00		L	Y	SOLID		78
130+00	145+00		R	Y	SOLID		287
145+00	160+00		L		SOLID		0
145+00	160+00		R		SOLID		0
160+00	166+93		R	W	SOLID		226
						SUBTOTAL	6,190

TOTAL	40,148	FOOT
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78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"						
2' DASH-6'SKIP						
STATION	STATION	OFFSET	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
		(L/R/C)				
14+39	40+00	L	W	DASH	1	10.00
14+39	40+00	L	W	DASH	1	16.00
70+00	85+00	L	W	DASH	1	26.00
115+00	130+00	R	W	DASH	1	26.00
					SUBTOTAL	78

FIRE STATION ACCESS (HATCH & EOP LINES)						
STATION	STATION	OFFSET	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
		(L/R/C)				
85+00	100+00	C	W	SOLID	1	1,258.70
85+00	100+00	L	W	SOLID	1	132.04
85+00	100+00	R	W	SOLID	1	132.04
					SUBTOTAL	1,523

TURN LANE LINE						
STATION	STATION	OFFSET	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
		(L/R/C)				
25+00	40+00	L	W	SOLID	1	240.7
25+00	40+00	R	W	SOLID	1	261.8
55+00	70+00	R	W	SOLID	1	0.0
70+00	85+00	L	W	SOLID	1	104.9
70+00	85+00	R	W	SOLID	1	48.1
85+00	100+00	R	W	SOLID	1	0.0
115+00	130+00	L	W	SOLID	1	203.1
115+00	130+00	R	W	SOLID	1	225.8
					SUBTOTAL	1,084

KENILWORTH (RR DYNAMIC ENVELOPE (HATCH LINES))					
STATION	STATION	OFFSET	COLOR (WHITE OR YELLOW)	TYPE OF LINE	TOTAL LENGTH (FEET)
		NORTH EOP	W	SOLID	54.5
SUBTOTAL					55

TOTAL	2,740	FOOT
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78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

GORE BOARDER						
STATION	STATION	OFFSET	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
		(L/R/C)				
25+00	40+00	R	W	SOLID	1	78.0
70+00	85+00	R	W	SOLID	1	27.6
115+00	130+00	L	W	SOLID	1	160.5
115+00	130+00	L	W	SOLID	1	58.6
115+00	130+00	R	W	SOLID	1	84.0
					TOTAL	409



116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = kcoortopassi	DESIGNED - DRAWN -	REVISED - REVISED -
		CHECKED -	REVISED -
PLOT DATE = 12/13/2024	DATE = 9/6/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE:	SHEET 6	OF 8	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	17
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

MODEL: Sch7 (Sheet)
FILE NAME: Z:\2023\232331_PTB21-D-02_VerPbl\Projects\WO2_62W73-GreenBay\Rel09-CADD\3_Sheets\0117524-sh-sch.dgn

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

CROSSWALK INTERSECTION	LEG				TOTAL LENGTH (FEET)
	N	S	E	W	
SCOTT AVE	99.0	102.0	72.0	90.0	363.0
MERRILL ST	88.0	99.0	75.00	62.0	324.0
GAGE ST	94.0	96.0	84.00	84.0	358.0
TOWER (E)		123.0			123.0
TOWER (W)	134.0			98.5	232.5
CHATFIELD DR				111.0	111.0
VINE ST				56.0	56.0
EL DORADO ST	84.0				84.0
WESTMOOR DR				57.0	57.0
PINE ST		86.0		123.0	209.0
SPRUCE ST				98.0	98.0
ELM ST	138.0	201.0	167.00	88.0	594.0
OAK ST (E)	87.0	88.0	92.00		267.0
OAK ST (W)	160.0	81.0	112.00	130.0	483.0
CHERRY ST	101.0	120.0	88.00	66.0	375.0
ASH ST				72.0	72.0
WILLOW RD				118.0	118.0
GREENBAY RD 103+00	84.0				84.0
CHURCH RD				99.0	99.0
SUNSET RD		86.0		45.0	131.0
WINNETKA AVE	149.0	178.0	190.00	151.0	668.0
BRIER ST				82.0	82.0
ROGER AVE				95.0	95.0
WAYLAND AVE				94.0	94.0
MELROSE AVE				100.0	100.0
PARK DR.	126.0			90.0	216.0
KENILWORTH AVE	166.0	208.0		106.0	480.0
SUBTOTAL					5974.0

CHANNELIZING CHEVERON						
STATION	STATION	OFFSET	COLOR (WHITE OR L/R/C)	TYPE OF	# OF LINES	TOTAL (FEET)
115+00	130+00	L	W	SOLID	1	68.0
					SUBTOTAL	68.0

MEDIAN DIAGONALS						
STATION	STATION	OFFSET	COLOR (WHITE OR L/R/C)	TYPE OF	# OF LINES	TOTAL (FEET)
25+00	40+00	R	W	SOLID	1	31.0
70+00	85+00	R	W	SOLID	1	35.6
115+00	130+00	C	Y	SOLID	1	50.0
130+00	145+00	L	Y	SOLID	5	30.0
130+00	145+00	L	W	SOLID	1	40.0
					SUBTOTAL	186.6

FIRE STATION AREA DEPARTURE LINES						
STATION	STATION	OFFSET	COLOR (WHITE OR L/R/C)	TYPE OF	# OF LINES	TOTAL (FEET)
85+00	100+00	L	W	SOLID	1	24.0
85+00	100+00	R	W	SOLID	1	24.0
					SUBTOTAL	48.0

KENILWORTH (RR DYNAMIC ENVELOPE (DEPARTURE LINES))					
STATION	STATION	OFFSET	COLOR (WHITE OR YELLOW)	TYPE OF LINE	TOTAL LENGTH (FEET)
		NORTH EOP	W	SOLID	24.0
SUBTOTAL					24

TOTAL	6,301	FOOT
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78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

STOP BAR INTERSECTION	LEG				TOTAL LENGTH (FEET)
	N	S	E	W	
SCOTT AVE	13.6	13.5	21.0	22.0	70.1
MERRILL ST	28.6	15.0			43.6
GAGE ST		20.0	21.6	21.0	62.6
TOWER (W)	23.9		25.7	21.7	71.3
TOWER (E)		26.5		24.6	51.1
CHATFIELD DR		26.0			26.0
VINE ST		10.3			10.3
ELDORADO ST.			20.0	20.0	40.0
WESTMOOR				10.2	10.2
PINE ST		28.8	20.0	20.0	68.8
SPRUCE ST		19.4			19.4
ELM ST	30.8	14.3	38.6	33.3	117.0
OAK ST (W)	26.5	28.9	14.0	34.5	103.9
OAK ST (E)	20.1		20.0	20.0	60.1
CHERRY ST	16.4	13.3			29.7
FIRE DEPARTMENT			24.0		24.0
FIRE DEPARTMENT				24.0	24.0
ASH ST		13.3			13.3
WILLOW RD		28.8			28.8
CHURCH RD		18.0			18.0
SUNSET RD		9.6	20.0	20.0	49.6
WINNETKA RD	56.4	84.1	36.5	26.2	203.1
ROGER AVE		13.1			13.1
WAYLAND AVE		16.3			16.3
MELROSE AVE		15.2			15.2
PARK DR.		21.7	28.5	28.2	78.4
KENILWORTH AVE	25.0	23.0	45.5	38.0	131.5
ASHLAND AVE & 16th ST				28.3	28.3
				TOTAL	1,428

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	18
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				



USER NAME = kcoortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -

MODEL: S08 (Sheet)
FILE NAME: Z:\2023\232331_PTB21\02_VerPbl\Projects\W02_62W73-GreenBay\Rel09-CADD\3_Sheets\0117524-sh-sch.dgn

X4060995 TEMPORARY RAMP (SPECIAL)				
STA. (Approximate)	OFFSET RT/LT	LENGTH OF RAMP (FEET)	WIDTH OF DRIVEWAY (FEET)	TOTAL AREA (SQYD)
Tower S Leg		30.0	2.0	6.7
Tower N Leg		97.0	2.0	21.6
34+25	RT	35.0	2.0	7.8
35+00	RT	35.0	2.0	7.8
Chatfield Dr S		23.0	2.0	5.1
38+10	RT	25.0	2.0	5.6
Vine St S Leg		20.0	2.0	4.4
40+35	RT	18.0	2.0	4.0
43+25	RT	31.0	2.0	6.9
43+85	RT	21.0	2.0	4.7
Eldorado St N Leg		116.0	2.0	25.8
Westmoore Rd S Leg		20.0	2.0	4.4
45+00	RT	27.0	2.0	6.0
47+80	RT	21.0	2.0	4.7
48+55	RT	24.0	2.0	5.3
49+30	RT	22.0	2.0	4.9
50+25	RT	55.0	2.0	12.2
51+10	RT	15.0	2.0	3.3
51+40	RT	28.0	2.0	6.2
53+10	RT	34.0	2.0	7.6
53+90	RT	24.0	2.0	5.3
54+45	RT	18.0	2.0	4.0
55+05	RT	8.0	2.0	1.8
05+55	RT	7.0	2.0	1.6
55+90	RT	7.0	2.0	1.6
56+75	RT	21.0	2.0	4.7
57+35	RT	27.0	2.0	6.0
57+80	RT	19.0	2.0	4.2
Pine St N Leg		68.0	2.0	15.1
Pine St S Leg		36.0	2.0	8.0
66+00	RT	45.0	2.0	10.0
Spruce St S Leg		27.0	2.0	6.0
69+60	LT	50.0	2.0	11.1
71+95	RT	20.0	2.0	4.4
72+50	RT	14.0	2.0	3.1
Elm St N Leg		92.0	2.0	20.4
Elm St S Leg		56.0	2.0	12.4
Oak St S Leg		44.0	2.0	9.8
Linden St		24.0	2.0	5.3
81+20	LT	31.0	2.0	6.9
Oak St N Leg		40.0	2.0	8.9
84+35	RT	21.0	2.0	4.7
85+15	RT	29.0	2.0	6.4
Cherry St N Leg		31.0	2.0	6.9
Cherry St S Leg		22.0	2.0	4.9

STA. (Approximate)	OFFSET RT/LT	LENGTH OF RAMP (FEET)	WIDTH OF DRIVEWAY (FEET)	TOTAL AREA (SQYD)
87+40	RT	46.0	2.0	10.2
89+00	RT	122.0	2.0	27.1
Ash St S Leg		24.0	2.0	5.3
Willow St S Leg		34.0	2.0	7.6
102+60	RT	52.0	2.0	11.6
102+99	LT	11.0	2.0	2.4
103+04	RT	7.0	2.0	1.6
Church Rd S Leg		30.0	2.0	6.7
108+75	RT	19.0	2.0	4.2
109+75	RT	19.0	2.0	4.2
110+50	RT	15.0	2.0	3.3
111+30	RT	14.0	2.0	3.1
112+10	RT	18.0	2.0	4.0
113+10	RT	13.0	2.0	2.9
114+30	RT	19.0	2.0	4.2
114+60	RT	18.0	2.0	4.0
115+25	RT	20.0	2.0	4.4
116+20	RT	18.0	2.0	4.0
116+80	RT	22.0	2.0	4.9
118+35	LT	29.0	2.0	6.4
Sunset Rd S Leg		18.0	2.0	4.0
Hill Terrace S Leg		17.5	2.0	3.9
124+10	RT	20.0	2.0	4.4
124+15	LT	30.0	2.0	6.7
125+90	RT	34.0	2.0	7.6
Winnetka Ave N Leg		45.5	2.0	10.1
Winnetka Ave S Leg		34.0	2.0	7.6
Brier St		16.0	2.0	3.6
130+00	RT	48.0	2.0	10.7
130+95	LT	26.0	2.0	5.8
131+35	LT	30.0	2.0	6.7
131+60	RT	23.0	2.0	5.1
133+05	RT	18.0	2.0	4.0
133+35	RT	21.0	2.0	4.7
134+65	RT	21.0	2.0	4.7
139+60	LT	32.0	2.0	7.1
142+80	RT	15.0	2.0	3.3

TOTAL	550	SQ YD
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X4240800 DETECTABLE WARNINGS (SPECIAL)			
Intersection: Green Bay / Kenilworth			
LOC	LF	WIDTH	AREA (SF)
NW Corner	14.0	2	28.0
SW Corner	11.0	2	22.0
SE Corner	9.0	2	18.0
NE Corner	13.0	2	26.0
SUBTOTAL			94.0
Intersection: Green Bay / Park			
LOC	LF	WIDTH	AREA (SF)
NW Corner	7.5	2	15.0
SW Corner	8.0	2	16.0
Median	8.0	2	16.0
NE Corner	7.5	2	15.0
SUBTOTAL			62.0
Intersection: Green Bay / Melrose			
LOC	LF	WIDTH	AREA (SF)
NW Corner	9.5	2	19.0
SW Corner	9.3	2	18.6
SUBTOTAL			37.6
Intersection: Green Bay / Wayland			
LOC	LF	WIDTH	AREA (SF)
NW Corner	9.5	2	19.0
SW Corner	9.0	2	18.0
SUBTOTAL			37.0
Total	193	SQ FT	

WBK

ENGINEERING

116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = kcoortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -

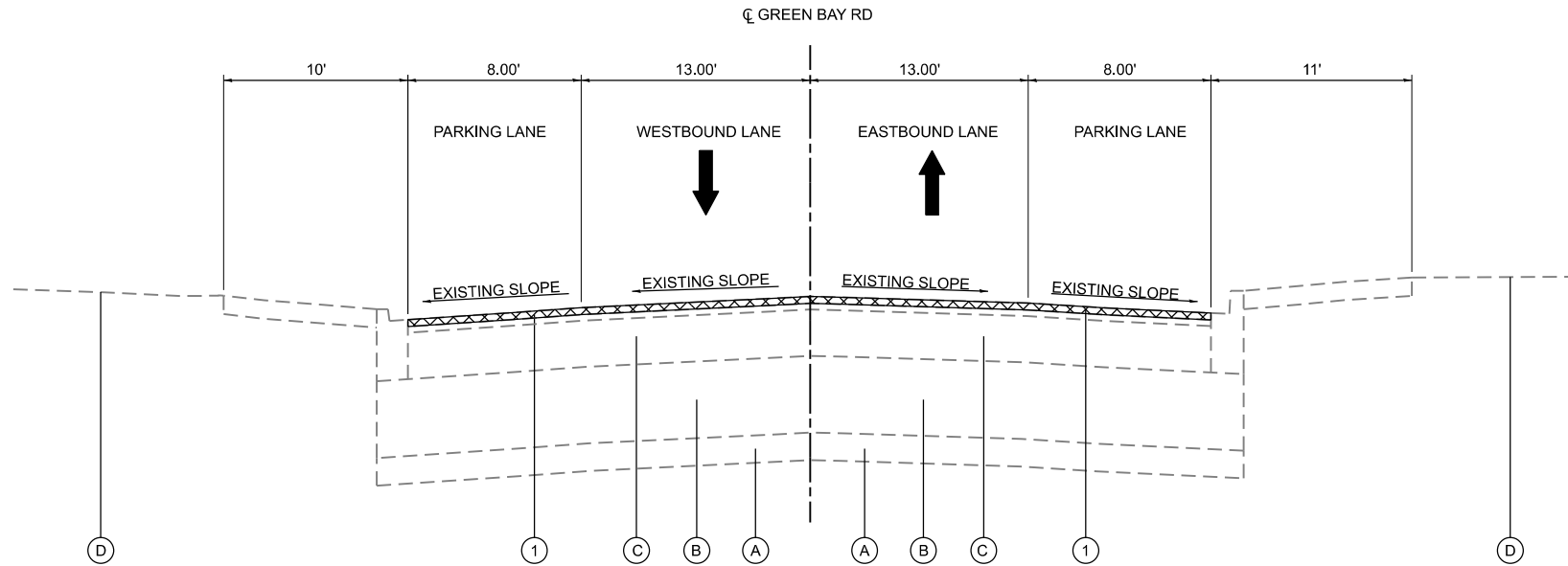
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SCHEDULE OF QUANTITIES

SCALE:	SHEET 8	OF 8	SHEETS	STA.	TO STA.
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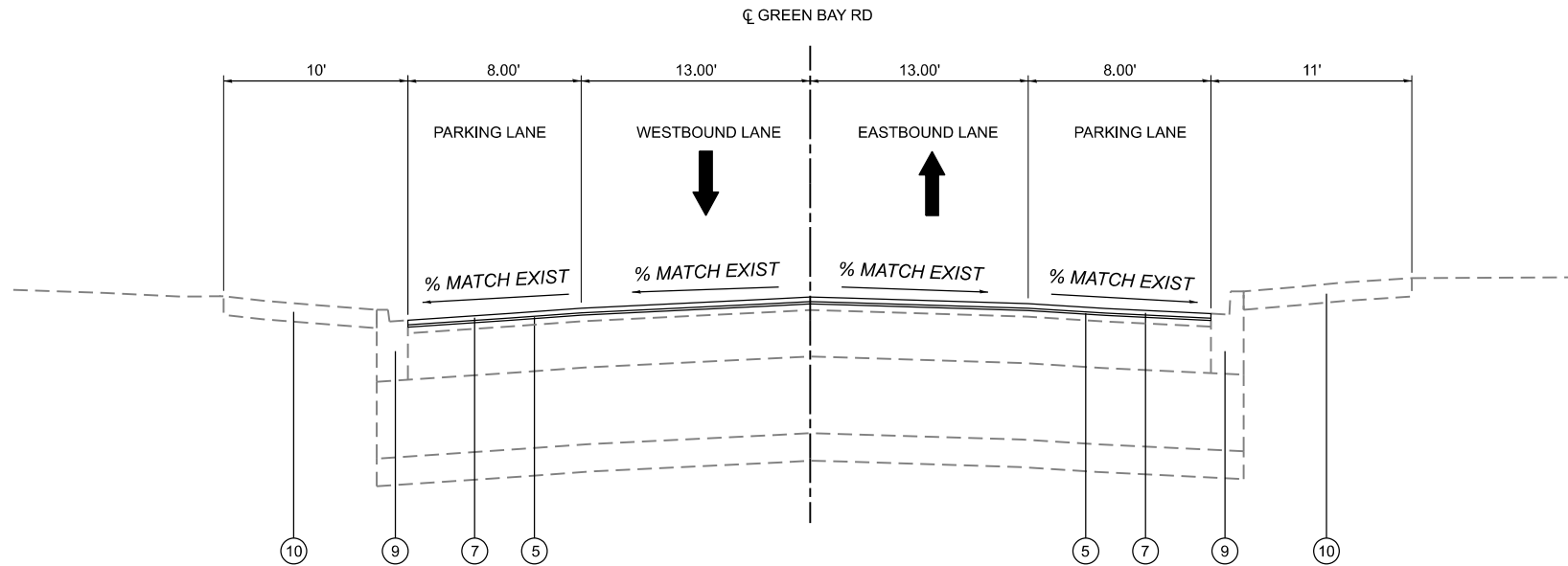
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	19
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

MODEL: GREEN_BAY_RD_E_Sheet 1
FILE NAME: Z:\2024\232331_PTB210-02_VarPhlProjects\W02_62W73-GreenBay\Rot09-CADD\3_Sheets\0117524-sh-hydrical.dgn



EXISTING TYPICAL SECTION

GREEN BAY ROAD
(SCOTT AVE TO TOWER RD)
STA. 14+11.00 TO STA. 29+15.81
(STANDARD OVERLAY)



PROPOSED TYPICAL SECTION

GREEN BAY ROAD
(SCOTT AVE TO TOWER RD)
STA. 14+11.00 TO STA. 29+15.81
(STANDARD OVERLAY)

EXISTING LEGEND

- (A) EXIST. GRANULAR SUB BASE
- (B) EXIST. PCC PAVEMENT (VARIES 10.25" TO 11.50")
- (C) EXIST. HOT-MIX ASPHALT SURFACE (VARIES 4.00" TO 4.25")
- (D) EXIST. GROUND
- [Cross-hatched box] ITEMS TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (2) HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
- (3) COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)
- (4) PCC SIDEWALK REMOVAL (AS DETERMINED BY THE ENGINEER)
- (5) 3/4" - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (STANDARD OVERLAY)
- (6) 2" - HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (DESIGNED OVERLAY)
- (7) 1 1/2" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (STANDARD OVERLAY)
- (8) 1 3/4" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (DESIGNED OVERLAY)
- (9) COMBINATION CURB AND GUTTER (AS DETERMINED BY THE ENGINEER)
- (10) PCC SIDEWALK (AS DETERMINED BY THE ENGINEER)

NOTES:

- 1. SIDEWALK REMOVAL IN AREAS FOR ADA IMPROVEMENTS ONLY.
- 2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BINDER AND POLYMERIZED HMA BINDER COURSE.

SEQUENCE OF CONSTRUCTION:

- 1. CONTRACTOR SHALL PATCH BEFORE MILLING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
SEGMENT 1: GREEN BAY ROAD - SCOTT AVENUE TO TOWER ROAD		
1 1/2" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	4.0% @ 70 GYR.	QCP
3/4" - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR.	QCP
SEGMENT 2: GREEN BAY ROAD - TOWER ROAD TO OAK STREET		
1 3/4" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	4.0% @ 70 GYR.	QCP
2" - HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	4.0% @ 70 GYR.	QCP
SEGMENT 3: GREEN BAY ROAD - OAK STREET TO ROGER AVENUE		
1 3/4" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	4.0% @ 70 GYR.	QCP
2" - HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	4.0% @ 70 GYR.	QCP
SEGMENT 4: GREEN BAY ROAD - ROGER AVENUE TO KENILWORTH AVENUE		
1 1/2" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	4.0% @ 70 GYR.	QCP
3/4" - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR.	QCP
GREEN BAY ROAD - HOT-MIX ASPHALT PATCHING		
CLASS D PATCH (HMA BINDER IL-19.0)	4.0% @ 70 GYR.	QC/QA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0)	4.0% @ 70 GYR.	QC/QA
TEMPORARY RAMP (SPECIAL)		
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	4.0% @ 70 GYR.	QC/QA
DRIVEWAY PAVEMENT		
2" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	4.0% @ 50 GYR.	QC/QA
P.E. 6" - HMA BASE COURSE (HMA BINDER IL-19.0)	4.0% @ 50 GYR.	QC/QA
C.E. 8" - HMA BASE COURSE (HMA BINDER IL-19.0)	4.0% @ 50 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)		

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.



116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = kcourtopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/16/2025	DATE - 9/6/2024	REVISED -

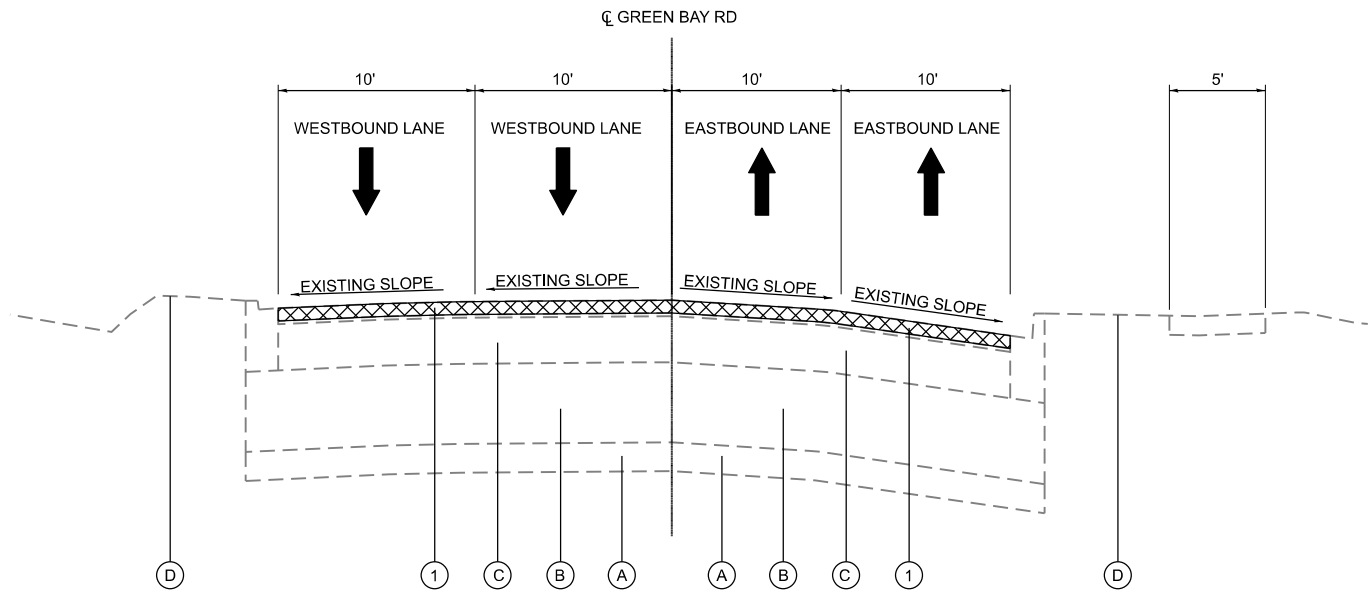
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
TYPICAL SECTIONS

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

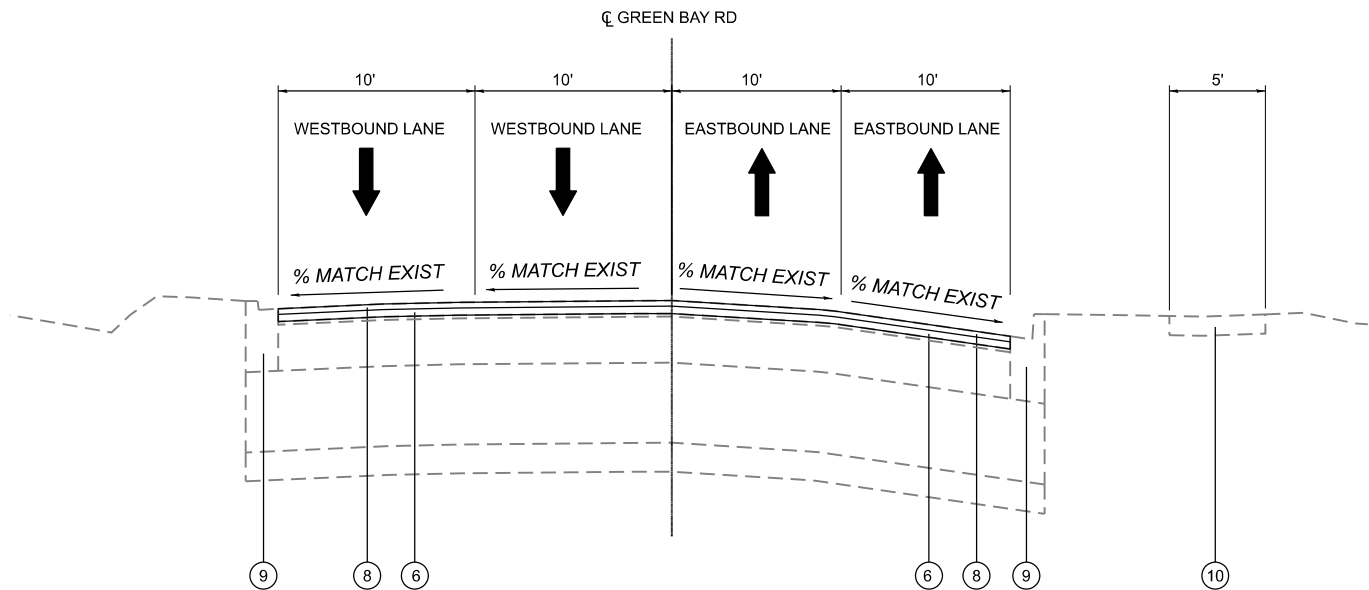
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	20
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

MODEL: GREEN_BAY_RD_E_Sheet 2
FILE NAME: Z:\2023\232331_PTB210-02_VerP\H\Projects\W02_62W73-GreenBay\Roll09-CADD\3_Sheets\011752+sh-hydr.dgn



EXISTING TYPICAL SECTION

GREEN BAY ROAD
(TOWER RD TO OAK ST)
STA. 29+15.81 TO STA. 78+17.48
(DESIGNED OVERLAY)



PROPOSED TYPICAL SECTION

GREEN BAY ROAD
(TOWER RD TO OAK ST)
STA. 29+15.81 TO STA. 78+17.48
(DESIGNED OVERLAY)

EXISTING LEGEND

- (A) EXIST. GRANULAR SUB BASE
- (B) EXIST. PCC PAVEMENT (VARIES 8.75" TO 10.50")
- (C) EXIST. HOT-MIX ASPHALT SURFACE (VARIES 4.00" TO 5.00")
- (D) EXIST. GROUND
- [Hatched Box] ITEMS TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (2) HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
- (3) COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)
- (4) PCC SIDEWALK REMOVAL (AS DETERMINED BY THE ENGINEER)
- (5) 3/4" - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (STANDARD OVERLAY)
- (6) 2" - HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (DESIGNED OVERLAY)
- (7) 1 1/2" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (STANDARD OVERLAY)
- (8) 1 3/4" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (DESIGNED OVERLAY)
- (9) COMBINATION CURB AND GUTTER (AS DETERMINED BY THE ENGINEER)
- (10) PCC SIDEWALK (AS DETERMINED BY THE ENGINEER)

NOTES:

- SIDEWALK REMOVAL IN AREAS FOR ADA IMPROVEMENTS ONLY.
- THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BINDER AND POLYMERIZED HMA BINDER COURSE.

SEQUENCE OF CONSTRUCTION:

- CONTRACTOR SHALL PATCH BEFORE MILLING.



USER NAME = rsikes	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/16/2025	DATE = 9/6/2024	REVISED -

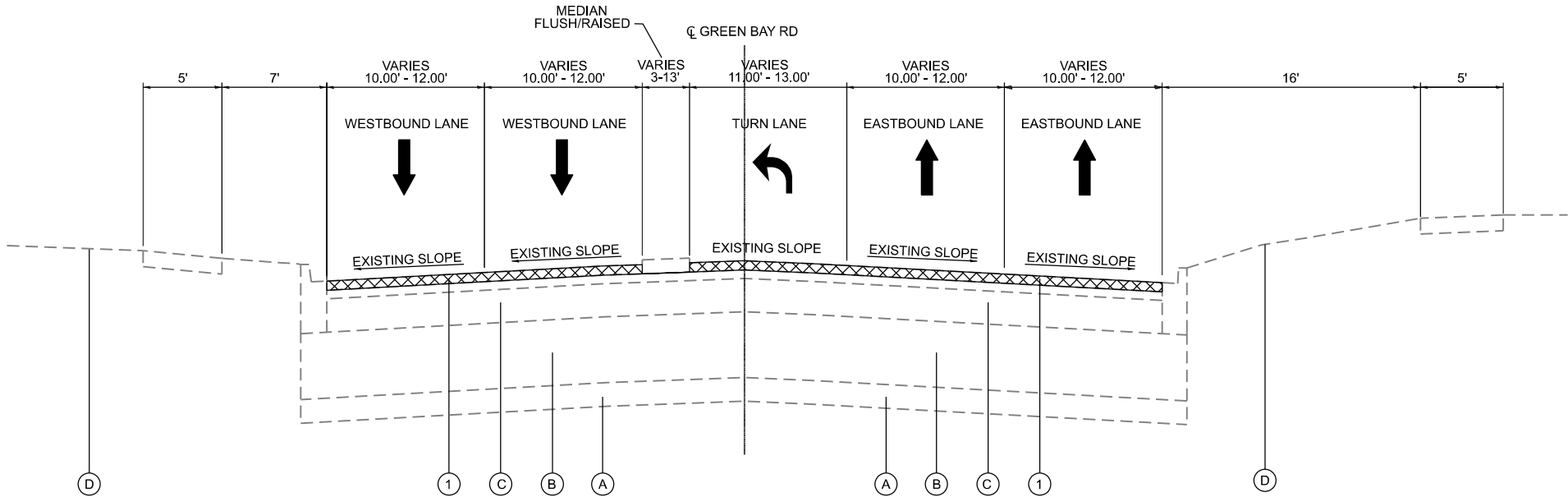
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
TYPICAL SECTIONS

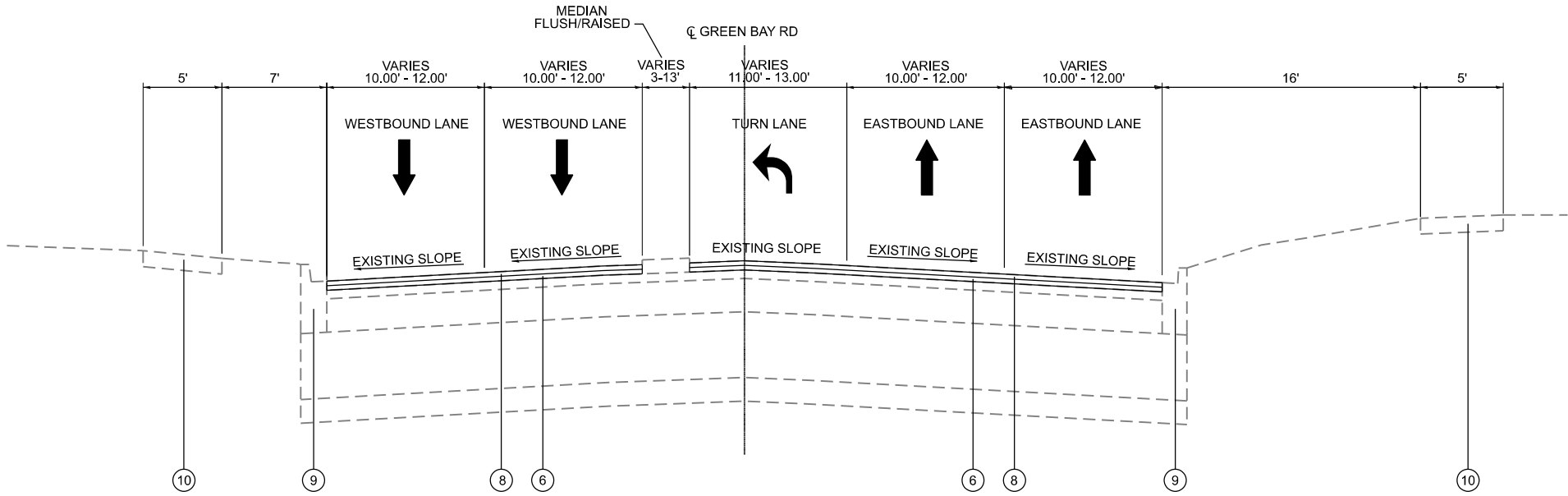
SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	21
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

MODEL: GREEN_BAY_RD_E - Sheet 3
FILE NAME: Z:\2023\232331_PTB210-02_VerPhtlProjects\W02_62W73-GreenBayRd\09-CADD\3_Sheets\017524-sh-typical.dgn



EXISTING TYPICAL SECTION
GREEN BAY ROAD
(OAK ST TO ROGER AVE)
STA. 123+00.00 TO STA. 130+00.00
(DESIGNED OVERLAY)



PROPOSED TYPICAL SECTION
GREEN BAY ROAD
(OAK ST TO ROGER AVE)
STA. 123+00.00 TO STA. 130+00.00
(DESIGNED OVERLAY)

EXISTING LEGEND

- (A) EXIST. GRANULAR SUB BASE
- (B) EXIST. PCC PAVEMENT (VARIES 8.00" TO 14.50")
- (C) EXIST. HOT-MIX ASPHALT SURFACE (VARIES 2.50" TO 6.75")
- (D) EXIST. GROUND
- XXXXXX ITEMS TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (2) HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
- (3) COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)
- (4) PCC SIDEWALK REMOVAL (AS DETERMINED BY THE ENGINEER)
- (5) 3/4" - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (STANDARD OVERLAY)
- (6) 2" - HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (DESIGNED OVERLAY)
- (7) 1 1/2" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (STANDARD OVERLAY)
- (8) 1 3/4" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (DESIGNED OVERLAY)
- (9) COMBINATION CURB AND GUTTER (AS DETERMINED BY THE ENGINEER)
- (10) PCC SIDEWALK (AS DETERMINED BY THE ENGINEER)

- NOTES:
- SIDEWALK REMOVAL IN AREAS FOR ADA IMPROVEMENTS ONLY.
 - THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BINDER AND POLYMERIZED HMA BINDER COURSE.

- SEQUENCE OF CONSTRUCTION:
- CONTRACTOR SHALL PATCH BEFORE MILLING.



USER NAME = rsikes	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/16/2025	DATE = 9/6/2024	REVISED -

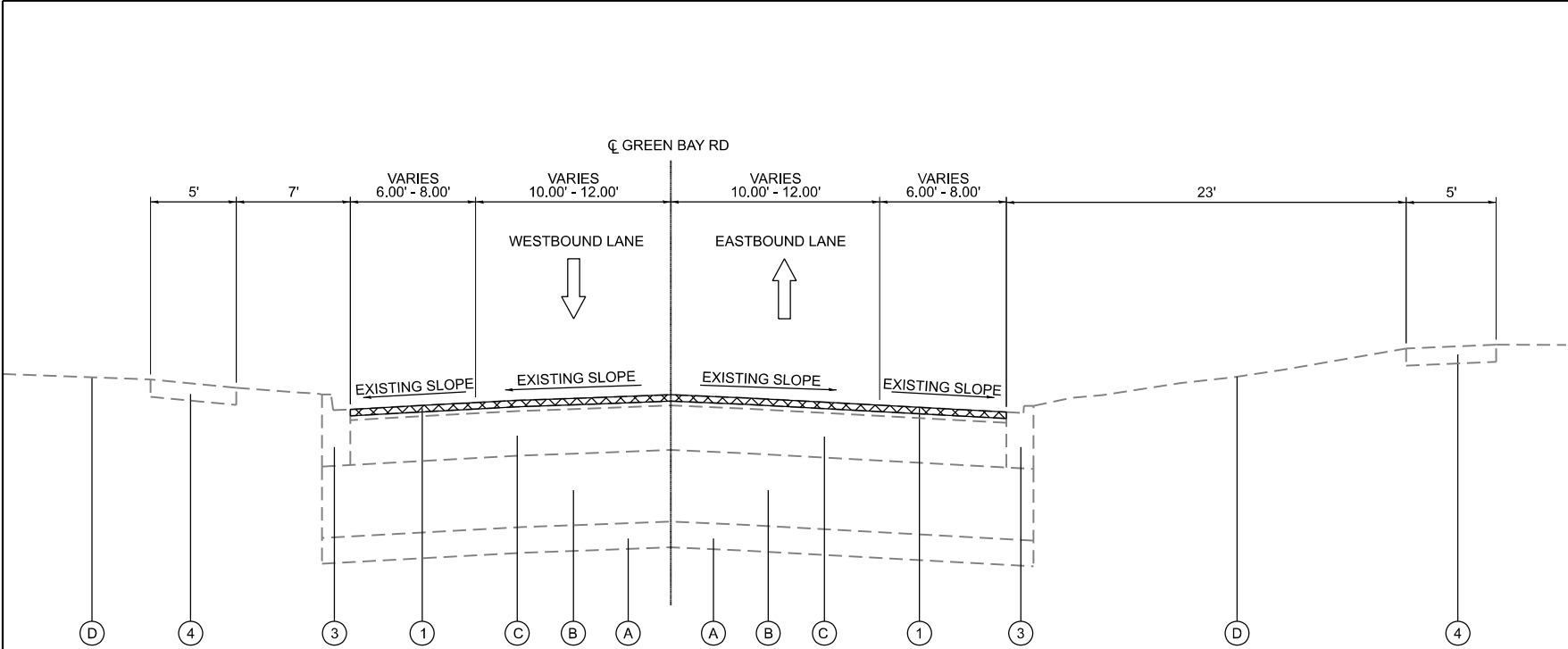
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
TYPICAL SECTIONS

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	23
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

MODEL: GREEN_BAY_RD_E_Sheet 3
FILE NAME: Z:\2024\232331_PTB210-002_VarPhl\Projects\W02_62W73-GreenBay\Roll09-CADD\3_Sheets\0117524-sh-typical.dgn



EXISTING TYPICAL SECTION

GREEN BAY ROAD
(ROGER AVE TO KENILWORTH AVE)
STA. 137+00.00 TO STA. 166+92.61
(STANDARD OVERLAY)

EXISTING LEGEND

- (A) EXIST. GRANULAR SUB BASE
- (B) EXIST. PCC PAVEMENT (9.75")
- (C) EXIST. HOT-MIX ASPHALT SURFACE (3.75")
- (D) EXIST. GROUND
- XXXXXX ITEMS TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (2) HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
- (3) COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)
- (4) PCC SIDEWALK REMOVAL (AS DETERMINED BY THE ENGINEER)
- (5) 3/4" - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (STANDARD OVERLAY)
- (6) 2" - HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 (DESIGNED OVERLAY)
- (7) 1 1/2" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (STANDARD OVERLAY)
- (8) 1 3/4" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (DESIGNED OVERLAY)
- (9) COMBINATION CURB AND GUTTER (AS DETERMINED BY THE ENGINEER)
- (10) PCC SIDEWALK (AS DETERMINED BY THE ENGINEER)

NOTES:

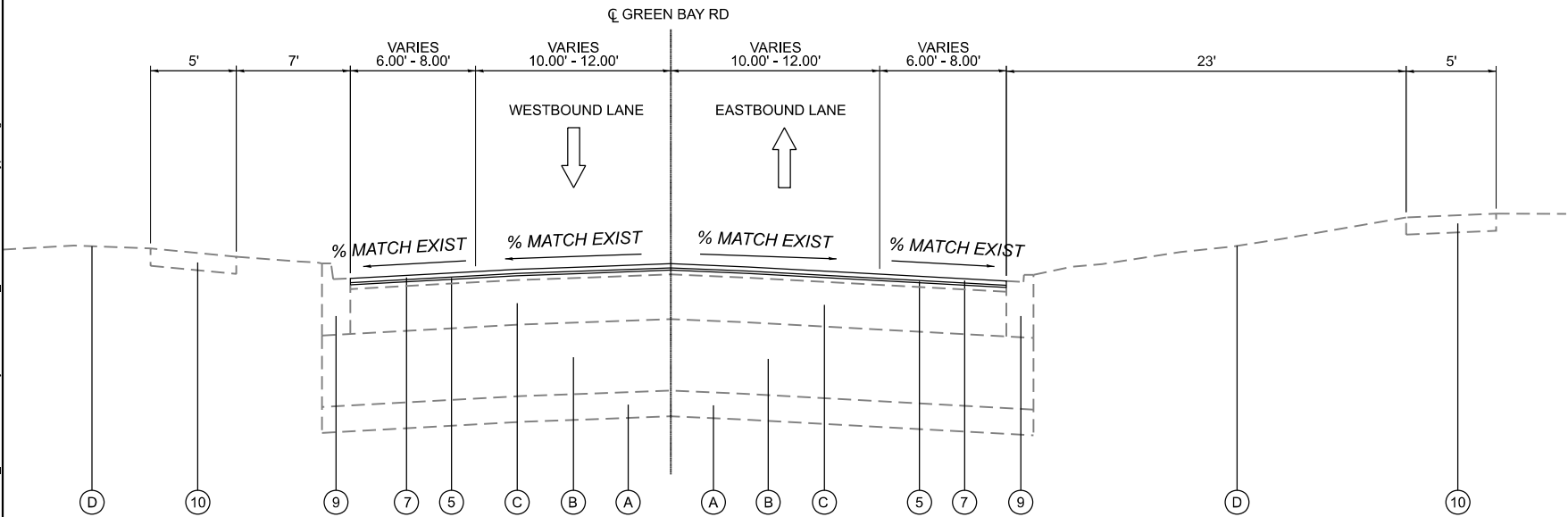
- SIDEWALK REMOVAL IN AREAS FOR ADA IMPROVEMENTS ONLY (AS DETERMINED BY THE ENGINEER).
- THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER JOINTS IN THE HMA BINDER.

SEQUENCE OF CONSTRUCTION:

- REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- REMOVE AND REPLACE WITH CLASS D PATCH.
- REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

PAVEMENT CORE DATA

CORE#	STATION	STATION OFFSET (FEET)	BITUMINOUS THICKNESS (INCH)	PCC THICKNESS (INCH)
1	16+50	6 Rt CL	4.00	10.25
2	26+75	18 Lt CL	4.25	11.50
3	31+00	24 Rt CL	4.00	10.00
4	46+00	6 Lt CL	4.00	10.00
5	58+85	17 Rt CL	4.00	10.50
6	71+00	28 Lt CL	5.00	8.75
7	84+00	17 Rt CL	6.75	8.00
8	95+50	6 Lt CL	4.50	10.50
9	119+00	17 Rt CL	3.50	14.50
10	137+00	17 Lt CL	2.50	10.00
11	155+00	6 Rt CL	3.75	9.75
9A	141+00	15 Lt CL	1.75	10.00
9B	133+50	4 Rt CL	15.50	
10A	130+00	4 Lt CL	3.75	10.00



PROPOSED TYPICAL SECTION

GREEN BAY ROAD
(ROGER AVE TO KENILWORTH AVE)
STA. 137+00.00 TO STA. 166+92.61
(STANDARD OVERLAY)



USER NAME = kcartopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/13/2024	DATE = 9/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	24
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

MODEL: GREEN_BAY_RD_E - Sheet 1
FILE NAME: C:\Bentley\CONNECT101\Organization-Civil\IDOT_Standards\Civil\IDOT_Sheets.cad



116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = kcoriopassi
PLOT DATE = 1/16/2025

DESIGNED -
DRAWN -
CHECKED -
DATE - 9/6/2024

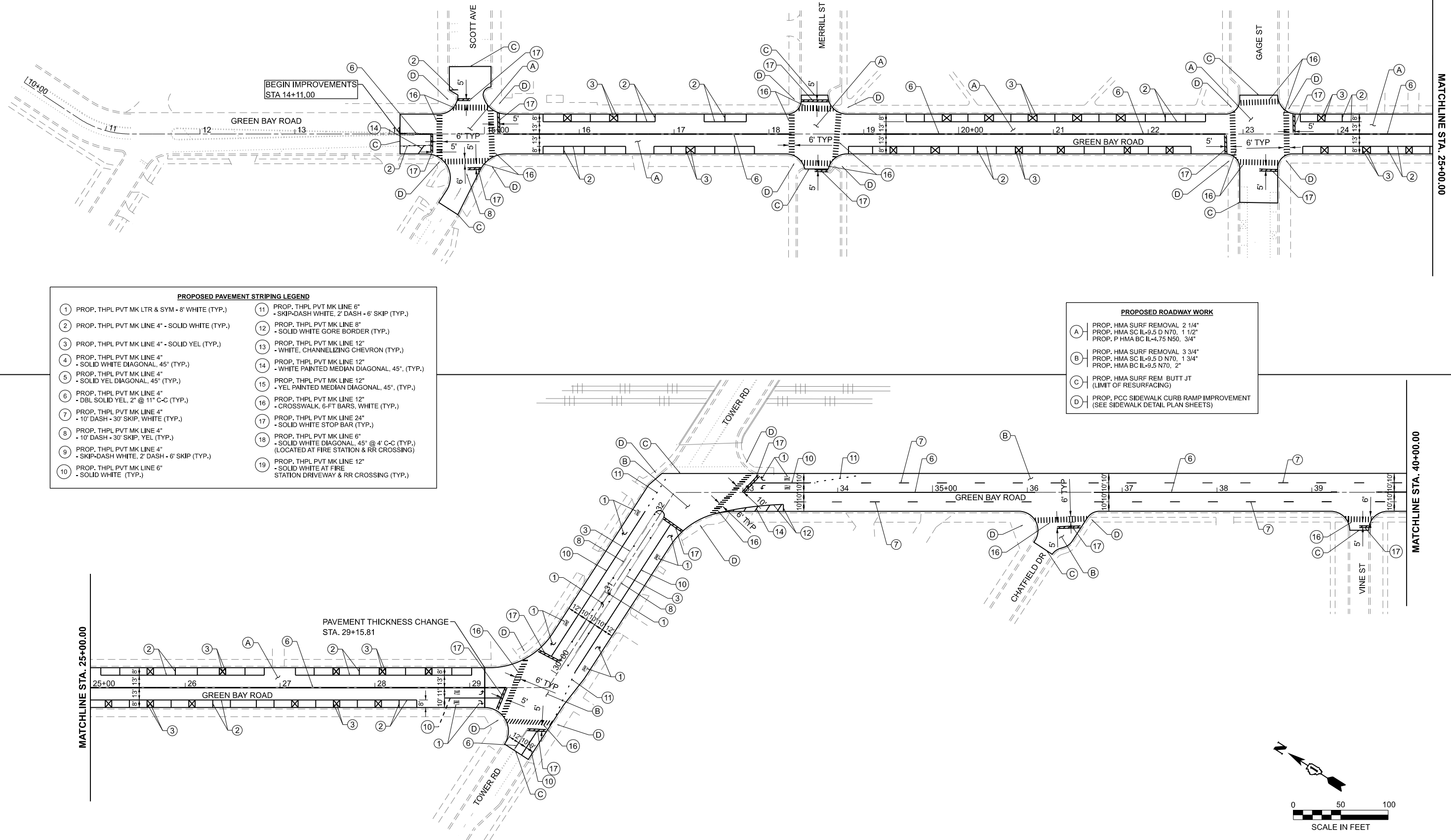
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
PROPOSED ROADWAY PLAN

SCALE: 1"=50' SHEET 1 OF 6 SHEETS STA. 10+00.00 TO STA. 40+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	25
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				



MODEL: GREEN_BAY_RD_E - Sheet 2
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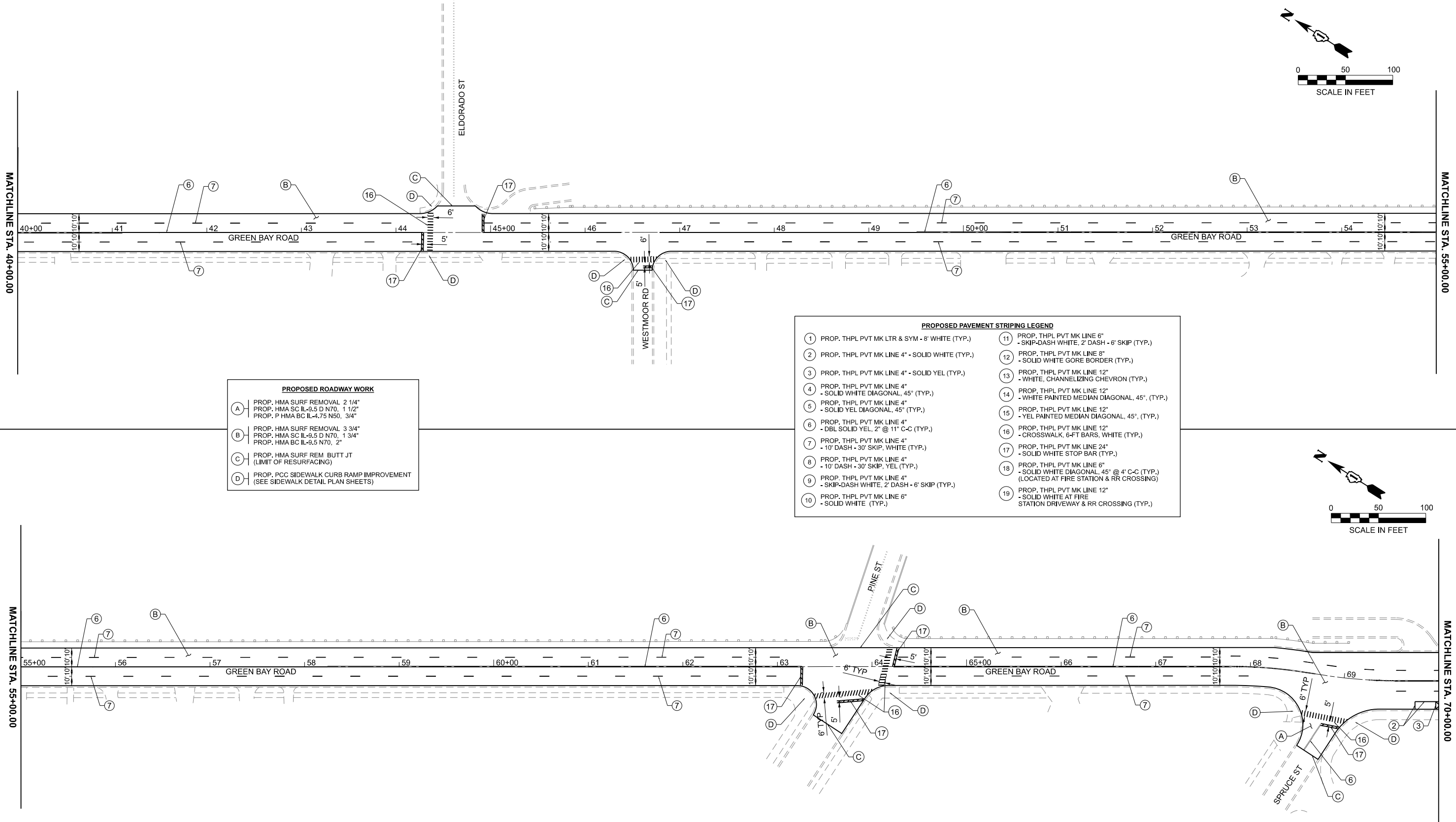
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE = 9/6/2024	REVISED -
PLOT DATE = 12/13/2024		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
PROPOSED ROADWAY PLAN

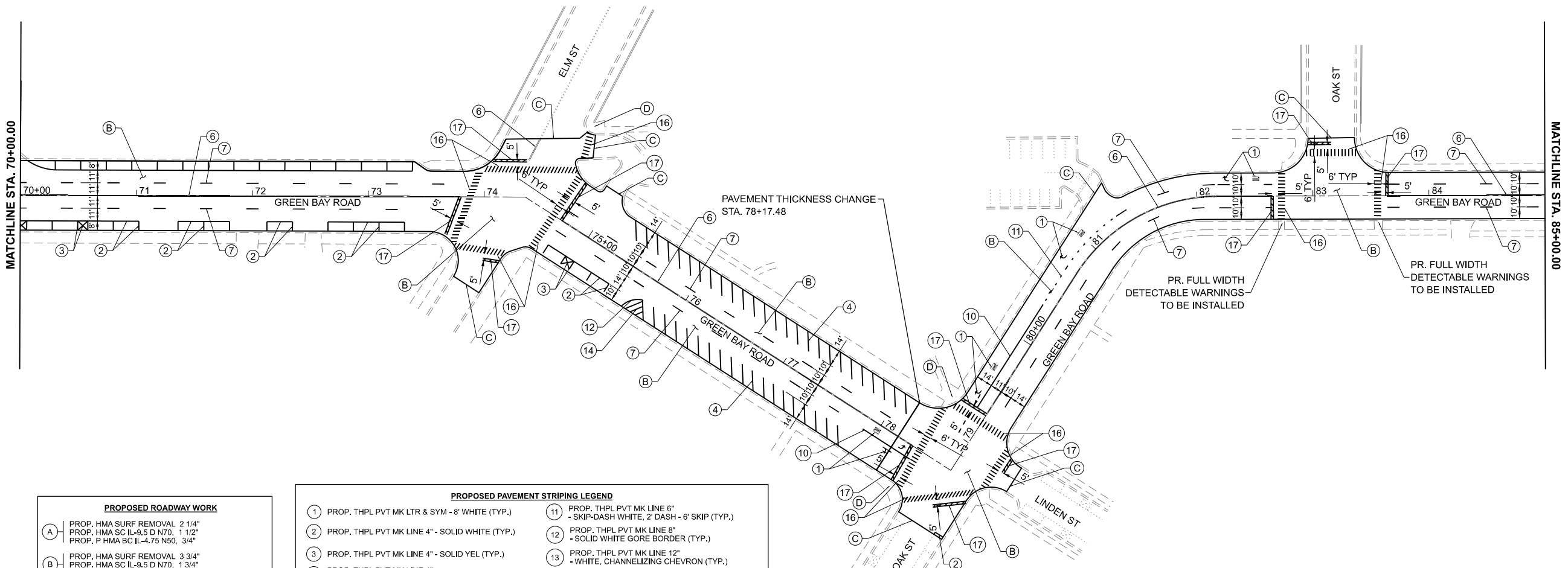
SCALE: 1"=50' SHEET 2 OF 6 SHEETS STA. 40+00.00 TO STA. 70+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	26
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				



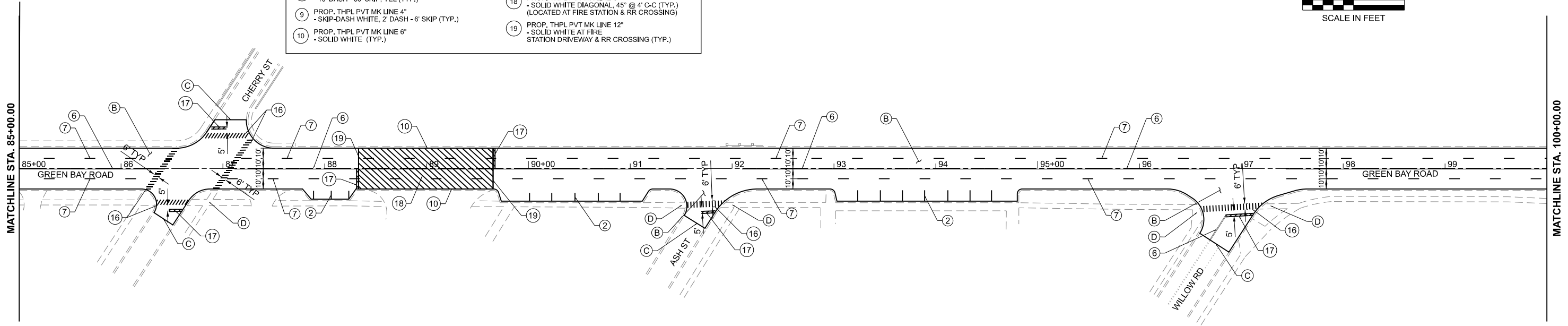
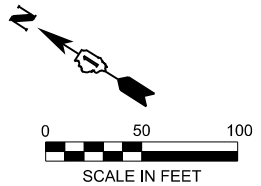
- PROPOSED ROADWAY WORK**
- (A) PROP. HMA SURF REMOVAL 2 1/4"
PROP. HMA SC IL-9.5 D N70, 1 1/2"
PROP. P HMA BC IL-4.75 N50, 3/4"
 - (B) PROP. HMA SURF REMOVAL 3 3/4"
PROP. HMA SC IL-9.5 D N70, 1 3/4"
PROP. HMA BC IL-9.5 N70, 2"
 - (C) PROP. HMA SURF REM BUTT JT
(LIMIT OF RESURFACING)
 - (D) PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT
(SEE SIDEWALK DETAIL PLAN SHEETS)

- PROPOSED PAVEMENT STRIPING LEGEND**
- (1) PROP. THPL PVT MK LTR & SYM - 8' WHITE (TYP.)
 - (2) PROP. THPL PVT MK LINE 4" - SOLID WHITE (TYP.)
 - (3) PROP. THPL PVT MK LINE 4" - SOLID YEL (TYP.)
 - (4) PROP. THPL PVT MK LINE 4" - SOLID WHITE DIAGONAL, 45° (TYP.)
 - (5) PROP. THPL PVT MK LINE 4" - SOLID YEL DIAGONAL, 45° (TYP.)
 - (6) PROP. THPL PVT MK LINE 4" - DBL SOLID YEL, 2' @ 11" C-C (TYP.)
 - (7) PROP. THPL PVT MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
 - (8) PROP. THPL PVT MK LINE 4" - 10' DASH - 30' SKIP, YEL (TYP.)
 - (9) PROP. THPL PVT MK LINE 4" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
 - (10) PROP. THPL PVT MK LINE 6" - SOLID WHITE (TYP.)
 - (11) PROP. THPL PVT MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
 - (12) PROP. THPL PVT MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
 - (13) PROP. THPL PVT MK LINE 12" - WHITE, CHANNELIZING CHEVRON (TYP.)
 - (14) PROP. THPL PVT MK LINE 12" - WHITE PAINTED MEDIAN DIAGONAL, 45°, (TYP.)
 - (15) PROP. THPL PVT MK LINE 12" - YEL PAINTED MEDIAN DIAGONAL, 45°, (TYP.)
 - (16) PROP. THPL PVT MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)
 - (17) PROP. THPL PVT MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
 - (18) PROP. THPL PVT MK LINE 6" - SOLID WHITE DIAGONAL, 45° @ 4' C-C (TYP.) (LOCATED AT FIRE STATION & RR CROSSING)
 - (19) PROP. THPL PVT MK LINE 12" - SOLID WHITE AT FIRE STATION DRIVEWAY & RR CROSSING (TYP.)



