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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

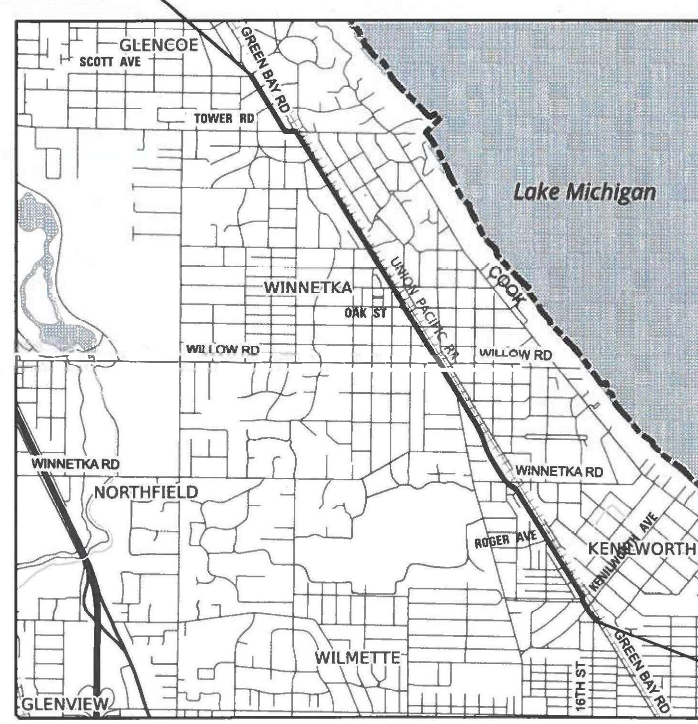
PROPOSED HIGHWAY PLANS

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

R 13 E



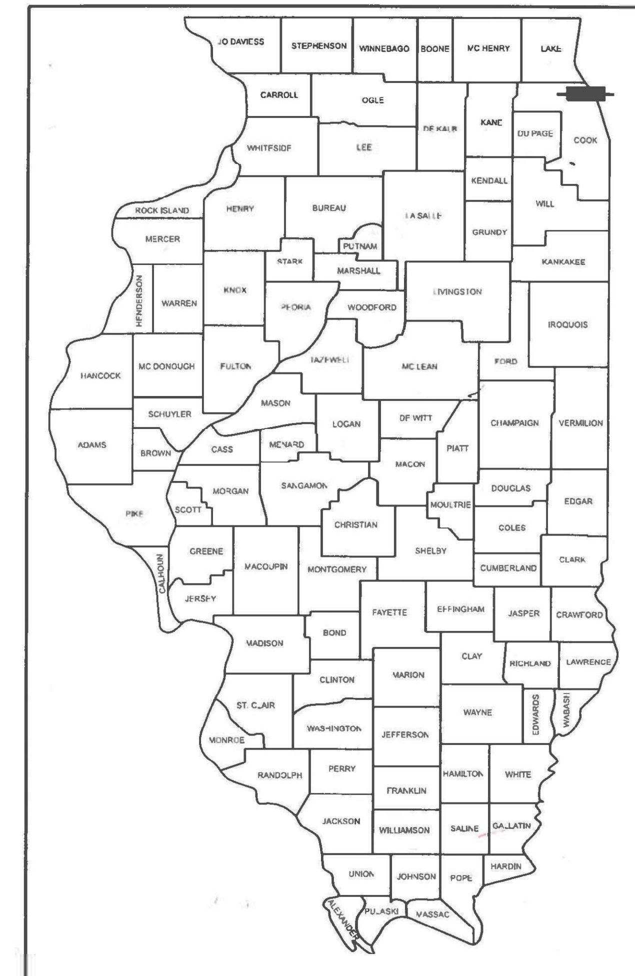
T 42 N

PROJECT END
STA. 166+93

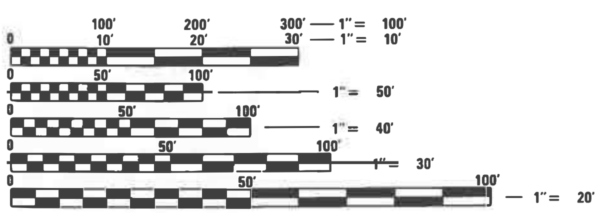
NEW TRIER TOWNSHIP

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

D-91-175-24



LOCATION OF SECTION INDICATED THUS: -



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 12 20 24

REGIONAL ENGINEER

January 31 20 25

ENGINEER OF DESIGN AND ENVIRONMENT

January 31 20 25

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 62W73

REV-SEP

INDEX OF SHEETS

STATE HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	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
442201-03	CLASS C AND D PATCHES
604001-05	FRAME AND LIDS, TYPE 1
604091-05	FRAME AND GRATE TYPE 24
606001-08	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
701901-10	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

VAULTED SIDEWALK

1. 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.

GENERAL NOTES

1. 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.
2. 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.
3. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
4. LOCATION OF CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
5. SIDEWALK REMOVAL AND REPLACEMENT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
6. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
15. 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.
16. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
17. BEFORE STARTING ANY EXCAVATION. THE CONTRACTOR SHALL CALL "J.U.L.I.E." FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
18. THE CONTRACTOR WILL NOT BE ABLE TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
19. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND THE VILLAGES OF WILMETTE, KENILWORTH, WINNETKA, AND GLENCOE.
20. 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.
21. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
22. 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.

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

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, N70	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

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

	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			
	60260100	INLETS TO BE ADJUSTED	EACH	8	8	0	0			
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	8	8	0	0			
	60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	26	26	0	0			
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	137	137	0	0			
	60404950	FRAMES AND GRATES, TYPE 24	EACH	1	1	0	0			
	60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	3	3	0	0			
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	3	3	0	0			
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	150	150	0	0			
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7	0	0			
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	0	0			
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	0	0			
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	45	45	0	0			
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12	0	0			
	67100100	MOBILIZATION	L SUM	1	1	0	0			

* SPECIALTY ITEM

	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

	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

	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

	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			
	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1	0	0			
*	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	3,481	0	3,481	0			
	X0326806	WASHOUT BASIN	L SUM	1	1	0	0			
	X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	256	256	0	0			
	X0327989	REMOVE EXISTING BRICK PAVERS	SQ FT	3,781	3,781	0	0			
*	X1400367	PEDESTRIAN SIGNAL POST, 10 FT	EACH	9	0	9	0			
*	X1400378	PEDESTRIAN SIGNAL POST, 5FT	EACH	21	0	21	0			
	X4060995	TEMPORARY RAMP (SPECIAL)	SQ YD	550	550	0	0			
	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	193	193	0	0			
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	10	10	0	0			
	X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	2,593	2,593	0	0			
	X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	510	0	0	510			
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	122	122	0	0			
	X8510204	PAINT NEW PEDESTRIAN PUSH-BUTTON POST	EACH	27	0	27	0			

* SPECIALTY ITEM

	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			
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	68	0	68	0			
*	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	120	0	120	0			
*	X8891009	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	2	0	2	0			
	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	34	0	0	34			
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	412	412	0	0			
*	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL I	EACH	9	0	9	0			
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	0	0			
Ø	Z0076600	TRAINEES	HOUR	500	500					
Ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500					

* SPECIALTY ITEM

Ø 0042

MODEL: SOQ - Table Sheet 9 [Sheet]
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-soq.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

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 9 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	11

CONTRACT NO. 62W73

ILLINOIS | FED. AID PROJECT

REV-SEP

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

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

40600290 BITUMINOUS MATERIALS (TACK COAT)

STATION	STATION	AREA (SQ FT)	APPLIC (EACH)	RESIDUAL ASPHALT RATE (LB/SQFT)	APPLIC (EACH)	RESIDUAL ASPHALT RATE (LB/SQFT)	TOTAL (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

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

INTERSECTION	LENGTH OF BUTT JOINT (FEET)	TOTAL AREA (SQYD)
Project Limit (Sta. 14+11.00)	4.5	21.0
SCOTT AVE	4.5	33.9
MERRILL ST	4.5	26.5
GAGE ST	4.5	40.0
TOWER (S)	4.5	15.0
TOWER (N)	4.5	0.0
CHATFIELD DR	4.5	11.5
VINE ST	4.5	10.0
ELDORADO ST	4.5	20.0
WESTMOOR RD	4.5	10.0
PINE ST	4.5	18.0
SPRUCE ST	4.5	13.5
ELM ST	4.5	62.5
OAK ST (S)	4.5	34.0
OAK ST (N)	4.5	20.0
CHERRY ST	4.5	26.5
ASH ST	4.5	12.0
WILLOW RD	4.5	17.0
CHURCH RD	4.5	15.0
SUNSET RD	4.5	9.0
HILL TERRACE	4.5	8.8
WINNETKA RD	4.5	47.8
ROGER RD	4.5	13.6
WAYLAND AVE	4.5	12.0
MELROASE AVE	4.5	11.0
PARK DR.	4.5	18.0
KENILWORTH AVE	4.5	42.0
16TH STREET	4.5	15.0
ASHLAND LANE	4.5	13.5
Project Limit (Sta. 166+92.61)	4.5	25.0
	TOTAL	622

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

TOTAL	3,311	TONS

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-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "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

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

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

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

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

44000158 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

Location	STATION	AREA (SQ FT)	AREA (SQ YD)	TOTAL AREA (SQ YD)
Segment 1		71,393	7,933	7,932.60
Segment 4		186,180	20,687	20,686.61
			TOTAL	28,619

44000164 HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"

Location	STATION	AREA (SQ FT)	AREA (SQ YD)	TOTAL AREA (SQ YD)
Segment 2		236,433	26,270	26,270.32
Segment 3		290,214	32,246	32,246.05
			TOTAL	58,516

44000200 DRIVEWAY PAVEMENT REMOVAL

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

44000600 SIDEWALK REMOVAL

Intersection: Green Bay / Kenilworth

LOC	AREA (SF)
NW Corner	434
SW Corner	227
SE Corner	158
NE Corner	101
SUBTOTAL	920

Intersection: Green Bay / Park

LOC	AREA (SF)
NW Corner	670
SW Corner	232
Median	185
NE Corner	146
SUBTOTAL	1,233

Intersection: Green Bay / Sunset

LOC	AREA (SF)
NW Corner	393
SW Corner	209
SE Corner	57
NE Corner - N	128
NE Corner - S	80
SUBTOTAL	867

Intersection: Green Bay / Pine

LOC	AREA (SF)
NW Corner	585
SW Corner	275
SE Corner	219
SUBTOTAL	1,079

Intersection: Green Bay / Eldorado

LOC	AREA (SF)
NW Corner	150
NE Corner	185
SUBTOTAL	335

Intersection: Green Bay / Tower (W)

LOC	AREA (SF)
NW Corner	0
SW Corner	223
NE Corner	0
SUBTOTAL	223

Intersection: Green Bay / Church Rd

LOC	AREA (SF)
Median	125
SUBTOTAL	125

Intersection: Green Bay /Ash St

LOC	AREA (SF)
NW Corner	94
SW Corner	190
SUBTOTAL	283

Intersection: Green Bay /Oak St-Linden St

LOC	AREA (SF)
NW Corner	0
NE Corner	218
SUBTOTAL	218

Intersection: Green Bay /Spruce St

LOC	AREA (SF)
NW Corner	131
SW Corner	112
SUBTOTAL	242

Intersection: Green Bay / Merill St

LOC	AREA (SF)
NW Corner	65
SW Corner	137
SE Corner	388
NE Corner	159
SUBTOTAL	749

Intersection: Green Bay / Tower (E)

LOC	AREA (SF)
NW Corner	154
SW Corner	0
SE Corner	179
NE Corner	309
SUBTOTAL	641

Intersection: Green Bay / Gage

LOC	AREA (SF)
NW Corner	156
SW Corner	439
SE Corner	32
NE Corner	235
SUBTOTAL	862

Intersection: Green Bay / Scott

LOC	AREA (SF)
NW Corner	0
SW Corner	151
SE Corner	117
NE Corner	318
SUBTOTAL	586

Intersection: Green Bay /Chatfield Rd

LOC	AREA (SF)
NW Corner	98
SW Corner	173
SUBTOTAL	271

Intersection: Green Bay /Cherry St

LOC	AREA (SF)
SW Corner	239
SUBTOTAL	239

Intersection: Green Bay /Elm St

LOC	AREA (SF)
SE Corner	0
SUBTOTAL	0

Intersection: Green Bay /Westmoor Rd

LOC	AREA (SF)
NW Corner	77
SW Corner	133
SUBTOTAL	210

Intersection: Green Bay /Willow Rd

LOC	AREA (SF)
NW Corner	210
SW Corner	67
SUBTOTAL	277

Intersection: Green Bay /Wayland Ave

LOC	AREA (SF)
NW Corner	176
SW Corner	225
SUBTOTAL	401

Intersection: Green Bay /Melrose Ave

LOC	AREA (SF)
NW Corner	302
SW Corner	317
SUBTOTAL	619

Intersection: Green Bay /Oak St

LOC	AREA (SF)
NW Corner	17.0
SW Corner	17.0
SUBTOTAL	34

TOTAL	10,413	SQ FT

44002217 HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4 1/4"

Intersection: Green Bay / Kenilworth

LOC	AREA (SF)	AREA (SY)
NW Corner	183	20.3
SW Corner	125	13.8
SE Corner	149	16.6
NE Corner	168	18.7
SUBTOTAL		69.4

Intersection: Green Bay / Park

LOC	AREA (SF)	AREA (SY)
NW Corner	315	35.0
SW Corner	76	8.4
Median	378	42.0
NE Corner	171	19.0
SUBTOTAL		104.5

Intersection: Green Bay / Sunset

LOC	AREA (SF)	AREA (SY)
NW Corner	217	24.1
SW Corner	46	5.1
SE Corner	53	5.9
NE Corner - N	41	4.5
NE Corner - S	54	6.0
SUBTOTAL		45.7

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	56	6.2
NE Corner	362	40.3
SUBTOTAL		46.5

Intersection: Green Bay / Tower (W)

LOC	AREA (SF)	AREA (SY)
NW Corner	299	33.2
SW Corner	290	32.3
NE Corner	120	13.3
SUBTOTAL		78.8

Intersection: Green Bay / Chatfield

LOC	AREA (SF)	AREA (SY)
NW Corner	121	13.4
SW Corner	133	14.8
SUBTOTAL		28.2

Intersection: Green Bay / Westmoor

LOC	AREA (SF)	AREA (SY)
NW Corner	69	7.6
SW Corner	80	8.9
SUBTOTAL		16.5

Intersection: Green Bay / Spruce

LOC	AREA (SF)	AREA (SY)
SW Corner	114	12.7
SUBTOTAL		12.7

Intersection: Green Bay / Elm

LOC	AREA (SF)	AREA (SY)
SE Corner	124	13.8
SUBTOTAL		13.8

Intersection: Green Bay / Ash

LOC	AREA (SF)	AREA (SY)
NW Corner	48	5.3
SW Corner	55	6.1
SUBTOTAL		11.4

Intersection: Green Bay / Willow

LOC	AREA (SF)	AREA (SY)
NW Corner	111	12.3
SW Corner	57	6.3
SUBTOTAL		18.6

Intersection: Green Bay / Church

LOC	AREA (SF)	AREA (SY)
Median	76	8.5
Median	50	5.6
SUBTOTAL		14.1

Intersection: Green Bay / Wayland

LOC	AREA (SF)	AREA (SY)
NW Corner	108	12.0
SW Corner	140	15.6
SUBTOTAL		27.5

Intersection: Green Bay / Tower (E)

LOC	AREA (SF)	AREA (SY)
NW Corner	406	45.1
SW Corner	104	11.6
SE Corner	109	12.1
NE Corner	0	0.0
SUBTOTAL		68.7

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	213	23.7
SUBTOTAL		130.3

Intersection: Green Bay / Scott

LOC	AREA (SF)	AREA (SY)
NW Corner	162	18.0
SW Corner	248	27.5
SE Corner	178	19.8
NE Corner	201	22.3
SUBTOTAL		87.5

Intersection: Green Bay / Merrill

LOC	AREA (SF)	AREA (SY)
NW Corner	246	27.3
SW Corner	246	27.4
NE Corner	430	47.8
SUBTOTAL		102.5

Intersection: Green Bay / Oak

LOC	AREA (SF)	AREA (SY)
NW Corner	217	24.1
SW Corner	0	0.0
SE Corner	0	0.0
NE Corner	137	15.2
SUBTOTAL		39.4

Intersection: Green Bay / Cherry

LOC	AREA (SF)	AREA (SY)
NW Corner	0	0.0
SW Corner	177	19.6
SE Corner	0	0.0
NE Corner	0	0.0
SUBTOTAL		19.6

Intersection: Green Bay / Melrose

LOC	AREA (SF)	AREA (SY)
NW Corner	225	25.0
SW Corner	157	17.5
SE Corner	0	0.0
NE Corner	0	0.0
SUBTOTAL		42.5

IDOT Provided QTY	3063.0

TOTAL	4,091	SQ YD

44200974 CLASS B PATCHES, TYPE III, 10 INCH

Intersection: Green Bay / Tower East

LOC	AREA (SF)	AREA (SY)
SE Corner	155	17.2
SUBTOTAL		17

Intersection: Green Bay / Eldorado

LOC	AREA (SF)	AREA (SY)
NE Corner	178	19.7
SUBTOTAL		20

TOTAL	37	SQ YD

44200976 CLASS B PATCHES, TYPE IV, 10 INCH

Intersection: Green Bay / Tower East

LOC	AREA (SF)	AREA (SY)
NE Corner	312	34.7
TOTAL		35

44201299 DOWEL BARS 1 1/2"

Intersection: Green Bay / Eldorado

LOC	LENGTH (FOOT)	DOWEL BAR (EACH)
NE Corner - E. Pavement Edge	8	7

Intersection: Green Bay / TOWER (EAST)

LOC	LENGTH (FOOT)	DOWEL BAR (EACH)
NE Corner	8	7
SE Corner	8	7

TOTAL	21	EACH

44201761 CLASS D PATCHES, TYPE I, 10 INCH

NE Corner - N	41	4.5
LOC	AREA (SF)	AREA (SY)
IDOT Provided QTY		9.0
TOTAL	14	SQ YD

44201765 CLASS D PATCHES, TYPE II, 10 INCH

Intersection: Green Bay / Kenilworth

LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
SW Corner	125	13.8
SE Corner		0.0
NE Corner		0.0
SUBTOTAL		13.8

Intersection: Green Bay / Park

LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
SW Corner	76	8.4
Median		0.0
NE Corner		0.0
SUBTOTAL		8.4

Intersection: Green Bay / Sunset

LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
SW Corner	46	5.1
SE Corner	53	5.9
NE Corner - N		0.0
NE Corner - S	54	6.0
SUBTOTAL		17.0

Intersection: Green Bay / Pine

LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
SW Corner		0.0
SE Corner		0.0
SUBTOTAL		0.0

Intersection: Green Bay / Eldorado

LOC	AREA (SF)	AREA (SY)
NW Corner	56	6.2
NE Corner		0.0
SUBTOTAL		6.2

Intersection: Green Bay / Tower (W)

LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
SW Corner		0.0
NE Corner	120	13.3
SUBTOTAL		13.3

Intersection: Green Bay / Tower (E)

LOC	AREA (SF)	AREA (SY)
NW Corner		0.0
SW Corner	104	11.6
SE Corner	109	12.1
NE Corner		0.0
SUBTOTAL		23.6

Intersection: Green Bay / Chatfield

LOC	AREA (SF)	AREA (SY)
NW Corner	121	13.4
SW Corner	133	14.8
SUBTOTAL		28.2

Intersection: Green Bay / Westmoor

LOC	AREA (SF)	AREA (SY)
NW Corner	69	7.6
SW Corner	80	8.9
SUBTOTAL		16.5

Intersection: Green Bay / Spruce

LOC	AREA (SF)	AREA (SY)
SW Corner	114	12.7
SUBTOTAL		12.7

Intersection: Green Bay / Elm

LOC	AREA (SF)	AREA (SY)
SE Corner	124	13.8
SUBTOTAL		13.8

Intersection: Green Bay / Ash

LOC	AREA (SF)	AREA (SY)
NW Corner	48	5.3
SW Corner	55	6.1
SUBTOTAL		11.4

Intersection: Green Bay / Willow

LOC	AREA (SF)	AREA (SY)
NW Corner	111	12.3
SW Corner	57	6.3
SUBTOTAL		18.6

Intersection: Green Bay / Church

LOC	AREA (SF)	AREA (SY)
Median	76	8.5
Median	50	5.6
SUBTOTAL		14.1

Intersection: Green Bay / Wayland

LOC	AREA (SF)	AREA (SY)
NW Corner	108	12.0
SUBTOTAL		12.0

IDOT Provided QTY	352.0

TOTAL	549	SQ YD

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

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

TOTAL	2,081	SQ YD

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

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

TOTAL	1,467	SQ YD

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

INTERSECTION	ONLY 20.8	ARROW (LEFT) 15.6	ARROW (RIGHT) 15.6	ARROW (THROUG-RIGHT) 26.0	TOTAL (SQFT)
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

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 (L/R/C)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
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 (L/R/C)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
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 (L/R/C)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
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

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

2' DASH-6'SKIP

STATION	STATION	OFFSET (L/R/C)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
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 (L/R/C)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
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 (L/R/C)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
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

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

GORE BOARDER

STATION	STATION	OFFSET (L/R/C)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
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

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

MEDIAN DIAGONALS STATION	STATION	OFFSET (L/R/C)	COLOR (WHITE OR	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 (L/R/C)	COLOR (WHITE OR	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

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

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

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

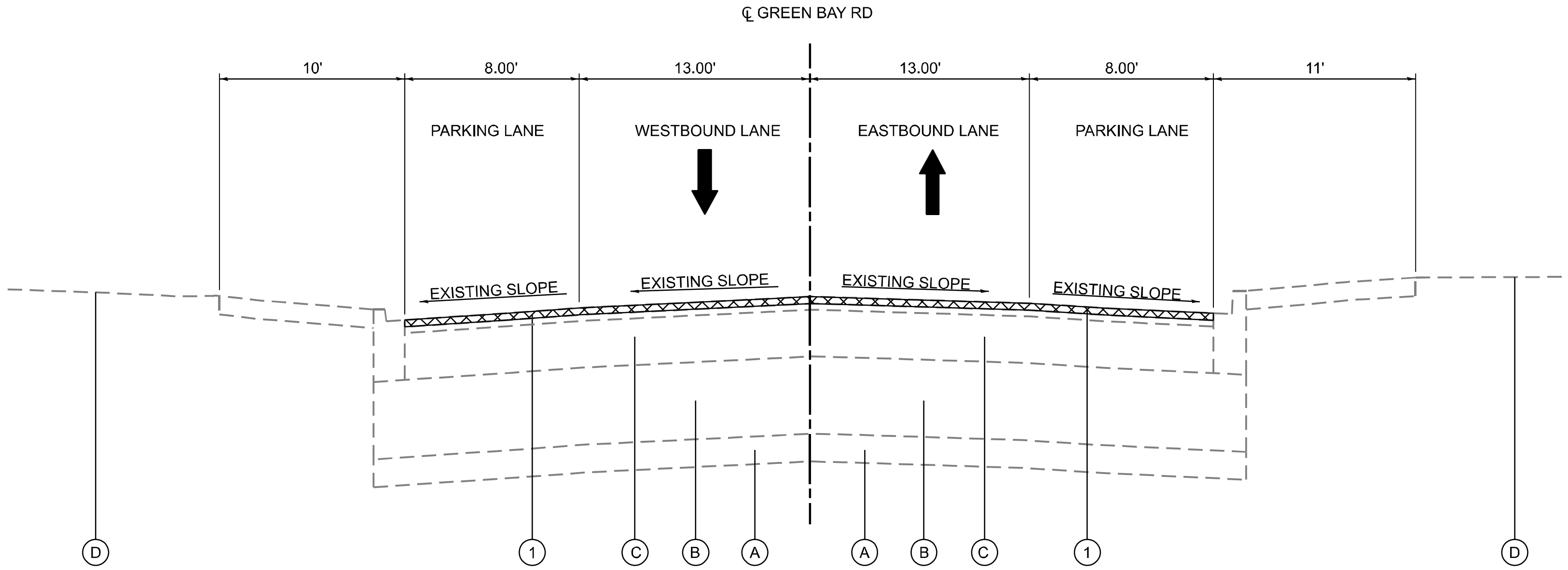
Intersection: Green Bay / Melrose

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

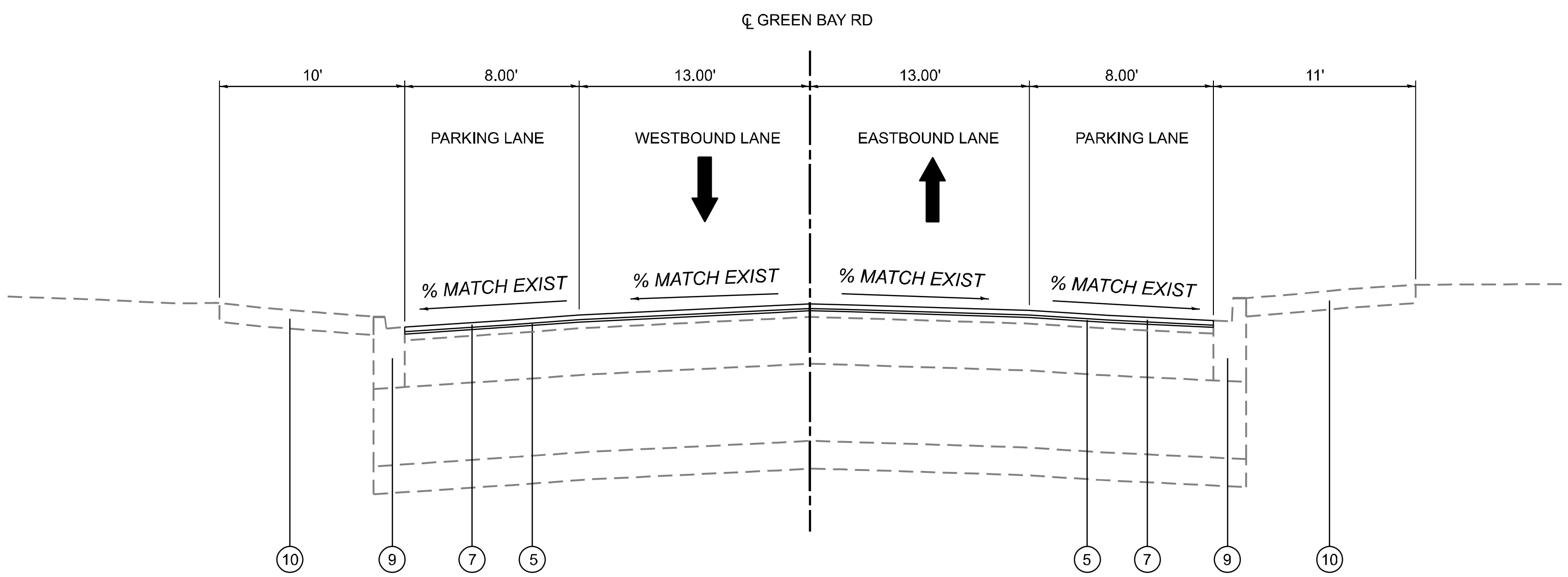
LOC	LF	WIDTH	AREA (SF)
NW Corner	9.5	2	19.0
SW Corner	9.0	2	18.0
SUBTOTAL			37.0

Total	193	SQ FT



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
- 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.

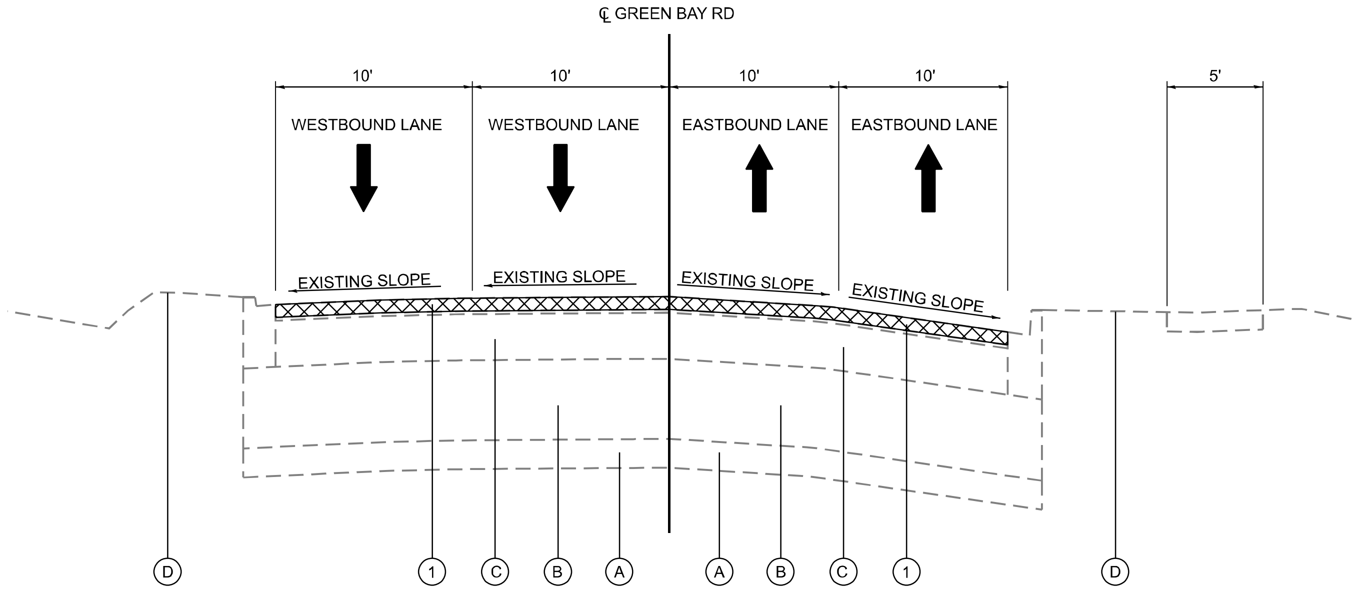
SEQUENCE OF CONSTRUCTION:
1. CONTRACTOR SHALL PATCH BEFORE MILLING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QUALTIY 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)		

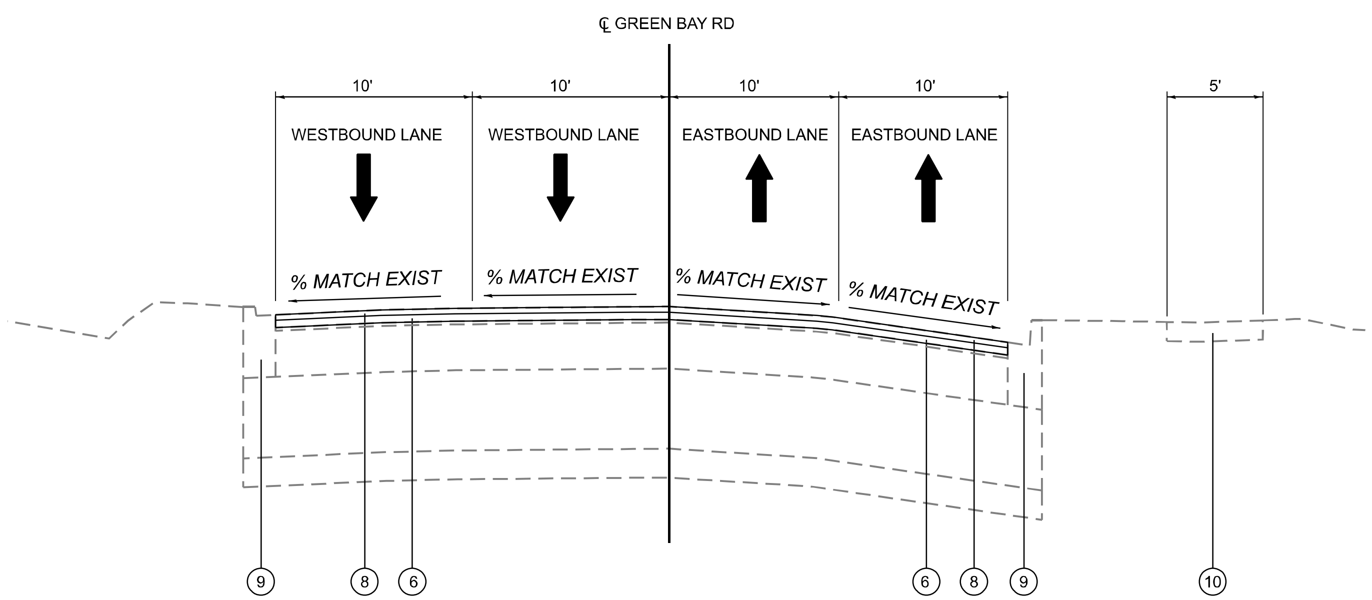
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD/IN.

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.



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
- 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.

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

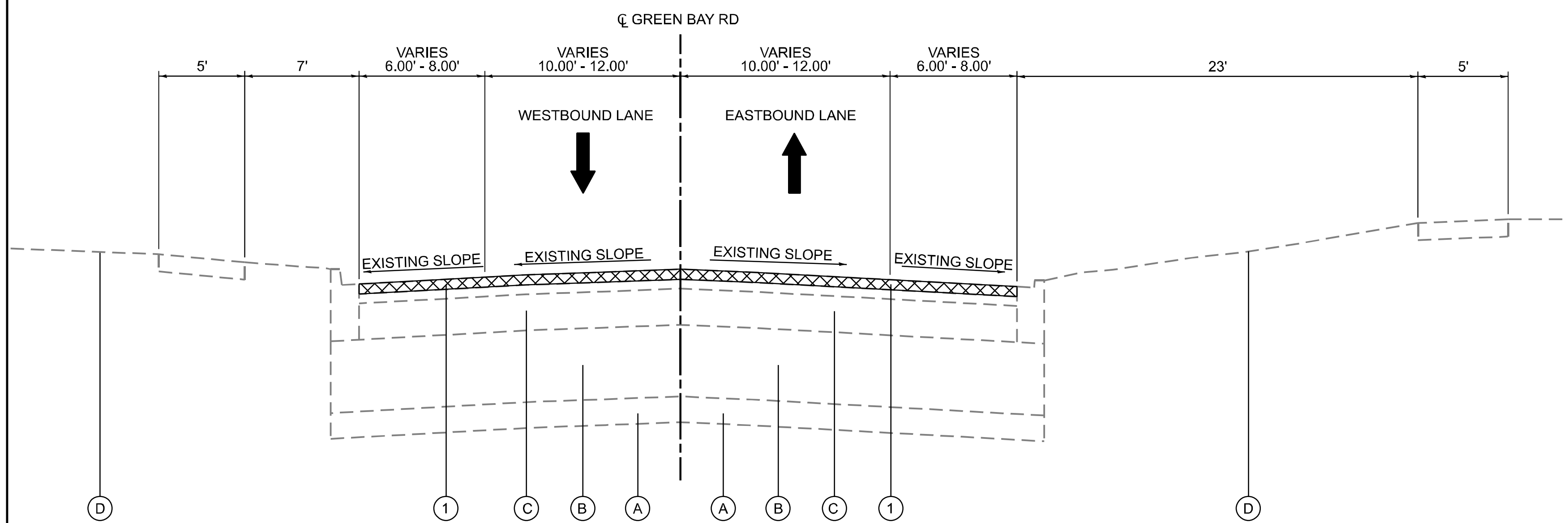
USER NAME = rsikes	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/16/2025	DATE - 9/6/2024	REVISED -

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		



EXISTING TYPICAL SECTION

GREEN BAY ROAD
(OAK ST TO ROGER AVE)
STA. 78+17.48 TO STA. 123+00.00
STA. 130+00.00 TO STA. 137+00.00
(DESIGNED OVERLAY)

EXISTING LEGEND

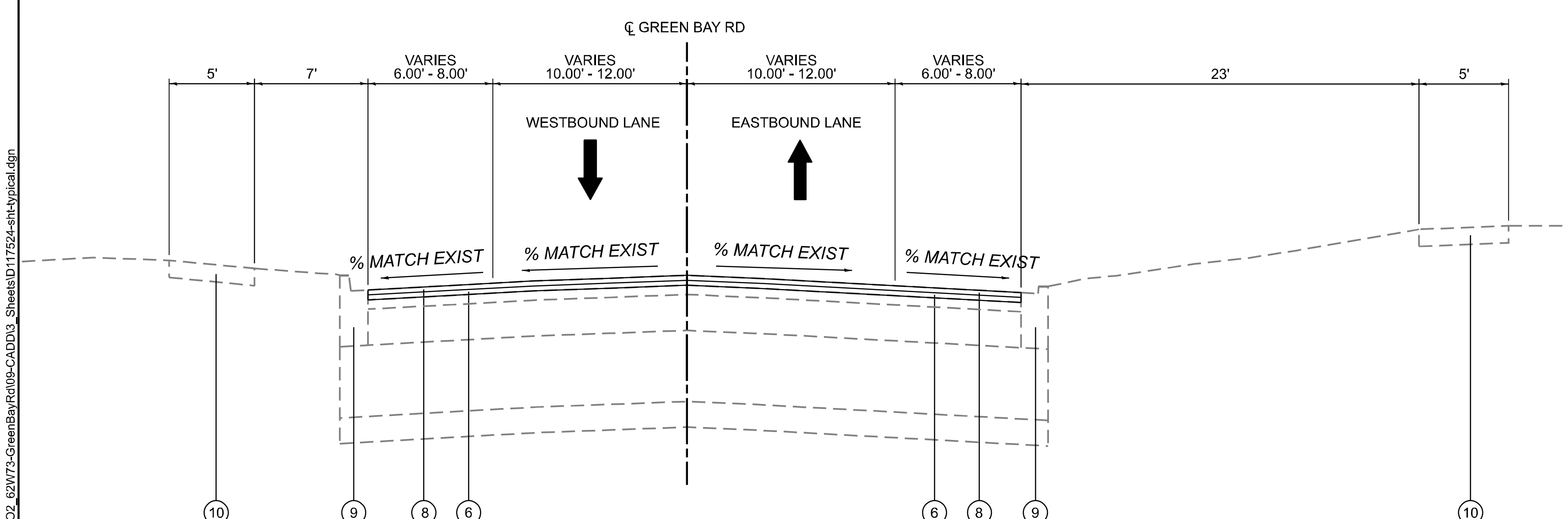
- (A) EXIST. GRANULAR SUB BASE
- (B) EXIST. PCC PAVEMENT (VARIES 8.00" TO 14.50")
- (C) EXIST. HOT-MIX ASPHALT SURFACE (VARIES 2.50" TO 6.75")
- (D) EXIST. GROUND
- ITEMS TO BE REMOVED

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)

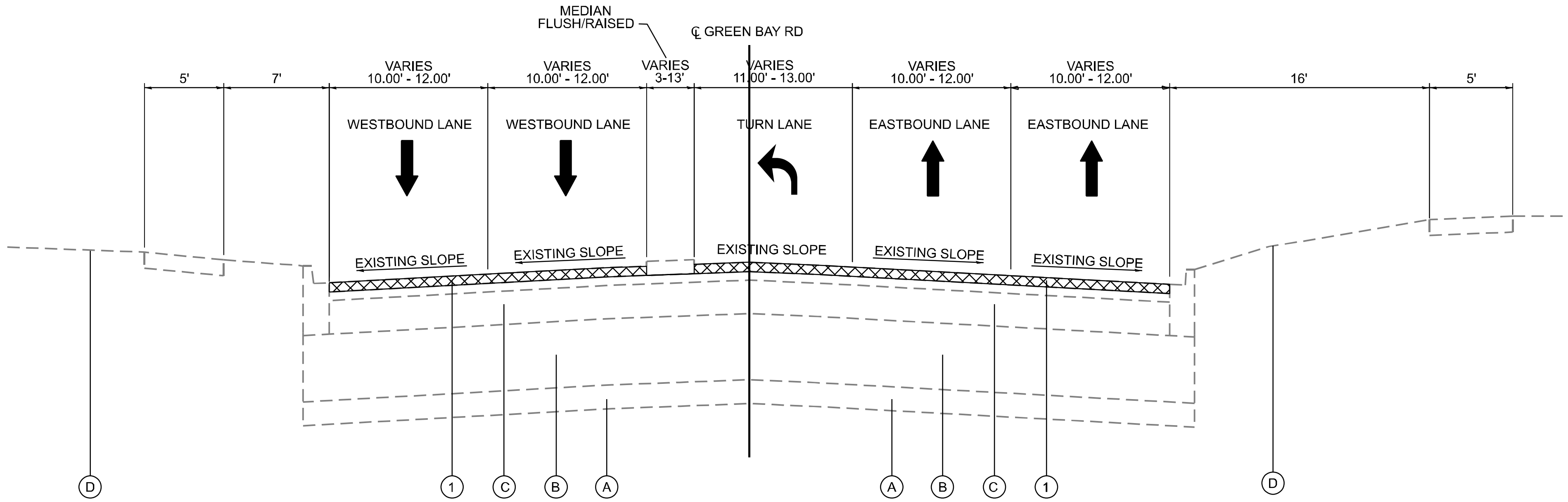
NOTES:
1. SIDEWALK REMOVAL IN AREAS FOR ADA IMPROVEMENTS ONLY.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BINDER AND POLYMERIZED HMA BINDER COURSE.

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



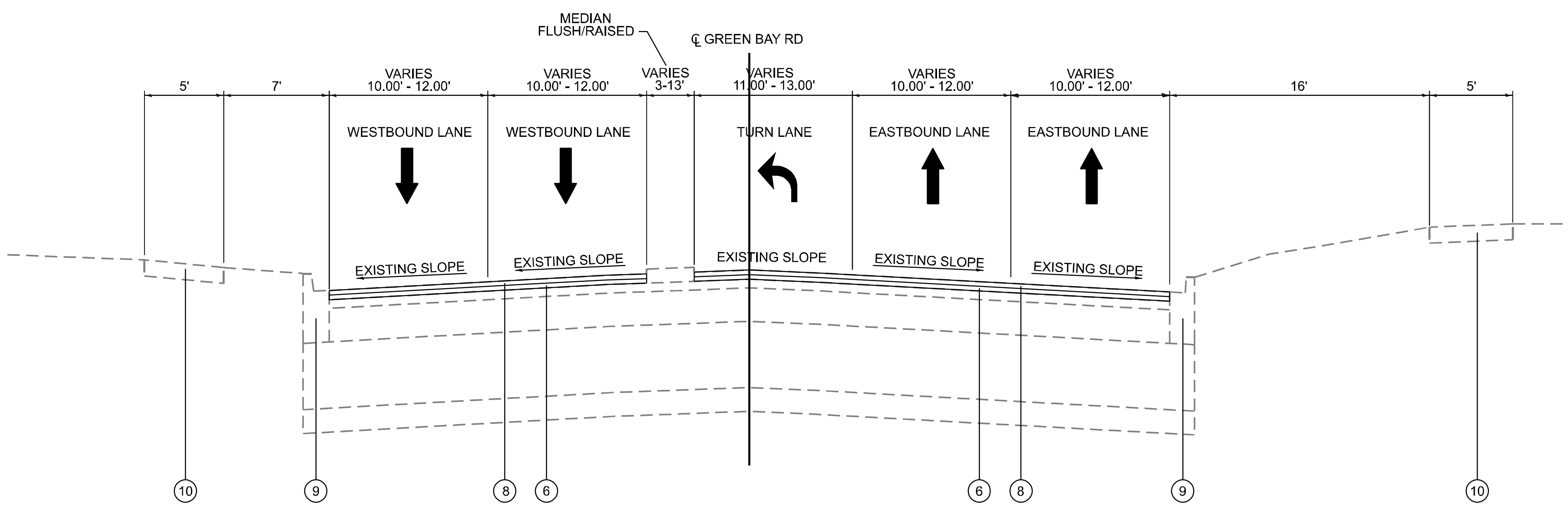
PROPOSED TYPICAL SECTION

GREEN BAY ROAD
(OAK ST TO ROGER AVE)
STA. 78+17.48 TO STA. 123+00.00
STA. 130+00.00 TO STA. 137+00.00
(DESIGNED OVERLAY)



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

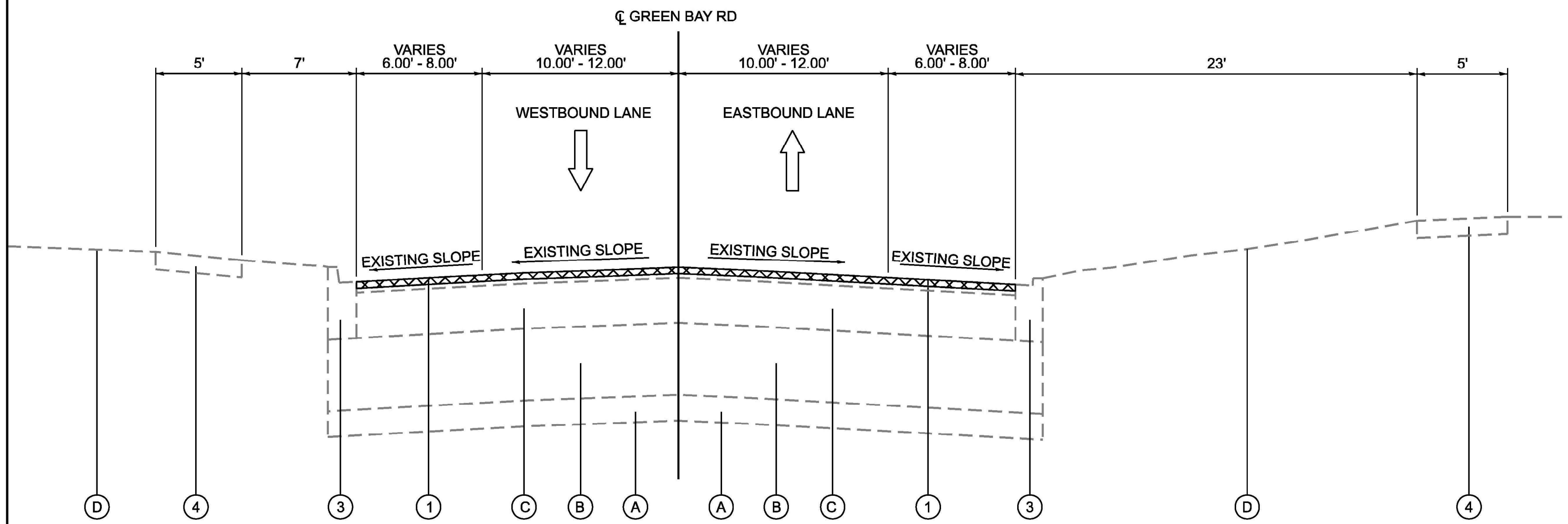
- (A) EXIST. GRANULAR SUB BASE
- (B) EXIST. PCC PAVEMENT (VARIES 8.00" TO 14.50")
- (C) EXIST. HOT-MIX ASPHALT SURFACE (VARIES 2.50" TO 6.75")
- (D) EXIST. GROUND
- ITEMS TO BE REMOVED

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)

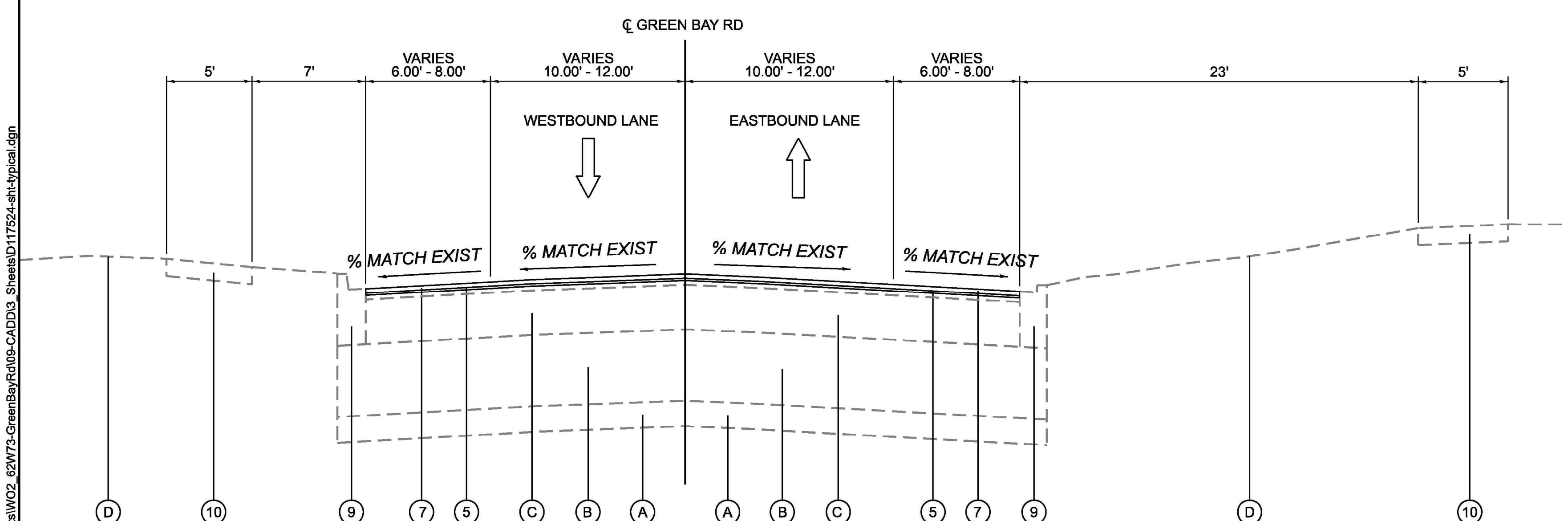
NOTES:
1. SIDEWALK REMOVAL IN AREAS FOR ADA IMPROVEMENTS ONLY.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BINDER AND POLYMERIZED HMA BINDER COURSE.

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



EXISTING TYPICAL SECTION

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



PROPOSED 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
- ITEMS TO BE REMOVED

PROPOSED LEGEND

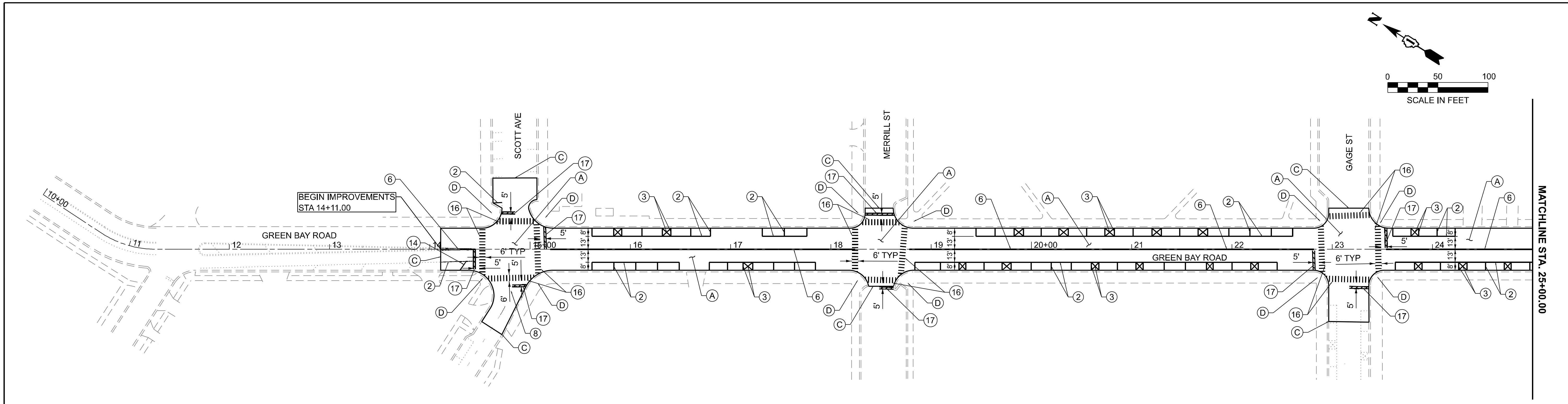
1. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
2. HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
3. COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)
4. PCC SIDEWALK REMOVAL (AS DETERMINED BY THE ENGINEER)
5. 3/4" - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (STANDARD 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:
1. SIDEWALK REMOVAL IN AREAS FOR ADA IMPROVEMENTS ONLY (AS DETERMINED BY THE ENGINEER).
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER JOINTS IN THE HMA BINDER.

SEQUENCE OF CONSTRUCTION:
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS D PATCH.
3. 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



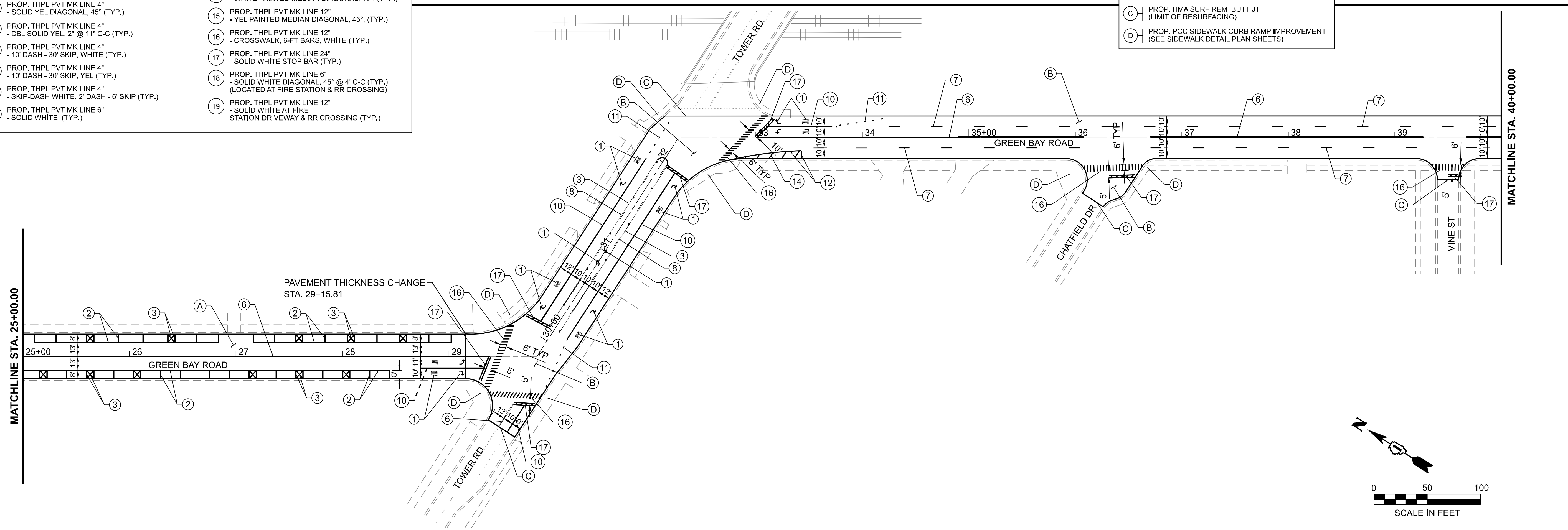
0 50 100
SCALE IN FEET

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)



0 50 100
SCALE IN FEET

MODEL: GREEN_BAY_RD_E - Sheet 1
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

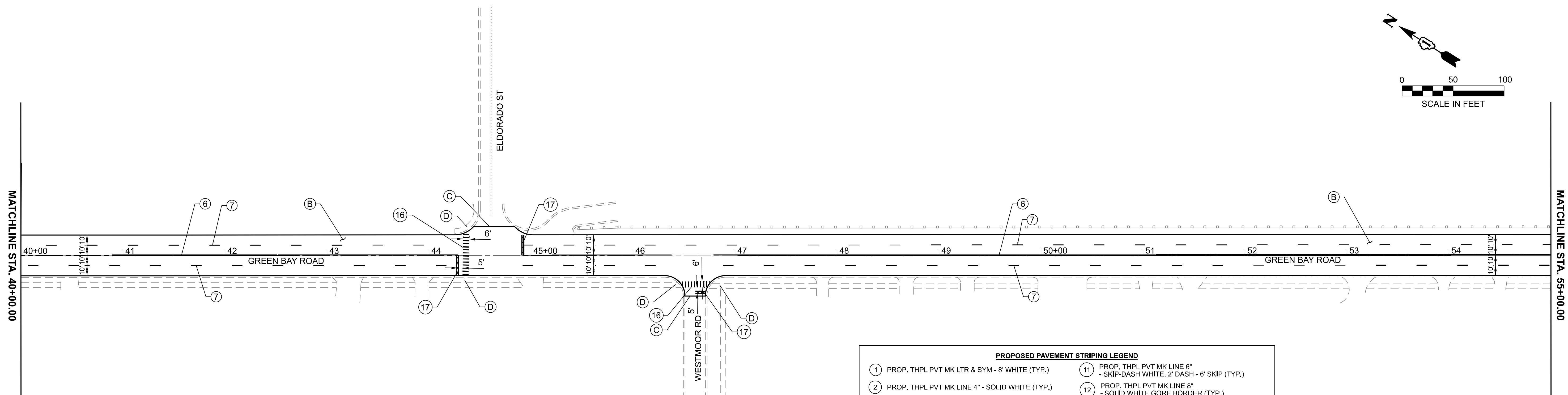
WBK ENGINEERING, 116 WEST MAIN STREET, SUITE 201, ST. CHARLES, IL 60174, (630) 443-7755	USER NAME = kcortopassi	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 1/16/2025	DATE - 9/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
PROPOSED ROADWAY PLAN

SCALE: 1"=50' | SHEET 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	

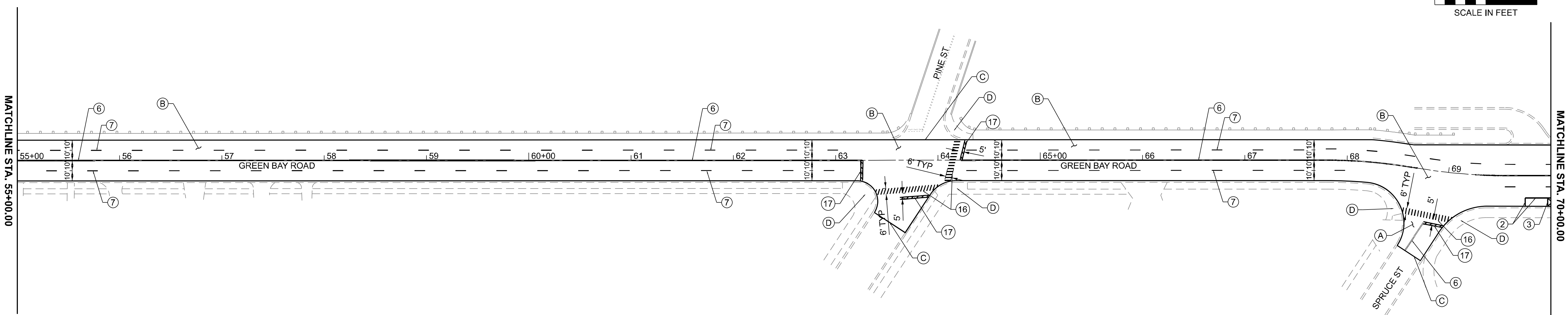


PROPOSED ROADWAY WORK

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.)



MODEL: GREEN_BAY_RD_E - Sheet 2
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WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

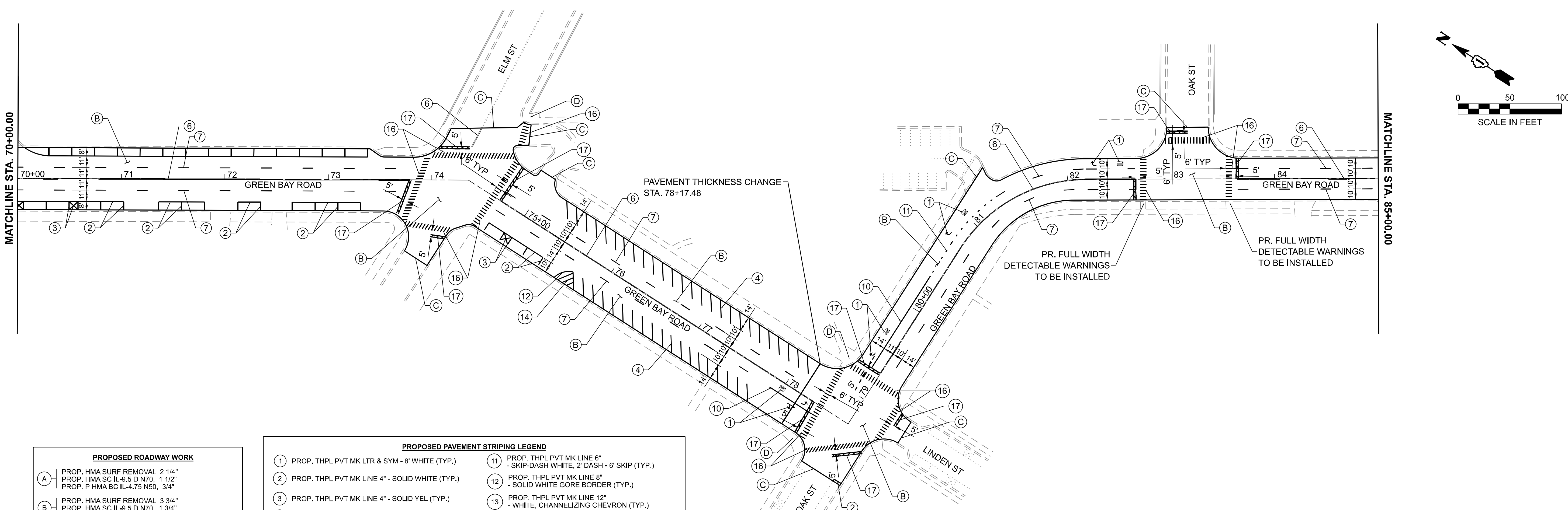
USER NAME = kcortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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	

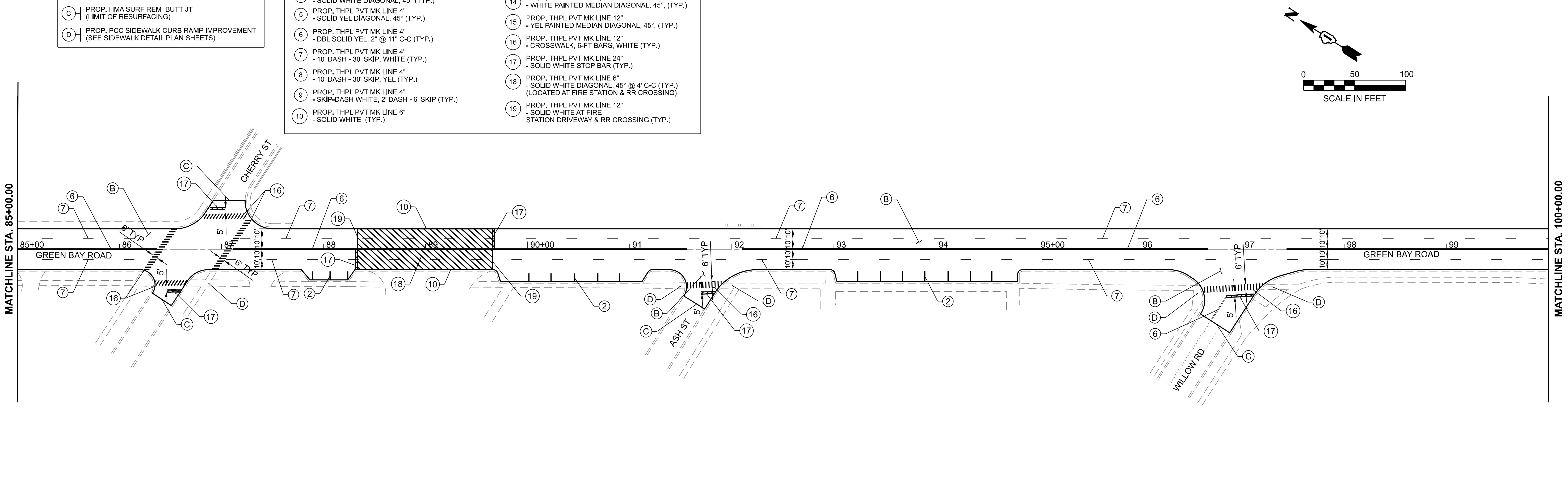


PROPOSED ROADWAY WORK

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

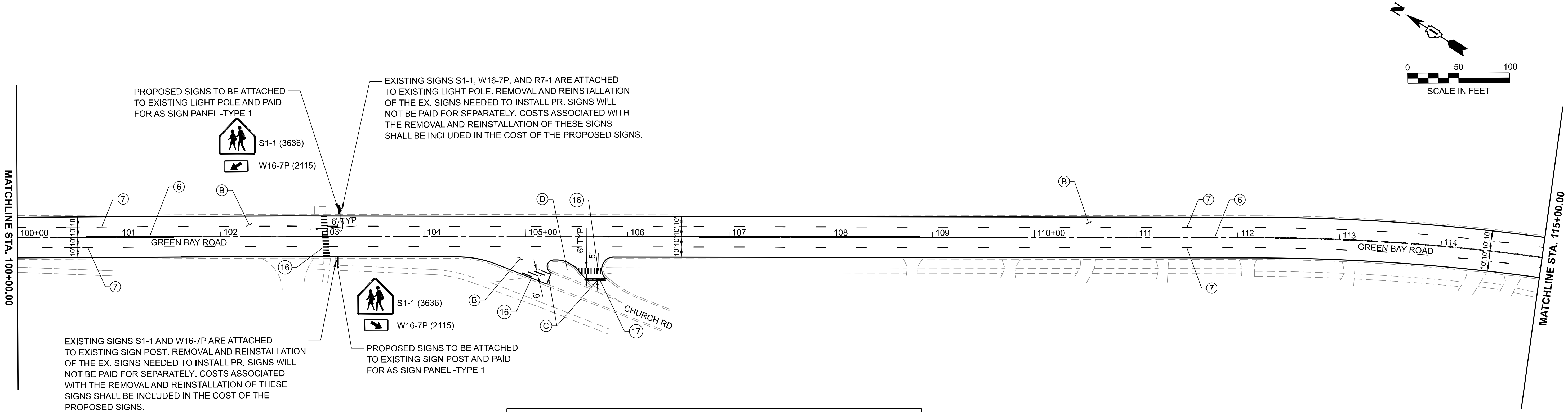
1	PROP. THPL PVT MK LTR & SYM - 8" WHITE (TYP.)
2	PROP. THPL PVT MK LINE 4" - SOLID WHITE (TYP.)
3	PROP. THPL PVT MK LINE 4" - SOLID YEL (TYP.)
4	PROP. THPL PVT MK LINE 4" - SOLID WHITE DIAGONAL, 45° (TYP.)
5	PROP. THPL PVT MK LINE 4" - SOLID YEL DIAGONAL, 45° (TYP.)
6	PROP. THPL PVT MK LINE 4" - DBL 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.)



MODEL: GREEN_BAY_RD_E - Sheet 3
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

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

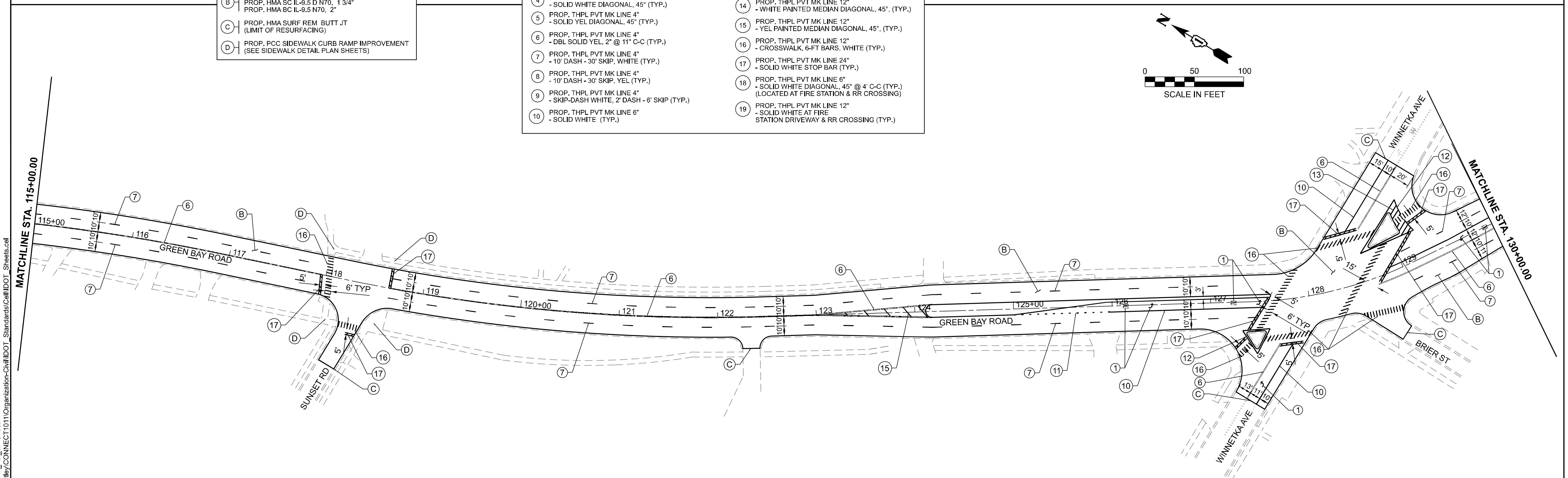


PROPOSED ROADWAY WORK

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.)



MODEL: GREEN_BAY_RD_E - Sheet 4
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

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

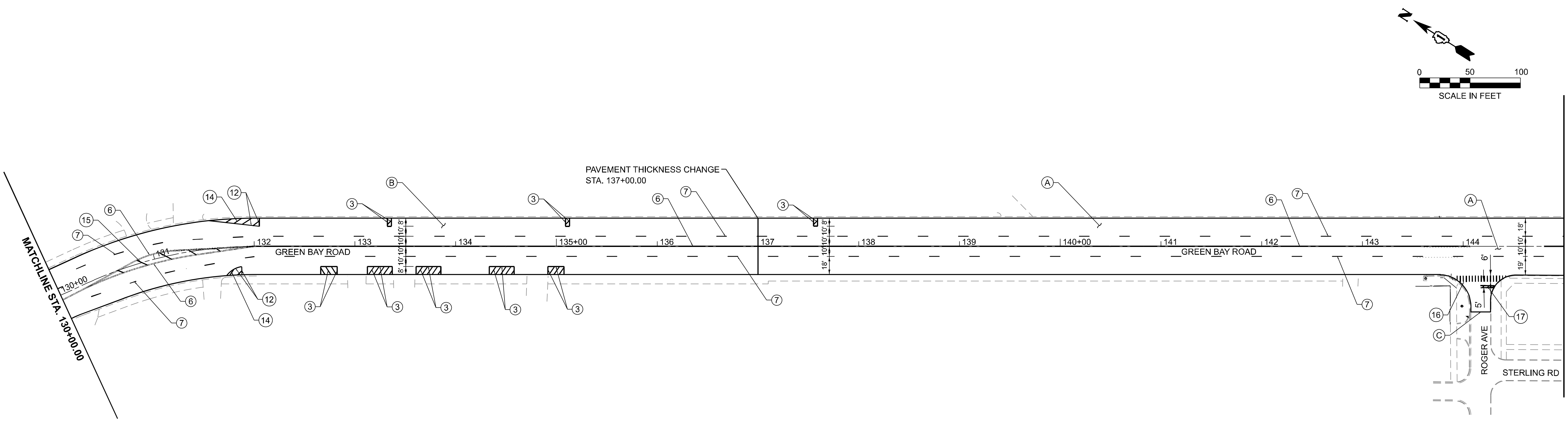
USER NAME = kcortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
PROPOSED ROADWAY PLAN

SCALE: 1"=50' | SHEET 4 OF 6 SHEETS | STA. 100+00.00 TO STA. 130+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	28
		CONTRACT NO. 62W73		
		ILLINOIS FED. AID PROJECT		

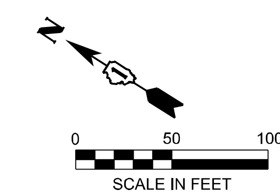


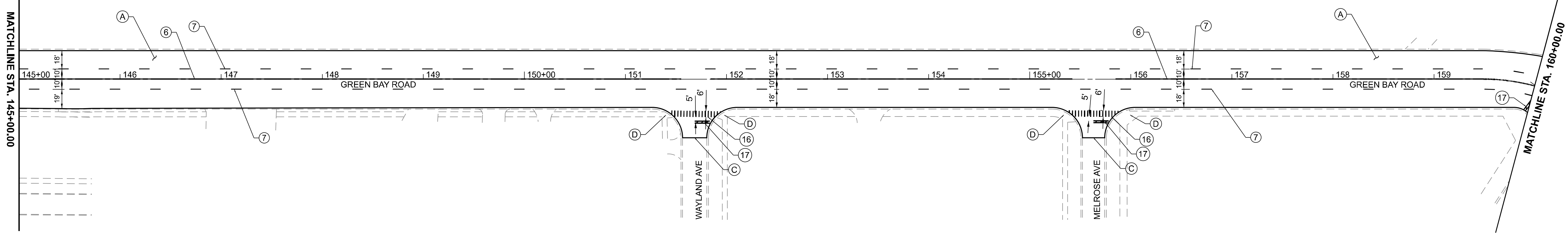
PROPOSED ROADWAY WORK

- (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.)





MODEL: GREEN_BAY_RD_E - Sheet 5
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

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

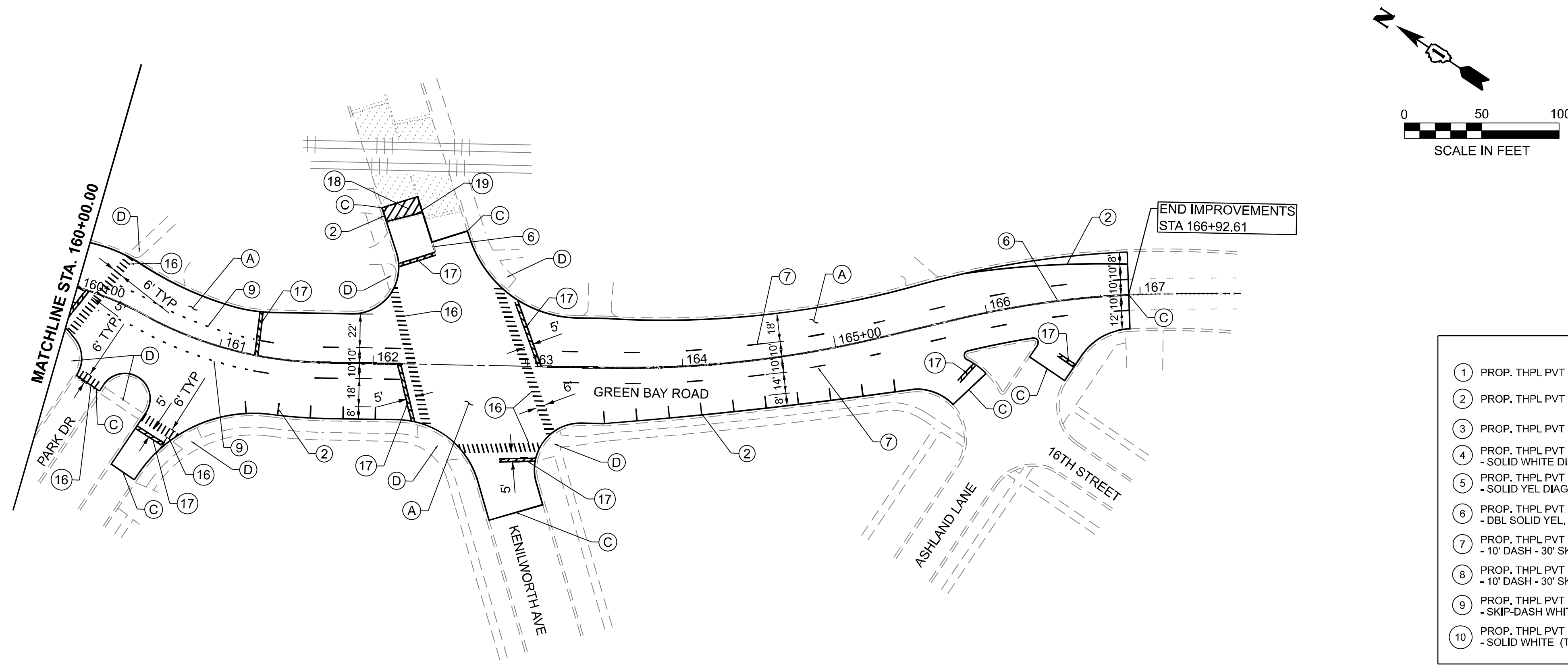
USER NAME = kcortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
PROPOSED ROADWAY PLAN

SCALE: 1"=50' | SHEET 5 OF 6 SHEETS | STA. 130+00.00 TO STA. 160+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	29
		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.)
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12. PROP. THPL PVT MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
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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.)

MODEL: GREEN_BAY_RD_E - Sheet 6
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

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

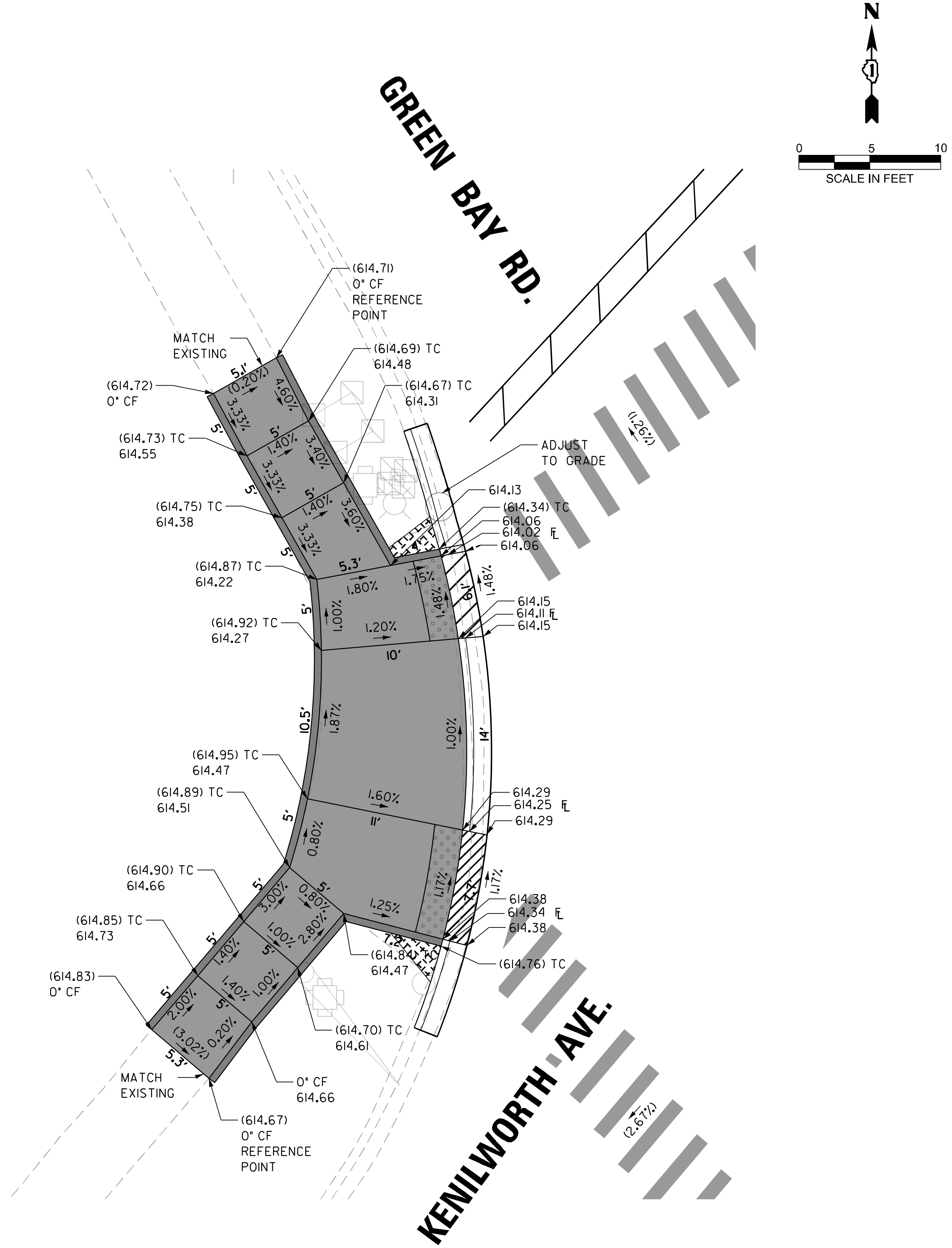
USER NAME = kcortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/16/2025	DATE - 9/6/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

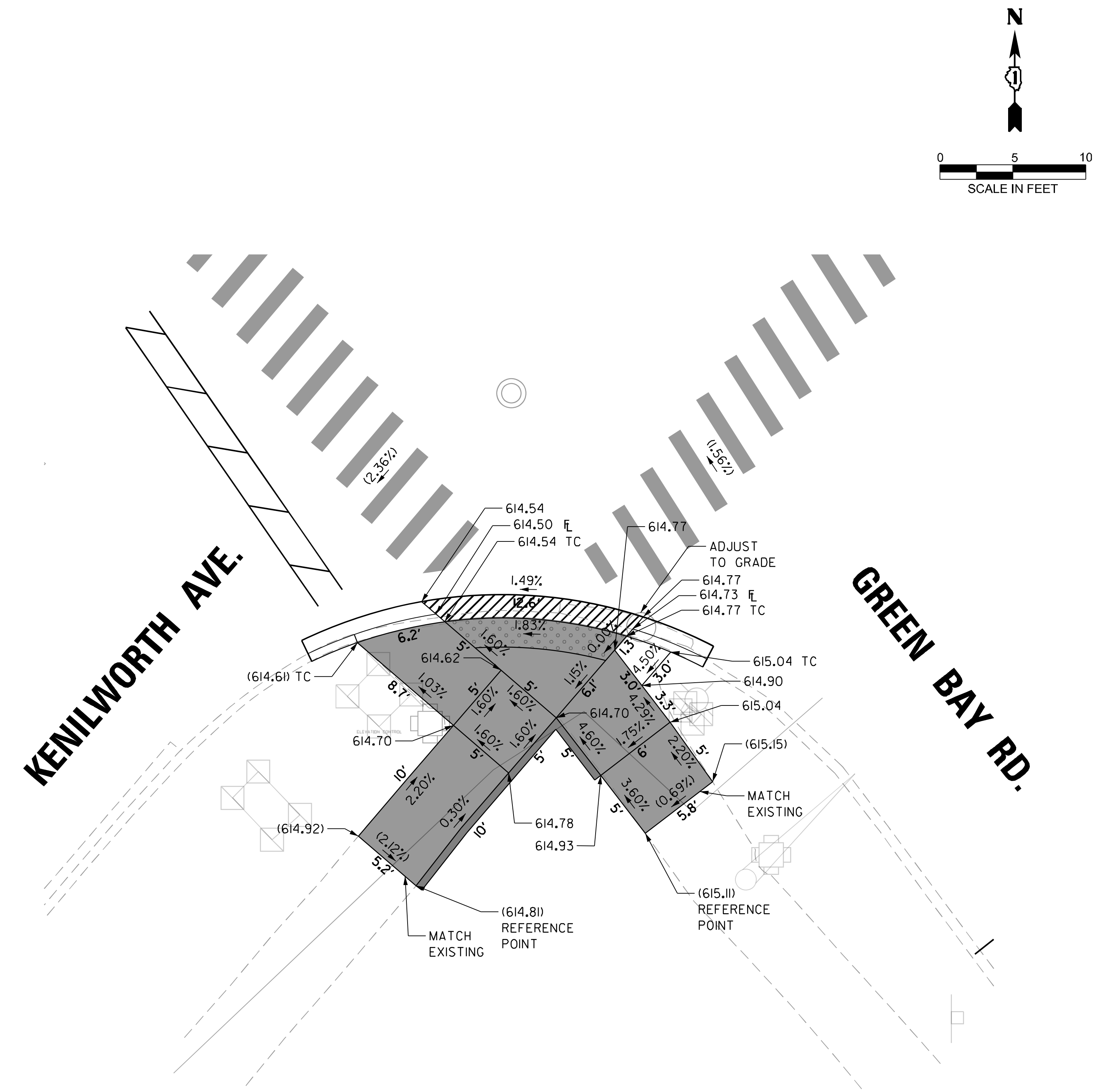
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
PROPOSED ROADWAY PLAN

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		



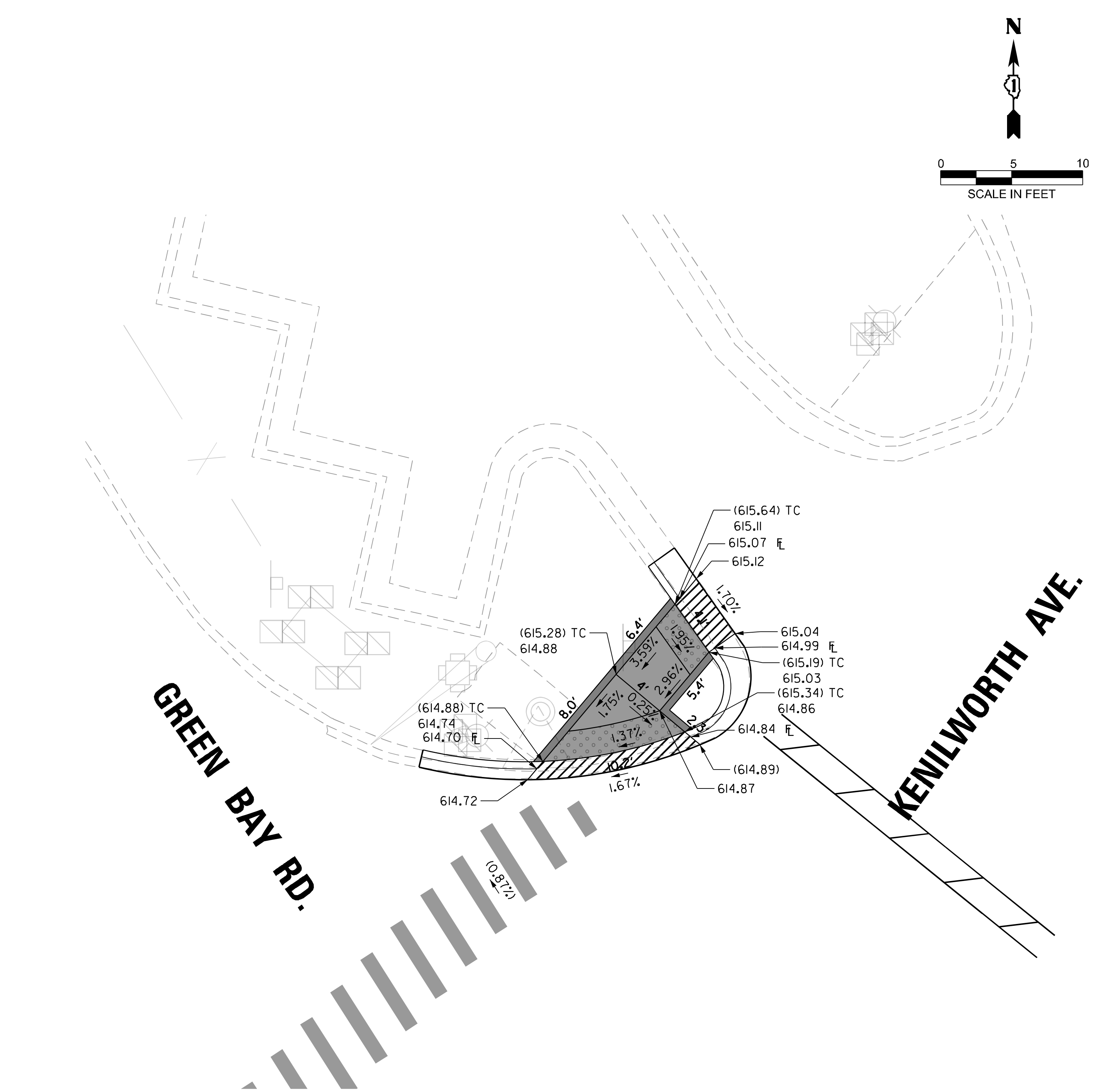
GREEN BAY RD AND KENILWORTH AVE - NW ADA PLAN



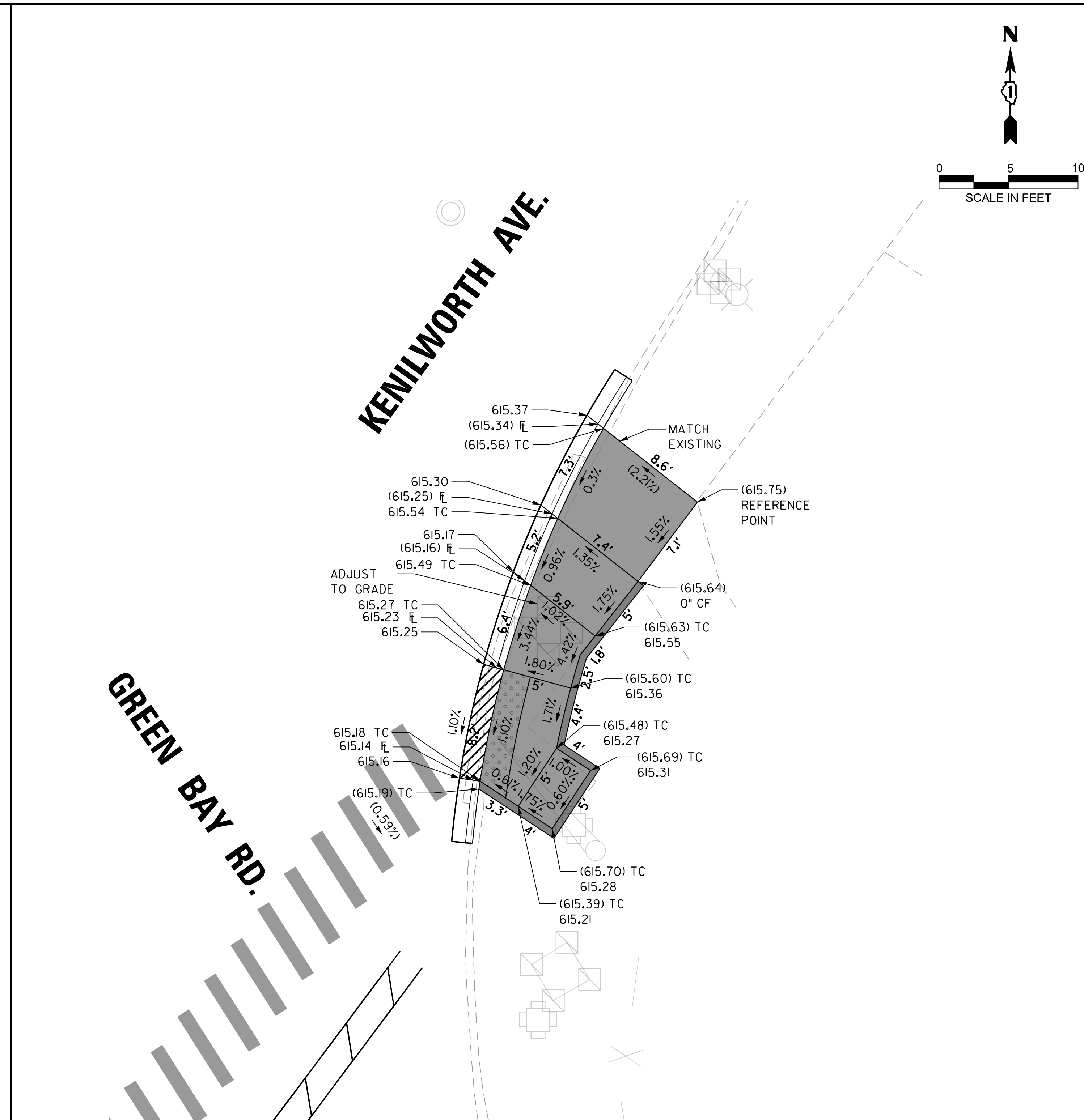
LEGEND

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

GREEN BAY RD AND KENILWORTH AVE - SW ADA PLAN



GREEN BAY RD AND KENILWORTH AVE - NE ADA PLAN



GREEN BAY RD AND KENILWORTH 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 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada2.dgn