- PROPOSED ROADWAY WORK**
- (A) PROP. HMA SURF REMOVAL 2 1/4"
PROP. HMA SC IL-9.5 D N70, 1 1/2"
PROP. P HMA BC IL-4.75 N50, 3/4"
 - (B) PROP. HMA SURF REMOVAL 3 3/4"
PROP. HMA SC IL-9.5 D N70, 1 3/4"
PROP. HMA BC IL-9.5 N70, 2"
 - (C) PROP. HMA SURF REM BUTT JT
(LIMIT OF RESURFACING)
 - (D) PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT
(SEE SIDEWALK DETAIL PLAN SHEETS)

- PROPOSED PAVEMENT STRIPING LEGEND**
- | | |
|--|--|
| (1) PROP. THPL PVT MK LTR & SYM - 8' WHITE (TYP.) | (11) PROP. THPL PVT MK LINE 6"
- SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.) |
| (2) PROP. THPL PVT MK LINE 4" - SOLID WHITE (TYP.) | (12) PROP. THPL PVT MK LINE 8"
- SOLID WHITE GORE BORDER (TYP.) |
| (3) PROP. THPL PVT MK LINE 4" - SOLID YEL (TYP.) | (13) PROP. THPL PVT MK LINE 12"
- WHITE, CHANNELIZING CHEVRON (TYP.) |
| (4) PROP. THPL PVT MK LINE 4"
- SOLID WHITE DIAGONAL, 45° (TYP.) | (14) PROP. THPL PVT MK LINE 12"
- WHITE PAINTED MEDIAN DIAGONAL, 45°, (TYP.) |
| (5) PROP. THPL PVT MK LINE 4"
- SOLID YEL DIAGONAL, 45° (TYP.) | (15) PROP. THPL PVT MK LINE 12"
- YEL PAINTED MEDIAN DIAGONAL, 45°, (TYP.) |
| (6) PROP. THPL PVT MK LINE 4"
- DBL SOLID YEL, 2" @ 11" C-C (TYP.) | (16) PROP. THPL PVT MK LINE 12"
- CROSSWALK, 6-FT BARS, WHITE (TYP.) |
| (7) PROP. THPL PVT MK LINE 4"
- 10' DASH - 30' SKIP, WHITE (TYP.) | (17) PROP. THPL PVT MK LINE 24"
- SOLID WHITE STOP BAR (TYP.) |
| (8) PROP. THPL PVT MK LINE 4"
- 10' DASH - 30' SKIP, YEL (TYP.) | (18) PROP. THPL PVT MK LINE 6"
- SOLID WHITE DIAGONAL, 45° @ 4' C-C (TYP.)
(LOCATED AT FIRE STATION & RR CROSSING) |
| (9) PROP. THPL PVT MK LINE 4"
- SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.) | (19) PROP. THPL PVT MK LINE 12"
- SOLID WHITE AT FIRE
STATION DRIVEWAY & RR CROSSING (TYP.) |
| (10) PROP. THPL PVT MK LINE 6"
- SOLID WHITE (TYP.) | |



MODEL: GREEN_BAY_RD_E - Sheet 3
FILE NAME: C:\Bentley\CONNECT1101\Organization-Chil\IDOT_Standards\Cell\IDOT_Sheets.cel



USER NAME = kcoortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/13/2024	DATE = 9/6/2024	REVISED -

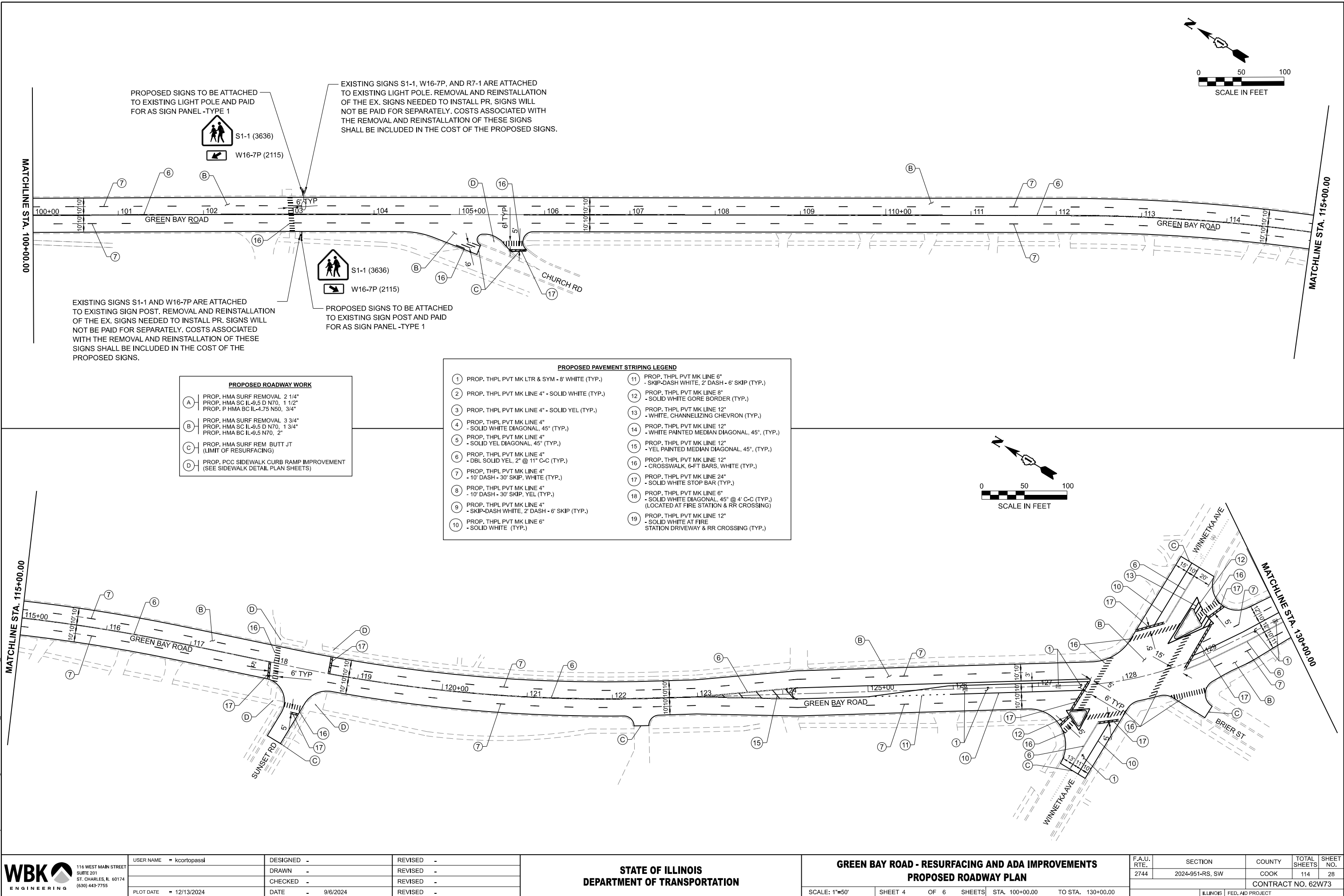
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

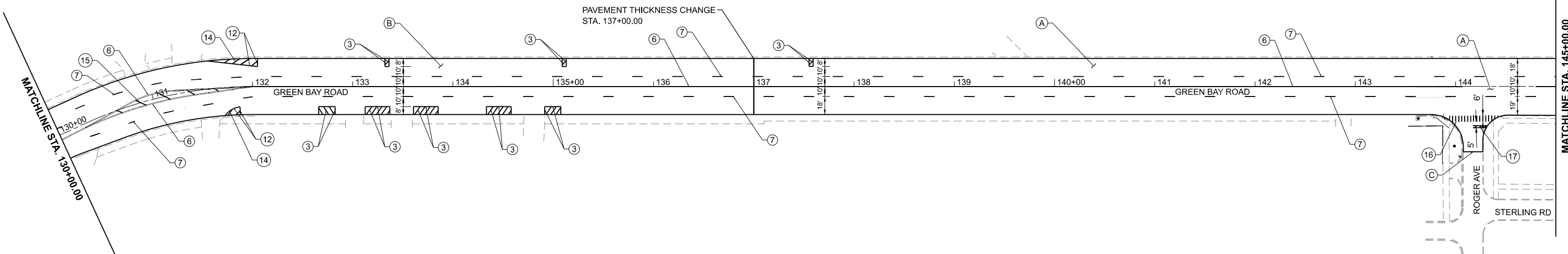
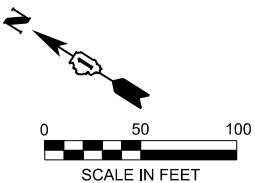
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
PROPOSED ROADWAY PLAN

SCALE: 1"=50' SHEET 3 OF 6 SHEETS STA. 70+00.00 TO STA. 100+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	27
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

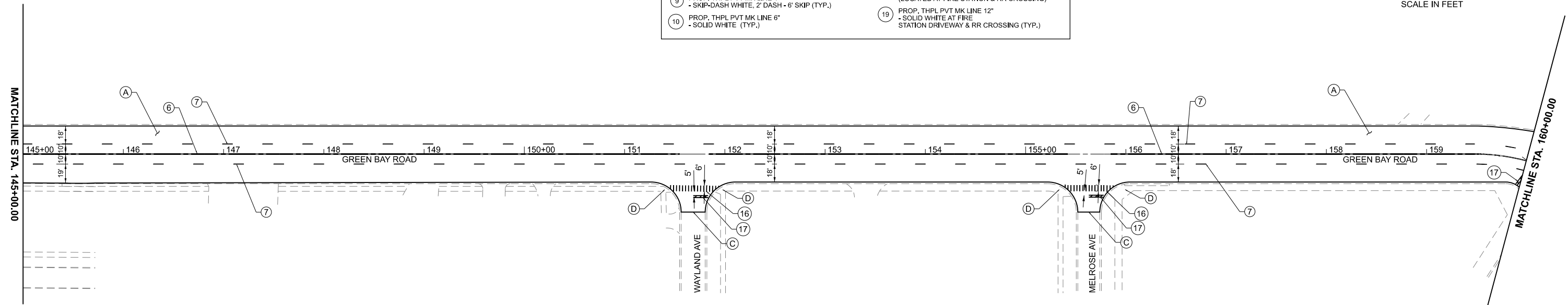
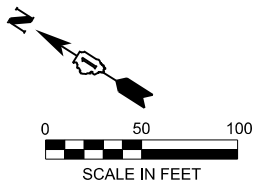
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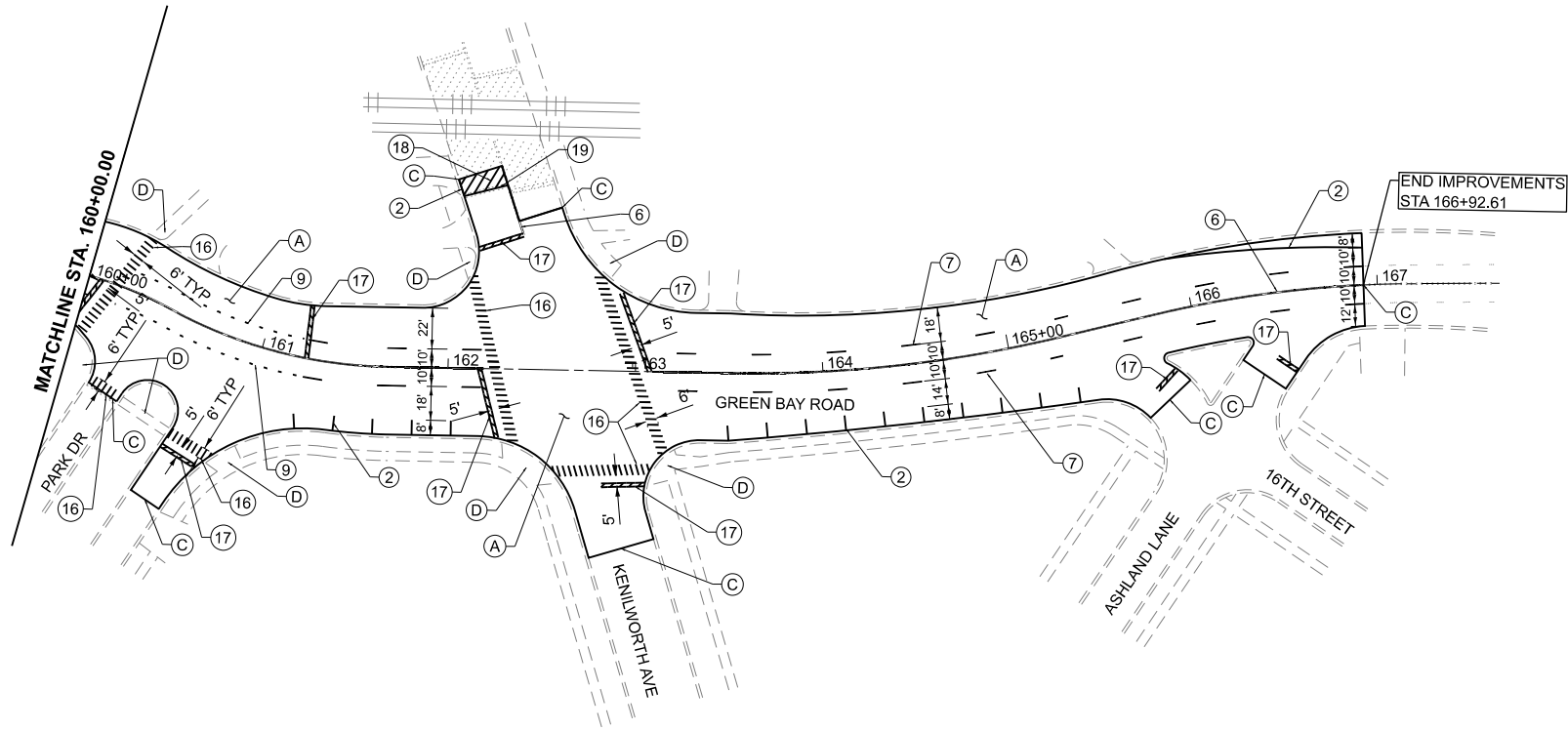
PROPOSED ROADWAY WORK	
(A)	PROP. HMA SURF REMOVAL 2 1/4" PROP. HMA SC IL-9.5 D N70, 1 1/2" PROP. P HMA BC IL-4.75 N50, 3/4"
(B)	PROP. HMA SURF REMOVAL 3 3/4" PROP. HMA SC IL-9.5 D N70, 1 3/4" PROP. HMA BC IL-9.5 N70, 2"
(C)	PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
(D)	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT (SEE SIDEWALK DETAIL PLAN SHEETS)

PROPOSED PAVEMENT STRIPING LEGEND	
(1) PROP. THPL PVT MK LTR & SYM - 8' WHITE (TYP.)	(11) PROP. THPL PVT MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
(2) PROP. THPL PVT MK LINE 4" - SOLID WHITE (TYP.)	(12) PROP. THPL PVT MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
(3) PROP. THPL PVT MK LINE 4" - SOLID YEL (TYP.)	(13) PROP. THPL PVT MK LINE 12" - WHITE, CHANNELIZING CHEVRON (TYP.)
(4) PROP. THPL PVT MK LINE 4" - SOLID WHITE DIAGONAL, 45° (TYP.)	(14) PROP. THPL PVT MK LINE 12" - WHITE PAINTED MEDIAN DIAGONAL, 45°, (TYP.)
(5) PROP. THPL PVT MK LINE 4" - SOLID YEL DIAGONAL, 45° (TYP.)	(15) PROP. THPL PVT MK LINE 12" - YEL PAINTED MEDIAN DIAGONAL, 45°, (TYP.)
(6) PROP. THPL PVT MK LINE 4" - DBL SOLID YEL, 2" @ 11" C-C (TYP.)	(16) PROP. THPL PVT MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)
(7) PROP. THPL PVT MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)	(17) PROP. THPL PVT MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
(8) PROP. THPL PVT MK LINE 4" - 10' DASH - 30' SKIP, YEL (TYP.)	(18) PROP. THPL PVT MK LINE 6" - SOLID WHITE DIAGONAL, 45° @ 4' C-C (TYP.) (LOCATED AT FIRE STATION & RR CROSSING)
(9) PROP. THPL PVT MK LINE 4" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)	(19) PROP. THPL PVT MK LINE 12" - SOLID WHITE AT FIRE STATION DRIVEWAY & RR CROSSING (TYP.)
(10) PROP. THPL PVT MK LINE 6" - SOLID WHITE (TYP.)	



MODEL: GREEN_BAY_RD_E - Sheet 5
FILE NAME: C:\Bentley\CONNECT101\Organization-Chil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = kcoriopassi		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED -		PROPOSED ROADWAY PLAN			2744	2024-951-RS, SW	COOK	114	29
			CHECKED -	REVISED -					CONTRACT NO. 62W73				
	PLOT DATE = 12/13/2024		DATE - 9/6/2024	REVISED -		SCALE: 1"=50'	SHEET 5	OF 6 SHEETS	STA. 130+00.00	TO STA. 160+00.00	ILLINOIS FED. AID PROJECT		



PROPOSED ROADWAY WORK	
(A)	PROP. HMA SURF REMOVAL 2 1/4" PROP. HMA SC IL-9.5 D N70, 1 1/2" PROP. P HMA BC IL-4.75 N50, 3/4"
(B)	PROP. HMA SURF REMOVAL 3 3/4" PROP. HMA SC IL-9.5 D N70, 1 3/4" PROP. HMA BC IL-9.5 N70, 2"
(C)	PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
(D)	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT (SEE SIDEWALK DETAIL PLAN SHEETS)

PROPOSED PAVEMENT STRIPING LEGEND	
(1) PROP. THPL PVT MK LTR & SYM - 8' WHITE (TYP.)	(11) PROP. THPL PVT MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
(2) PROP. THPL PVT MK LINE 4" - SOLID WHITE (TYP.)	(12) PROP. THPL PVT MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
(3) PROP. THPL PVT MK LINE 4" - SOLID YEL (TYP.)	(13) PROP. THPL PVT MK LINE 12" - WHITE, CHANNELIZING CHEVRON (TYP.)
(4) PROP. THPL PVT MK LINE 4" - SOLID WHITE DIAGONAL, 45° (TYP.)	(14) PROP. THPL PVT MK LINE 12" - WHITE PAINTED MEDIAN DIAGONAL, 45°, (TYP.)
(5) PROP. THPL PVT MK LINE 4" - SOLID YEL DIAGONAL, 45° (TYP.)	(15) PROP. THPL PVT MK LINE 12" - YEL PAINTED MEDIAN DIAGONAL, 45°, (TYP.)
(6) PROP. THPL PVT MK LINE 4" - DBL SOLID YEL, 2" @ 11" C-C (TYP.)	(16) PROP. THPL PVT MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)
(7) PROP. THPL PVT MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)	(17) PROP. THPL PVT MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
(8) PROP. THPL PVT MK LINE 4" - 10' DASH - 30' SKIP, YEL (TYP.)	(18) PROP. THPL PVT MK LINE 6" - SOLID WHITE DIAGONAL, 45° @ 4' C-C (TYP.) (LOCATED AT FIRE STATION & RR CROSSING)
(9) PROP. THPL PVT MK LINE 4" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)	(19) PROP. THPL PVT MK LINE 12" - SOLID WHITE AT FIRE STATION DRIVEWAY & RR CROSSING (TYP.)
(10) PROP. THPL PVT MK LINE 6" - SOLID WHITE (TYP.)	

MODEL: GREEN_BAY_RD_E - Sheet 6
FILE NAME: C:\Bentley\CONNECT101\Organization-Chil\DOT_Standards\Cell\DOT_Sheets.cad

WBK
ENGINEERING

116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

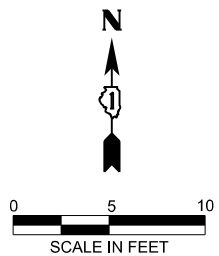
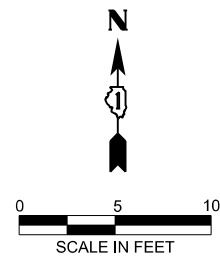
USER NAME = kcartopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/16/2025	DATE = 9/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
PROPOSED ROADWAY PLAN

SCALE: 1"=50' SHEET 6 OF 6 SHEETS STA. 160+00.00 TO STA. 166+92.61

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	30
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				



MODEL: General Notes Sheet
FILE NAME: Z:\2023\232331_PTB21\0-02_VarPhl\Projects\W02_62W73-GreenBayRd\09-CADD\3_Sheets\117524-sh-hada2.dgn

WBK

ENGINEERING

116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME	=	kcortopassi
DESIGNED	-	
DRAWN	-	
CHECKED	-	
DATE	-	9/6/2024
PLOT DATE	=	1/16/2025

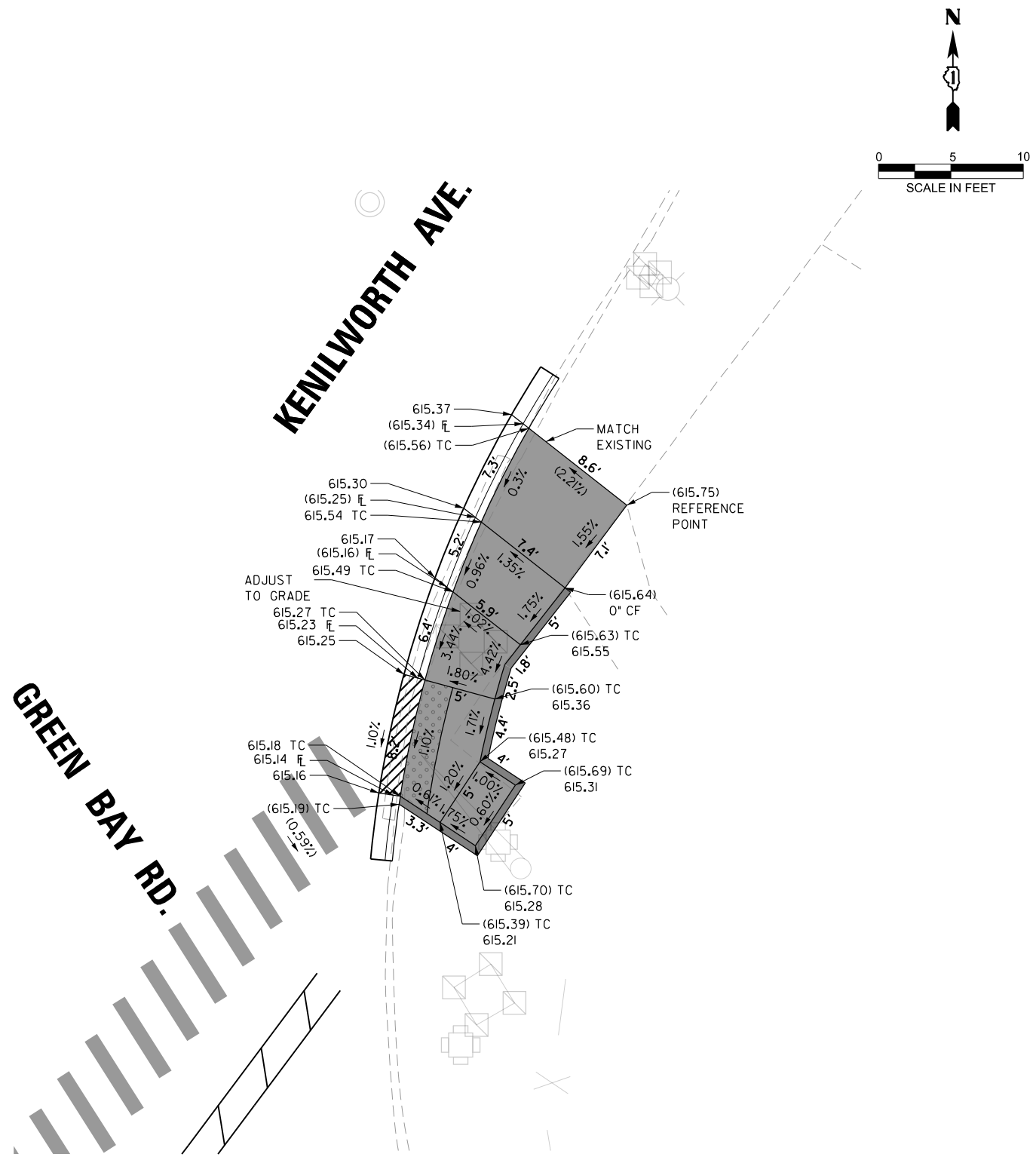
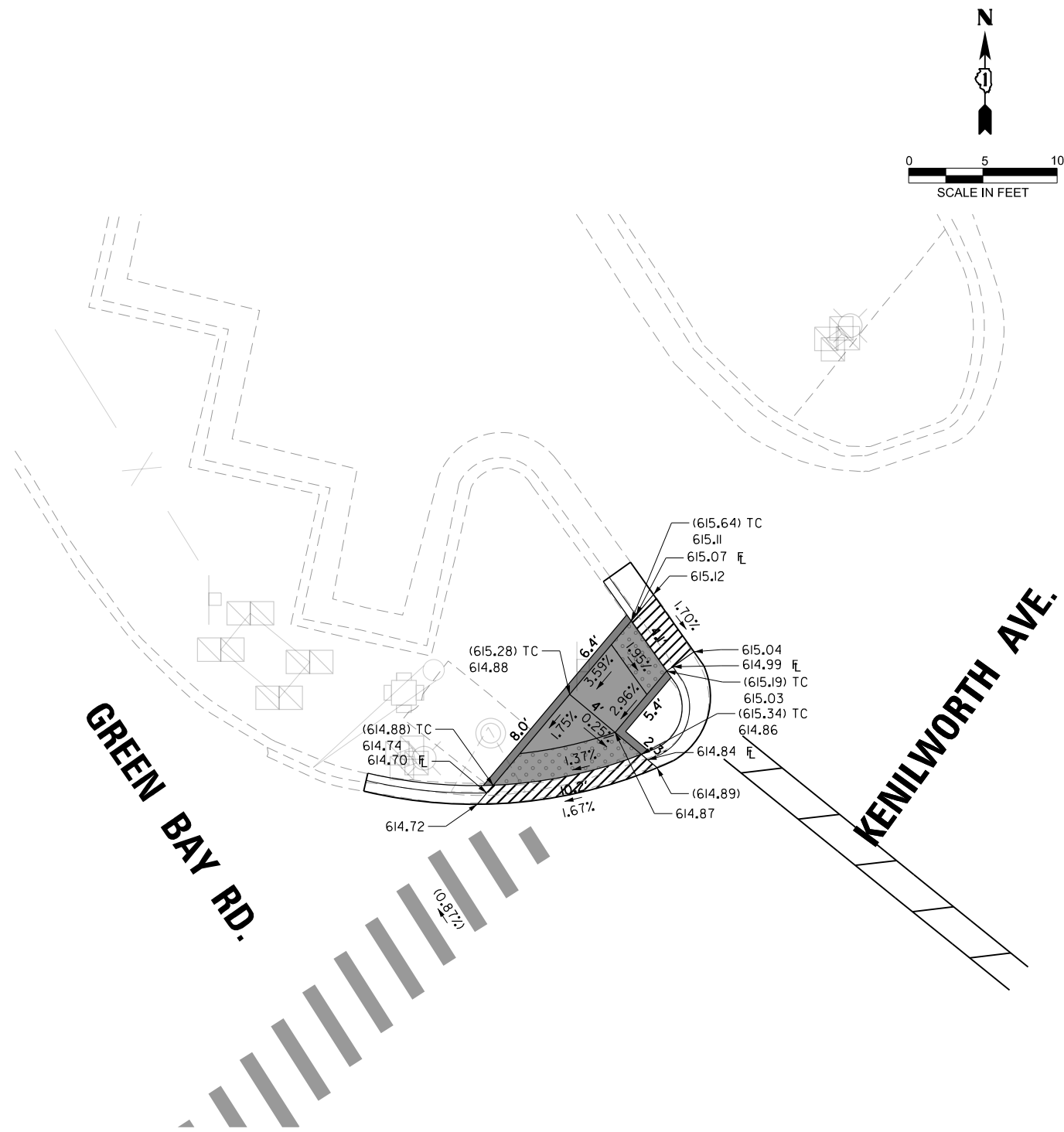
GREEN BAY RD AND KENILWORTH
AVE - NE ADA PLAN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

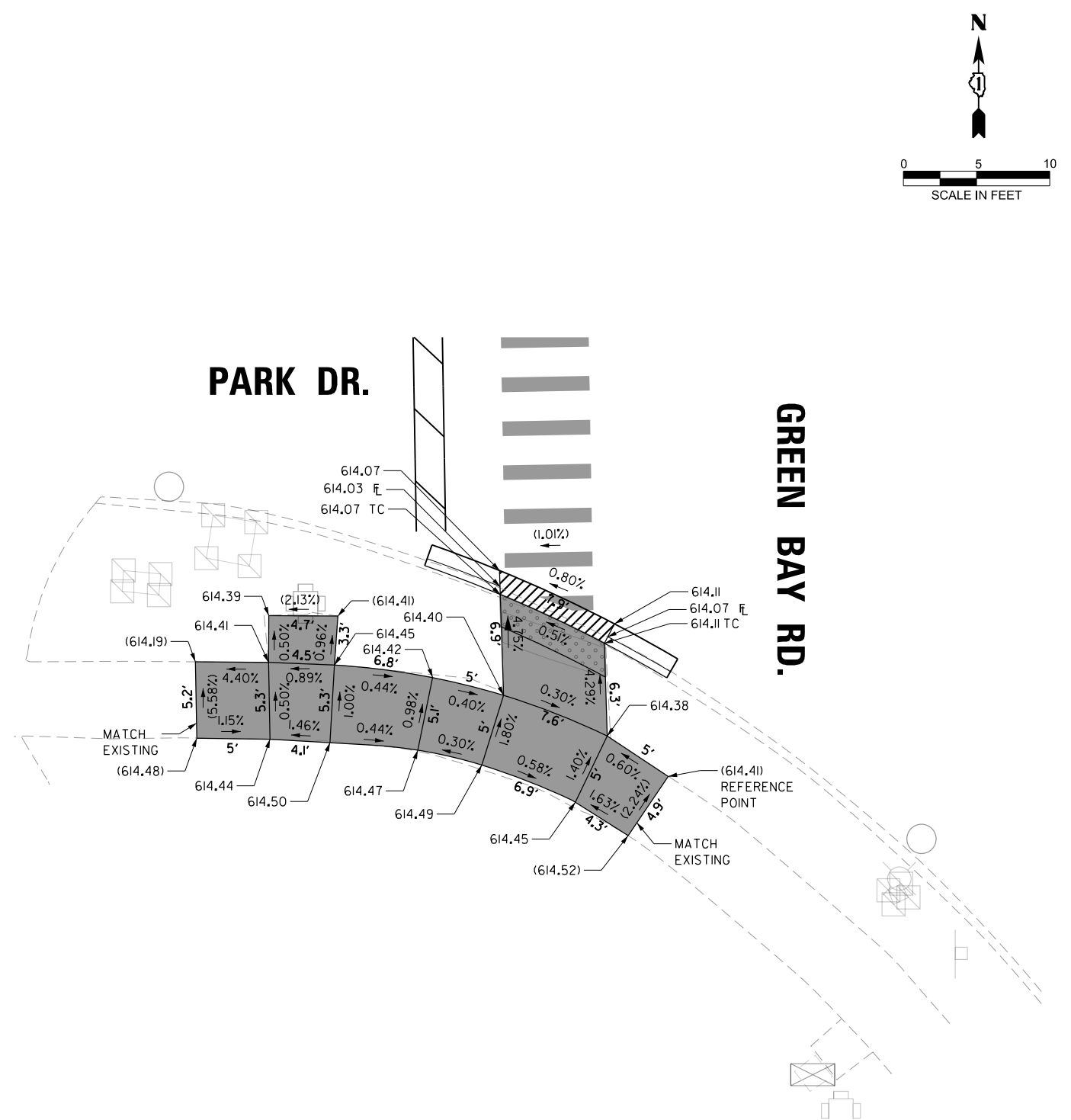
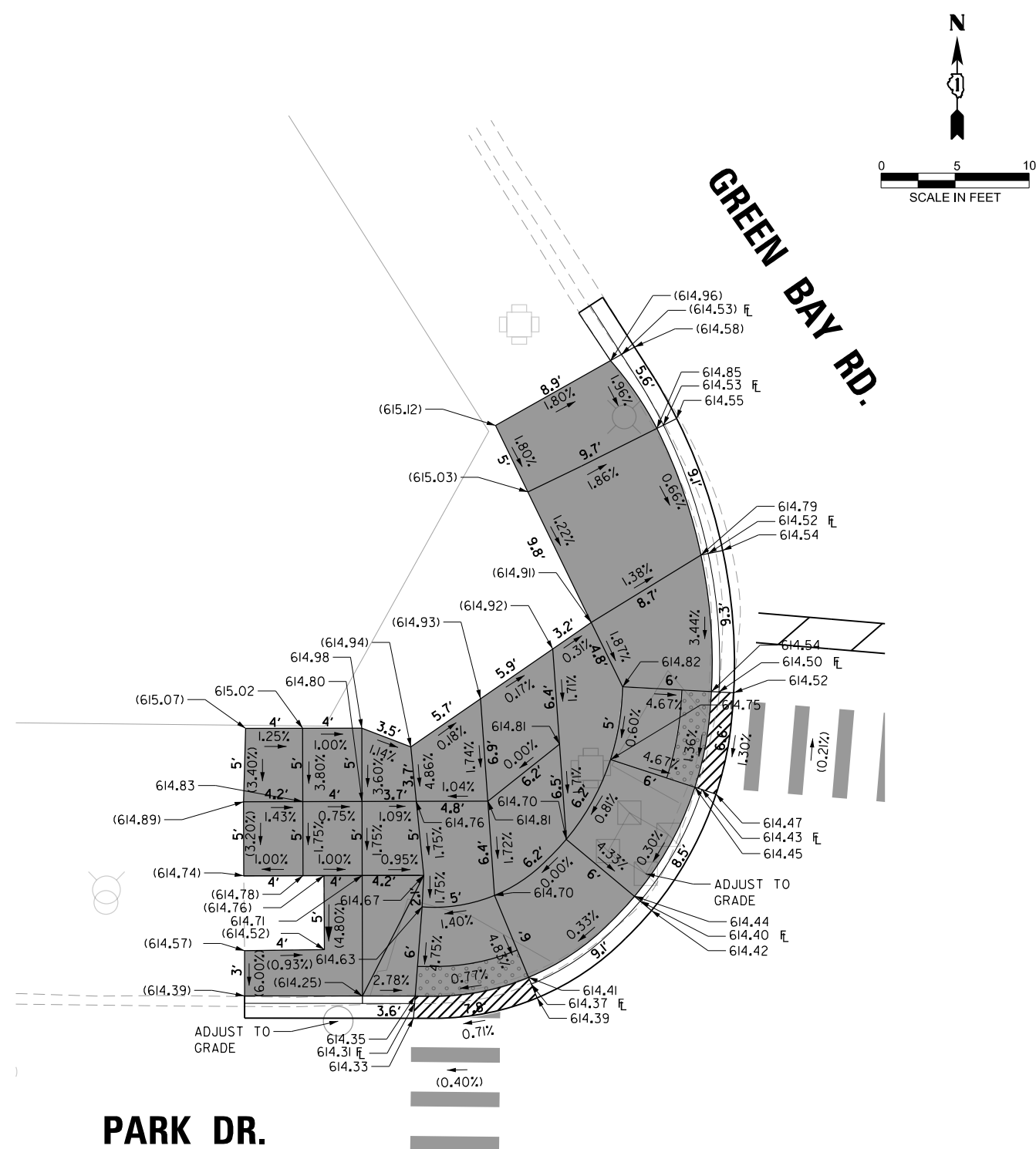
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

SCALE: 1"=5'	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				



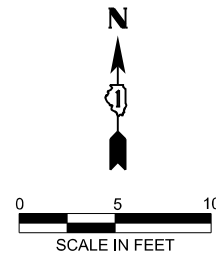
- LEGEND
- () EX. ELEVATION / SLOPE
 - PROPOSED SIDEWALK
 - DETECTABLE WARNINGS
 - SIDEWALK REMOVAL
 - DEPRESSED CURB AND GUTTER
 - PROPOSED SIDE CURB
 - PAVEMENT PATCHING



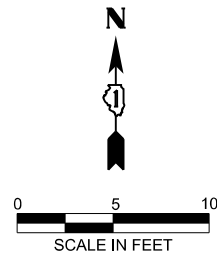
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()	EX. ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755 FILE NAME:	USER NAME = rskies	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS SIDEWALK DETAIL PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 1/16/2025	DATE = 9/6/2024	REVISED -		SCALE: 1"=5'	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	



MODEL: General Notes Sheet
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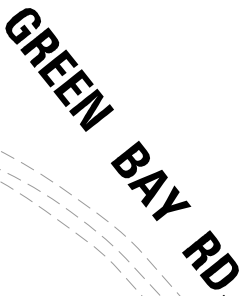
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	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = kcartopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS SIDEWALK DETAIL PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED -	REVISED -							
	PLOT DATE = 1/16/2025	DATE = 9/6/2024	REVISED -							
	SCALE: 1"=5'					SHEET	OF	SHEETS	STA.	TO STA.
					CONTRACT NO. 62W73					
					ILLINOIS FED. AID PROJECT					



GREEN BAY RD AND SUNSET RD NW ADA PLAN



GREEN BAY RD AND SUNSET RD SW ADA PLAN

LEGEND

() EX. ELEVATION / SLOPE

PROPOSED SIDEWALK

 DETECTABLE WARNING SIDEWALK REMOVAL DEPRESSED CURB AND GUTTER

PROPOSED SIDE CURB

 PAVEMENT PATCHING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENT SIDEWALK DETAIL PLAN

SCALE: 1"=5'

SHR

OF

SHE

STA

TO STA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	35
		CONTRACT NO. 62W73		

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WBK

ENGINEERING

116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = kcartopassi

DESIGNED -
DRAWN -
CHECKED -
DATE = 1/16/2025

DESIGNED -
REVISED -
REVISED -
REVISED -

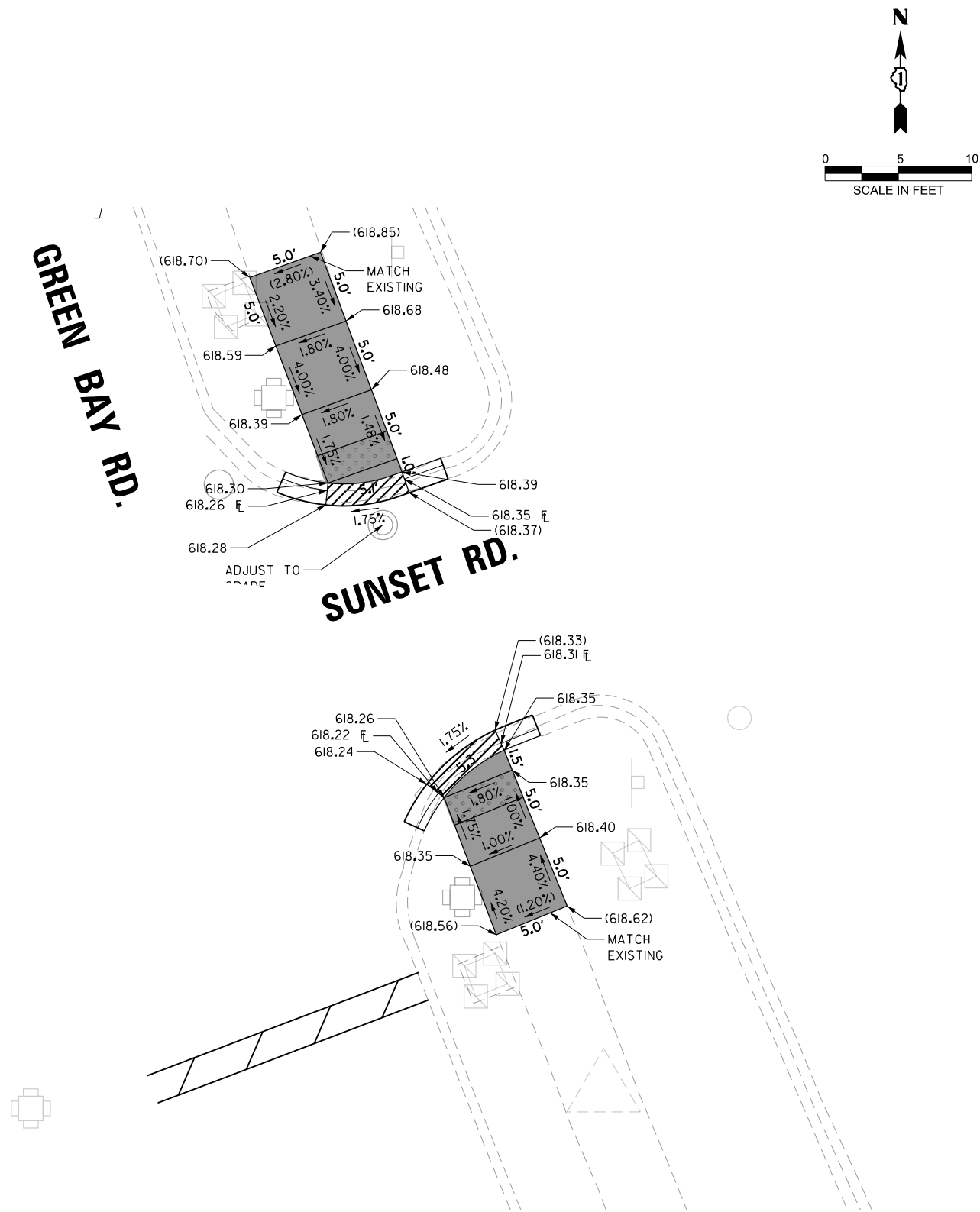
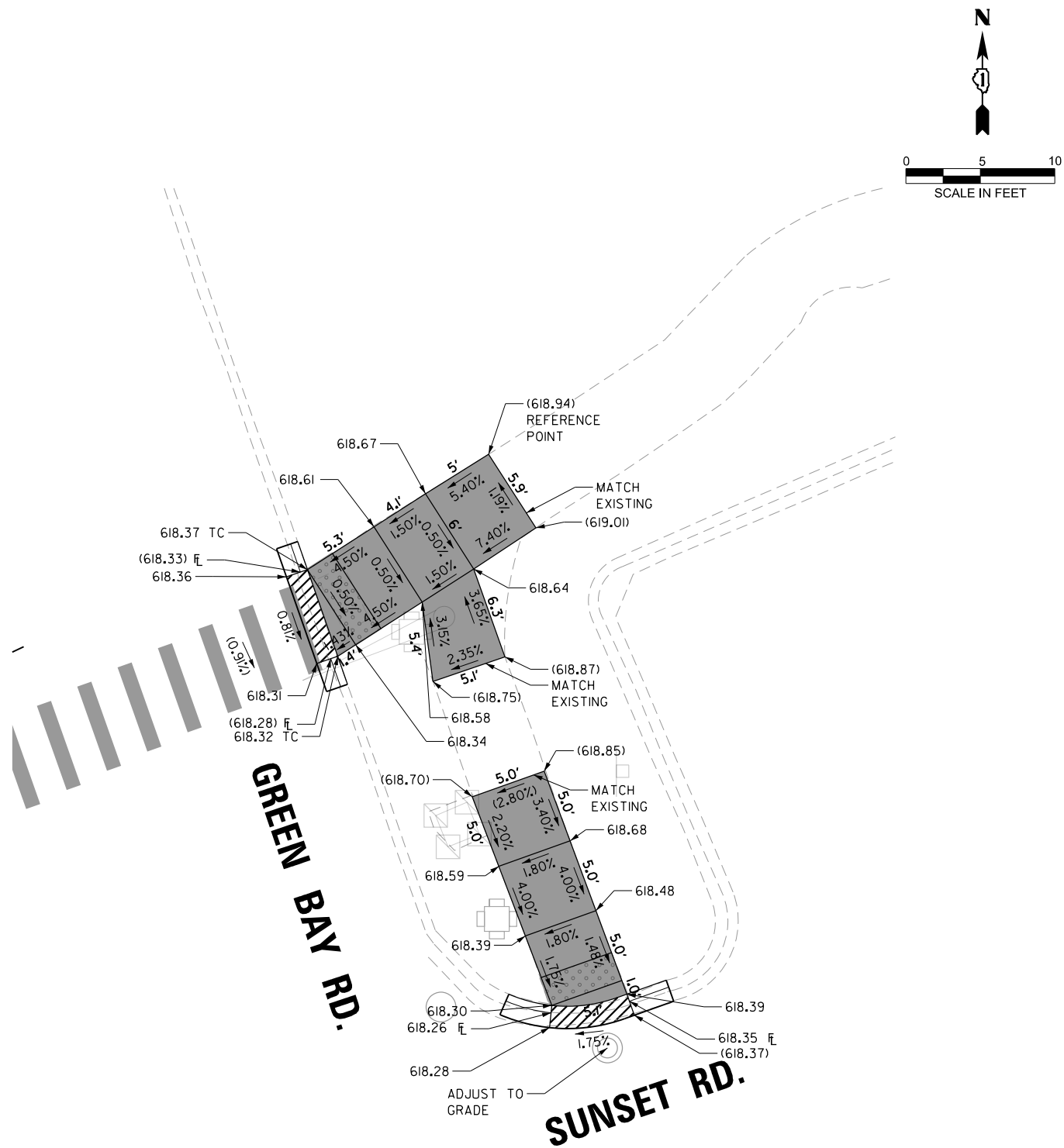
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REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	36
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				



MODEL: General Notes Sheet
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116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

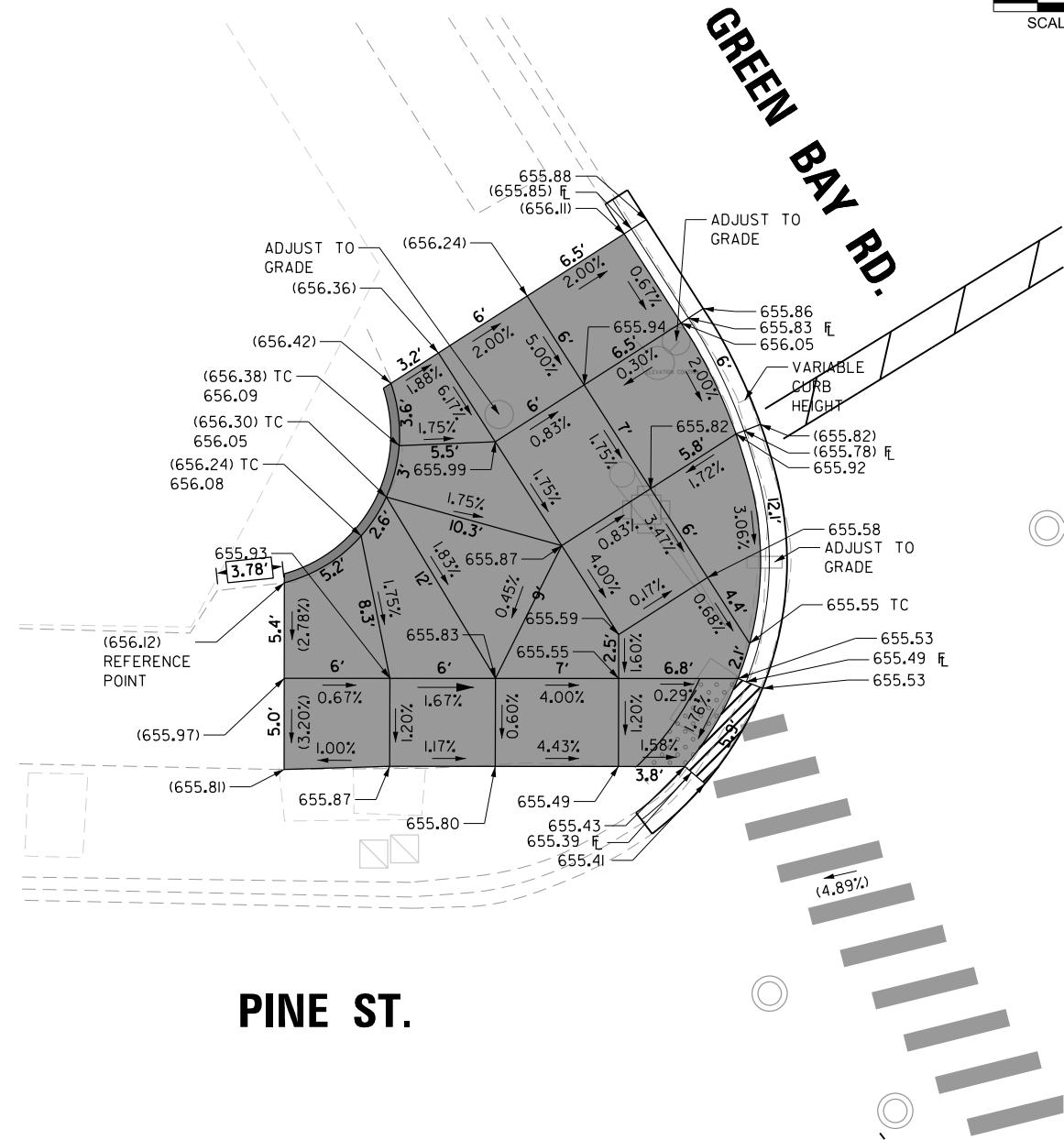
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	DRAWN -	REVISED -
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PLOT DATE = 1/16/2025	DATE = 9/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

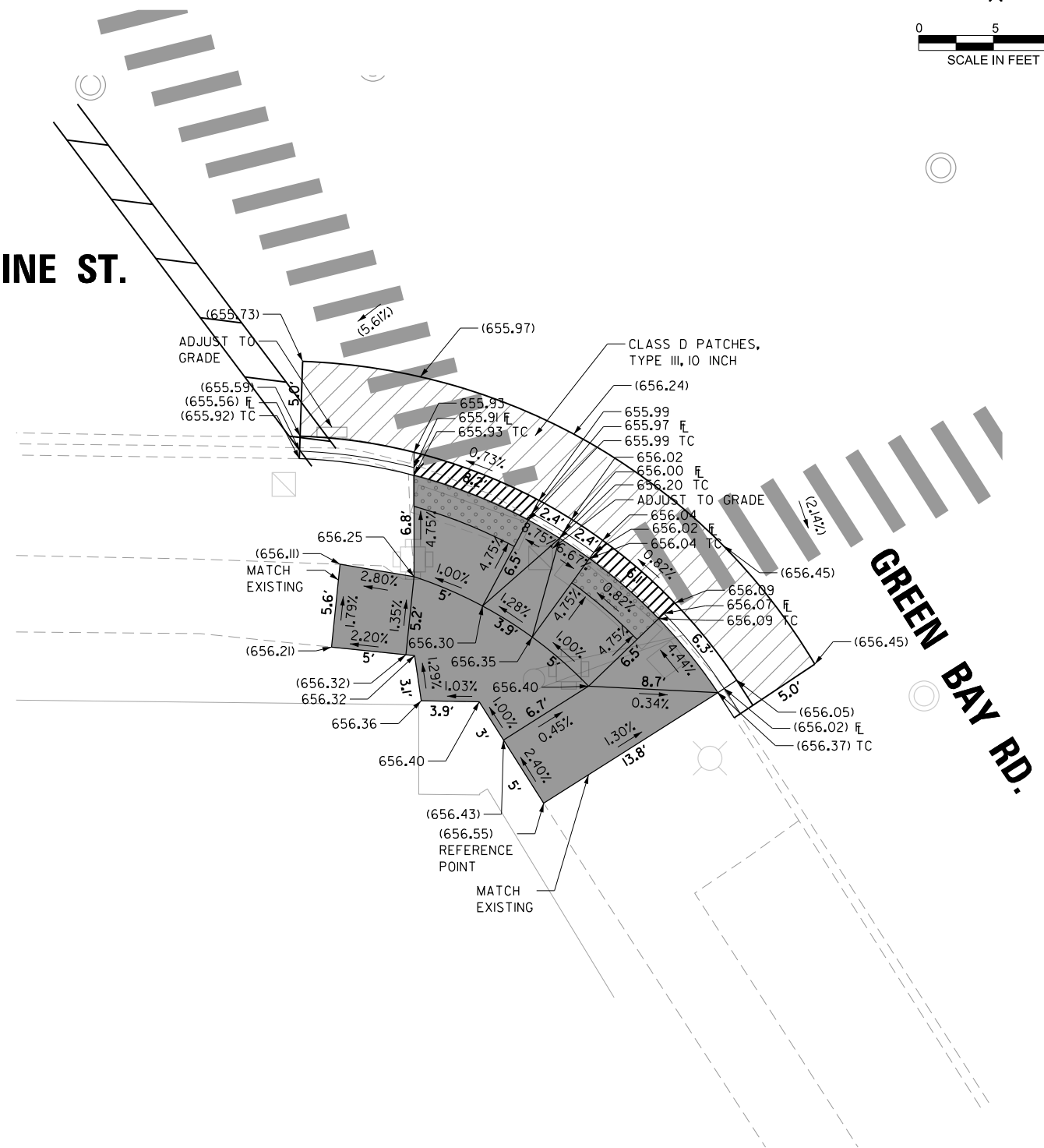
SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

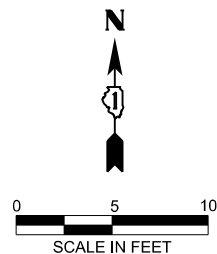


GREEN BAY RD AND PINE ST - NW
ADA PLAN

PINE ST.

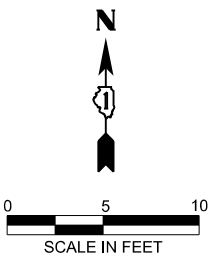


GREEN BAY RD AND PINE ST - SW
ADA PLAN



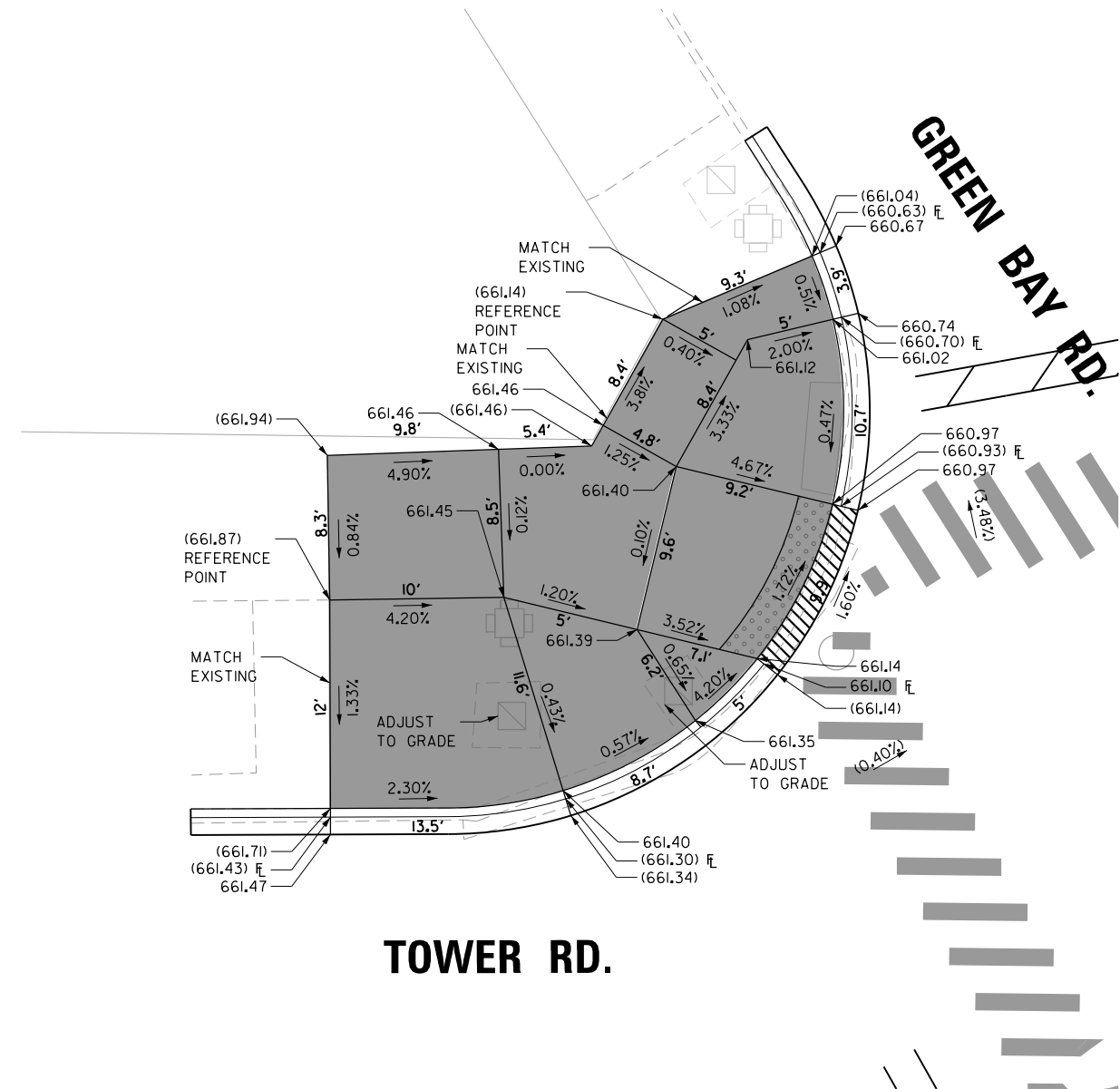
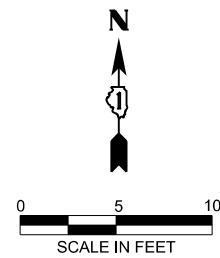
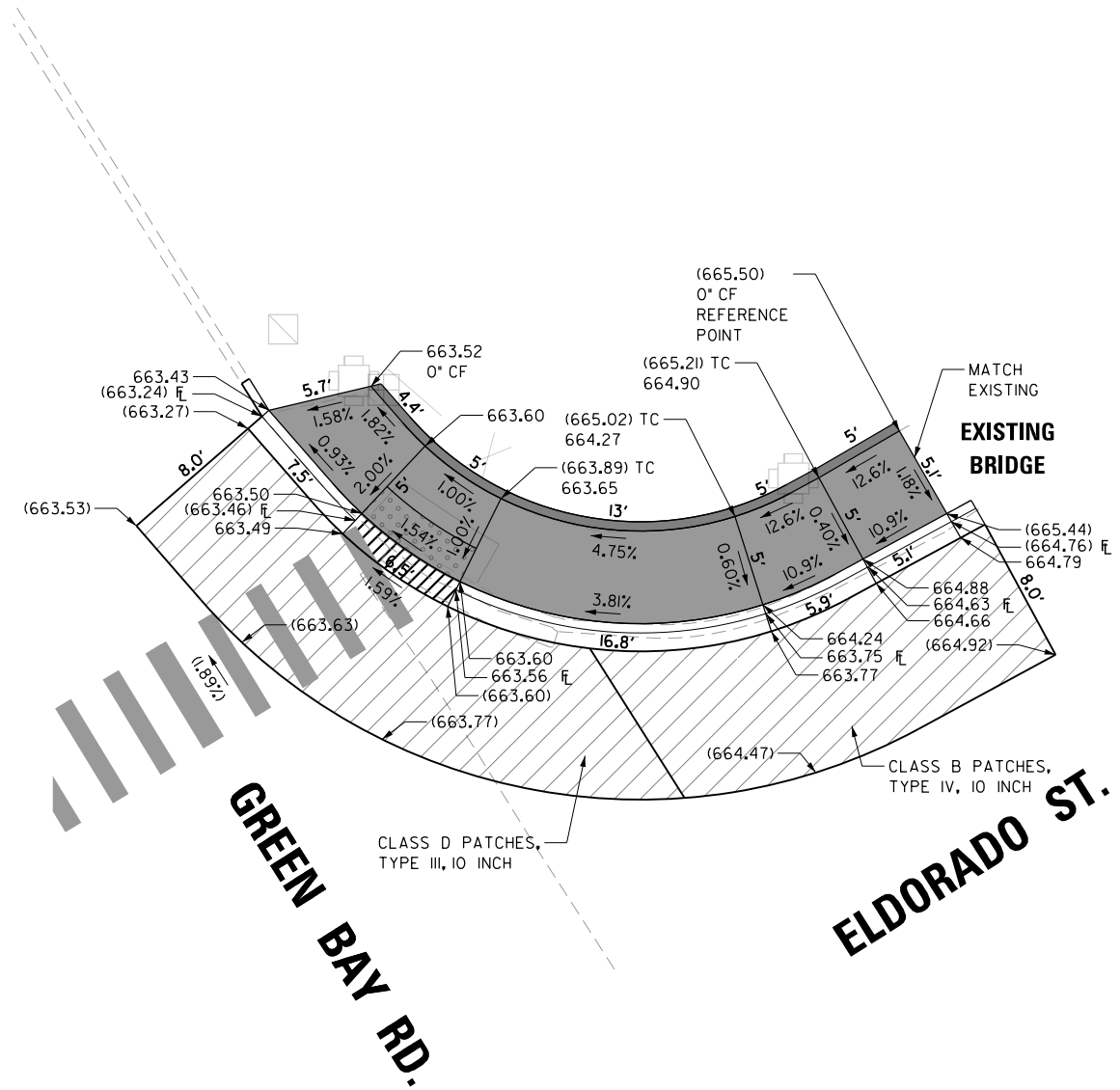
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	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING



LEGEND

()	EX. ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING



LEGEND

()	EX. ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING

MODEL: General Notes Sheet
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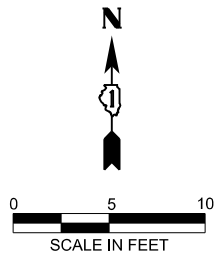
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PLOT DATE =	1/16/2025	DATE -	9/6/2024
		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

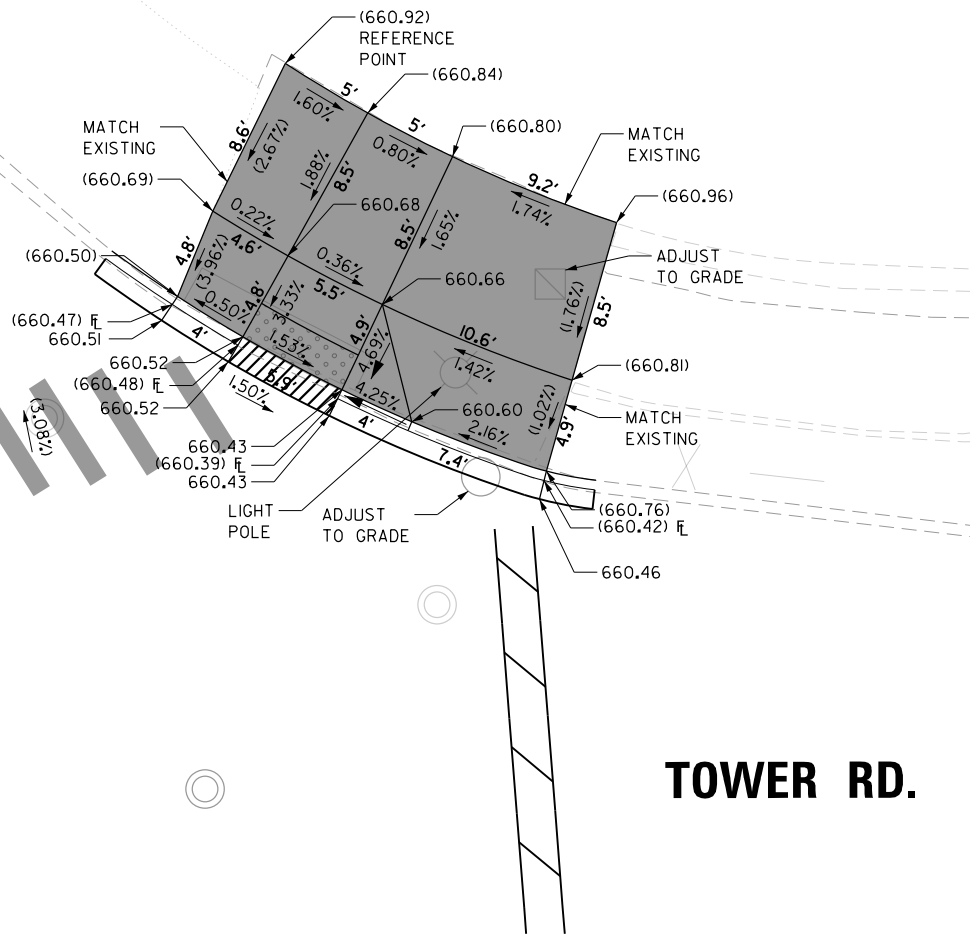
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

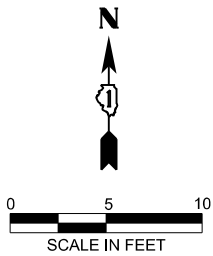
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CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				



GREEN BAY RD.