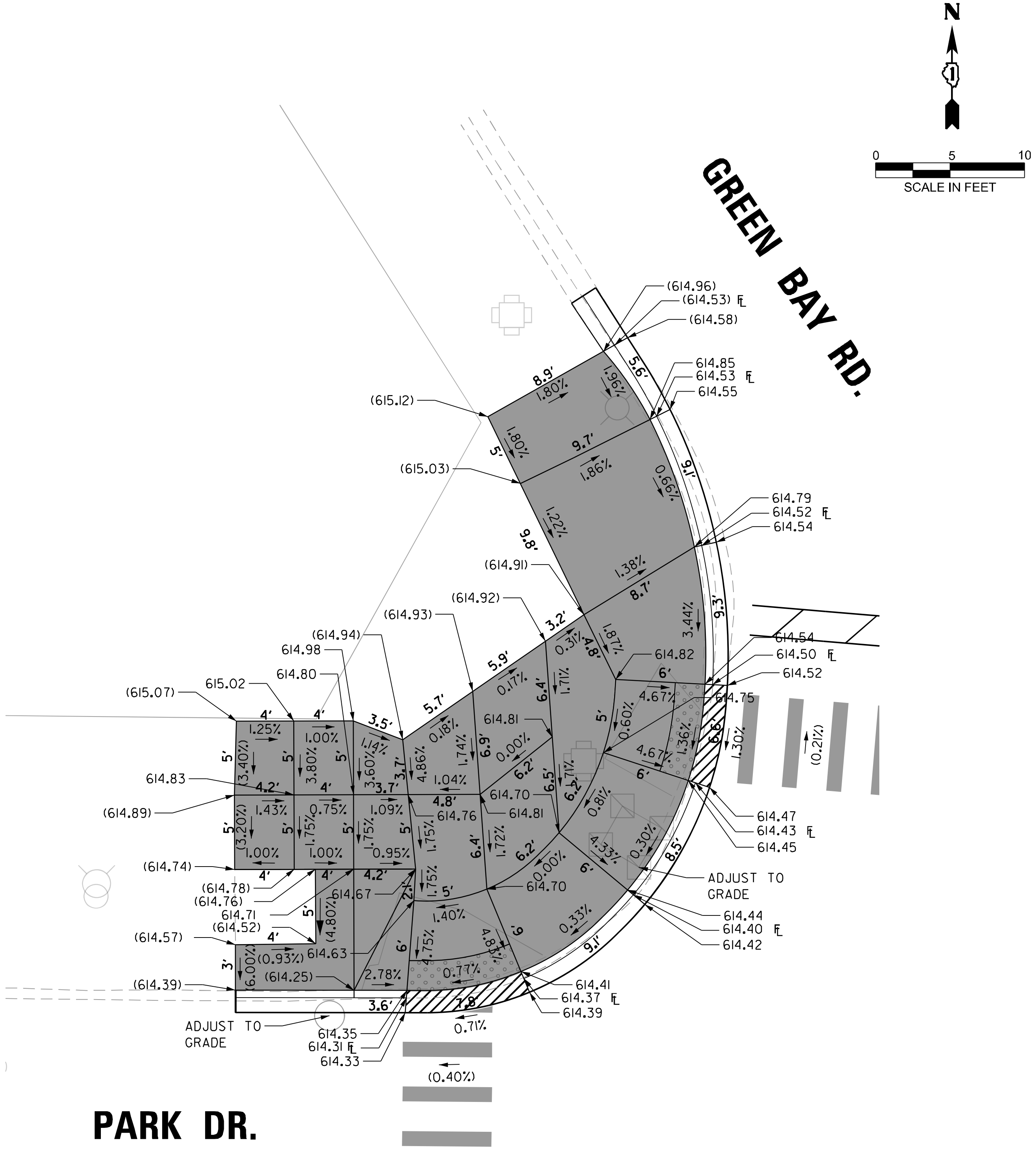
WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = kcortopassi	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 1/16/2025	DATE - 9/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

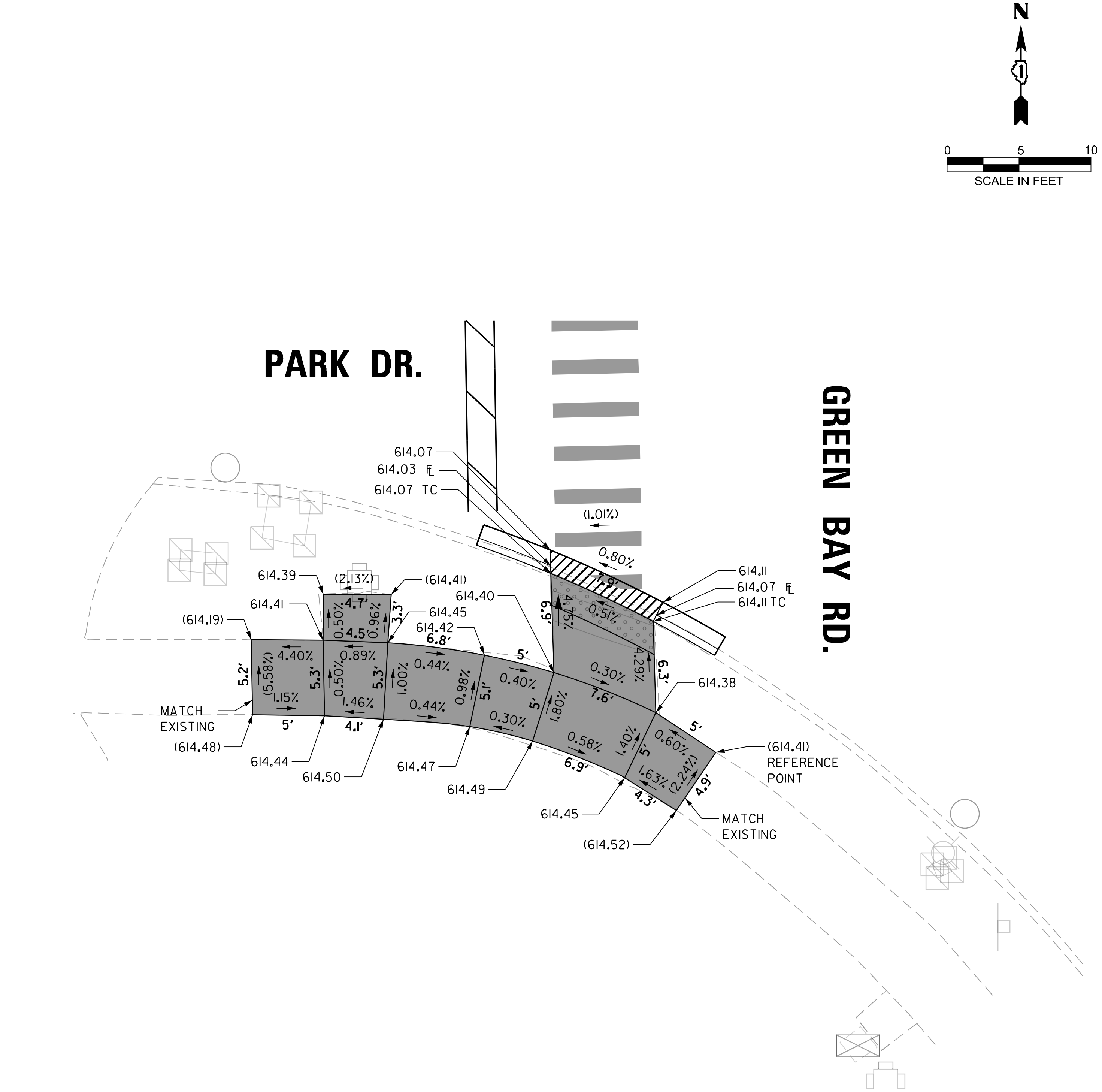
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

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



GREEN BAY RD AND PARK DR - NW ADA PLAN



GREEN BAY RD AND PARK DR - SW ADA PLAN

LEGEND

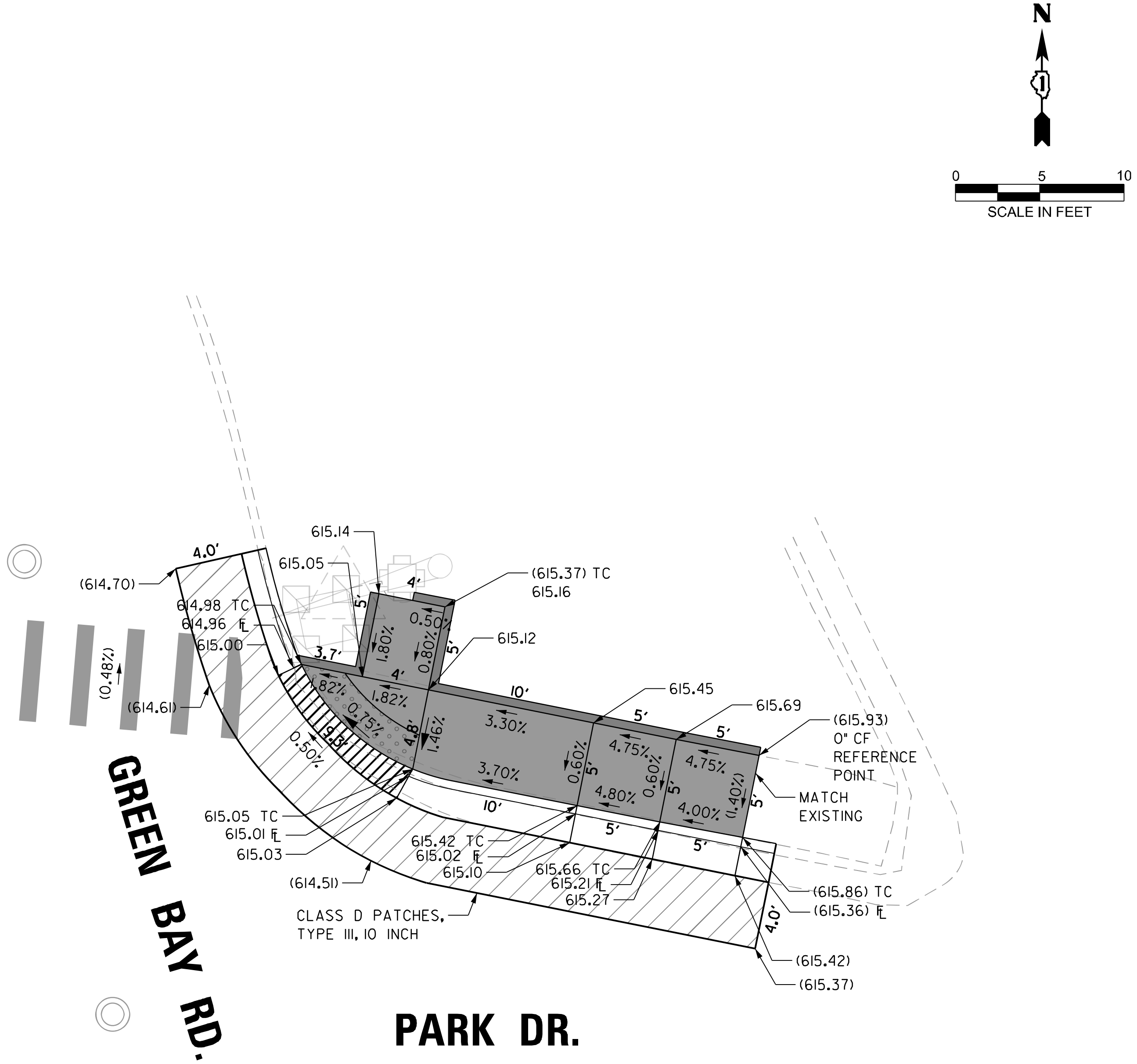
- ( ) EX. ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- PROPOSED SIDE CURB
- PAVEMENT PATCHING

MODEL: General Notes Sheet
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjectsWO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada3.dgn

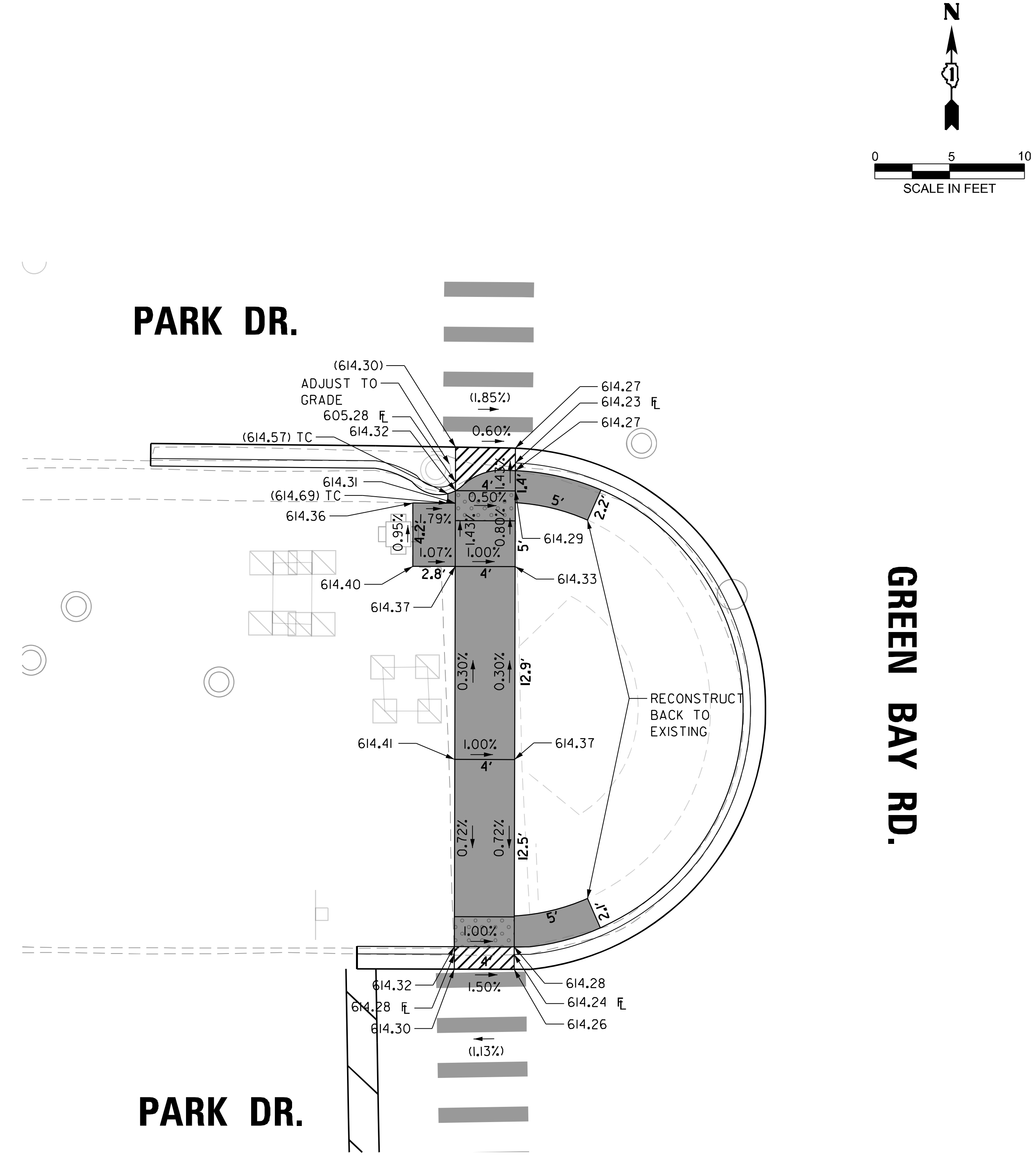
WBK ENGINEERING
116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755

USER NAME = rsikes	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS SIDEWALK DETAIL PLAN
	DRAWN -	REVISED -		
	CHECKED -	REVISED -		
PLOT DATE = 1/16/2025	DATE - 9/6/2024	REVISED -		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	33
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



GREEN BAY RD AND PARK DR - NE
ADA PLAN



GREEN BAY RD AND PARK DR -
MEDIAN 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 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada4.dgn

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

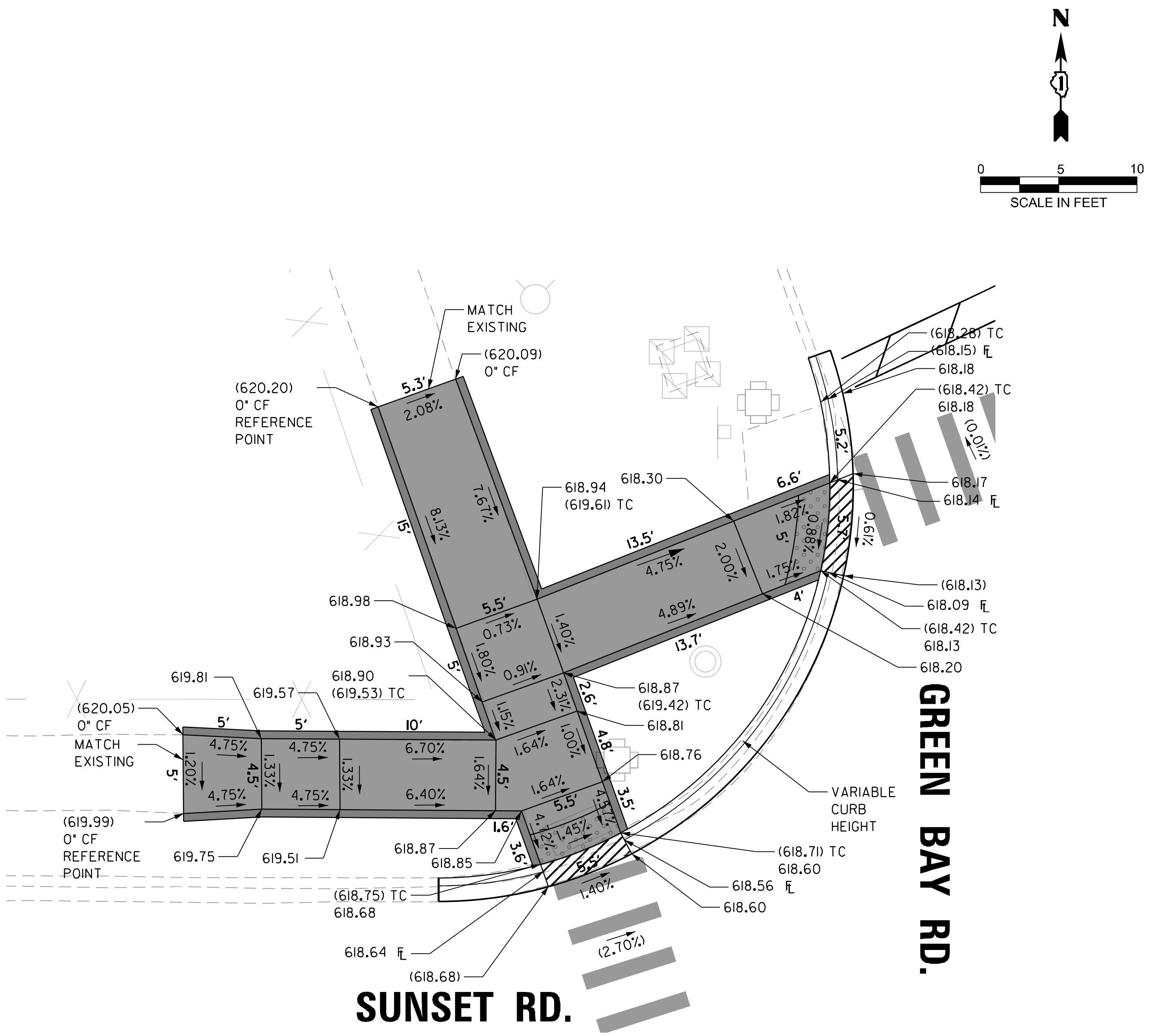
USER NAME = kcortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/16/2025	DATE - 9/6/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

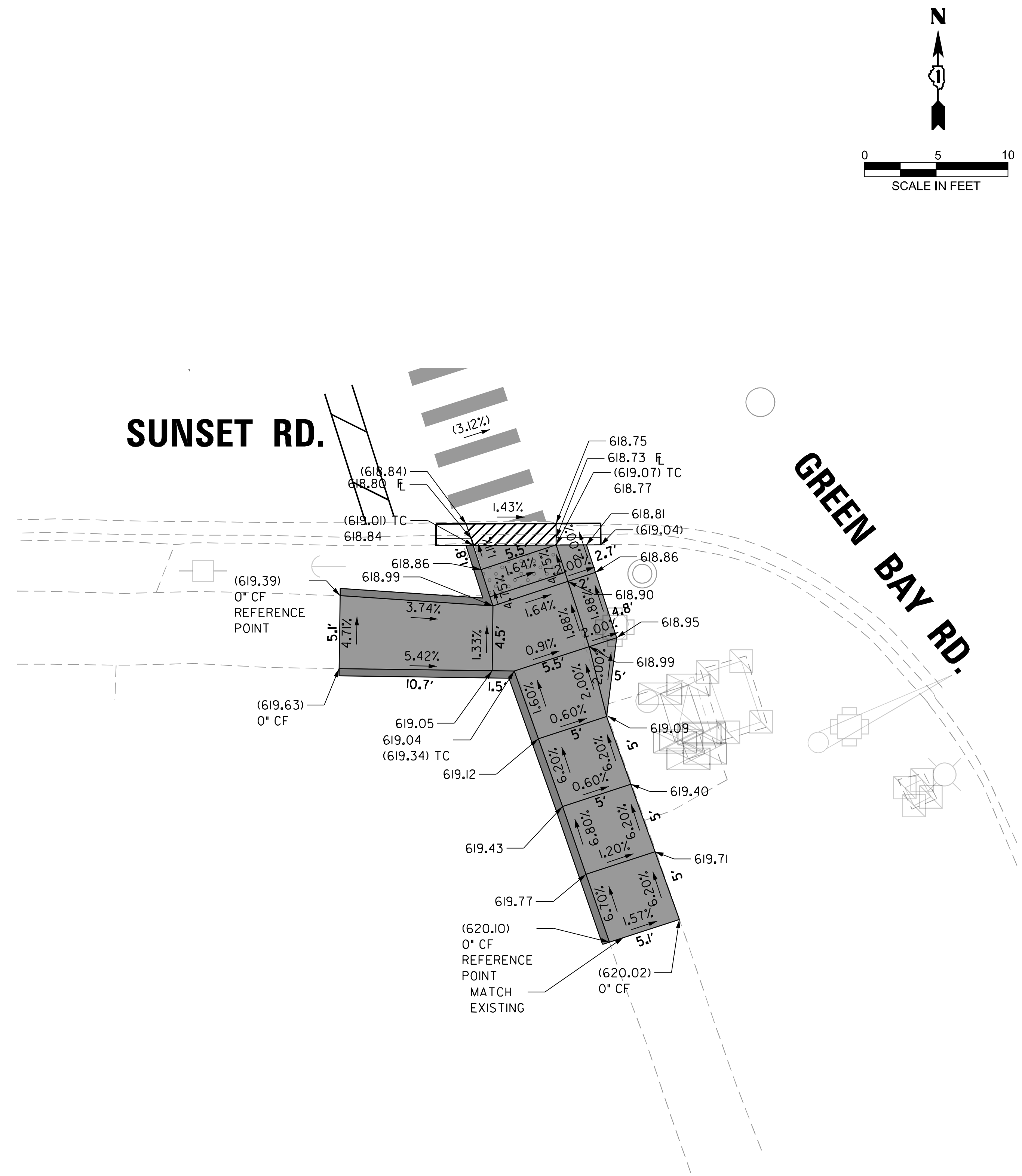
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	34
		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 WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB
	PAVEMENT PATCHING

MODEL: General Notes Sheet
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada5.dgn

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

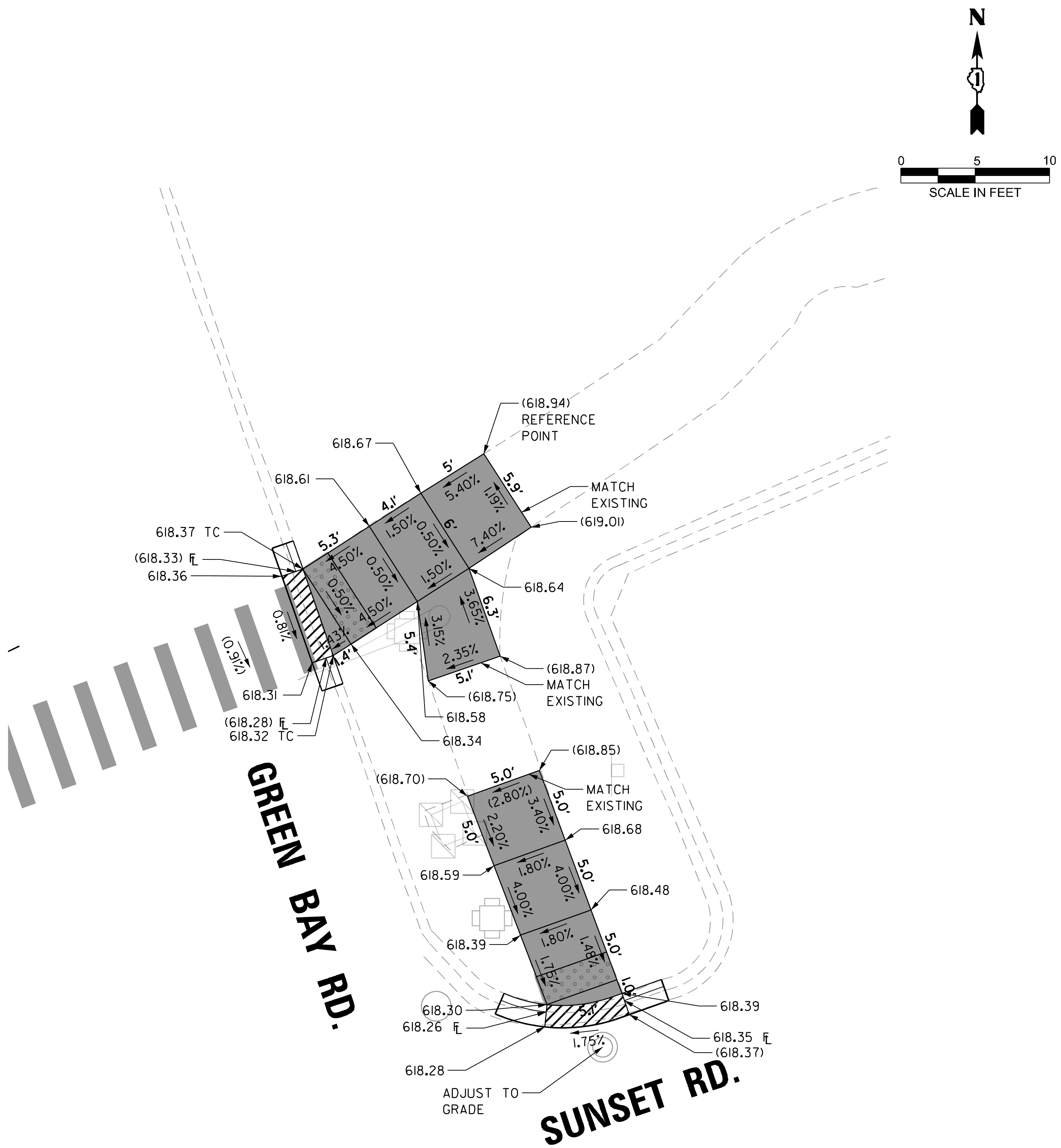
USER NAME = kcortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/16/2025	DATE - 9/6/2024	REVISED -	

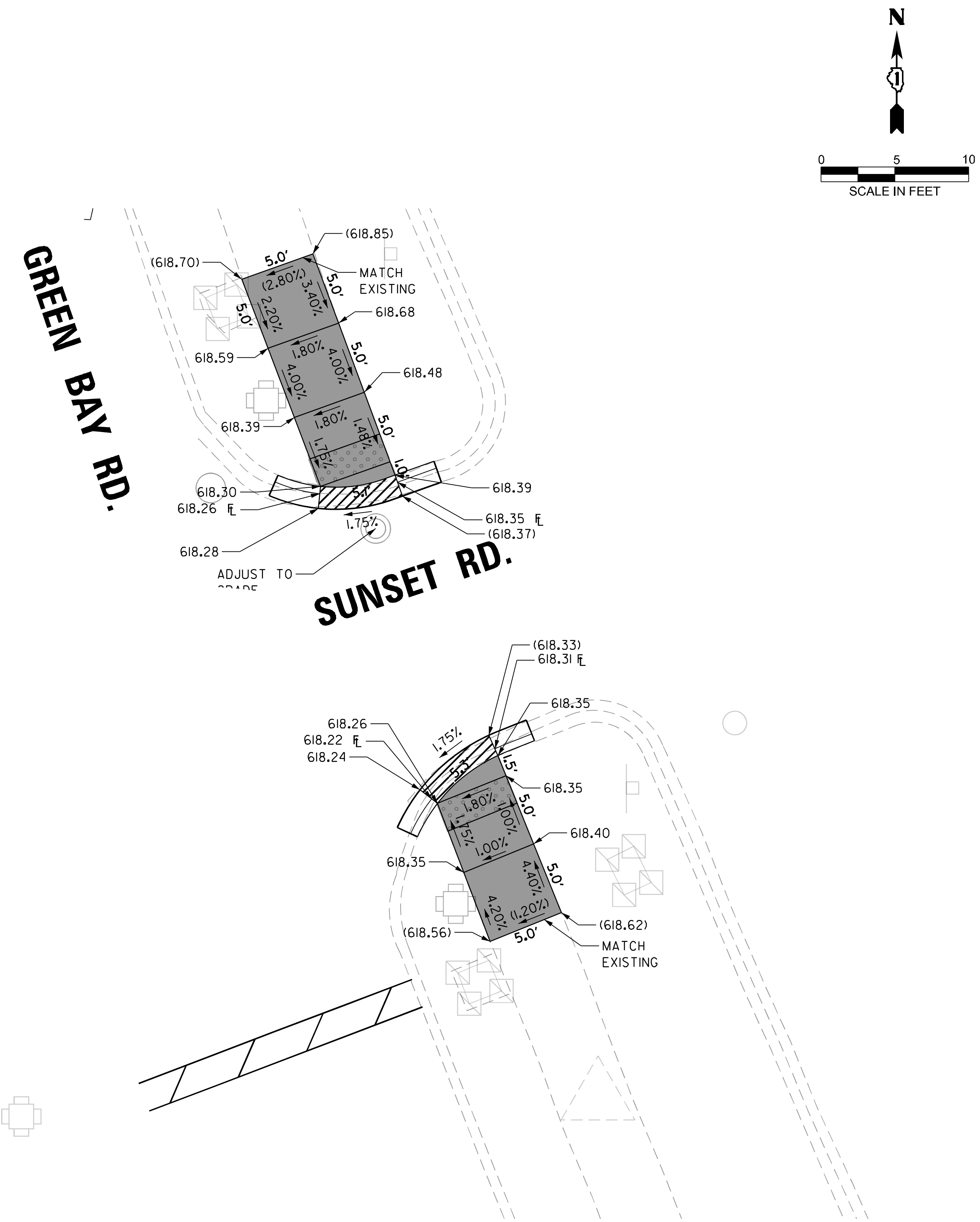
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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.
2744	2024-951-RS, SW	COOK	114	35
		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
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada6.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 = 1/16/2025	DATE - 9/6/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

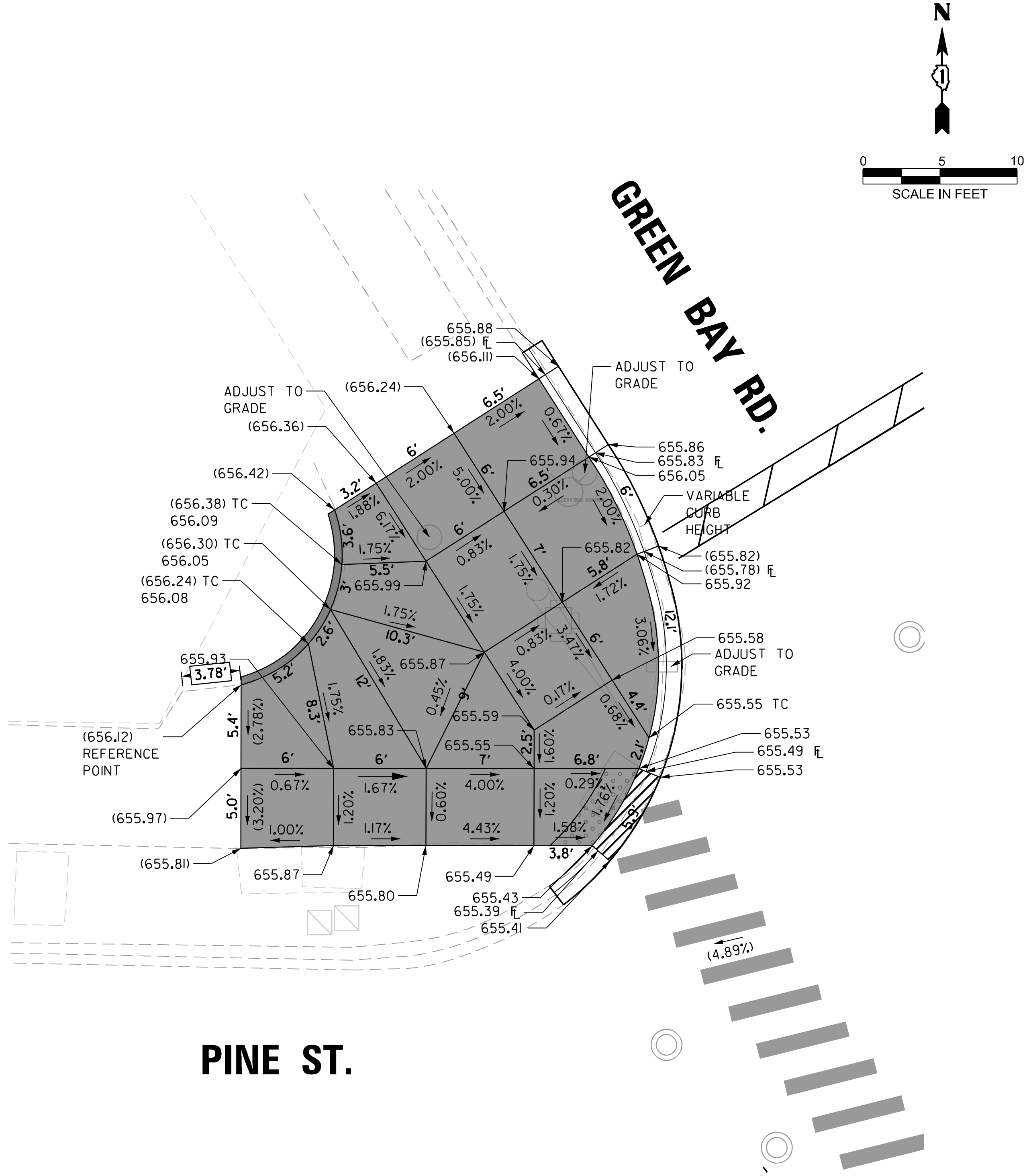
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

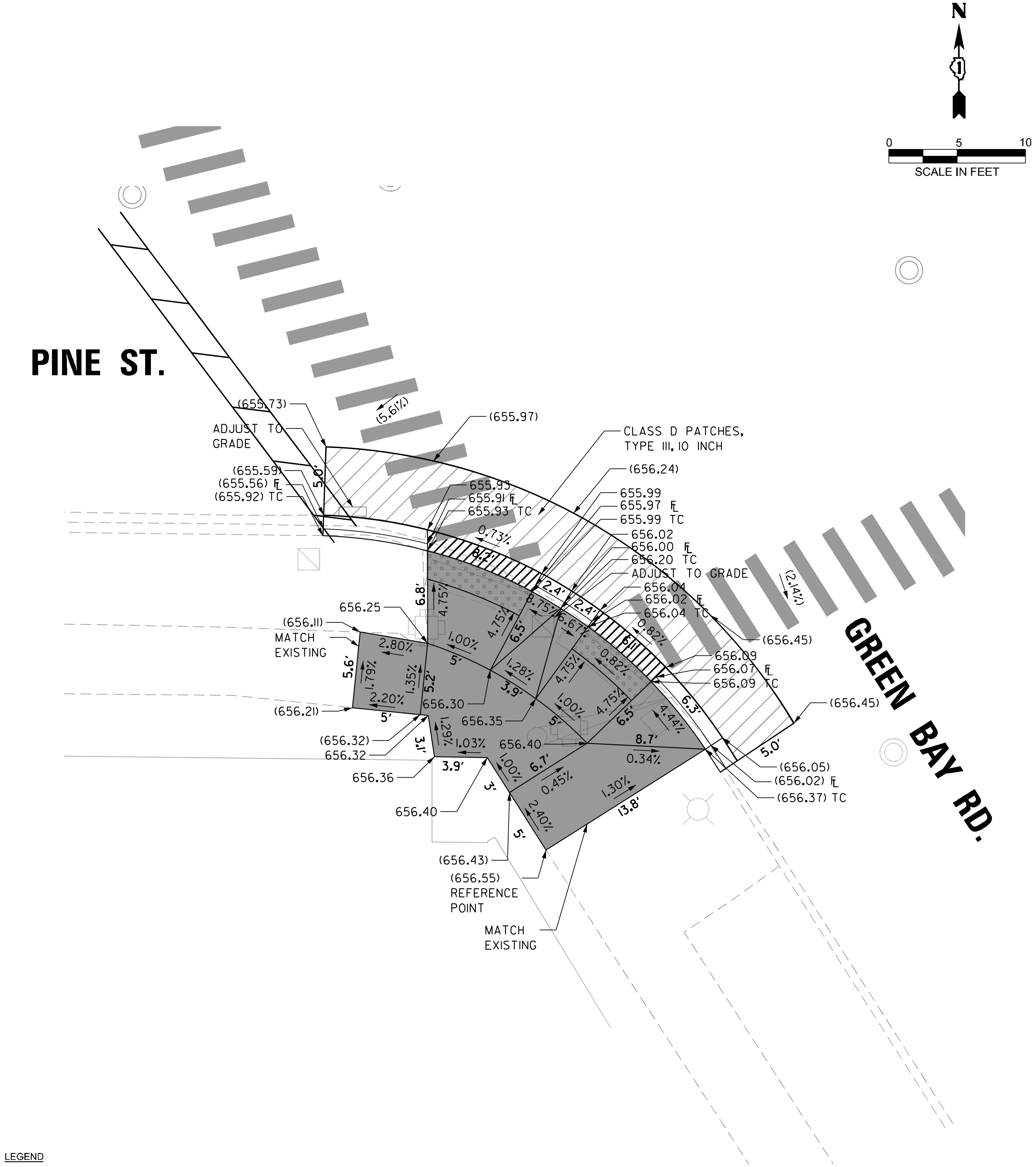
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	36

CONTRACT NO. 62W73

ILLINOIS | FED. AID PROJECT



GREEN BAY RD AND PINE ST - NW
ADA PLAN



GREEN BAY RD AND PINE ST - SW
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 PTB210-002_VarPhilProjectsWO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada7.dgn

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

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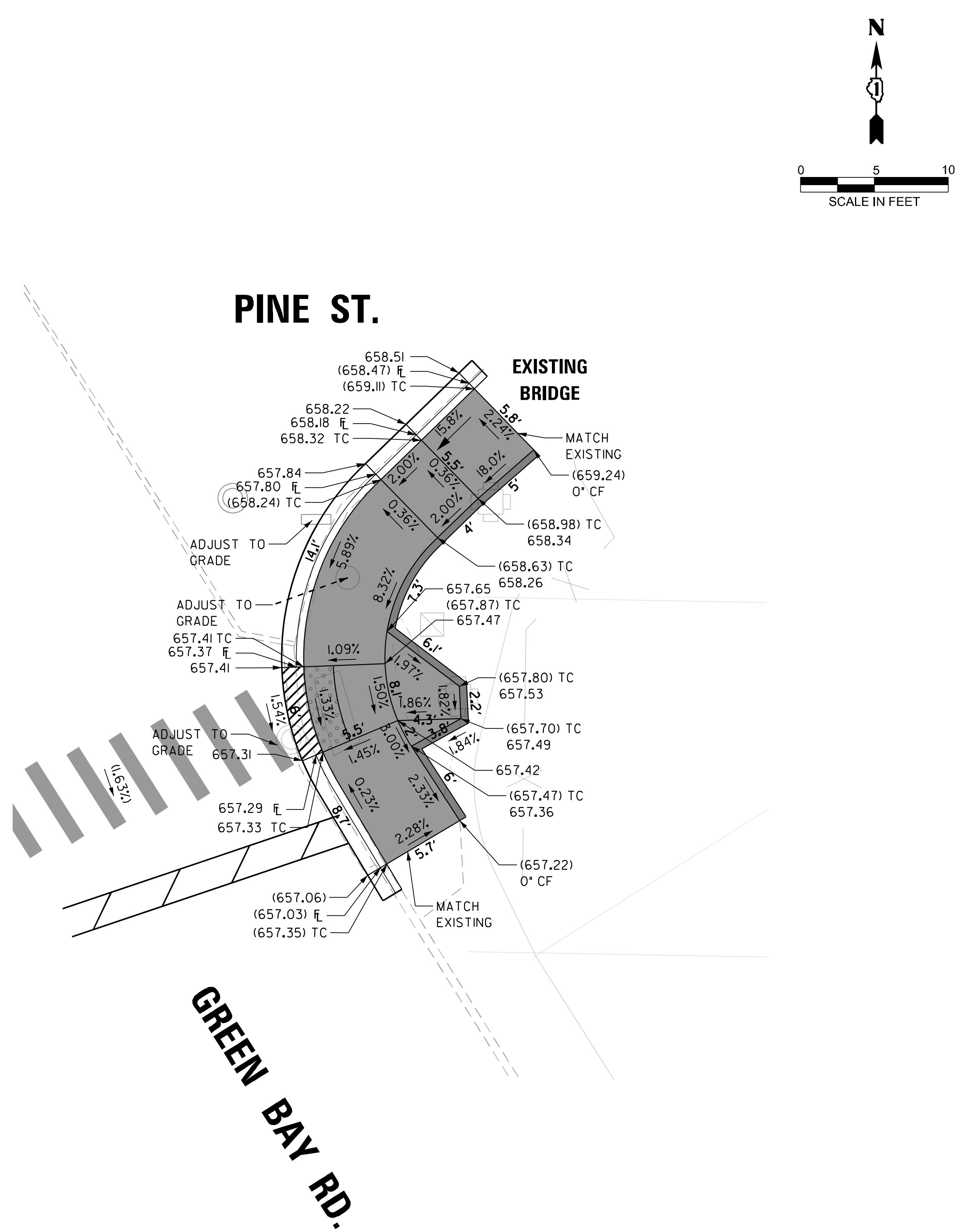
	CHECKED -	REVISED -	
PLOT DATE = 1/16/2025	DATE - 9/6/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

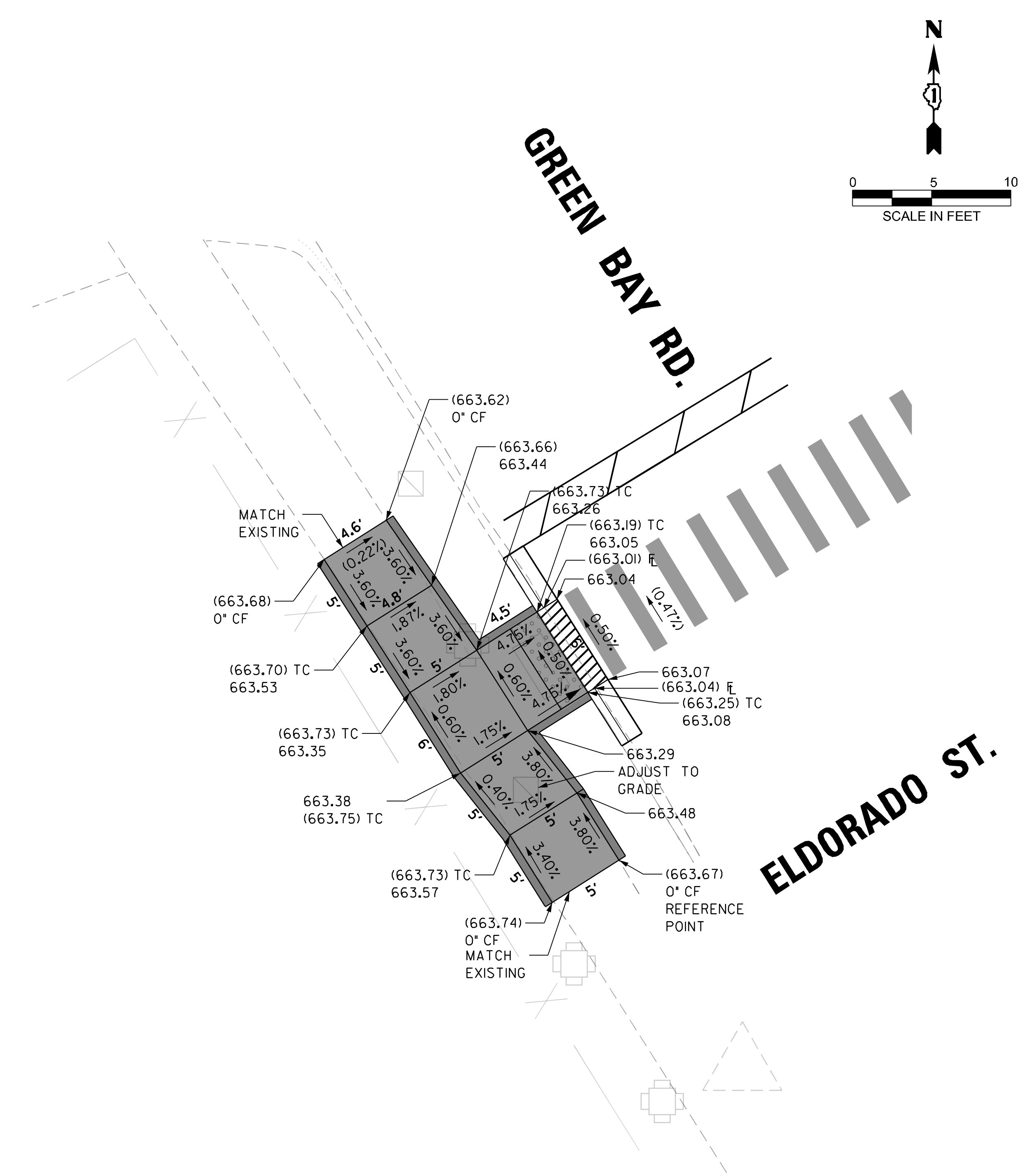
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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	37
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



GREEN BAY RD AND PINE ST - SE ADA PLAN



GREEN BAY RD AND ELDORADO ST - NW 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 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada8.dgn

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ST. CHARLES, IL 60174
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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/16/2025	DATE - 9/6/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

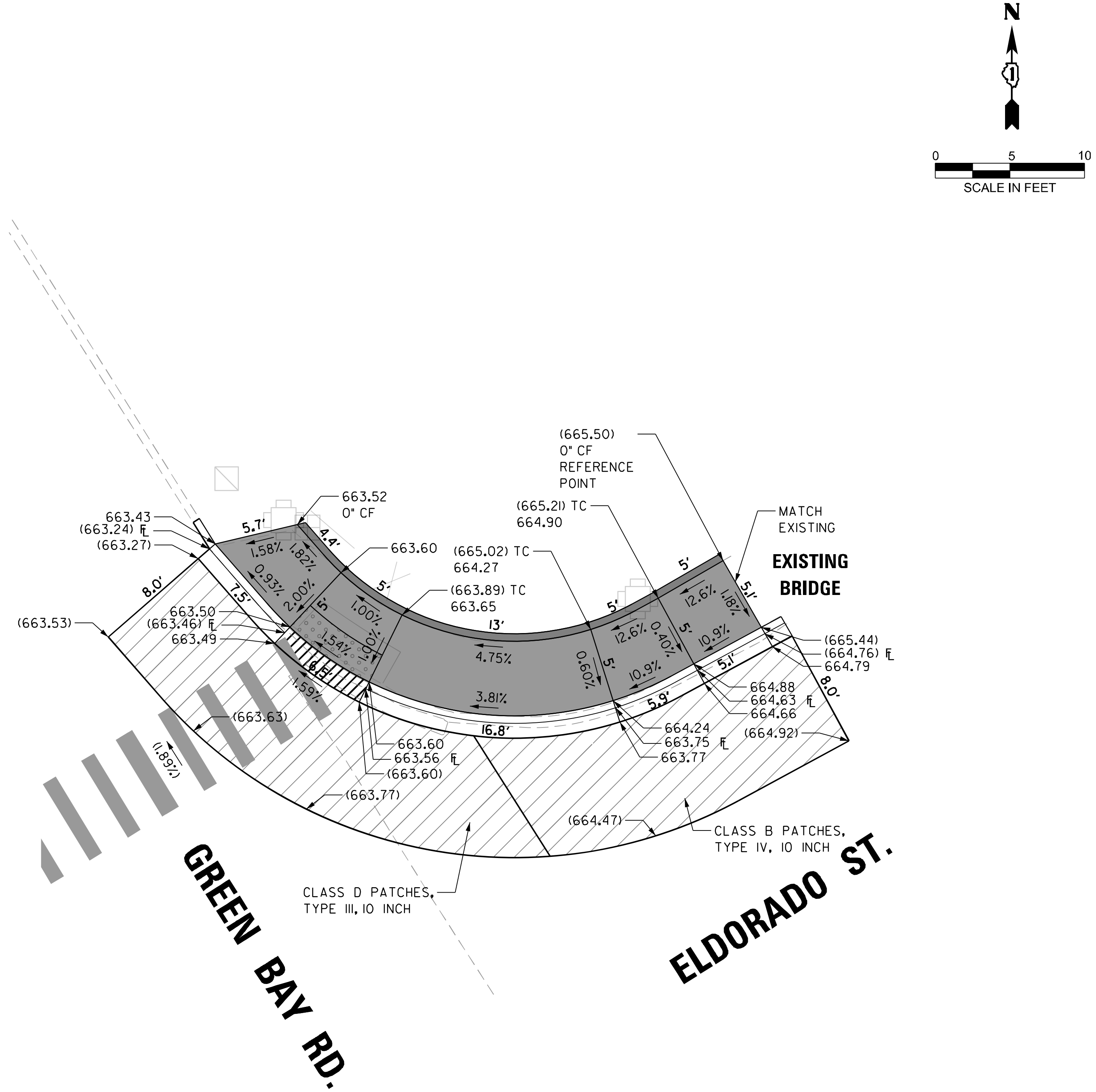
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

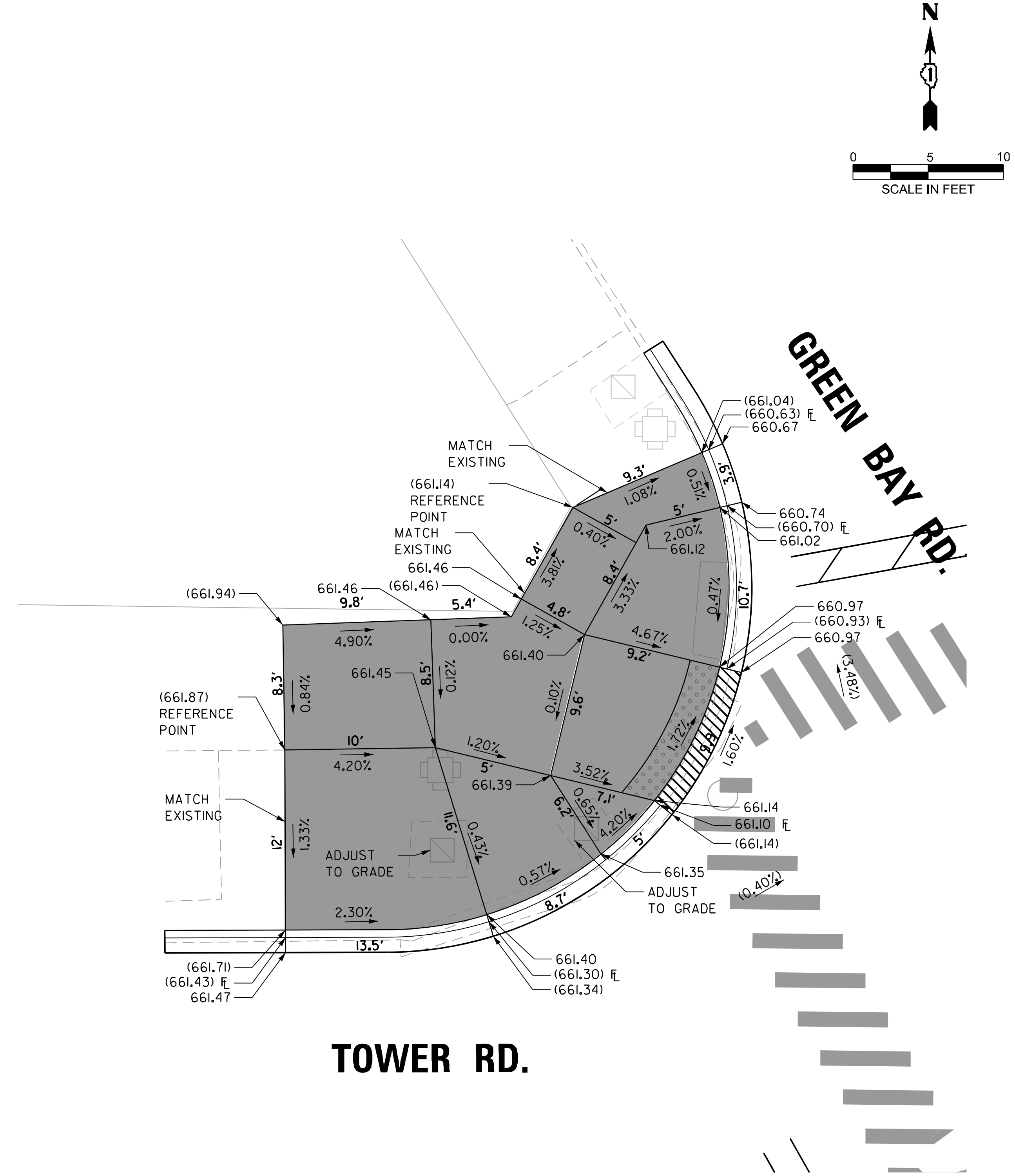
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	38

CONTRACT NO. 62W73

ILLINOIS | FED. AID PROJECT



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

MODEL: General Notes Sheet
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada9.dgn

WBK ENGINEERING
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	CHECKED -	REVISED -	
PLOT DATE = 1/16/2025	DATE - 9/6/2024	REVISED -	

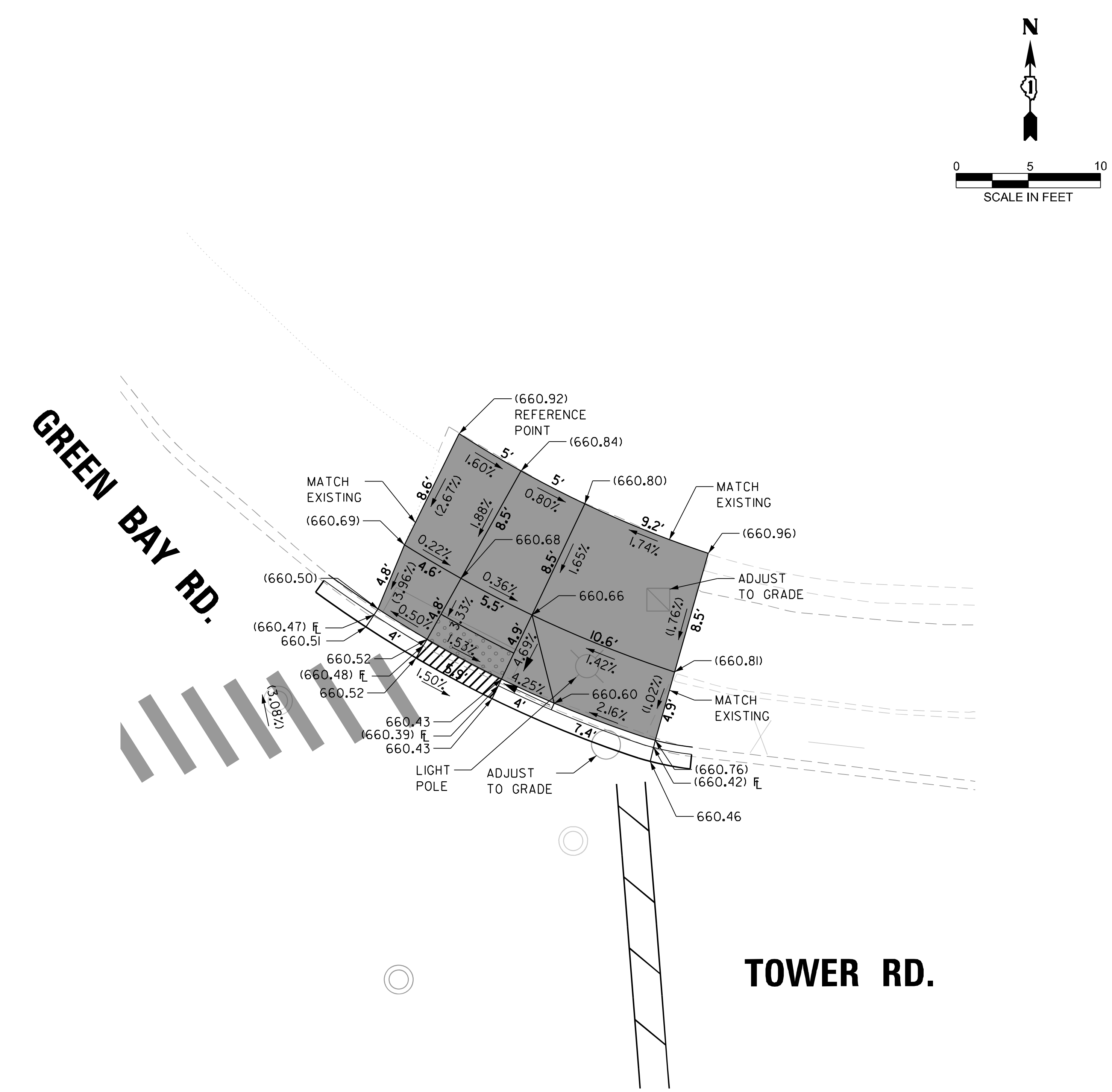
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

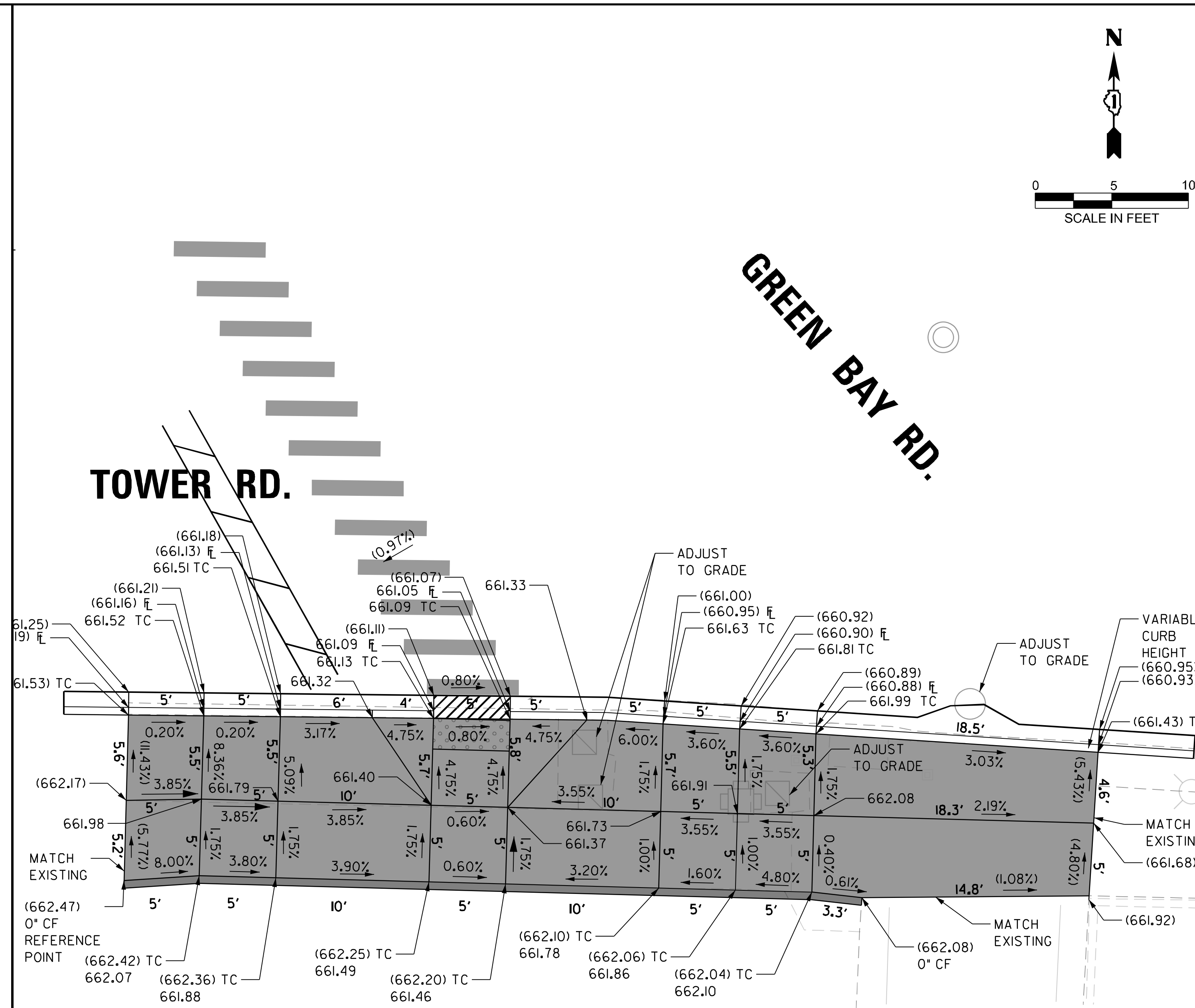
SCALE: 1"=5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	39

CONTRACT NO. 62W73
ILLINOIS | FED. AID PROJECT



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



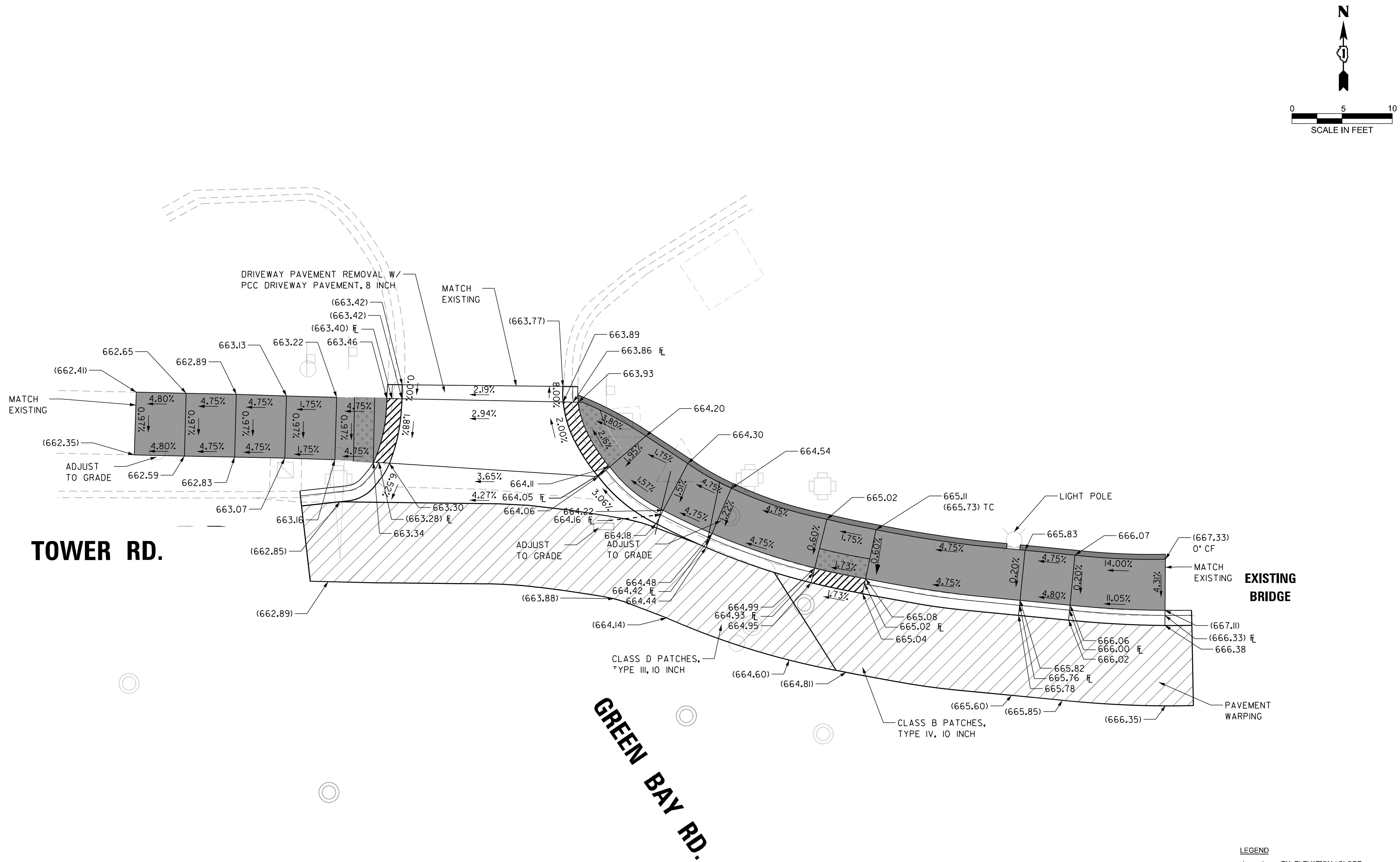
GREEN BAY RD AND TOWER RD (WEST) - SW ADA PLAN

LEGEND

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

MODEL: General Notes Sheet
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjectsWO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada10.dgn

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = kcortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS SIDEWALK DETAIL PLAN	F.A.U. RTE. 2744	SECTION 2024-951-RS, SW	COUNTY COOK	TOTAL SHEETS 114	SHEET NO. 40
		DRAWN -	REVISED -			CONTRACT NO. 62W73				
		CHECKED -	REVISED -							
	PLOT DATE = 1/16/2025	DATE 9/6/2024	REVISED -		SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.	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
FILE NAME: Z:\2023\232331 PTB210-002_VarPhil\Projects\W02_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada11.dgn

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

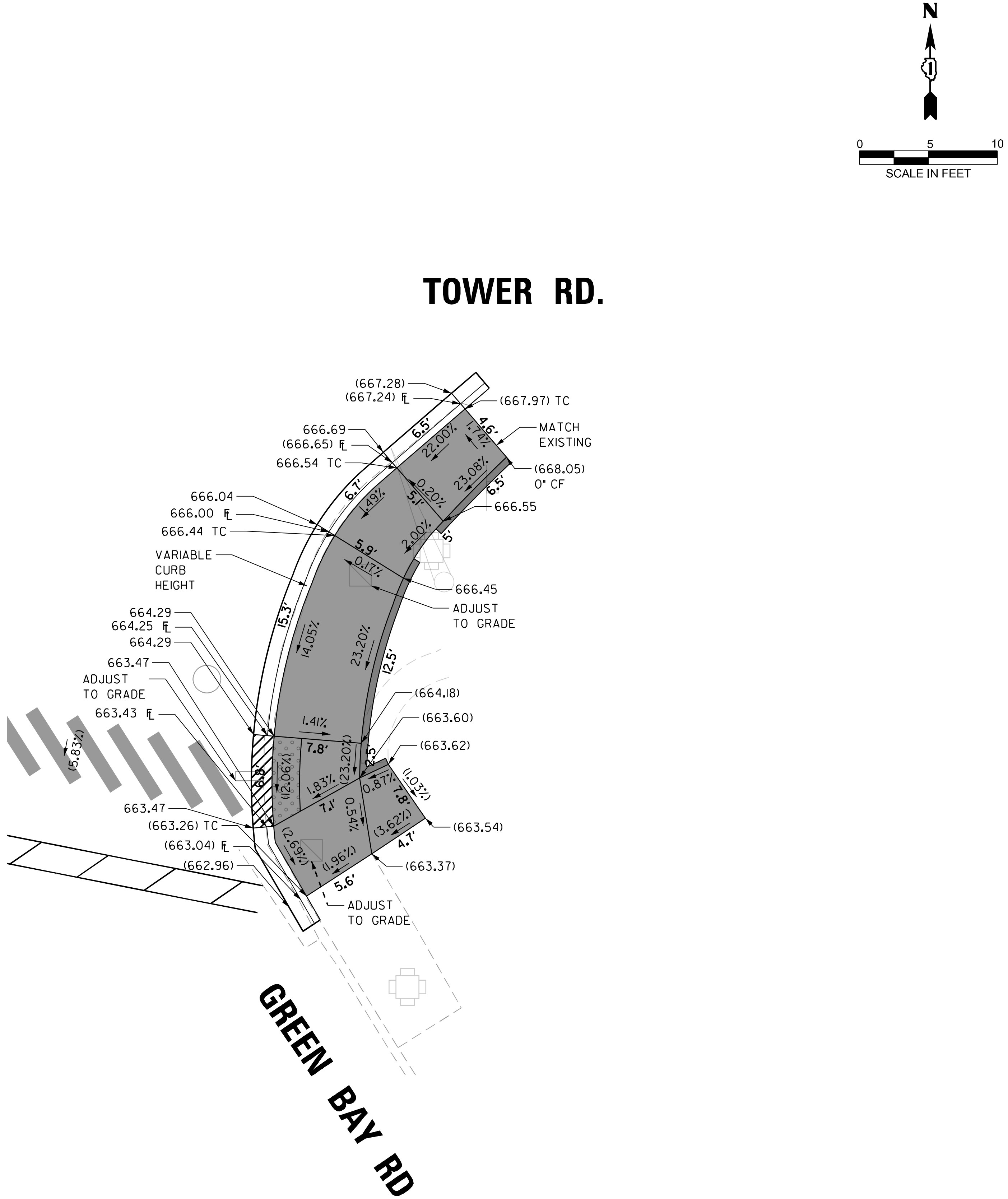
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

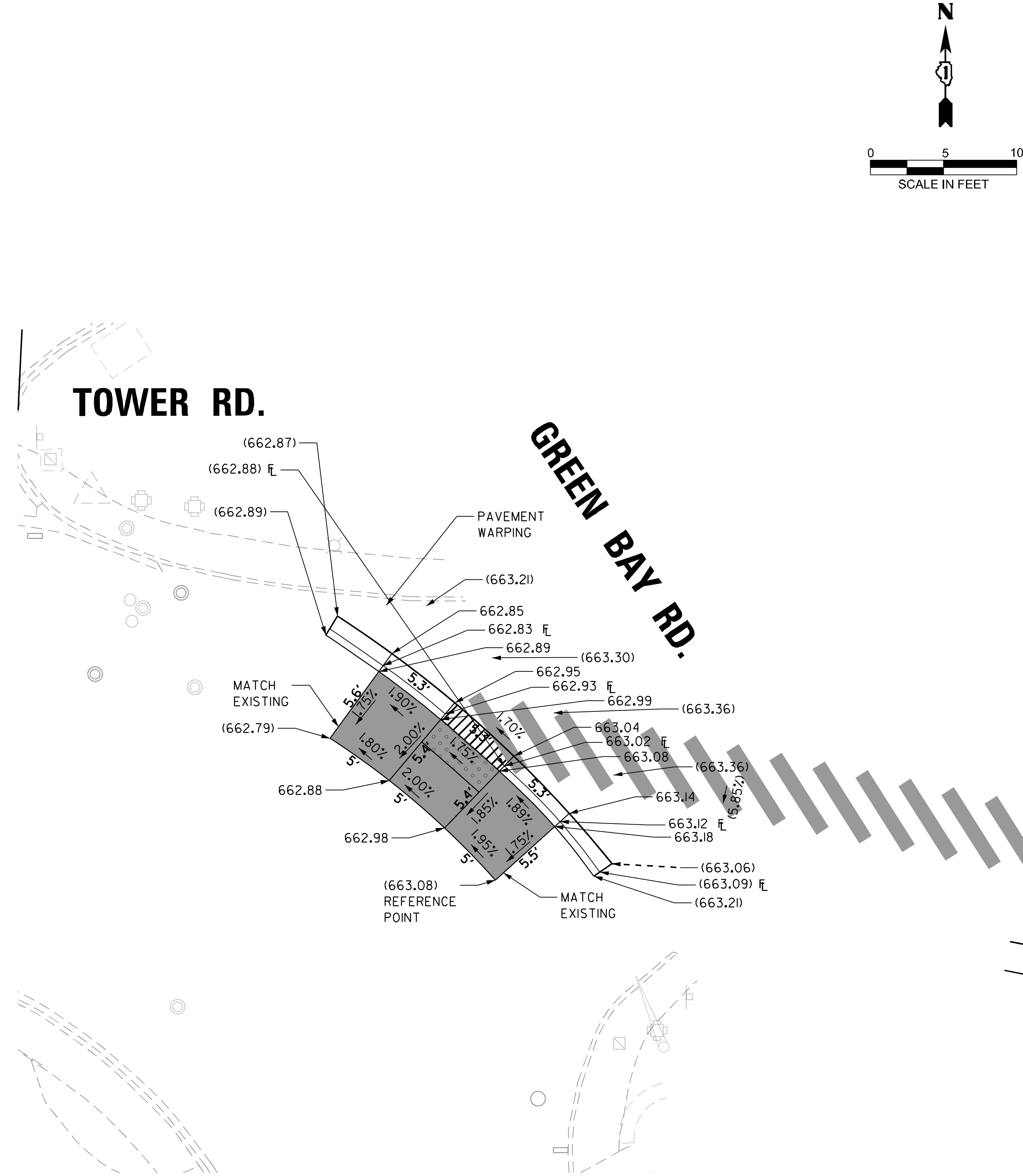
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	41

CONTRACT NO. 62W73

ILLINOIS | FED. AID PROJECT



GREEN BAY RD AND TOWER RD -
SE ADA PLAN



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

MODEL: General Notes Sheet
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada12.dgn

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(630) 443-7755

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	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
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	42
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

MODEL: General Notes Sheet
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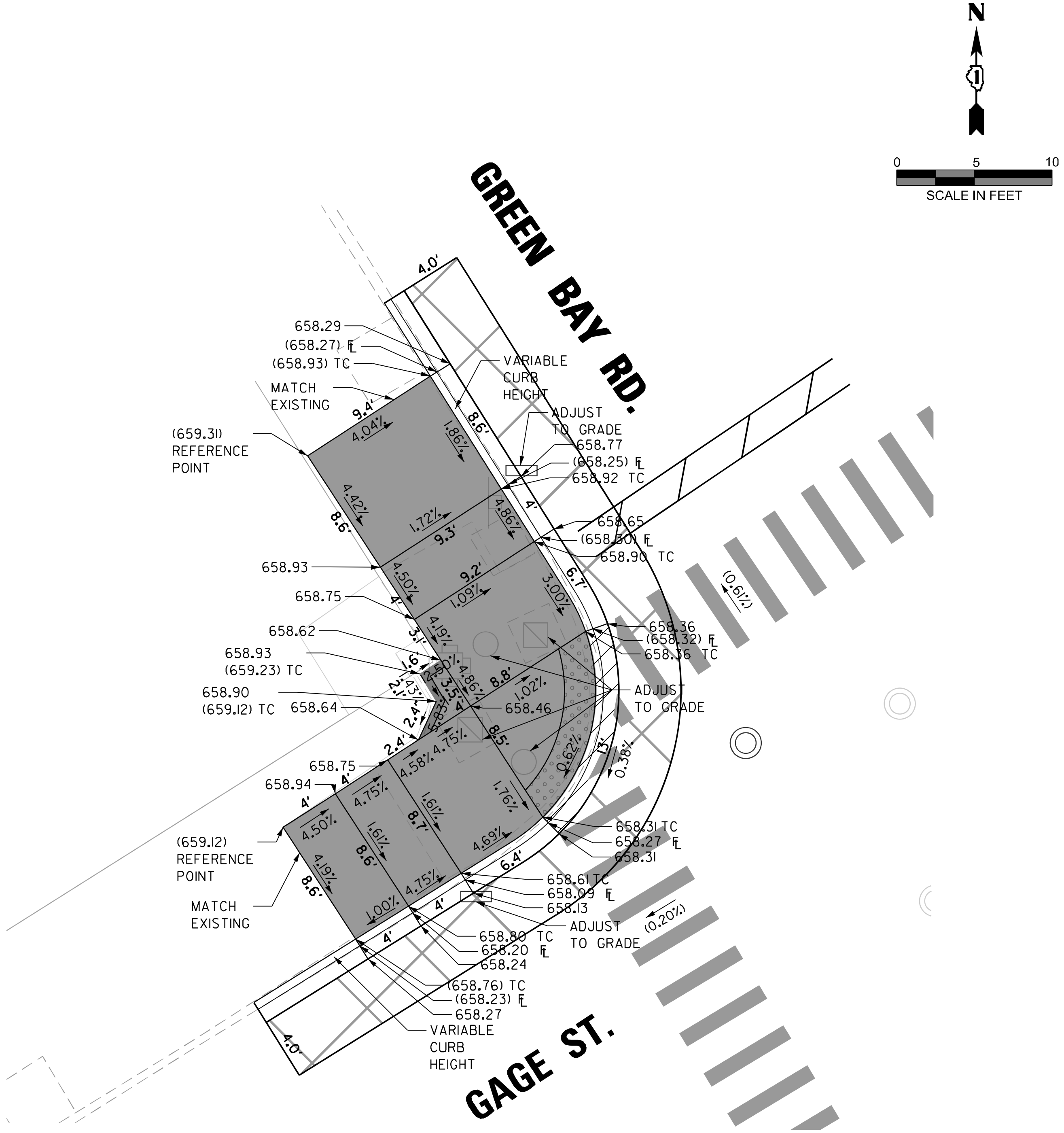
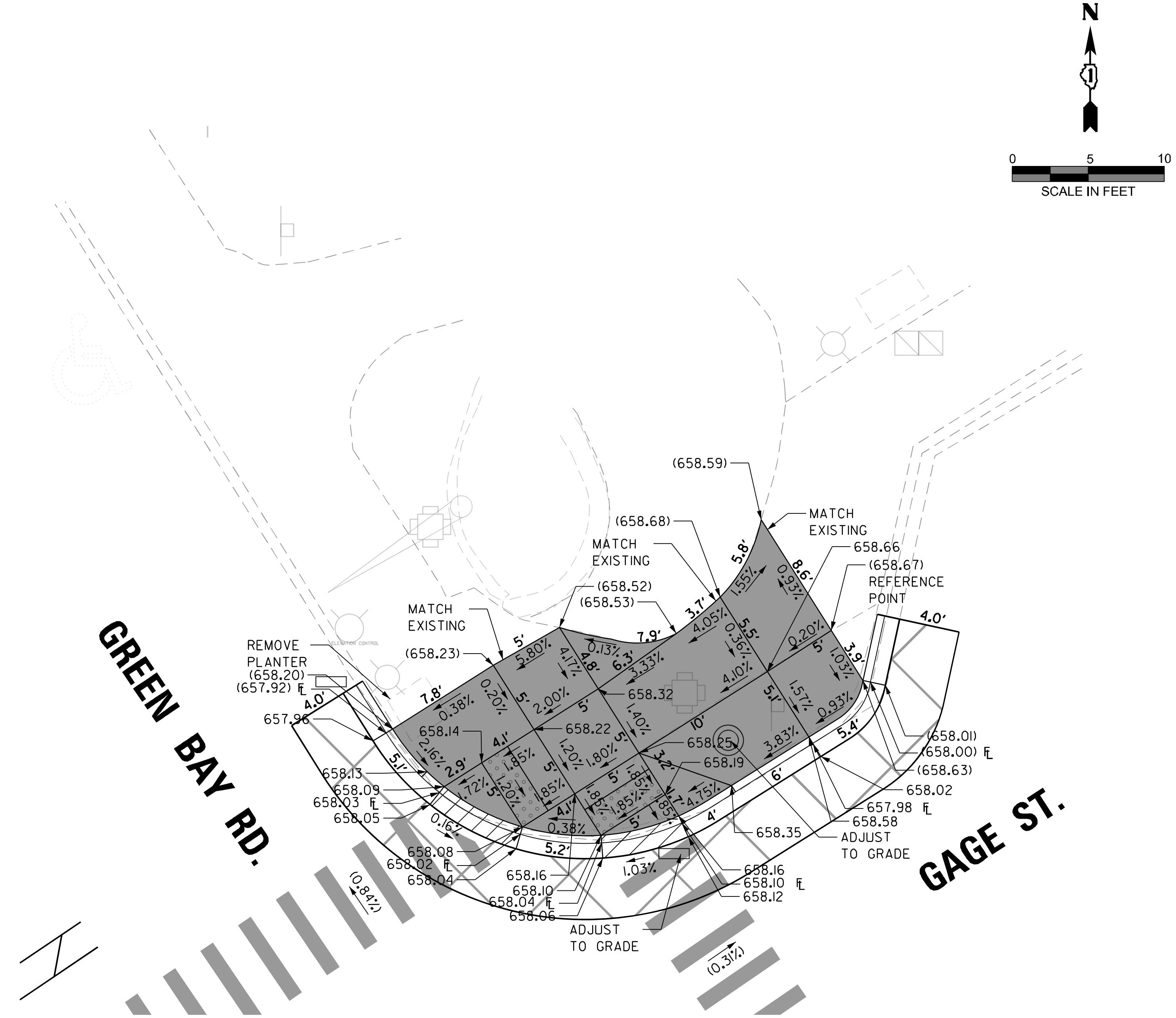


GREEN BAY RD AND GAGE ST - NW ADA PLAN



LEGEND

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

GREEN BAY RD AND GAGE ST - NE ADA PLAN

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

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

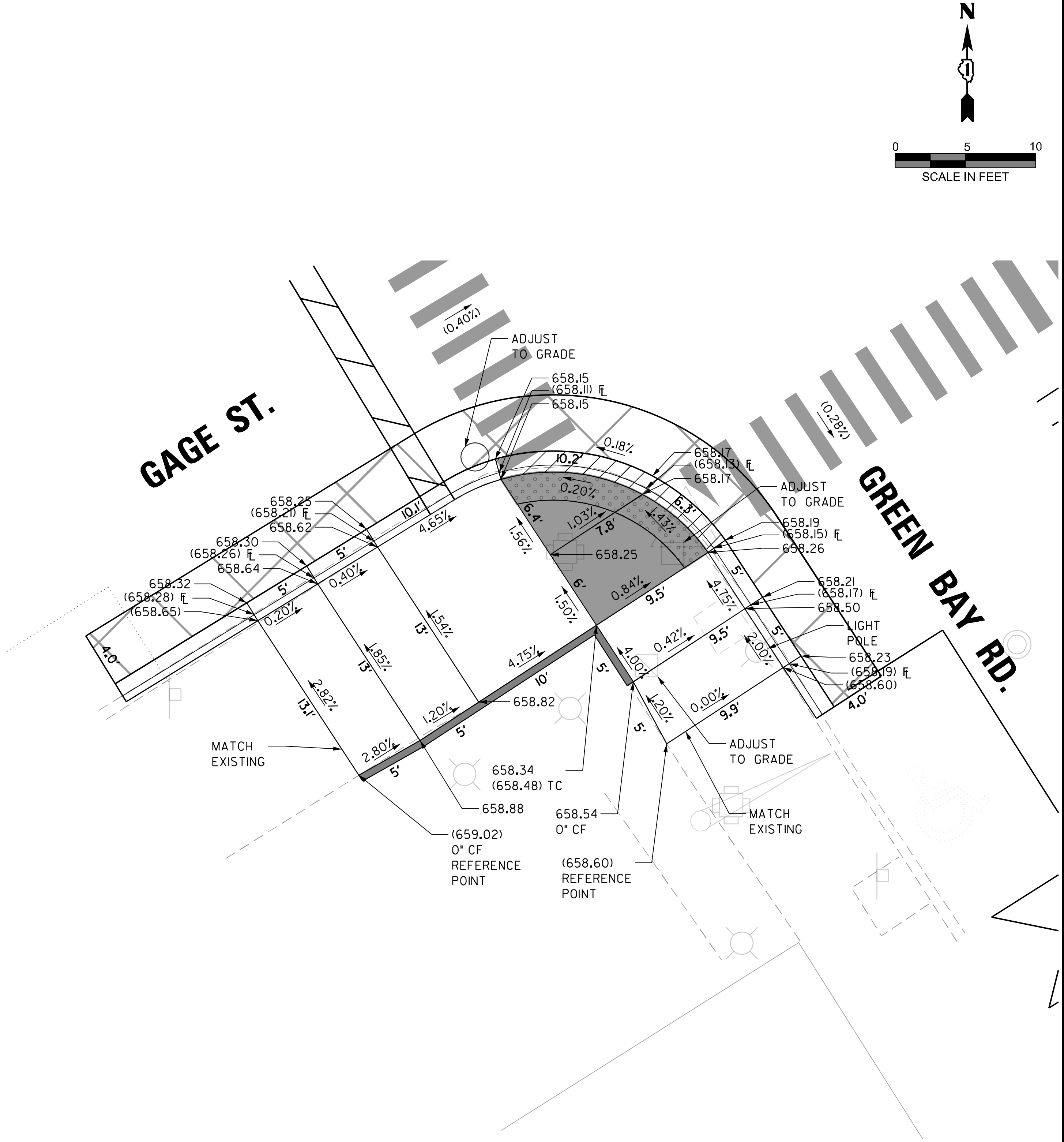
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

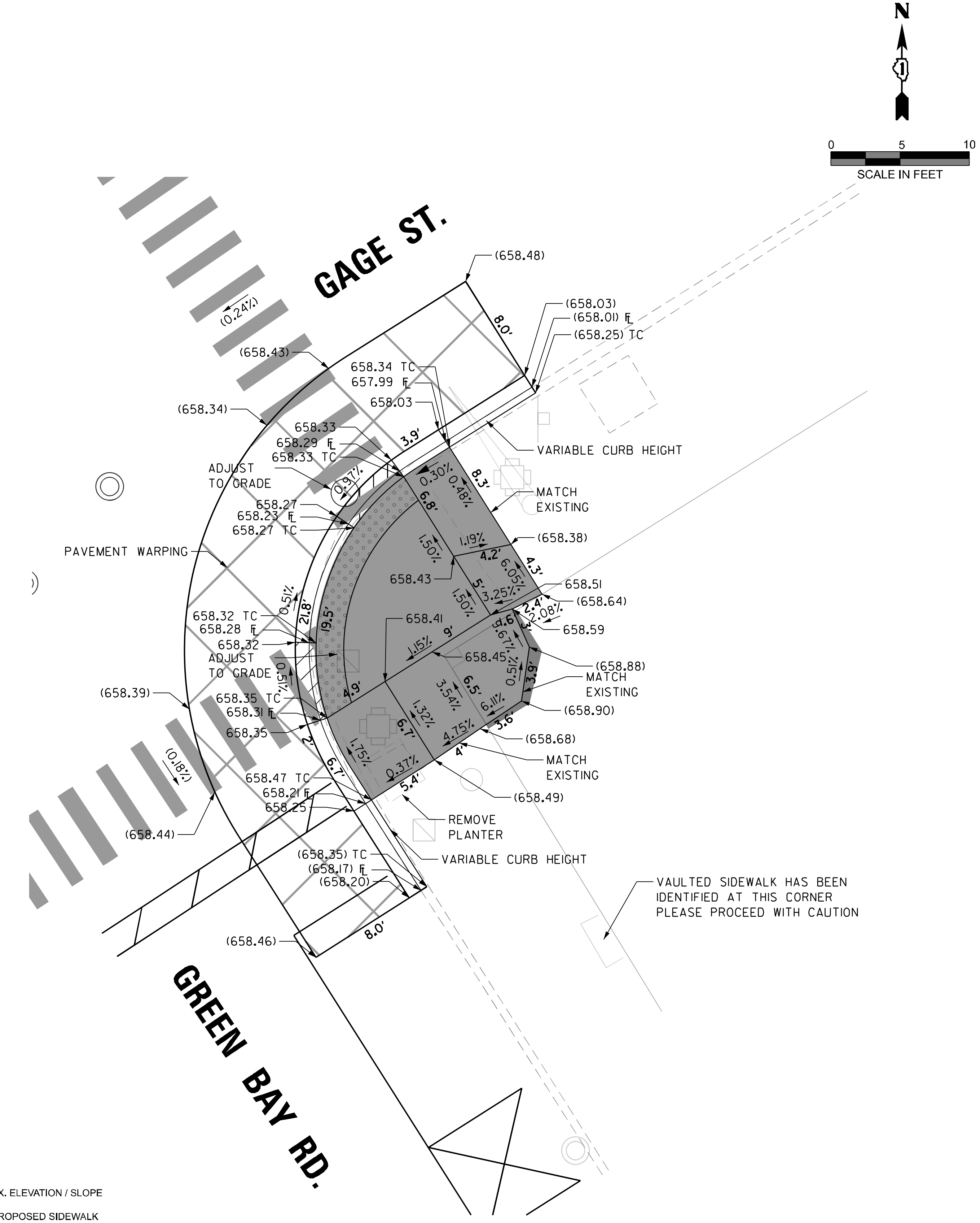
SCALE: 1"=5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	43

CONTRACT NO. 62W73
ILLINOIS | FED. AID PROJECT



GREEN BAY RD AND GAGE 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 GAGE ST - SE ADA PLAN

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

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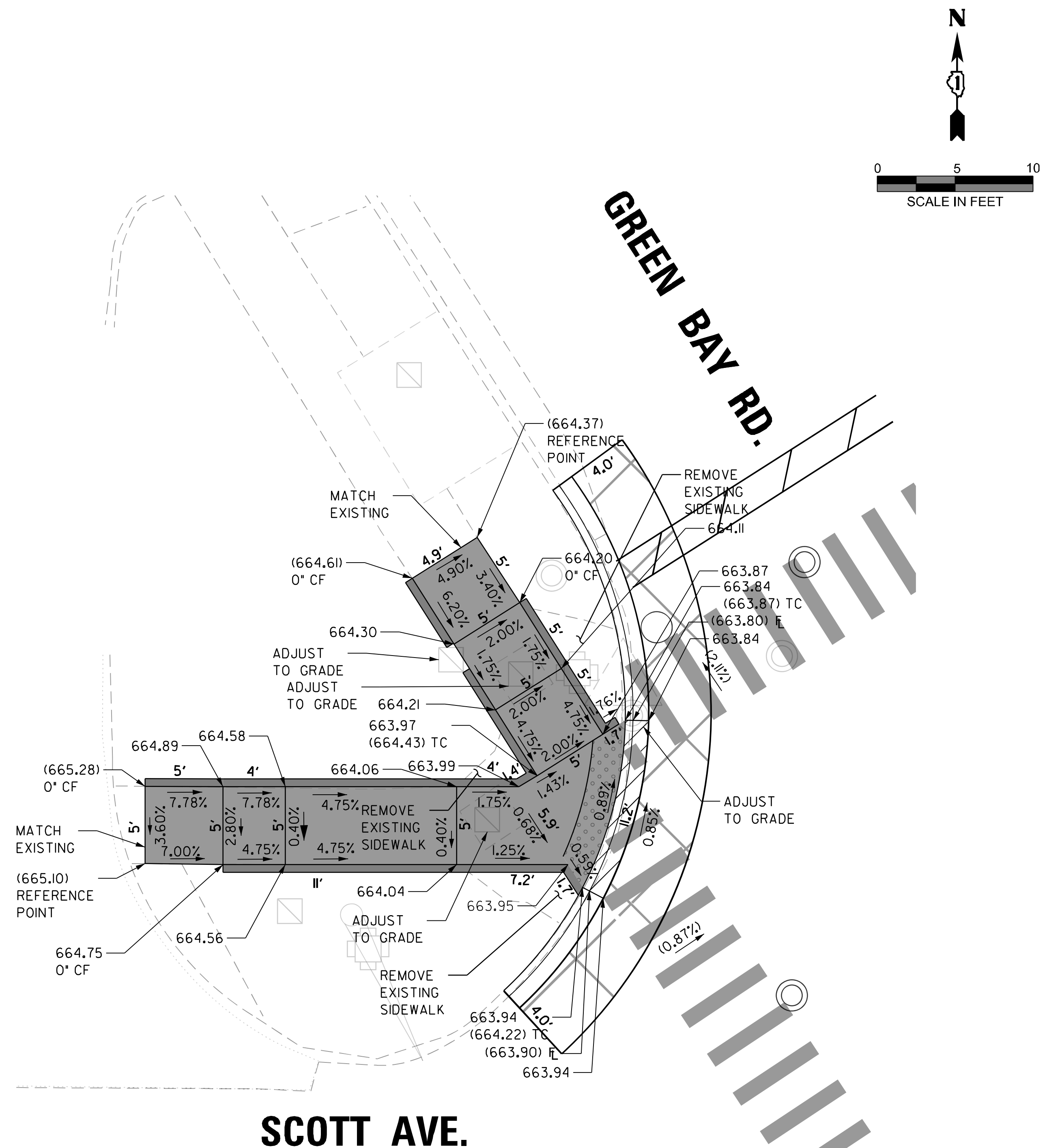
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -	

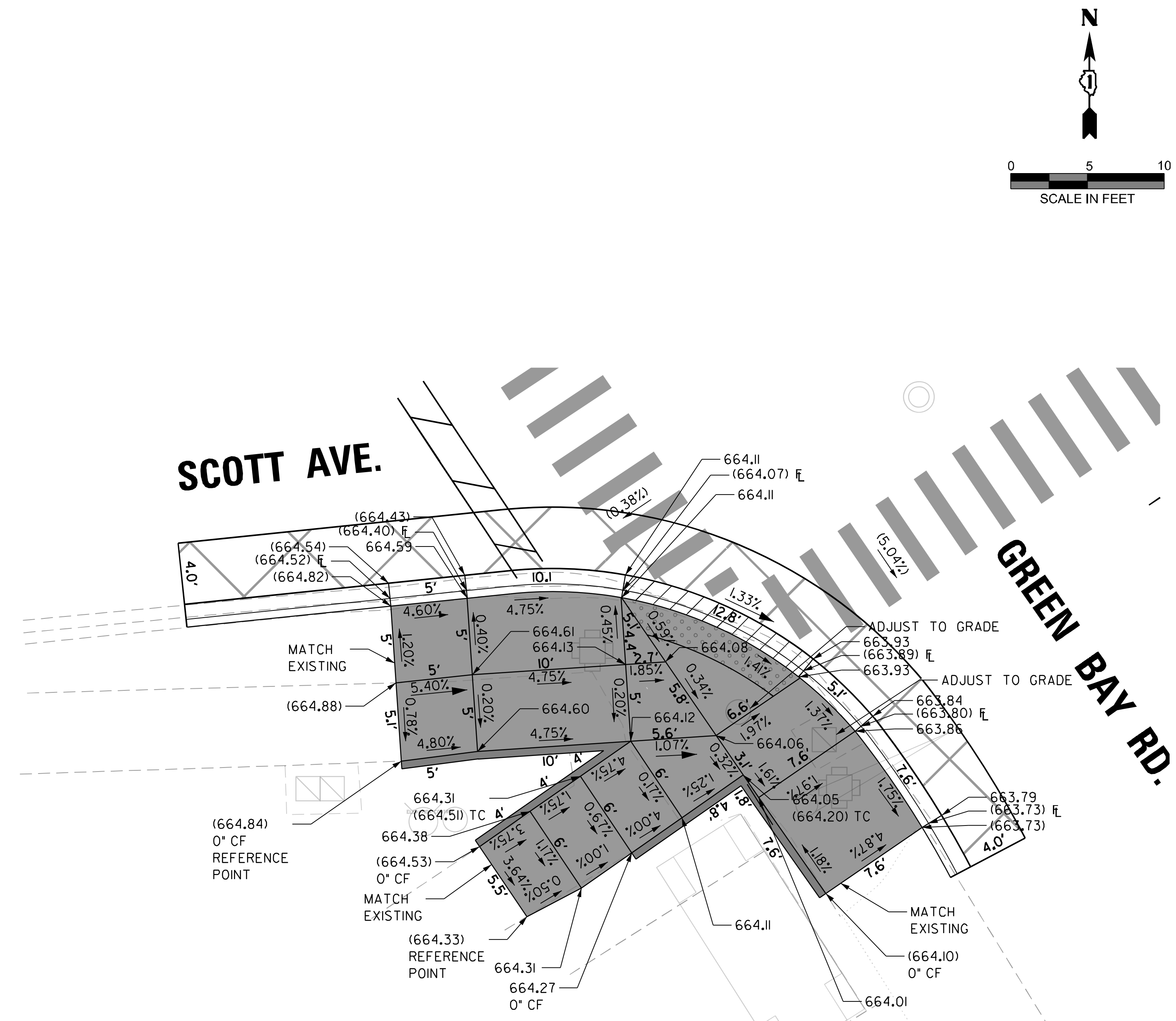
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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 SCOTT AVE - NW 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 SCOTT AVE - SW ADA PLAN

MODEL: General Notes Sheet
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada15.dgn

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

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	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.