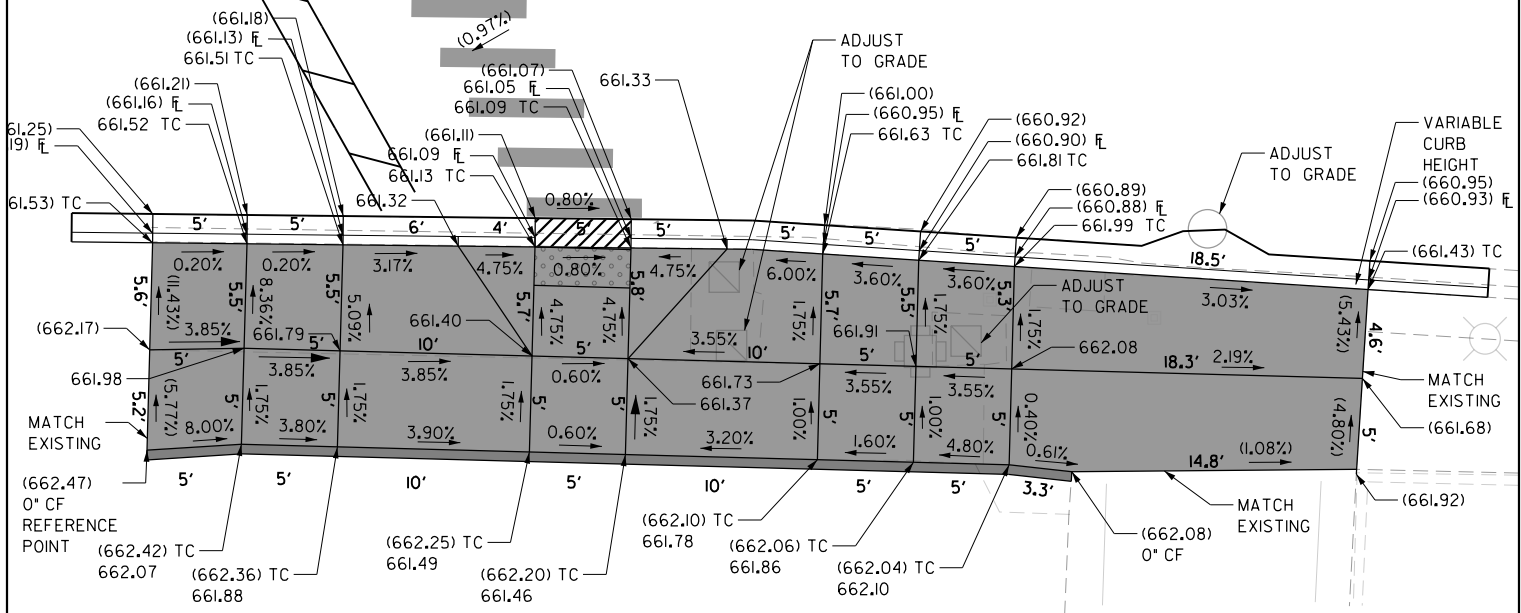


GREEN BAY RD AND TOWER RD
(WEST) - NE ADA PLAN



GREEN BAY RD.

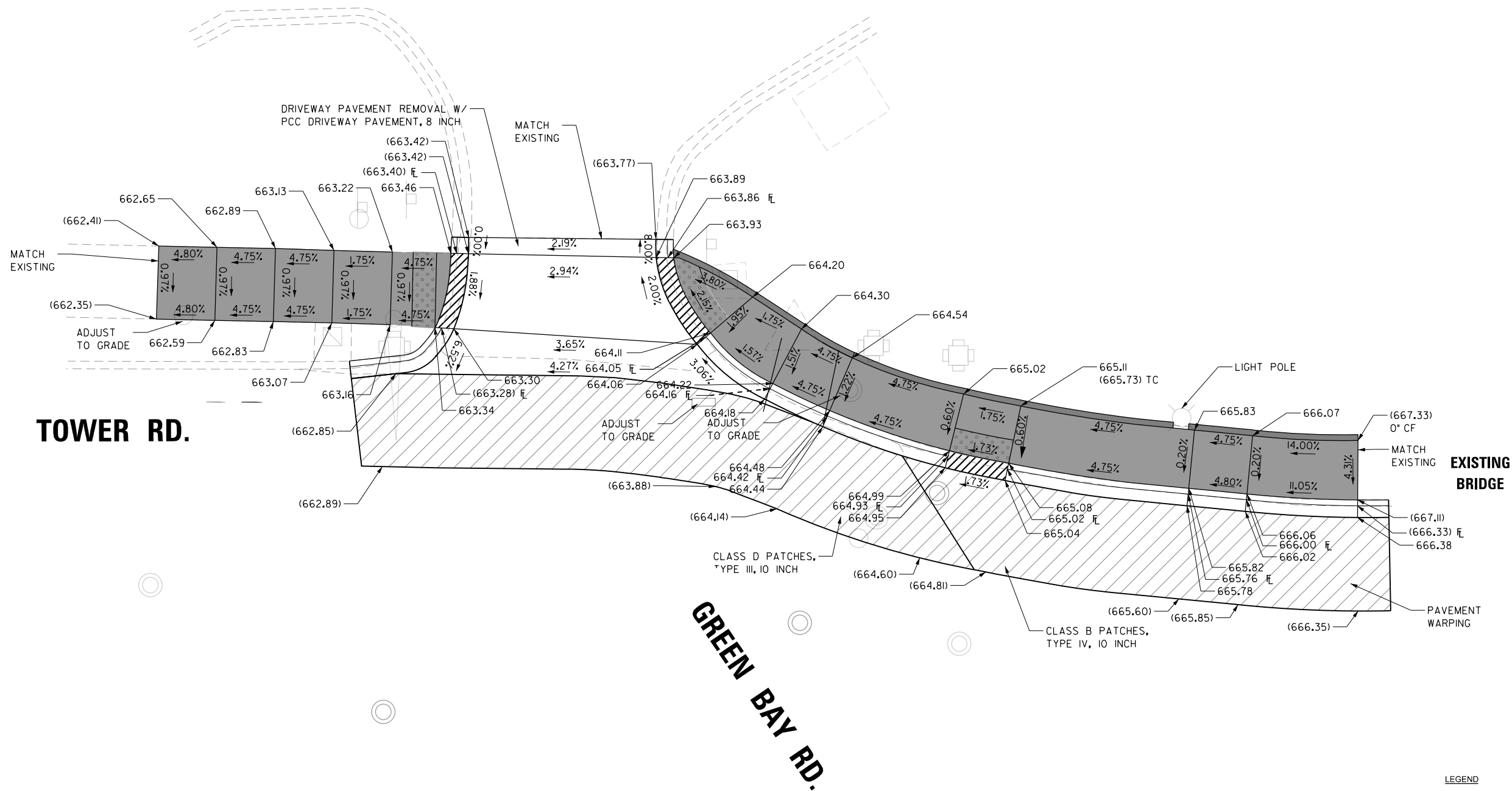
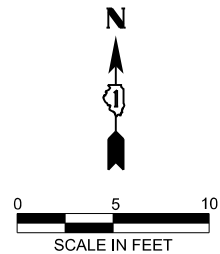
TOWER RD.



GREEN BAY RD AND TOWER RD
(WEST) - SW ADA PLAN

LEGEND

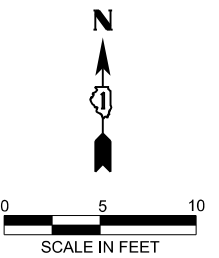
- () EX. ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- PROPOSED SIDE CURB
- PAVEMENT PATCHING



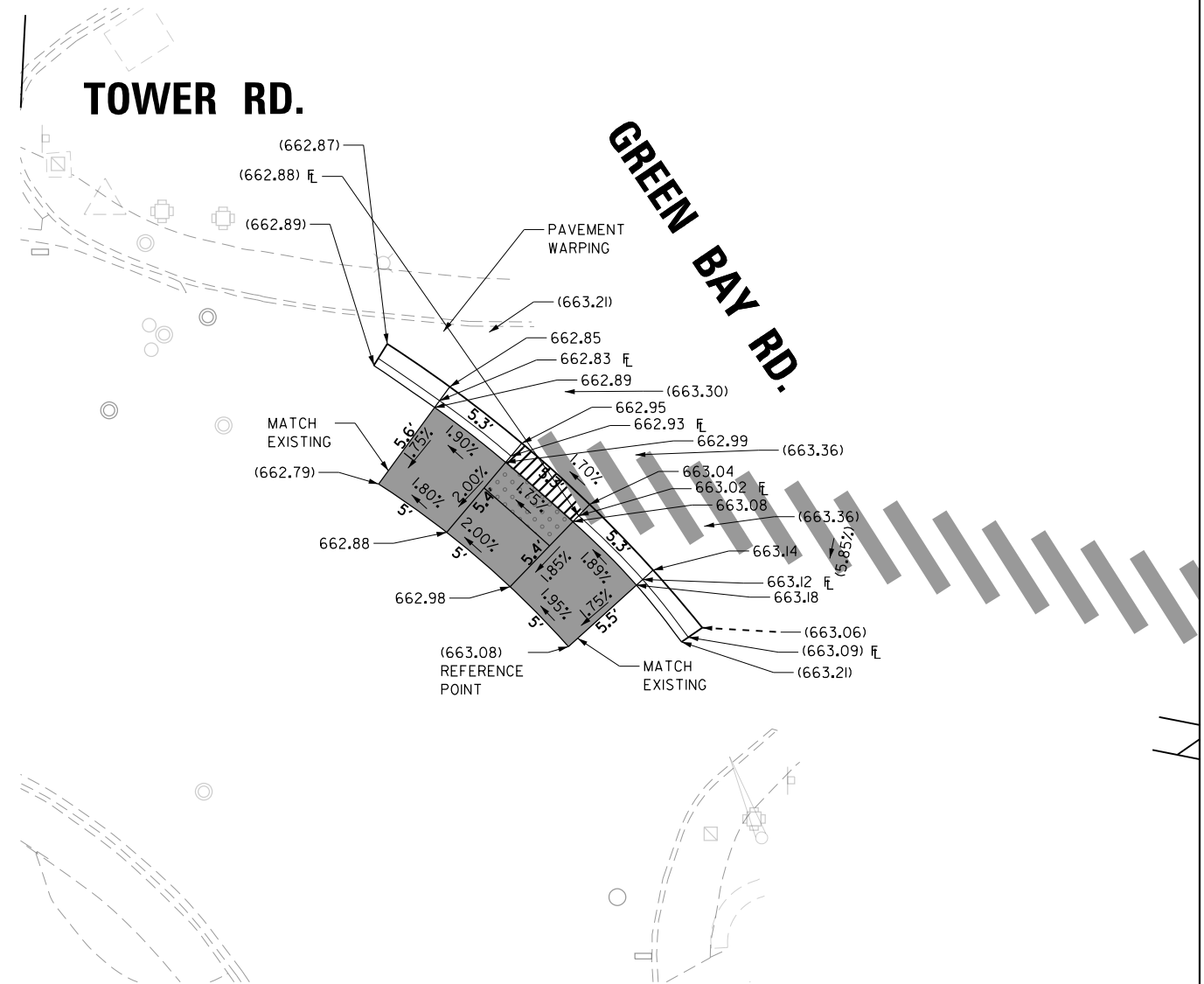
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()	EX. ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING

MODEL: General Notes Sheet
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 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = rsikes		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED -		SIDEWALK DETAIL PLAN		2744	2024-951-RS, SW	COOK	114	41
			CHECKED -	REVISED -				CONTRACT NO. 62W73				
	PLOT DATE = 1/16/2025		DATE = 9/6/2024	REVISED -		SCALE: 1"=5'	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



TOWER RD.



GREEN BAY RD AND TOWER RD - SW ADA PLAN

LEGEND

()	EX. ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	42
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

MODEL: General Notes Sheet
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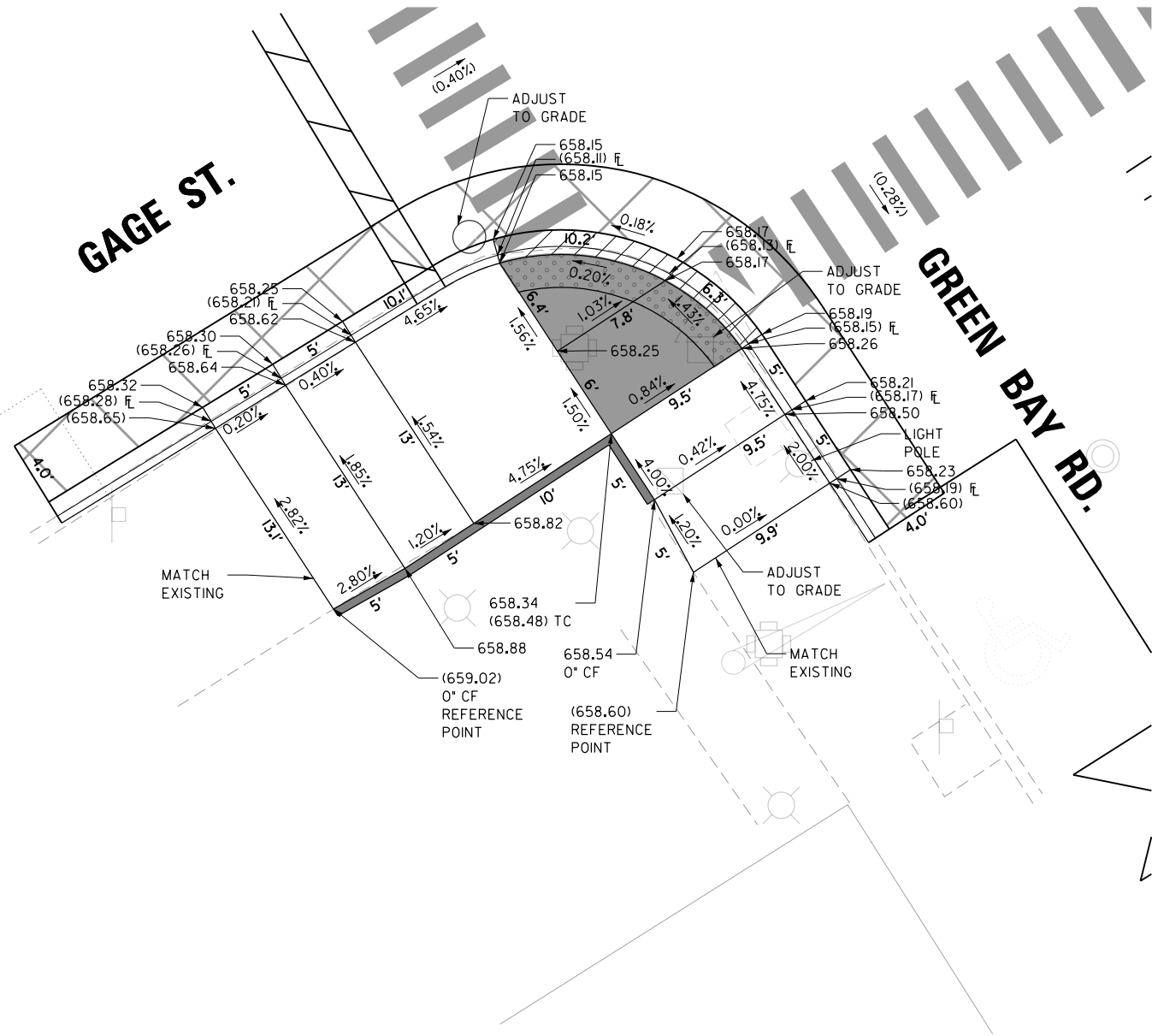
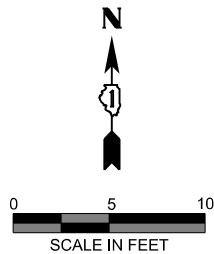
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

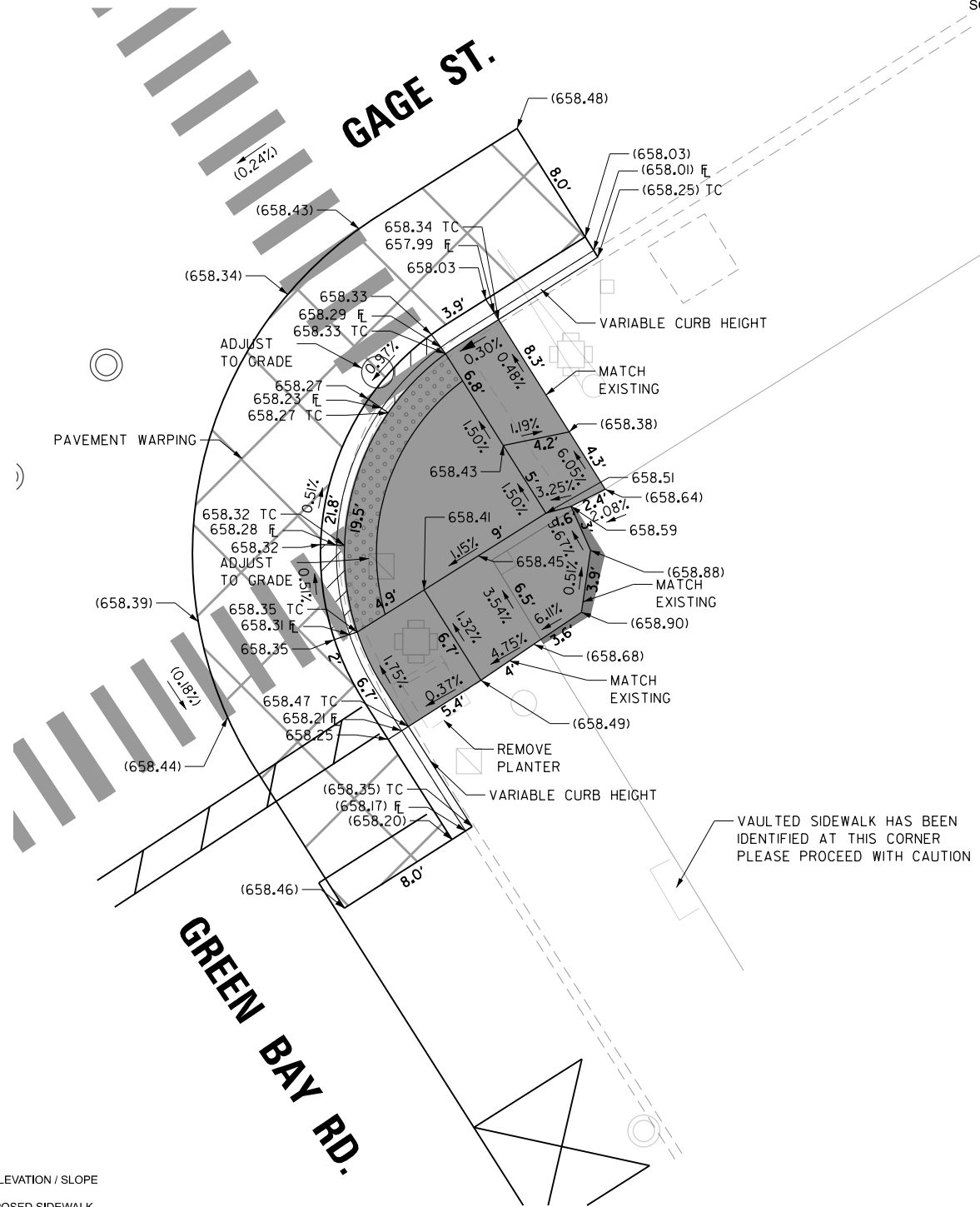
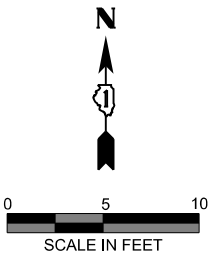
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	44
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

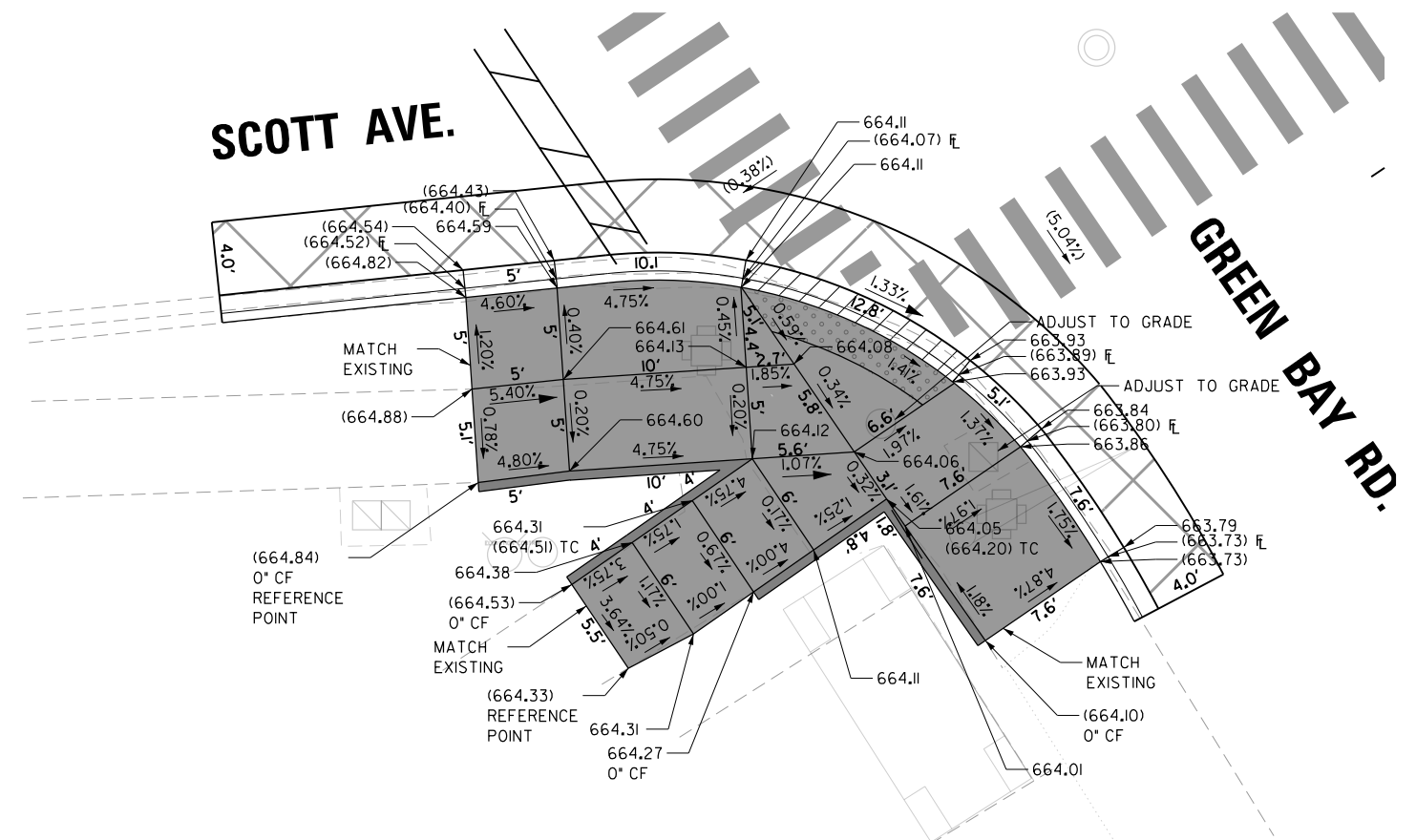
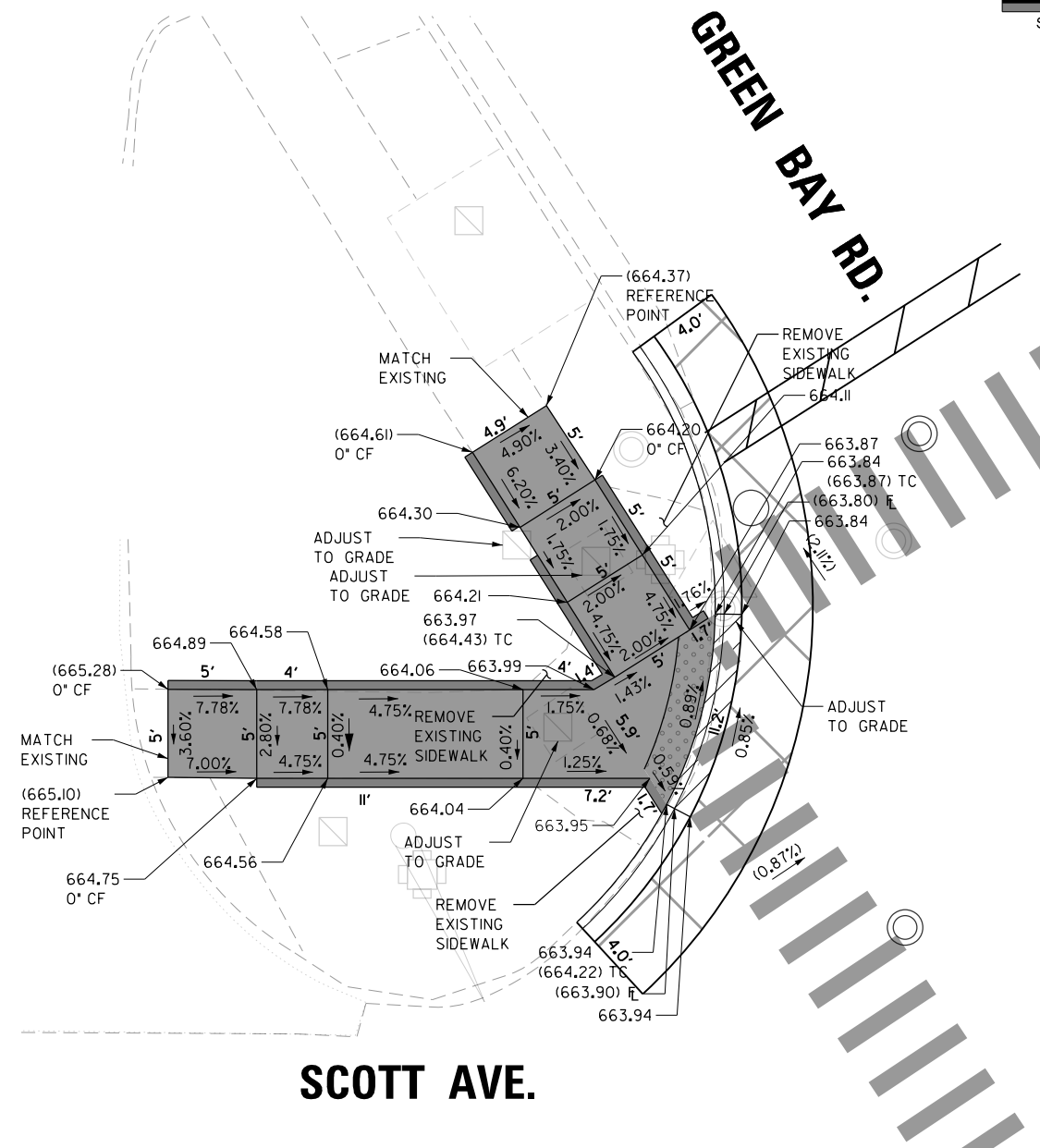


GREEN BAY RD AND GAGE
ST - SW ADA PLAN



GREEN BAY RD AND GAGE
ST - SE ADA PLAN

- LEGEND
- () EX. ELEVATION / SLOPE
 - PROPOSED SIDEWALK
 - DETECTABLE WARNINGS
 - SIDEWALK REMOVAL
 - DEPRESSED CURB AND GUTTER
 - PROPOSED SIDE CURB
 - PAVEMENT PATCHING

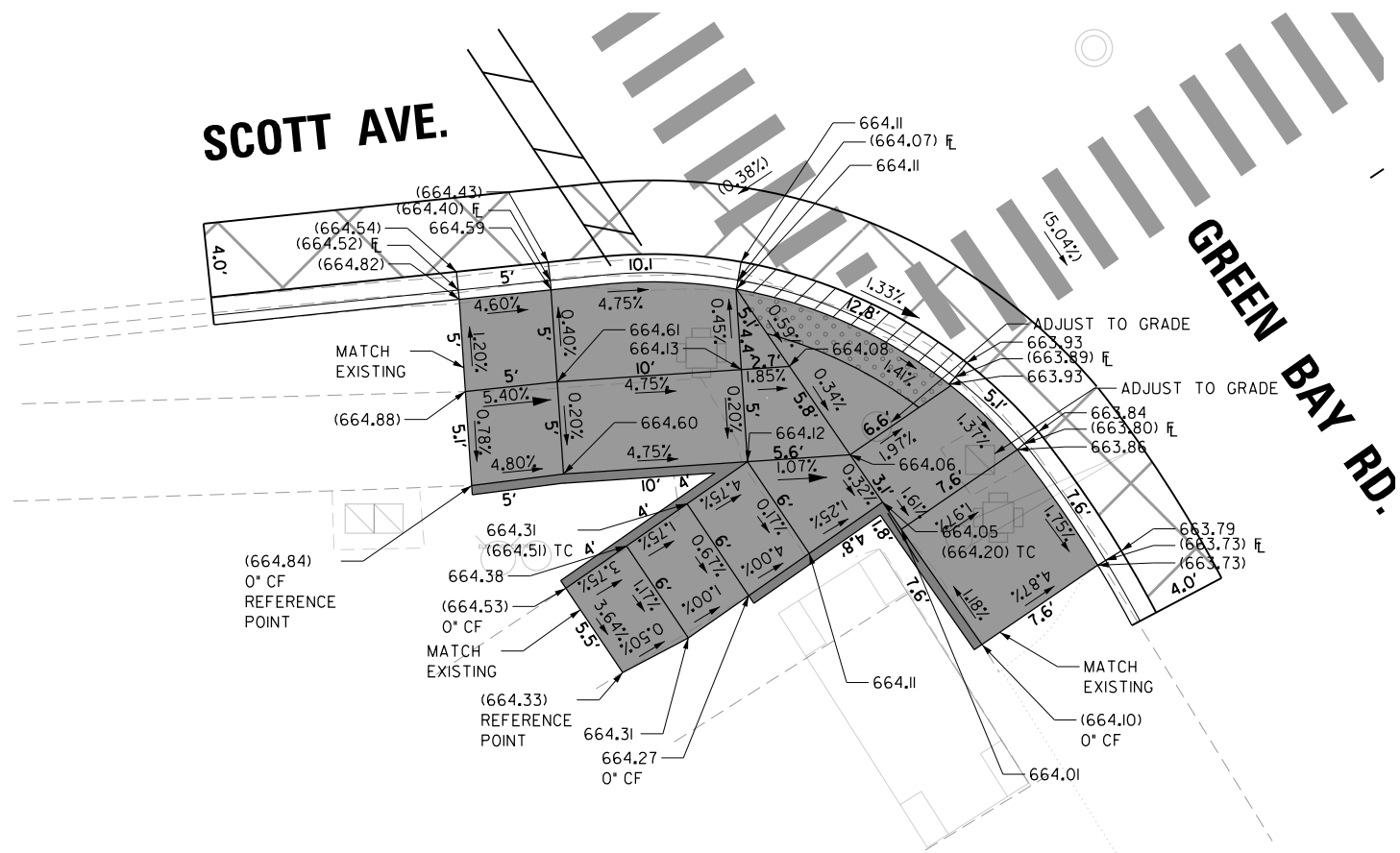
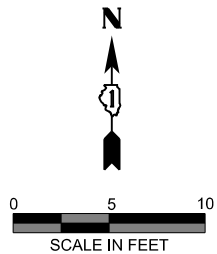


LEGEND	
()	EX. ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING

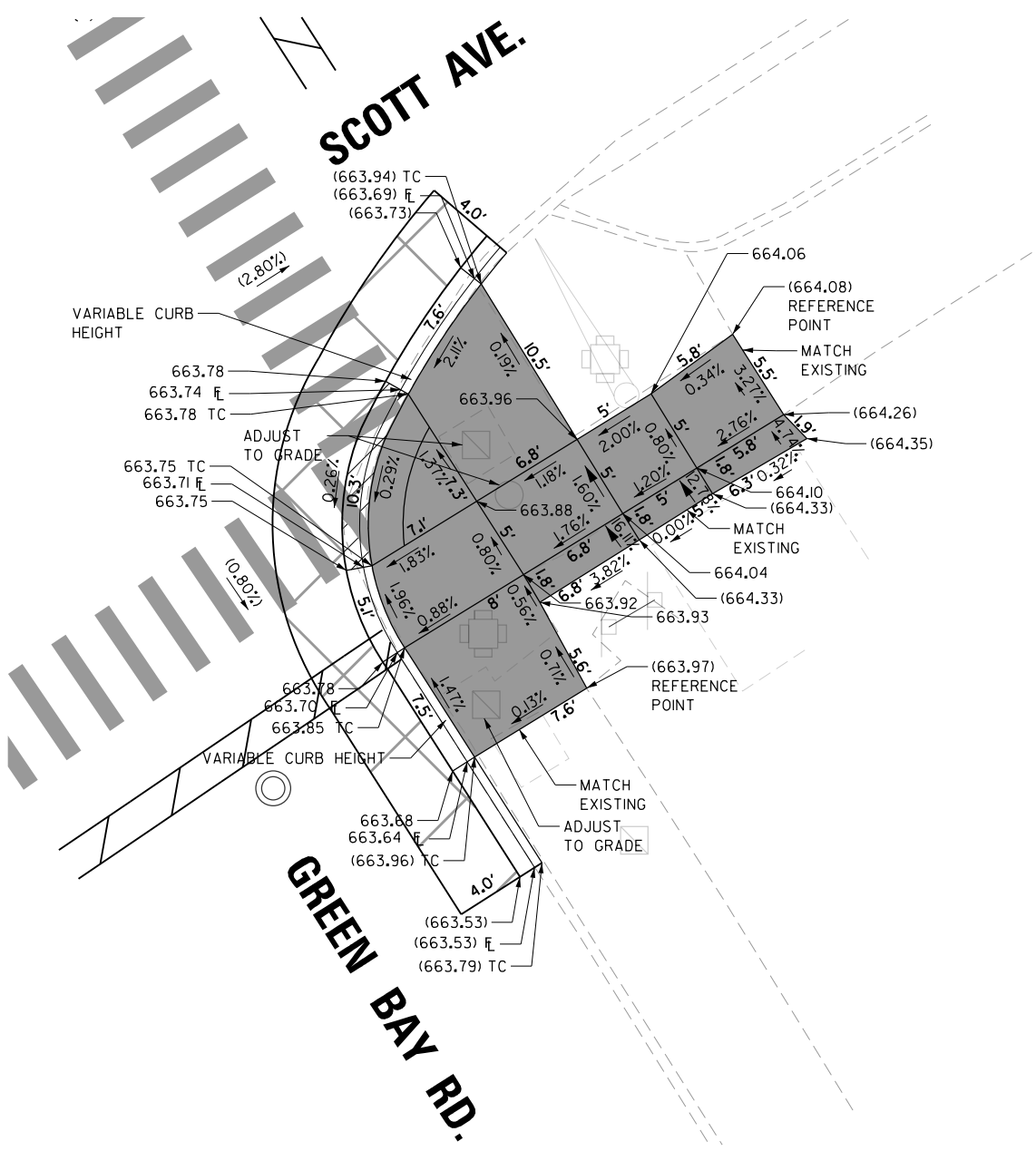
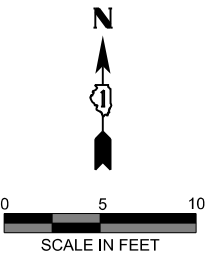
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS SIDEWALK DETAIL PLAN				
SCALE: 1"=5'	SHEET	OF	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	45
		CONTRACT NO. 62W73		
ILLINOIS		FED. AID PROJECT		



GREEN BAY RD AND SCOTT AVE - SW ADA PLAN



GREEN BAY RD AND SCOTT AVE - SE ADA PLAN

- LEGEND
- () EX. ELEVATION / SLOPE
 - PROPOSED SIDEWALK
 - DETECTABLE WARNINGS
 - SIDEWALK REMOVAL
 - DEPRESSED CURB AND GUTTER
 - PROPOSED SIDE CURB
 - PAVEMENT PATCHING

MODEL: General Notes Sheet
FILE NAME: Z:\2023\232331_PTB21\002_VarPlan\Projects\W02_62W73-GreenBayRd\09-CADD\3_Sheets\117524-shh-data16.dgn

116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = kcoortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE = 12/13/2024	REVISED -
PLOT DATE = 12/13/2024		DATE = 9/6/2024
		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	46
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

MODEL: General Notes Sheet
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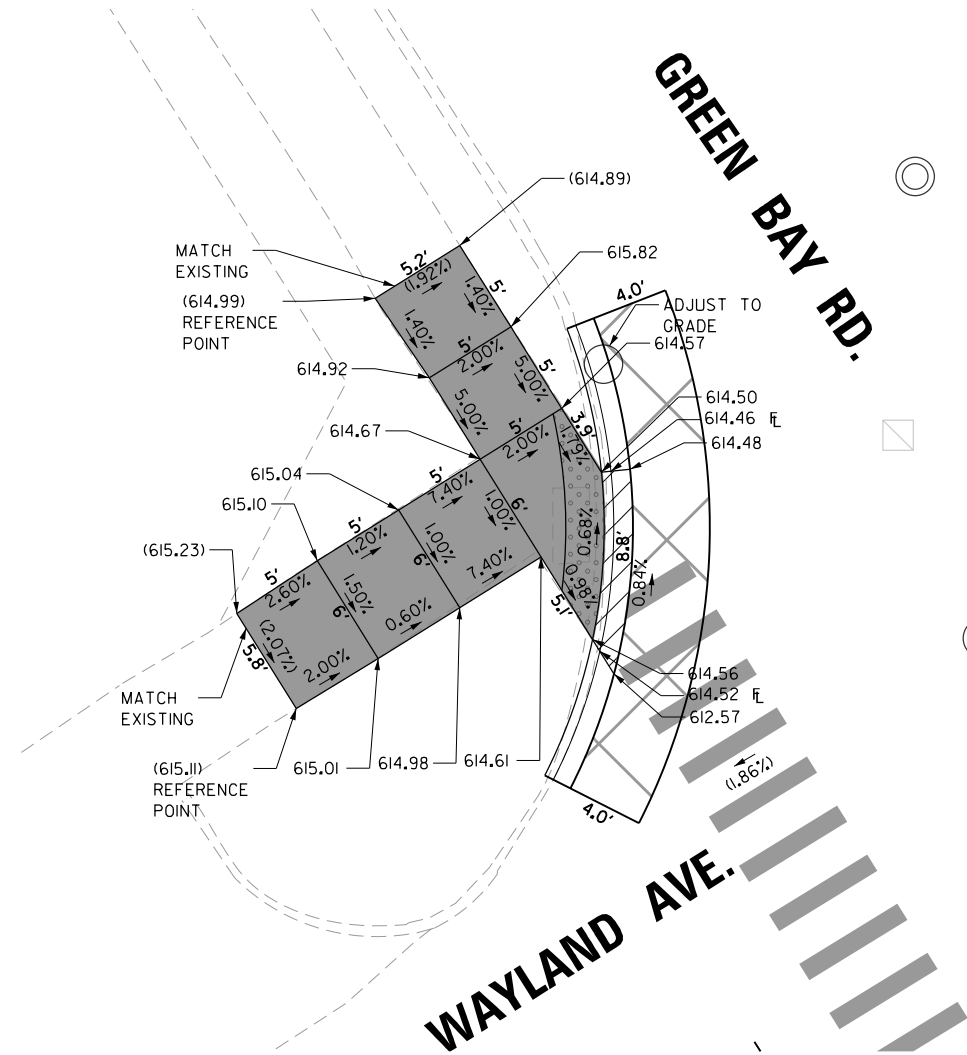
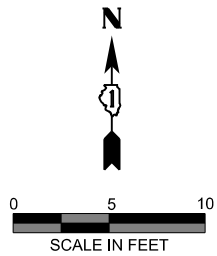
WBK

ENGINEERING

116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = kcartopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE - 9/6/2024	REVISED -
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -

GREEN BAY RD AND WAYLAND
AVE - NW ADA PLAN



- LEGEND
- () EX. ELEVATION / SLOPE
 - PROPOSED SIDEWALK
 - DETECTABLE WARNINGS
 - SIDEWALK REMOVAL
 - DEPRESSED CURB AND GUTTER
 - PROPOSED SIDE CURB
 - PAVEMENT PATCHING

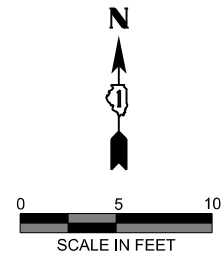
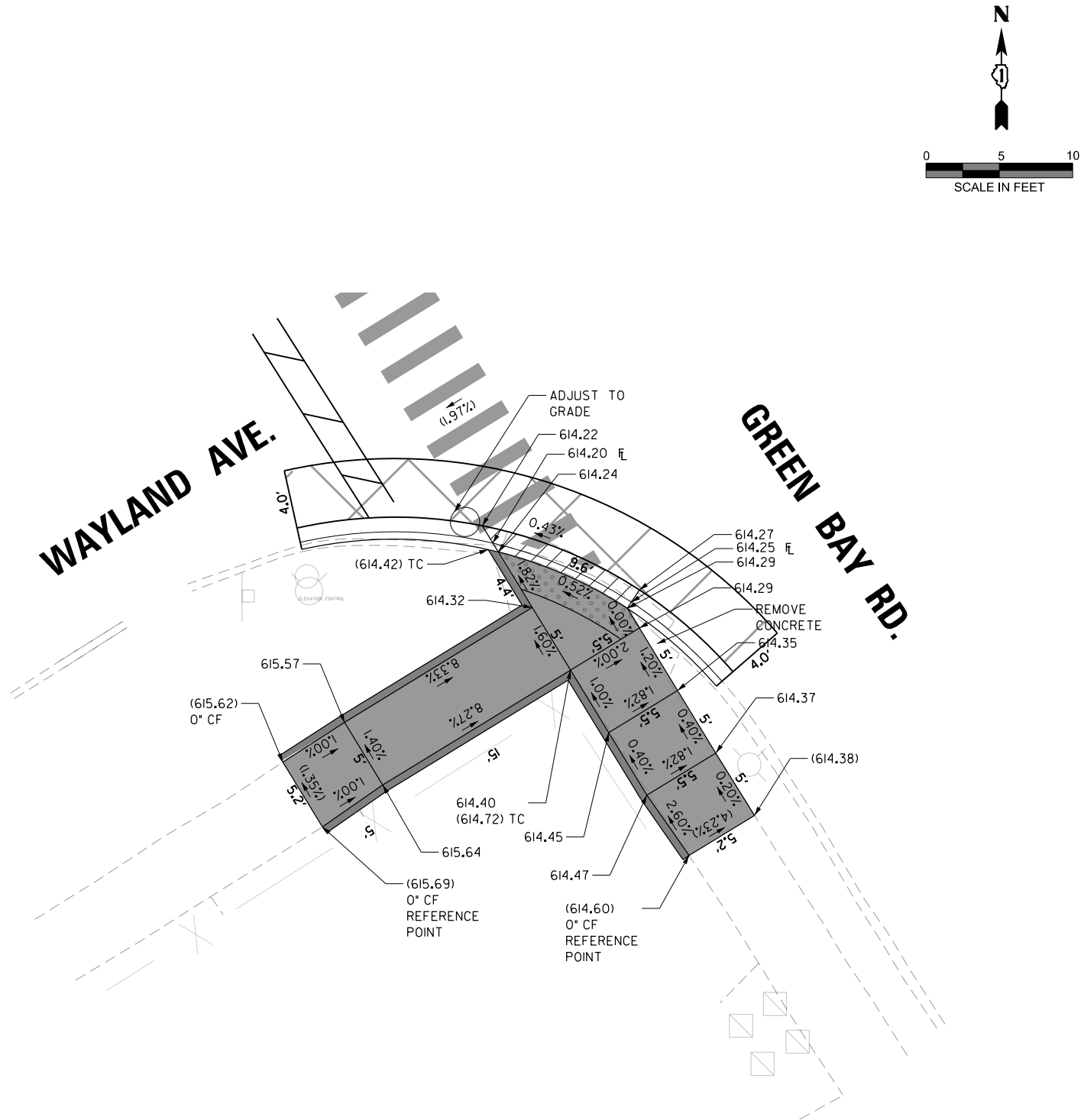
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

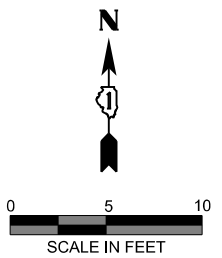
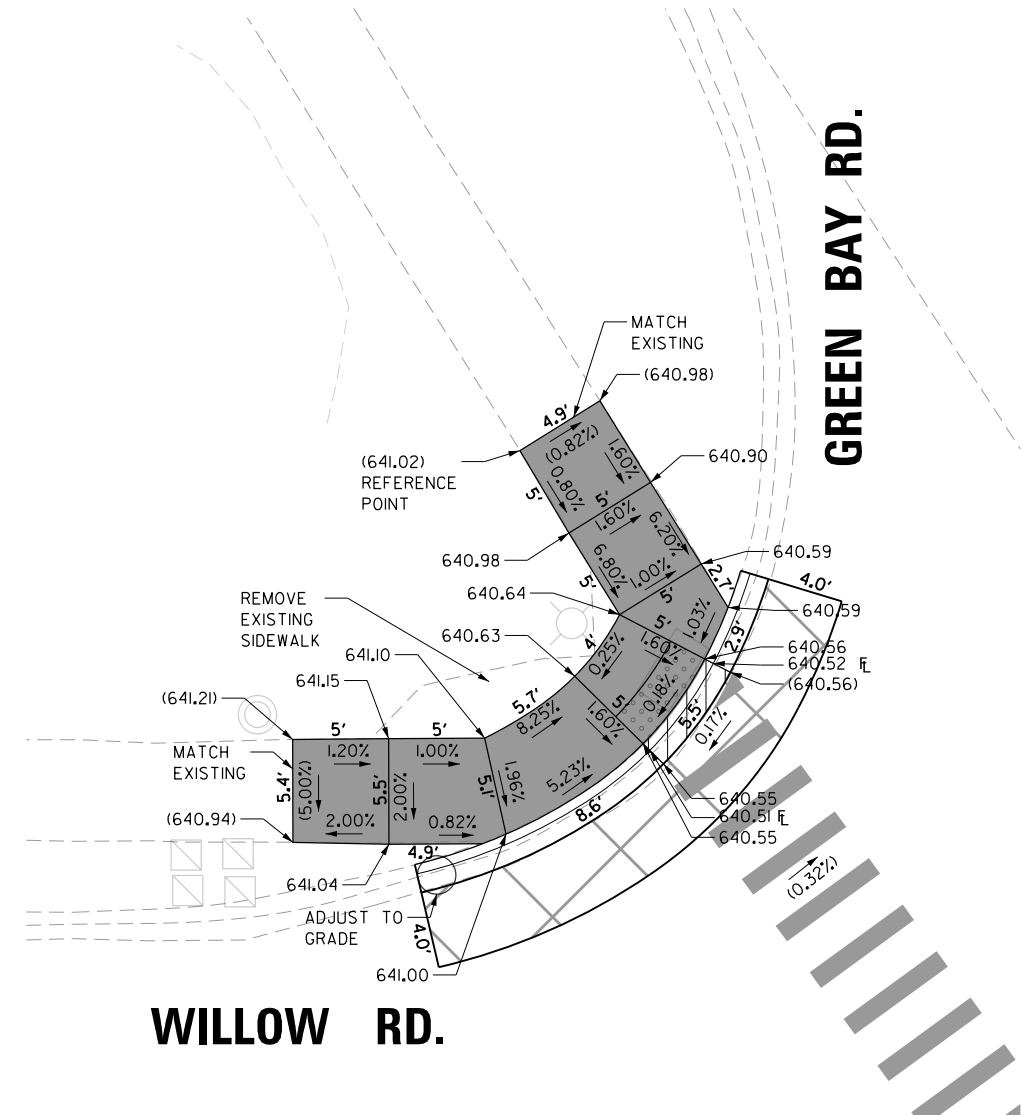
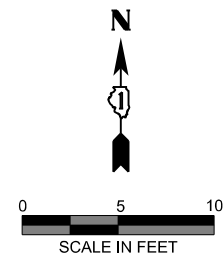
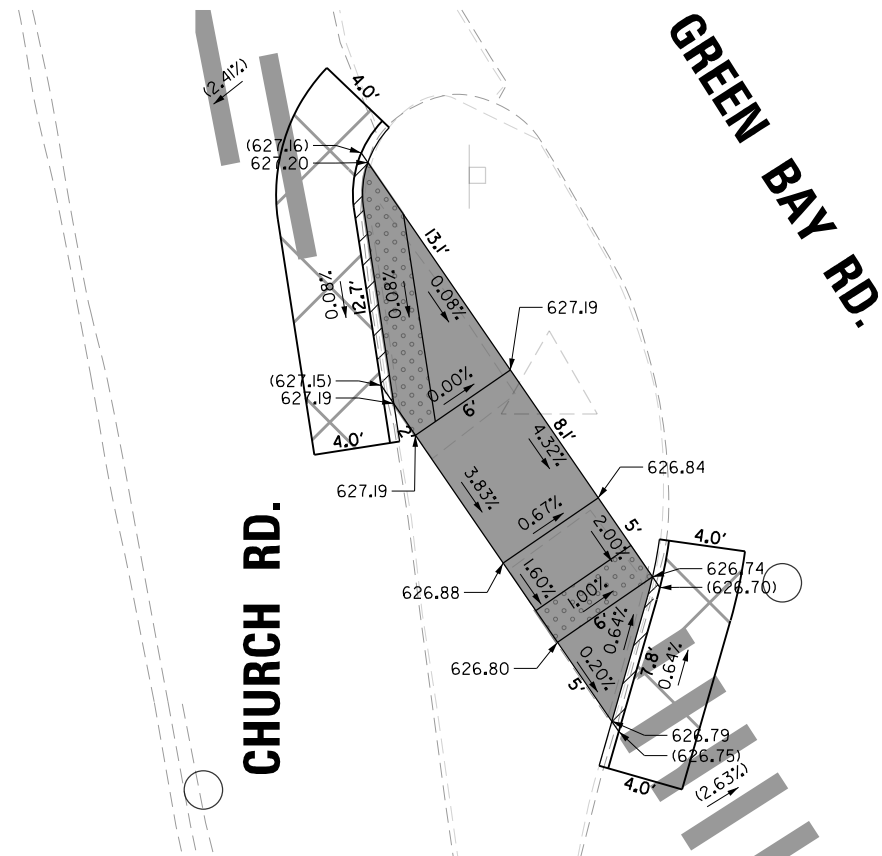
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	48
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

GREEN BAY RD AND WAYLAND
AVE - SW ADA PLAN





GREEN BAY RD AND CHURCH RD - ISLAND ADA PLAN

GREEN BAY RD AND WILLOW RD - NW ADA PLAN

LEGEND

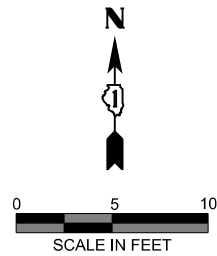
()	EX. ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

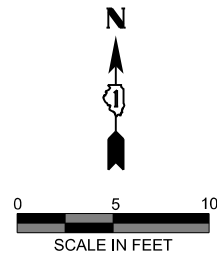
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

SCALE: 1"=5'	SHEET	OF	SHEETS	STA.	TO STA.
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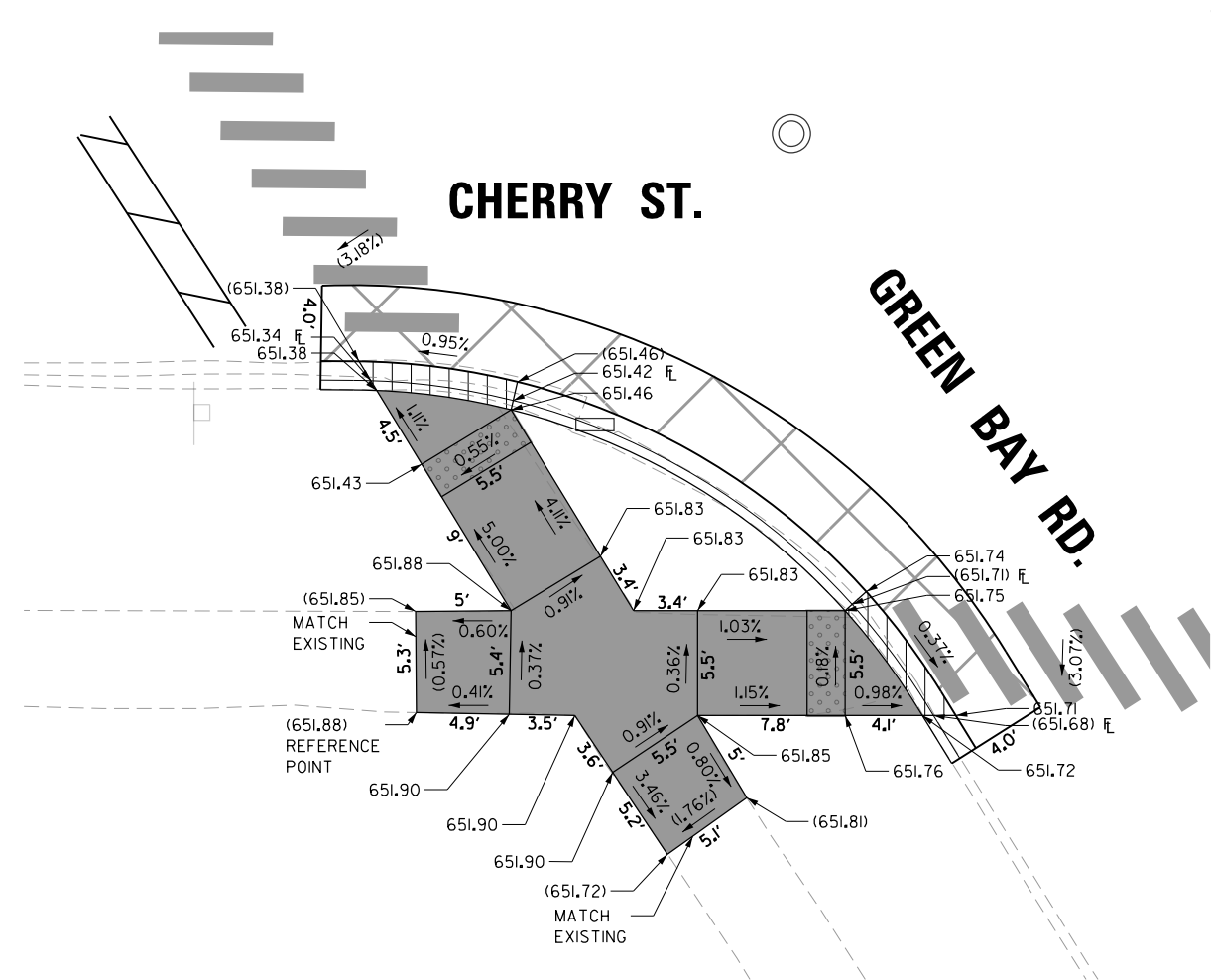
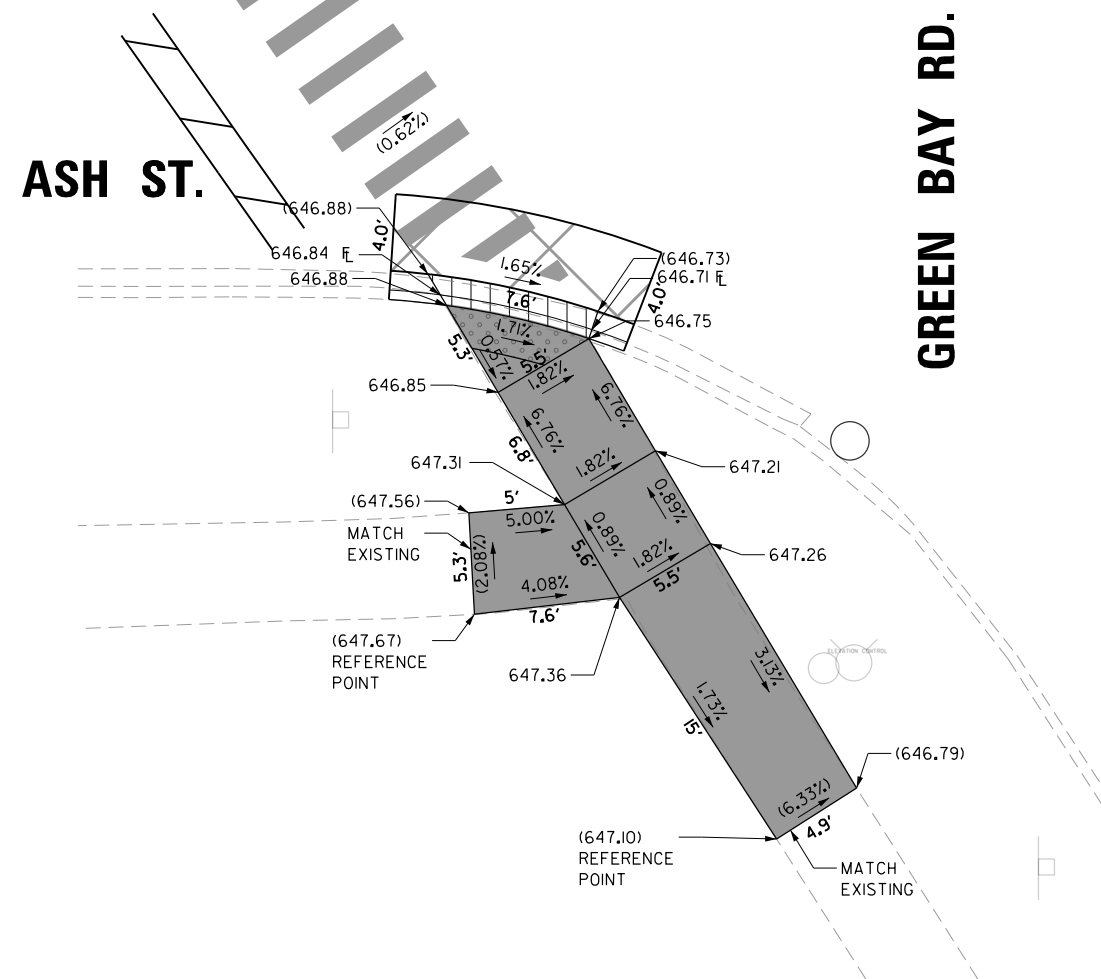
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	49
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



LEGEND	
()	EX. ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING



LEGEND	
()	EX. ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING



LEGEND	
()	EX. ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING

MODEL: General Notes Sheet
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ENGINEERING

116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = kcartopassi

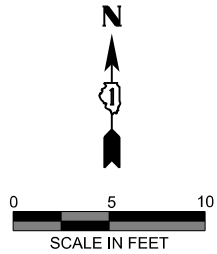
DESIGNED -
DRAWN -
CHECKED -
DATE = 12/13/2024

DESIGNED -
REVISED -
REVISED -
REVISED -

GREEN BAY RD.

OAK ST.

GREEN BAY RD AND OAK/LINDEN
ST - NE ADA PLAN

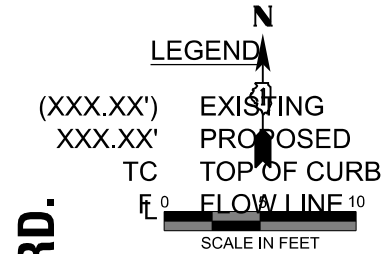


- LEGEND
- () EX. ELEVATION / SLOPE
 - PROPOSED SIDEWALK
 - DETECTABLE WARNINGS
 - SIDEWALK REMOVAL
 - DEPRESSED CURB AND GUTTER
 - PROPOSED SIDE CURB
 - PAVEMENT PATCHING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK ST.