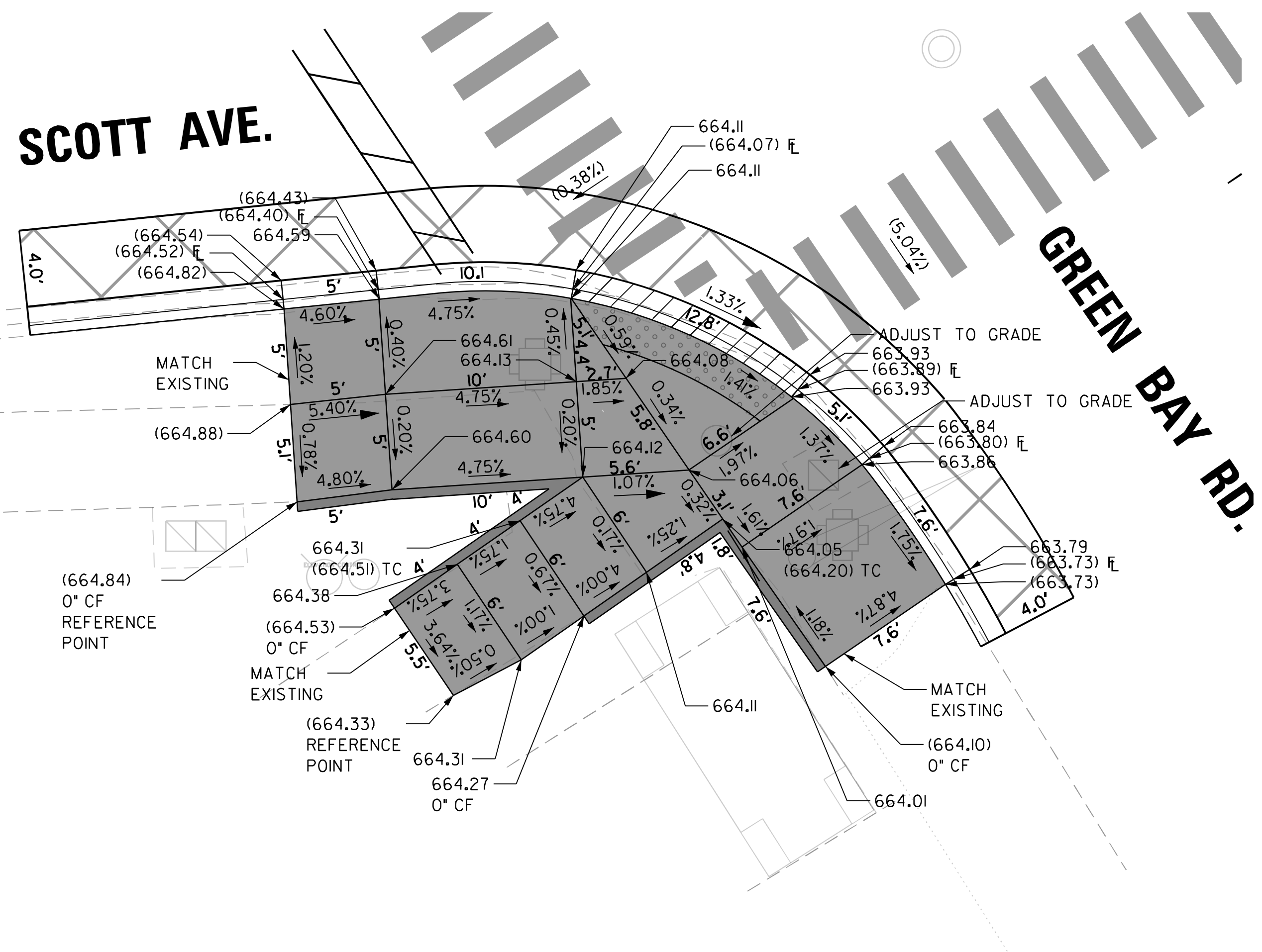
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	45

CONTRACT NO. 62W73

ILLINOIS FED. AID PROJECT

N

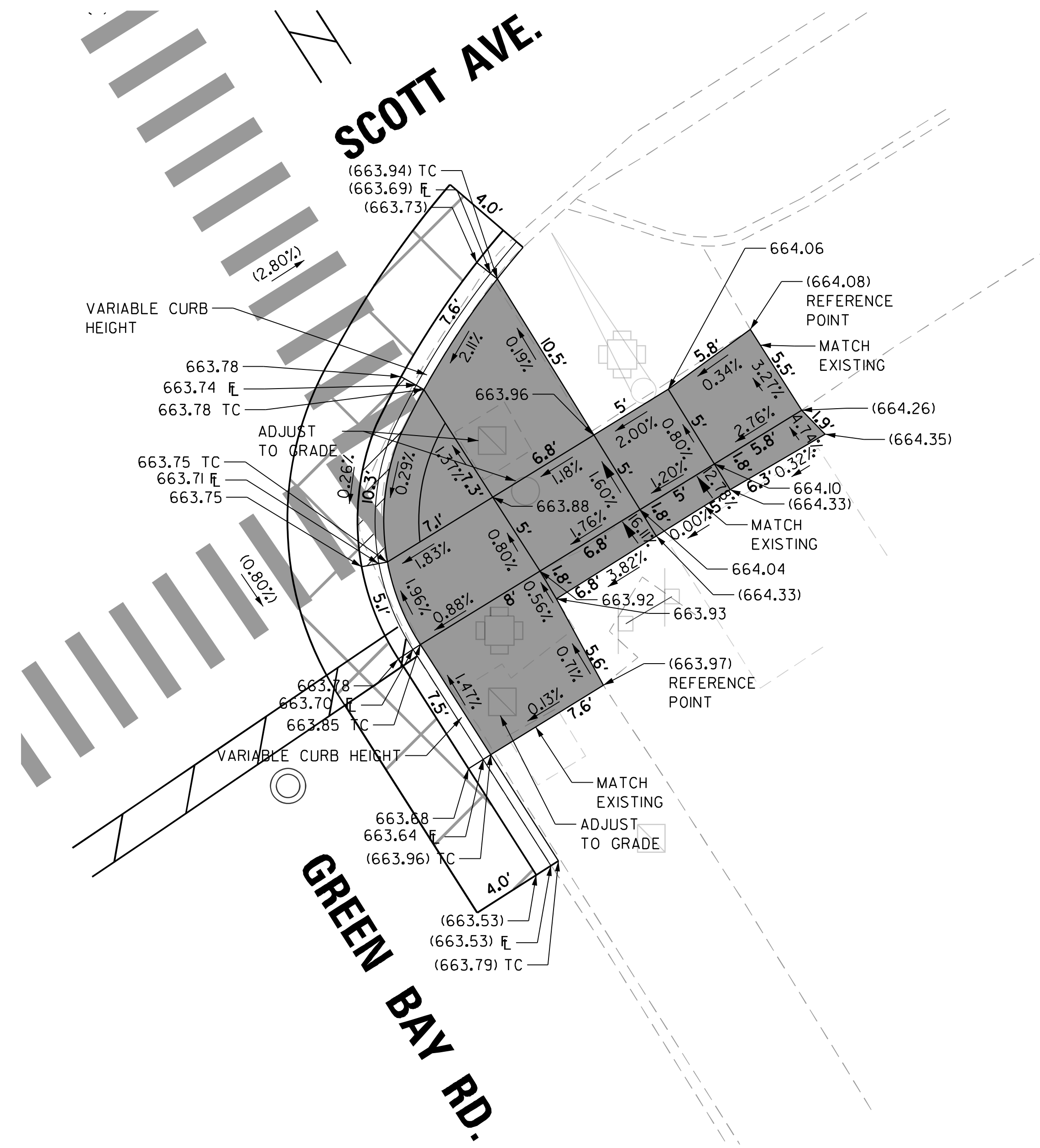
0 5 10
SCALE IN FEET



GREEN BAY RD AND SCOTT AVE - SW ADA PLAN

N

0 5 10
SCALE IN FEET



LEGEND

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

GREEN BAY RD AND SCOTT AVE - SE ADA PLAN

MODEL: General Notes Sheet
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada16.dgn

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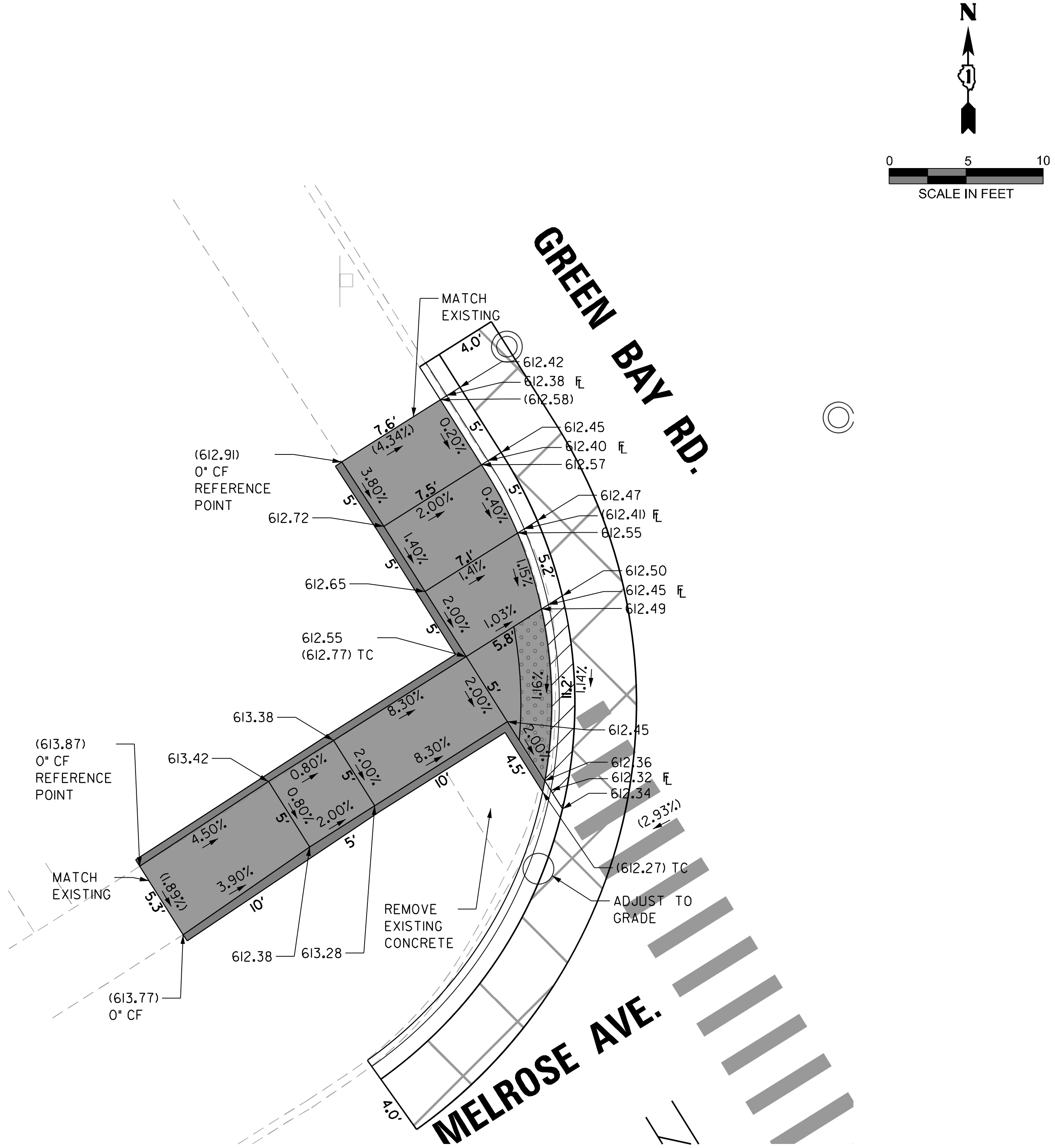
	CHECKED -	REVISED -	
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -	

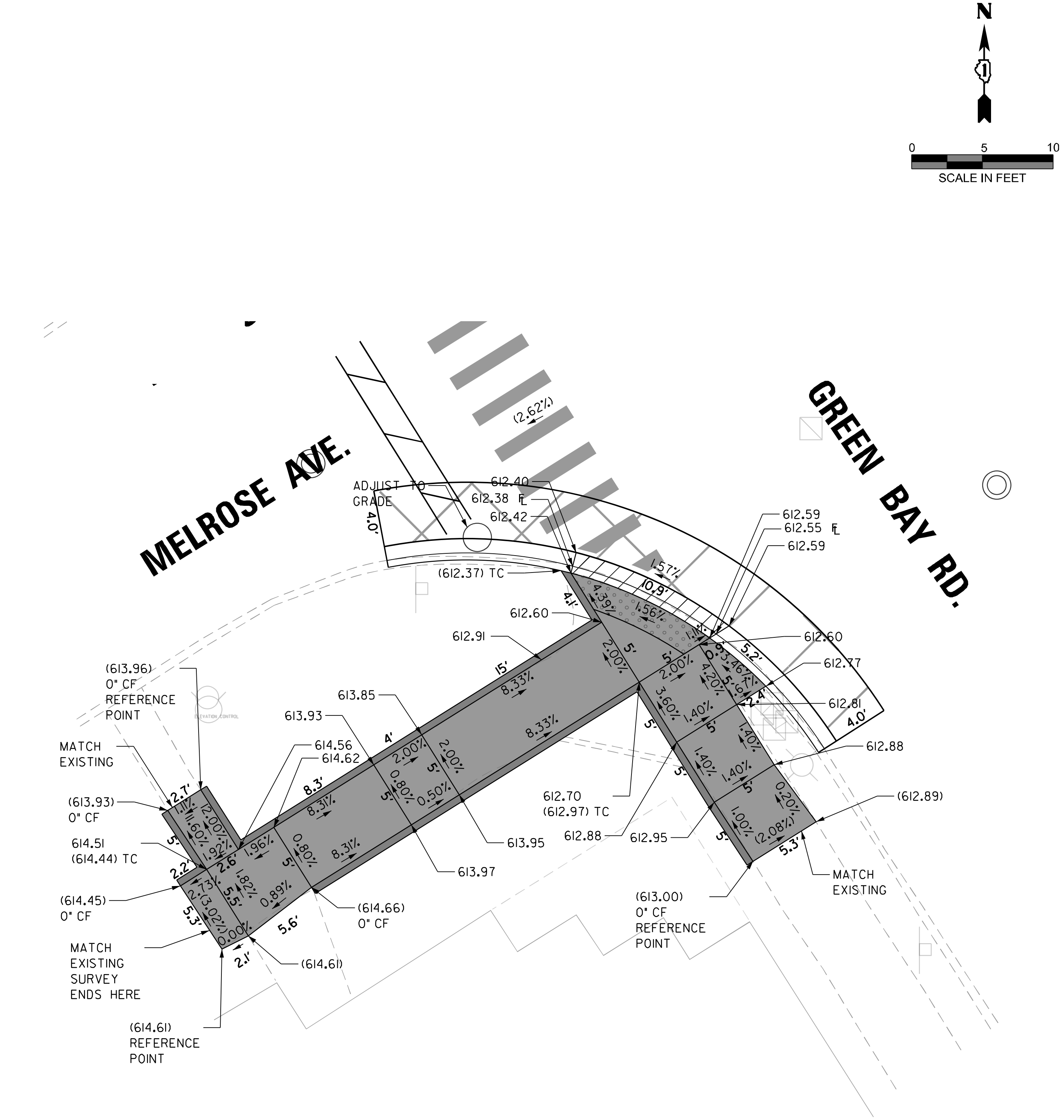
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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	46
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	





GREEN BAY RD AND MELROSE AVE - NW ADA PLAN

GREEN BAY RD AND MELROSE AVE - SW 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 PTB210-002_VarPhilProjectsWO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada17.dgn

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SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

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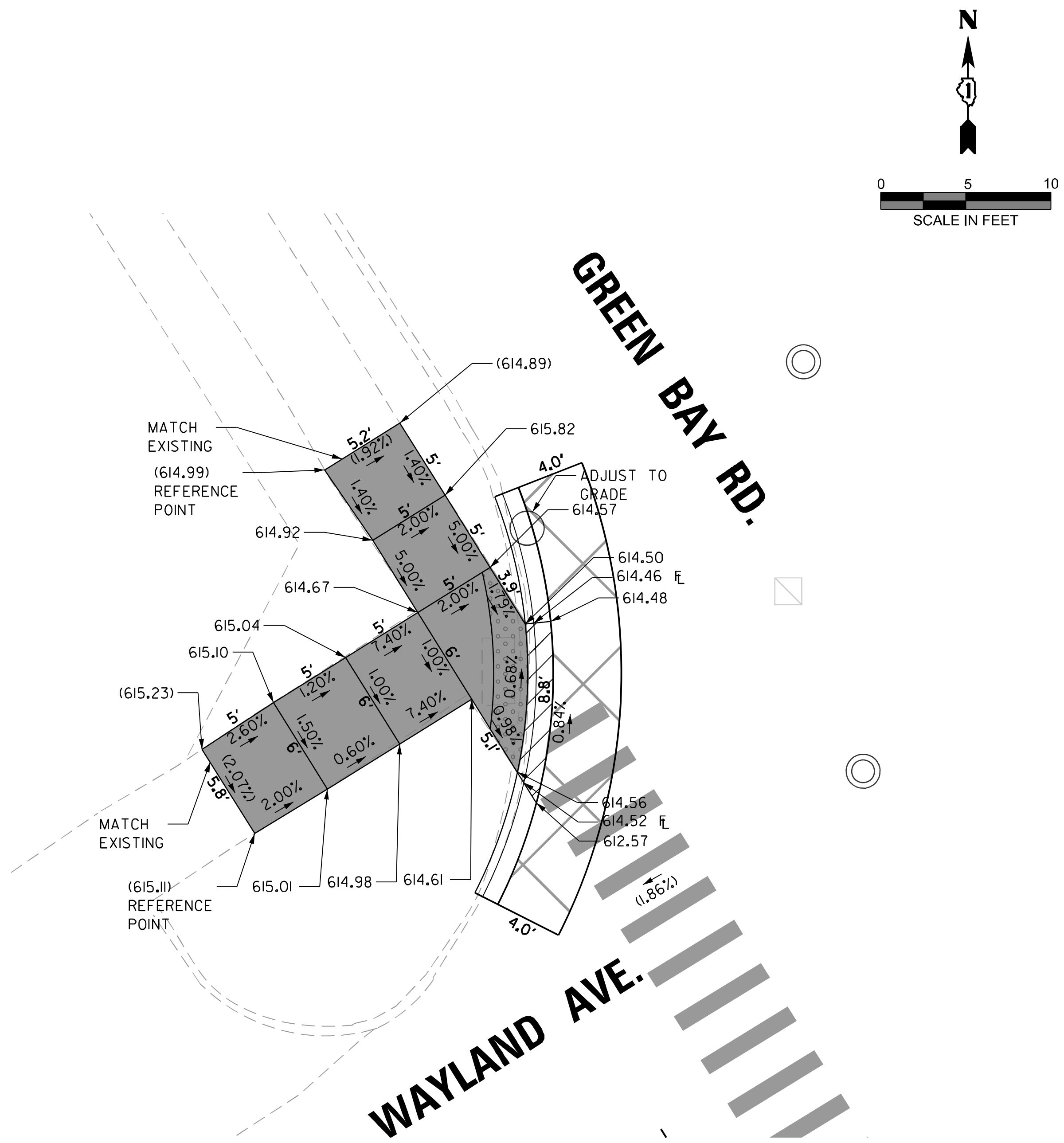
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

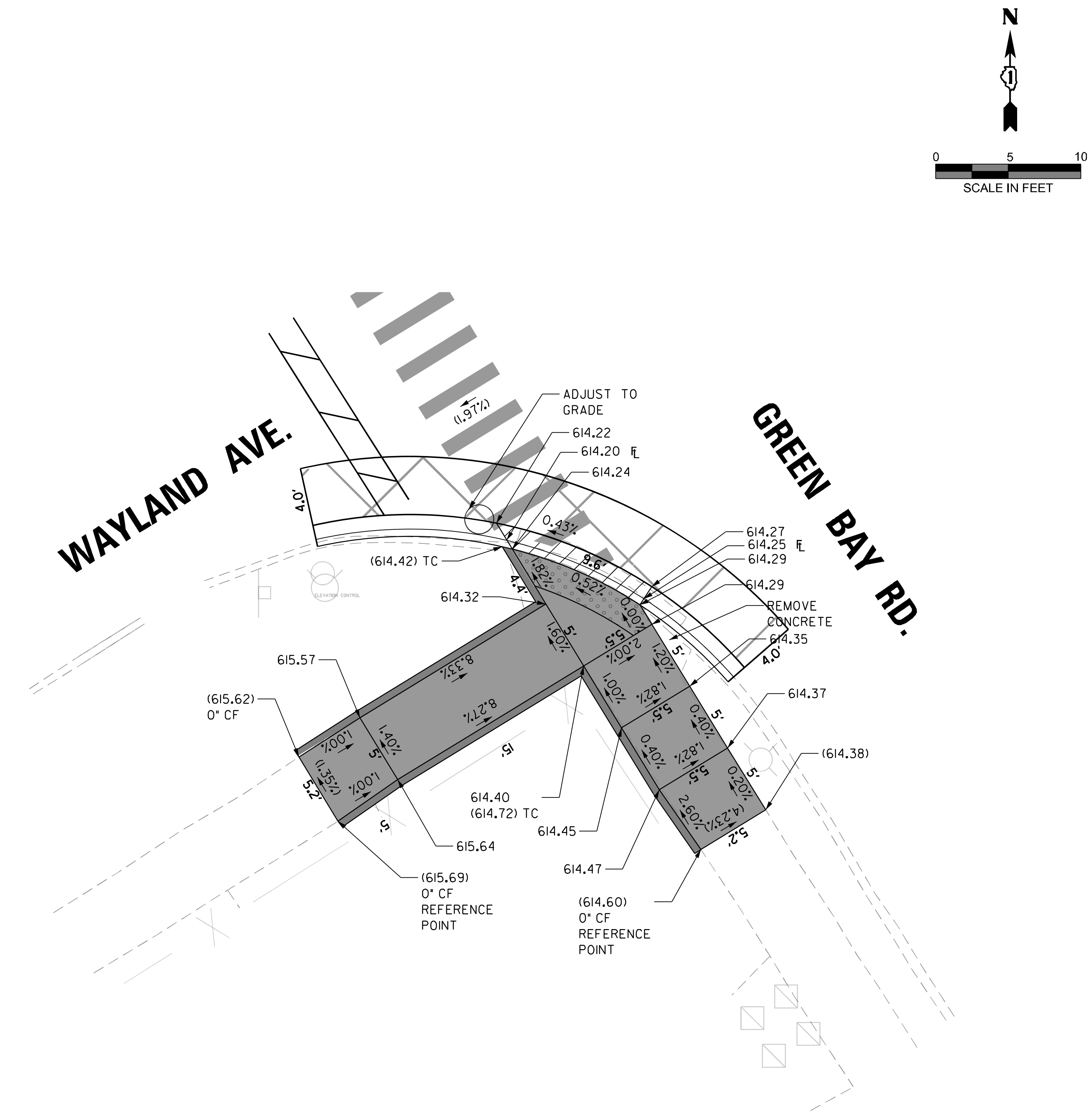
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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	47
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



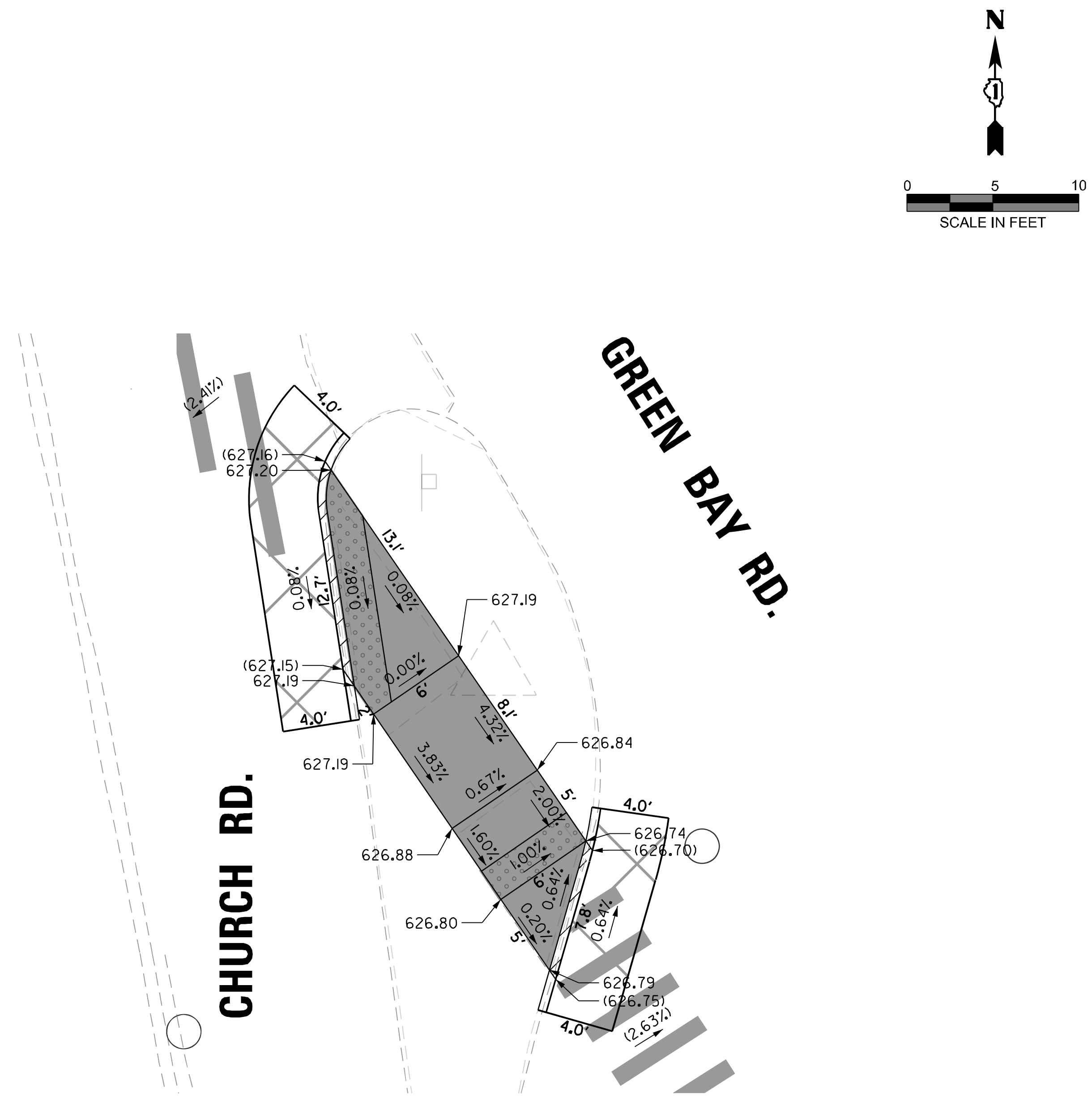
GREEN BAY RD AND WAYLAND AVE - NW ADA PLAN



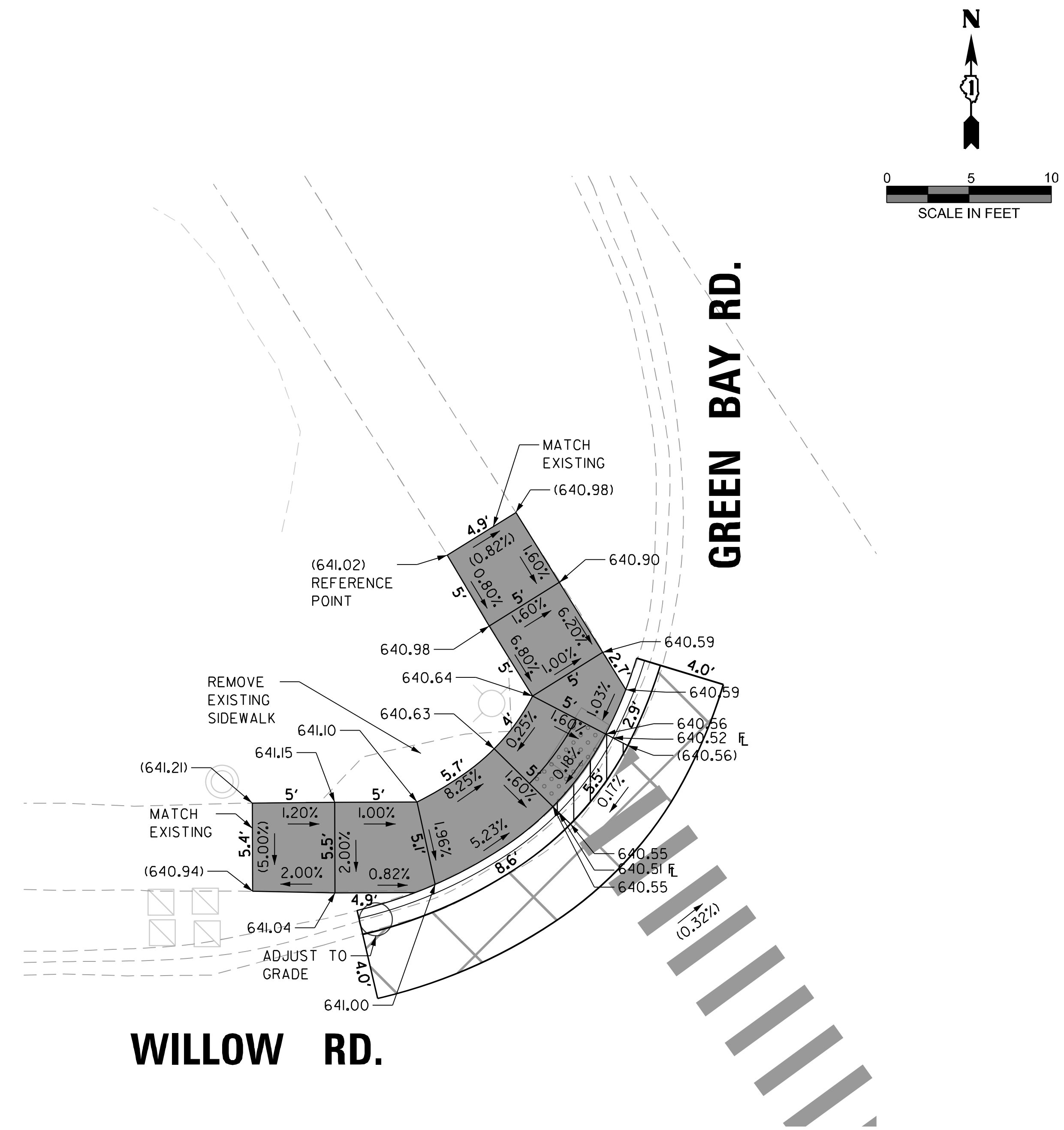
LEGEND

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

GREEN BAY RD AND WAYLAND AVE - SW ADA PLAN



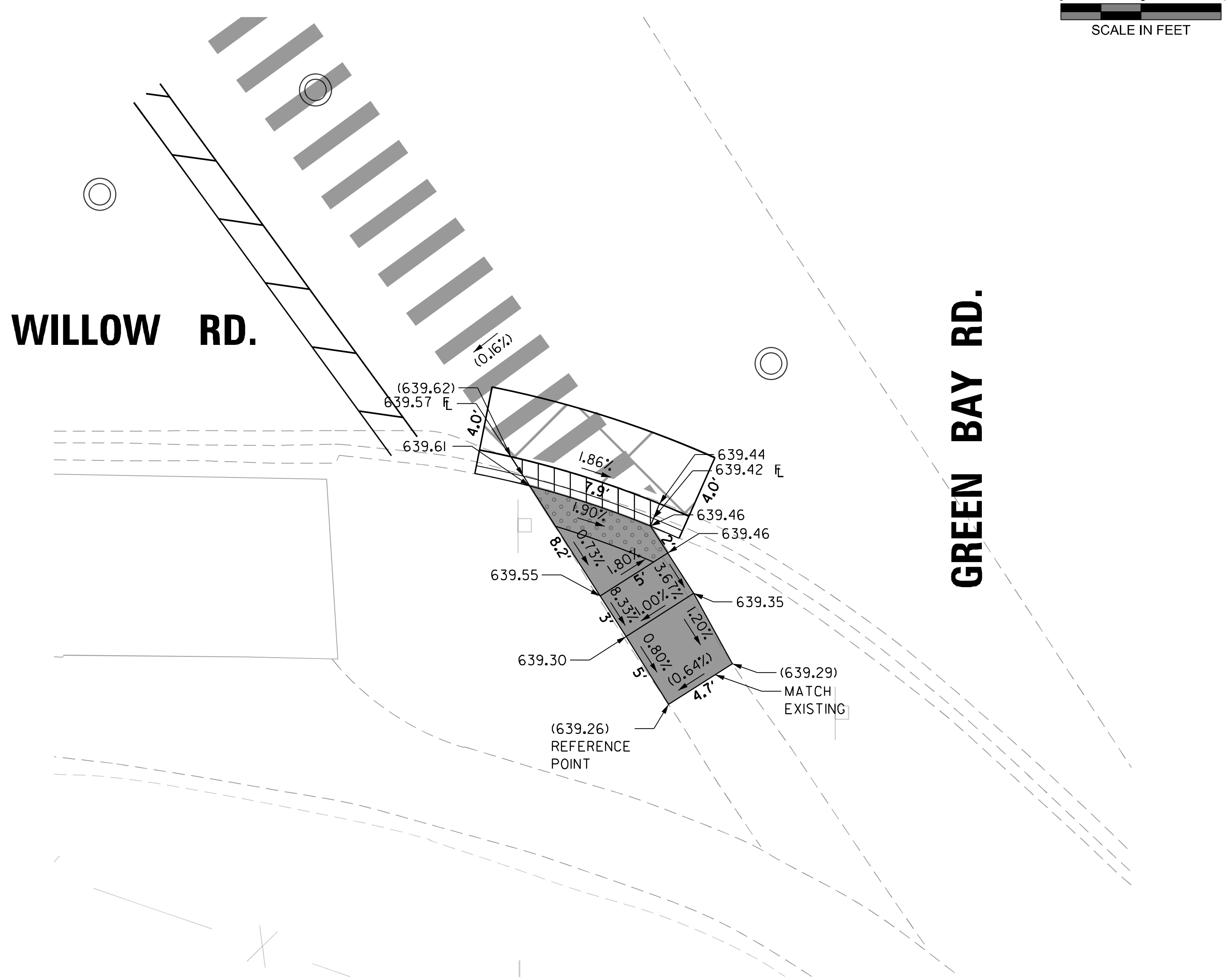
GREEN BAY RD AND CHURCH RD - ISLAND ADA PLAN



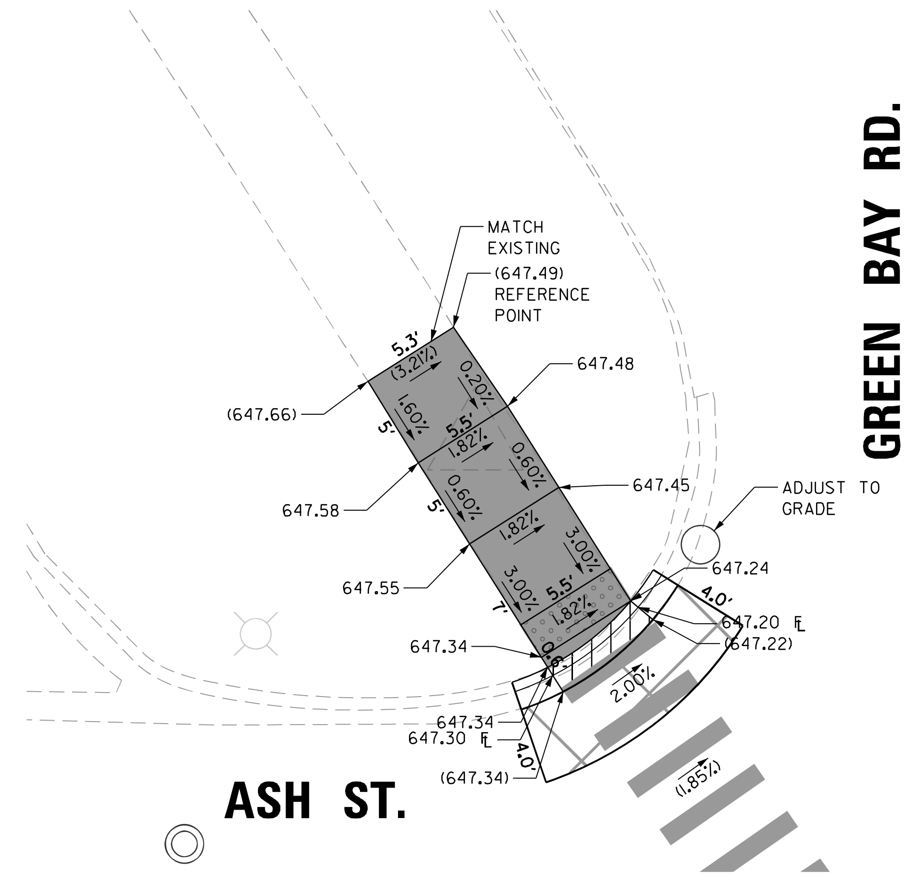
GREEN BAY RD AND WILLOW RD - NW ADA PLAN

LEGEND

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



GREEN BAY RD AND WILLOW RD - SW ADA PLAN



GREEN BAY RD AND ASH ST - NW 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 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada20.dgn

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

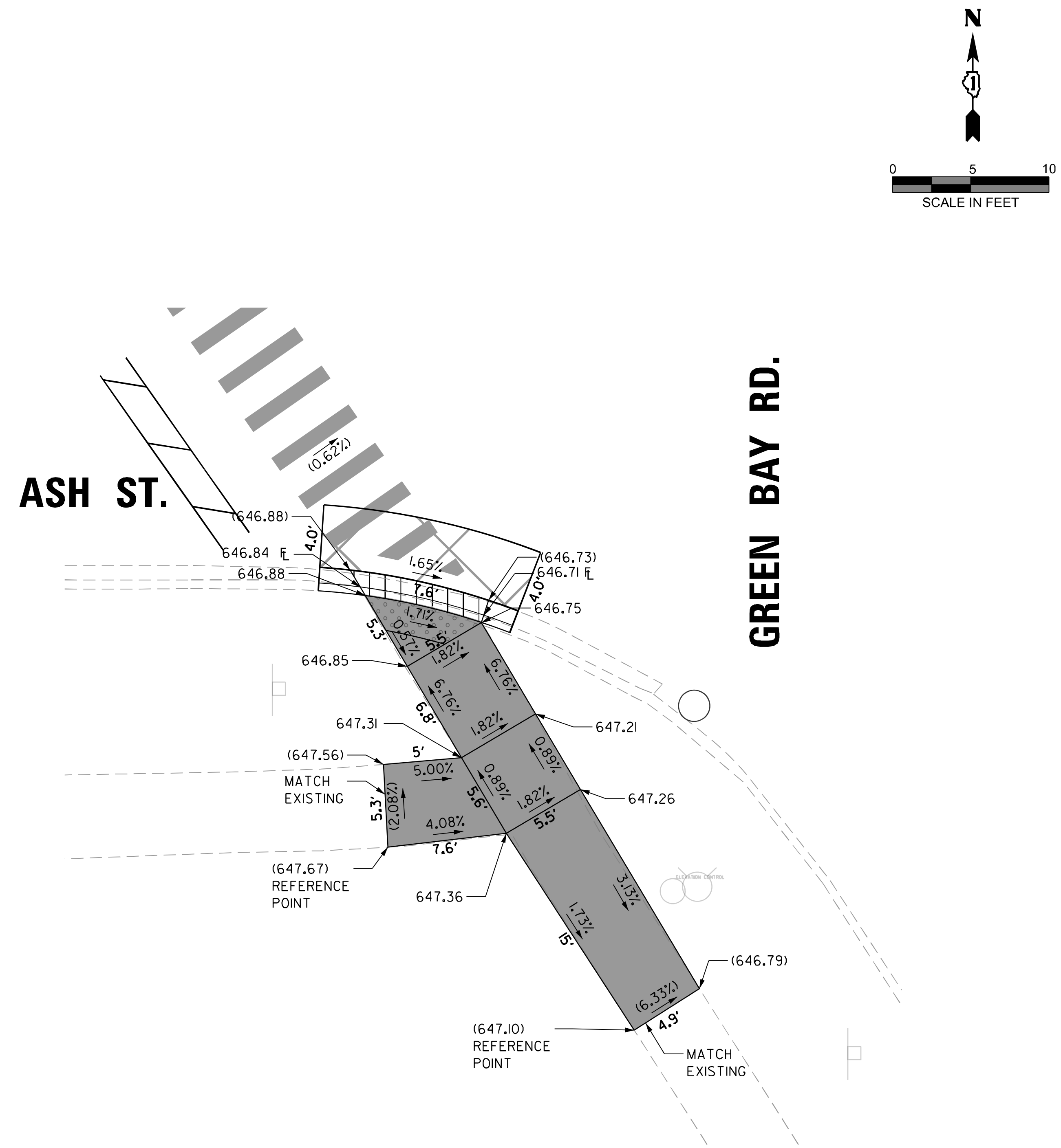
USER NAME = kcortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

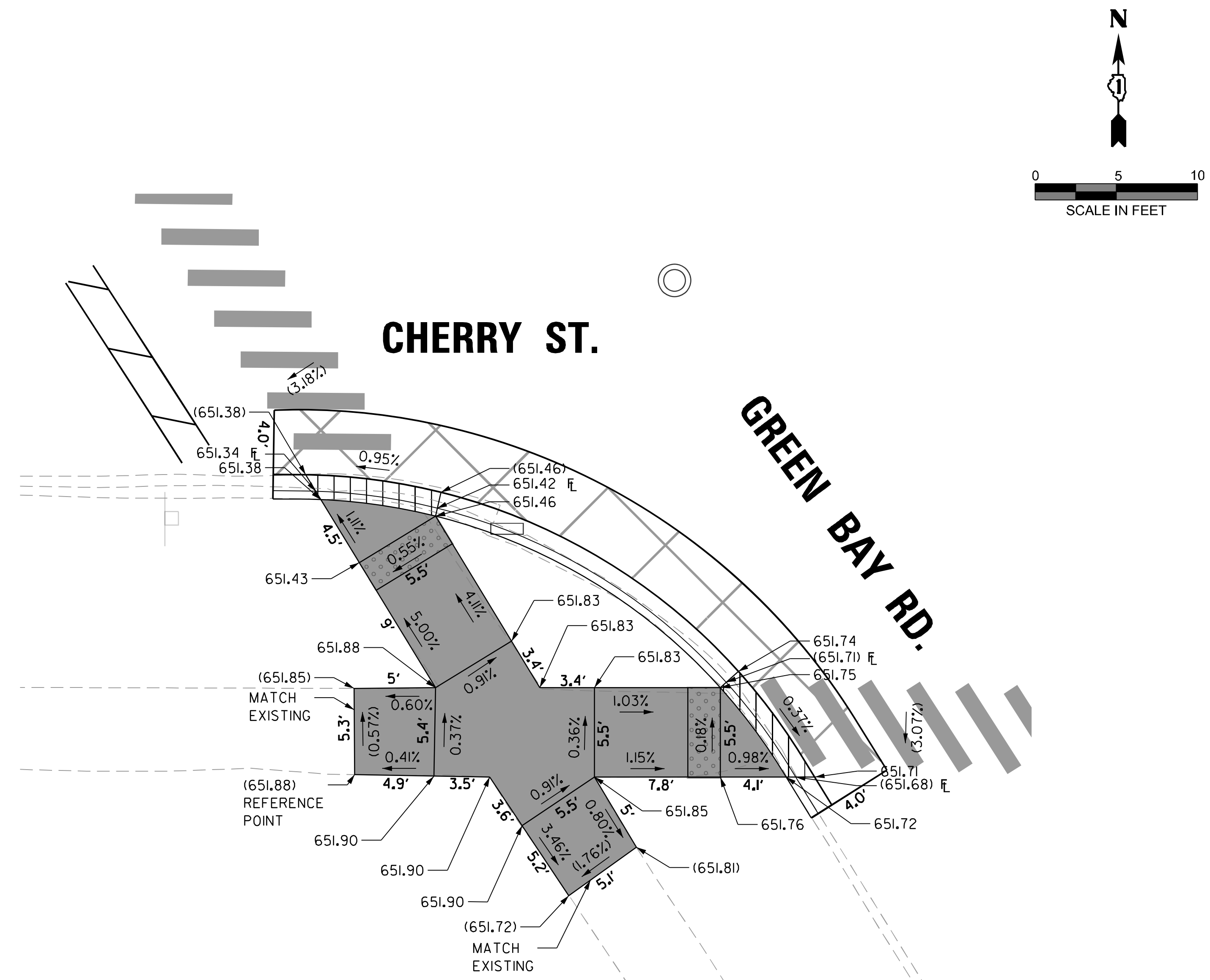
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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	50
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



GREEN BAY RD AND ASH 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 CHERRY ST - SW ADA PLAN

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

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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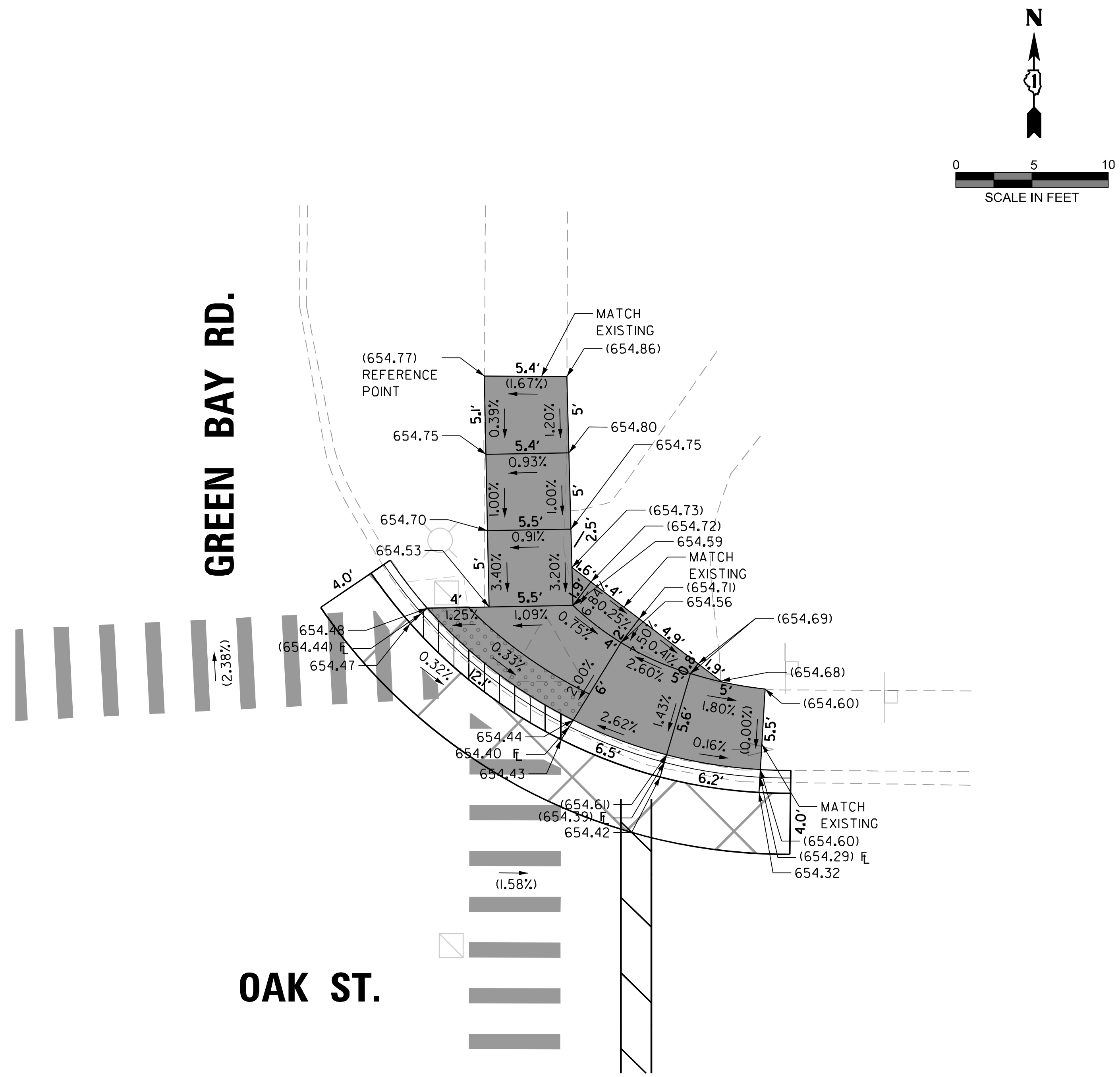
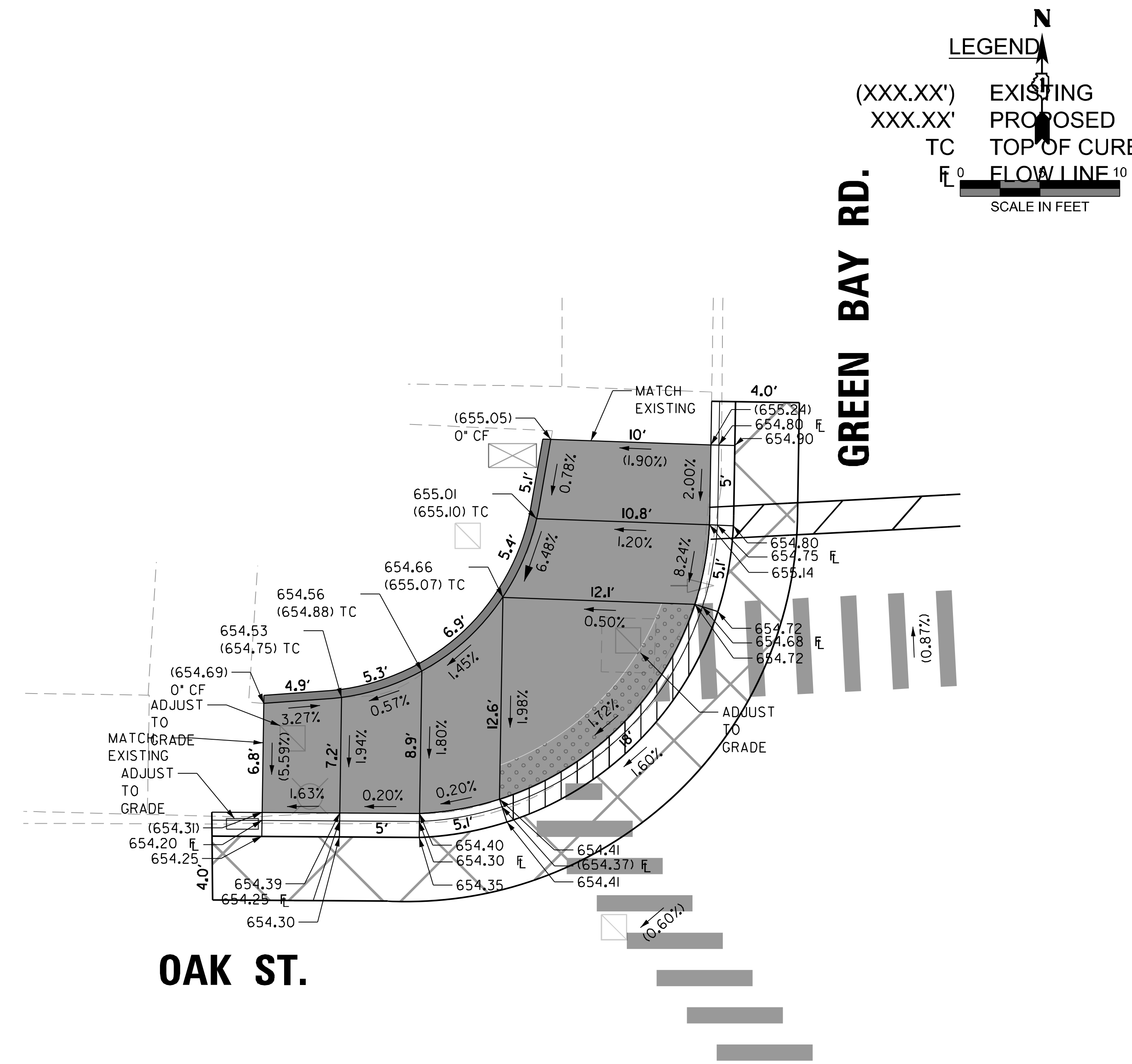
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



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



GREEN BAY RD AND OAK/LINDEN ST - NW 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 PTB210-002_VarPhilProjectsWO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada22.dgn

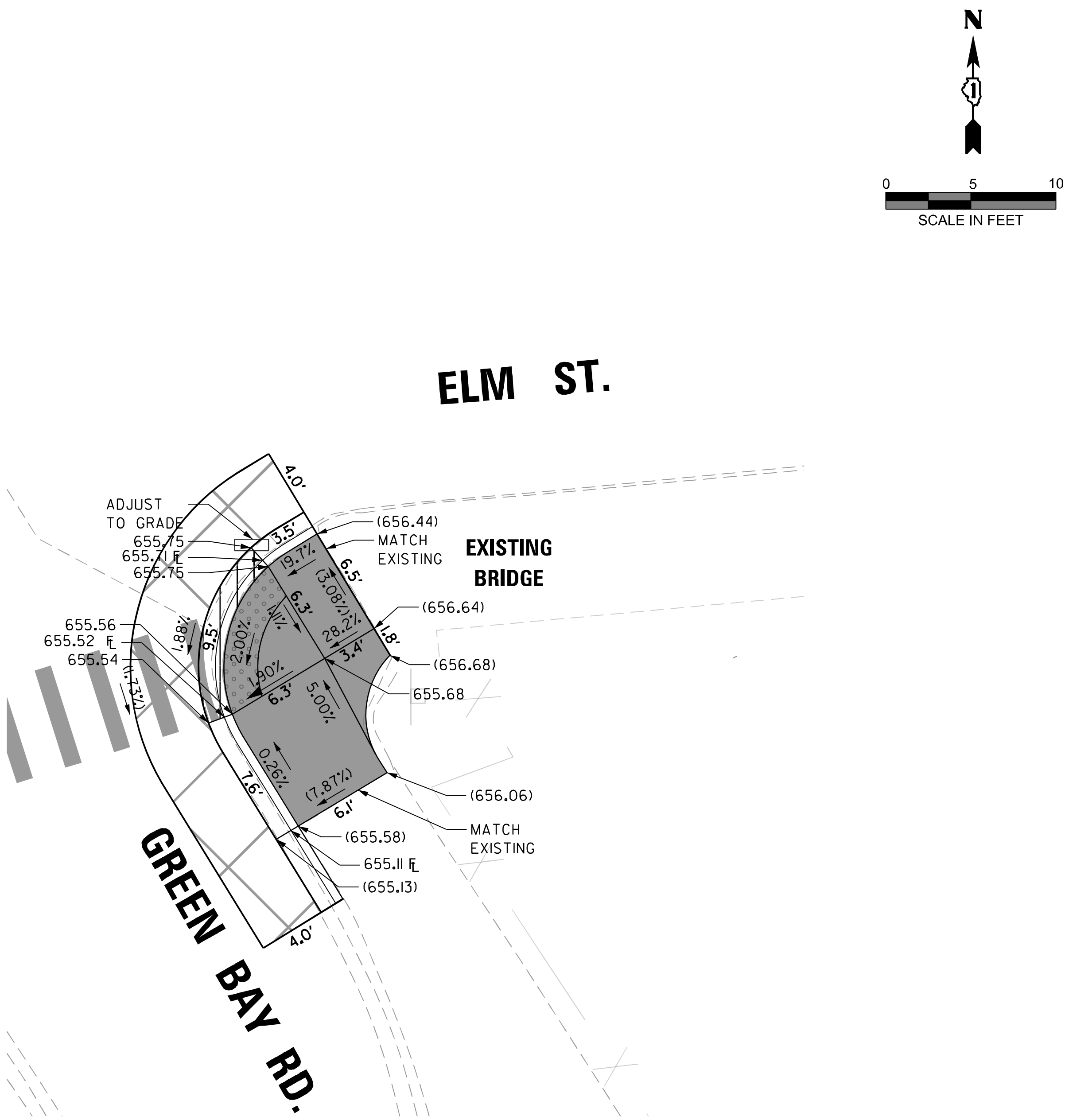
WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = kcortopassi	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

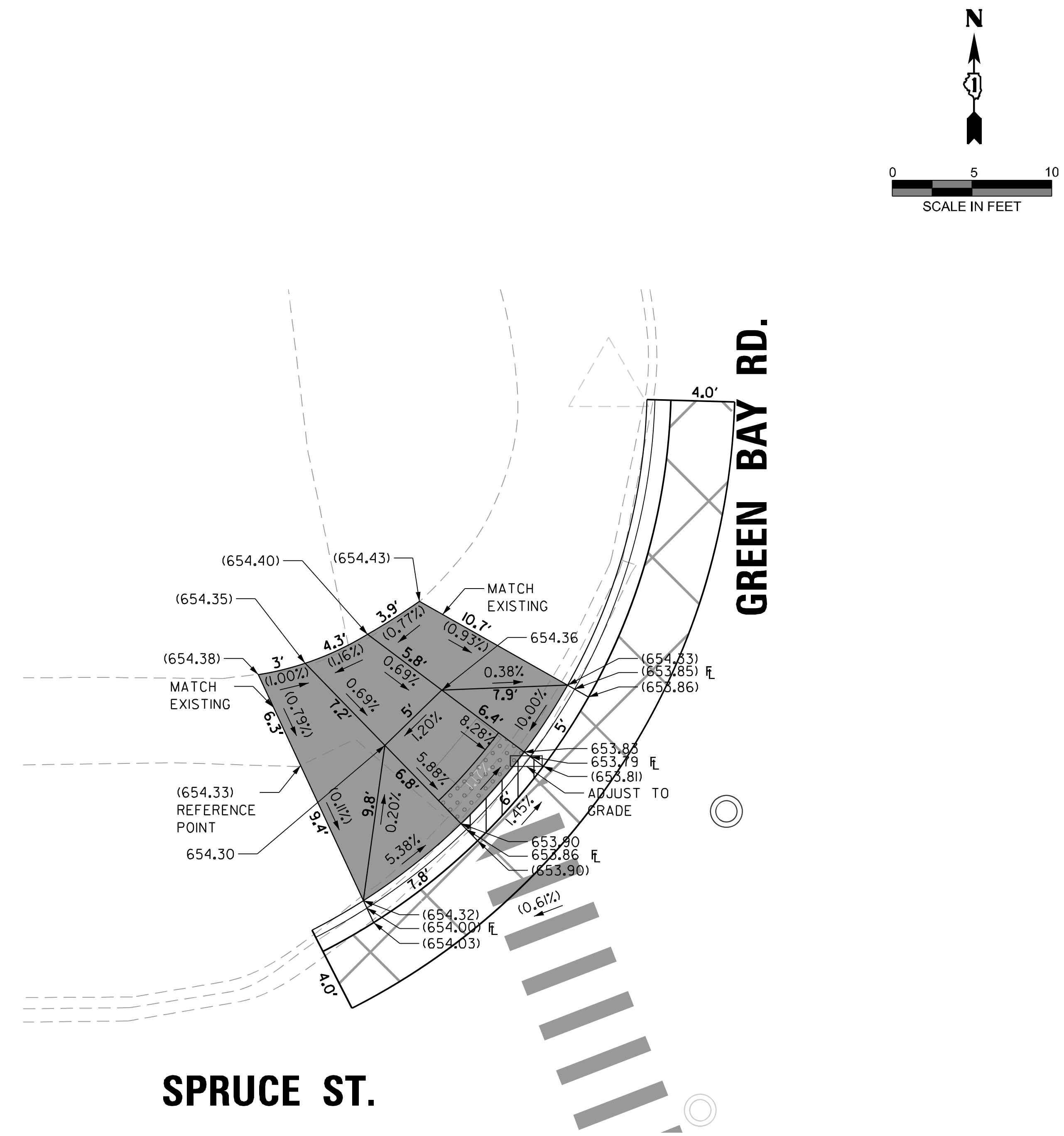
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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	



GREEN BAY RD AND ELM ST - SE ADA PLAN



GREEN BAY RD AND SPRUCE ST - NW 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 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada23.dgn

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

USER NAME = kcortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -	

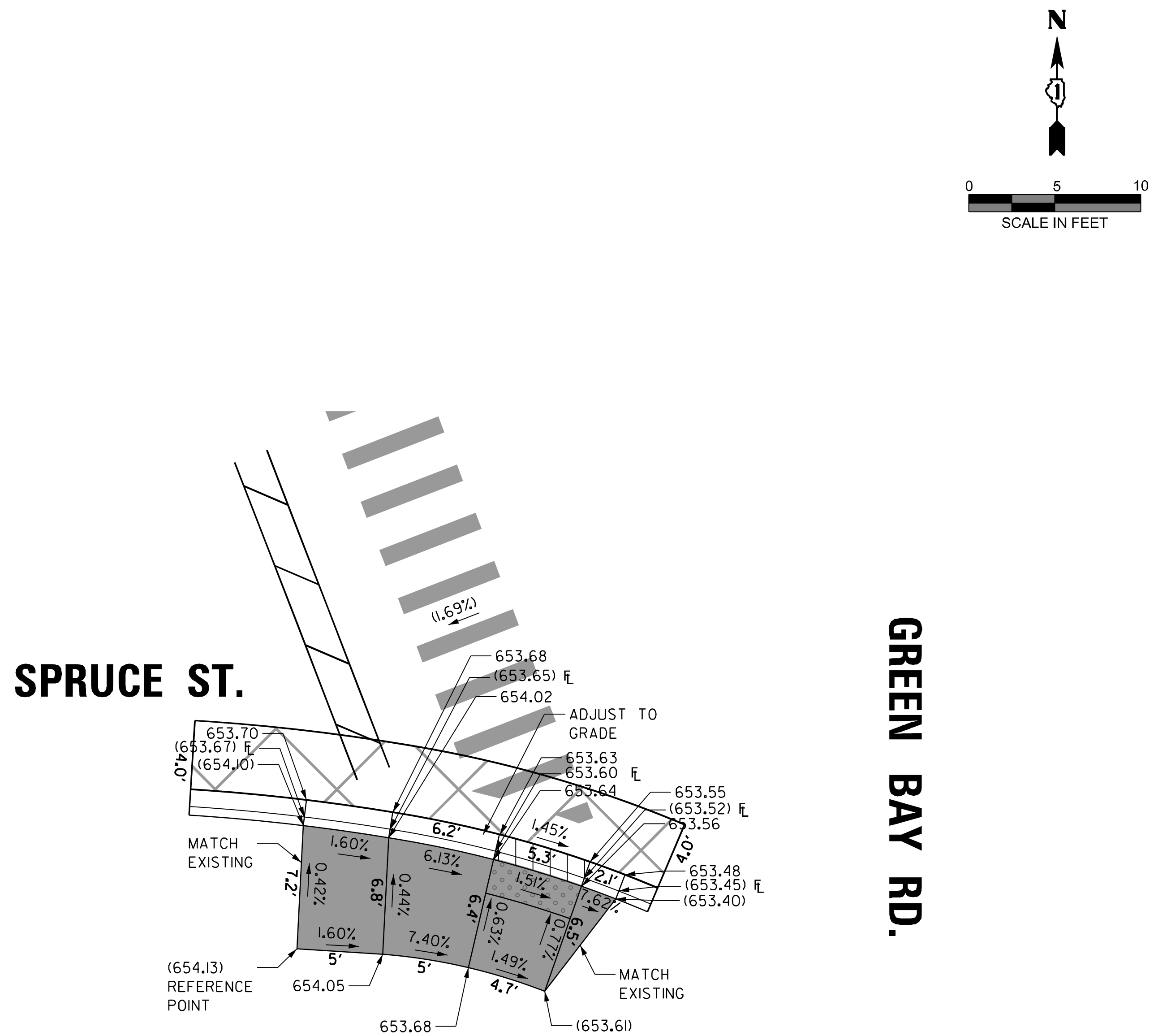
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
SIDEWALK DETAIL PLAN

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

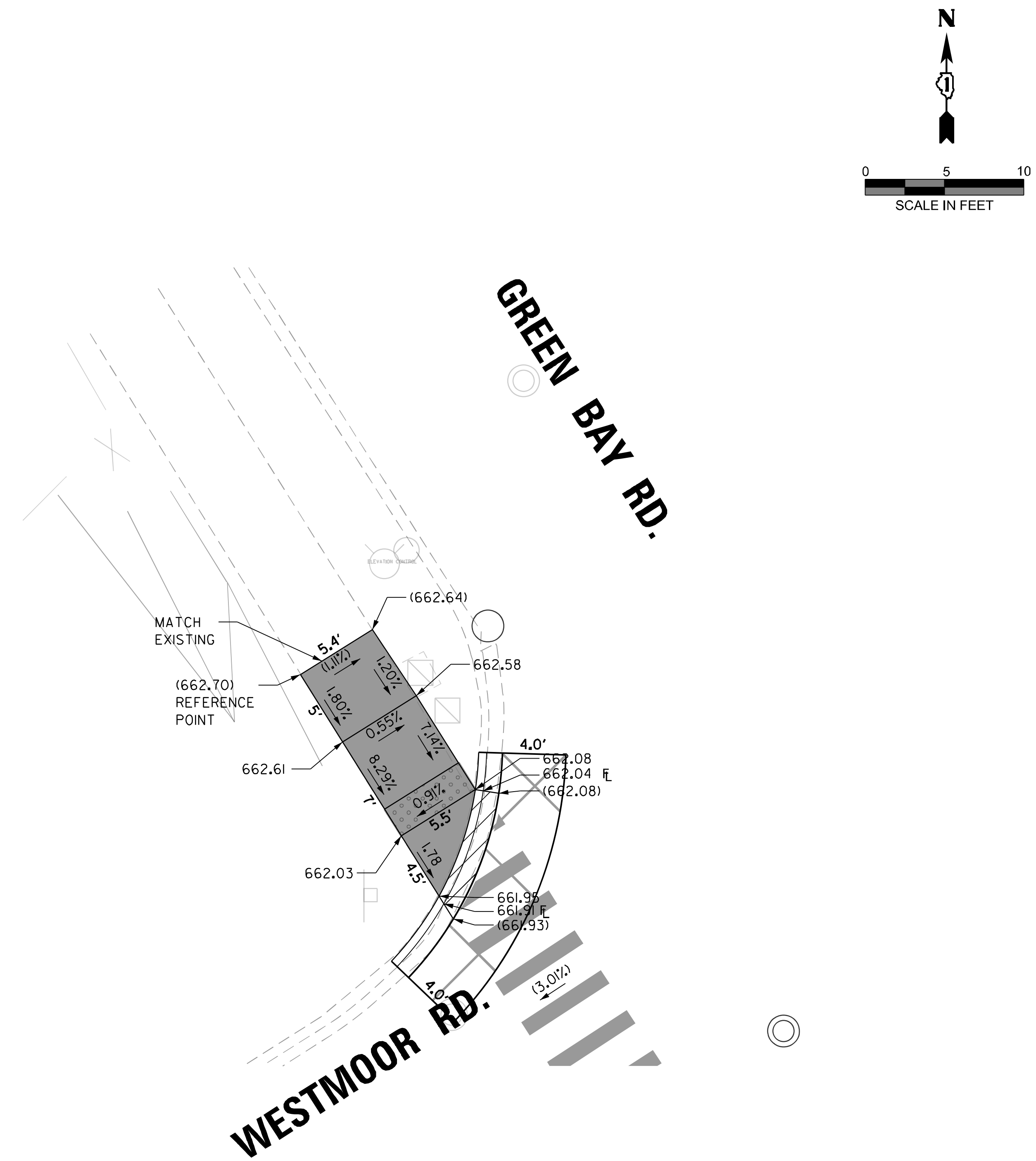
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	53

CONTRACT NO. 62W73

ILLINOIS | FED. AID PROJECT



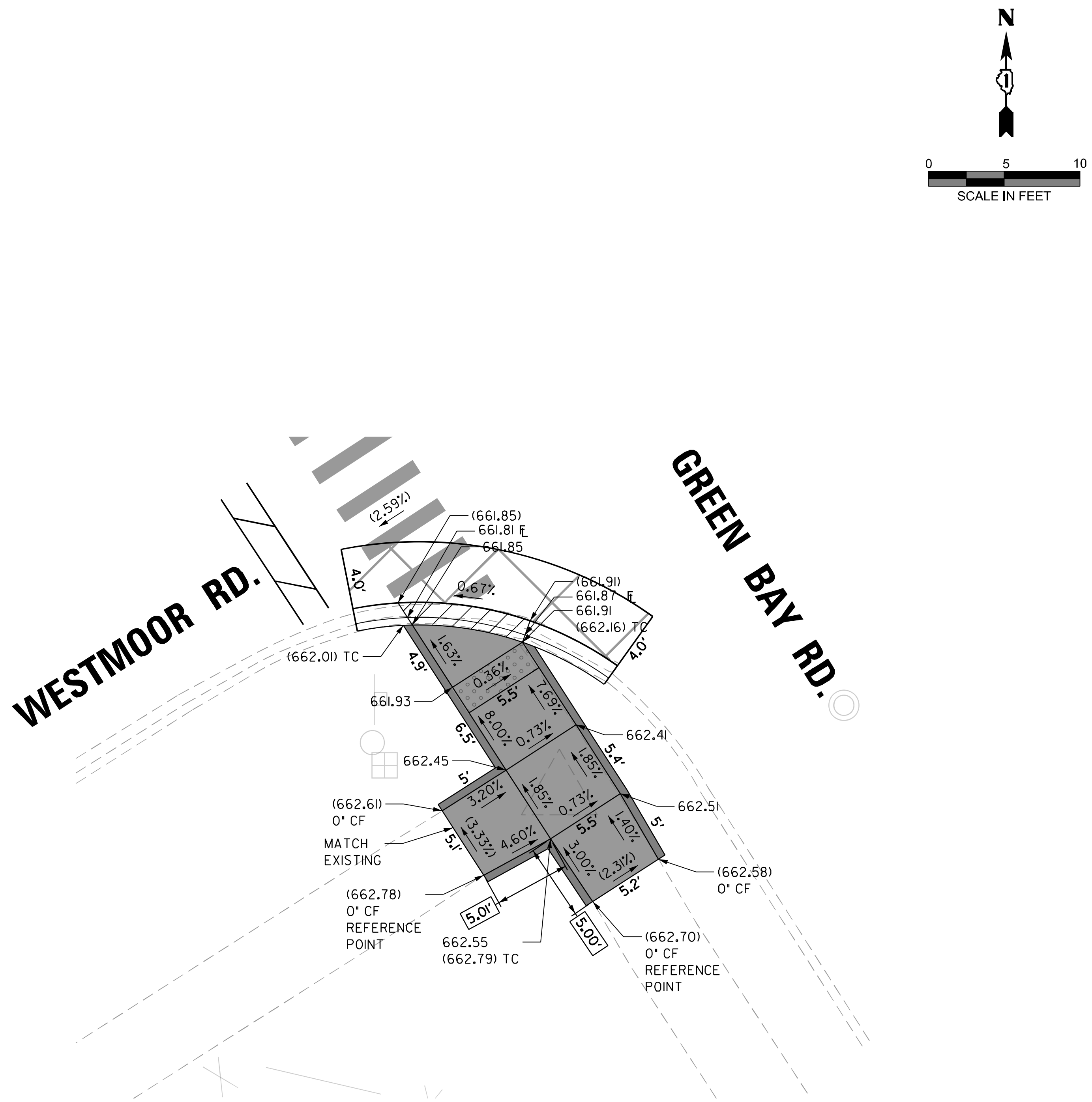
GREEN BAY RD AND SPRUCE ST - SW ADA PLAN



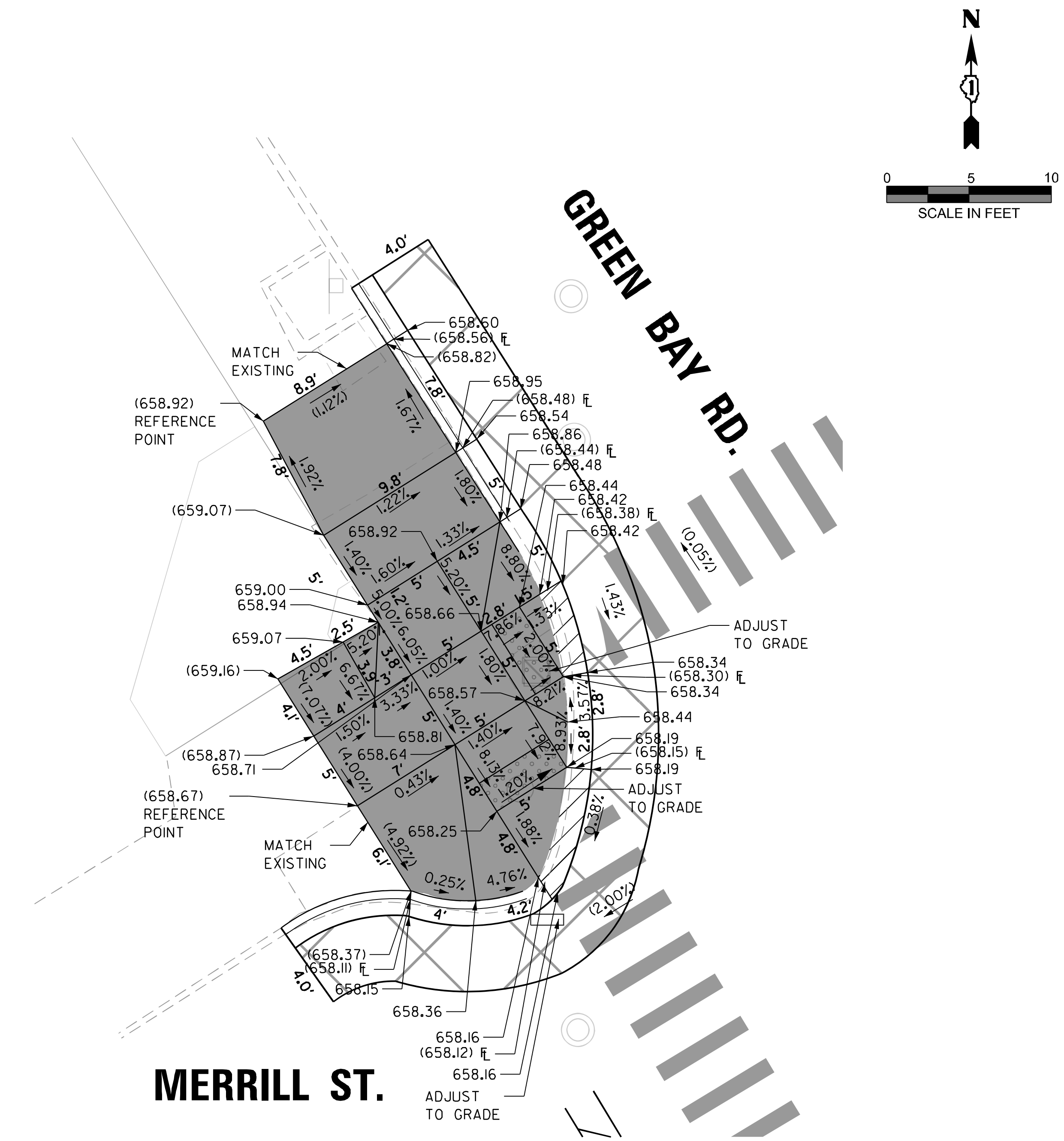
GREEN BAY RD AND WESTMOOR RD - NW ADA PLAN

LEGEND

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



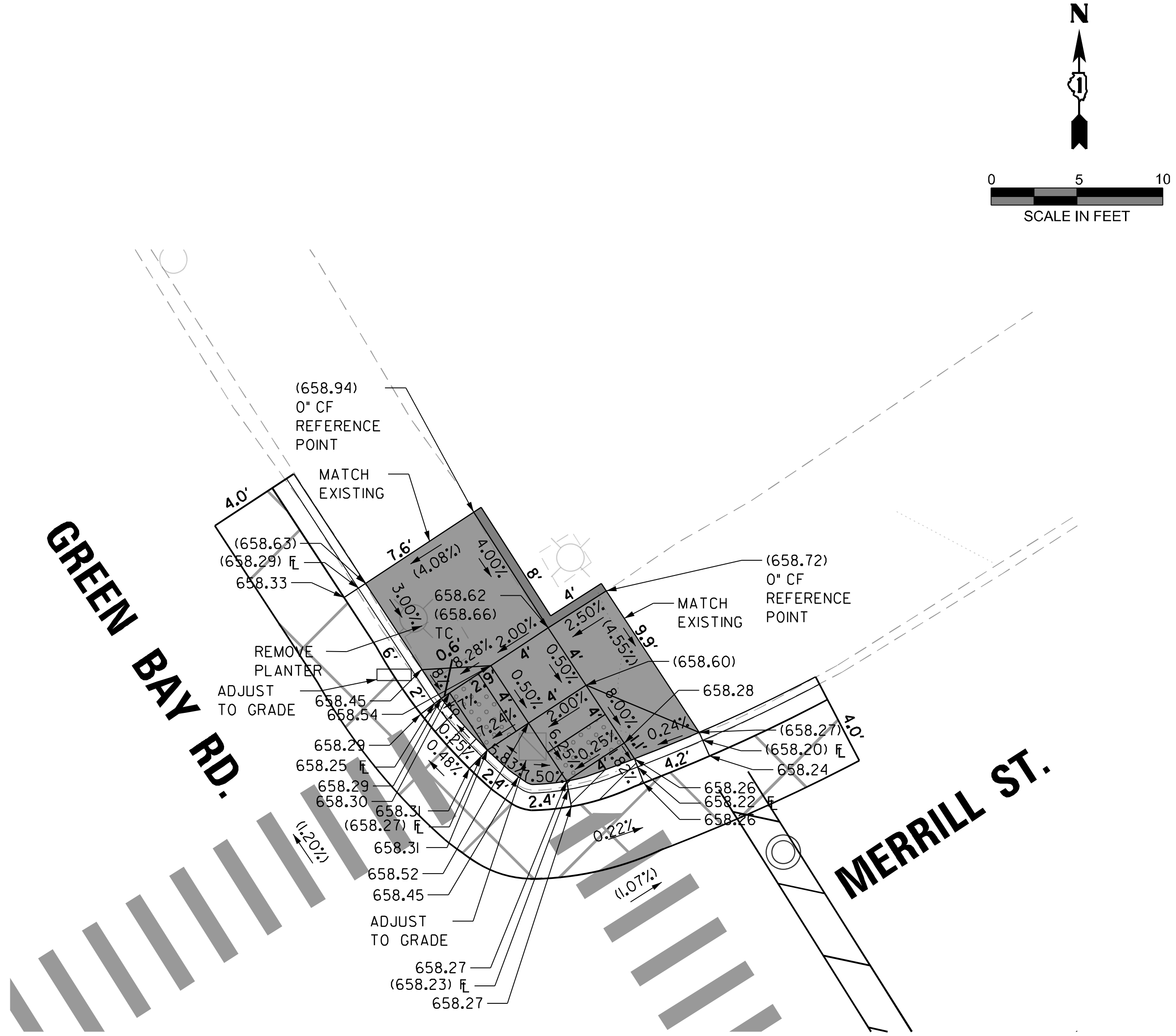
GREEN BAY RD AND WESTMOOR RD - SW ADA PLAN



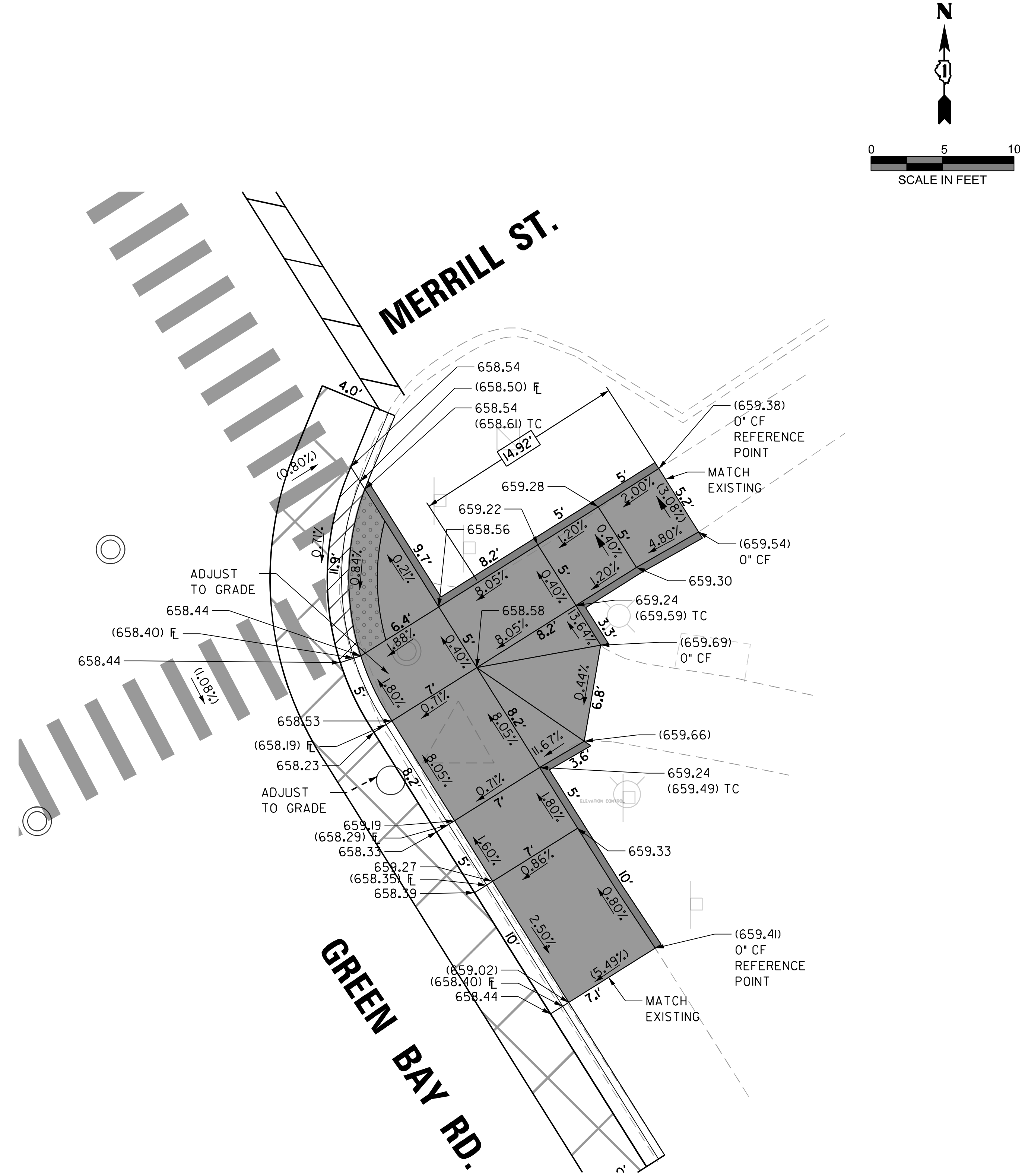
GREEN BAY RD AND MERRILL ST - NW ADA PLAN

LEGEND

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



GREEN BAY RD AND MERRILL ST - NE ADA PLAN



GREEN BAY RD AND MERRILL ST - SE ADA PLAN

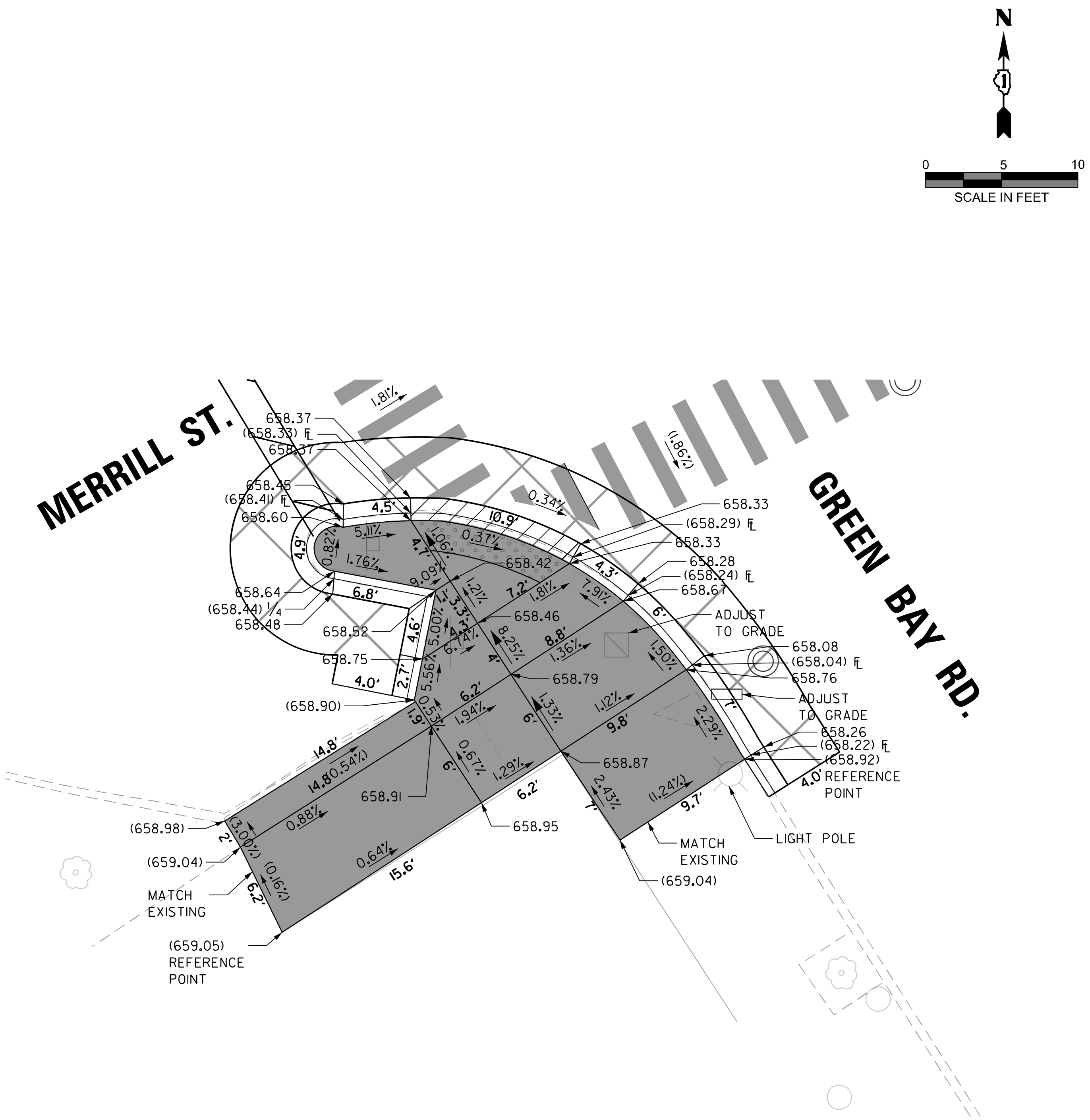
LEGEND

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

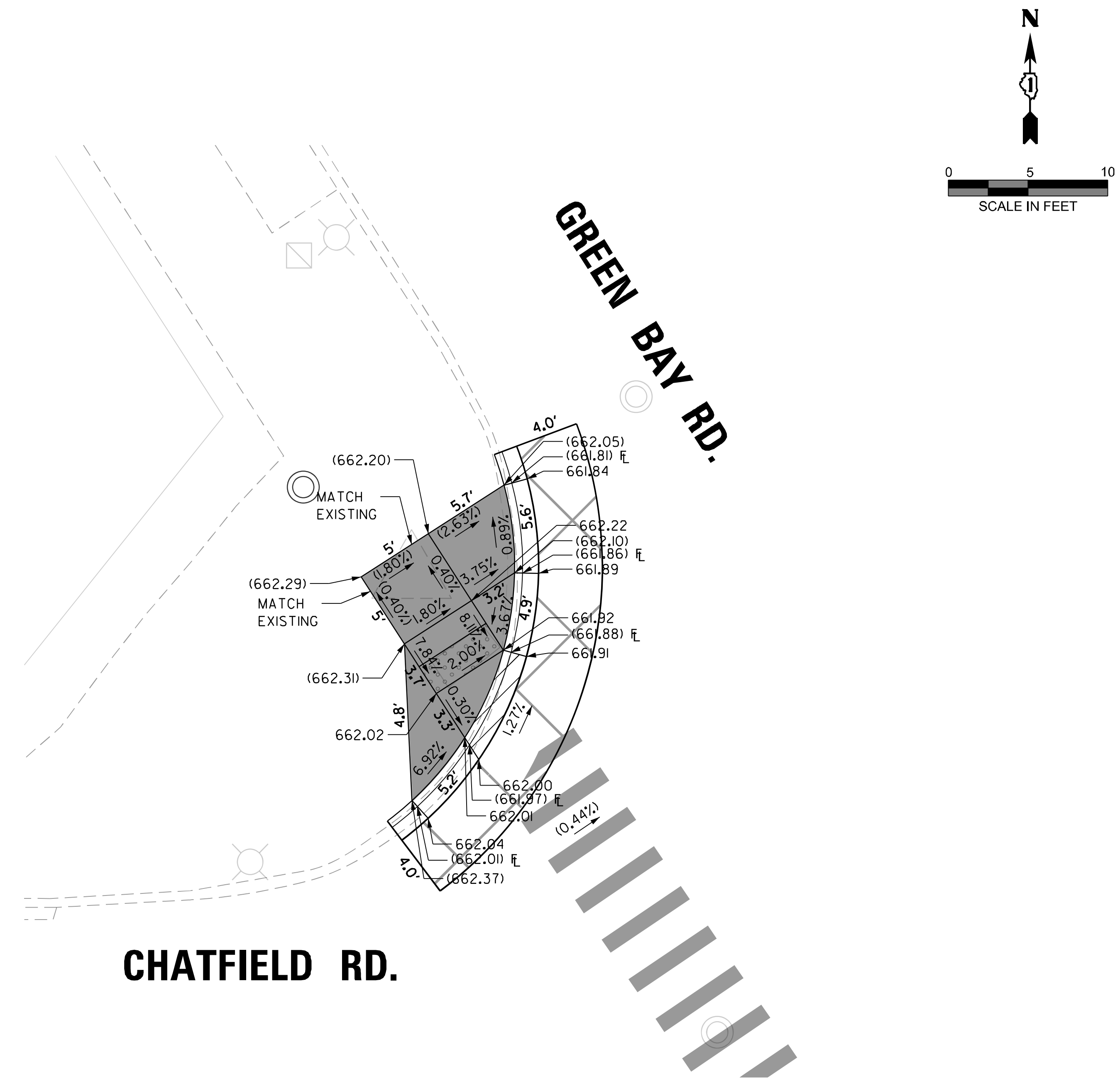
MODEL: General Notes Sheet
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjectsWO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada26.dgn

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = kcortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS SIDEWALK DETAIL PLAN
		DRAWN -	REVISED -		
		CHECKED -	REVISED -		
	PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -		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	56
		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 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ada27.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 -