GREEN BAY RD AND OAK/LINDEN
ST - NW ADA PLAN



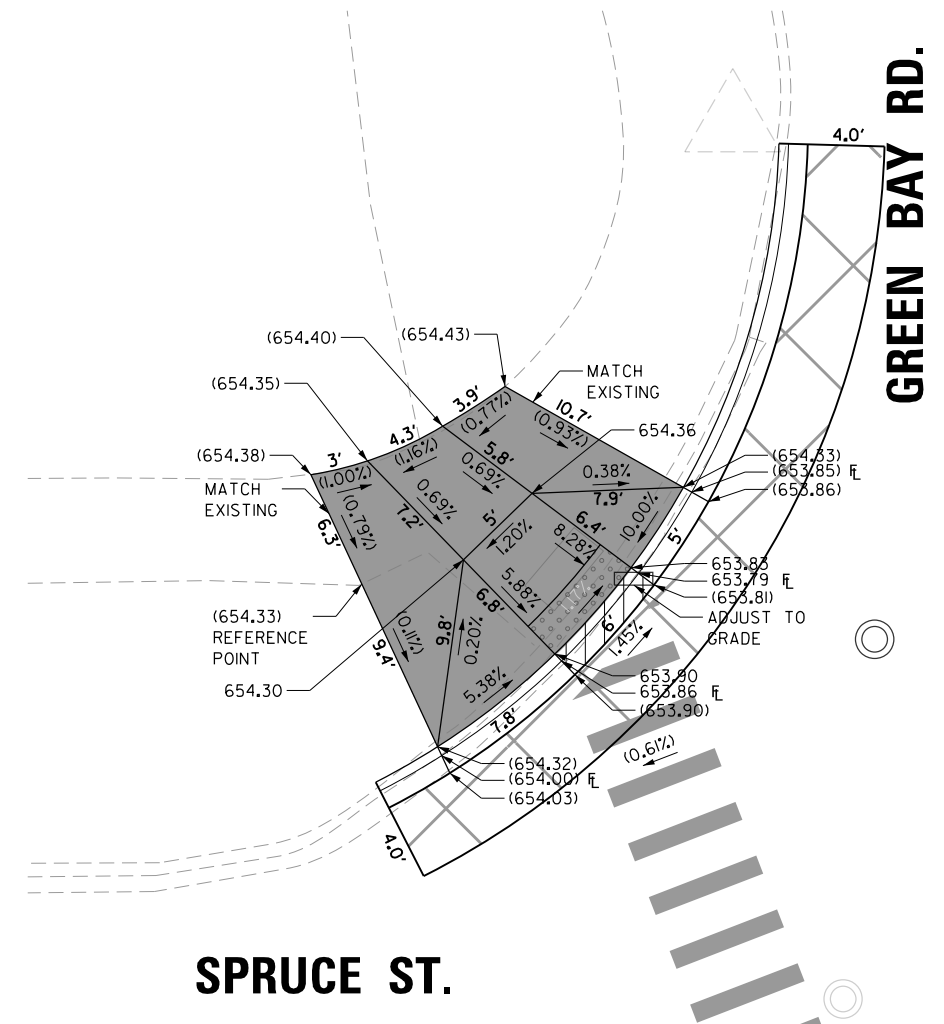
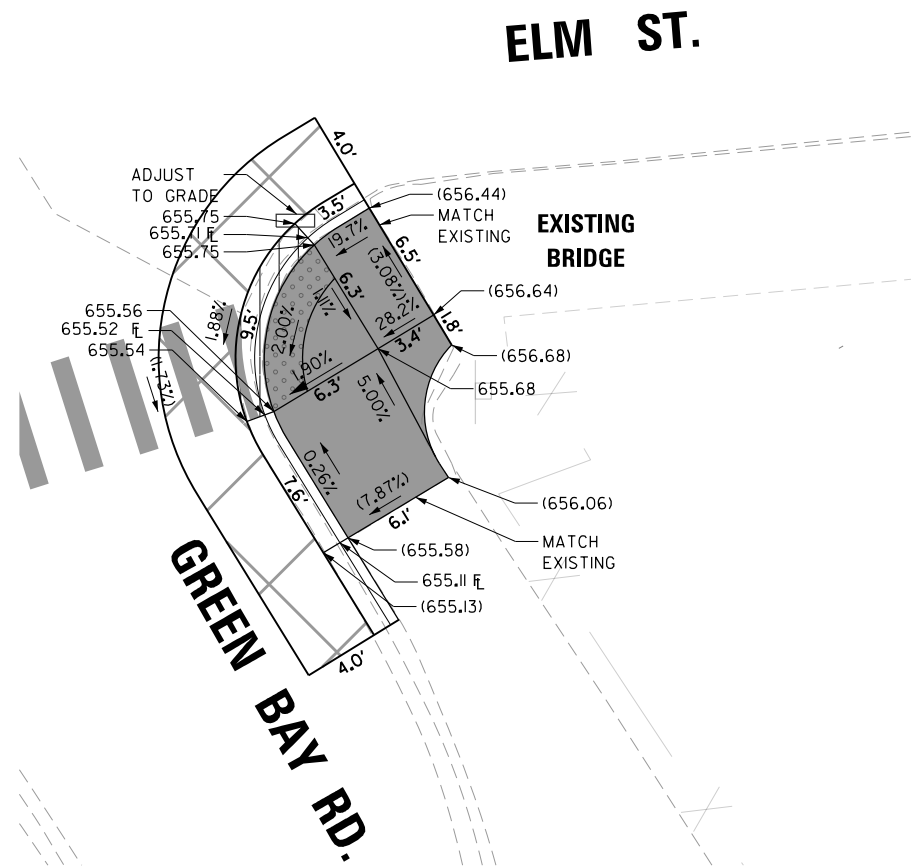
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

SCALE: 1"=5'

SHEET OF SHEETS

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	52
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				



LEGEND	
()	EX. ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING

MODEL: General Notes Sheet
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116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

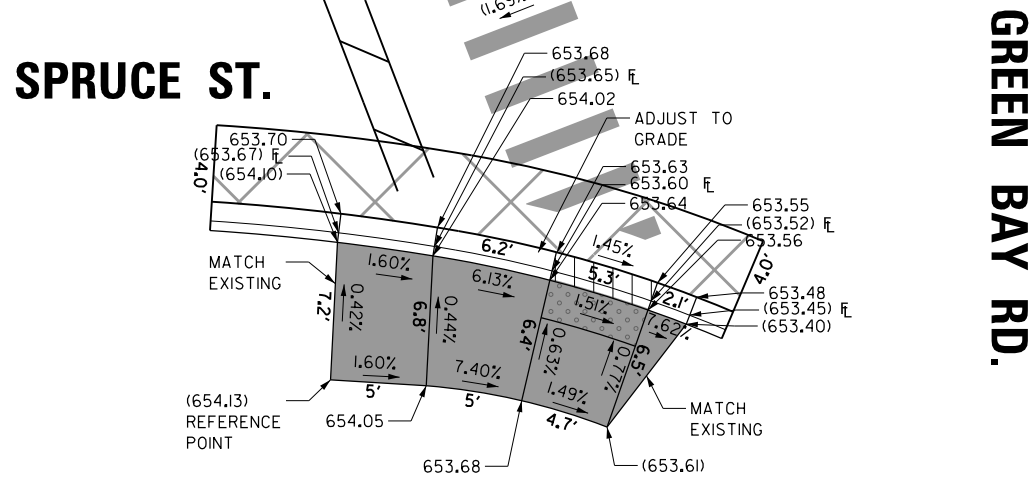
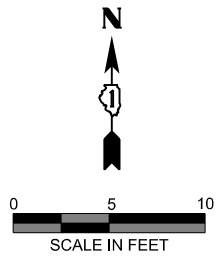
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PLOT DATE = 12/13/2024	DATE = 9/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

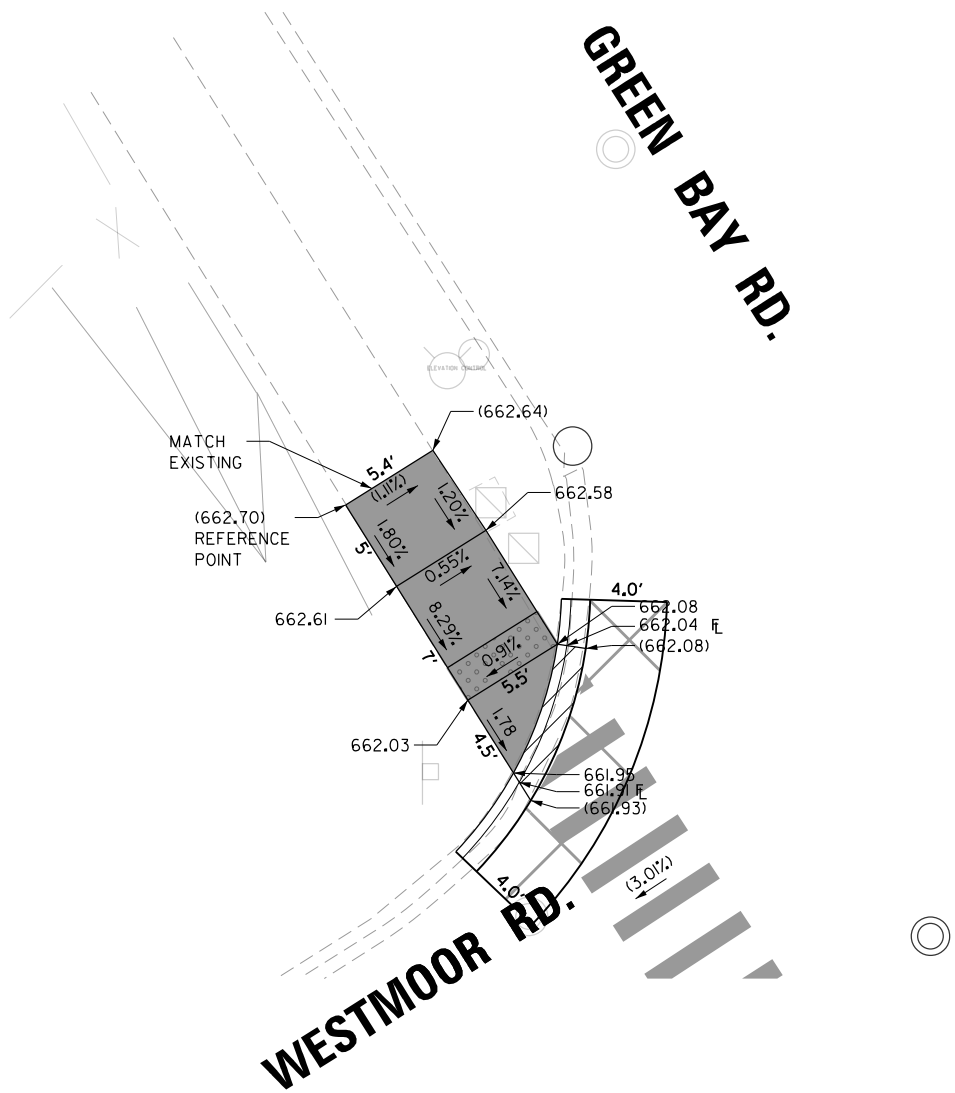
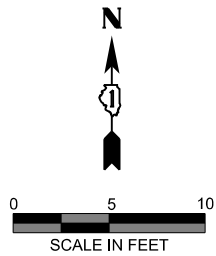
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

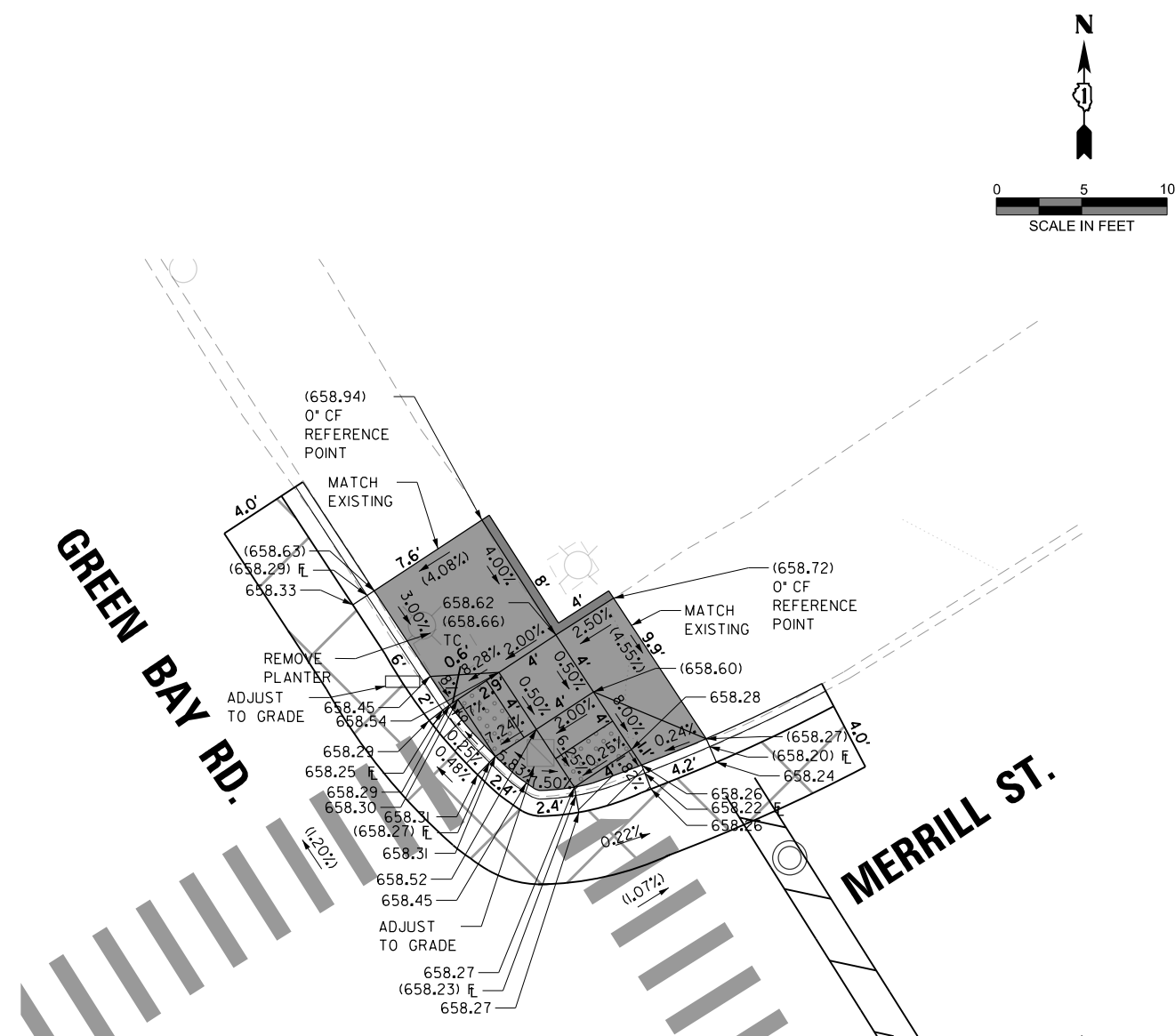
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	54
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				



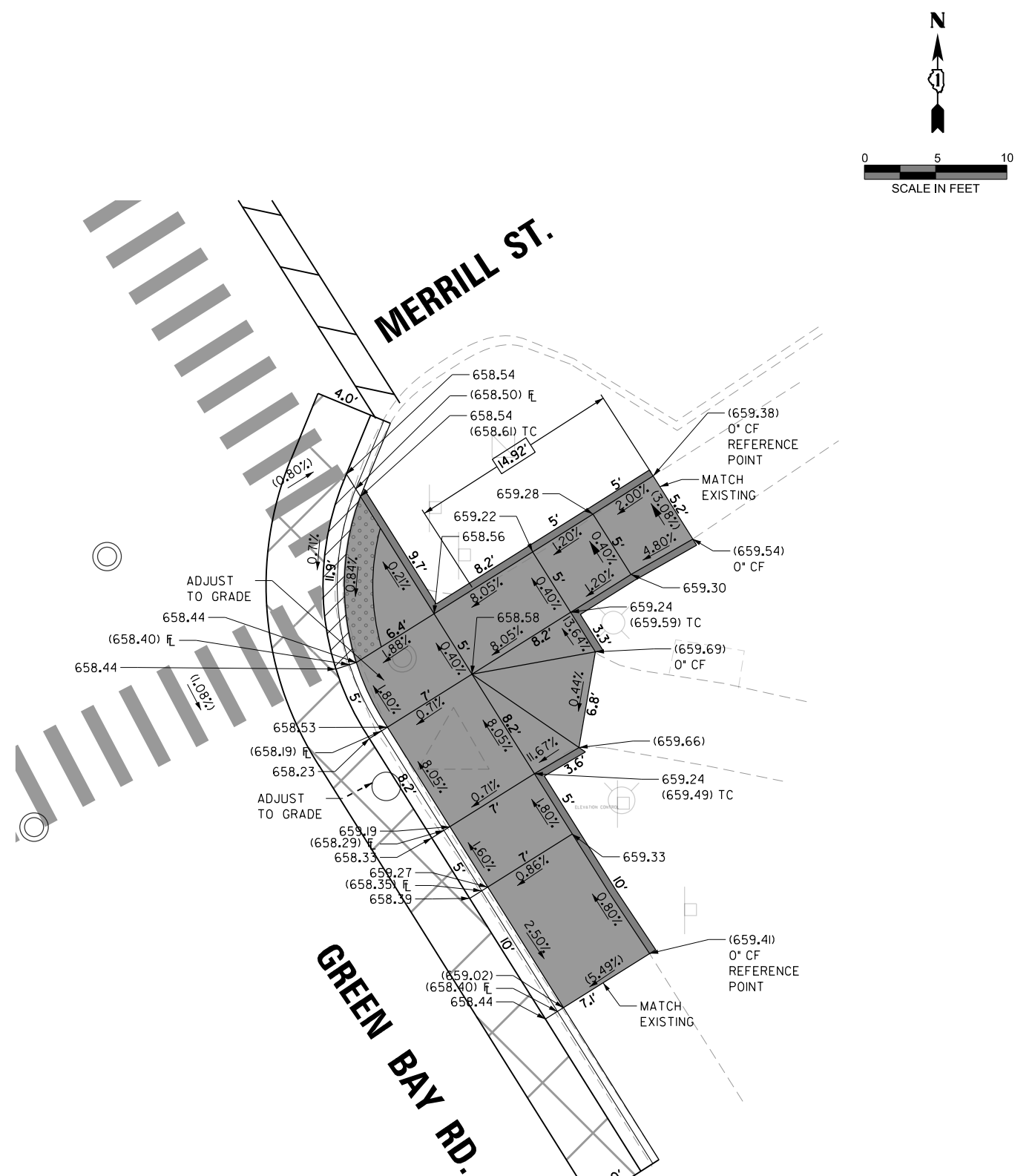
GREEN BAY RD AND SPRUCE
ST - SW ADA PLAN



GREEN BAY RD AND WESTMOOR
RD - NW ADA PLAN



GREEN BAY RD AND MERRILL ST - NE ADA PLAN



GREEN BAY RD AND MERRILL ST - SE ADA PLAN

LEGEND

() EX. ELEVATION / SLOPE



PROPOSED SIDEWALK


DETECTABLE WARNINGS SIDEWALK REMOVAL
DEPRESSED CURB AND GUTTER

PROPOSED SIDE CURB

☒ ☒ PAVEMENT PATCHING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

SCALE: 1"=5'

	SHE
--	-----

OF

SHEE

STA.

TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	56
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

MODEL: General Notes Sheet
FILE NAME: Z:\2023\232331_PTB21\002_VarPlan\Projects\W02_62W73-GreenBayRd\09-CADD\3_Sheets\0117524-shh-ada27.dgn

WBK

ENGINEERING

116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME	= kcoriopassi	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 12/13/2024	DATE	= 9/6/2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	57
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

GREEN BAY RD AND MERRILL
ST - SW ADA PLAN

LEGEND

- () EX. ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- PROPOSED SIDE CURB
- PAVEMENT PATCHING

GREEN BAY RD AND CHATFIELD
RD - NW ADA PLAN

MODEL: General Notes Sheet
FILE NAME: Z:\2023\232331_PTB21\0-02_VerPhi\Projects\W02_62W73-GreenBay\09-CADD\3_Sheets\117524-sh-hada28.dgn

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ENGINEERING

116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = kcoriopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE = 12/13/2024	DATE = 9/6/2024

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	58
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

CHATFIELD RD.

GREEN BAY RD.

GREEN BAY RD AND CHATFIELD RD - SW ADA PLAN

LEGEND

- () EX. ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- PROPOSED SIDE CURB
- PAVEMENT PATCHING

TS SHT NO. 1
MODEL Default
FILE Name: p:\allstate\illinois\gov\p\w\DOT\Documents\DOT Office\District 1\Projects\DUH5427234\CADD\at\CAD\sheetst05.dgn

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM	S	SP	FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM	I	IP			
GUY WIRE			REMOVE ITEM		R			
SIGNAL HEAD			RELOCATE ITEM		RL			
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM		A			
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF			
FLASHER INSTALLATION -(FS) SOLAR POWERED			MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF			
			SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF			
PEDESTRIAN SIGNAL HEAD			DETECTOR LOOP, TYPE I					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			PREFORMED DETECTOR LOOP					
RADAR DETECTION SENSOR			SAMPLING (SYSTEM) DETECTOR					
VIDEO DETECTION CAMERA			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			WIRELESS DETECTOR SENSOR			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS ACCESS POINT					
CONFIMATION BEACON								
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

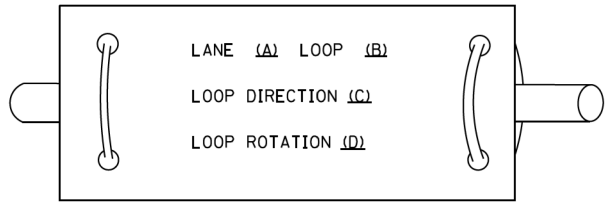
	USER NAME = footemj	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - IP	REVISED -			2744	2024-951-RS, SW	COOK	114	59			
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	PLOT DATE = 3/4/2019	DATE - 9/29/2016	REVISED -		ILLINOIS FED. AID PROJECT								
SCALE: NONE		SHEET 1	OF 7	SHEETS	STA.	TO STA.							

TS SHT NO. 2
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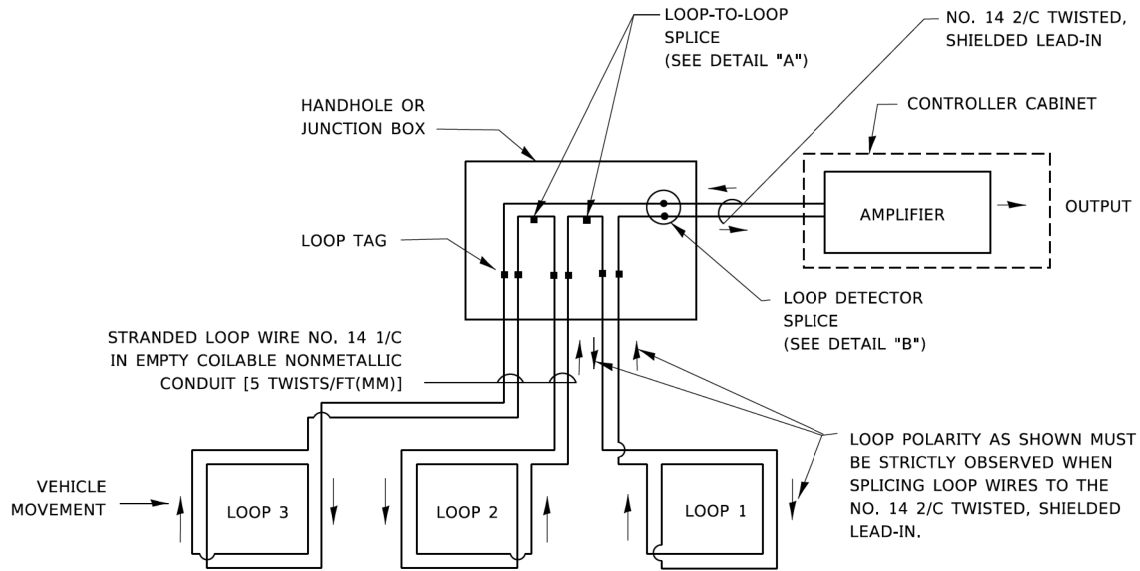
LOOP DETECTOR NOTES

- EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

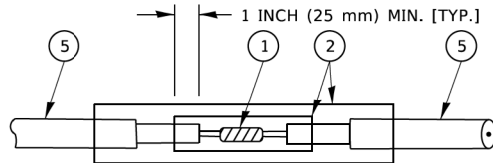


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

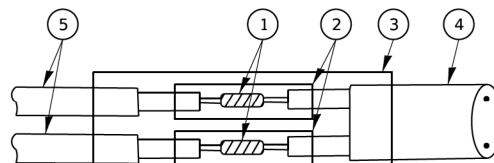


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

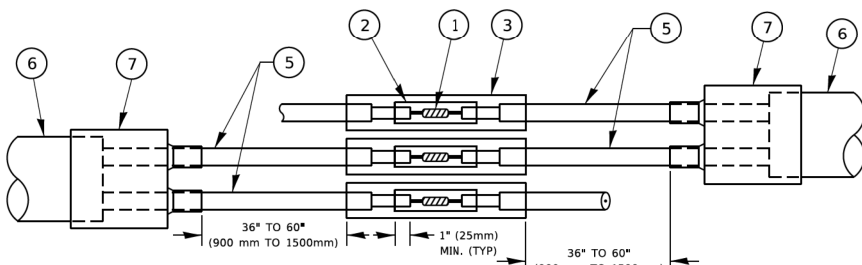


DETAIL "A"
LOOP-TO-LOOP SPLICE

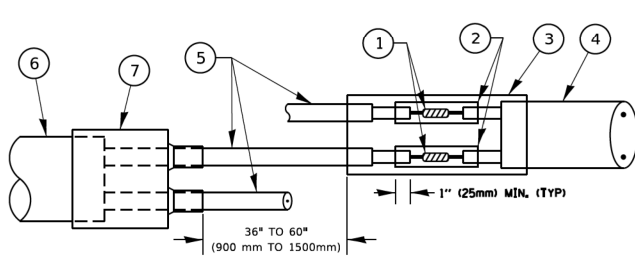


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PRE-FORMED LOOP

LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.
④ NO. 14 2/C TWISTED, SHIELDED CABLE.
⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP
⑥ XL POLYOLEFIN 2 CONDUCTOR
⑦ BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.			2744	2024-951-RS, SW	COOK	114	60
				TS-05		CONTRACT NO. 62W73		
				ILLINOIS		FED. AID PROJECT		

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



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."

Diagram illustrating the required clear zone for a signalized intersection. The diagram shows a sidewalk, a curb, and a shoulder. Key dimensions are labeled:

- 3.5 FT (1.1m) for the pedestrian clear zone.
- 7 FT (2.1m) for the equestrian clear zone.
- 8 FT (2.4 m) MIN. TO 10' (3.0 m) MAX. for the vehicle clear zone.

The diagram also shows a signal head and a crosswalk. A note "SEE NOTE 1" is present.

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."

5.0 FT.
(1.5 m) MAX.

1.5 FT.
(0.45 m) MIN.

6.0 FT.*
(1.8 m) MAX.

10 FT. (3.0 m) MIN.

5.0 FT.
(1.5 m) MAX.

1.5 FT.
(0.45 m) MIN.

6.0 FT.*
(1.8 m) MAX.

LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATION

- * 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) SEPARATION 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 ON THE TOP 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.

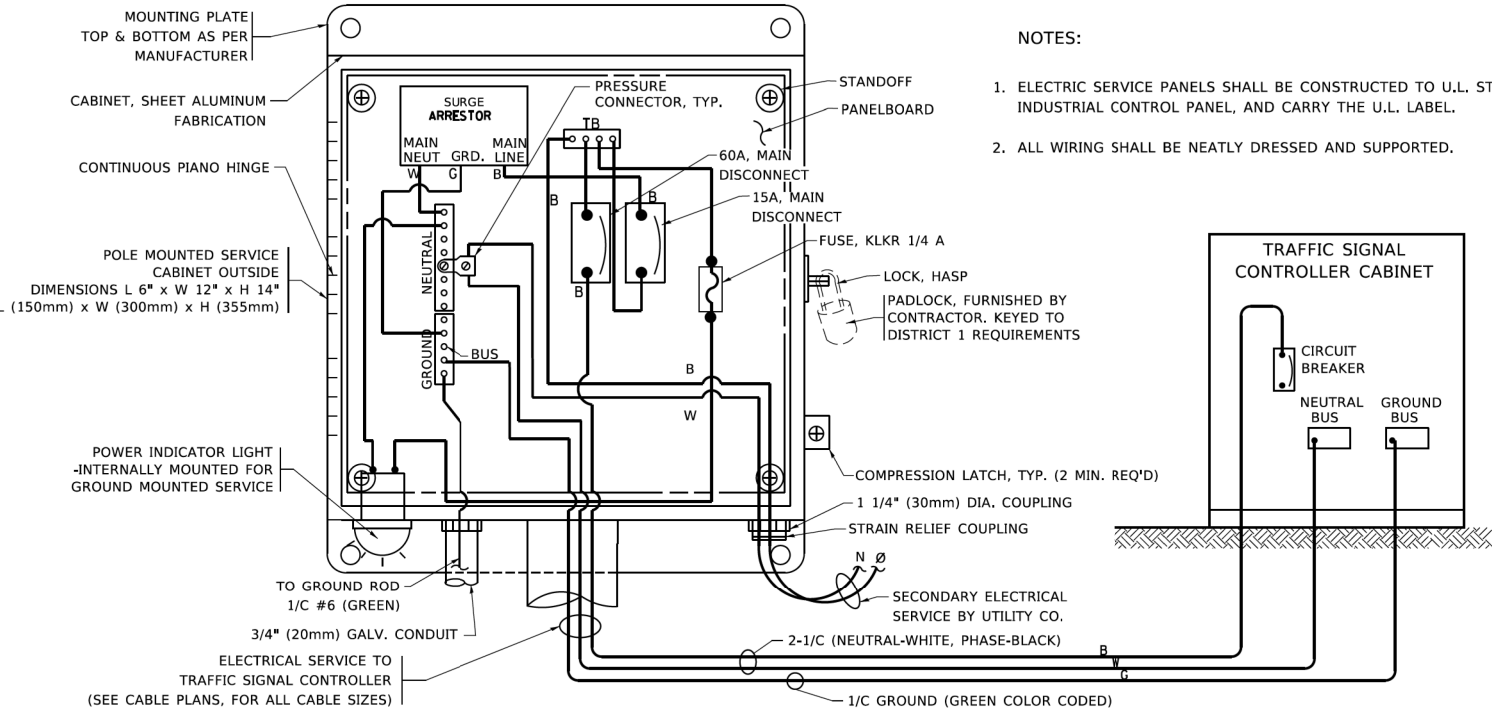
TRAFFIC SIGNAL EQUIPMENT OFFSET

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.

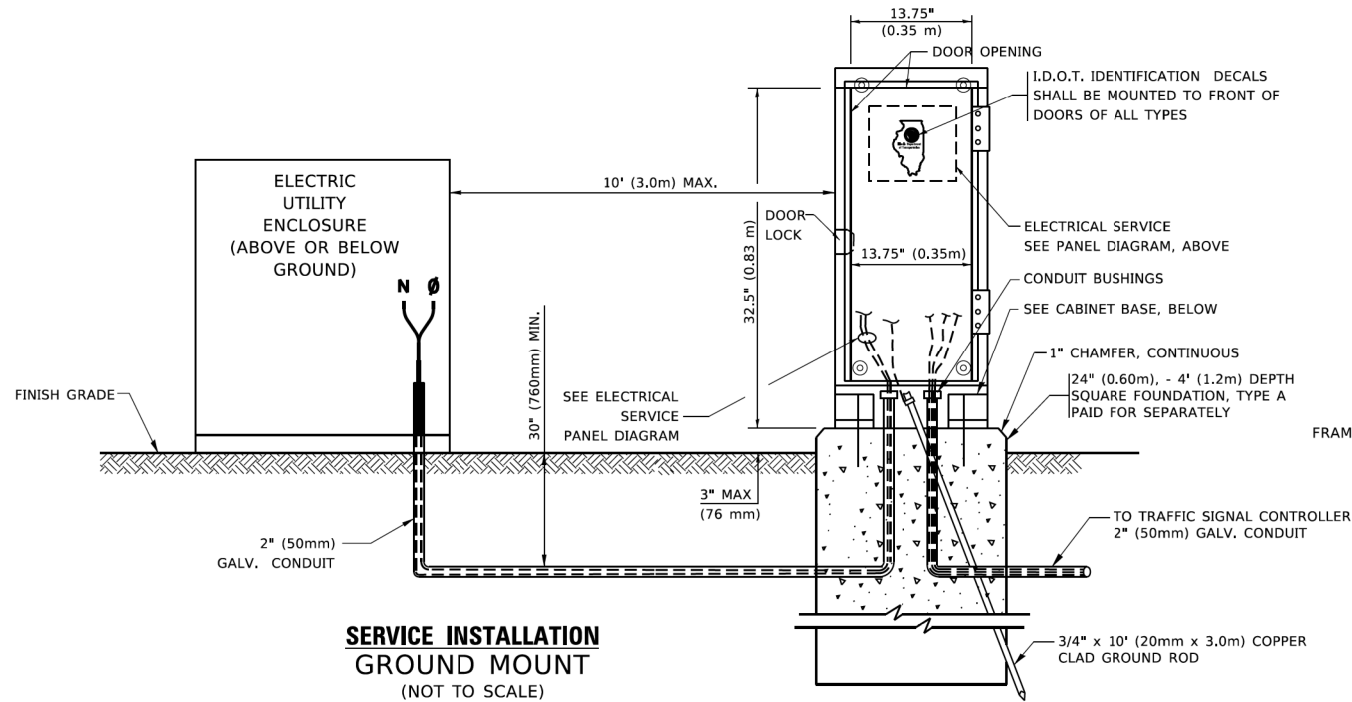
NOTES:

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.

	USER NAME = footemj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,0000 ' / in.	DRAWN -	REVISED -						2744	2024-951-RS, SW	COOK	114	61
	PLOT DATE = 3/4/2019	CHECKED -	REVISED -		TS-05		CONTRACT NO. 62W73						
		DATE -	REVISED -										
					SCALE: NONE	SHEET 3 OF 7 SHEETS	STA.	TO STA.					

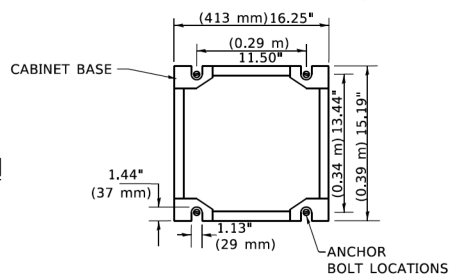


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)



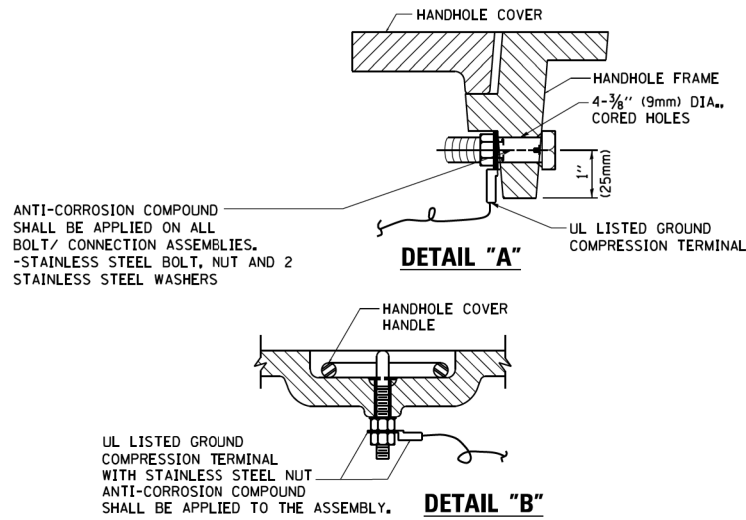
SERVICE INSTALLATION
GROUND MOUNT
(NOT TO SCALE)

CABINET – BASE BOLT PATTERN
(NOT TO SCALE)

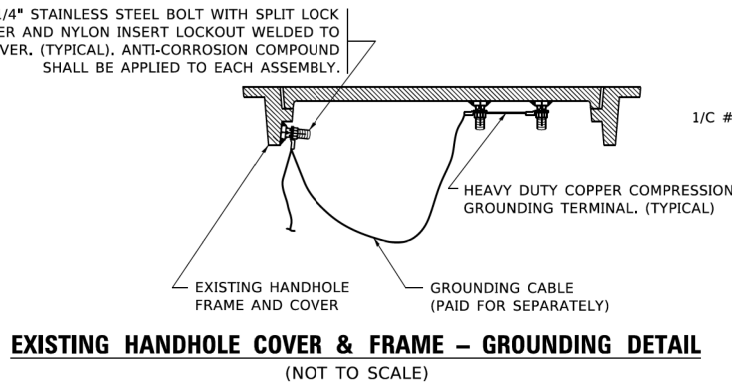


NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.



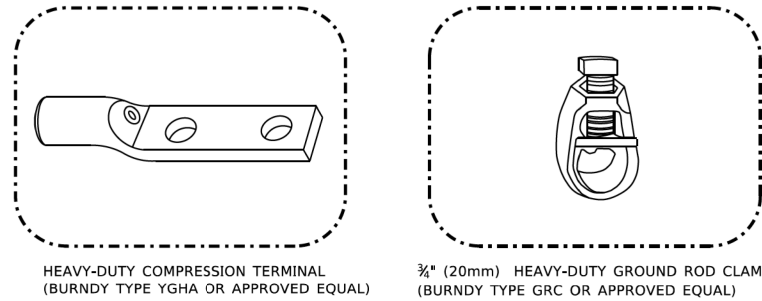
HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)

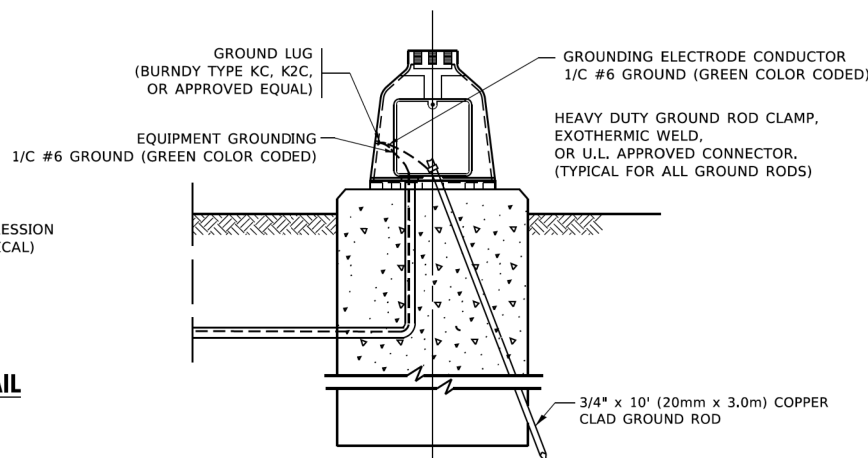
NOTES:
GROUNDING SYSTEM

1. 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 (HANDHOLE, 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.
2. 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.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. 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.



MAST ARM POLE /POST-GROUNDING DETAIL
(NOT TO SCALE)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	62
TS-05		CONTRACT NO. 62W73		
		ILLINOIS FED. AID PROJECT		

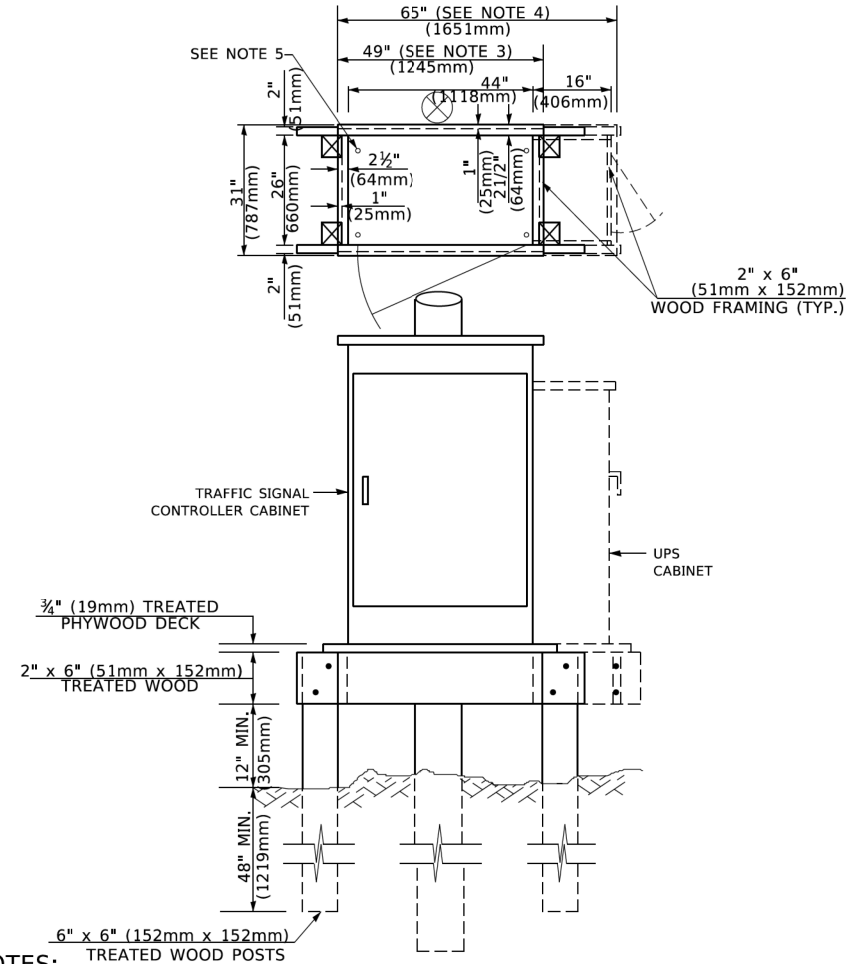
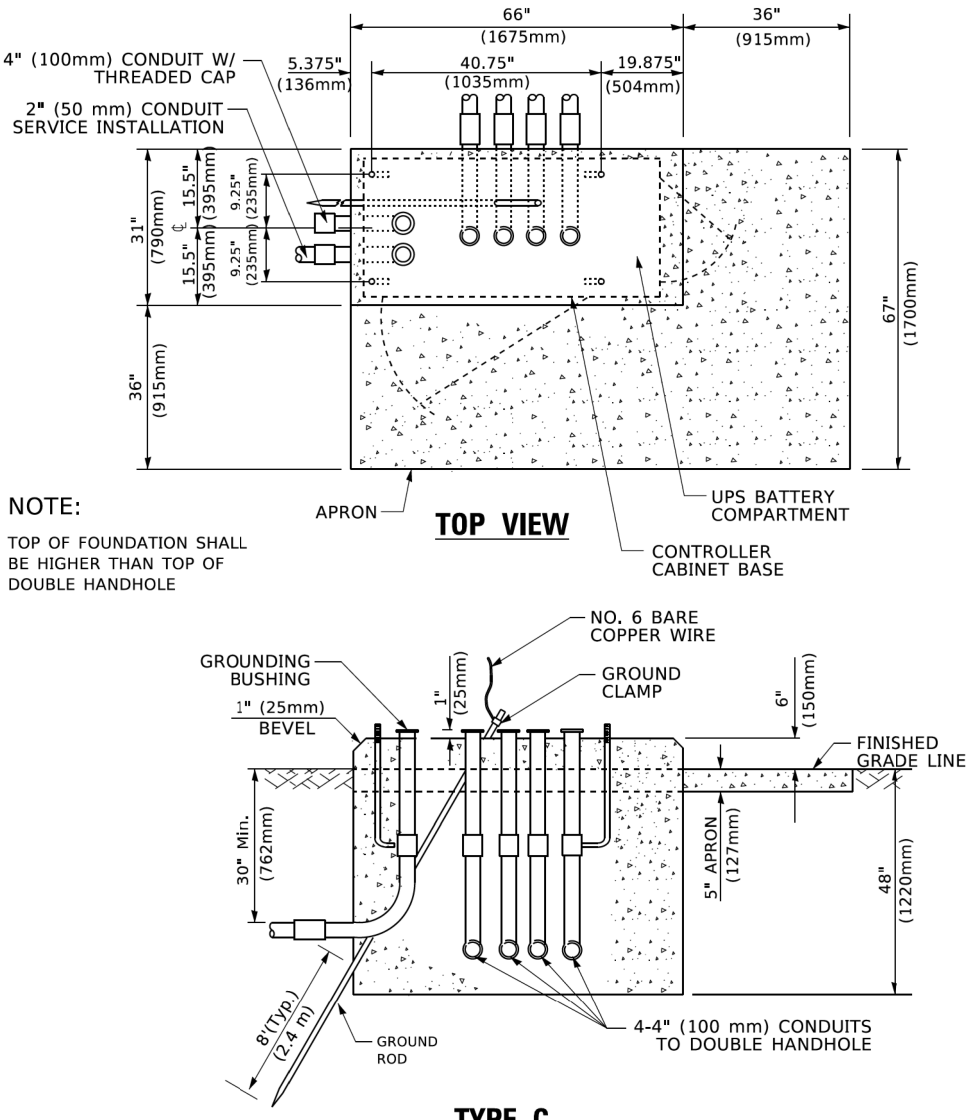
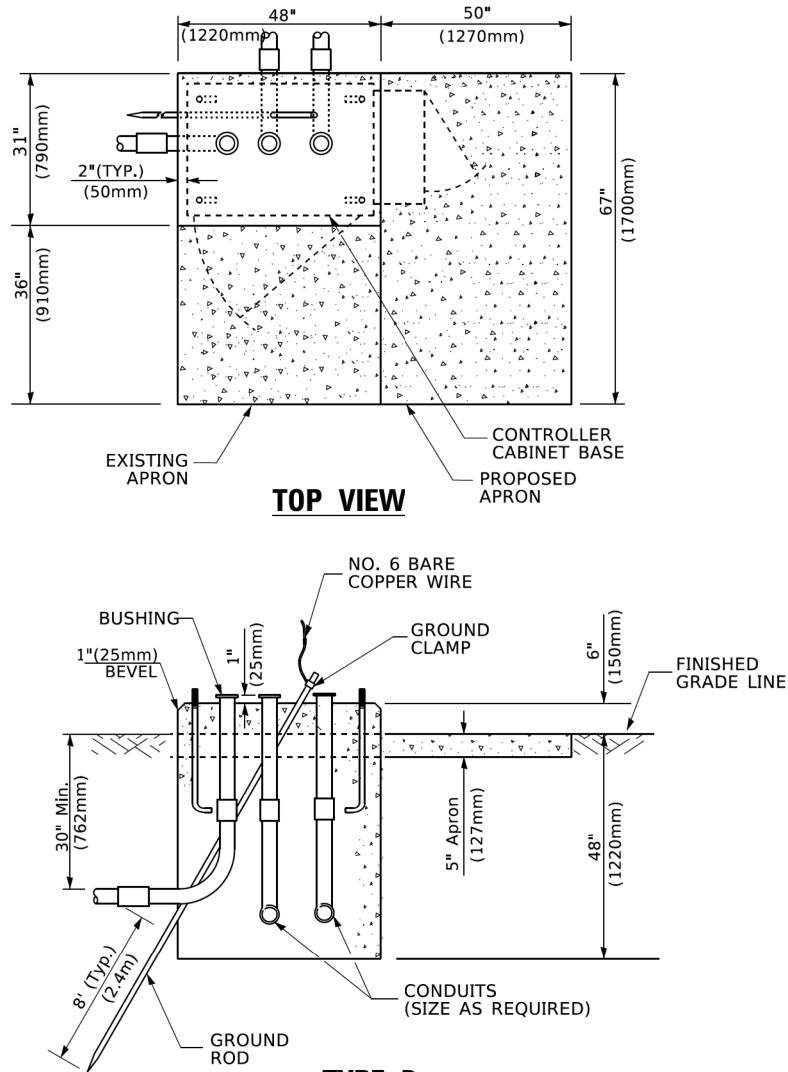
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CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST,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



- NOTES:**
- 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.
 - 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.
 - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
 - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
 - 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.
 - FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

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	① 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 up to 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:**
- 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.
 - Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
 - Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
 - For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	USER NAME = footemj		DESIGNED -	REVISED -	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		REVISD -	REVISD -		2744	2024-951-RS, SW	COOK	114	63
	PLOT SCALE = 50.0000 ' / in.		CHECKED -	REVISD -		TS-05		CONTRACT NO. 62W73		
	PLOT DATE = 3/4/2019		DATE -	REVISD -		SCALE: NONE		SHEET 5 OF 7 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT

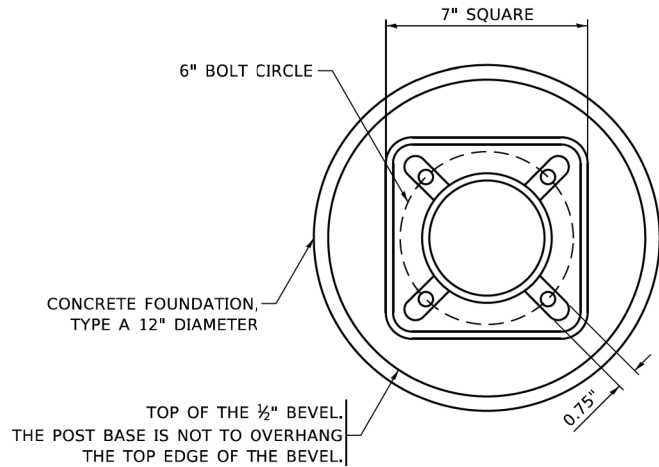


1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE 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.



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	64
TS-05		CONTRACT NO. 62W73		
ILLINOIS		FED. AID PROJECT		

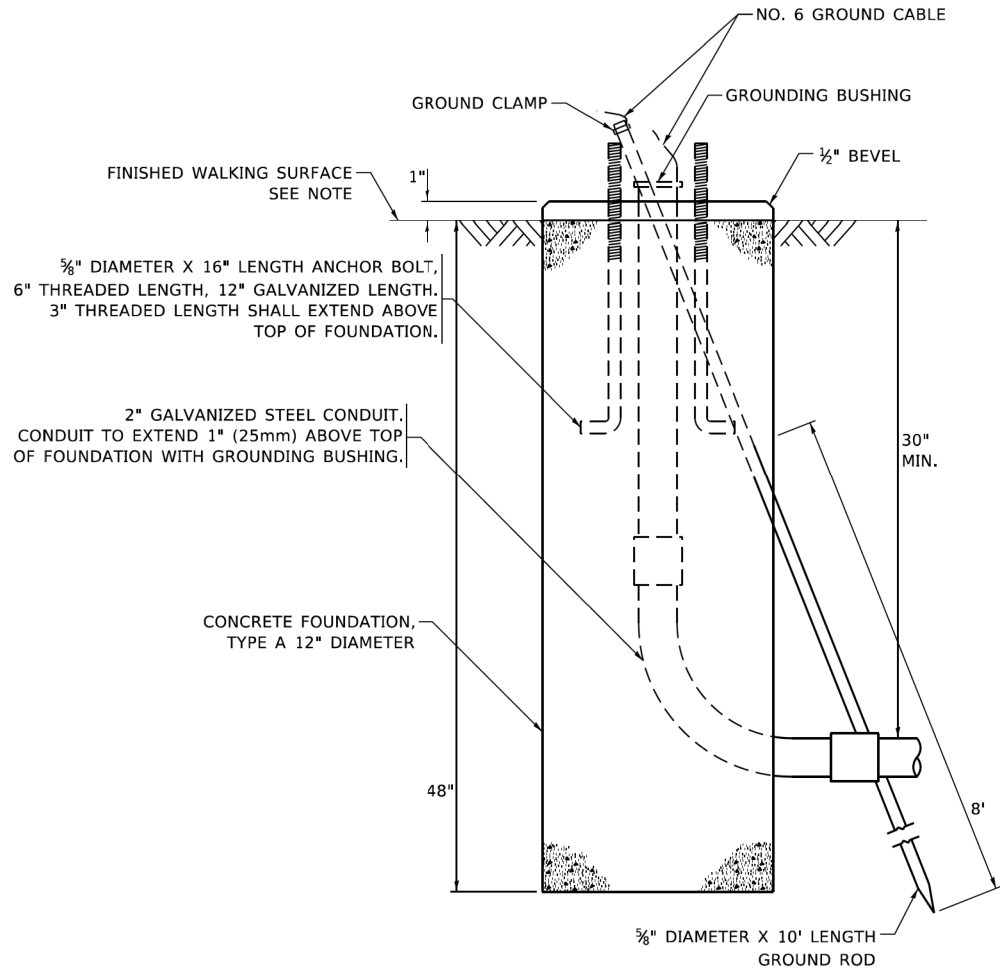
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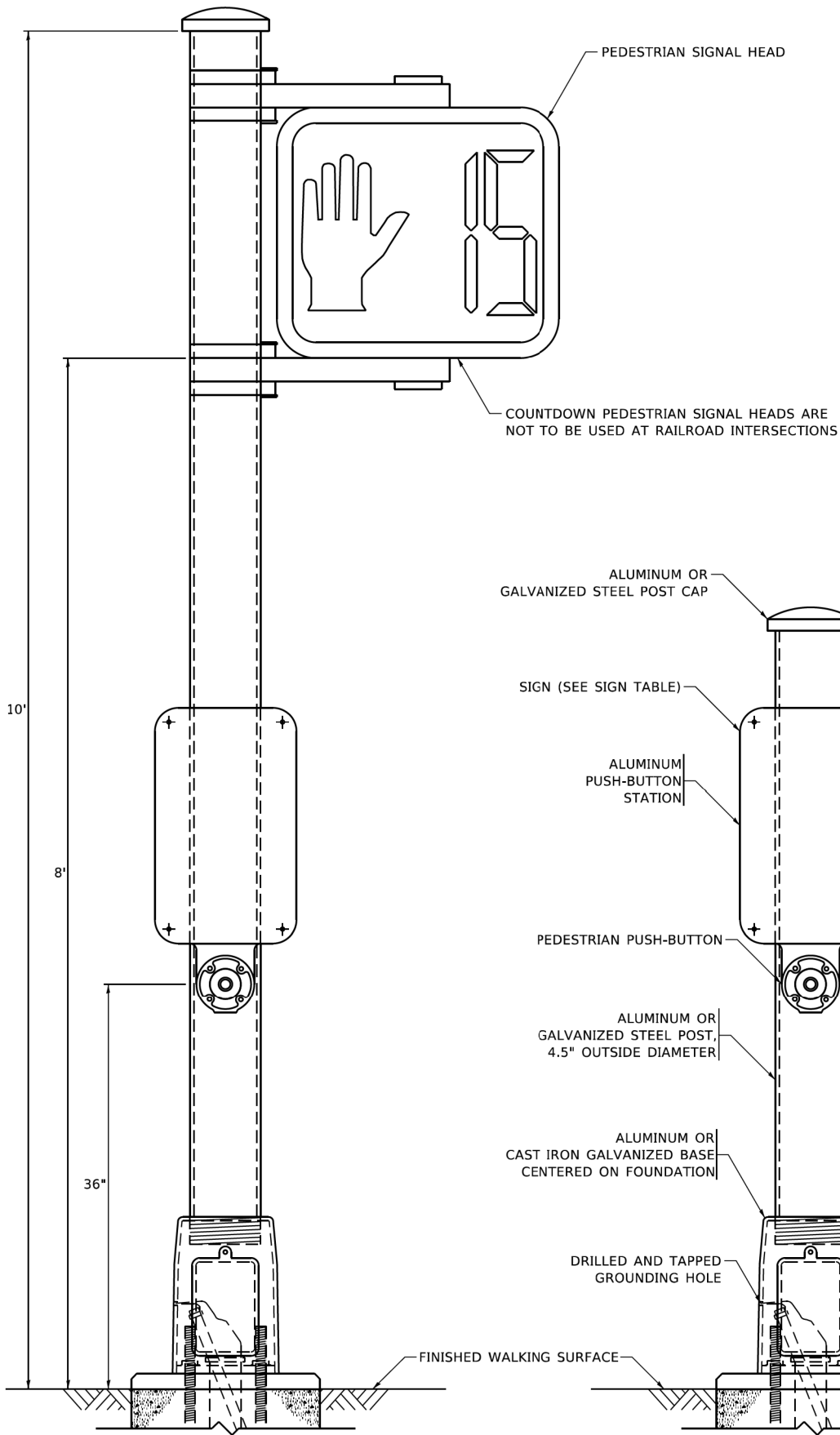
BOLT PATTERN

NOTE:

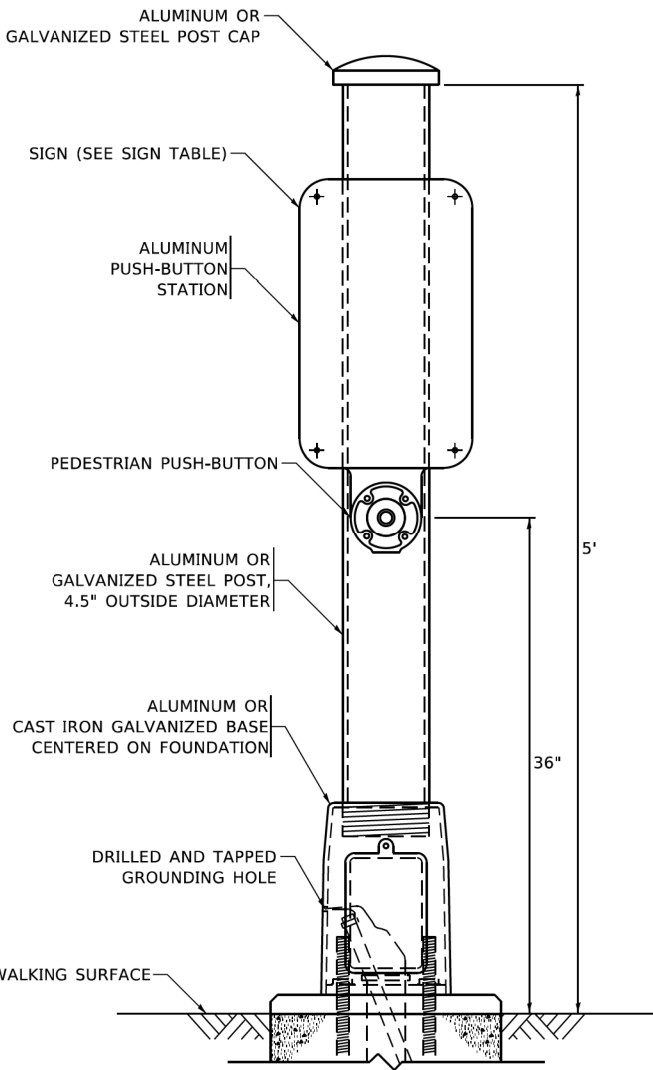
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



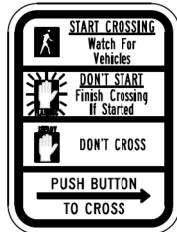
CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER



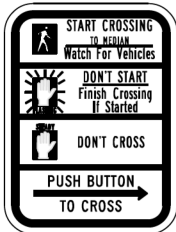
PEDESTRIAN SIGNAL POST, 10 FT.



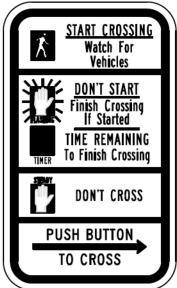
PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b



R10-3d



R10-3e

SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 12"

NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	65
TS-05		CONTRACT NO. 62W73		
ILLINOIS		FED. AID PROJECT		

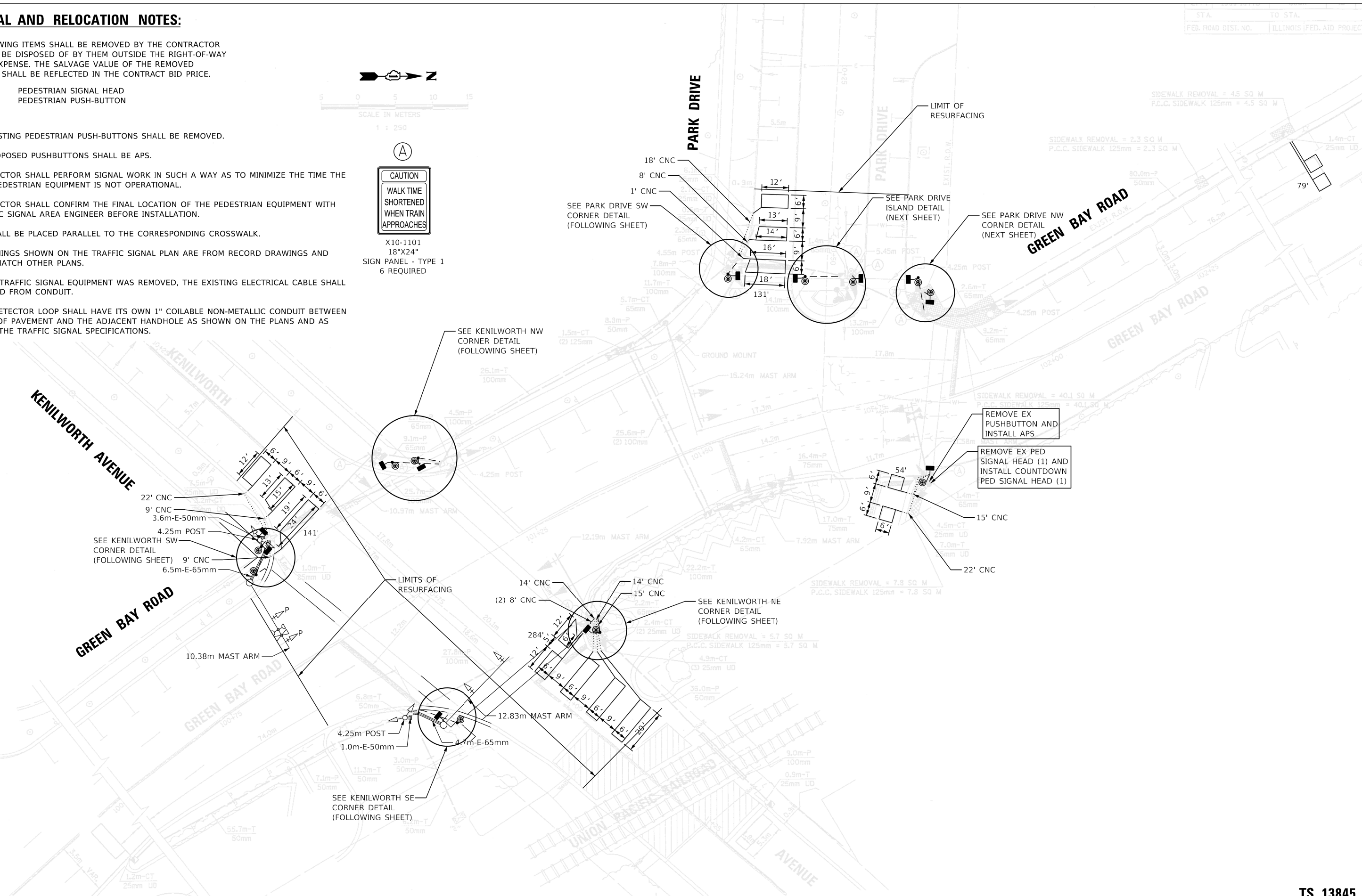
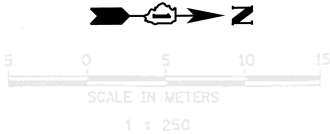
REMOVAL AND RELOCATION NOTES:

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 CONTRACT BID PRICE.