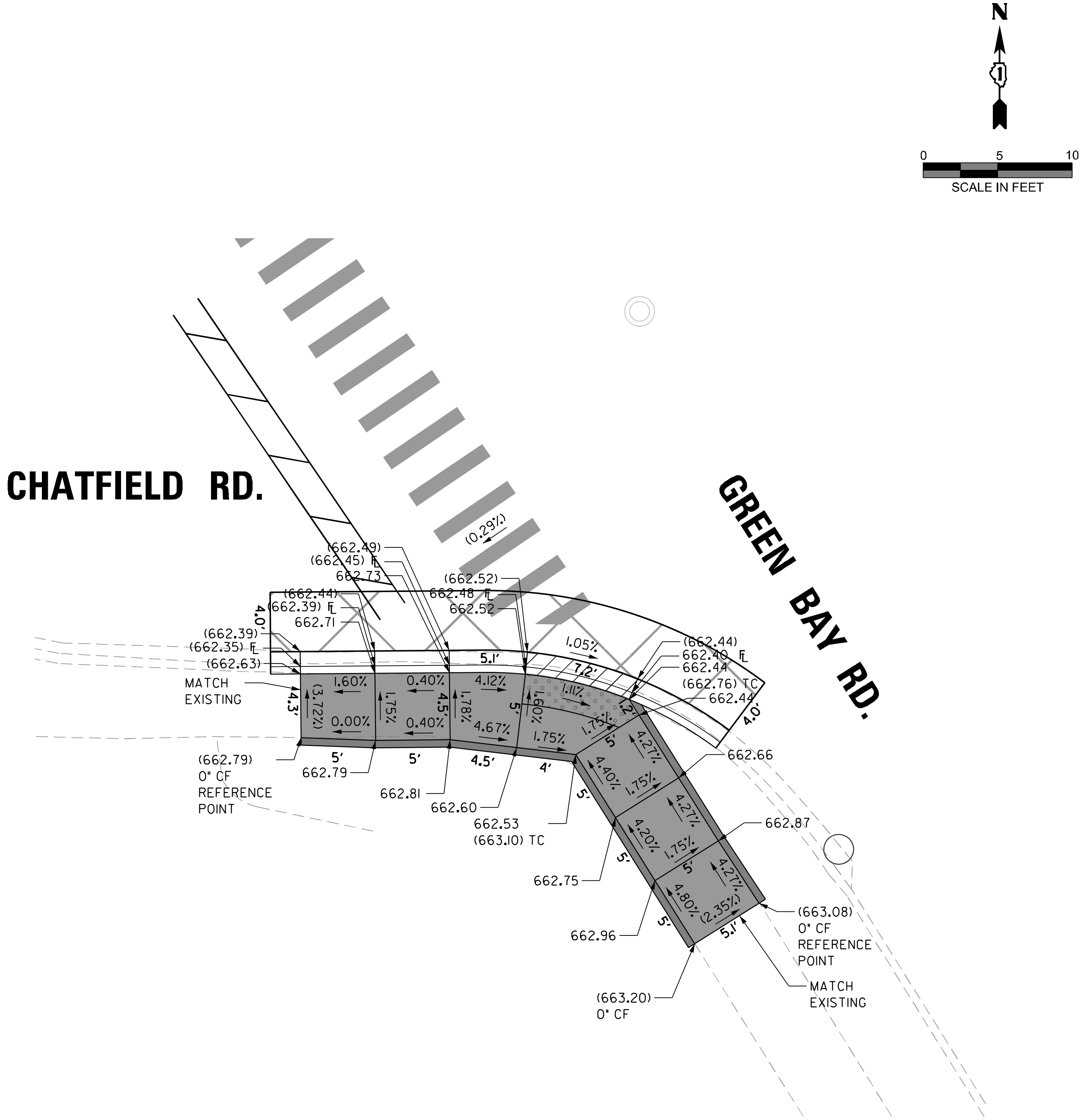
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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 CHATFIELD RD - SW ADA PLAN

LEGEND

( ) EX. ELEVATION / SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL

DEPRESSED CURB AND GUTTER

PROPOSED SIDE CURB

PAVEMENT PATCHING

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	ECC	CC
MASTER CONTROLLER	EMC	MC
MASTER MASTER CONTROLLER	EMMC	MMC
UNINTERRUPTABLE POWER SUPPLY		
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
TELEPHONE CONNECTION	ET	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD OPTICALLY PROGRAMMED	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H H	H H
DOUBLE HANDHOLE		
JUNCTION BOX		
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET		
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVE ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P P	P P
SAMPLING (SYSTEM) DETECTOR	S S	S S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS IS	IS IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS QS	QS QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	R Y G Y G R Y G Y G P	R Y G Y G R Y G Y G P
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	R Y G Y G P RB	R Y G Y G P RB
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C D	C D
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED	5	5
GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1#6	1#6
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	1
COAXIAL CABLE	C	C
VENDOR CABLE	V	V
COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	6#18
FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	12F 24F 36F	12F 24F 36F
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

TS SHT NO. 1

MODEL: Default
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PLOT DATE = 3/4/2019	DATE - 9/29/2016	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	59

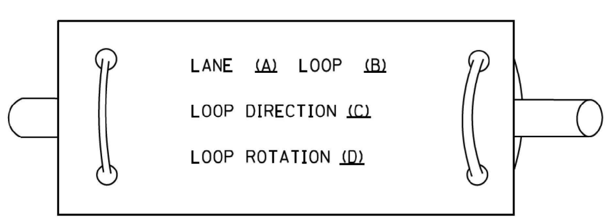
TS-05 | CONTRACT NO. 62W73
ILLINOIS | FED. AID PROJECT

ts05.dgn 3/4/2019 11:21:59 AM User=footemj

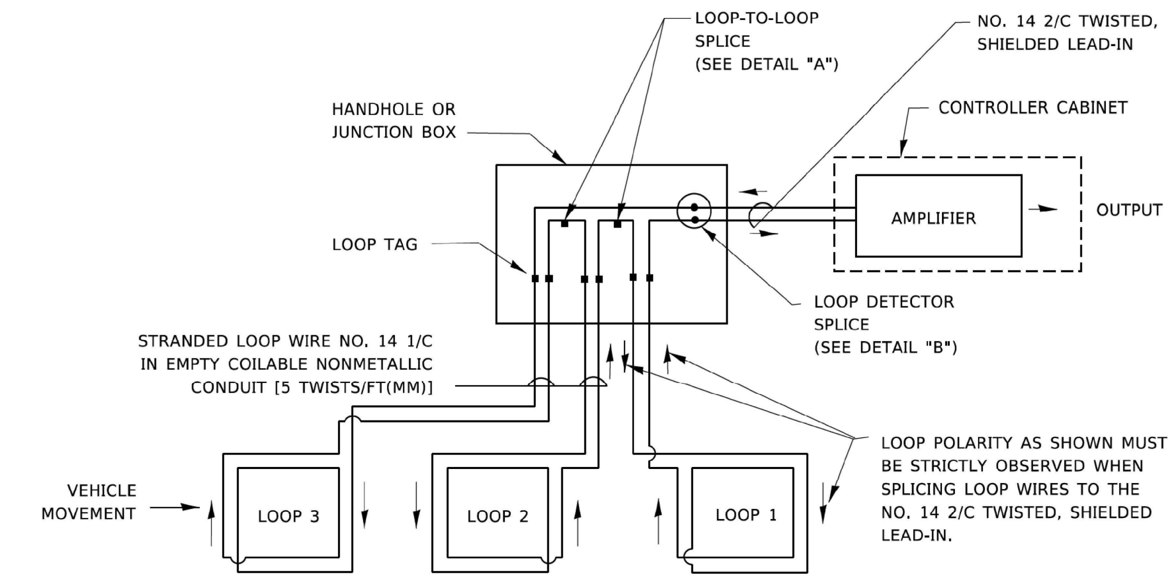
LOOP DETECTOR NOTES

1. 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.
2. 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.
3. 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.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. 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.
6. 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.
7. 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

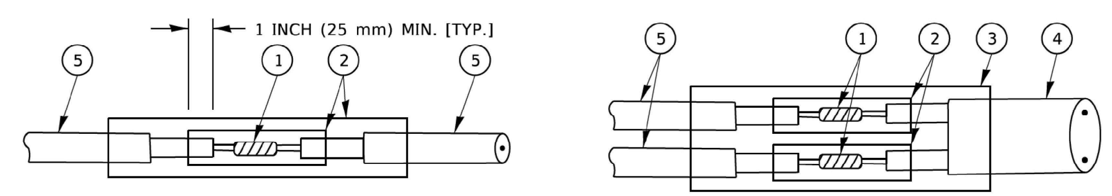


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



DETECTOR LOOP WIRING SCHEMATIC

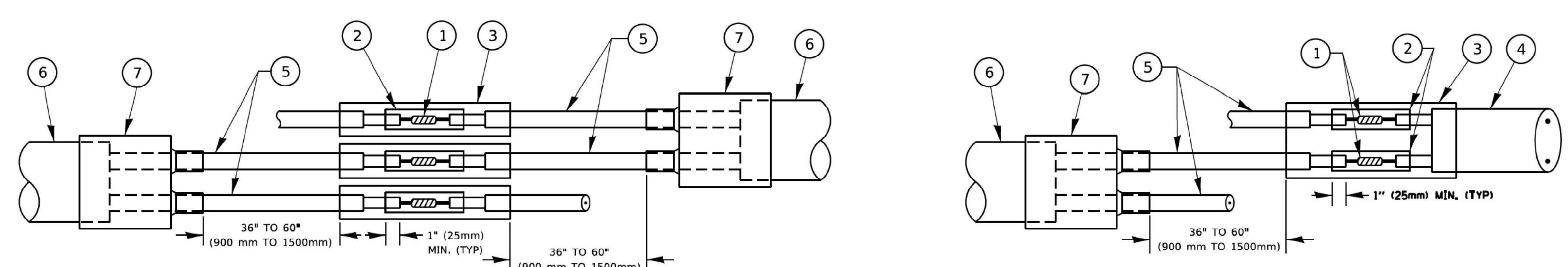
- LOOPS SHALL BE SPLICED IN SERIES.
  SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



DETAIL "A"
LOOP-TO-LOOP SPLICE

DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE–FORMED LOOP

DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

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

TS SHT NO. 2

MODEL: Default
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	DRAWN -	REVISED -		
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED -		
PLOT DATE = 3/4/2019	DATE -	REVISED -		SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	60
	TS–05	CONTRACT NO. 62W73		
		ILLINOIS FED. AID PROJECT		

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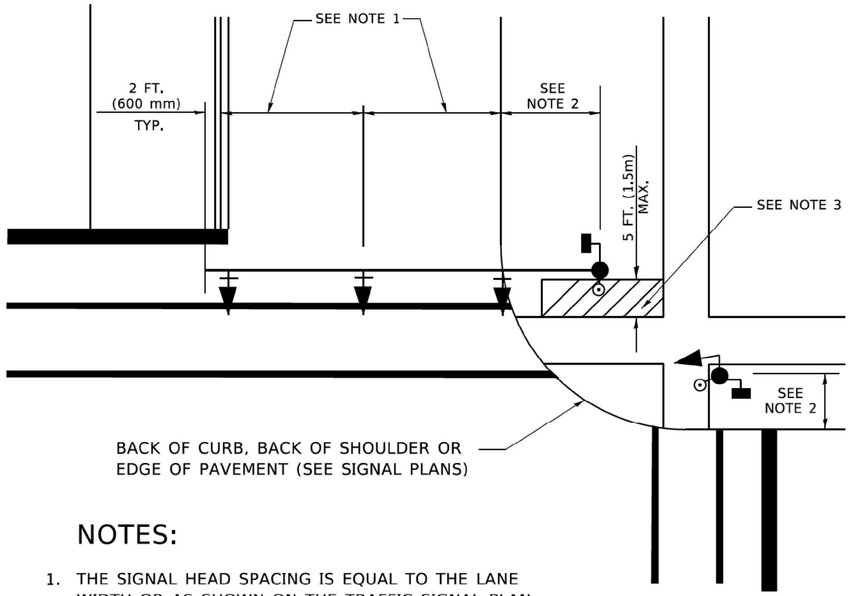
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

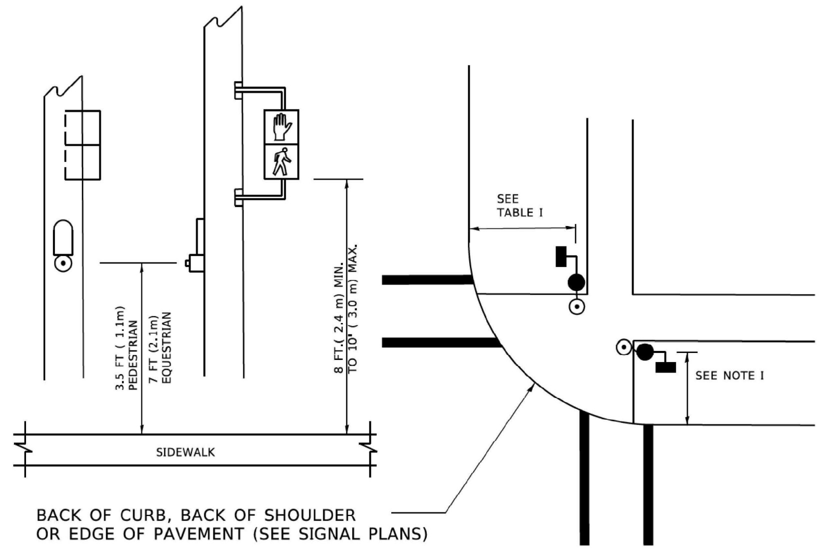
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

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

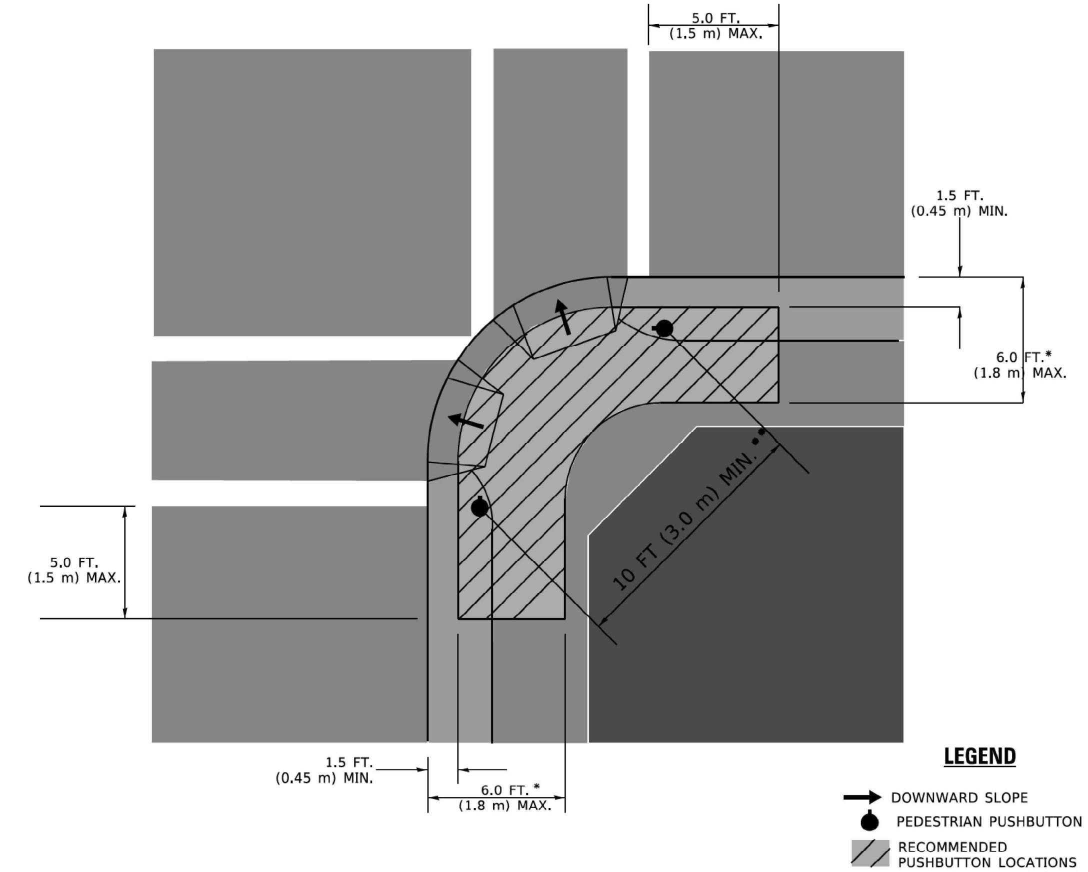
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

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

RECOMMENDED PUSHBUTTON LOCATIONS



* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

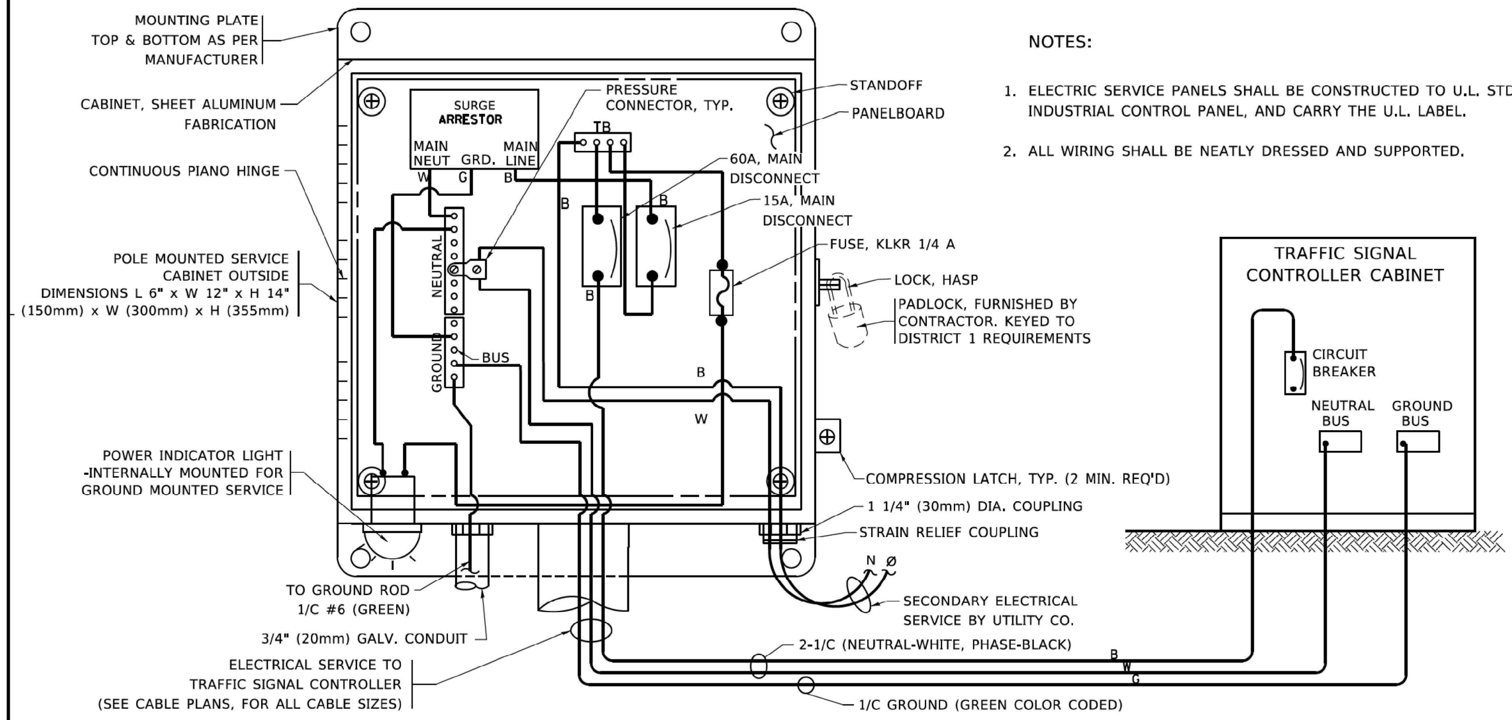
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM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

TRAFFIC SIGNAL EQUIPMENT OFFSET

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

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE 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.



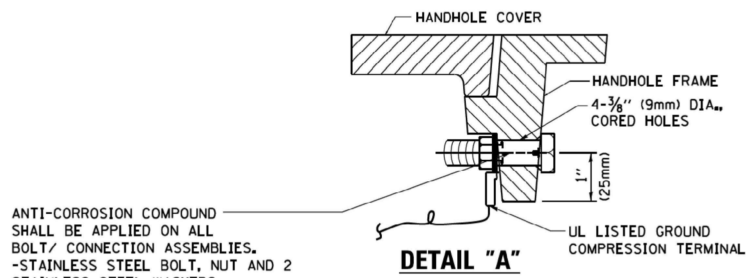
NOTES:

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.

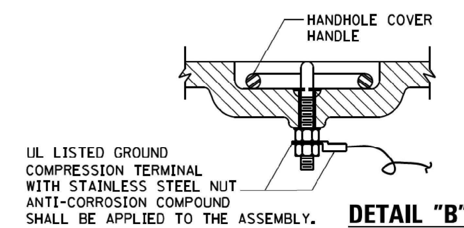
ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

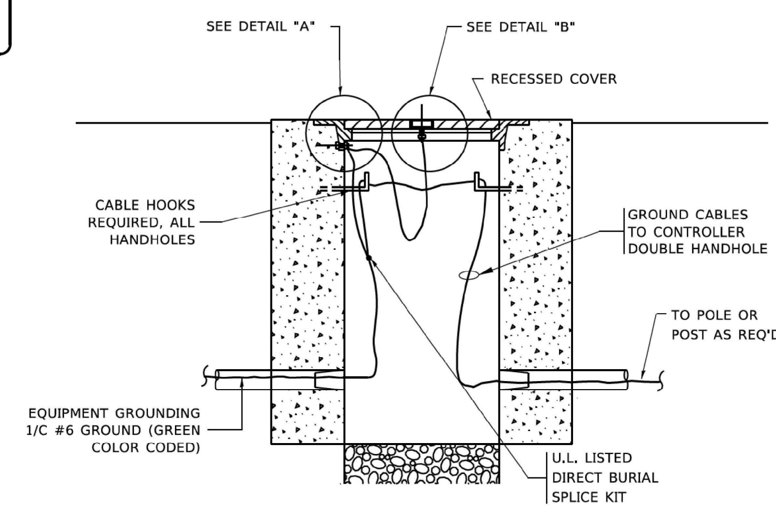
(NOT TO SCALE)



DETAIL "A"



DETAIL "B"



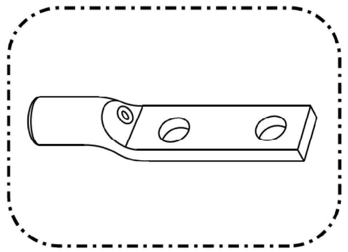
HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)

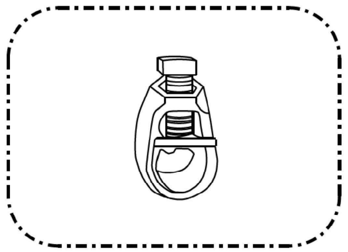
NOTES:

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.



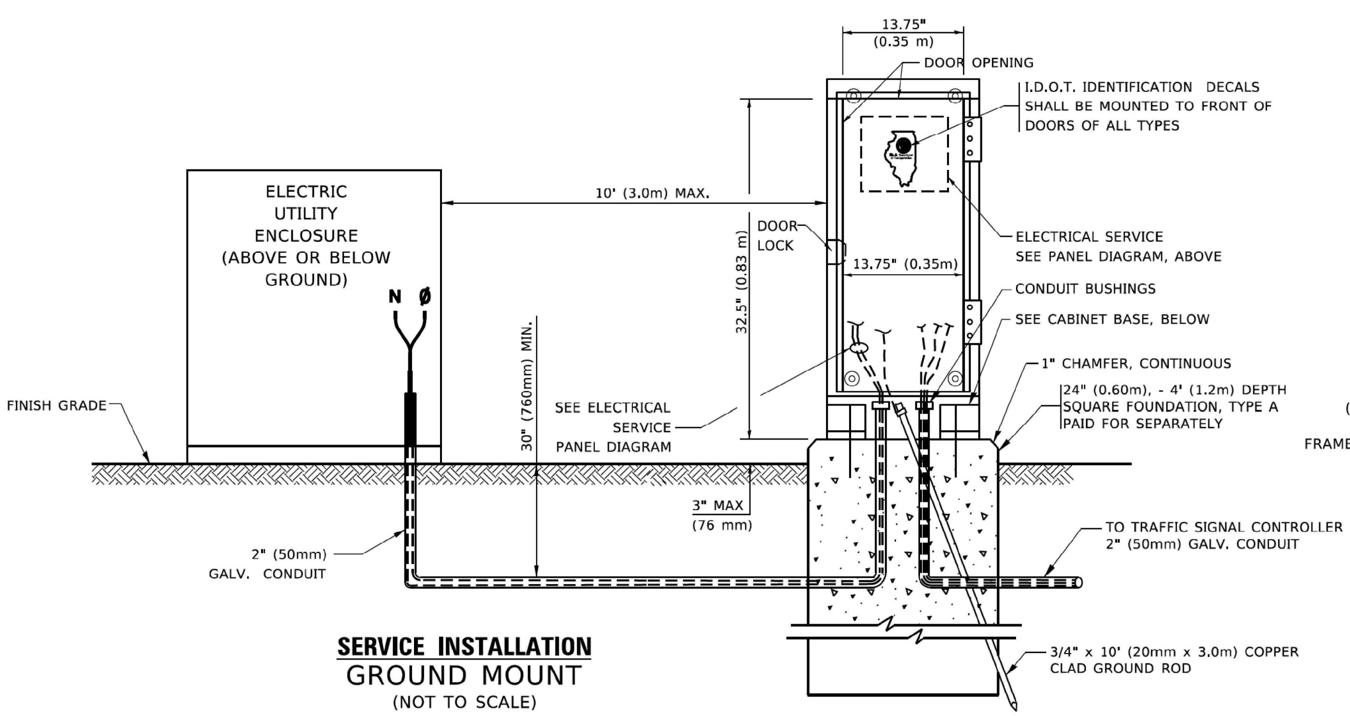
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

NOTES:

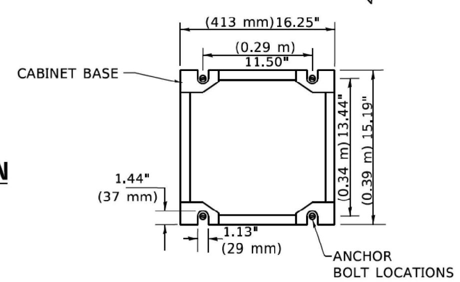
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



SERVICE INSTALLATION

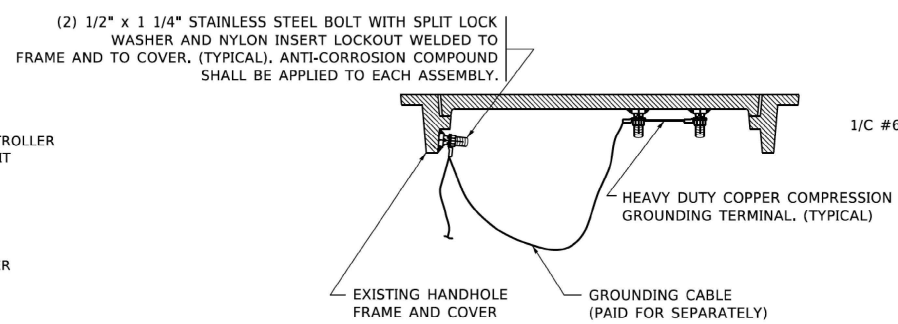
GROUND MOUNT

(NOT TO SCALE)



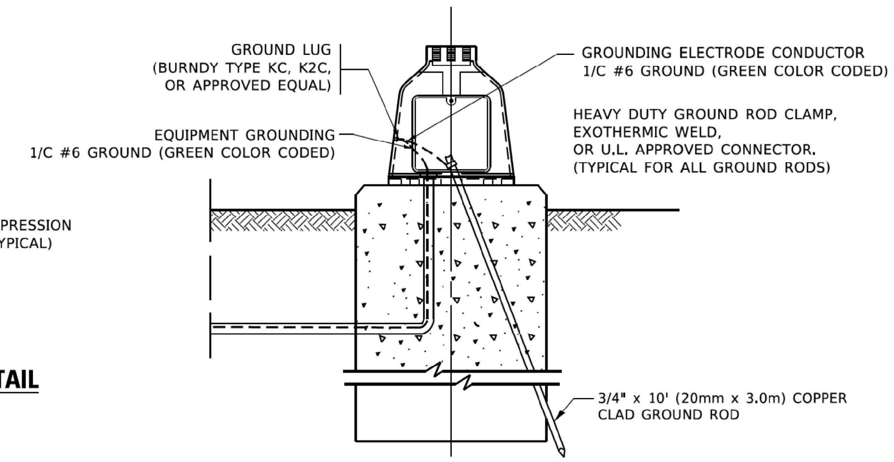
CABINET – BASE BOLT PATTERN

(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



MAST ARM POLE /POST–GROUNDING DETAIL

(NOT TO SCALE)

TS SHT NO. 4

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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.
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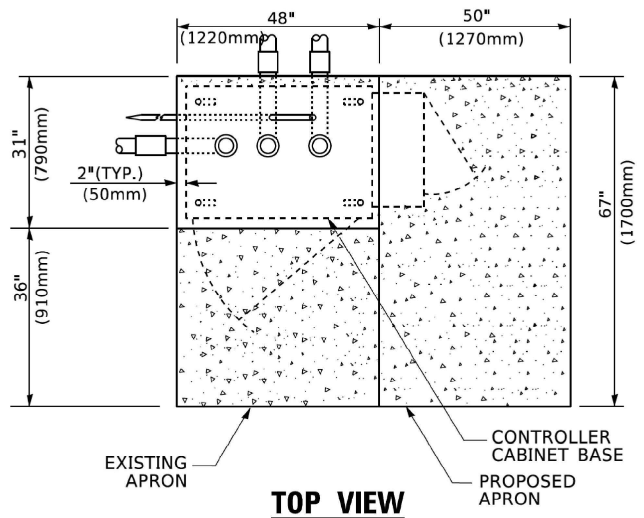
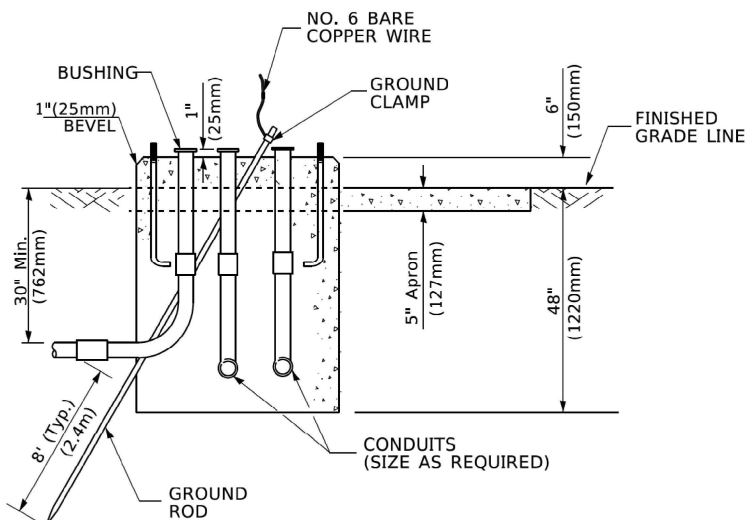
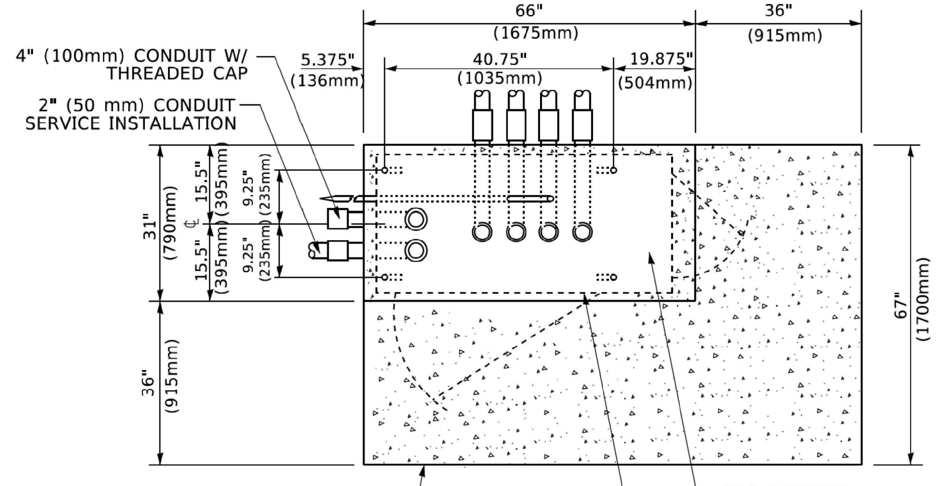
	TS-05	CONTRACT NO. 62W73		
		ILLINOIS FED. AID PROJECT		



TOP VIEW



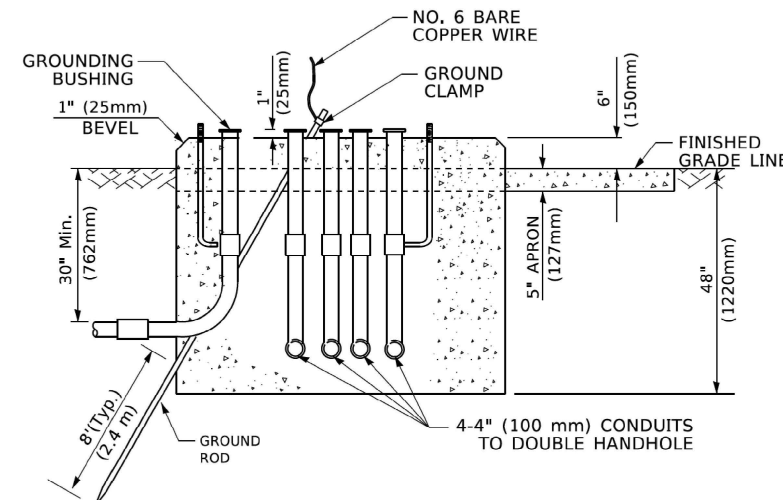
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



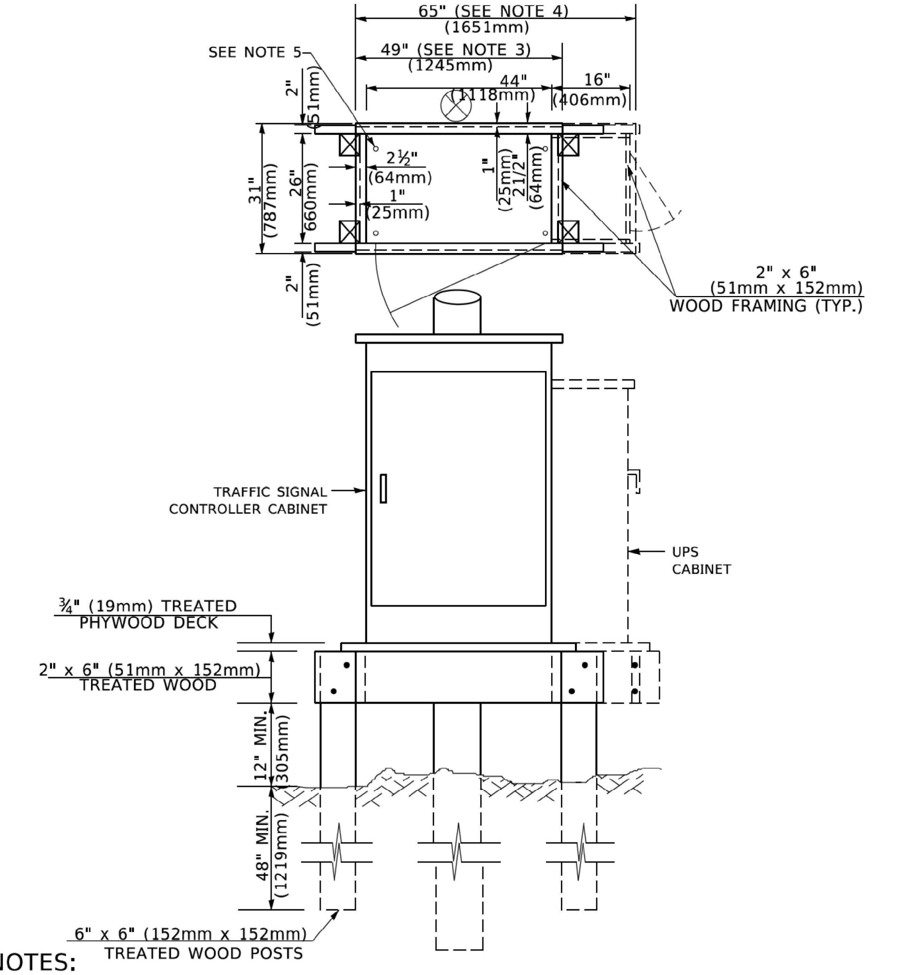
TOP VIEW

NOTE:

TOP OF FOUNDATION SHALL
BE HIGHER THAN TOP OF
DOUBLE HANDHOLE



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



NOTES:

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

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

Mast Arm Length	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)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

TS SHT NO. 5

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	63
	TS-05	CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

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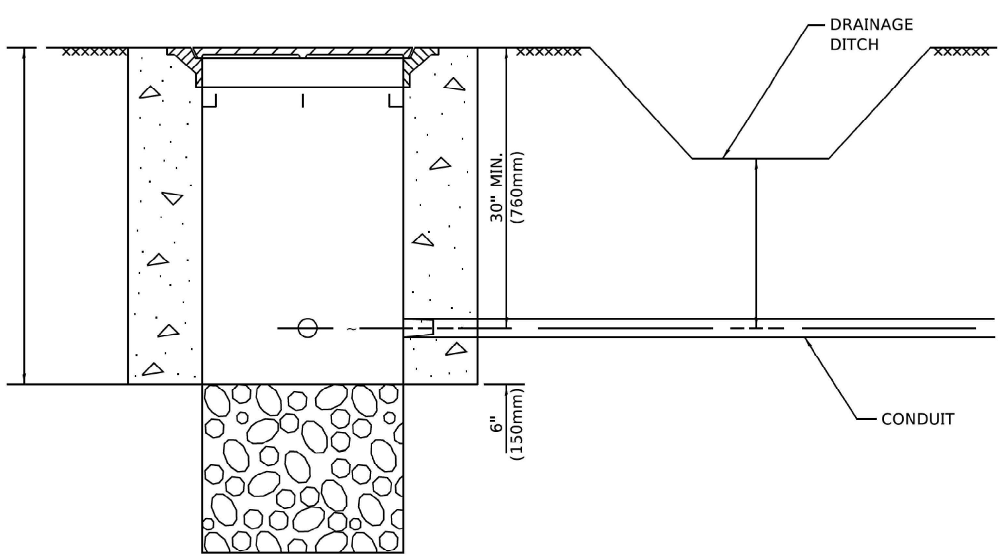
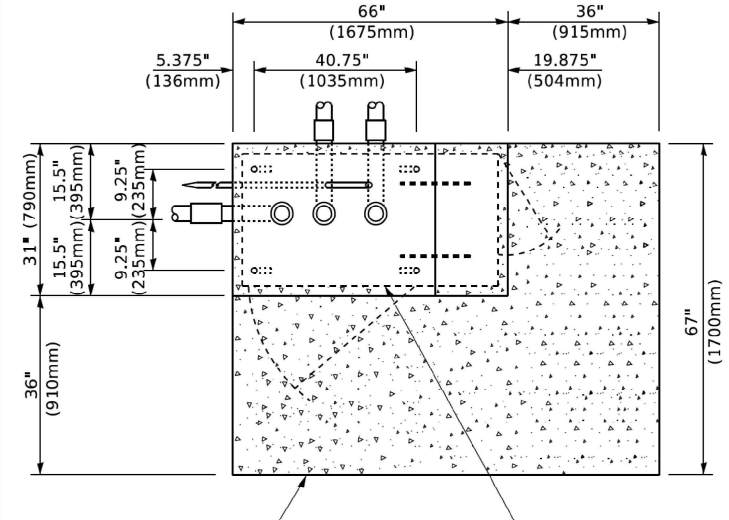


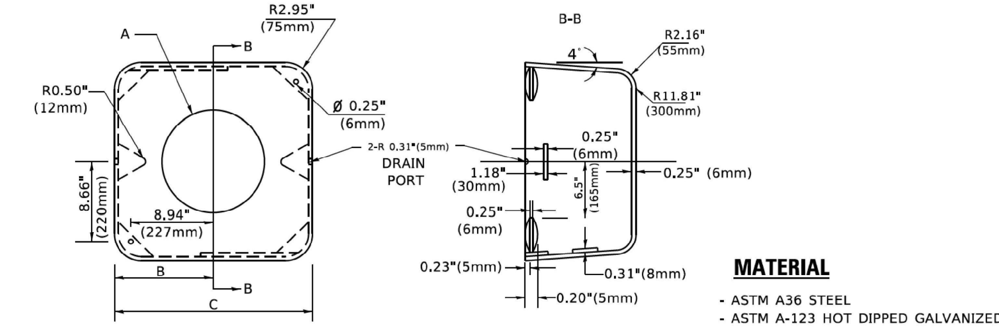
NOTES:

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

HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



TOP VIEW
(NOT TO SCALE)



MATERIAL

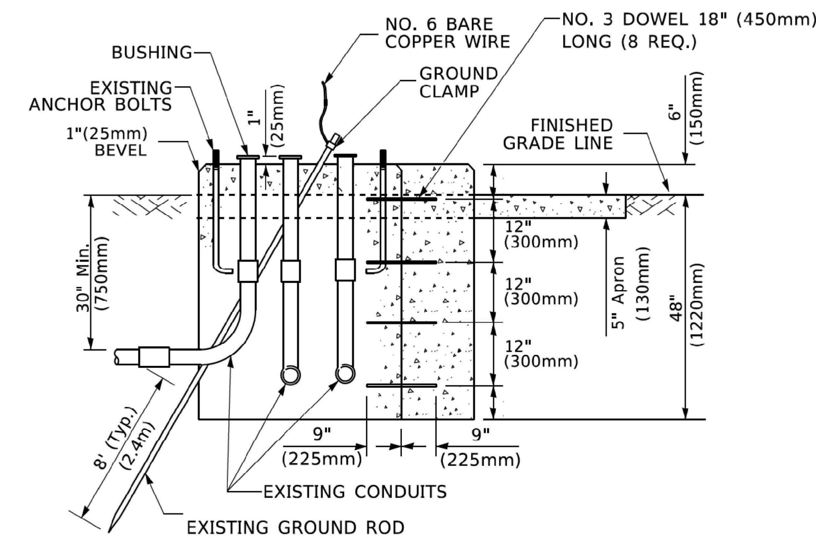
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

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

SHROUD

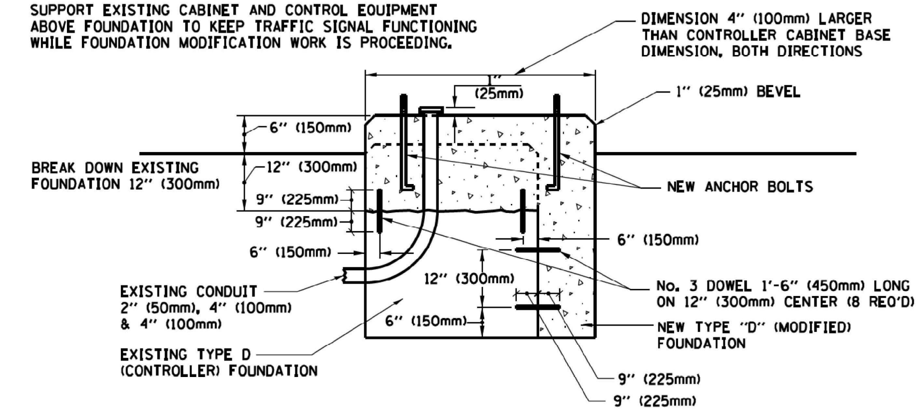
NOTES:

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

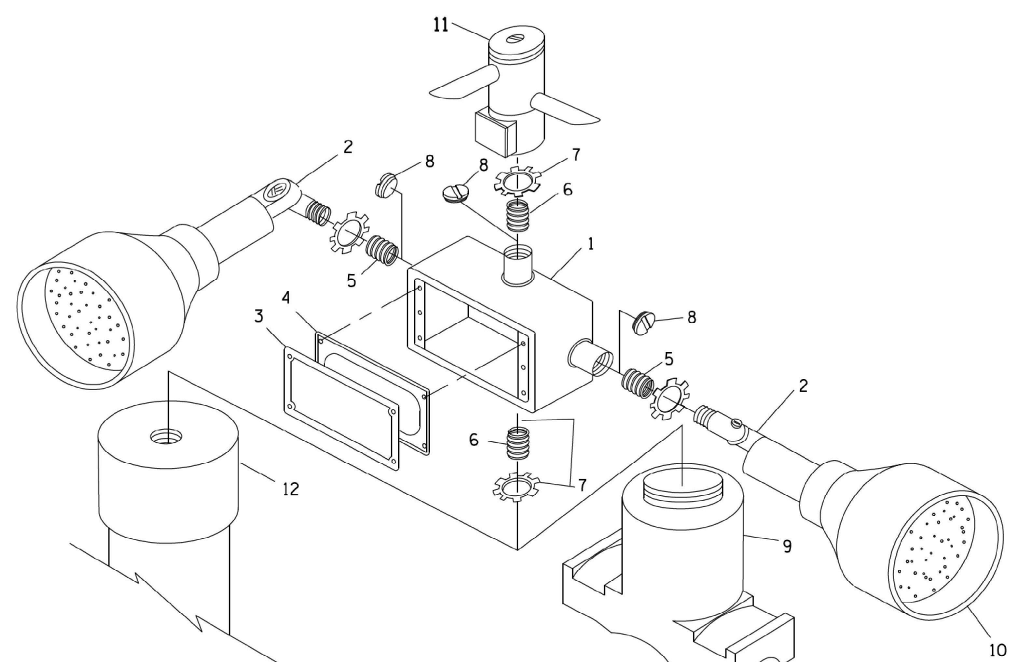


MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

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



MODIFY EXISTING TYPE "D" FOUNDATION



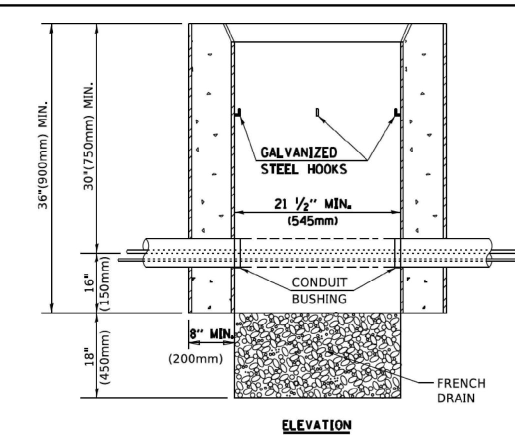
POST CAP MOUNT **MAST ARM MOUNT**

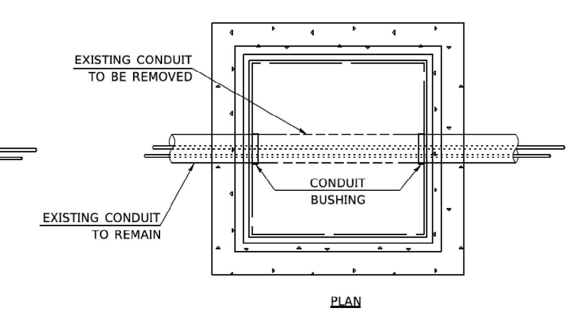
EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