- 12 EACH PEDESTRIAN SIGNAL HEAD
- 8 EACH PEDESTRIAN PUSH-BUTTON

NOTES:

1. ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
2. ALL PROPOSED PUSHBUTTONS SHALL BE APS.
3. CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
4. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
5. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
6. STATIONINGS SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
7. WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.
8. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



TS SHT NO.08

MODEL: Default
FILE NAME: F:\projects\1078-VY Phase II - Itera\Design\SHD\162P05-sh1-TS08-MOD1 Kenilworth Rd.dgn



USER NAME	= Srahman	DESIGNED	- TM	REVISED	-
		DRAWN	- TM	REVISED	-
PLOT SCALE	= 39.9984' / in.	CHECKED	- AS	REVISED	-
PLOT DATE	= 12/9/2024	DATE	- 12-09-2024	REVISED	-

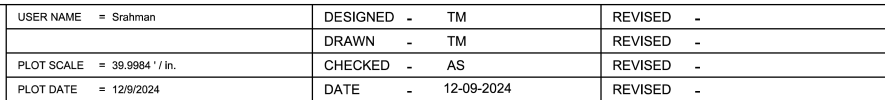
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 5)			
GREEN BAY ROAD AND KENILWORTH AVENUE			
GREEN BAY ROAD AND PARK DRIVE			
SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	66
CONTRACT NO. 62W73				
ILLINOIS		FED. AID PROJECT		

TS 13845

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Iter5\Design\ShiD162P95-sht-TS09-MOD2 Kenilworth Rd.dgn



SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA.	TO STA.
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	67
		CONTRACT NO. 62W73		
ILLINOIS		FED. AID PROJECT		



USER NAME = Srahman	DESIGNED - TM	REVISED -
	DRAWN - TM	REVISED -
PLOT SCALE = 39.9984' / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

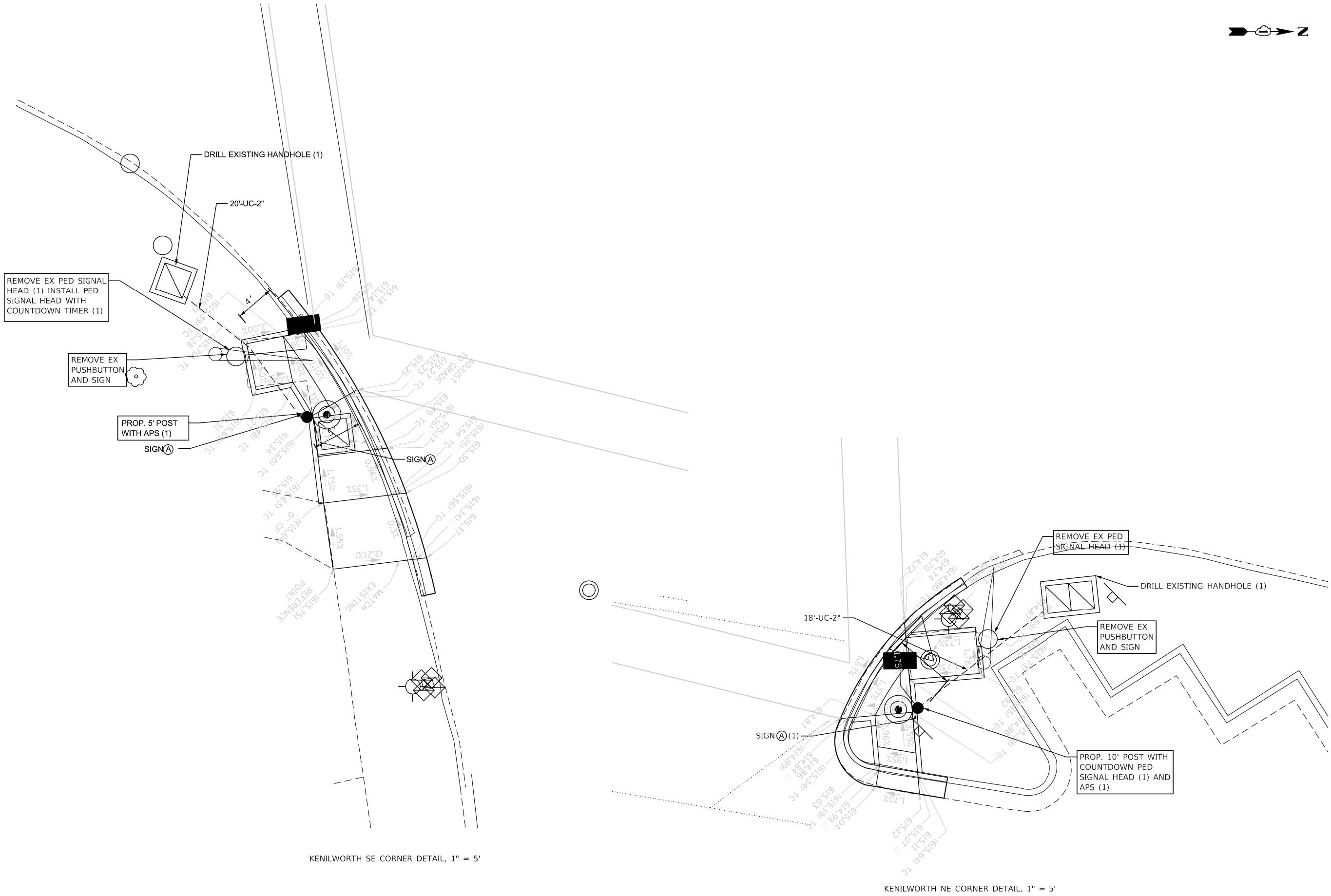
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 3 OF 5)
GREEN BAY ROAD AND KENILWORTH AVENUE
GREEN BAY ROAD AND PARK DRIVE

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	68
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

TS 13845





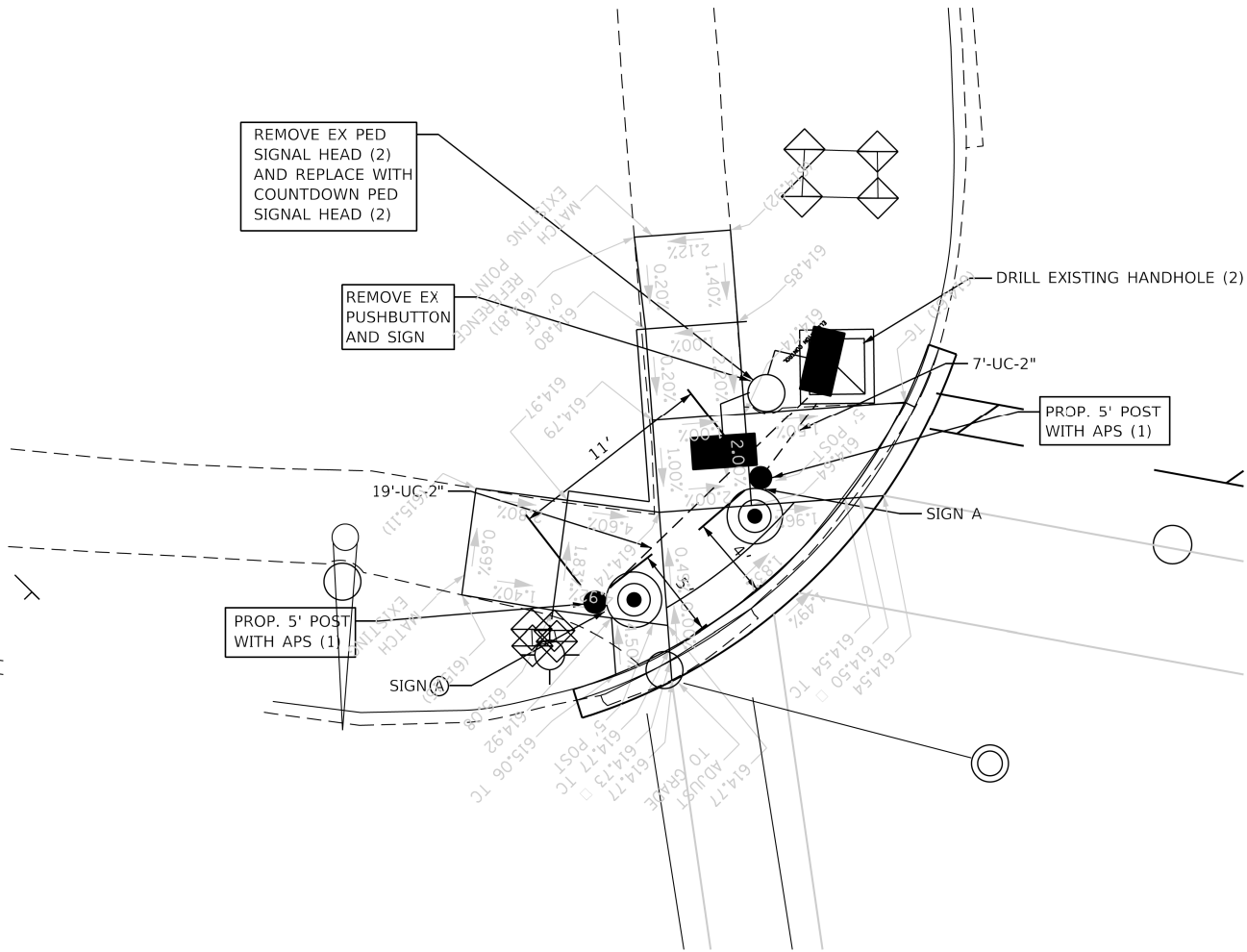
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	DRAWN - TM	REVISED -
PLOT SCALE = 39.9984" / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

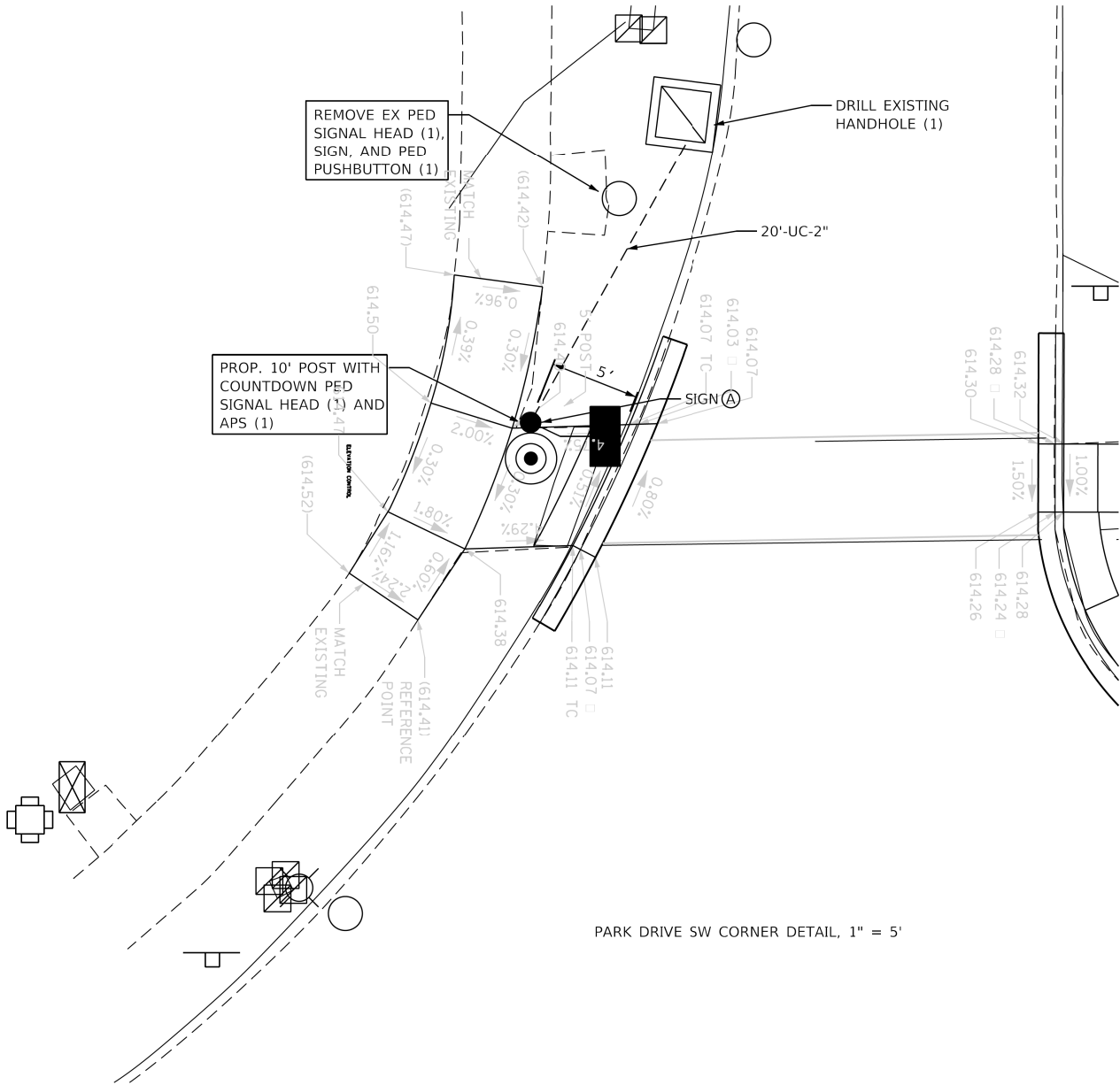
TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 4 OF 5)
GREEN BAY ROAD AND KENILWORTH AVENUE
GREEN BAY ROAD AND PARK DRIVE

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	69
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				



KENILWORTH SW CORNER DETAIL, 1" = 5'



PARK DRIVE SW CORNER DETAIL, 1" = 5'



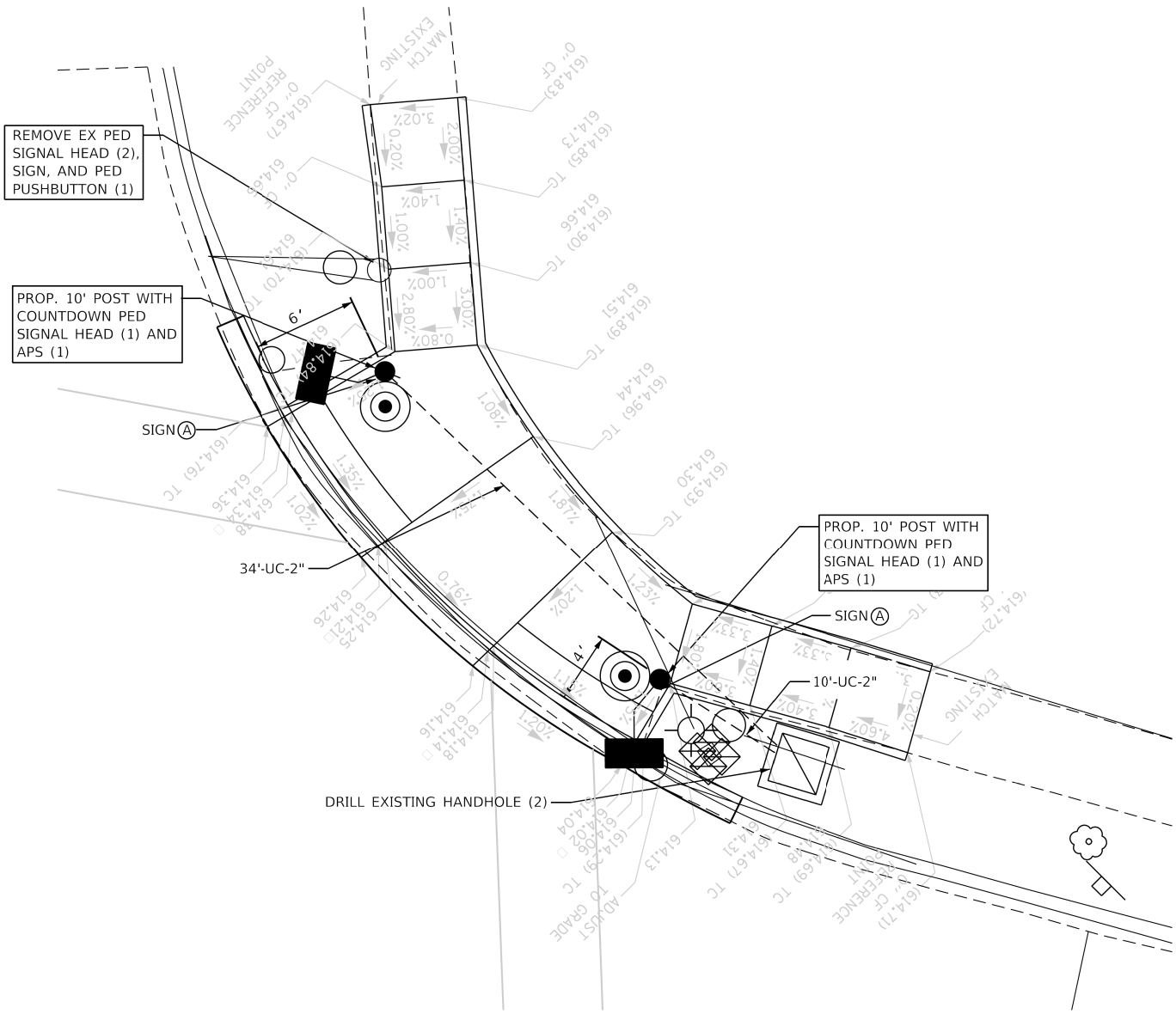
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	DRAWN - TM	REVISED -
PLOT SCALE = 39.9984' / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 5 OF 5)
GREEN BAY ROAD AND KENILWORTH AVENUE
GREEN BAY ROAD AND PARK DRIVE

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	70
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				



KENILWORTH NW CORNER DETAIL, 1" = 5'

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	30
REMOVE EXISTING SIGN PANEL	SQ FT	15
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	165
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2388
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1438
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	464
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1569
DRILL EXISTING HANDHOLE	EACH	8
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	14
DETECTOR LOOP, TYPE I	FOOT	648
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	6
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	14
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	36
MODIFY EXISTING CONTROLLER CABINET	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL I	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	425
ROD AND CLEAN EXISTING CONDUIT	FOOT	563
PAINT NEW PEDESTRIAN PUSH-BUTTON POST	EACH	6

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	27	11	297
4-SECTION	4	14	56
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	12	15	210
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			738
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1343

ENERGY COSTS TO:

VILLAGE OF KENILWORTH
419 RICHMOND ROAD
KENILWORTH, IL 60043

ENERGY SUPPLY:

CONTACT: Axl Davis

PHONE: 773-231-2969

COMPANY: COMED

ACCOUNT NUMBER: 19391-05031

METER NUMBER: -



USER NAME = Srahman

PLOT SCALE = 39.998" / in.

PLOT DATE = 12/9/2024

DESIGNED - TM

DRAWN - TM

CHECKED - AS

DATE - 12-09-2024

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN
(NOT TO SCALE)

CABLE PLAN AND SCHEDULE OF QUANTITIES
GREEN BAY ROAD AND KENILWORTH AVENUE
GREEN BAY ROAD AND PARK DRIVE

SCALE: NTS

SHEET 1 OF 1 SHEETS

STA.

TO STA.

F.A.U
RTE.

SECTION

2744

2024-951-RS, SW

COUNTY

COOK

CONTRACT NO.

62W73

TOTAL
SHEETS

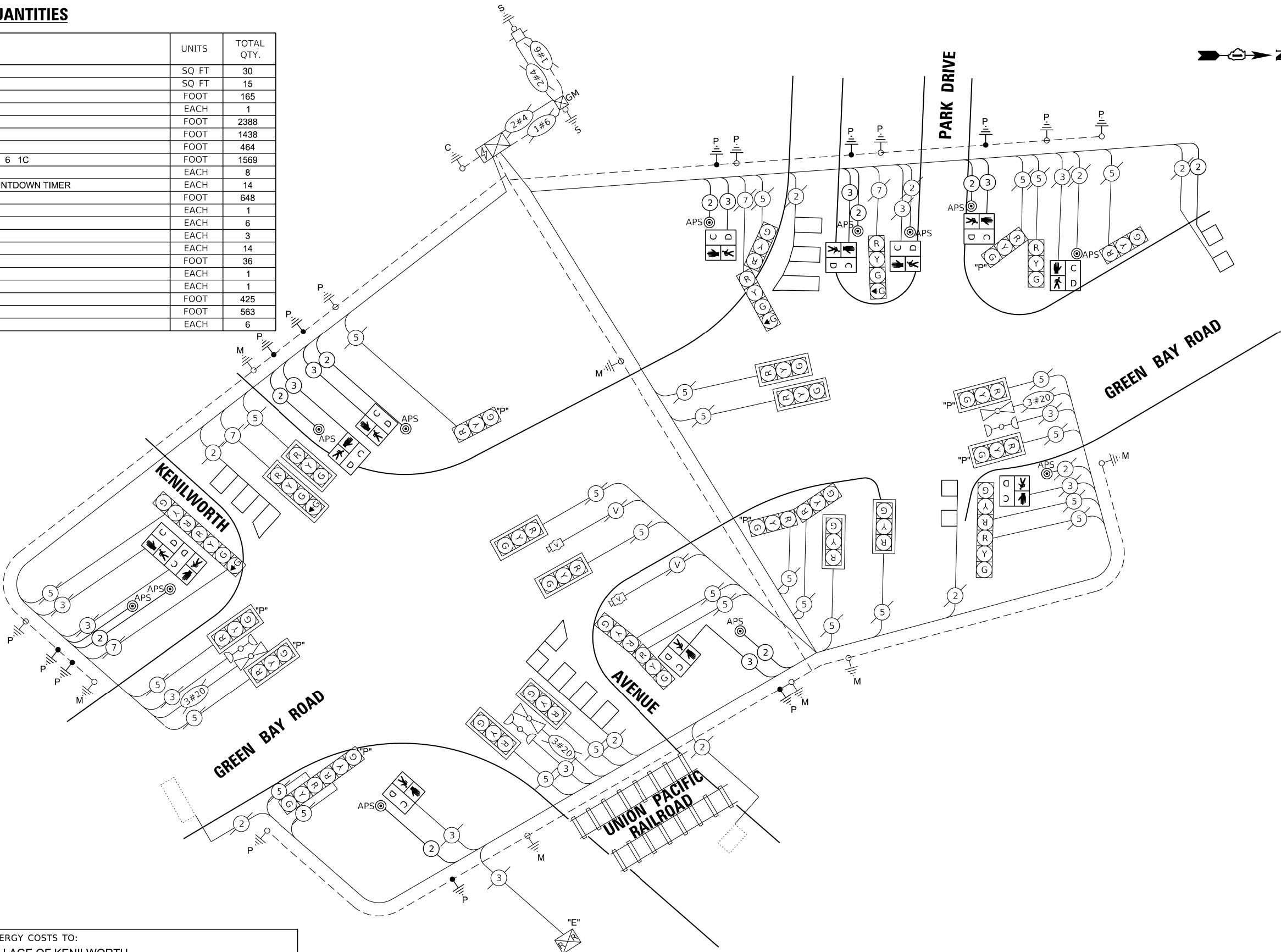
114

SHEET
NO.

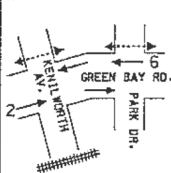
71

ILLINOIS FED. AID PROJECT

TS 13845



PROPOSED SEQUENCE OF OPERATION

MOVEMENT									FLASH
PHASE	2 + 6				4 + 8				
INTERVAL	1	2	3A	3B	4	5	6A	6B	
CHANGE TO	4 + 8				2 + 6				
GREEN BAY ROAD ALL SIGNALS	N/B	G	G	Y	R	R	R	R	R
GREEN BAY ROAD ALL SIGNALS	S/B	G	G	Y	R	R	R	R	R
KENILWORTH AVENUE ALL SIGNALS	E/B	R	R	R	R	G	G	Y	R
KENILWORTH AVENUE FAR RIGHT AND NEAR RIGHT SIGNALS	W/B	R	R	R	R	G	G	Y	R
KENILWORTH AVENUE FAR LEFT AND END MAST ARM SIGNALS	W/B	R	R	R	R	G	G	Y	R
PARK DRIVE ALL SIGNALS	E/B	R	R	R	R	G	G	Y	R
PARK DRIVE FAR RIGHT AND NEAR RIGHT SIGNALS	W/B	R	R	R	R	G	G	Y	R
PARK DRIVE FAR LEFT AND MID LEFT SIGNALS	W/B	R	R	R	R	G	G	Y	R
PEDESTRIAN SIGNALS CROSSING KENILWORTH AVE. ON WEST SIDE OF GREEN BAY ROAD	*P	*FH	H	H	H	H	H	H	D
PEDESTRIAN SIGNALS CROSSING PARK DRIVE ON WEST SIDE OF GREEN BAY ROAD	*P	*FH	H	H	H	H	H	H	A
PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD ON NORTH SIDE OF KENILWORTH AVE.	H	H	H	H	*P	*FH	H	H	R
PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD ON SOUTH SIDE OF KENILWORTH AVE.	H	H	H	H	*P	*FH	H	H	
PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD ON NORTH SIDE OF PARK DRIVE	H	H	H	H	*P	*FH	H	H	K

PHASE 2+6 SHALL BE PLACED ON RECALL.

* TO APPEAR ONLY UPON PUSHBUTTON ACTIVATION

** FLASHING "P" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

P = ILLUMINATED PERSON = WALK

FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK

H = ILLUMINATED SOLID HAND = DON'T WALK

PROPOSED RAILROAD PREEMPTION SEQUENCE OF OPERATION

	PREEMPTOR NUMBER 3				PREEMPTOR NUMBER 4				PREEMPTOR NUMBER 2					
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1				4									
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER					2				3					
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	2	3	4	5	CLEAR TO NORMAL SEQUENCE	
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	1D	2	1F	2	1H	2	3	4	5			
GREEN BAY ROAD ALL SIGNALS	N/B	Y	R	R	R	Y	R	R	R	R	R	R	G	Δ
GREEN BAY ROAD ALL SIGNALS	S/B	Y	R	R	R	Y	R	R	R	R	R	R	G	Δ
KENILWORTH AVENUE ALL SIGNALS	E/B	R	R	Y	R	R	R	Y	R	R	R	R	R	Δ
KENILWORTH AVENUE FAR RIGHT AND NEAR RIGHT SIGNALS	W/B	R	R	G	G	R	R	G	G	G	Y	R	R	Δ
KENILWORTH AVENUE FAR LEFT AND END MAST ARM SIGNALS	W/B	R	R	G	G	R	R	G	G	G	Y	R	R	Δ
PARK DRIVE ALL SIGNALS	E/B	R	R	Y	R	R	R	Y	R	R	R	R	R	Δ
PARK DRIVE FAR RIGHT AND NEAR RIGHT SIGNALS	W/B	R	R	G	G	R	R	G	G	G	Y	R	R	Δ
PARK DRIVE FAR LEFT AND MID LEFT SIGNALS	W/D	R	R	G	G	R	R	G	G	G	Y	R	R	Δ
PEDESTRIAN SIGNALS CROSSING KENILWORTH AVE. ON WEST SIDE OF GREEN BAY ROAD	FH	H	H	H	H	H	H	H	H	H	H	H	H	Δ
PEDESTRIAN SIGNALS CROSSING PARK DRIVE ON WEST SIDE OF GREEN BAY ROAD	FH	H	H	H	H	H	H	H	H	H	H	H	H	Δ
PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD ON NORTH SIDE OF KENILWORTH AVE.	H	H	FH	H	H	H	H	H	H	H	H	H	H	Δ
PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD ON SOUTH SIDE OF KENILWORTH AVE.	H	H	FH	H	H	H	H	H	H	H	H	H	H	Δ
PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD ON NORTH SIDE OF PARK DRIVE	H	H	FH	H	H	H	H	H	H	H	H	H	H	Δ

Δ RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY AN EMERGENCY VEHICLE INTERVAL (IF APPLICABLE) AFTER RAILROAD PREEMPTION INTERVAL 5 IS TERMINATED.

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION									PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4		
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	1			4			4			CLEAR TO NORMAL SEQUENCE	
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	2	3		
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2	1C	1D	3	1F	1G	2	3			◇	
GREEN BAY ROAD ALL SIGNALS	N/B	G	G	Y	R	R	R	R	R	G	R	◇
GREEN BAY ROAD ALL SIGNALS	S/B	G	G	Y	R	R	R	R	R	G	R	◇
KENILWORTH AVENUE ALL SIGNALS	E/B	R	R	R	R	G	Y	R	G	R	G	◇
KENILWORTH AVENUE FAR RIGHT AND NEAR RIGHT SIGNALS	W/B	R	R	R	R	G	Y	R	G	R	G	◇
KENILWORTH AVENUE FAR LEFT AND END MAST ARM SIGNALS	W/B	R	R	R	R	G	Y	R	G	R	G	◇
PARK DRIVE ALL SIGNALS	E/B	R	R	R	R	G	Y	R	G	R	G	◇
PARK DRIVE FAR RIGHT AND NEAR RIGHT SIGNALS	W/B	R	R	R	R	G	Y	R	G	R	G	◇
PARK DRIVE FAR LEFT AND MID LEFT SIGNALS	W/B	R	R	R	R	G	Y	R	G	R	G	◇
PEDESTRIAN SIGNALS CROSSING KENILWORTH AVE. ON WEST SIDE OF GREEN BAY ROAD		FH	FH	H	H	H	H	H	H	H	H	◇
PEDESTRIAN SIGNALS CROSSING PARK DRIVE ON WEST SIDE OF GREEN BAY ROAD		FH	FH	H	H	H	H	H	H	H	H	◇
PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD ON NORTH SIDE OF KENILWORTH AVE.		H	H	H	H	FH	H	H	FH	H	H	◇
PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD ON SOUTH SIDE OF KENILWORTH AVE.		H	H	H	H	FH	H	H	FH	H	H	◇
PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD ON NORTH SIDE OF PARK DRIVE		H	H	H	H	FH	H	H	FH	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 INTERVAL 2 OR 3 IS TERMINATED.

P = ILLUMINATED PERSON = WALK

FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK

H = ILLUMINATED SOLID HAND = DON'T WALK

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATION
GREEN BAY ROAD AND KENILWORTH AVENUE
GREEN BAY ROAD AND PARK DRIVE

SCALE: NTS

SHEET 1

OF 1 SHEETS

STA.

TO STA.

F.A.U. RTE.

SECTION

2744

2024-951-RS, SW

ILLINOIS

FED. AID PROJECT

COUNTY

COOK

TOTAL SHEETS

114

SHEET NO.

72

CONTRACT NO.

62W73

USER NAME = Srahman	DESIGNED - TM	REVISED -
DRAWN - TM	REVISED -	
PLOT SCALE = 39.9984' / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

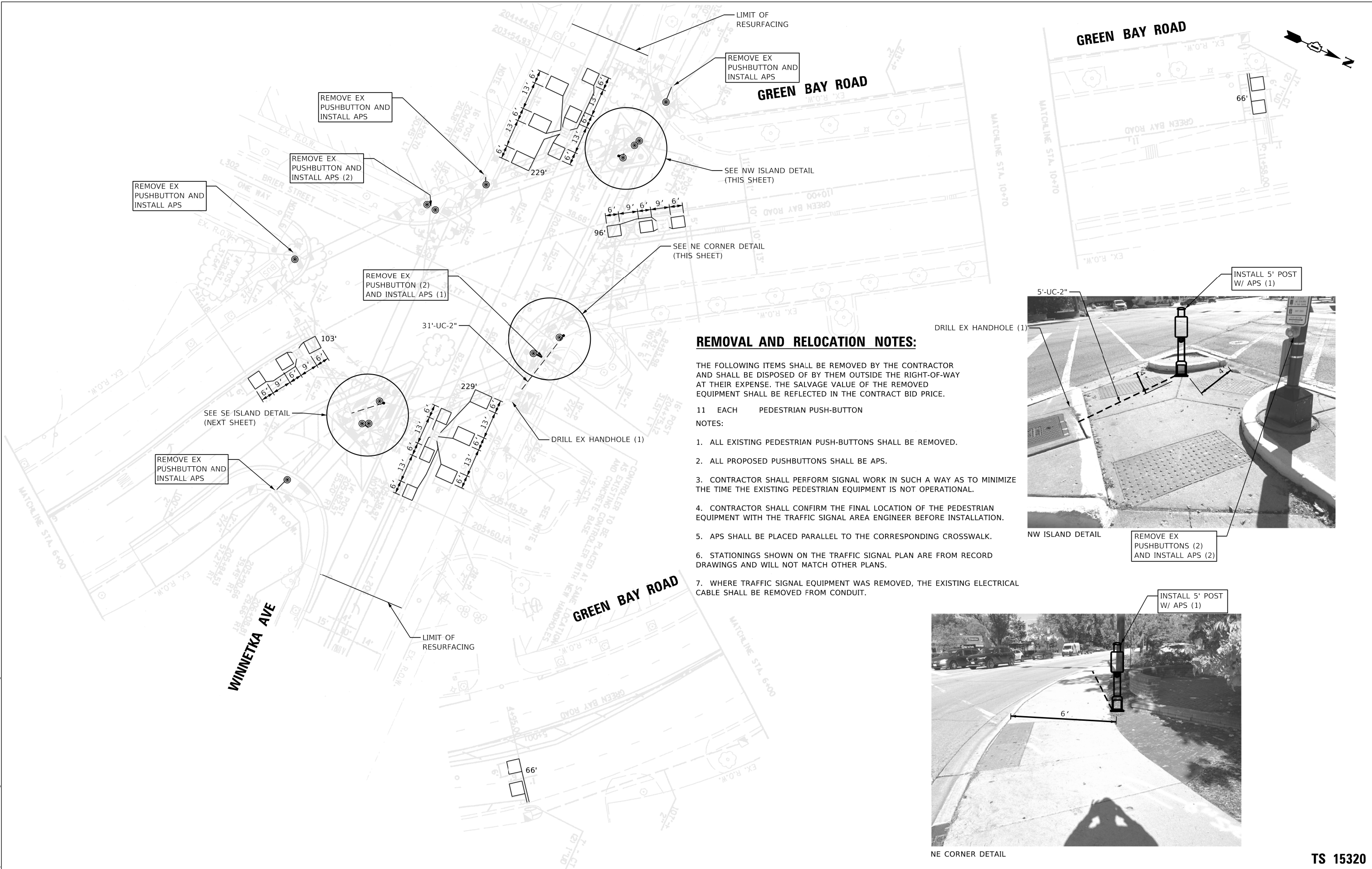
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 2)
GREEN BAY ROAD AND WINNETKA AVENUE

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	73
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

TS 15320

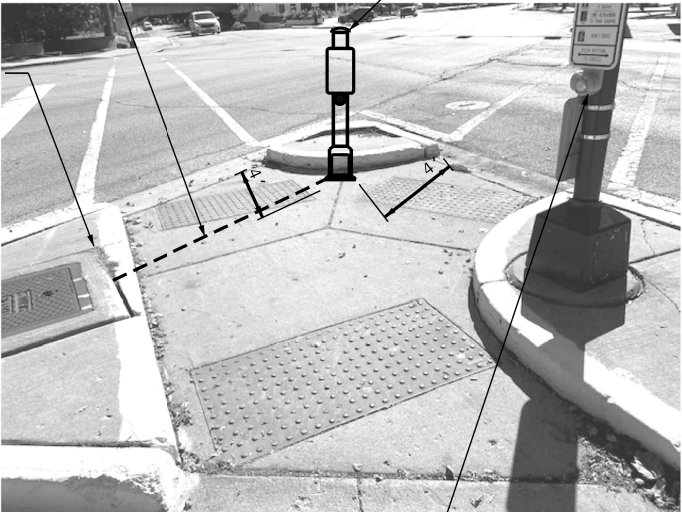


REMOVAL AND RELOCATION NOTES:

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 CONTRACT BID PRICE.

11 EACH PEDESTRIAN PUSH-BUTTON
NOTES:

- ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
- ALL PROPOSED PUSHBUTTONS SHALL BE APS.
- CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
- CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- STATIONINGS SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
- WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.



NW ISLAND DETAIL



NE CORNER DETAIL



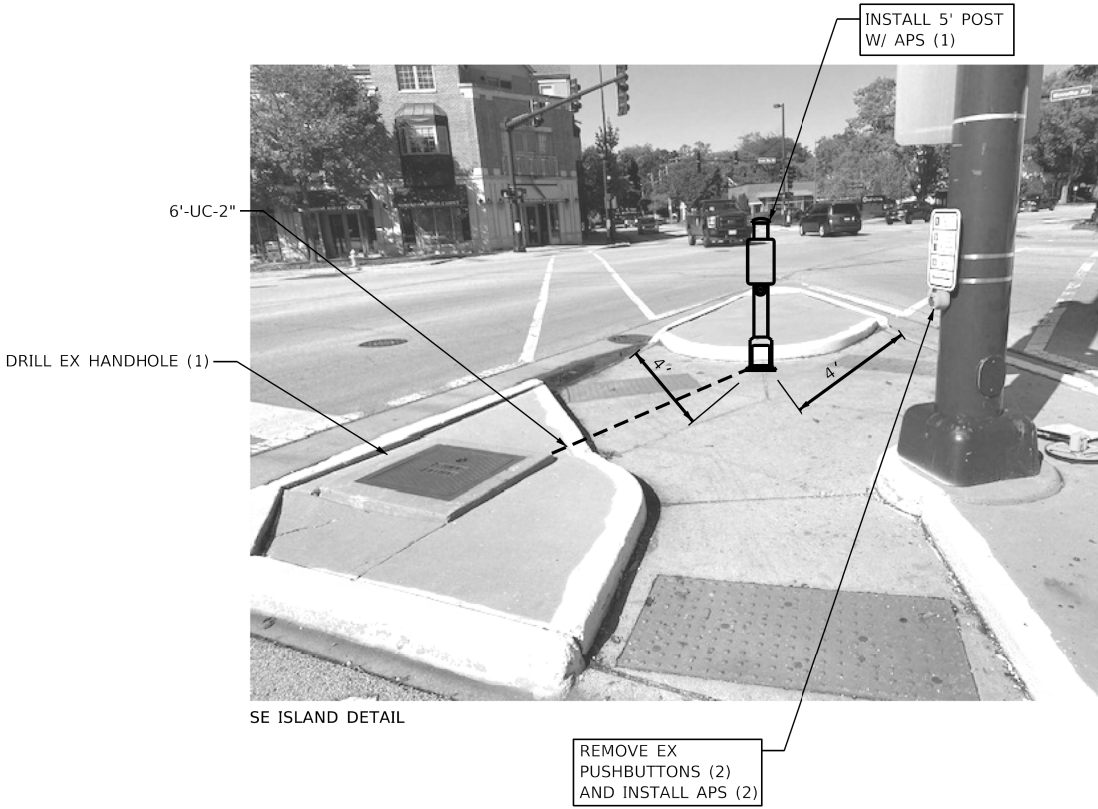
USER NAME = Srahman	DESIGNED - TM	REVISED -
	DRAWN - TM	REVISED -
PLOT SCALE = 39.9984' / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

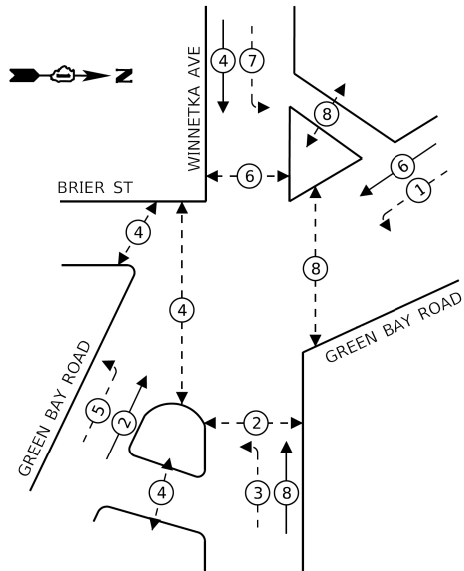
TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 2 OF 2)
GREEN BAY ROAD AND WINNETKA AVENUE

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	74
CONTRACT NO. 62W73				
		ILLINOIS	FED. AID PROJECT	



EXISTING AND
PROPOSED CONTROLLER SEQUENCE



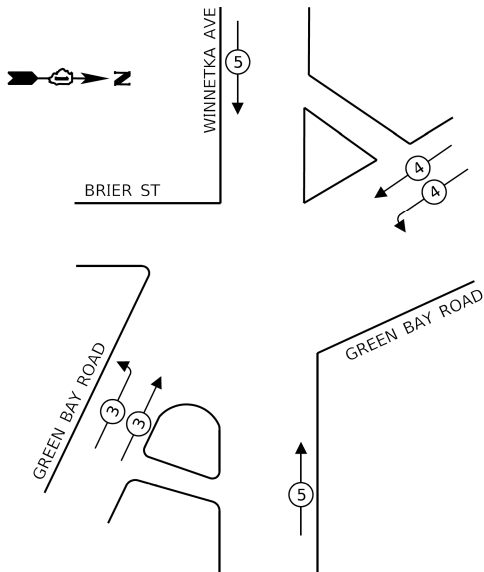
LEGEND:

- ← (⊙) → PROTECTED PHASE
- ← - (⊙) - PROTECTED/PERMITTED PHASE
- ← (⊙) → PEDESTRIAN PHASE
- ← (⊙) OL → OVERLAP

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	42
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	464
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	536
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	384
DRILL EXISTING HANDHOLE	EACH	3
DETECTOR LOOP, TYPE I	FOOT	788
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	186
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5'	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	14
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	12
MODIFY EXISTING CONTROLLER CABINET	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL I	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	447
PAINT NEW PEDESTRIAN PUSH-BUTTON POST	EACH	3

EXISTING AND
PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	7	11	77
4-SECTION	-	14	-
5-SECTION	5	13	65
PROGRAMMABLE 3-SECTION	1	22	22
4-SECTION	-	32	-
5-SECTION	3	28	84
PEDESTRIAN SIGNAL	14	15	210
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			633
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1238

ENERGY COSTS TO:

VILLAGE OF WINNETKA
510 GREEN BAY ROAD
WINNETKA, IL 60093

ENERGY SUPPLY:

CONTACT: -

PHONE: 847-501-6000

COMPANY: VILLAGE OF WINNETKA

ACCOUNT NUMBER: -

METER NUMBER: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
GREEN BAY ROAD AND WINNETKA AVE

SCALE: NTS

SHEET 1

OF 1

SHEETS

STA.

TO STA.

F.A.U.

RTE.

2744

SECTION

2024-951-RS, SW

COUNTY

COOK

TOTAL

SHEETS

114

SHEET

NO.

75

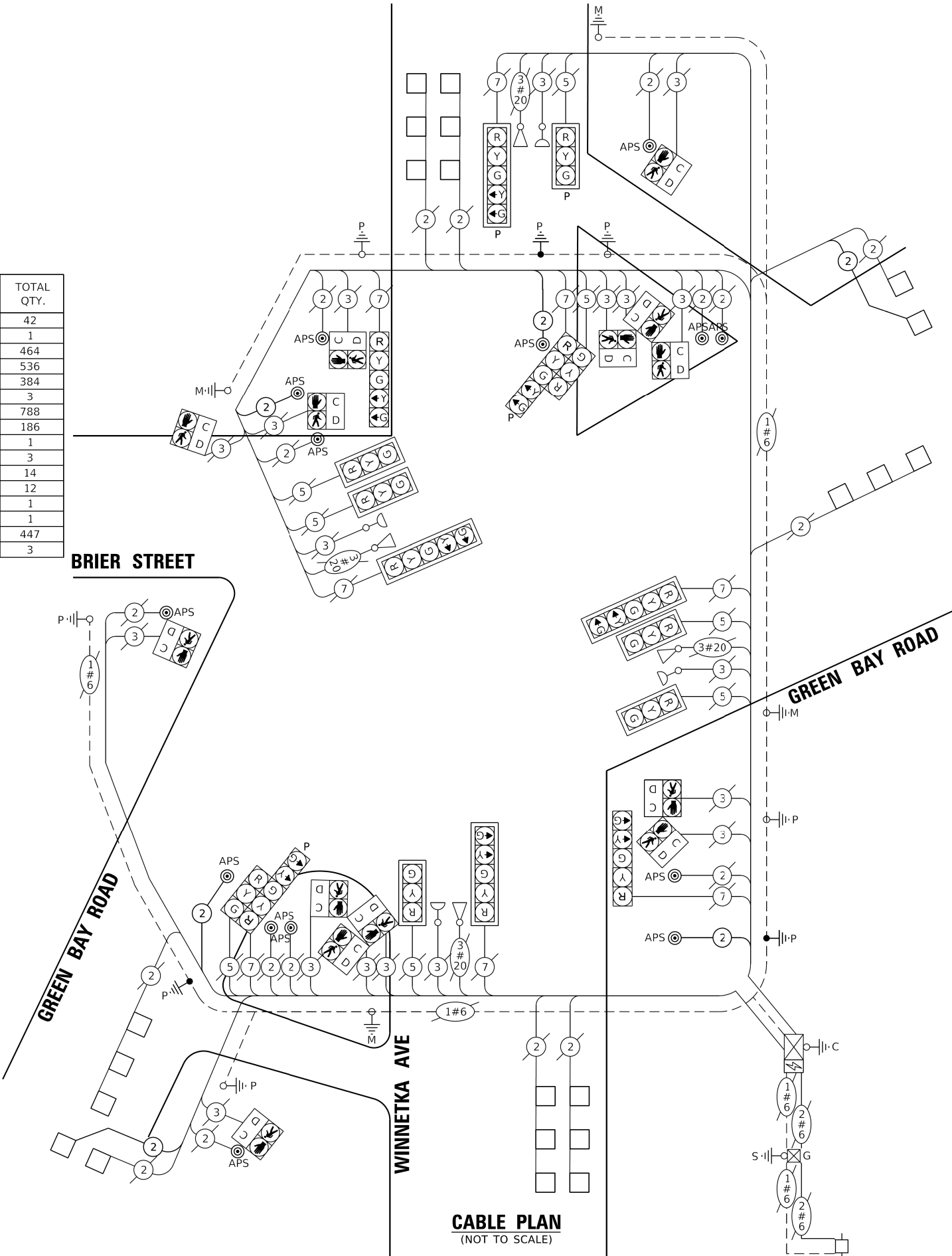
CONTRACT NO. 62W73

ILLINOIS

FED. AID PROJECT

TS 15320

CABLE PLAN
(NOT TO SCALE)



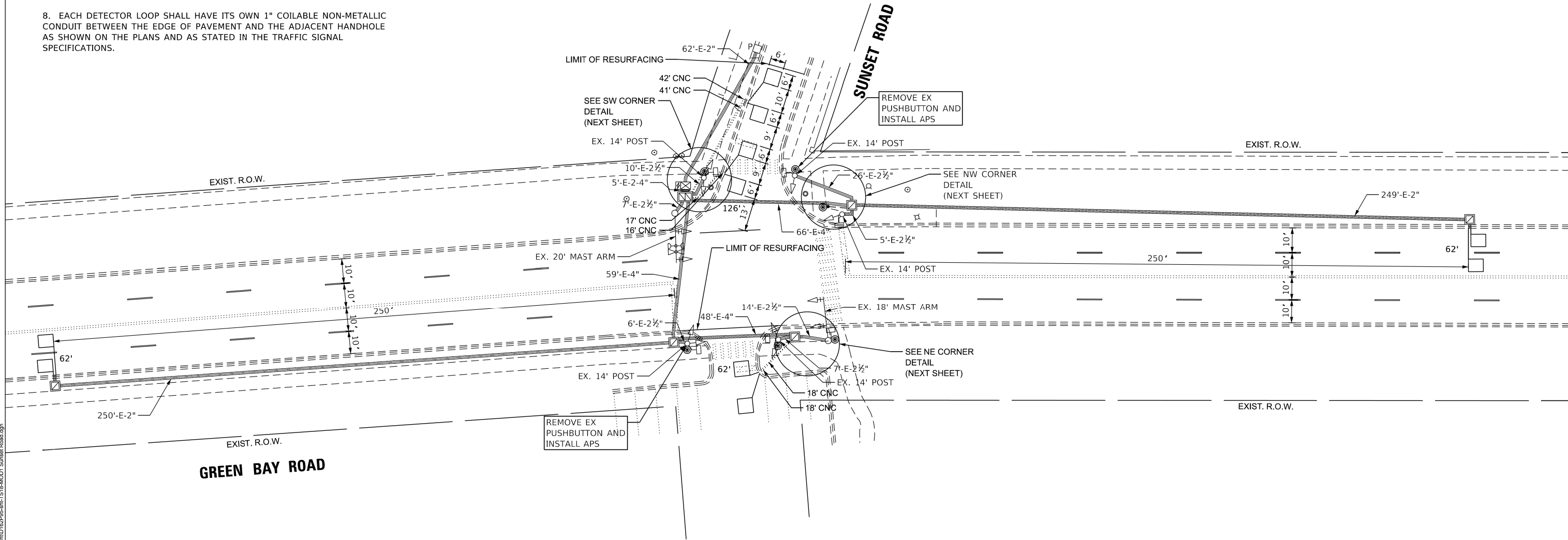
REMOVAL AND RELOCATION NOTES:

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 CONTRACT BID PRICE.

6 EACH PEDESTRIAN PUSHBUTTON

NOTES:

- ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
- ALL PROPOSED PUSHBUTTONS SHALL BE APS.
- CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
- CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- STATIONINGS SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
- WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.
- EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



TS SHT NO. 18

MODEL: Default
FILE NAME: F:\Projects\1078-VY Phase II - Interchange\Design\Sht18\TS18-MOD1 Sunset Road.dgn

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = Srahman	DESIGNED - TM	REVISED -
DRAWN - TM	REVISED -	
PLOT SCALE = 39.9984' / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

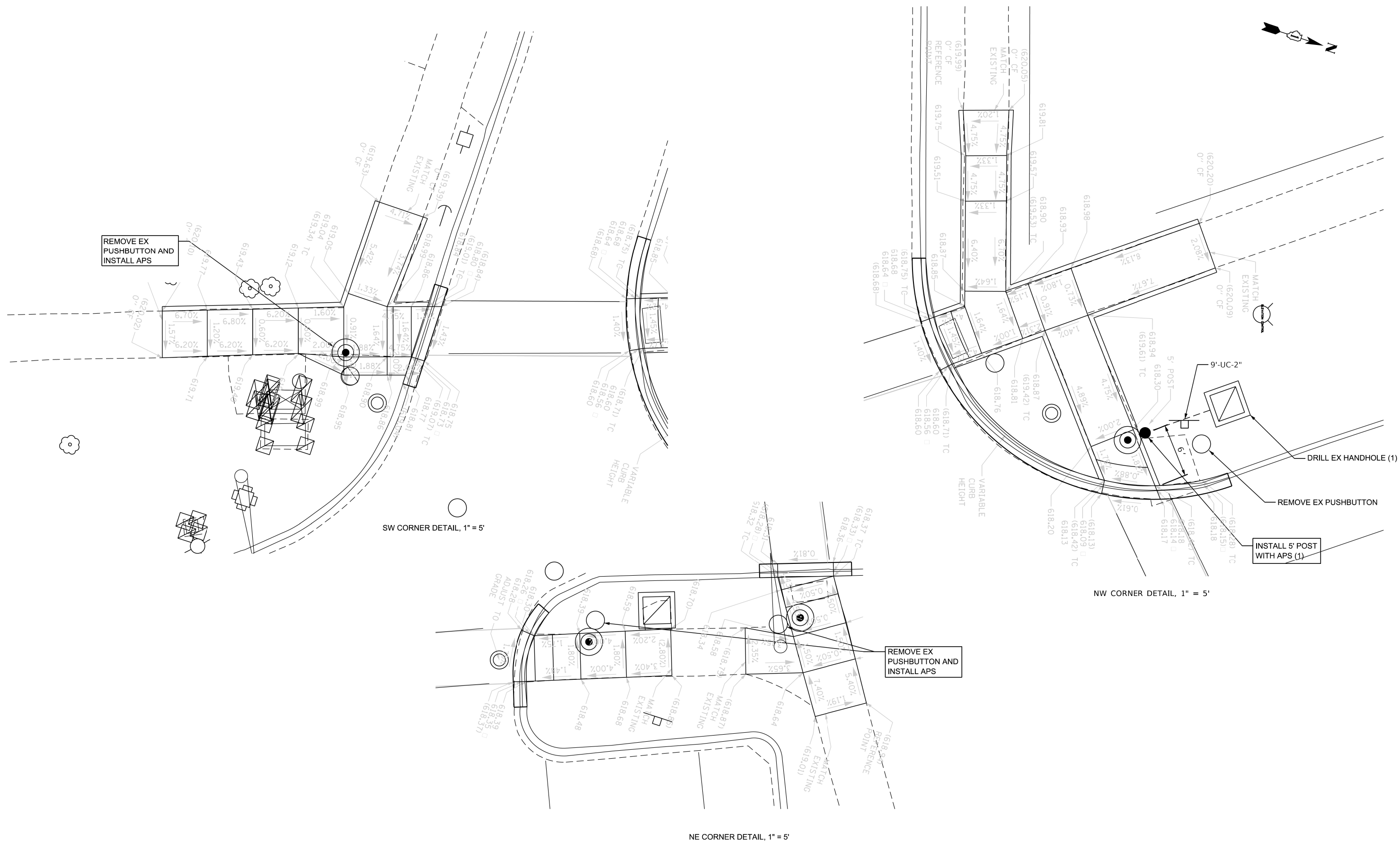
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 2)
GREEN BAY ROAD AND SUNSET ROAD

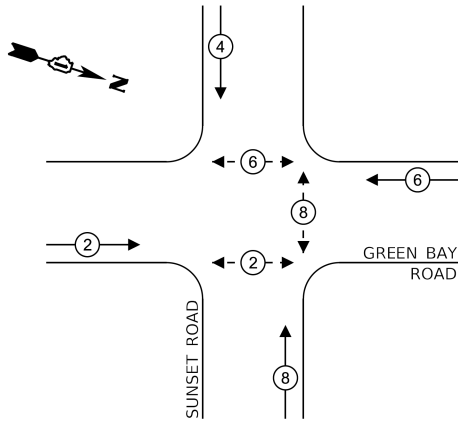
SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	76
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

TS 15325



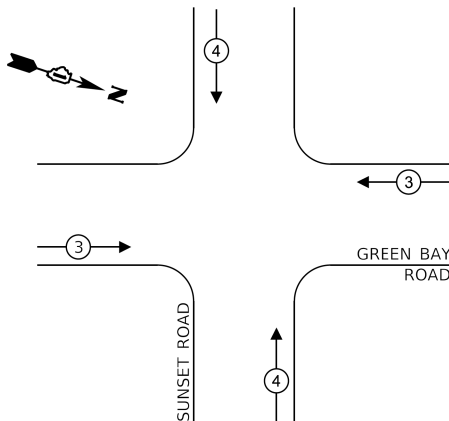
EXISTING AND
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (⊙) → PROTECTED PHASE
- ← - (⊙) - → PROTECTED/PERMITTED PHASE
- ← (⊙) → PEDESTRIAN PHASE
- ← (⊙) OL → OVERLAP

EXISTING AND
PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	12	11	132
4-SECTION	-	14	-
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	6	15	90
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			397
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1002

ENERGY COSTS TO:

VILLAGE OF WINNETKA
510 GREEN BAY ROAD
WINNETKA, IL 60093

ENERGY SUPPLY:

CONTACT: DANIEL MENDEZ

PHONE: 773-799-6111

COMPANY: COMED

ACCOUNT NUMBER: 39550-97030

METER NUMBER: -



USER NAME =	Srahman
DESIGNED -	TM
DRAWN -	TM
CHECKED -	AS
DATE -	12-09-2024
PLOT SCALE =	39.998' / in.
PLOT DATE =	12/9/2024

REVISED -	-
REVISED -	-
REVISED -	-
REVISED -	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
GREEN BAY ROAD AND SUNSET ROAD

SCALE: NTS

SHEET 1

OF 1

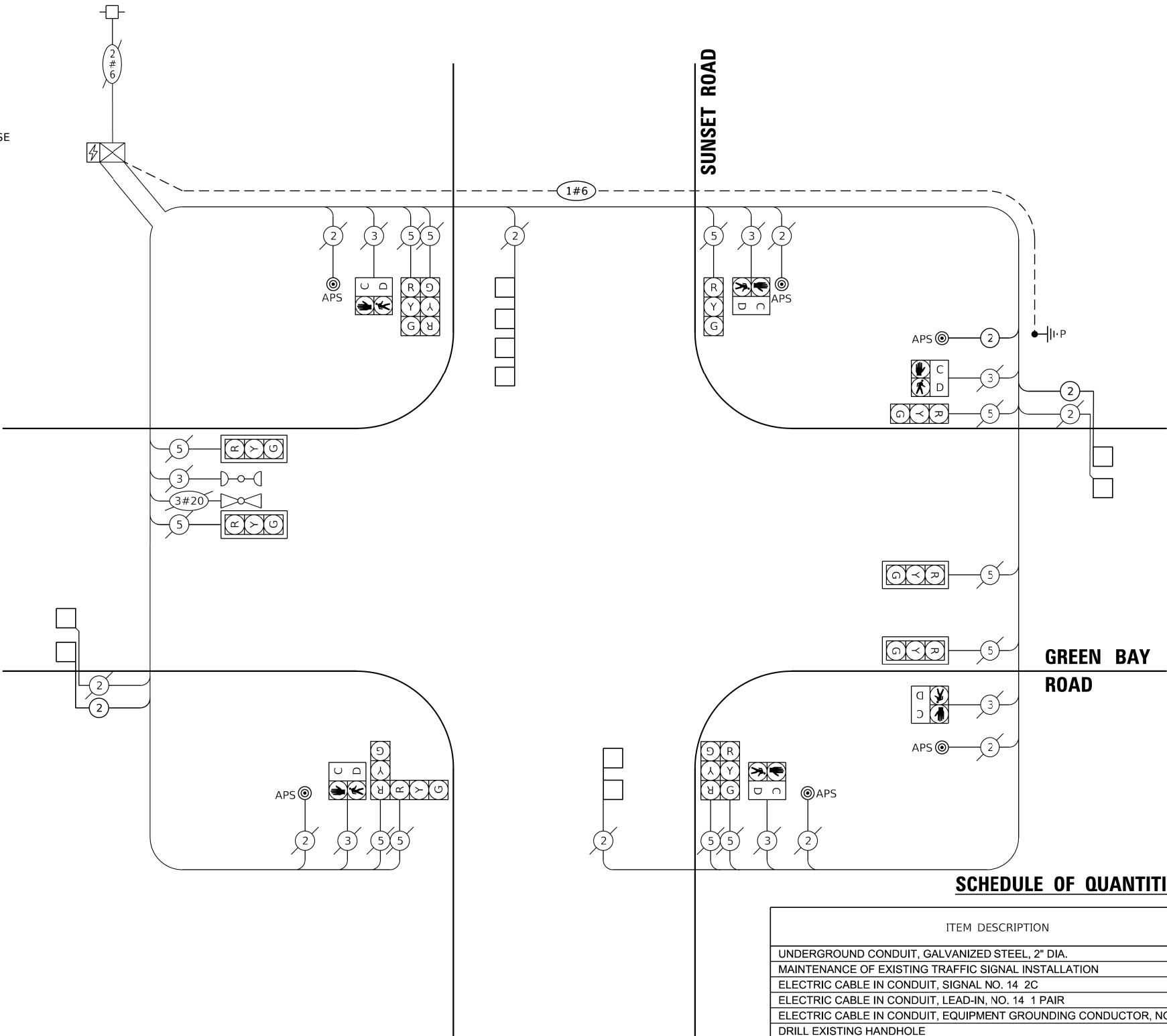
SHEETS

STA.

TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	78
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

TS 15325



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	9
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	110
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	693
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	88
DRILL EXISTING HANDHOLE	EACH	1
DETECTOR LOOP, TYPE I	FOOT	312
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	223
PEDESTRIAN SIGNAL POST, 5'	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL I	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	348
PAINT NEW PEDESTRIAN PUSH-BUTTON POST	EACH	1

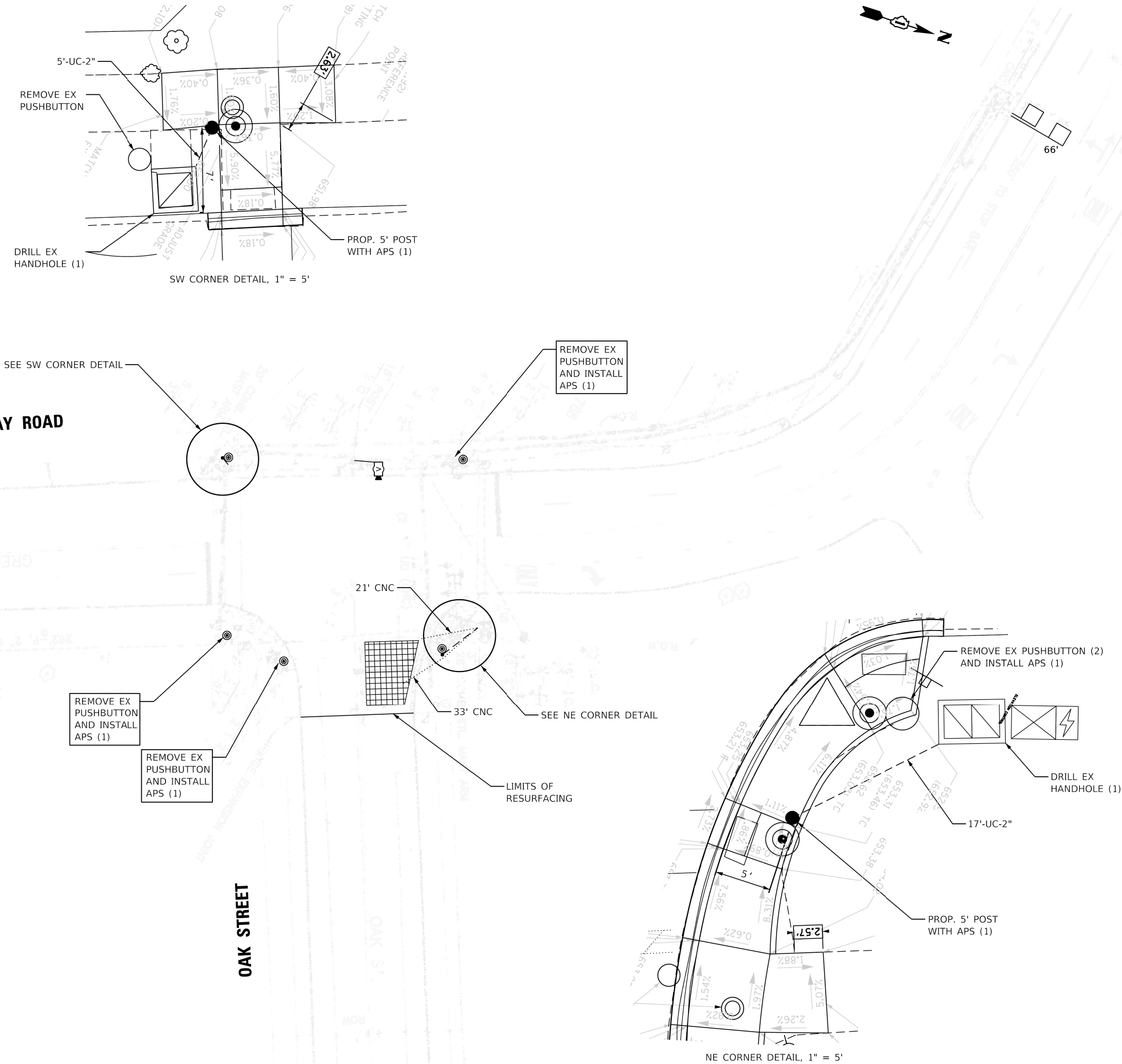
REMOVAL AND RELOCATION NOTES:

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 CONTRACT BID PRICE.

6 EACH PEDESTRIAN PUSH-BUTTON

NOTES:

- ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
- ALL PROPOSED PUSHBUTTONS SHALL BE APS.
- CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
- CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- STATIONINGS SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
- WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.
- EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



TS SHT NO. 21

MODEL: Default
FILE NAME: F:\Projects\1078-VY Phase II - Itera\Design\SHD\62P65-sh1-TS21-MOD Oak Street.dgn

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = Srahman	DESIGNED - TM	REVISED -
	DRAWN - TM	REVISED -
PLOT SCALE = 39.9984" / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

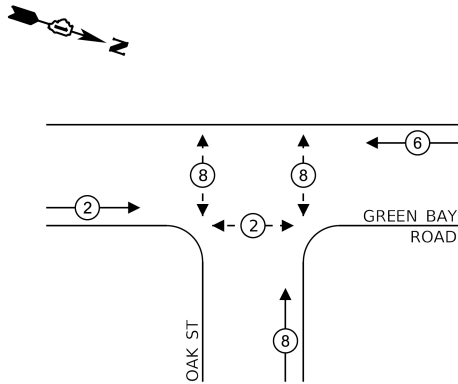
TRAFFIC SIGNAL MODIFICATION PLAN
GREEN BAY ROAD AND OAK STREET

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

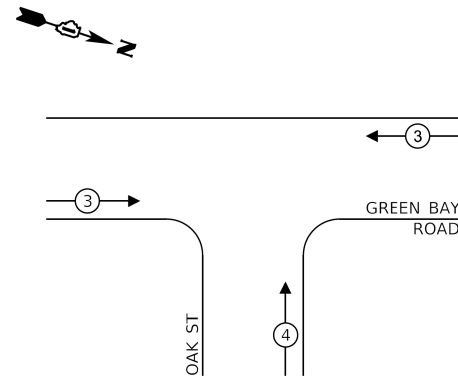
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	79
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

TS 15327

EXISTING AND
PROPOSED CONTROLLER SEQUENCE



EXISTING AND
PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



LEGEND:

- ← (⊙) → PROTECTED PHASE
- ← - (⊙) - PROTECTED/PERMITTED PHASE
- ← (⊙) → PEDESTRIAN PHASE
- ← (⊙) OL OVERLAP

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	22
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	250
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	273
DRILL EXISTING HANDHOLE	EACH	2
DETECTOR LOOP, TYPE I	FOOT	223
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	205
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	1
PEDESTRIAN SIGNAL POST, 5'	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL I	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	311
PAINT NEW PEDESTRIAN PUSH-BUTTON POST	EACH	2

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

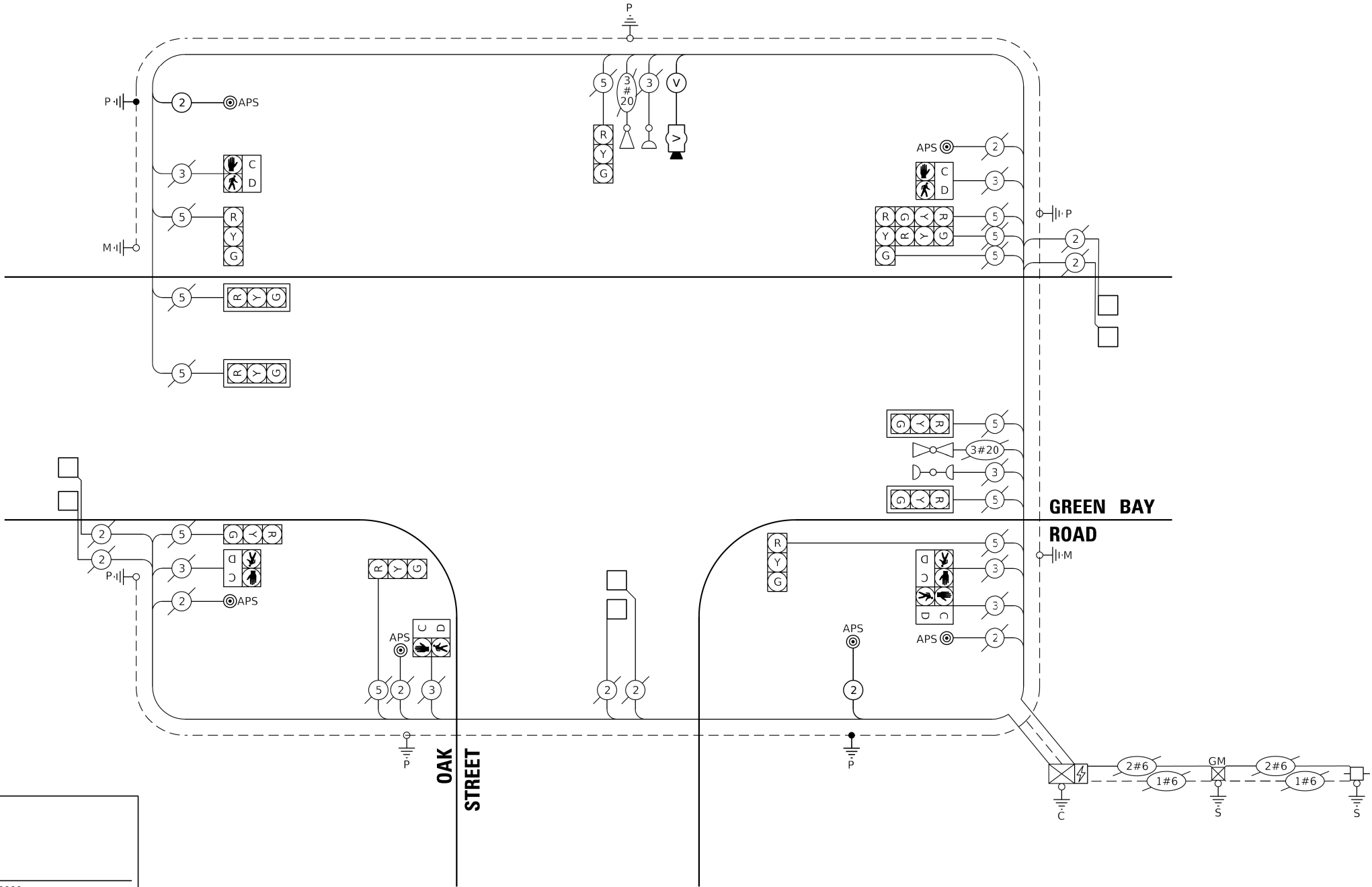
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	12	11	132
4-SECTION	-	14	-
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	6	15	90
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	1	20	20
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			417
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1022

ENERGY COSTS TO:

VILLAGE OF WINNETKA
510 GREEN BAY ROAD
WINNETKA, IL 60093

ENERGY SUPPLY:

CONTACT: -
PHONE: 847-501-6000
COMPANY: VILLAGE OF WINNETKA
ACCOUNT NUMBER: -
METER NUMBER: -

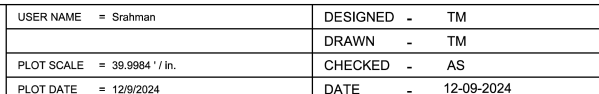


CABLE PLAN
(NOT TO SCALE)

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
GREEN BAY ROAD AND OAK STREET

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

TS 15327



LIMIT OF RESURFACING

LIMIT OF RESURFACING

GREEN BAY ROAD

PINE STREET

- REMOVE EX
PUSHBUTTON AND
INSTALL APS

28' CNC

3' CNC

22

1. 2.

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 CONTRACT BID PRICE.

4 EACH PEDESTRIAN PUSH-BUTTON

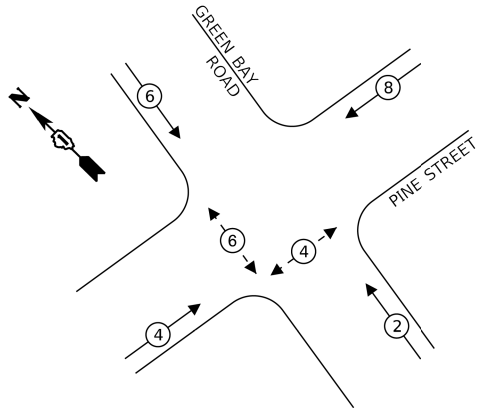
NOTES:

1. ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
2. ALL PROPOSED PUSHBUTTONS SHALL BE APS.
3. CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
4. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
5. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
6. STATIONINGS SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
7. WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.
8. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLAND AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

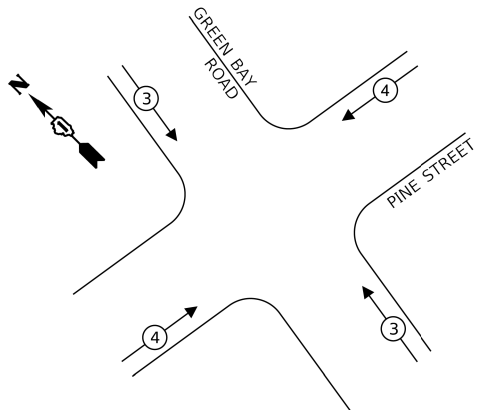
TS 15340

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	81
		CONTRACT NO. 62W73		
ILLINOIS		FED. AID PROJECT		

EXISTING AND
PROPOSED CONTROLLER SEQUENCE



EXISTING AND
PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



LEGEND:

- ← (⊙) → PROTECTED PHASE
- ← - (⊙) - → PROTECTED/PERMITTED PHASE
- ← - (⊙) → PEDESTRIAN PHASE
- ← (⊙) OL → OVERLAP

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	456
DETECTOR LOOP, TYPE I	FOOT	165
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL I	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	331

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

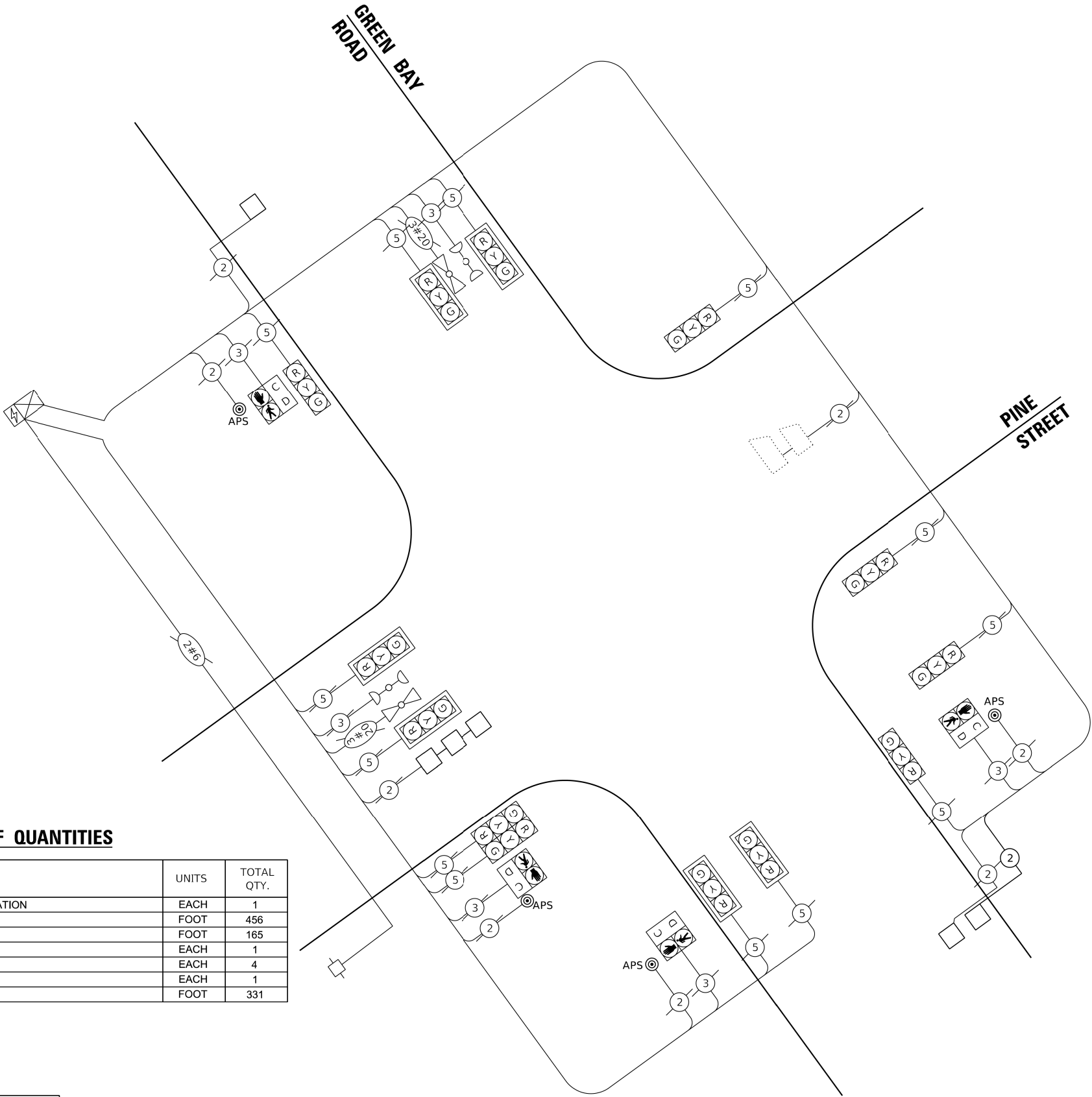
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	13	11	143
4-SECTION	-	14	-
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	4	15	60
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			378
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			983

ENERGY COSTS TO:

VILLAGE OF WINNETKA
510 GREEN BAY ROAD
WINNETKA, IL 60093

ENERGY SUPPLY: CONTACT: DANIEL MENDEZ
PHONE: 773-799-6111
COMPANY: COMED
ACCOUNT NUMBER: 39550-97030
METER NUMBER: -

CABLE PLAN
(NOT TO SCALE)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
GREEN BAY ROAD AND PINE STREET

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

TS 15340

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	82
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = Srahman	DESIGNED - TM	REVISED -
PLOT SCALE = 39.998' / in.	DRAWN - TM	REVISED -
PLOT DATE = 12/9/2024	CHECKED - AS	REVISED -
	DATE - 12-09-2024	REVISED -

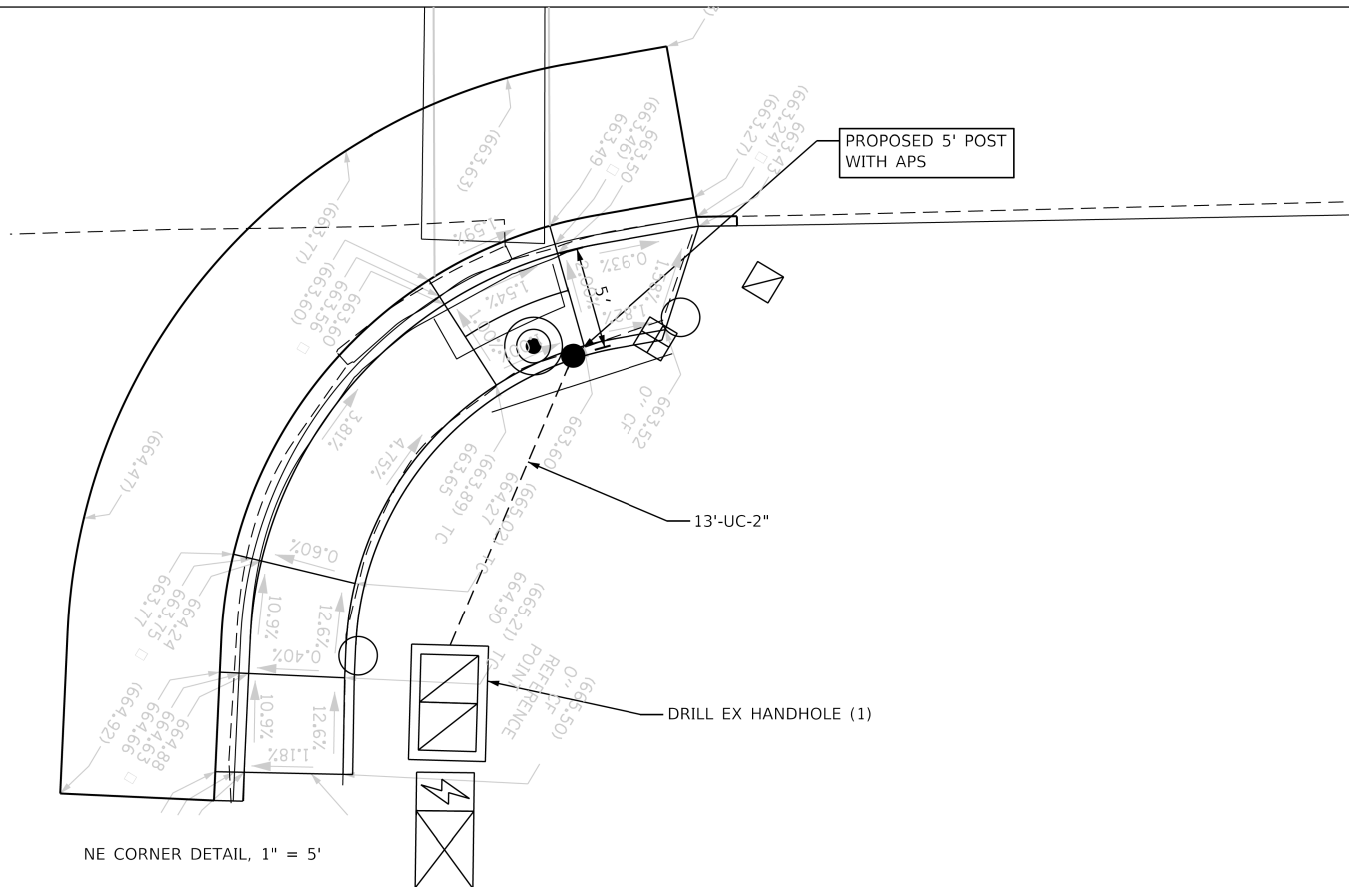
REMOVAL AND RELOCATION NOTES:

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 CONTRACT BID PRICE.

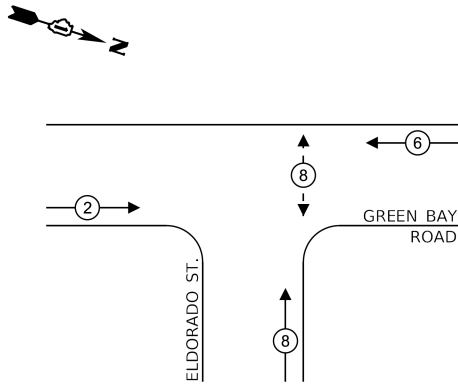
2 EACH PEDESTRIAN PUSH-BUTTON

NOTES:

1. ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
2. ALL PROPOSED PUSHBUTTONS SHALL BE APS.
3. CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
4. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
5. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
6. STATIONINGS SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
7. WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.
8. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



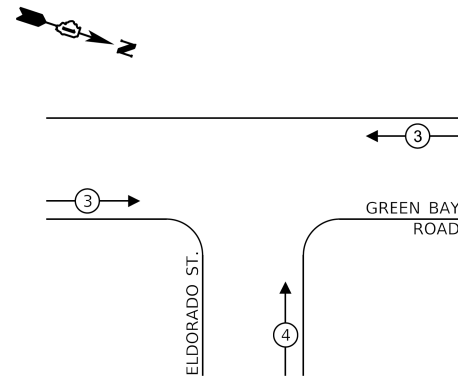
EXISTING AND
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (⊛) ← PROTECTED PHASE
- ← - (⊛) - PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE
- ← (⊛ OL) OVERLAP

EXISTING AND
PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	9	11	99
4-SECTION	-	14	-
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	2	15	30
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			304
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			909

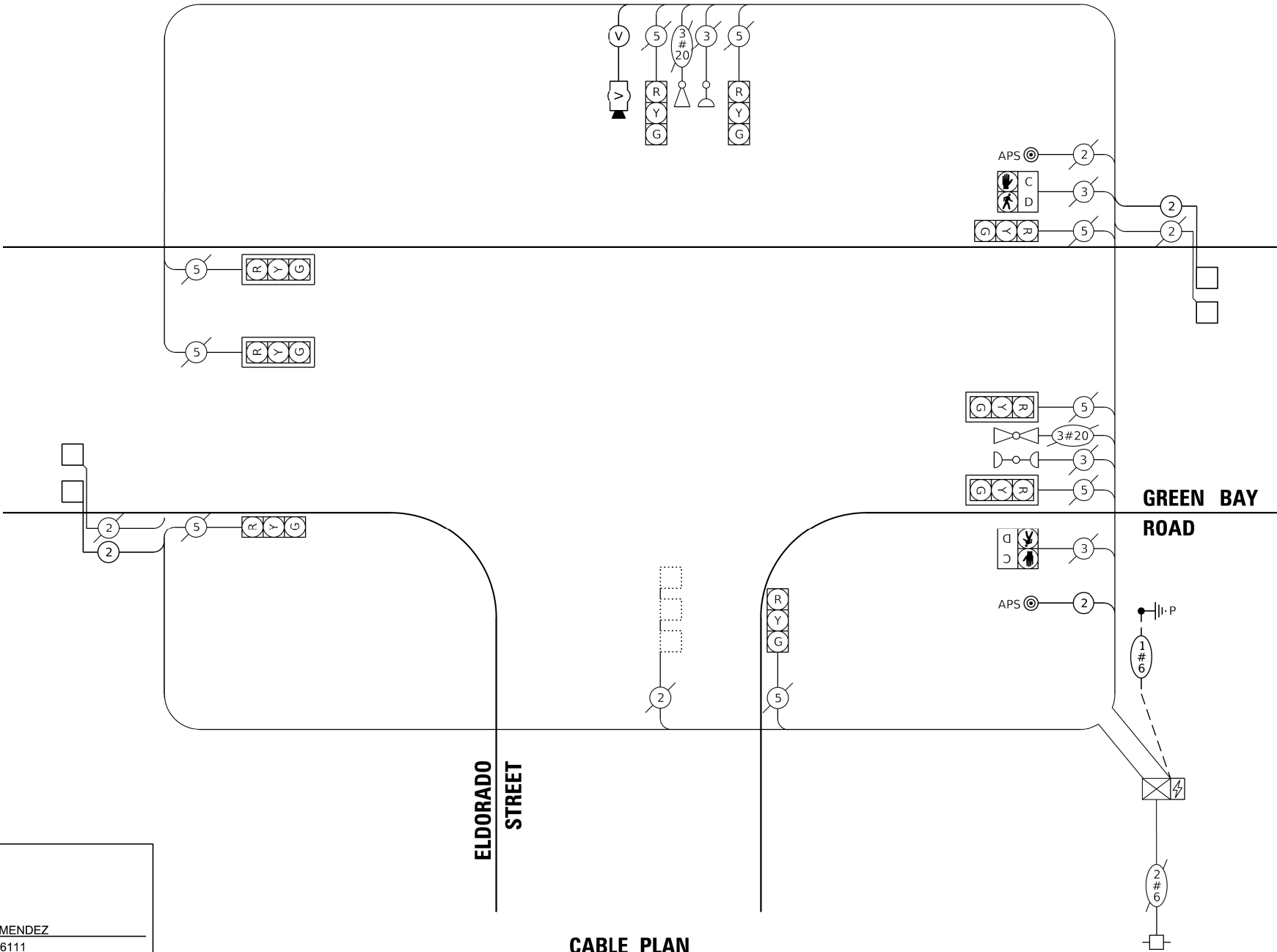
ENERGY COSTS TO:

VILLAGE OF WINNETKA
510 GREEN BAY ROAD
WINNETKA, IL 60093

ENERGY SUPPLY: CONTACT: DANIEL MENDEZ
PHONE: 773-799-6111
COMPANY: COMED
ACCOUNT NUMBER: 39550-97030
METER NUMBER: -

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	13
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	42
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	700
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	26
DRILL EXISTING HANDHOLE	EACH	1
DETECTOR LOOP, TYPE I	FOOT	123
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5'	EACH	1
VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL I	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	296
PAINT NEW PEDESTRIAN PUSH-BUTTON POST	EACH	1

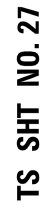


THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY
STORED AND RELOCATED TO THE PROPOSED LOCATION.

- NOTES:

- GREEN BAY ROAD**



MODEL: Default
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USER NAME = Srahman	DESIGNED - TM	REVISED -
	DRAWN - TM	REVISED -
PLOT SCALE = 39.9984 ' / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 3)
GREEN BAY ROAD AND TOWER ROAD

SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA. _____ TO STA. _____
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	85
		CONTRACT NO. 62W73		
ILLINOIS		FED. AID PROJECT		

TS 15350

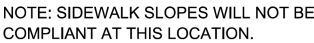
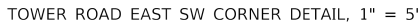
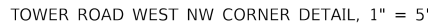
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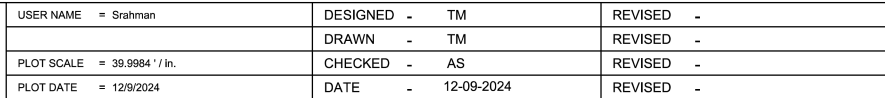
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA.	TO STA.
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TS 15350



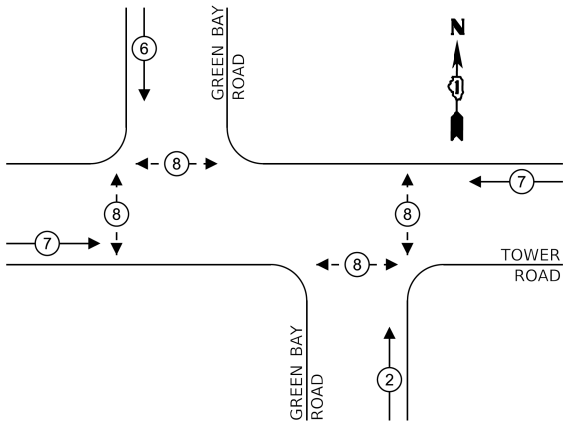
TOWER ROAD EAST SE CORNER DETAIL, 1" = 5'



SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA. TO STA.
---------------	---------------------	--------------

TS 15350

EXISTING AND
PROPOSED CONTROLLER SEQUENCE



NOTE:
ALL PUSHBUTTONS SHALL PLACE A CALL IN PHASE 8.

LEGEND:

- ← (⊙) ← PROTECTED PHASE
- ← (⊙) - PROTECTED/PERMITTED PHASE
- ← (⊙) → PEDESTRIAN PHASE
- ← (⊙) OL OVERLAP

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	15	11	165
4-SECTION	-	14	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	1	22	22
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			534
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1139

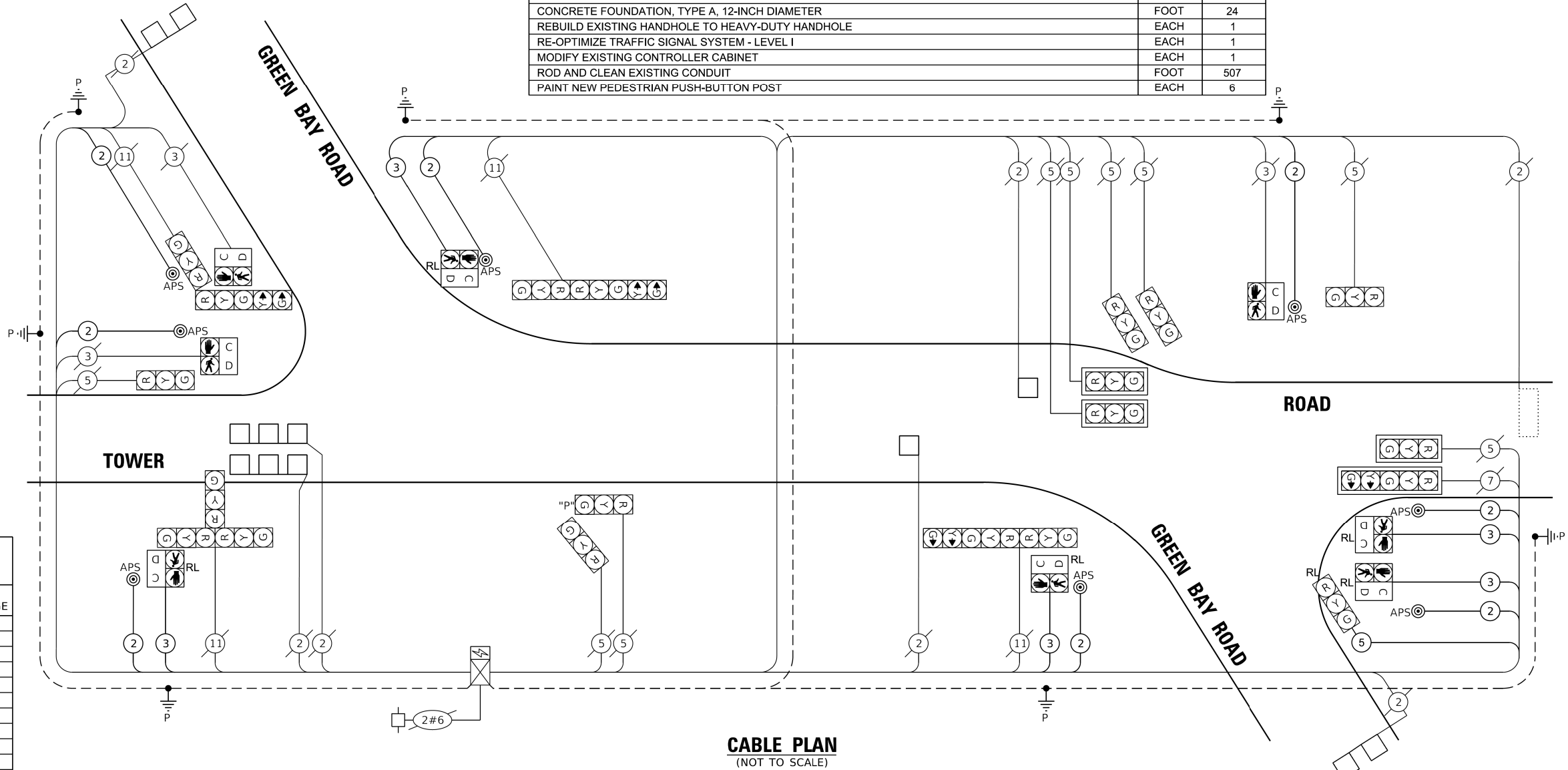
ENERGY COSTS TO:

VILLAGE OF WINNETKA
510 GREEN BAY ROAD
WINNETKA, IL 60093

ENERGY SUPPLY: CONTACT: DANIEL MENDEZ
PHONE: 773-799-6111
COMPANY: COMED
ACCOUNT NUMBER: 39550-97030
METER NUMBER: -

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	93
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	17
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2072
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1403
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	407
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1802
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	7
DETECTOR LOOP, TYPE I	FOOT	399
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	24
REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL I	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	507
PAINT NEW PEDESTRIAN PUSH-BUTTON POST	EACH	6



CABLE PLAN
(NOT TO SCALE)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND SCHEDULE OF QUANTITIES
GREEN BAY ROAD AND TOWER ROAD

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	88
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

TS 15350

USER NAME = Srahman	DESIGNED - TM	REVISED -
PLOT SCALE = 39.998' / in.	DRAWN - TM	REVISED -
PLOT DATE = 12/9/2024	CHECKED - AS	REVISED -
	DATE - 12-09-2024	REVISED -

TS SHT NO. 31

MODEL: Default
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 **AMES Engineering, Inc.**
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = Srahman	DESIGNED - TM	REVISED -
	DRAWN - TM	REVISED -
PLOT SCALE = 39.998' / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATION GREEN BAY ROAD AND TOWER ROAD

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	89
		CONTRACT NO. 62W73		
ILLINOIS		FED. AID PROJECT		

TS 15350

[illegible]

TS2
cabinet.
Neg. OL
Removed

- TO APPEAR ONLY-UPON PUSHBUTTON ACTUATION
- FLASHING "DON'T WALK" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

W = "WALK"
FL
DW = FLASHING "DON'T WALK"
DW = "DON'T WALK"

[illegible]

2. GREEN ARROW RIGHT (G) CHANGES TO YELLOW ARROW RIGHT (Y) IF PEDESTRIAN CALL IS REGISTERED ON PHASE "C" (INTERVALS 2C, + 4s)

3. PEDESTRIAN TIMING WOULD BE DISPLAYED IF PROPER ACTUATION IS RECEIVED - SEE A+B REFER. ACT. (INTERVALS 3 & 5)

REMOVAL AND RELOCATION NOTES:

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 CONTRACT BID PRICE.

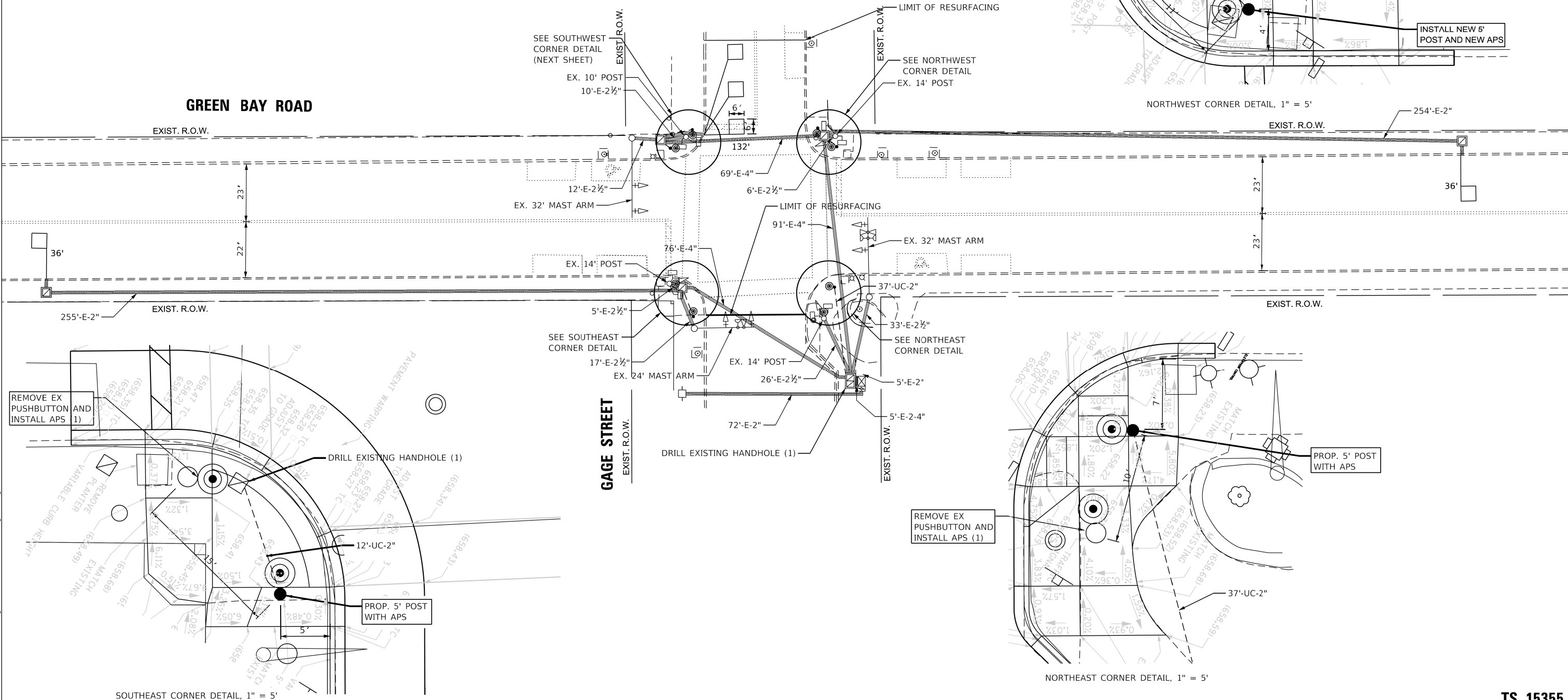
4 EACH PEDESTRIAN PUSH-BUTTON

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED LOCATION.

1 EACH PEDESTRIAN SIGNAL POST, 10'
2 EACH PEDESTRIAN SIGNAL HEAD

NOTES:

- ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
- ALL PROPOSED PUSHBUTTONS SHALL BE APS.
- CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
- CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- STATIONINGS SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
- WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.
- ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.





USER NAME = Srahman	DESIGNED - TM	REVISED -
	DRAWN - TM	REVISED -
PLOT SCALE = 39.9984' / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

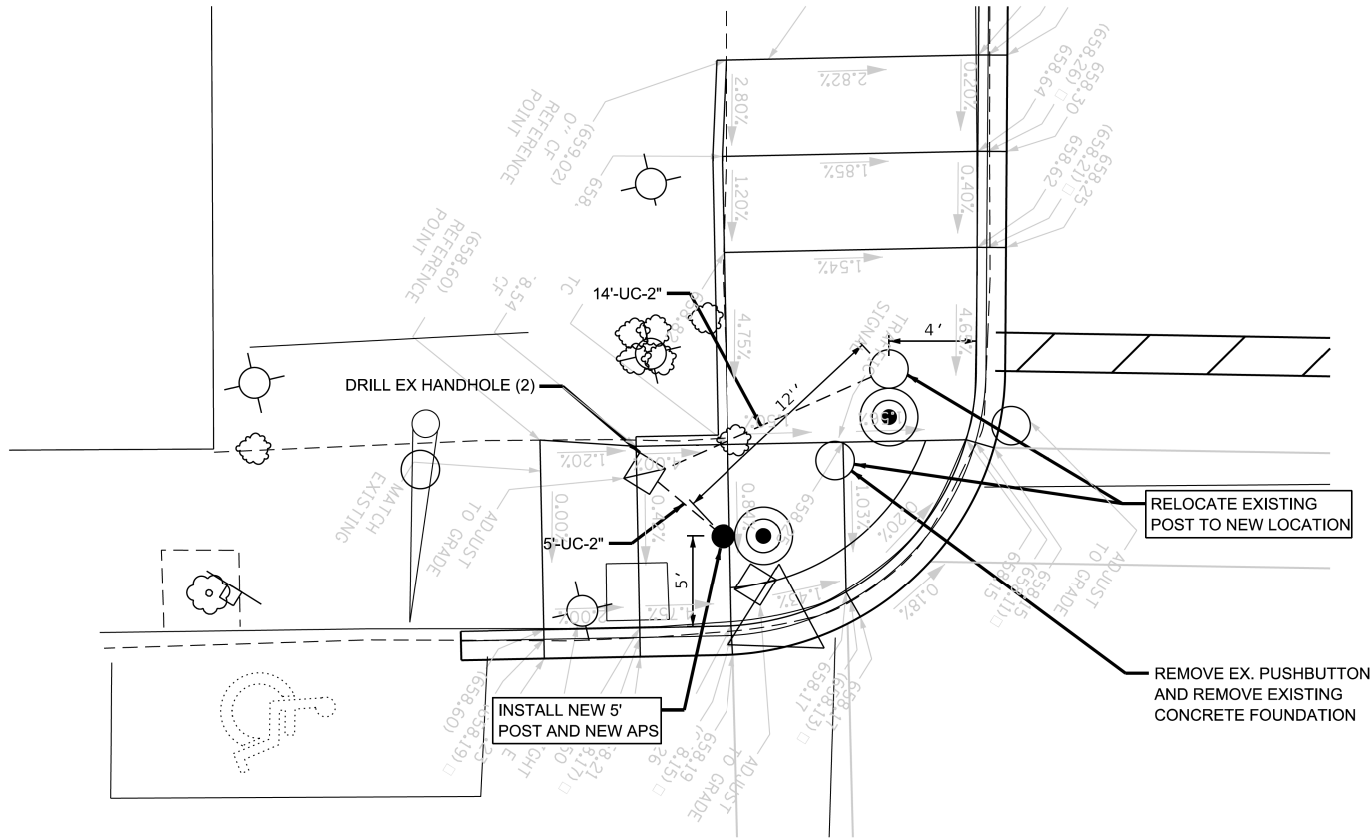
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 2 OF 2)
GREEN BAY ROAD AND GAGE STREET

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

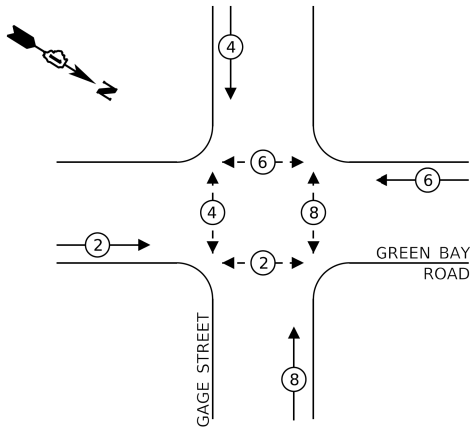
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	91
CONTRACT NO. 62W73				
		ILLINOIS	FED. AID PROJECT	

TS 15355

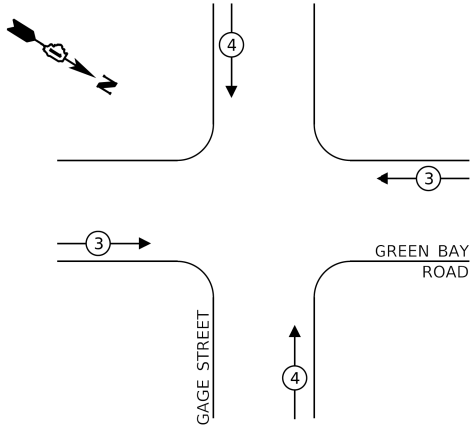


SOUTHWEST CORNER DETAIL, 1" = 5'

EXISTING AND
PROPOSED CONTROLLER SEQUENCE



EXISTING AND
PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



LEGEND:

- ← ⊙ → PROTECTED PHASE
- ← ⊙ - - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	9	11	99
4-SECTION	-	14	-
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			394
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			999

ENERGY COSTS TO:

VILLAGE OF WINNETKA
510 GREEN BAY ROAD
WINNETKA, IL 60093

ENERGY SUPPLY:

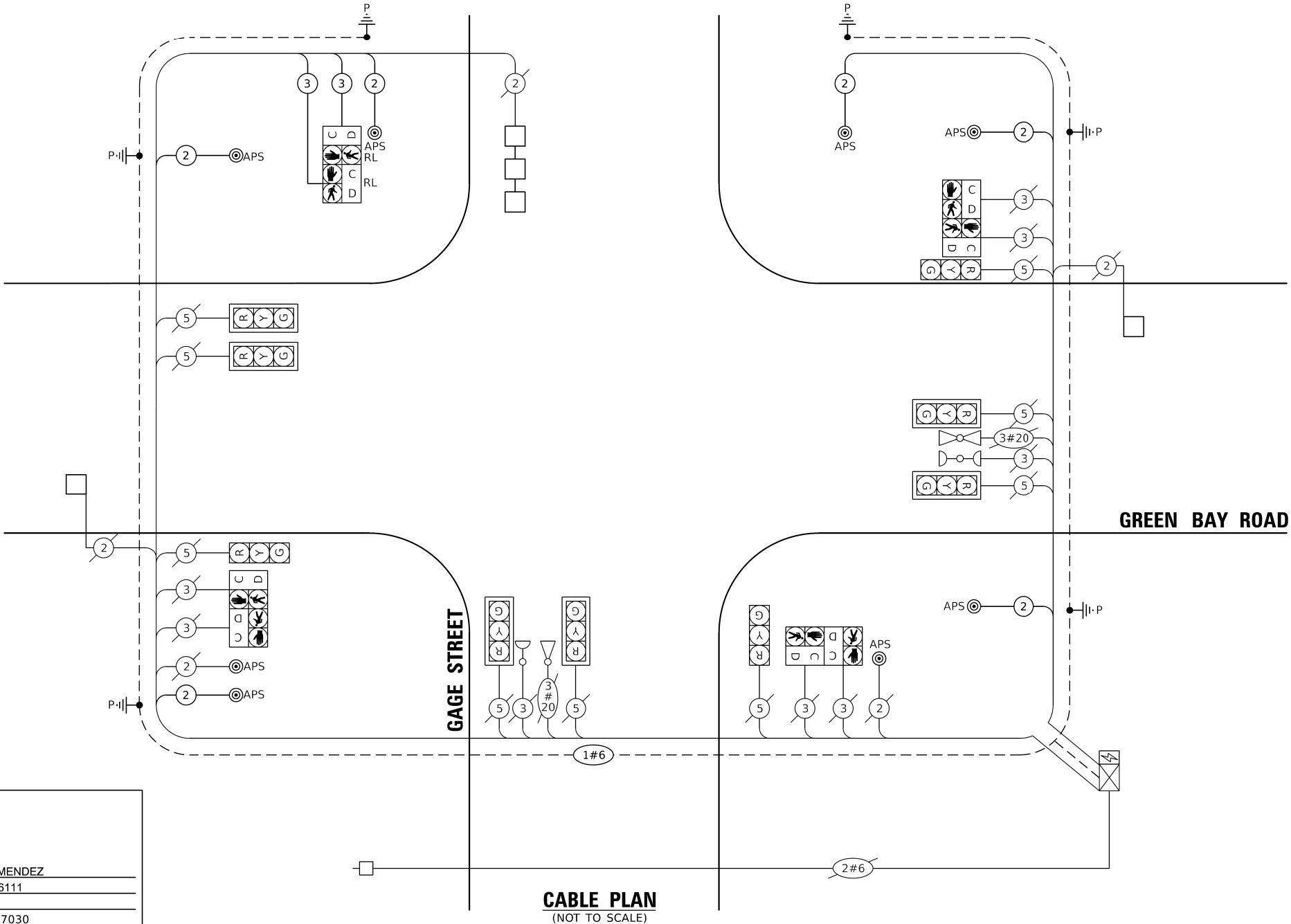
CONTACT: DANIEL MENDEZ
PHONE: 773-799-6111
COMPANY: COMED

ACCOUNT NUMBER: 39550-97030

METER NUMBER: -

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	79
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	874
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	449
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	735
DRILL EXISTING HANDHOLE	EACH	6
DETECTOR LOOP, TYPE I	FOOT	204
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	803
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	5
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	24
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL I	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	312
PAINT NEW PEDESTRIAN PUSH-BUTTON POST	EACH	5



CABLE PLAN
(NOT TO SCALE)

CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
GREEN BAY ROAD AND GAGE STREET

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

TS 15355

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = Srahman
DESIGNED - TM
DRAWN - TM
PLOT SCALE = 39.998" / in.
PLOT DATE = 12/9/2024

DESIGNED - TM
DRAWN - TM
CHECKED - AS
DATE - 12-09-2024

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	92
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

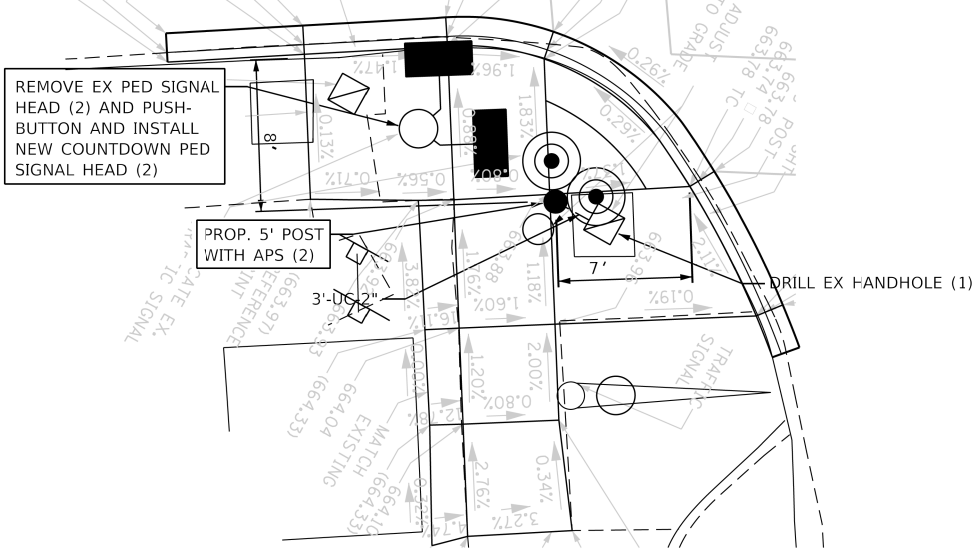
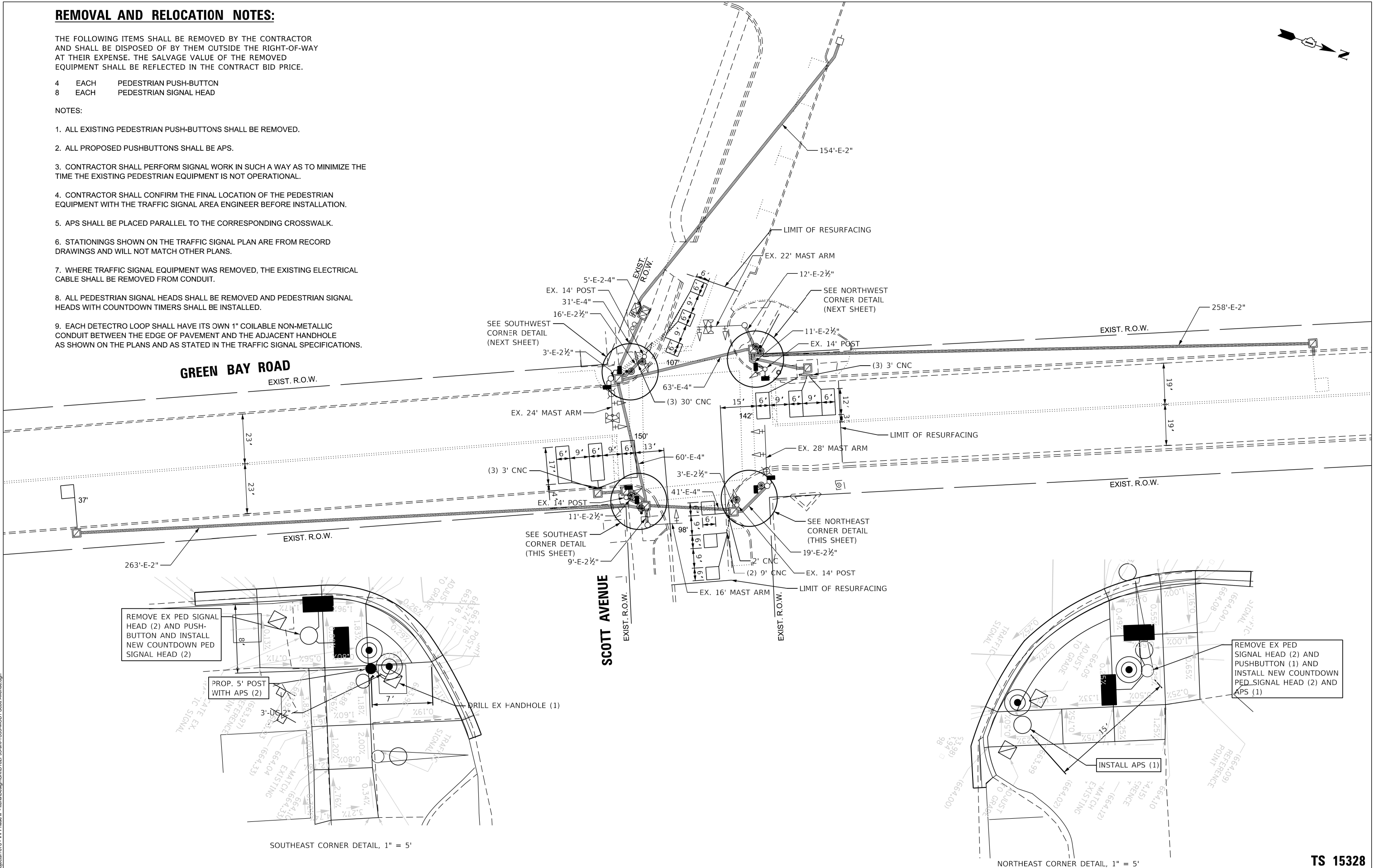
REMOVAL AND RELOCATION NOTES:

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 CONTRACT BID PRICE.

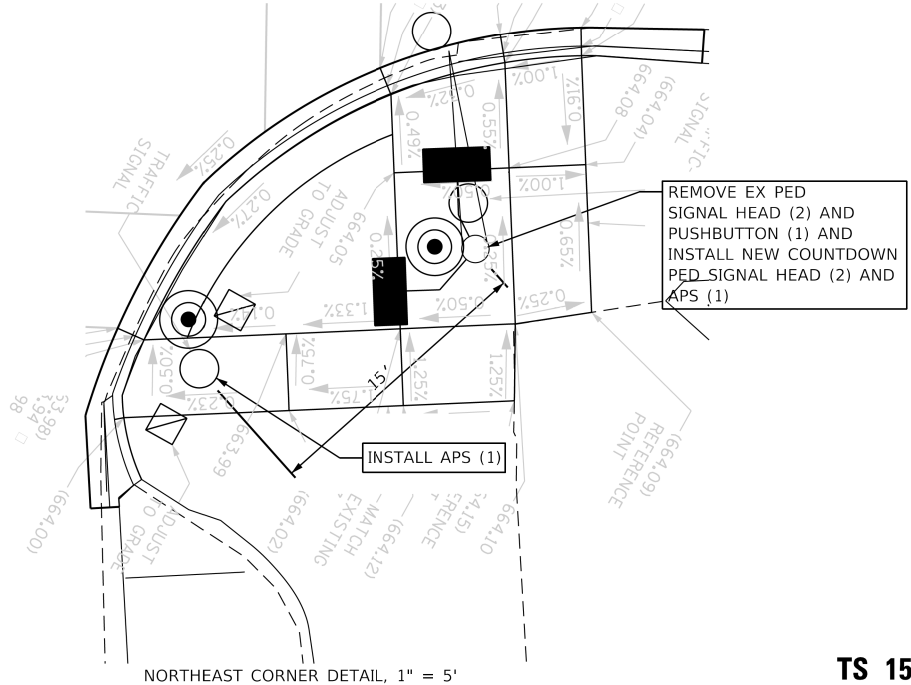
- 4 EACH PEDESTRIAN PUSH-BUTTON
- 8 EACH PEDESTRIAN SIGNAL HEAD

NOTES:

- ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
- ALL PROPOSED PUSHBUTTONS SHALL BE APS.
- CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
- CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- STATIONINGS SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
- WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.
- ALL PEDESTRIAN SIGNAL HEADS SHALL BE REMOVED AND PEDESTRIAN SIGNAL HEADS WITH COUNTDOWN TIMERS SHALL BE INSTALLED.
- EACH DETECTRO LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



SOUTHEAST CORNER DETAIL, 1" = 5'



NORTHEAST CORNER DETAIL, 1" = 5'

TS SHT NO. 35

MODEL: Default
FILE NAME: F:\Projects\1078-VY Phase II - Interchange Design\Sheet\2024-09-12\TS35-MOD1 Scott Avenue.dgn

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = Srahman	DESIGNED - TM	REVISED -
	DRAWN - TM	REVISED -
PLOT SCALE = 39.9984' / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 2)
GREEN BAY ROAD AND SCOTT AVENUE

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	93
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				

TS 15328



USER NAME = Srahman	DESIGNED - TM	REVISED -
	DRAWN - TM	REVISED -
PLOT SCALE = 39.9984" / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

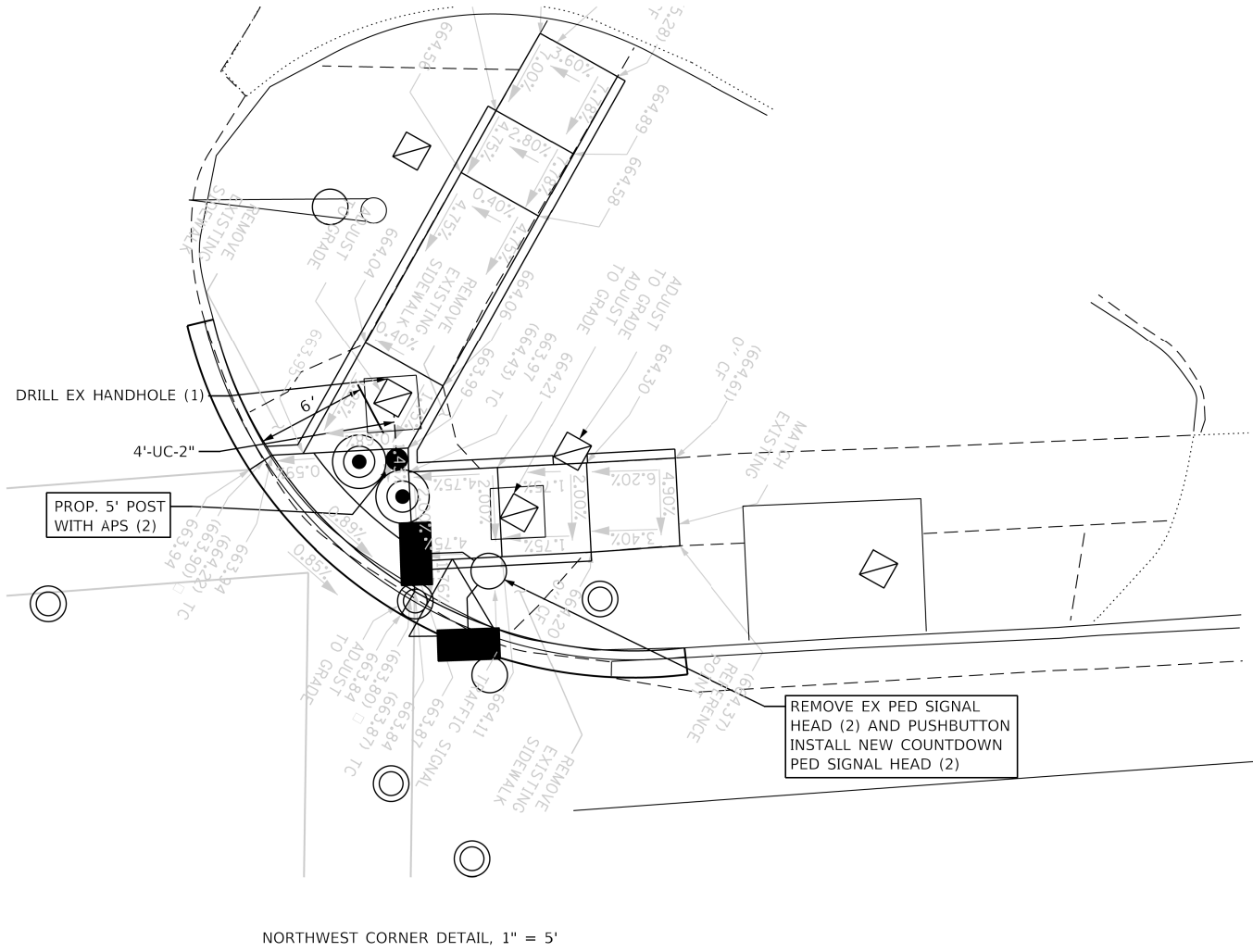
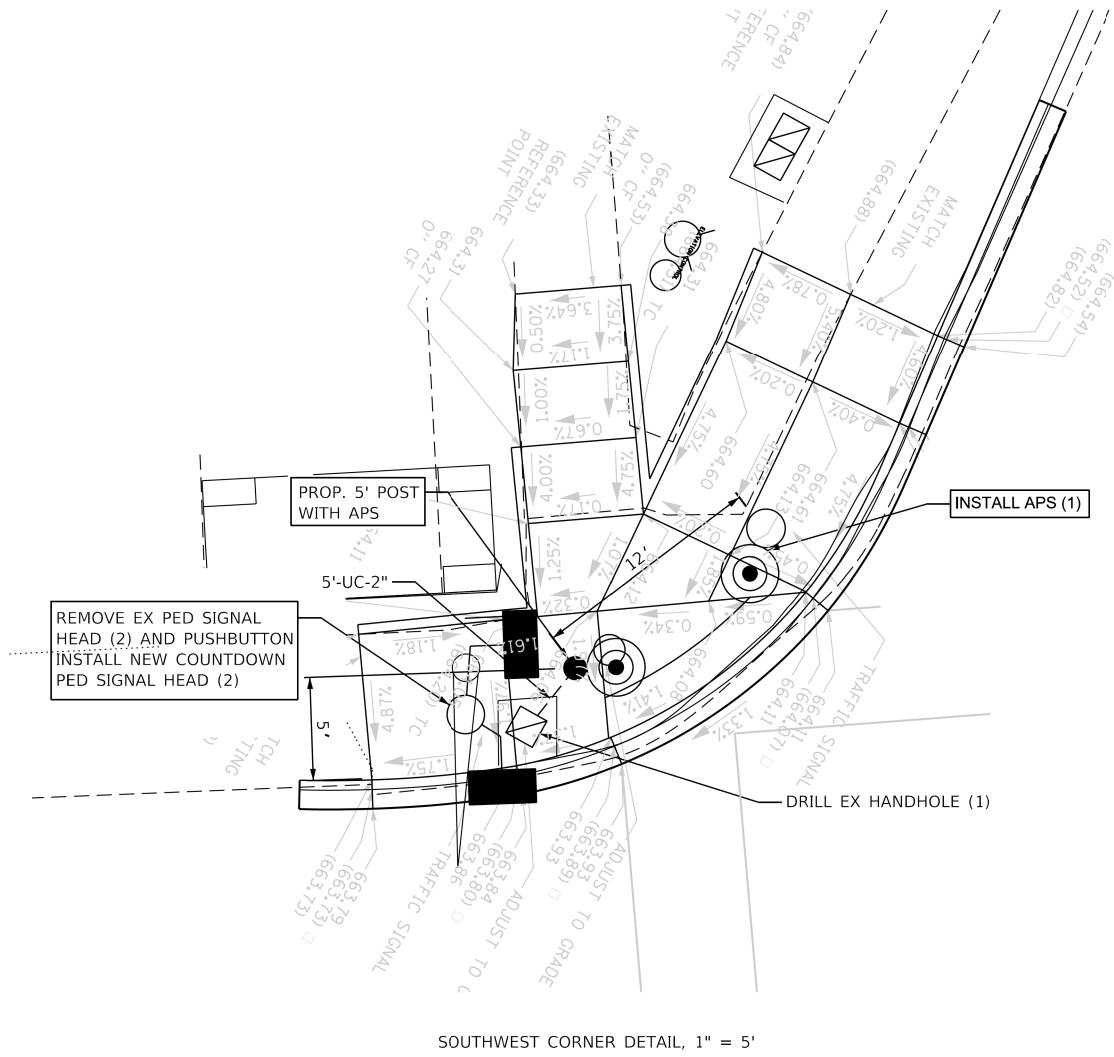
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 2 OF 2)
GREEN BAY ROAD AND SCOTT AVENUE

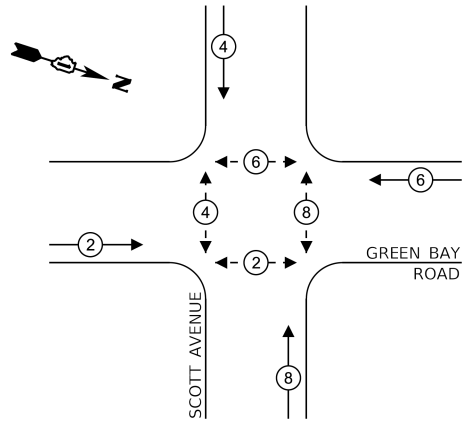
SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	94
CONTRACT NO. 62W73				
		ILLINOIS	FED. AID PROJECT	

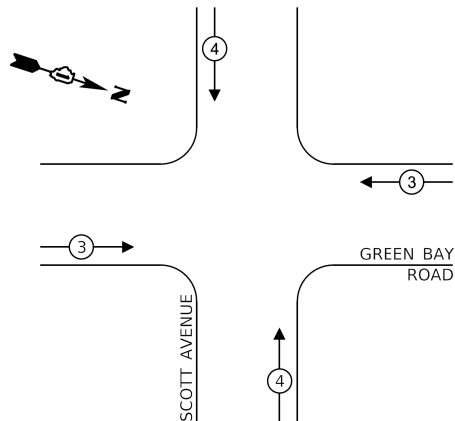
TS 15328



EXISTING AND
PROPOSED CONTROLLER SEQUENCE



EXISTING AND
PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



LEGEND:

- ← (⊙) → PROTECTED PHASE
- ← - (⊙) - → PROTECTED/PERMITTED PHASE
- ← (⊙) → PEDESTRIAN PHASE
- ← (⊙) OL → OVERLAP

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	13	11	143
4-SECTION	-	14	-
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			438
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1043

ENERGY COSTS TO:

VILLAGE OF WINNETKA
510 GREEN BAY ROAD
WINNETKA, IL 60093

ENERGY SUPPLY: CONTACT: DANIEL MENDEZ

PHONE: 773-799-6111

COMPANY: COMED

ACCOUNT NUMBER: 39550-97030

METER NUMBER: -



USER NAME =	Srahman
DESIGNED -	TM
DRAWN -	TM
PLOT SCALE =	39.998" / in.
CHECKED -	AS
DATE -	12-09-2024
REVISD -	

DESIGNED -	TM
DRAWN -	TM
PLOT SCALE =	39.998" / in.
CHECKED -	AS
DATE -	12-09-2024
REVISD -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
GREEN BAY ROAD AND SCOTT AVENUE

SCALE: NTS

SHEET 1

OF 1

SHEETS

STA.

TO STA.

F.A.U
RTE.

2744

SECTION

2024-951-RS, SW

COUNTY

COOK

TOTAL
SHEETS

114

SHEET
NO.

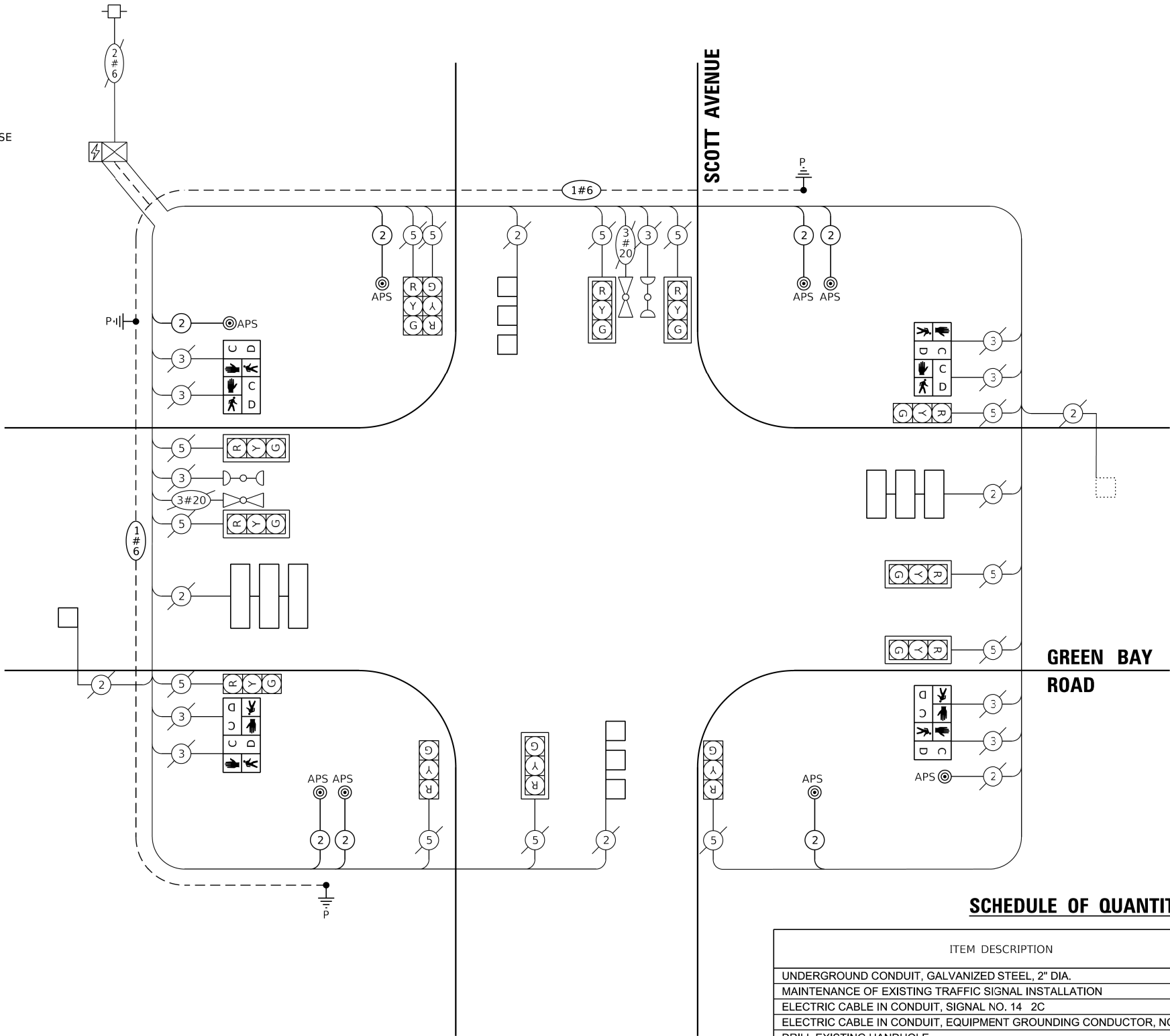
95

CONTRACT NO. 62W73

ILLINOIS

FED. AID PROJECT

TS 15328



CABLE PLAN
(NOT TO SCALE)

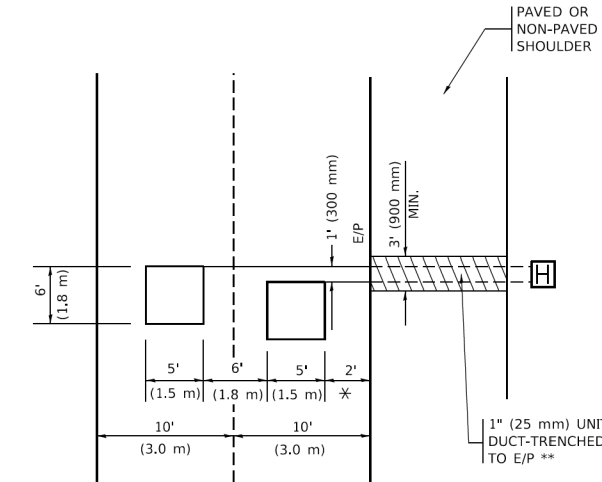
SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	10
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	895
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	589
DRILL EXISTING HANDHOLE	EACH	3
PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
DETECTOR LOOP, TYPE I	FOOT	543
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	222
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	12
MODIFY EXISTING CONTROLLER CABINET	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL I	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	366
PAINT NEW PEDESTRIAN PUSH-BUTTON POST	EACH	3

MODEL: TS07-Sheet 1
FILE NAME: Z:\2023\232331_PTB21-D-02_VarPlan\Projects\W02_62W73-GreenBay\Ref\09-CADD\3_Sheets\117524-shd-D1TS07.dgn

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT
NOTE WHICH SHOULD EQUAL
3' (900 mm) X WIDTH OF
PAVED SHOULDER.

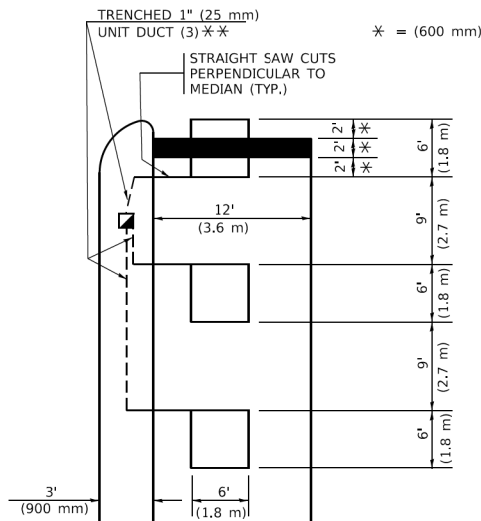


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

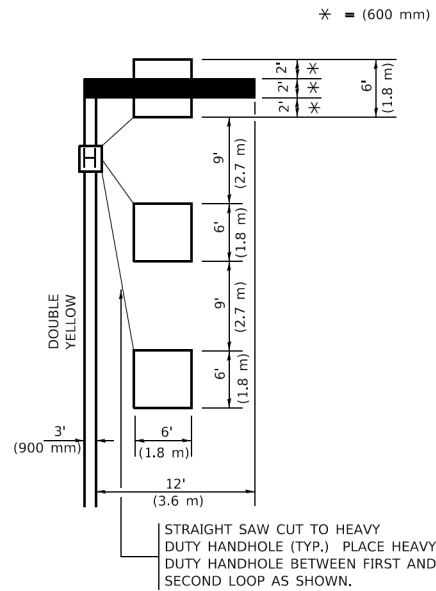
HANDHOLE LOCATION MAY
VARY DEPENDING ON GEOMETRICS
AND DESIGN OF TRAFFIC SIGNALS.
HEAVY-DUTY HANDHOLES TO BE
USED WHEN THE MEDIAN IS
MOUNTABLE. REFER TO STANDARD
814001 TO ENSURE THAT HANDHOLE
FITS IN MEDIAN.



** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

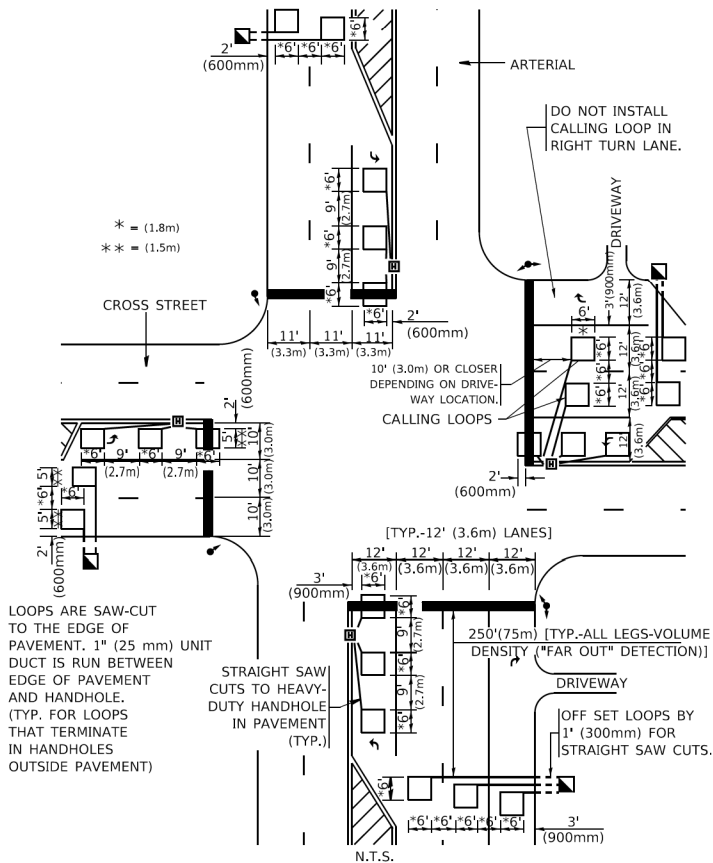
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)



NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)

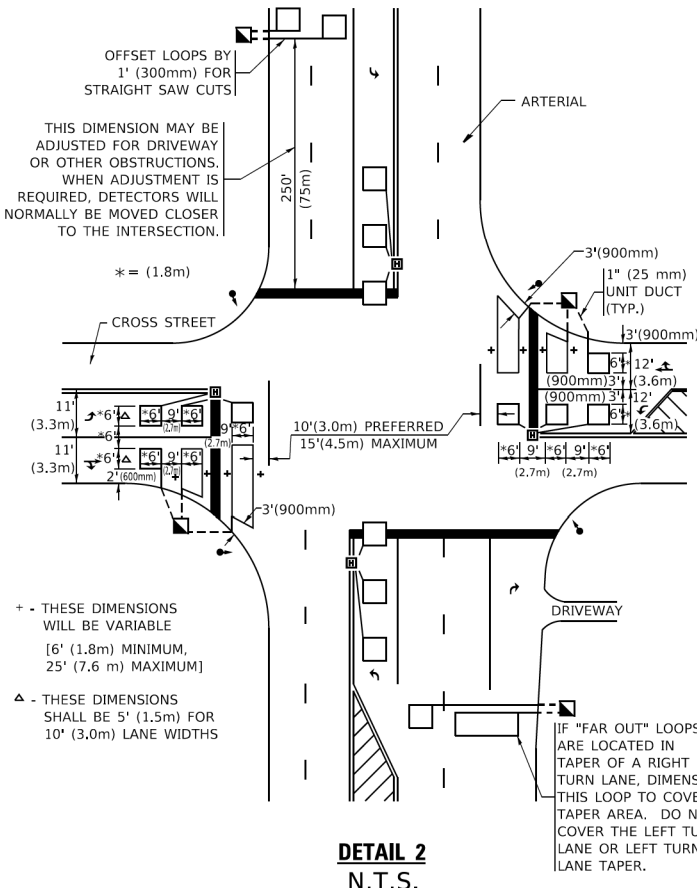


LOOPS ARE SAW-CUT
TO THE EDGE OF
PAVEMENT. 1" (25 mm) UNIT
DUCT IS RUN BETWEEN
EDGE OF PAVEMENT
AND HANDHOLE.
(TYP. FOR LOOPS
THAT TERMINATE
IN HANDHOLES
OUTSIDE PAVEMENT)

STRAIGHT SAW
CUTS TO HEAVY-
DUTY HANDHOLE
IN PAVEMENT
(TYP.)

DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



+ - THESE DIMENSIONS
WILL BE VARIABLE
[6' (1.8 m) MINIMUM,
25' (7.6 m) MAXIMUM]

- THESE DIMENSIONS
SHALL BE 5' (1.5 m) FOR
10' (3.0 m) LANE WIDTHS

IF "FAR OUT" LOOPS
ARE LOCATED IN
TAPER OF A RIGHT
TURN LANE, DIMENSION
THIS LOOP TO COVER
TAPER AREA. DO NOT
COVER THE LEFT TURN
LANE OR LEFT TURN
LANE TAPER.

DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.



116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = kcoropassi
PLOT DATE = 12/13/2024

DESIGNED -
DRAWN -
CHECKED -
DATE - 9/6/2024

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

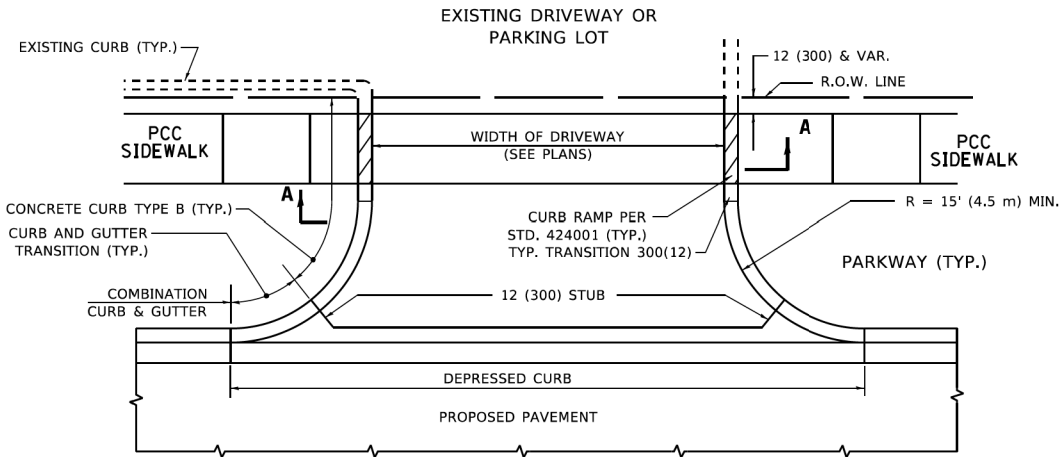
DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

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

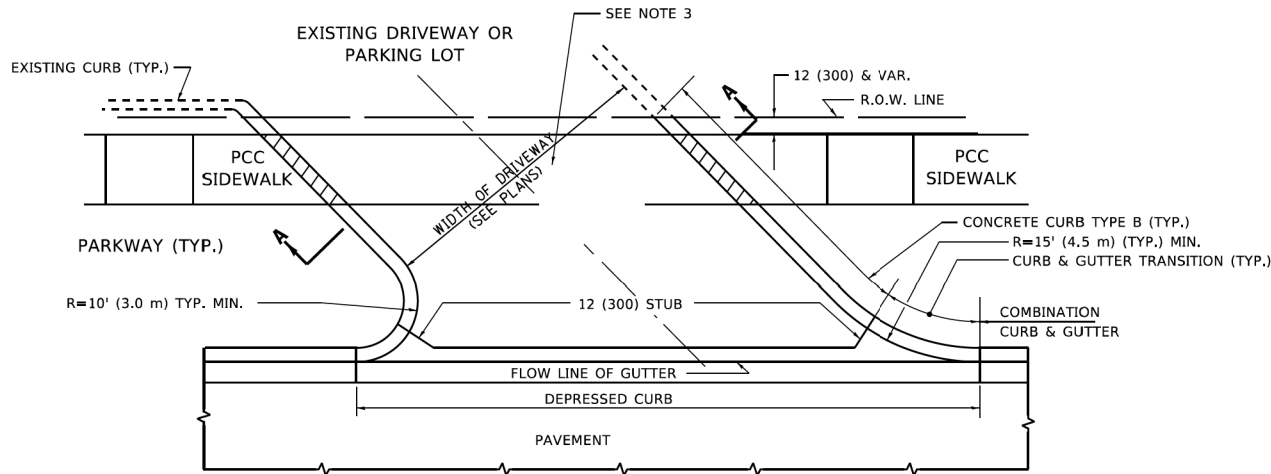
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	96
TS-07		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

MODEL: BD-01-Sheet 1
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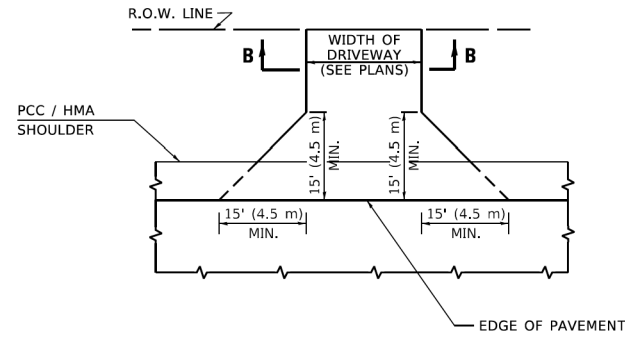
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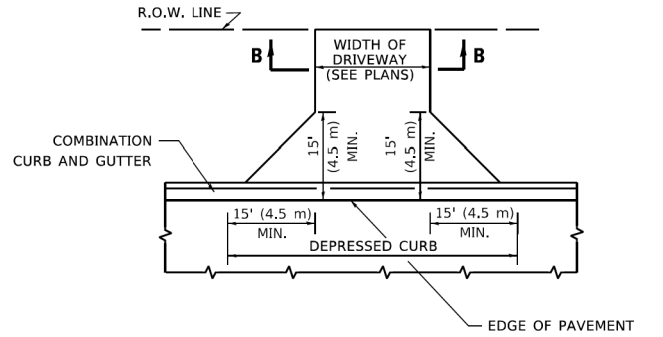
WITH CONCRETE CURB, TYPE B



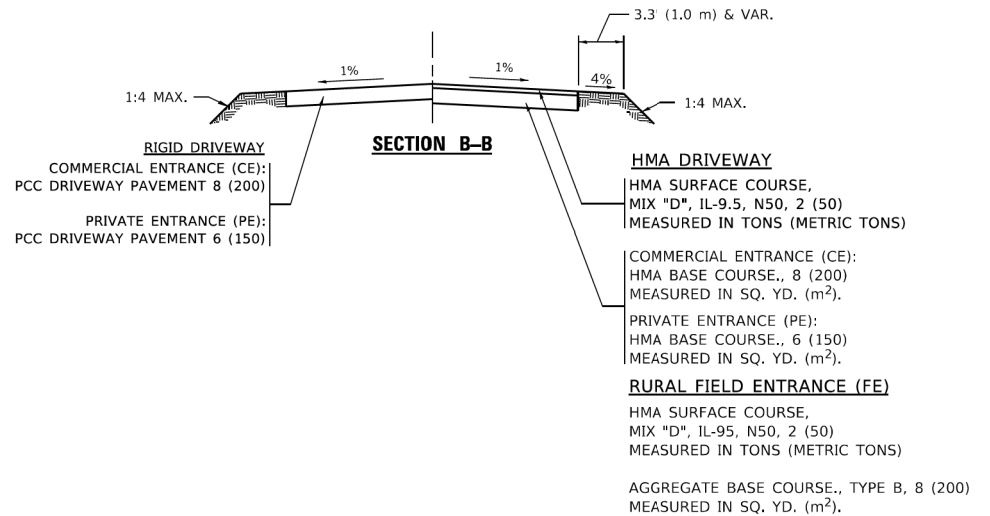
WITH CONCRETE CURB, TYPE B



ADJACENT TO PCC /HMA SHOULDER



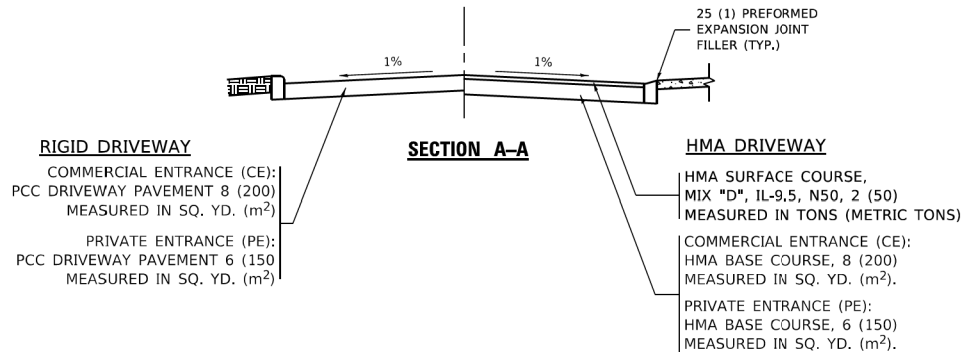
ADJACENT TO CURB AND GUTTER



GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
- COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

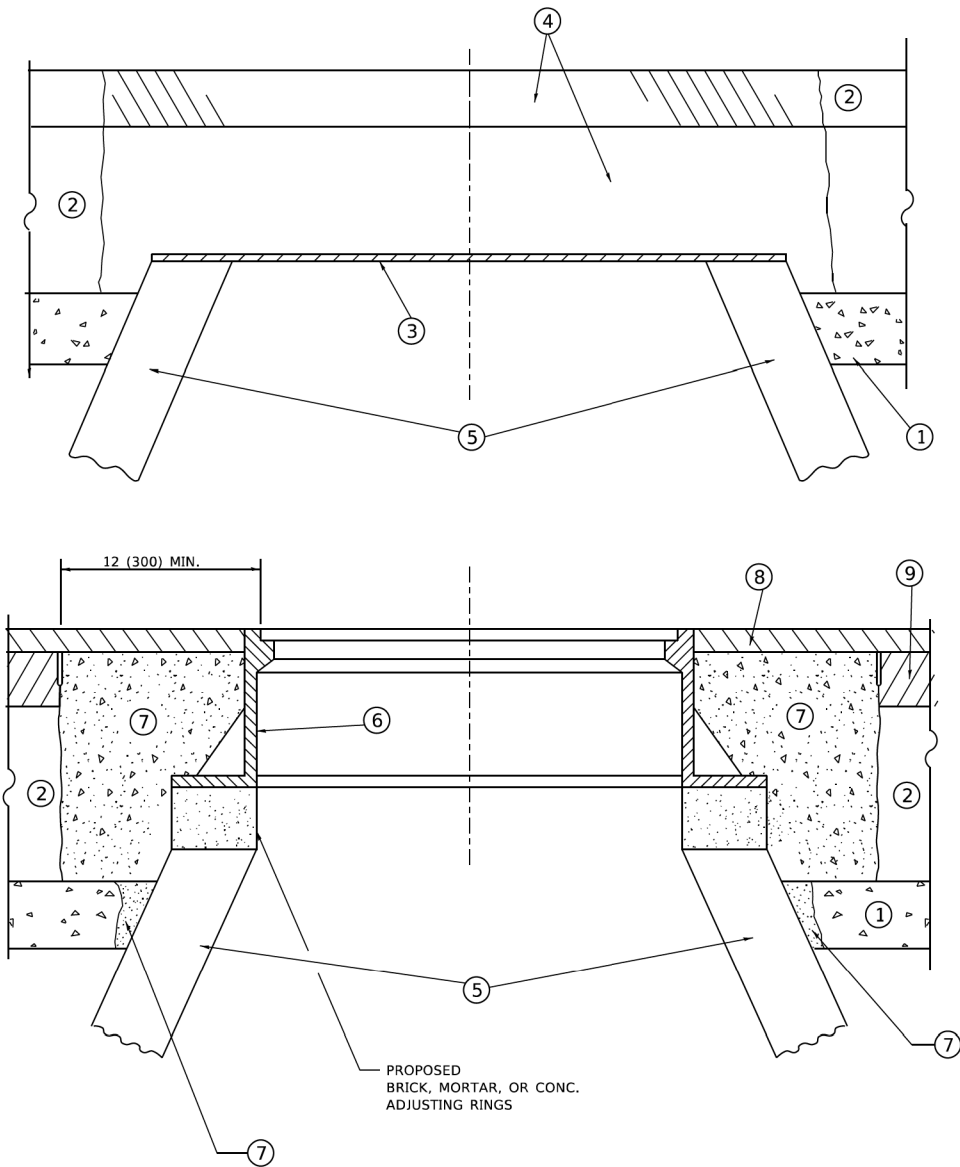
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE NOTED.



FILE NUMBER: 11-04-95	USER NAME = Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 06-11-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥15'(4.5m)				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 09-06-11										
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-28-19		BD400-01 (BD-01)				CONTRACT NO.				
	PLOT DATE = 11/18/2022	DATE - 11-04-95	REVISED - K. SMITH 11-18-22		ILLINOIS FED. AID PROJECT								
					SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.			

USER NAME = kcoriopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	97
CONTRACT NO. 62W73				
ILLINOIS FED. AID PROJECT				



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING**

NOTES

- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
- CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

- STAGE 1 (BEFORE PAVEMENT MILLING)**
- REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
 - REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
 - COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
 - BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).
- STAGE 2 (AFTER PAVEMENT MILLING)**
- REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
 - INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
 - THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- * UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS PP-2* CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

- REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
- THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: GN - Sheet 1
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USER NAME = kcartopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/13/2024	DATE = 9/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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

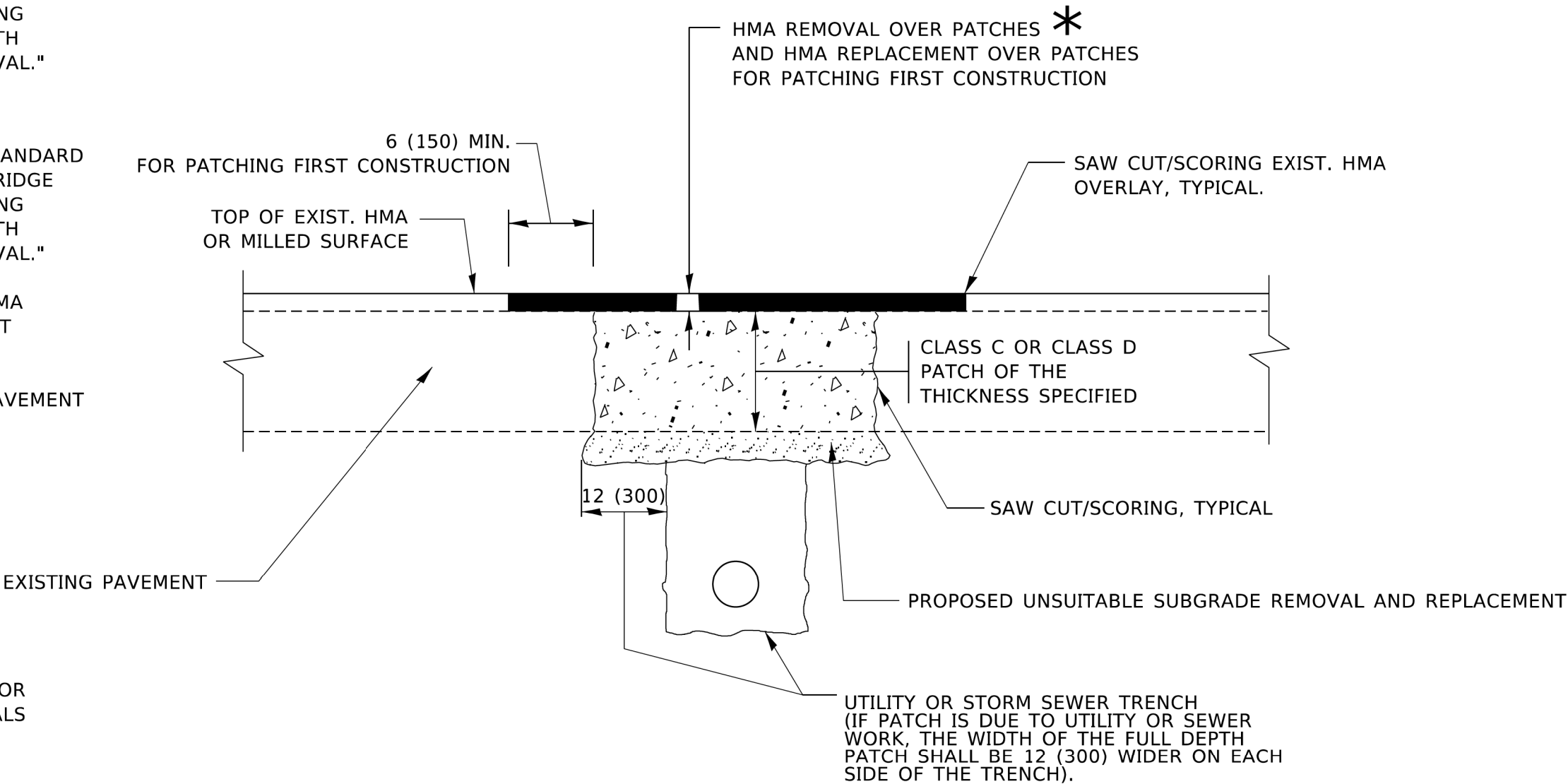
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2744	2024-951-RS, SW	COOK	114	98
BD600-03 (BD-08)		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

- 1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
- 2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
- 3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

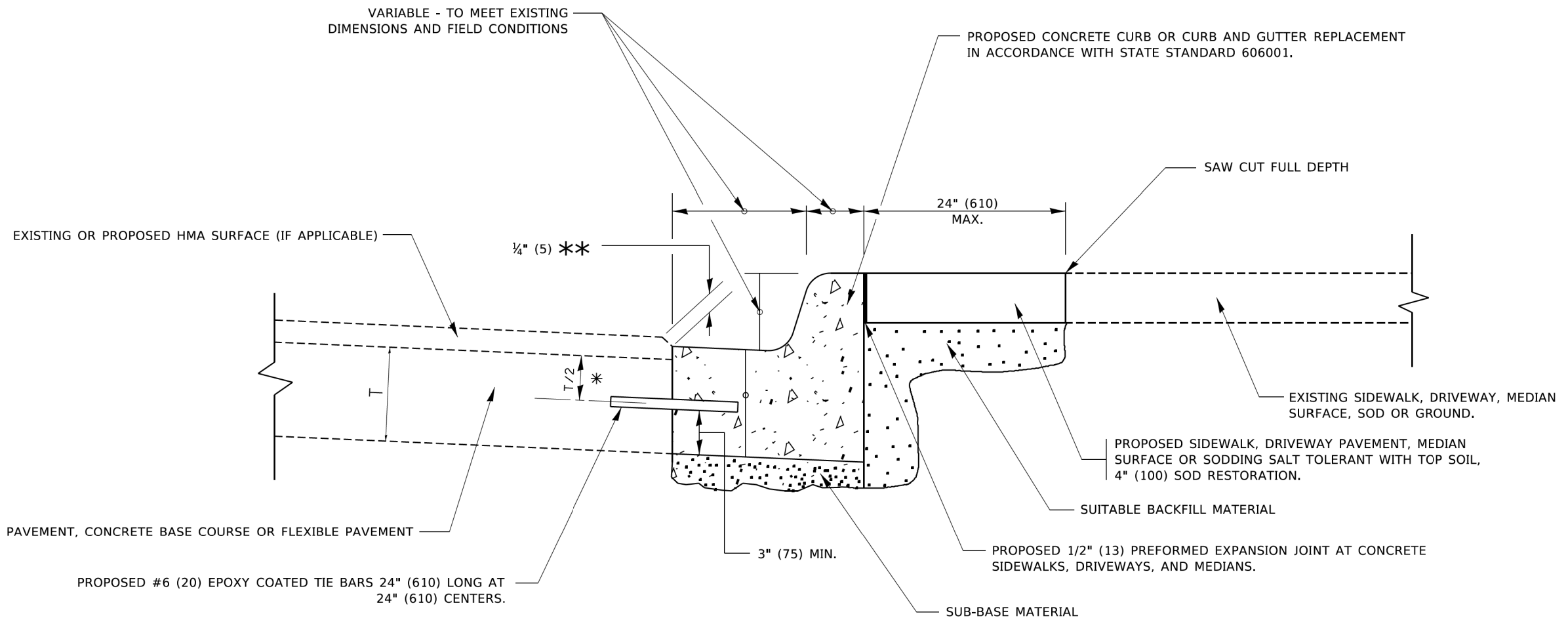
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

- 1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: GN - Sheet 2
FILE NAME: Z:\2023\232331_PTB21\0-02_VerP\H\Projects\W02_62W73-GreenBayRd\09-CADD\3_Sheets\117524-shd-details.dgn

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = kcartopassi		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT				F.A.U. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED -						2744	2024-951-RS, SW		COOK	114	99
			CHECKED -	REVISED -		BD400-04 (BD-22)				CONTRACT NO. 62W73					
	PLOT DATE = 12/13/2024		DATE - 9/6/2024	REVISED -		SCALE:		SHEET 1 OF 1 SHEETS		STA.		TO STA.			



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

MODEL: GN - Sheet 3
FILE NAME: Z:\2023\232331_PTB21\0-02_VerP\1\Projects\W02_62W73-GreenBay\Rel09-CADD\3_Sheets\117524-shr-details.dgn

WBK
ENGINEERING

116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

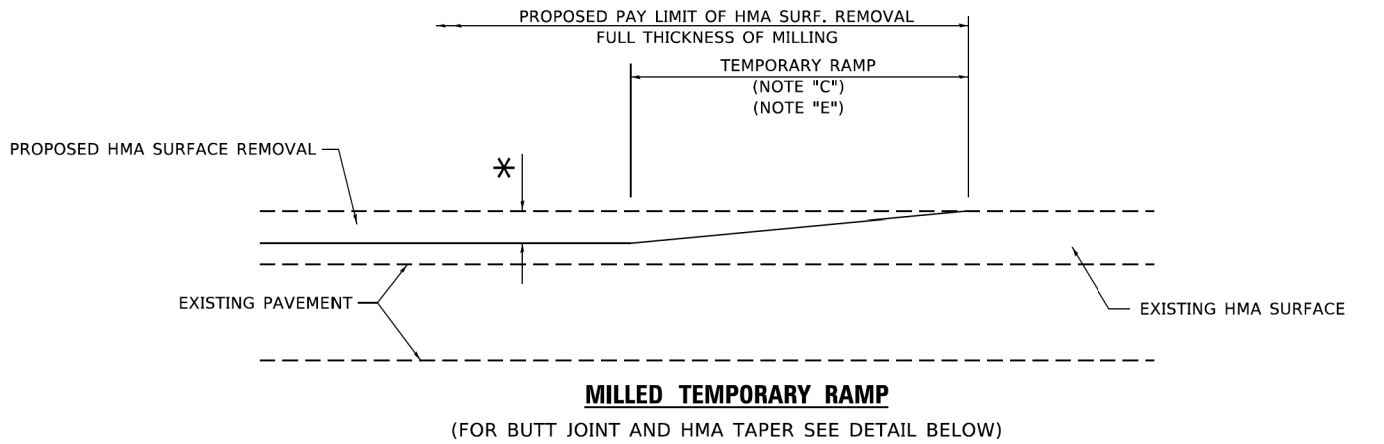
USER NAME	=	kcortopassi	DESIGNED	-	REVISED	-
			DRAWN	-	REVISED	-
			CHECKED	-	REVISED	-
PLOT DATE	=	12/13/2024	DATE	=	9/6/2024	REVISED
						-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

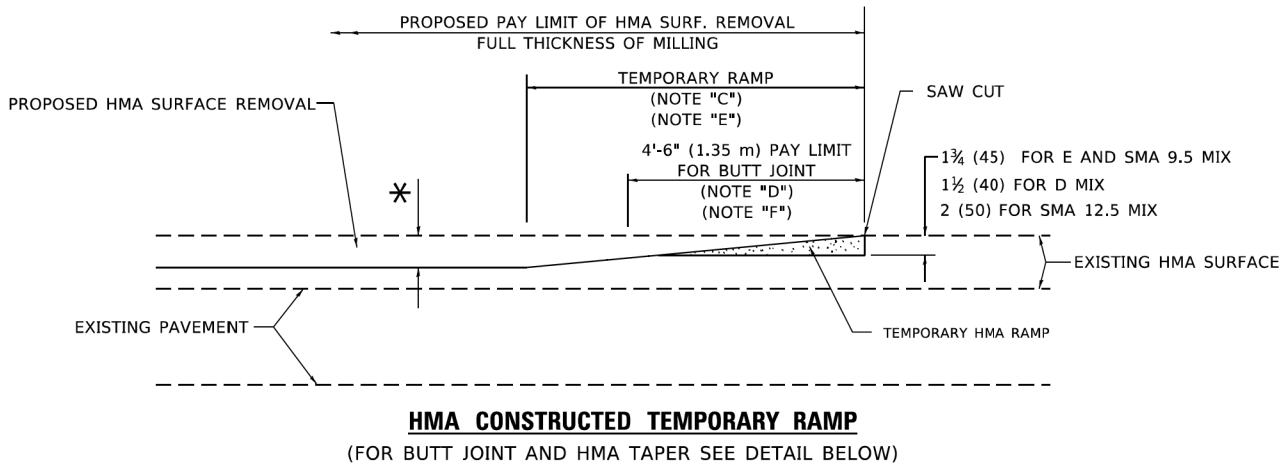
CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD600-06 (BD-24)		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

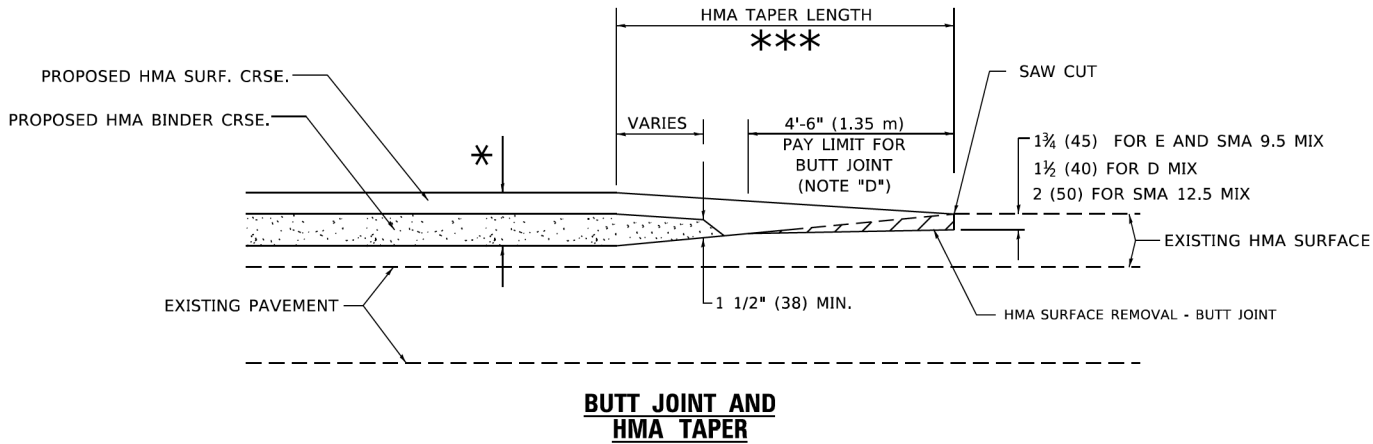


OPTION 1

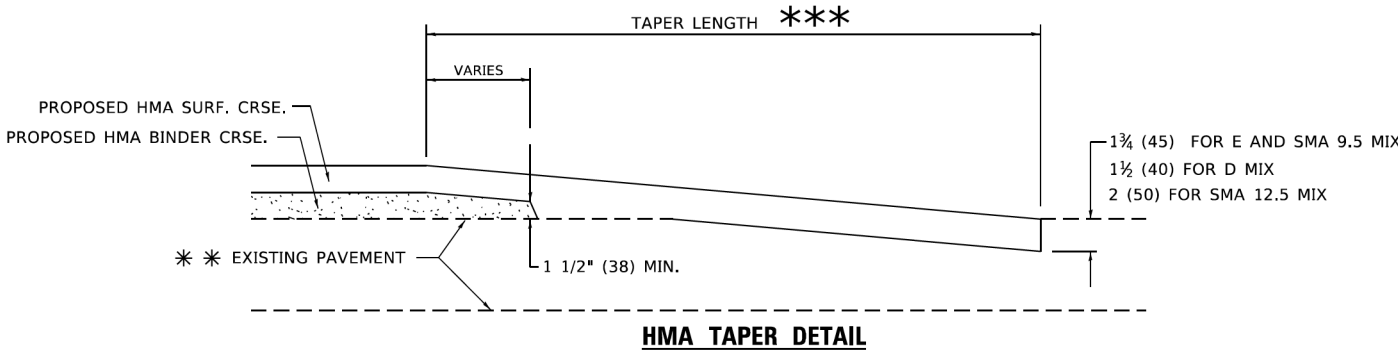
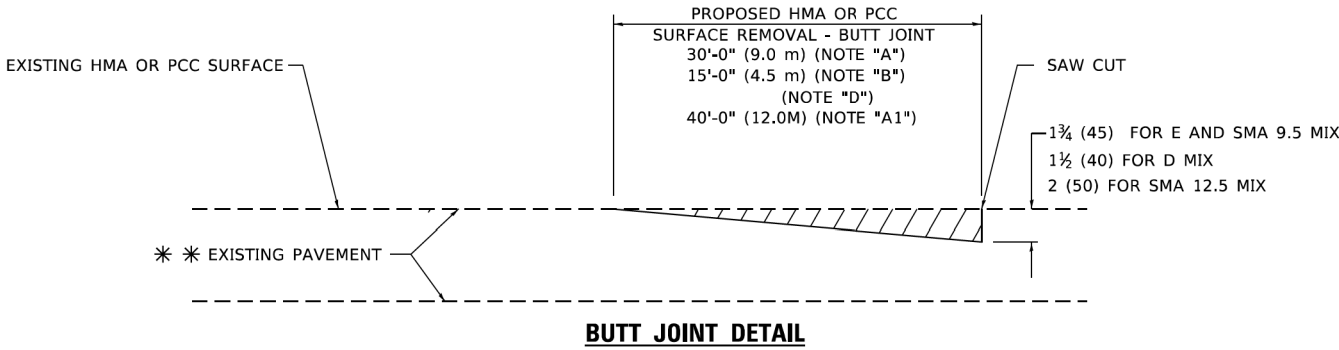


OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: GN - Sheet 4
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116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME =	kcortopassi	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
PLOT DATE =	12/13/2024	DATE -	9/6/2024
		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	101
BD400-05 (BD-32)		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

MODEL: GN - Sheet 5
FILE NAME: Z:\2023\232331_PTB21\0-02_VerPlan\Projects\W02_62W73-GreenBay\Rel09-CADD\3_Sheets\0117524-shr-details.dgn

WBK

ENGINEERING

116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

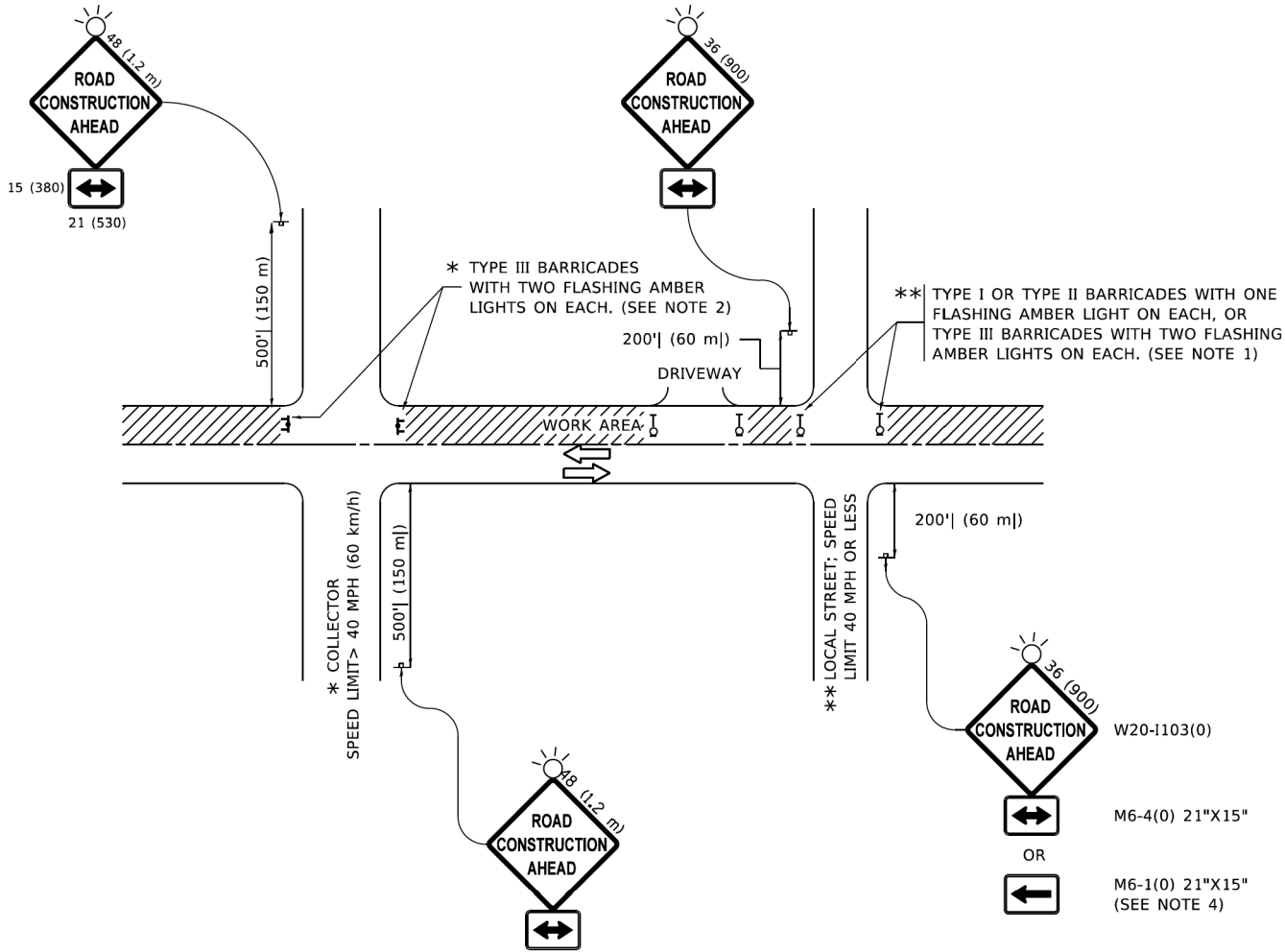
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			CHECKED	-	REVISED	-	
PLOT DATE	=	12/13/2024	DATE	-	9/6/2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

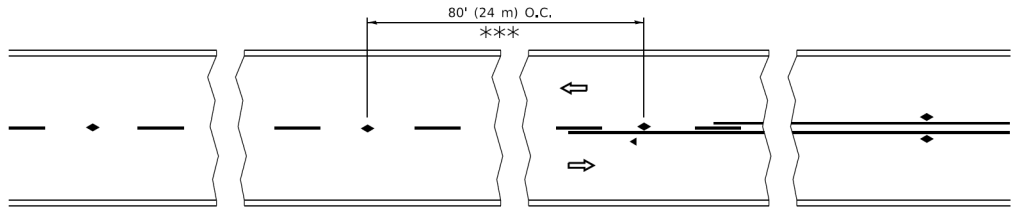
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		ILLINOIS FED. AID PROJECT		



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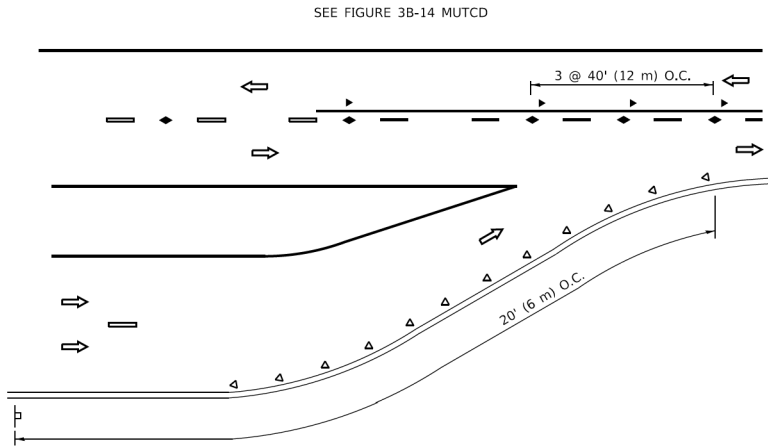
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
- SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

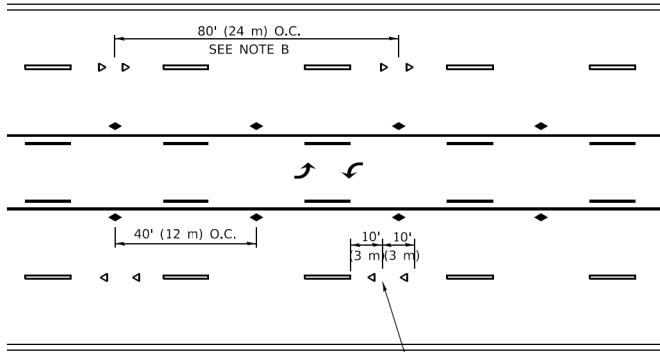


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

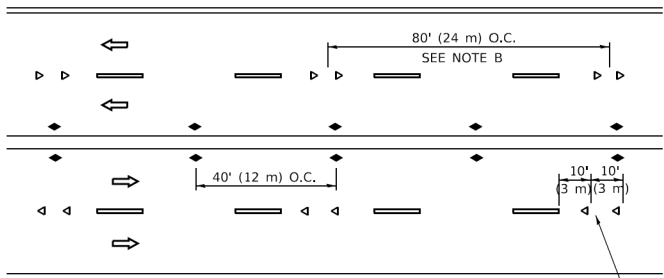
TWO-LANE/TWO-WAY



LANE REDUCTION TRANSITION

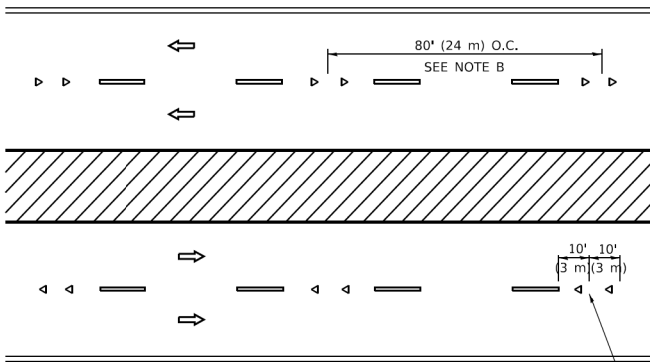


TWO-WAY LEFT TURN



SEE NOTE A

MULTI-LANE/UNDIVIDED



SEE NOTE A

MULTI-LANE/DIVIDED

GENERAL NOTES

- MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
- MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

LANE MARKER NOTES

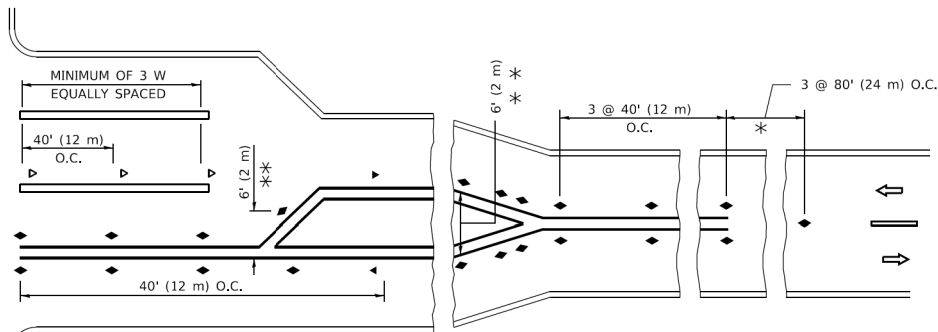
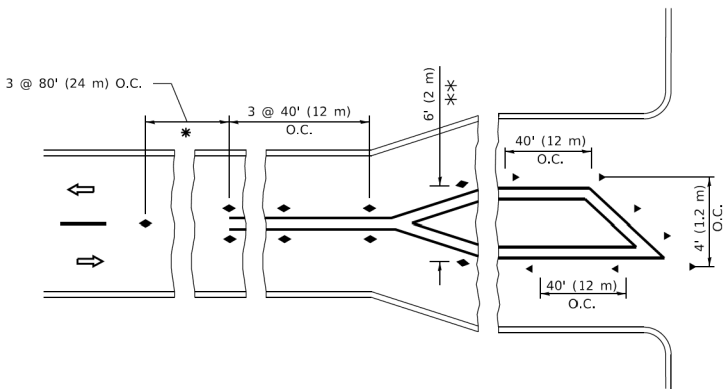
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

DESIGN NOTES

- DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
- MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

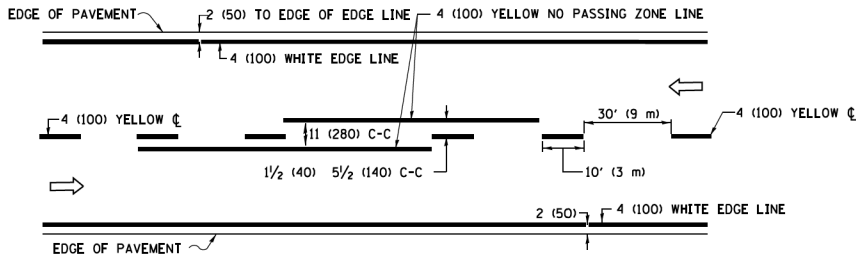
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

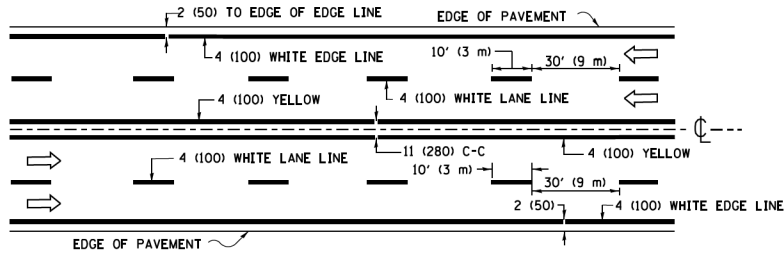
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TC-11		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

USER NAME =	kcortopassi	DESIGNED -	REVISED -
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PLOT DATE =	12/13/2024	DATE -	9/6/2024

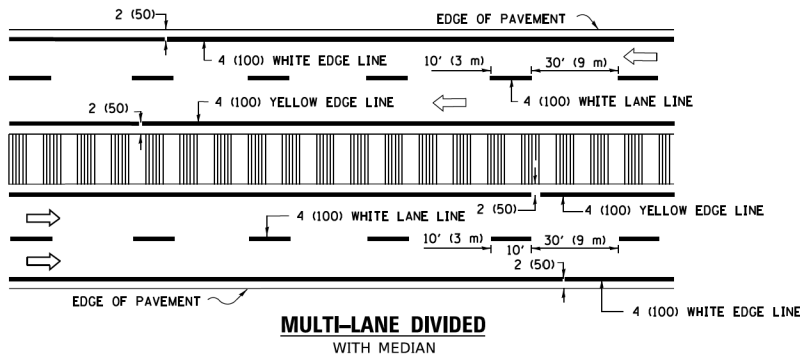
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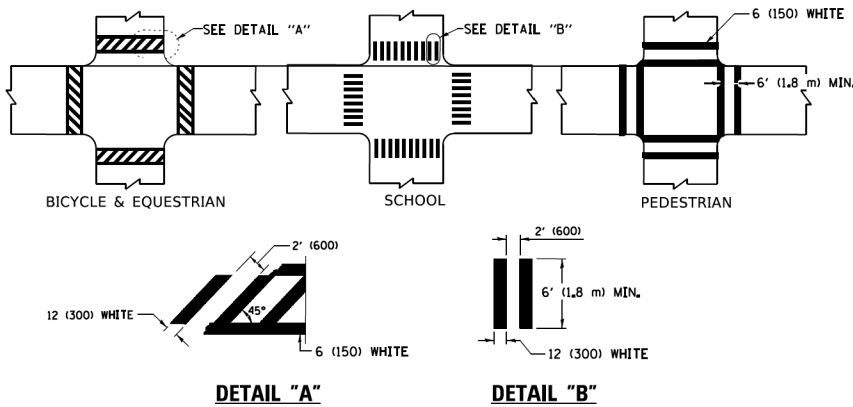
2-LANE ROADWAY



MULTI-LANE UNDIVIDED

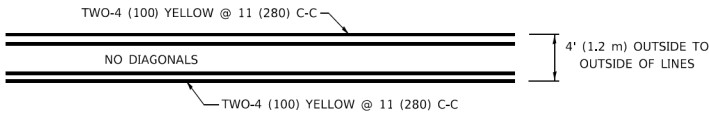


TYPICAL LANE AND EDGE LINE MARKING

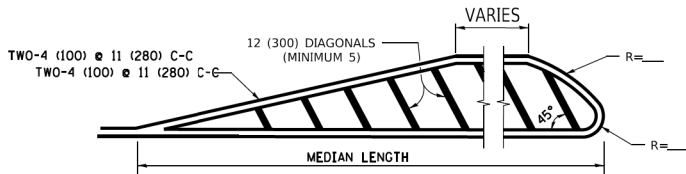


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

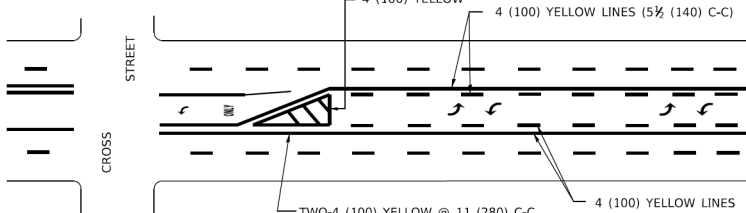


4' (1.2 m) WIDE MEDIANS ONLY

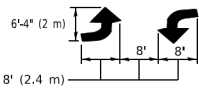


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

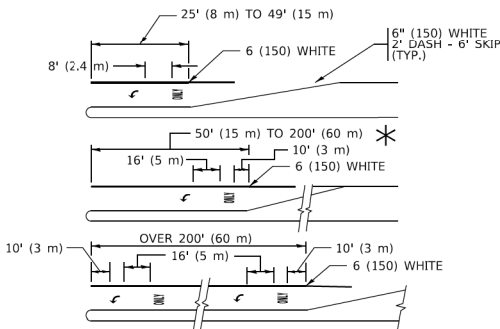


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

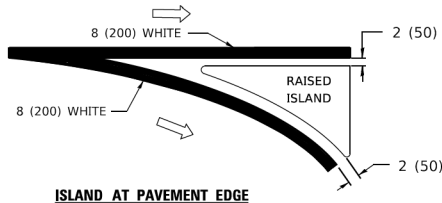
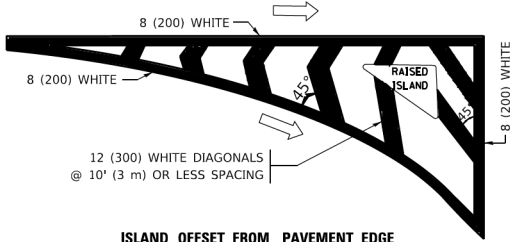


FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

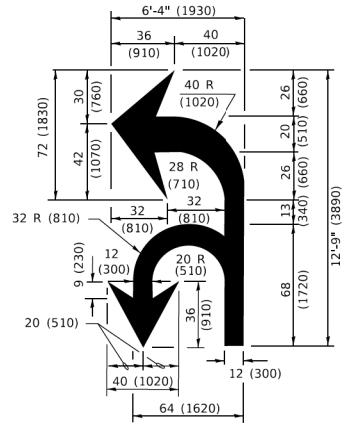
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

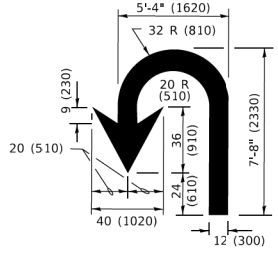
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION
LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW/ YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH: 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGTUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" 15 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

TURN BAY ENTRANCE AT START
OF LANE CLOSURE TAPER

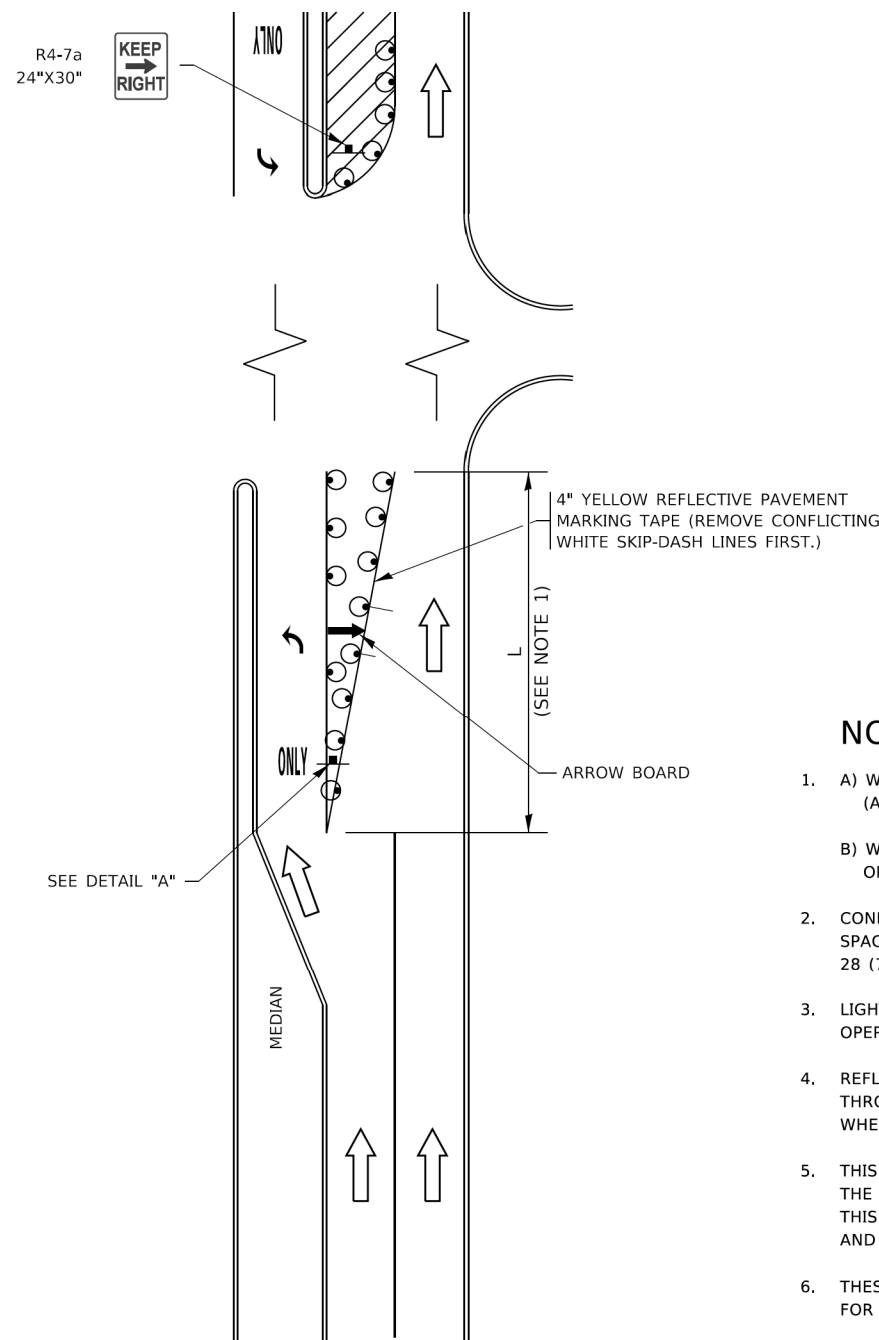


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

- A) WHEN "L" IS $\leq$ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
- THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PRE REQUIREMENTS.
- TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE
WITHIN A LANE CLOSURE

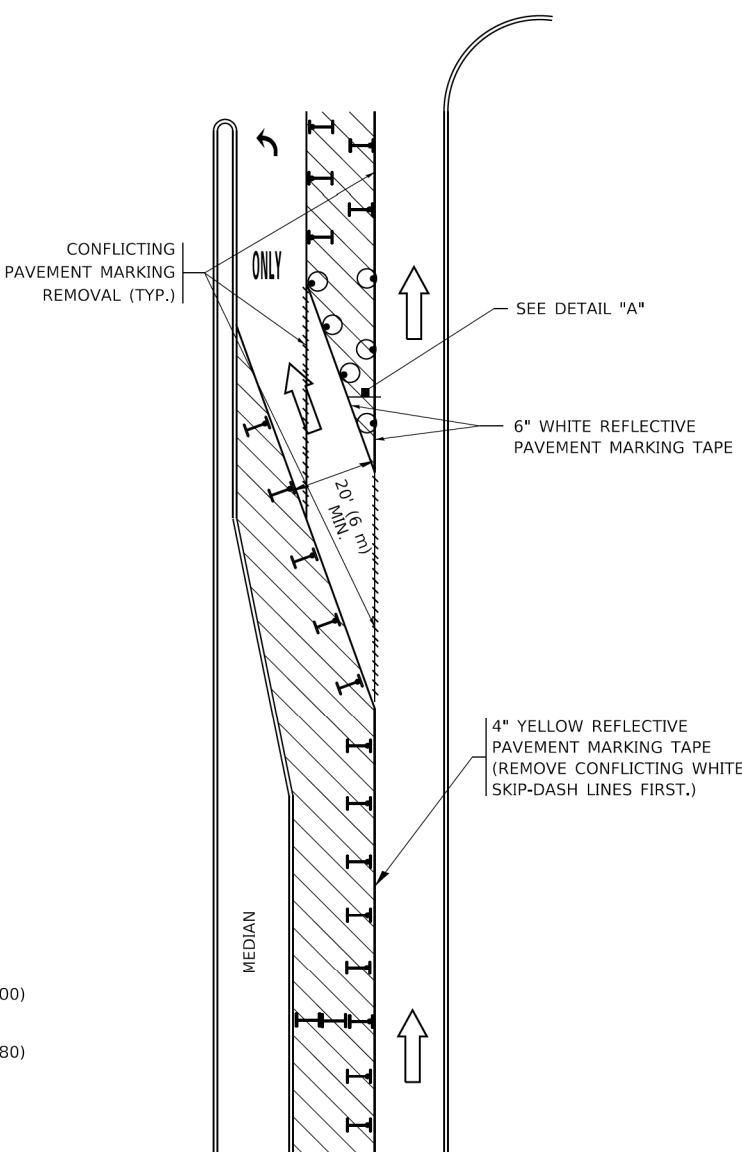
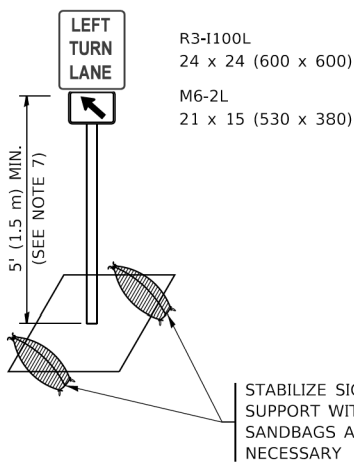


FIGURE 2



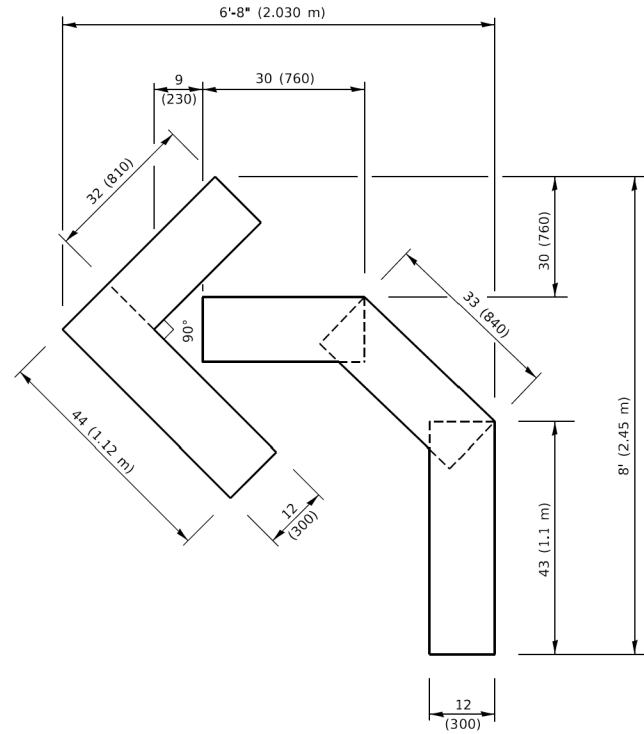
DETAIL A

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

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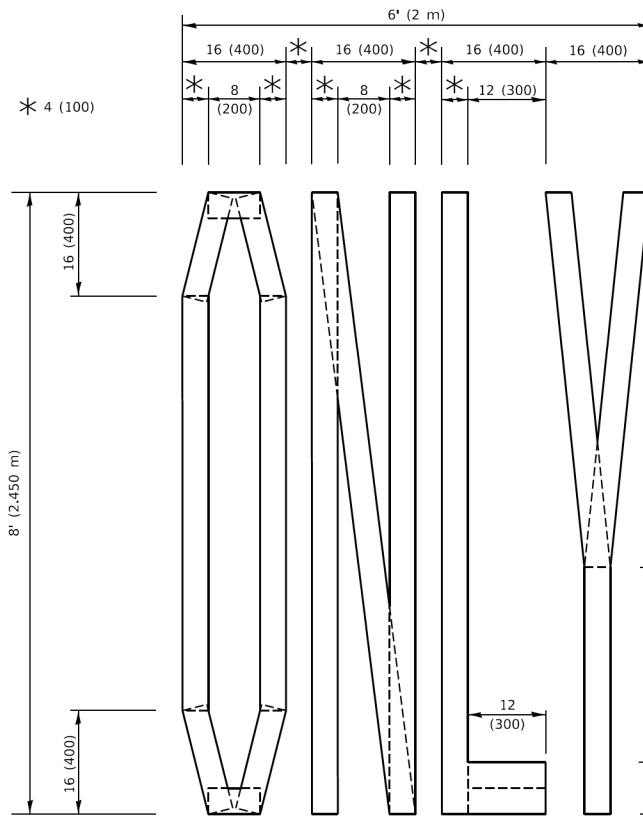
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		REVISED -	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-14		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



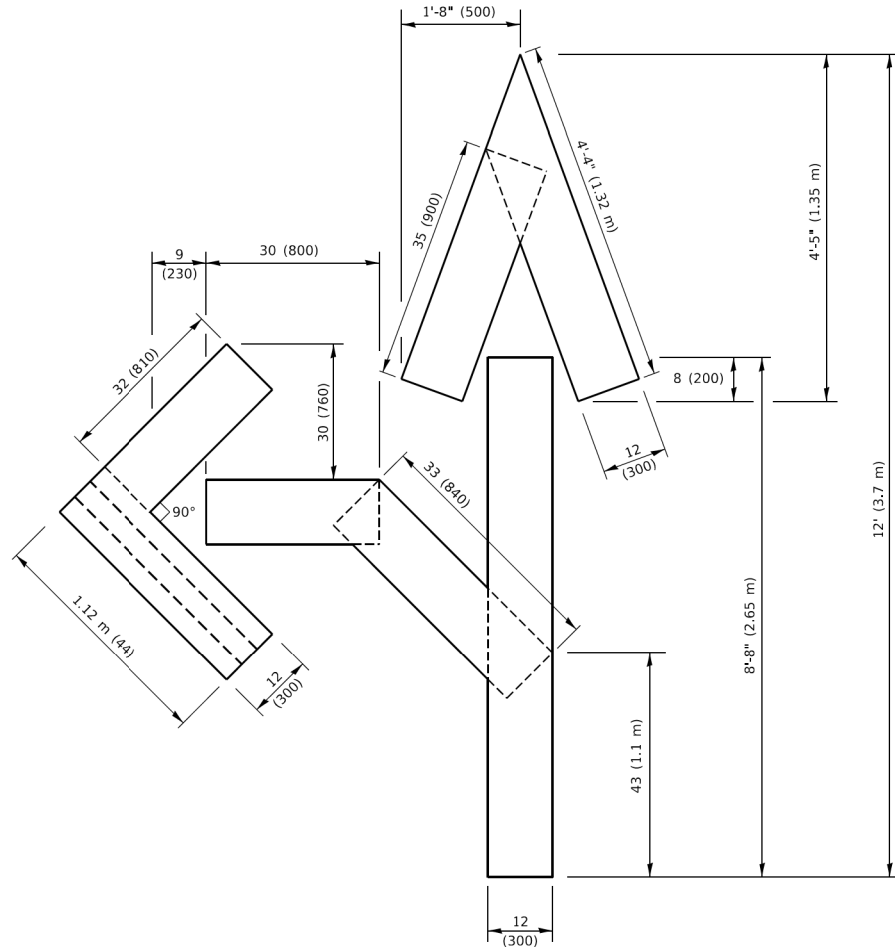
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

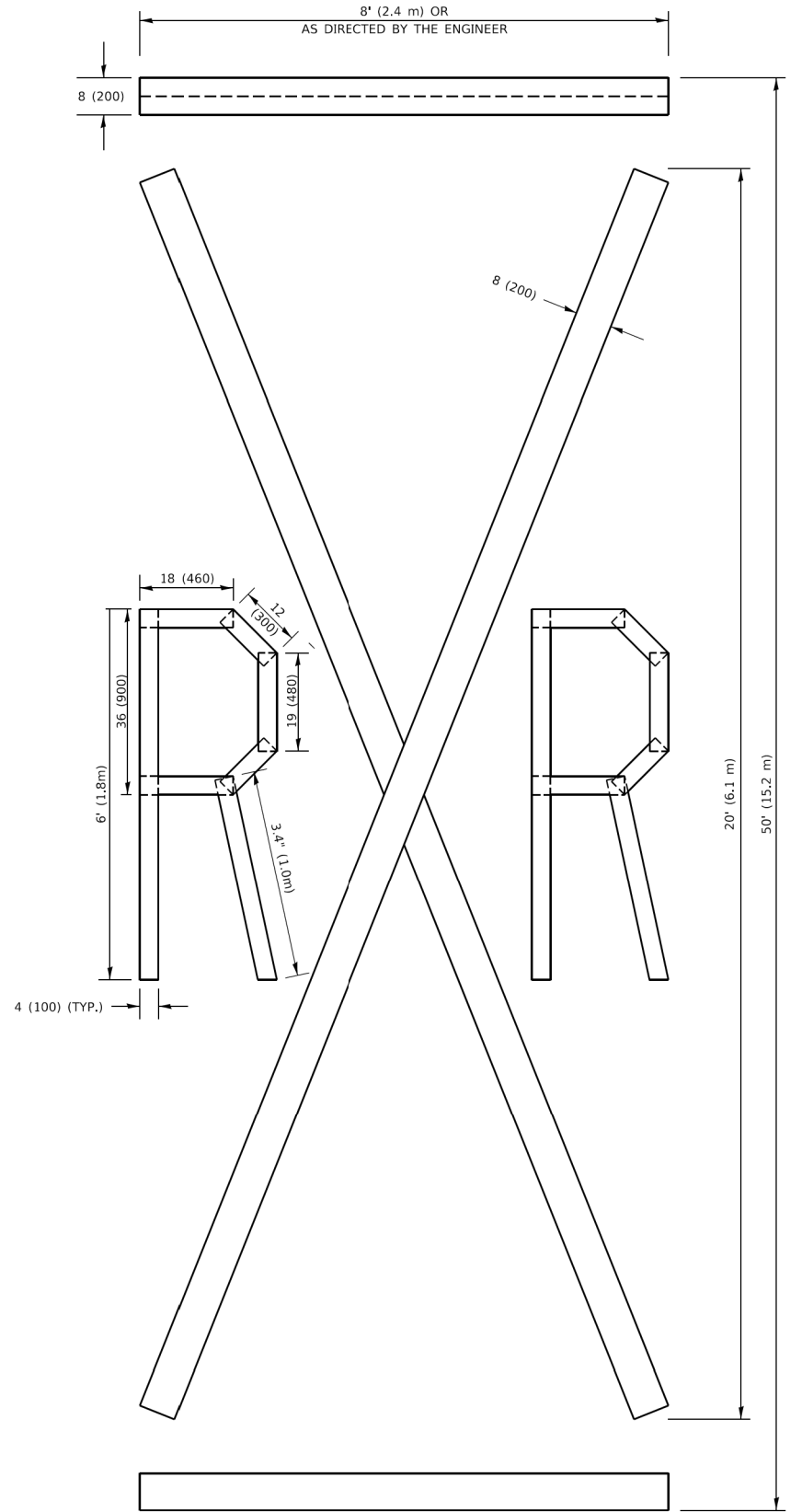


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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

MODEL: GN - Sheet 9
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/13/2024	DATE = 9/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	106
TC-16		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

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WBK

ENGINEERING

116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

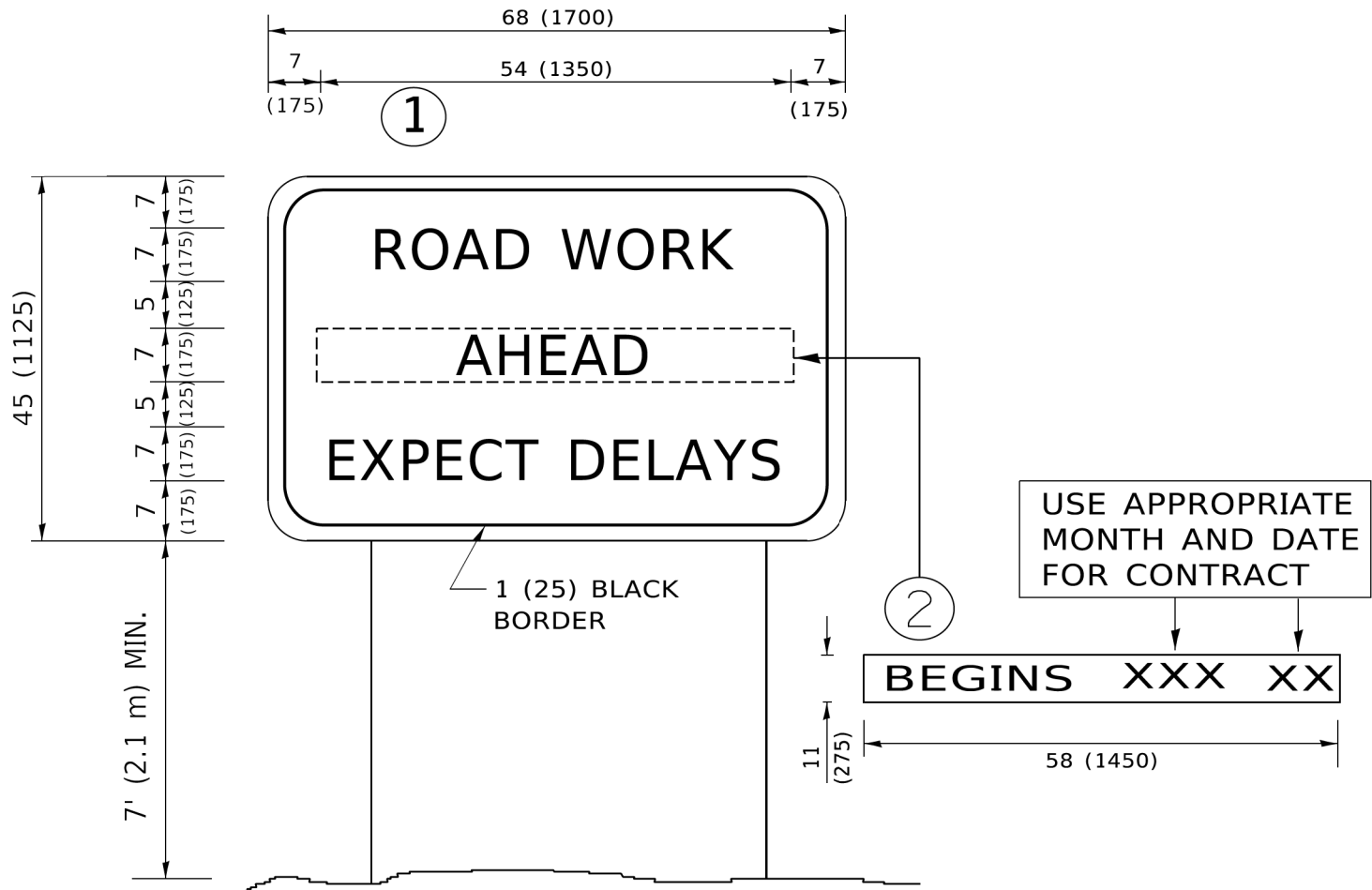
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD
INFORMATION SIGN

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

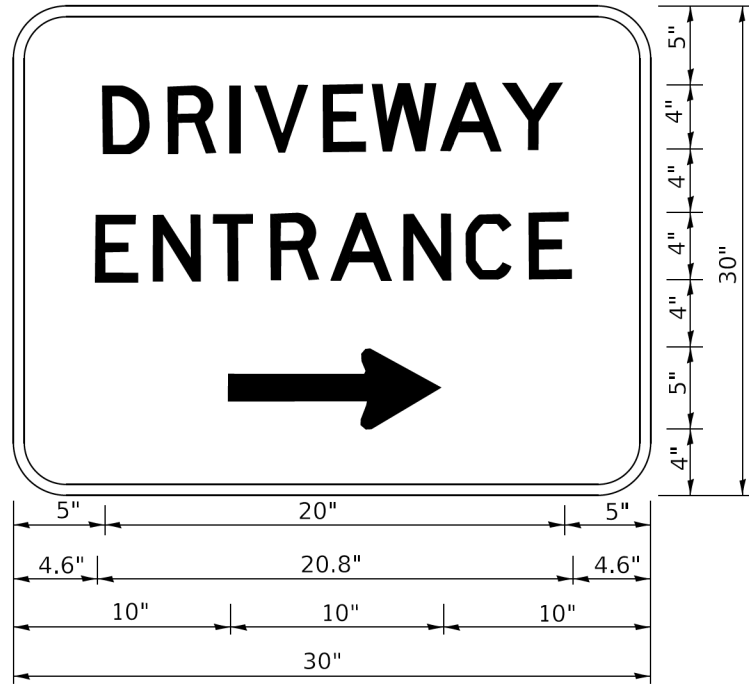
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TC-22		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN①WITH INSTALLED PANEL②ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL②SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.



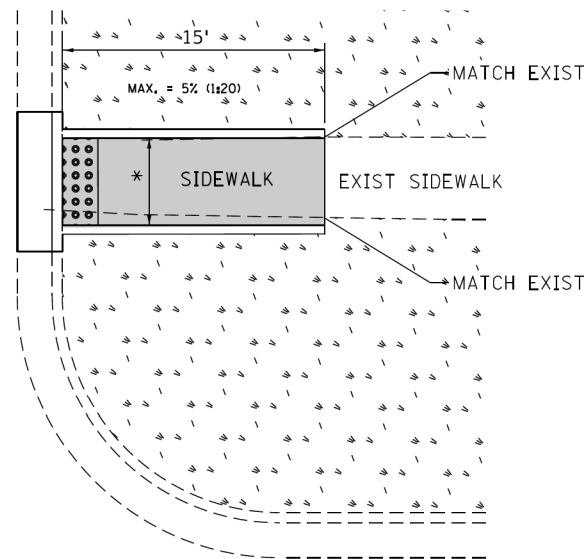
3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

- NOTES:
- 1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
 - 2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN)
SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
FAR LEFT SIDE OF THE DRIVEWAY.
 - 3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

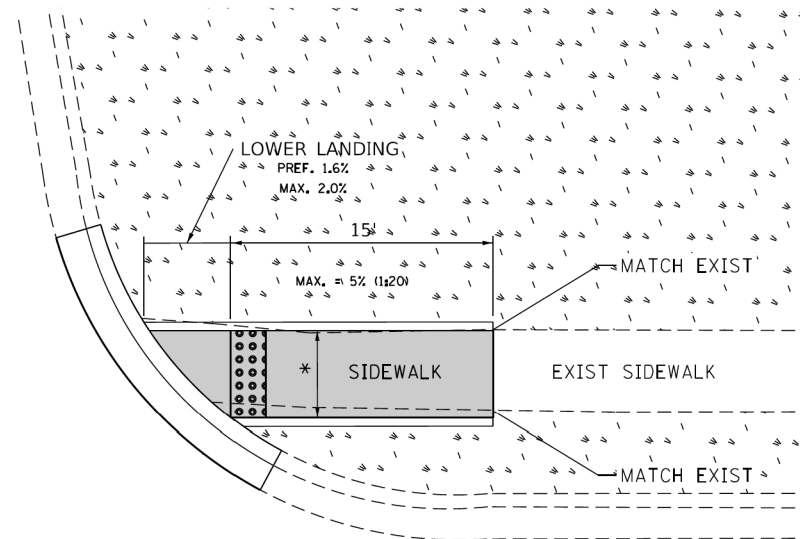
MODEL: GN - Sheet 11
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ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN. SLOPE

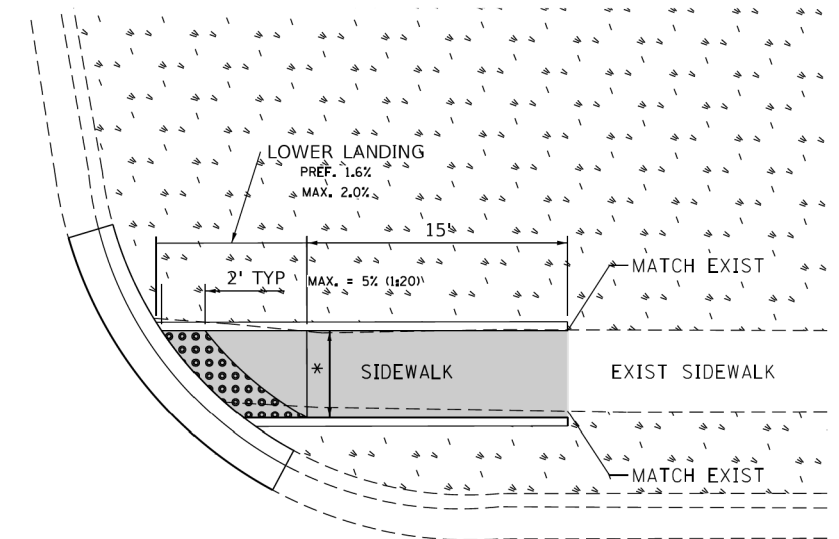
PD-01A



PD-01B



PD-01C



LEGEND



EXIST. GRASS



PROPOSED SIDEWALK



DETECTABLE WARNINGS

== PROPOSED SIDE CURB

CONSTRUCTION NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN
TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH

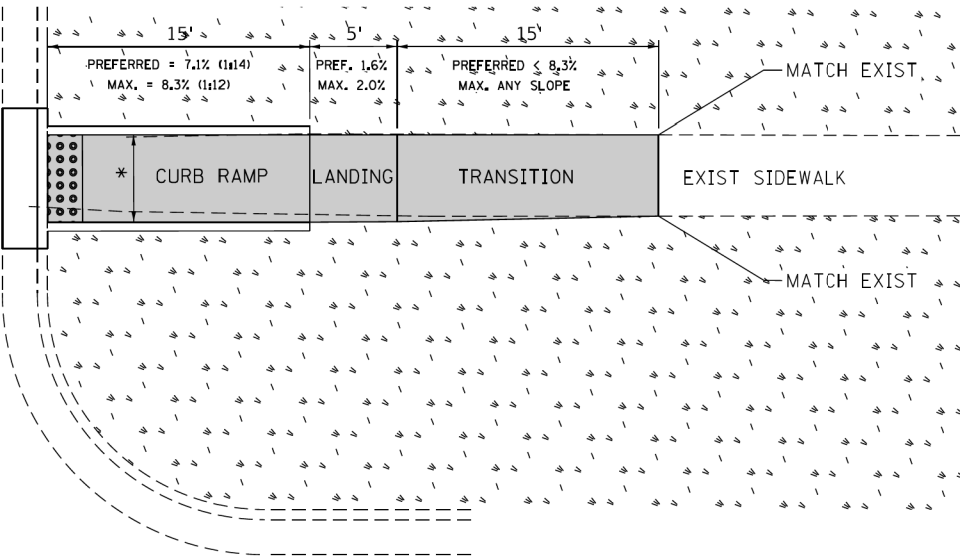
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SR\WP\PLAN\PREP\SQUAD\1\Des_RL\Typical ADA details\Typical-ADA-shr\plandgn		DRAWN - RL 11/12/2019	REVISED -		(PD-01)								
		CHECKED -	REVISED -						PD-01		CONTRACT NO.		
Default		DATE - 12/17/2019	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

USER NAME = kcoortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS IDOT DISTRICT 1 - PROJECT DETAILS FOR CURB RAMPS (PD-01)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			2744	2024-951-RS, SW	COOK	114	109	
	CHECKED -	REVISED -			CONTRACT NO. 62W73					
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -			SCALE:	SHEET 1 OF 6 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

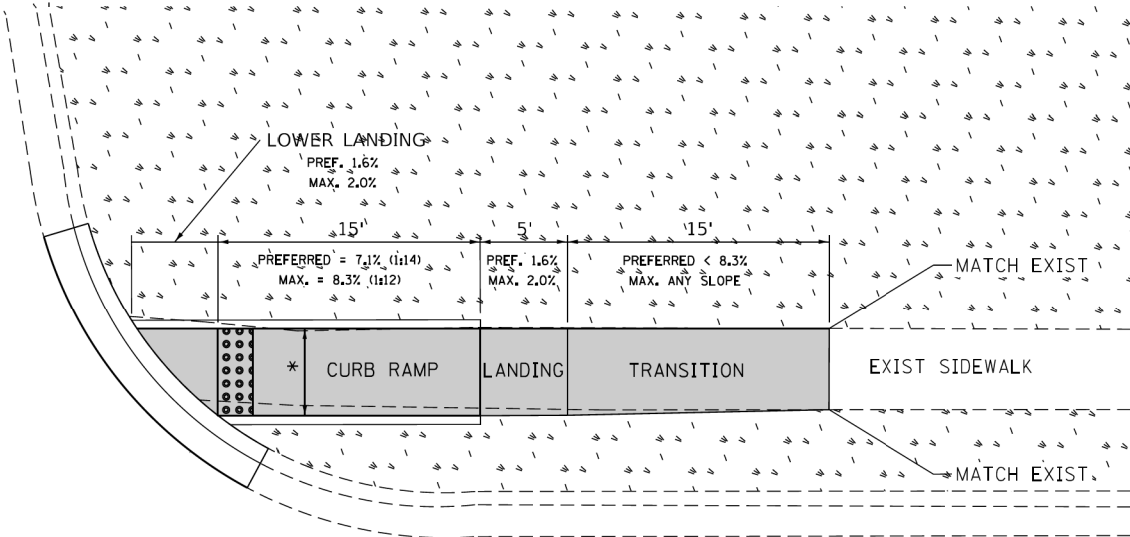
MODEL: ADA detail Sheet 1
FILE NAME: Z:\2023\23232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ADA_Details.dgn

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR GREATER RUN. SLOPE

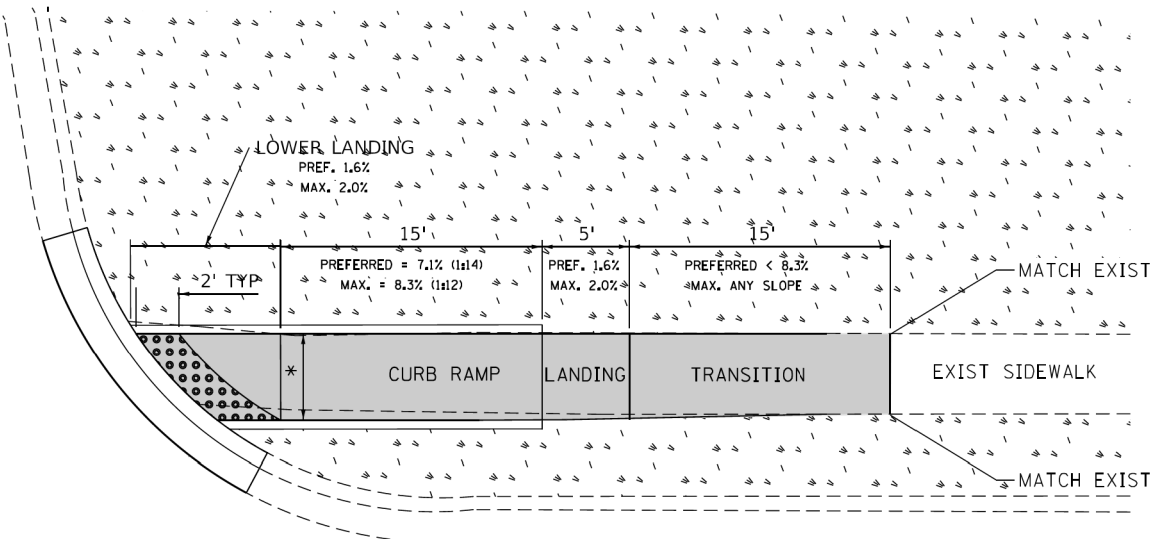
PD-02A



PD-02B



PD-02C



LEGEND

	EXIST. GRASS
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	PROPOSED SIDE CURB

CONSTRUCTION NOTES:
1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH

FILE NAME =	USER NAME = kcoriopassi	DESIGNED -	REVIS
S:\WP\PLAN\PREP\SQUAD\INDes\RL\Typical ADA details\Typical ADA-shr-plan.dgn		DRAWN - RL	REVISED -
	PLOT SCALE = 10,0000' / in	CHECKED -	REVISED -
Default	PLOT DATE = 12/17/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-02)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	110
CONTRACT NO. 62W73				

USER NAME = kcoriopassi	DESIGNED -	REVIS
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

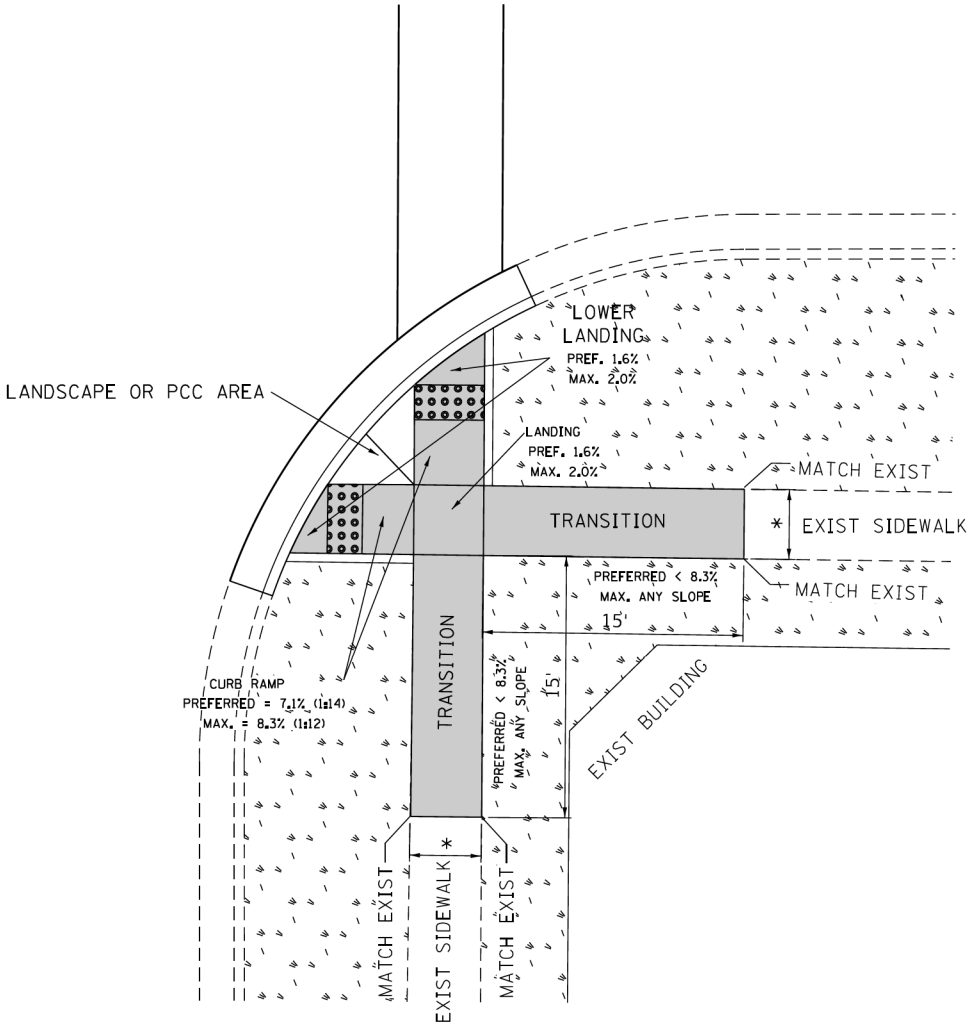
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
IDOT DISTRICT 1 - PROJECT DETAILS FOR CURB RAMPS (PD-02)

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

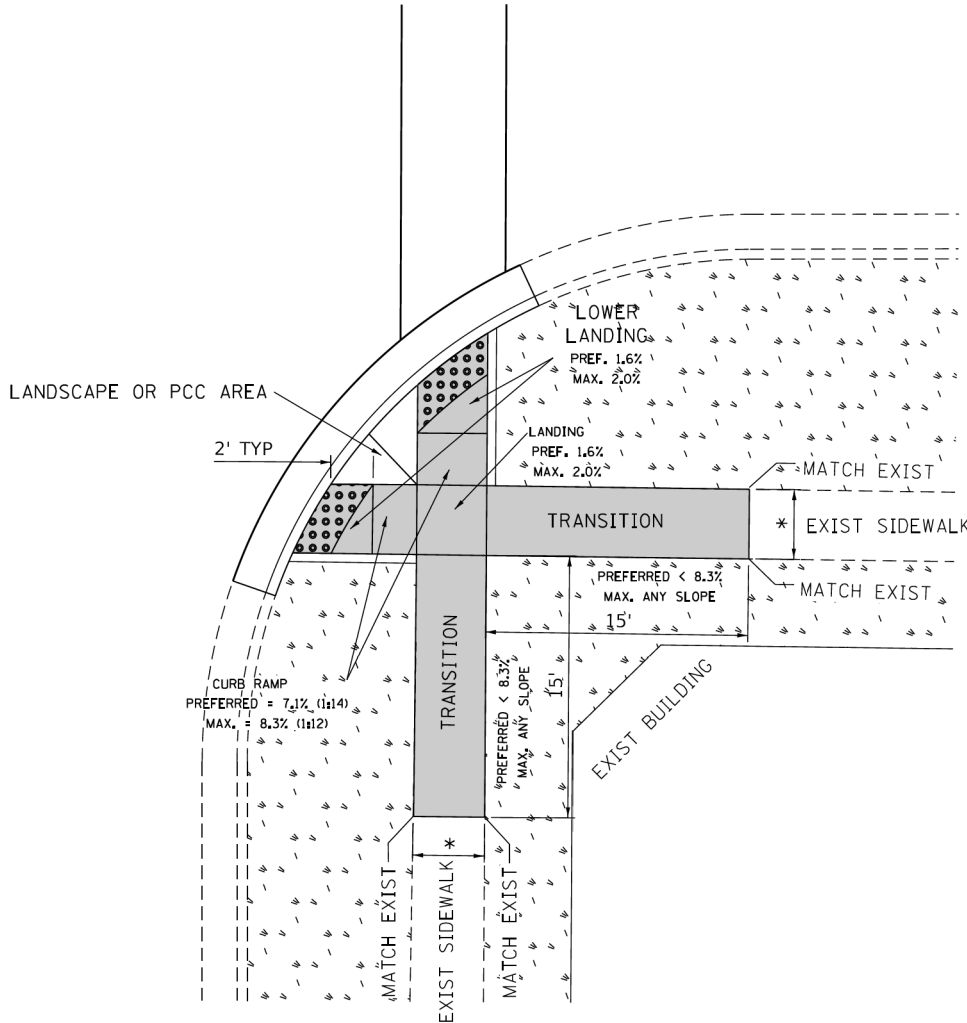
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	110
CONTRACT NO. 62W73				

ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

PD-03A



PD-03B



LEGEND

PROPOSED SIDE CURB

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

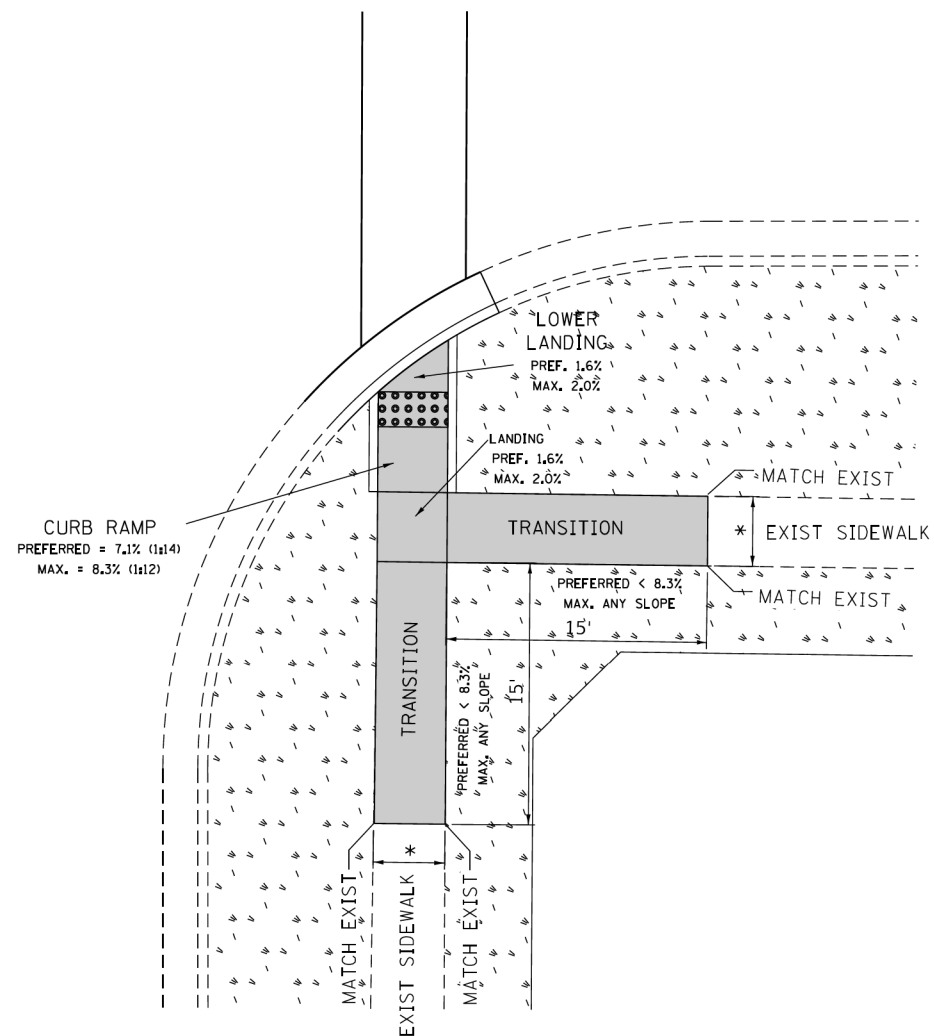
CONSTRUCTION NOTES:
1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
* MATCH EXISTING SIDEWALK WIDTH

FILE NAME =	USER NAME = ldezma	DESIGNED -	REVIS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS (PD-03)			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\PLAN\PREP\SQUAD\1\Des\RL\Typical ADA details\Typical-ADA-shr-plan.dgn		DRAWN - RL	11/12/2019									
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Default	PLOT DATE = 12/17/2019	DATE -	REVIS									

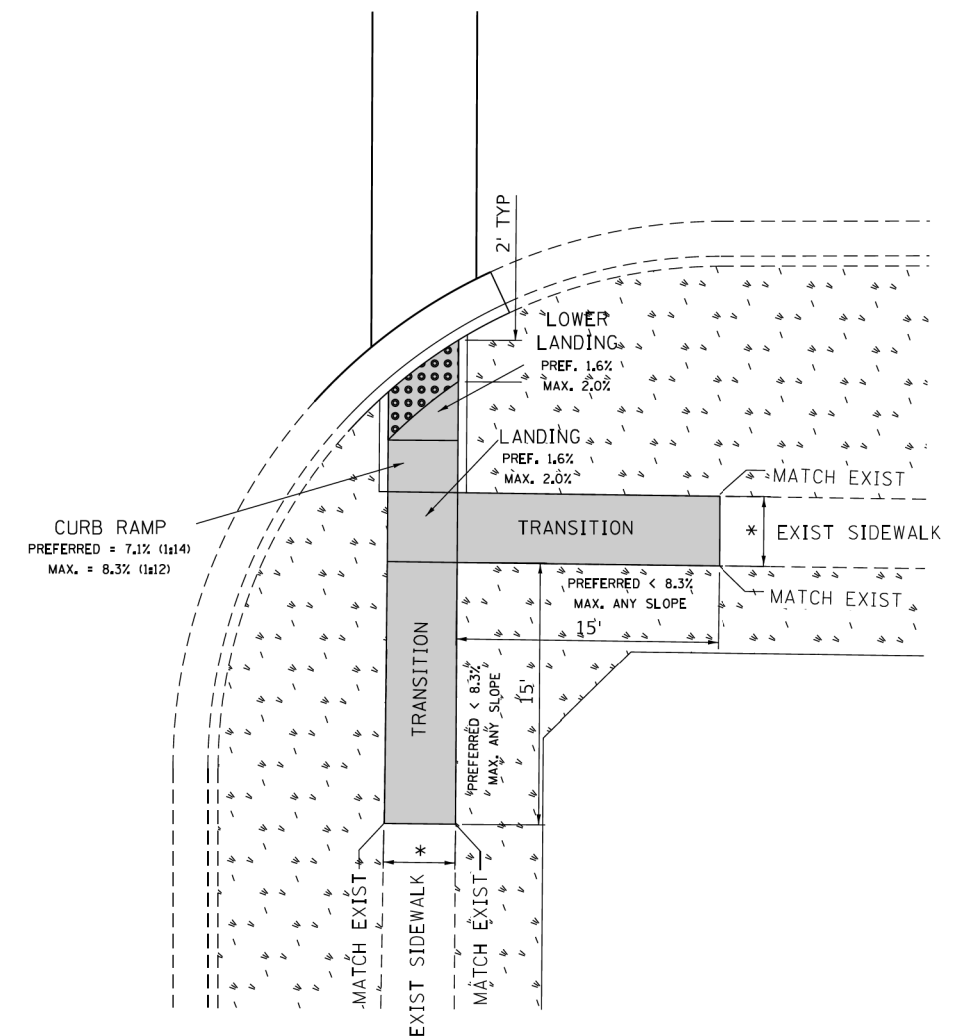
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	DRAWN -	REVIS									
	CHECKED -	REVIS									
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVIS									

MODEL: ADA detail sheet 3
FILE NAME: Z:\2023\2323331_PTB21\0-02_VerPlan\Projects\W02_62W73-GreenBayRd\09-CADD\3_Sheets\117524-shr-ADA_Details.dgn

PD-04A



PD-04B



1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN
TRANSITIONING TO EXISTING SIDEWALK

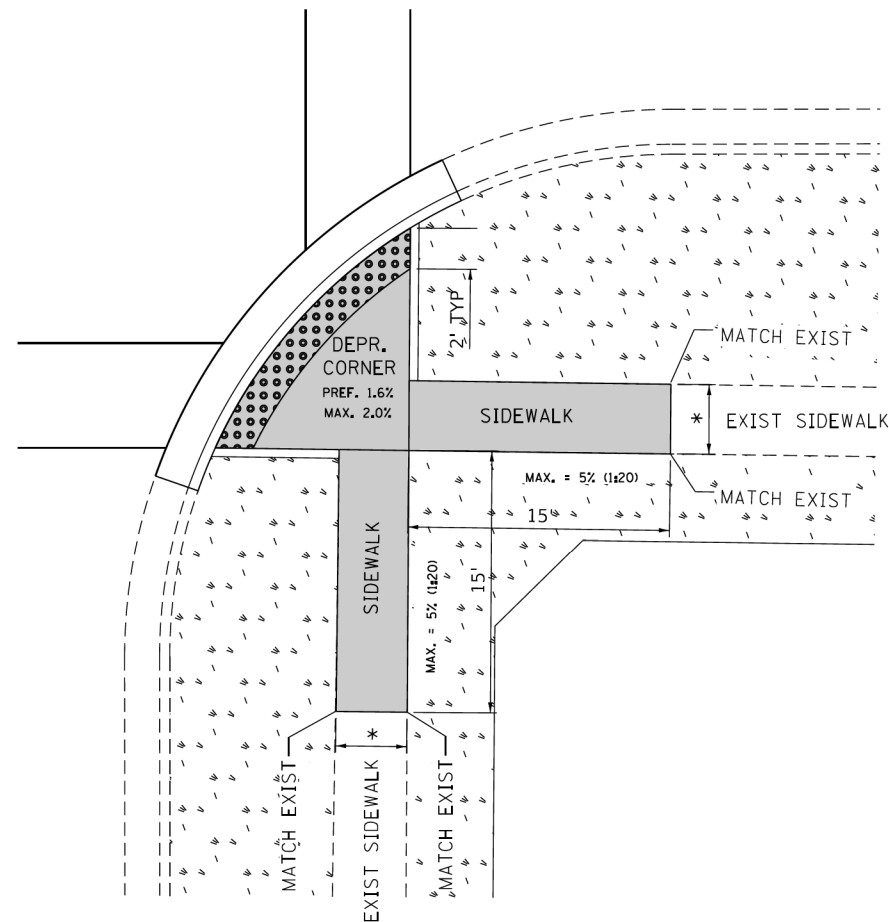
* MATCH EXISTING SIDEWALK WIDTH

FILE NAME =	USER NAME = ldezsmorm	DESIGNED - --- --/--/----	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/TURNING SPACE (PD-04)					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SWWP\PLANPREP\SQUAD_1\Des_RL\Typical ADA details\Typical-ADA-sht-planv.dgn		DRAWN - RL 11/12/2019	REVISED -							PD-04		CONTRACT NO.		
PLOT SCALE = 10,0000' / in.		CHECKED -	REVISED -											
DATE = 12/17/2019		DATE -	REVISED -											
Default:					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

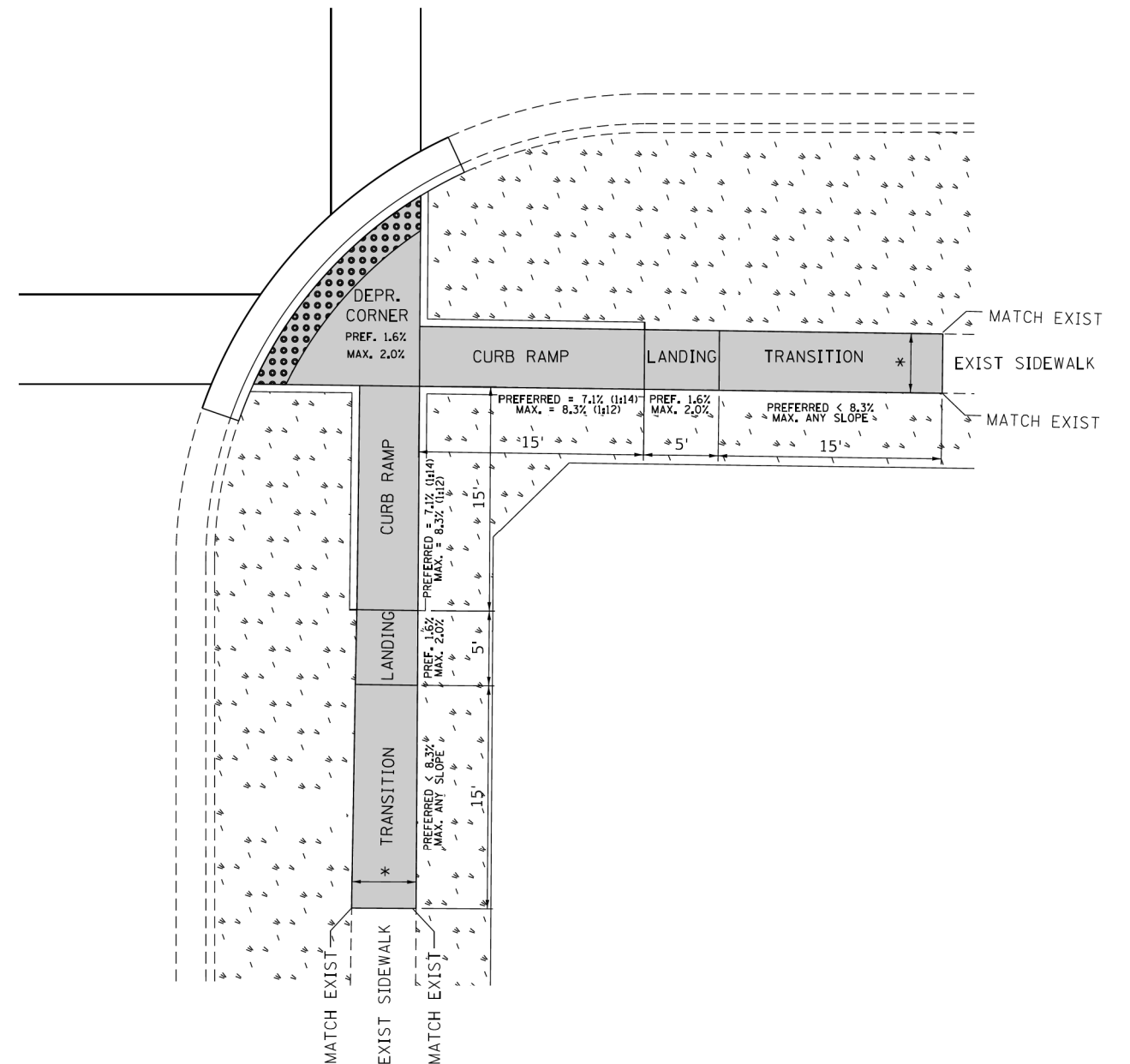
USER NAME = kcoortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS IDOT DISTRICT 1 - PROJECT DETAILS FOR CURB RAMPS (PD-04)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -			2744	2024-951-RS, SW	COOK	114	112
	CHECKED -	REVISED -			CONTRACT NO. 62W73				
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -			SCALE:	SHEET 4 OF 6 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: ADA detail sheet 4
FILE NAME: Z:\2023\3232331\PTB210-002 VarPHILProtectsWO2 62W73-GreenBayRu\09-CADD\3 SheetsID117524-shi-ADA Details.dgn

PD-05A



PD-05B



10

== PROPOSED SIDE CURB

* MATCH EXISTING SIDEWALK WIDTH

FILE NAME =	USER NAME = ldezerm	DESIGNED - --- --/--/----	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROJECT DETAIL FOR DEPRESSED CORNER CURB RAMPS (PD-05)						F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -									ILLINOIS FED. AID PROJECT			
Default	PLOT DATE = 12/17/2019	DATE -	REVISED -												

USER NAME = kcoortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS IDOT DISTRICT 1 - PROJECT DETAILS FOR CURB RAMPS (PD-05)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	DRAWN -	REVISED -			2744	2024-951-RS, SW	COOK	114	113		
	CHECKED -	REVISED -			CONTRACT NO. 62W73						
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -			SCALE:	SHEET 5 OF 6 SHEETS	STA.	TO STA.			
					ILLINOIS FED. AID PROJECT						

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
IDOT DISTRICT 1 - PROJECT DETAILS FOR CURB RAMPS (PD-05)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	113
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

ADA DETAIL FOR PARALLEL CURB RAMPS ADJACENT TO LANDSCAPING

PD-06A

LANDSCAPE OR PCC AREA

2' TYP

DETECTABLE WARNING FROM BACK OF CROSSWALK TO BACK

SIDEWALK

EXIST SIDEWALK

MATCH EXIST

LOWER LANDING

PREF. 1.6%
MAX. 2.0%

MAX. = 5% (1:20)

15'

MATCH EXIST

EXIST SIDEWALK

MATCH EXIST

LANDSCAPE OR PCC AREA

PD-06B

LANDSCAPE OR PCC AREA

DETECTABLE WARNING FROM BACK OF CROSSWALK TO BACK

RAMP

LOWER LANDING

PREF. 1.6%
MAX. 2.0%

PREF. 7.1% (1:14)
MAX. = 8.3% (1:12)

15'

LANDING

PREF. 1.6%
MAX. 2.0%

5'

TRANSITION

PREF. 8.3%
MAX. = ANY SLOPE

15'

MATCH EXIST

LANDSCAPE OR PCC AREA

MATCH EXIST

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	114
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

MODEL: ADA detail Sheet 6
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