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





NOTES:

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

HANDHOLE TO INTERCEPT EXISTING CONDUIT

TS SHT NO. 6

USER NAME = footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

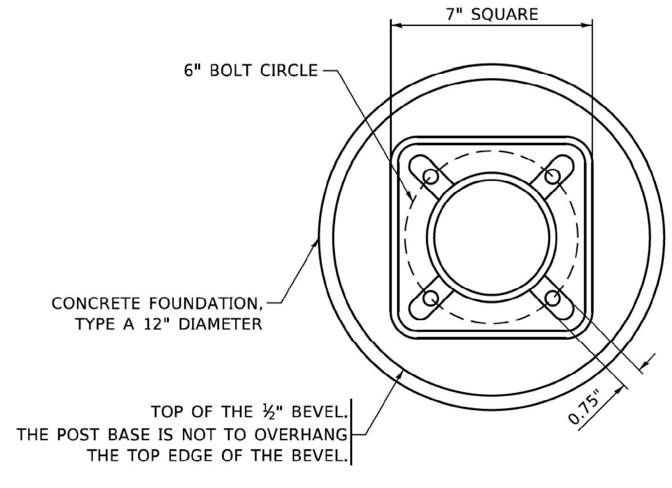
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	64

TS-05 CONTRACT NO. 62W73

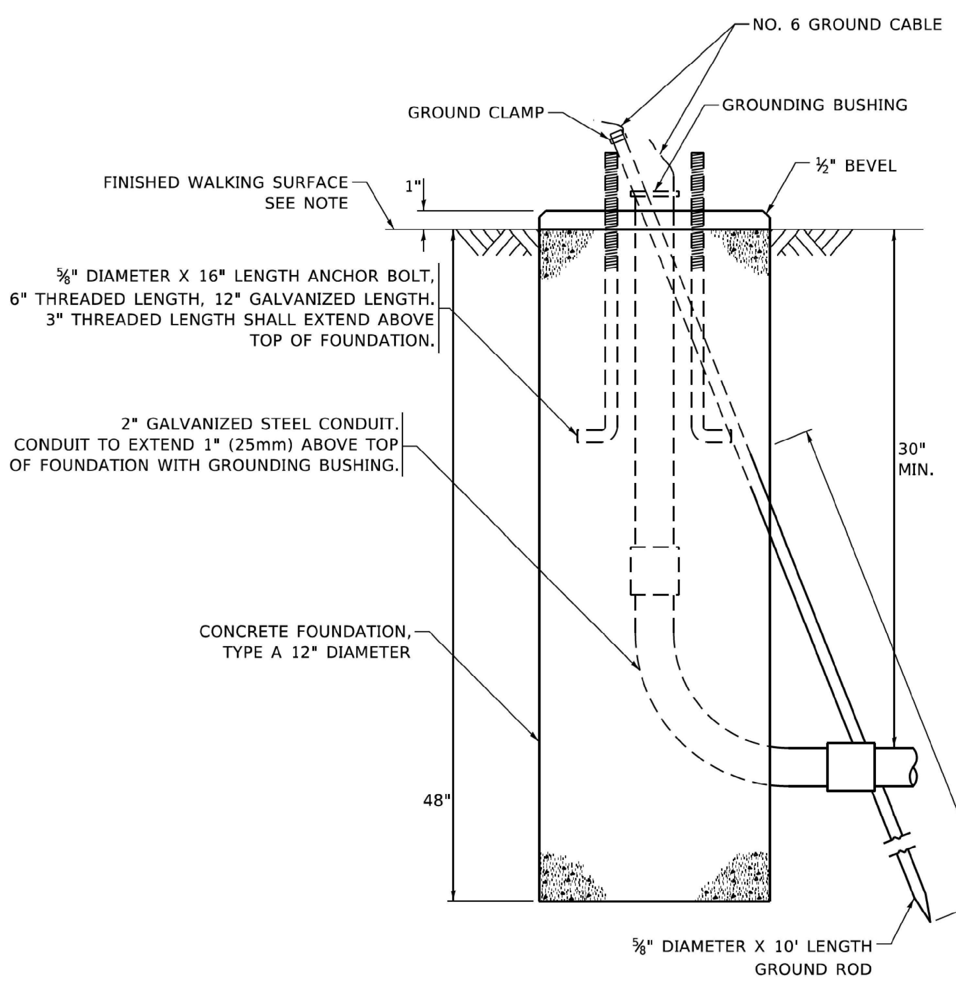
ILLINOIS FED. AID PROJECT



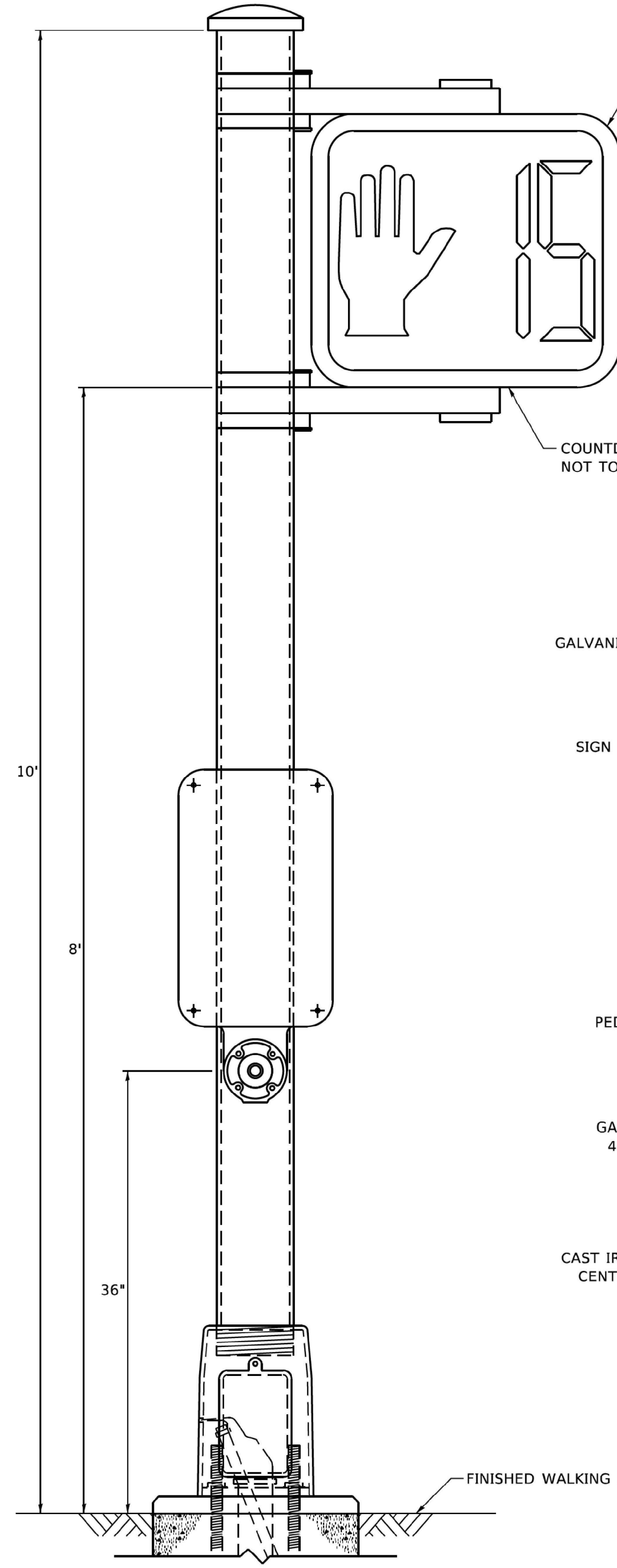
BOLT PATTERN

NOTE:

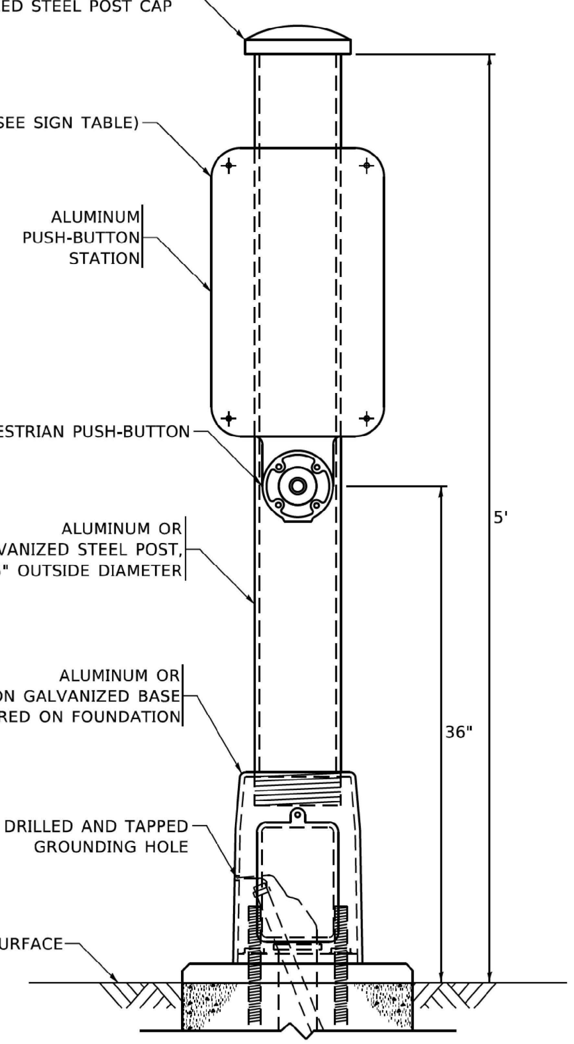
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



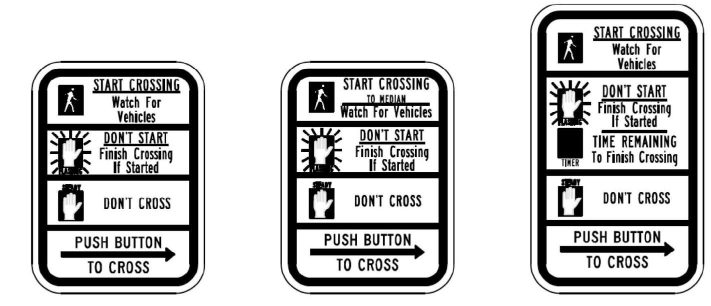
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



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.

TS SHT NO. 7

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PLOT DATE = 11/23/2020	DATE - 10-15-2018	REVISED -	

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

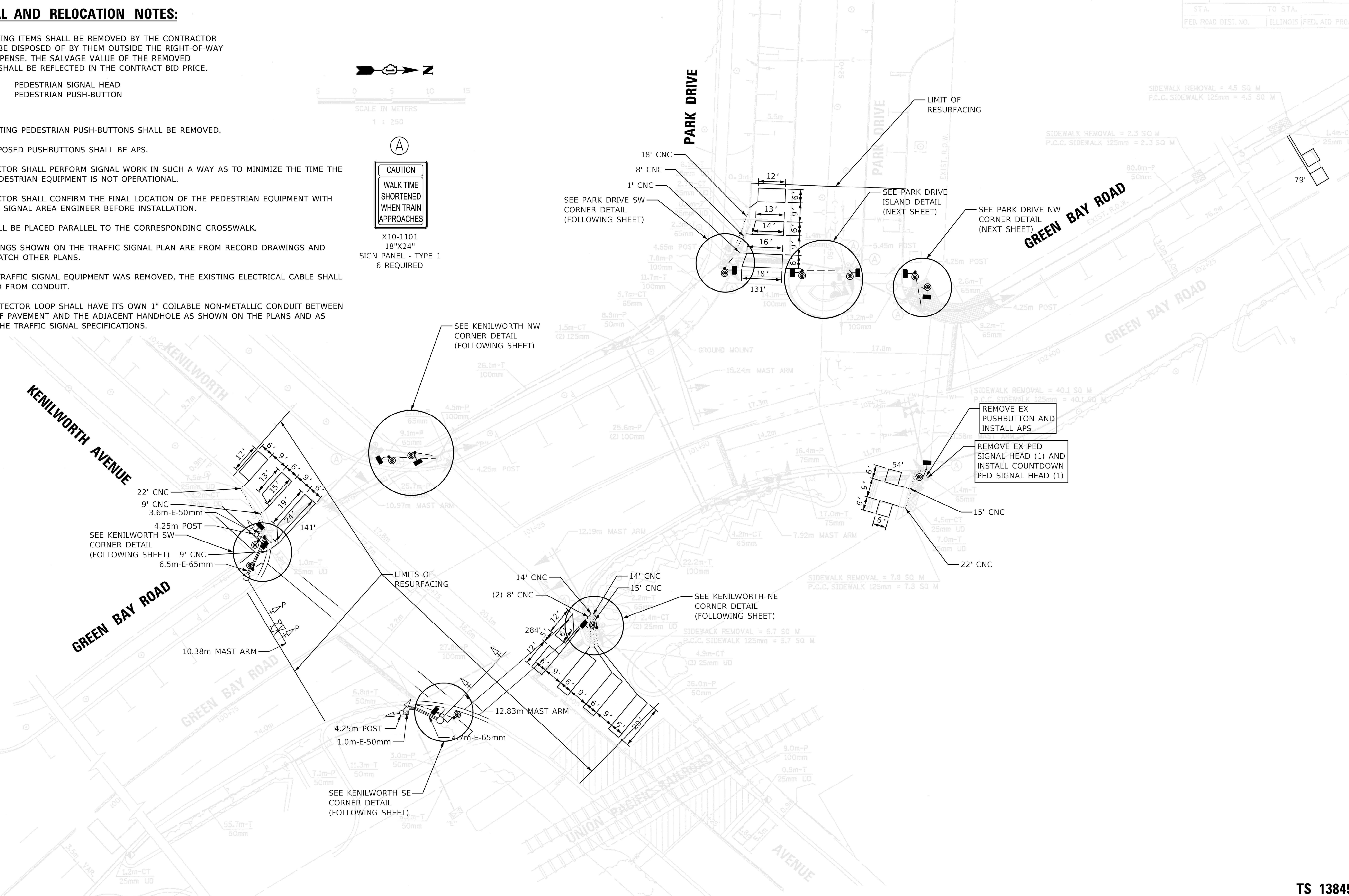
NOTES:

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.

A

CAUTION
WALK TIME SHORTENED WHEN TRAIN APPROACHES

X10-1101
18"X24"
SIGN PANEL - TYPE 1
6 REQUIRED



TS 13845

TS SHT NO. 08

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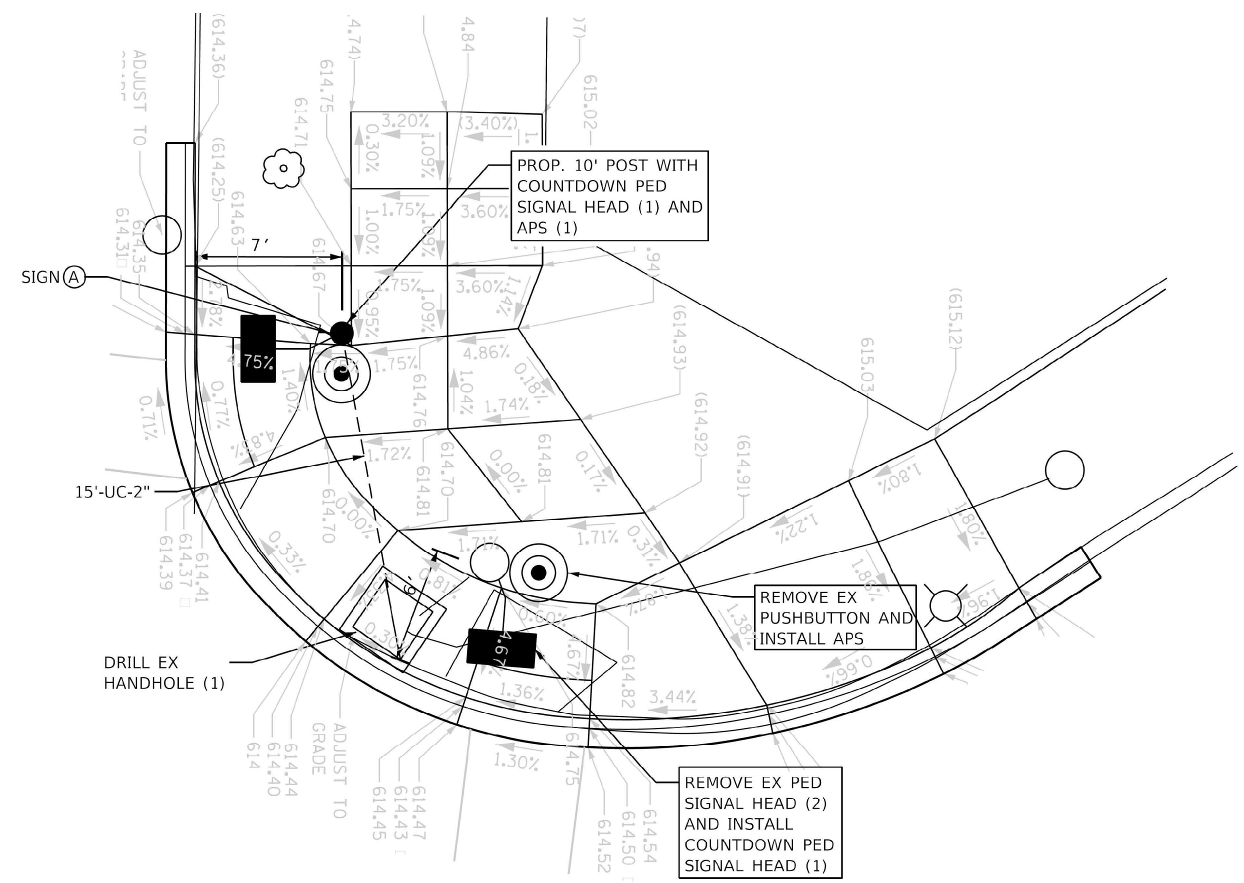
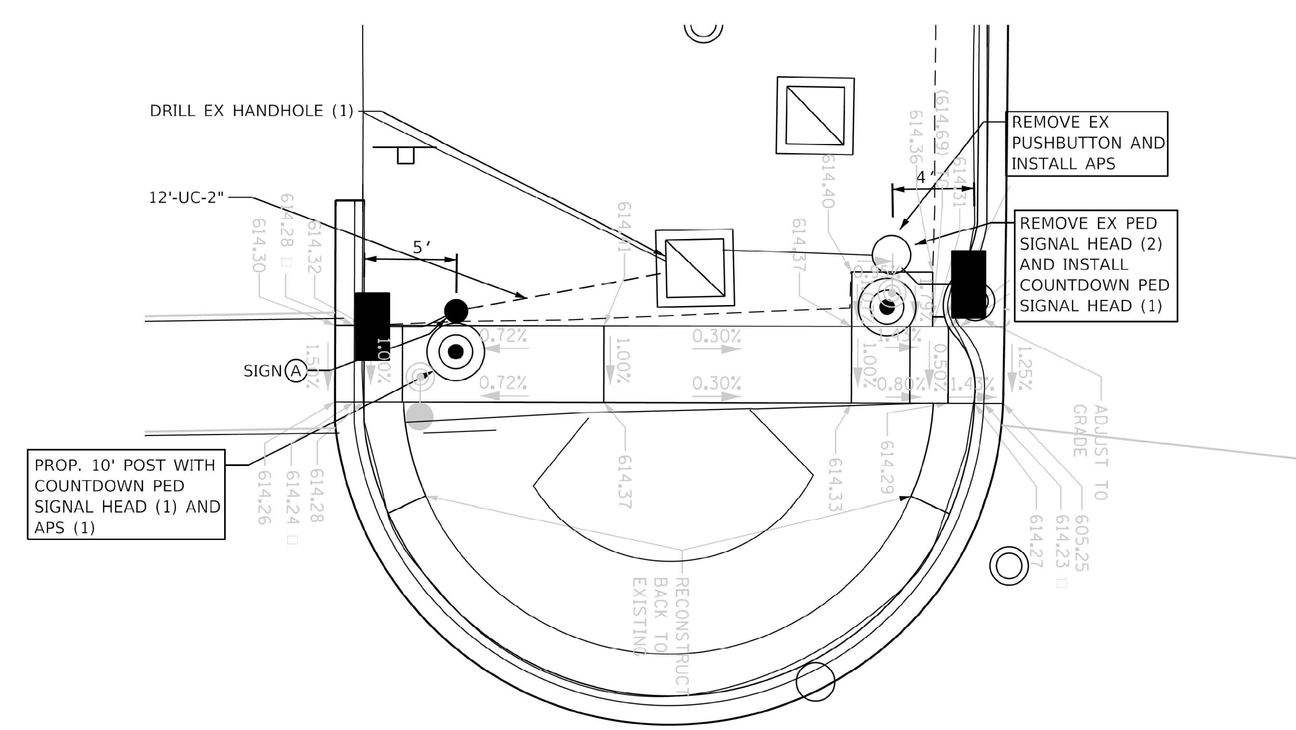
AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Srahman	DESIGNED - TM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 5) GREEN BAY ROAD AND KENILWORTH AVENUE GREEN BAY ROAD AND PARK DRIVE		
		DRAWN - TM	REVISED -				
	PLOT SCALE = 39.9984 ' / in.	CHECKED - AS	REVISED -				
	PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -		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		

PARK DRIVE NW CORNER DETAIL, 1" = 5'



PARK DRIVE ISLAND DETAIL, 1" = 5'



TS 13845

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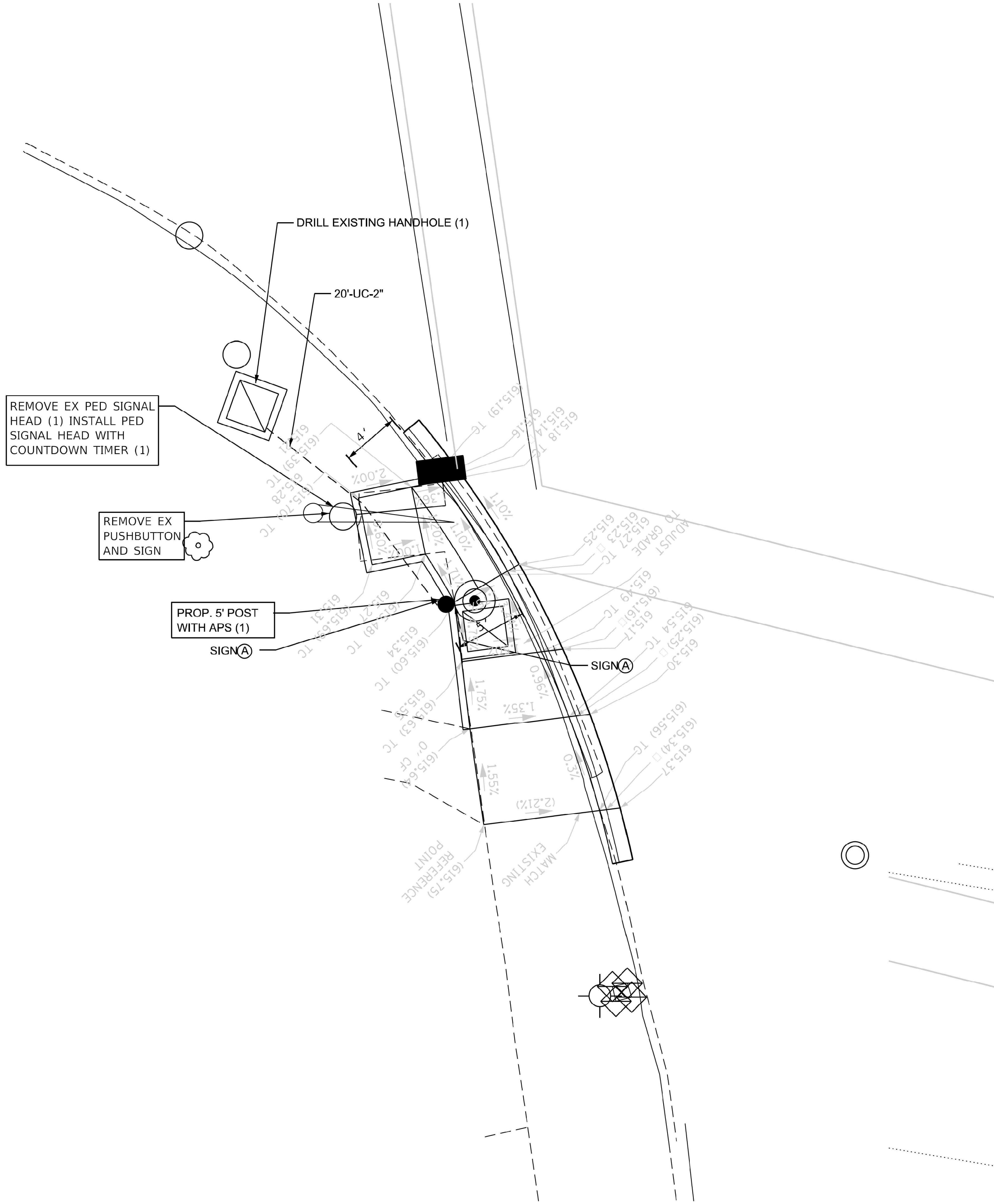
	DRAWN - TM	REVISED -	
PLOT SCALE = 39.9984 ' / In.	CHECKED - AS	REVISED -	
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

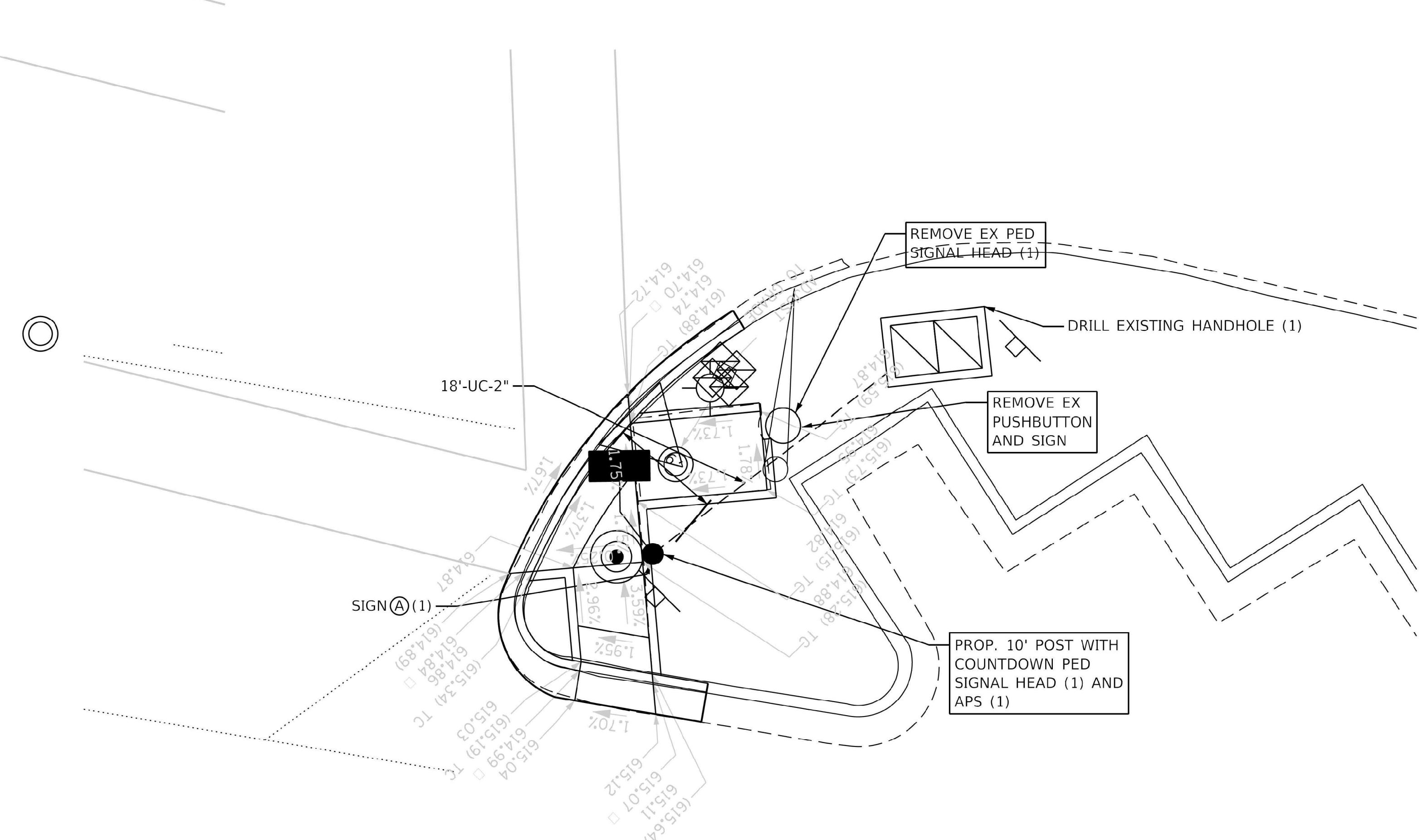
TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 2 OF 5)
GREEN BAY ROAD AND KENILWORTH AVENUE
GREEN BAY ROAD AND PARK DRIVE

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	67
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



KENILWORTH SE CORNER DETAIL, 1" = 5'



KENILWORTH NE CORNER DETAIL, 1" = 5'

TS 13845

TS SHT NO. 10

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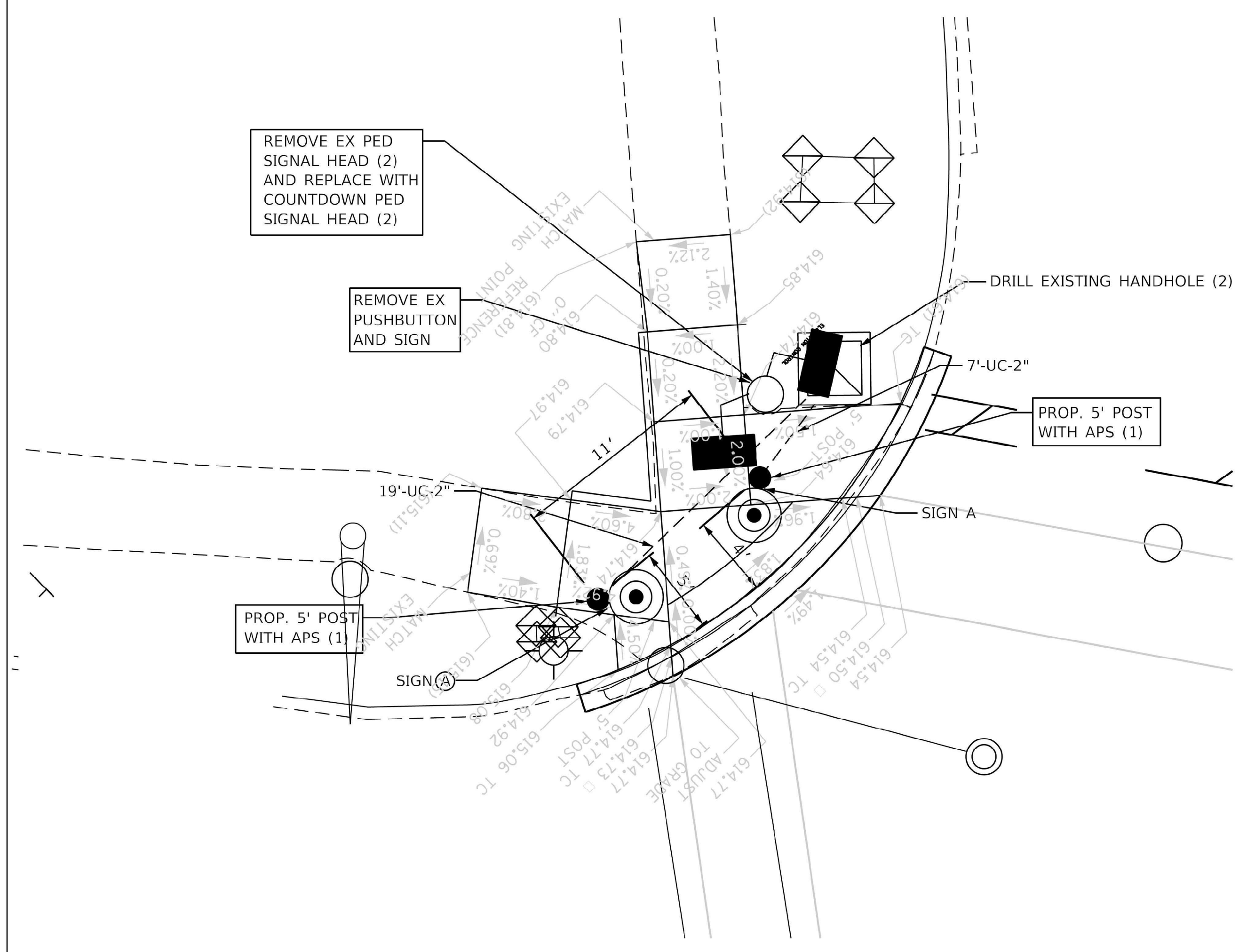
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

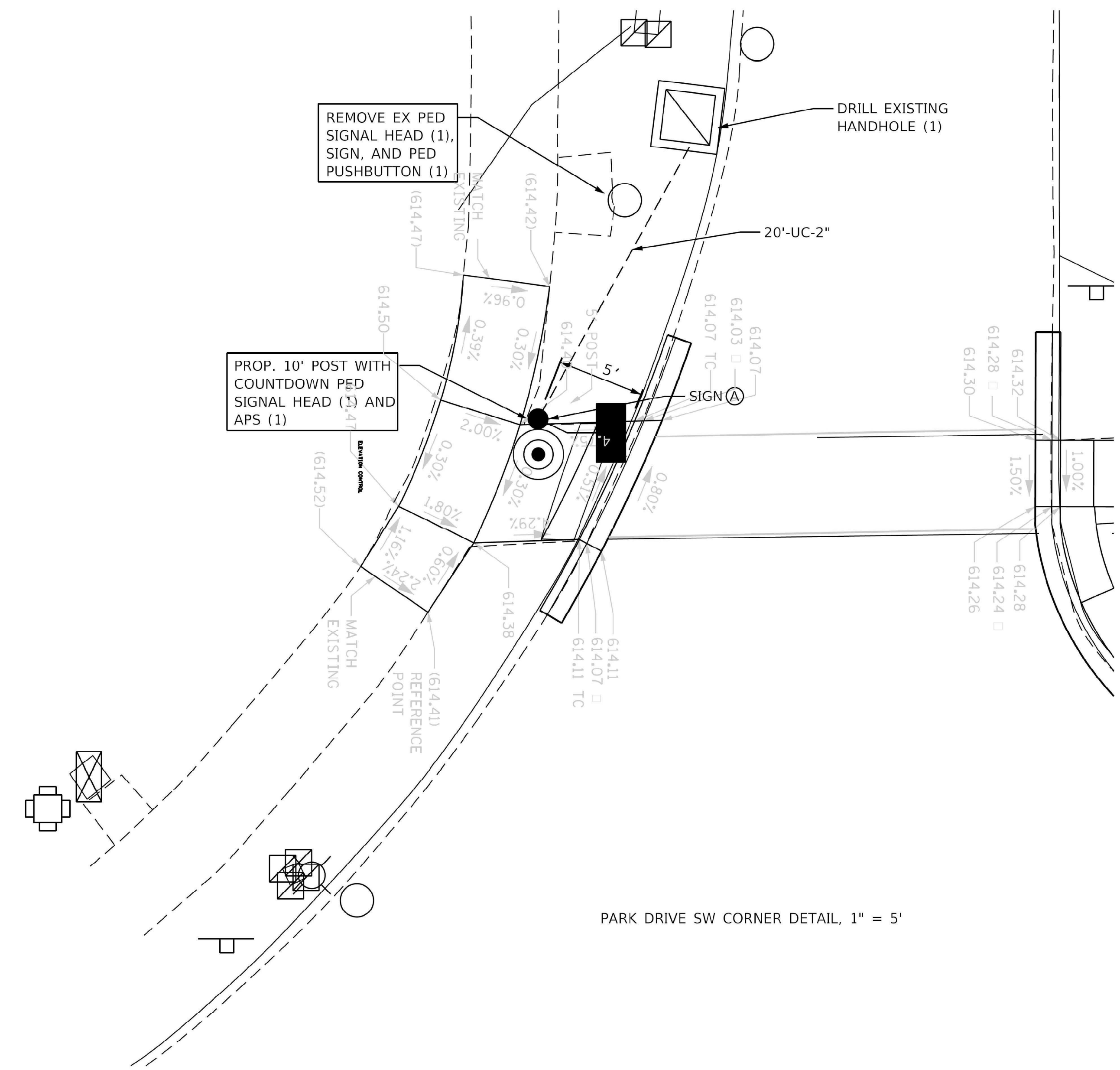
TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 3 OF 5)
GREEN BAY ROAD AND KENILWORTH AVENUE
GREEN BAY ROAD AND PARK DRIVE

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	



KENILWORTH SW CORNER DETAIL, 1" = 5'



PARK DRIVE SW CORNER DETAIL, 1" = 5'

TS 13845

TS SHT NO. 11

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Downers Grove, IL 60516

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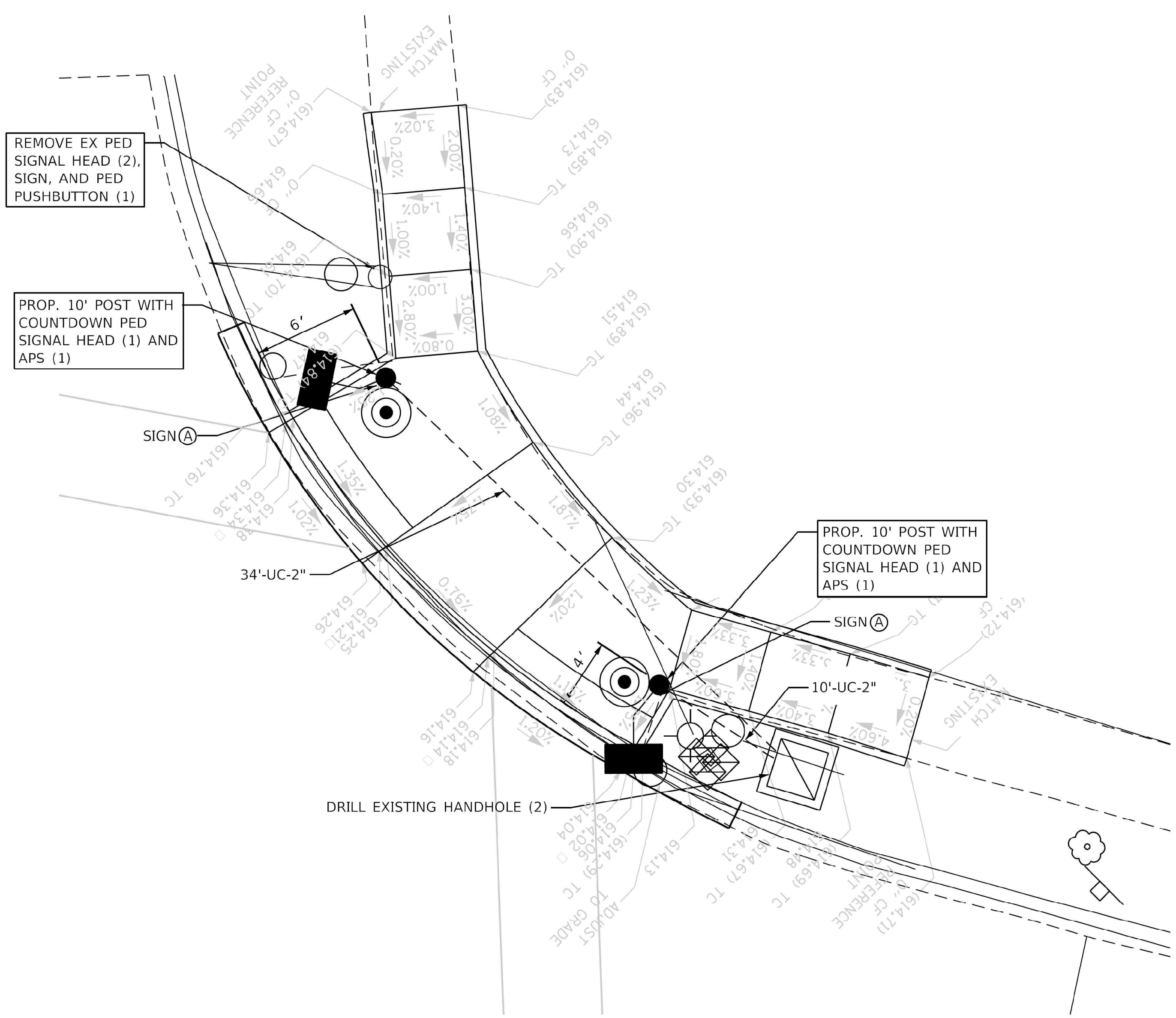
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -	

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 NW CORNER DETAIL, 1" = 5'

TS 13845

AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Srahman	DESIGNED - TM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - TM	REVISED -	
	PLOT SCALE = 39.9984 ' / In.	CHECKED - AS	REVISED -	
	PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -	

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	

MODEL: Default
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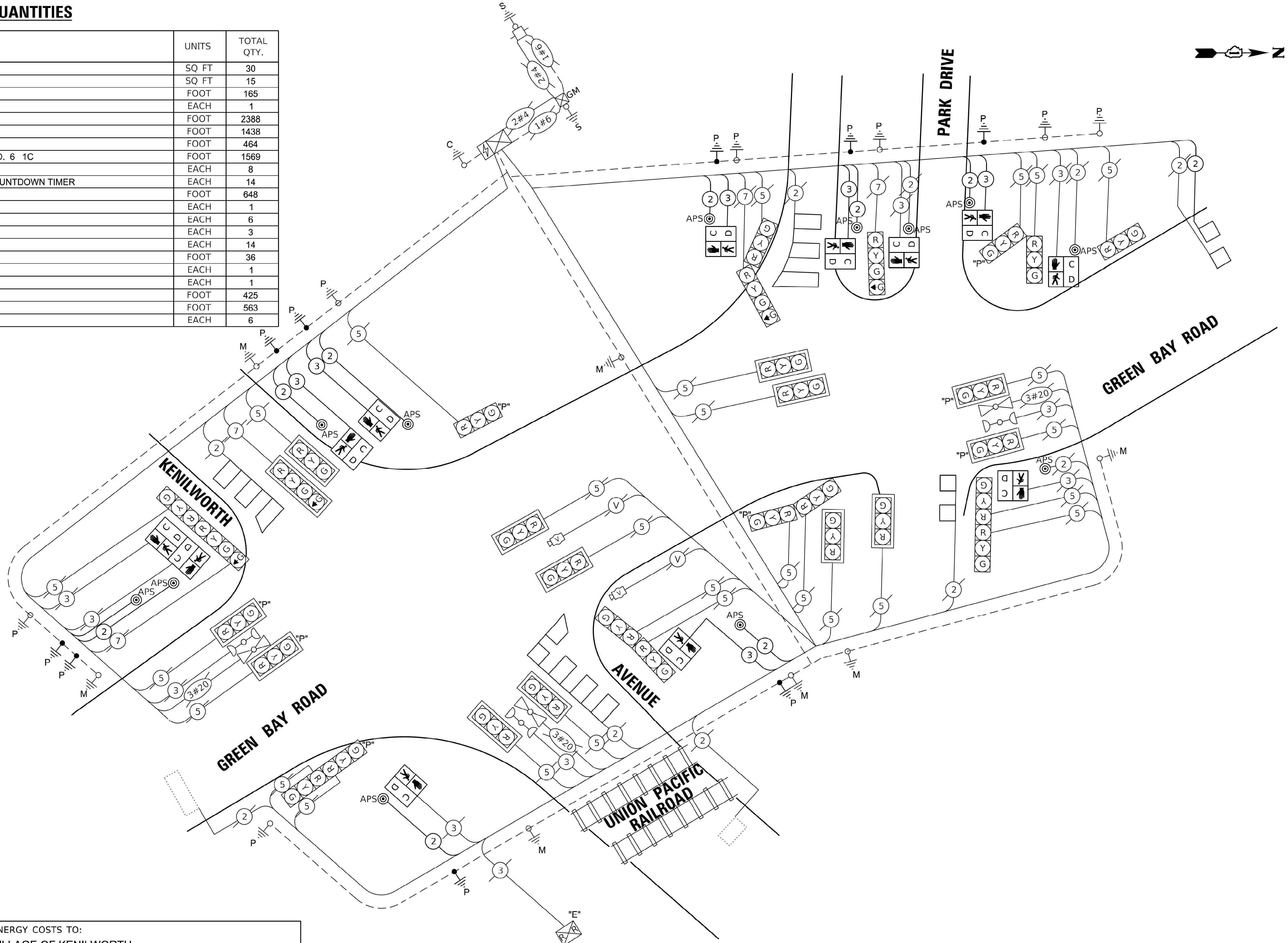
TS SHT NO. 12

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: -

CABLE PLAN
(NOT TO SCALE)

TS 13845

TS SHT NO. 13

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Ileris\Design\Sht\D162P95-sht-TS13-CAB Kenilworth Rd.dgn

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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

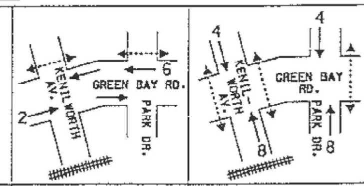
CABLE PLAN AND SCHEDULE OF QUANTITIES
GREEN BAY ROAD AND KENILWORTH AVENUE
GREEN BAY ROAD AND PARK DRIVE

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	71
		CONTRACT NO. 62W73		
	ILLINOIS	FED. AID PROJECT		

PROPOSED SEQUENCE OF OPERATION

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

△ 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

									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 N/B ALL SIGNALS	G	G	Y	R	R	R	R	R	G	R	◊
GREEN BAY ROAD S/B ALL SIGNALS	G	G	Y	R	R	R	R	R	G	R	◊
KENILWORTH AVENUE E/B ALL SIGNALS	R	R	R	R	G	Y	R	G	R	G	◊
KENILWORTH AVENUE W/B FAR RIGHT AND NEAR RIGHT SIGNALS	R	R	R	R	G	Y	R	G	R	G	◊
KENILWORTH AVENUE W/B FAR LEFT AND END MAST ARM SIGNALS	R	R	R	R	G	Y	R	G	R	G	◊
PARK DRIVE E/B ALL SIGNALS	R	R	R	R	G	Y	R	G	R	G	◊
PARK DRIVE W/B FAR RIGHT AND NEAR RIGHT SIGNALS	R	R	R	R	G	Y	R	G	R	G	◊
PARK DRIVE W/B FAR LEFT AND MID LEFT SIGNALS	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

TS 13845

AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Srahman	DESIGNED - TM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SEQUENCE OF OPERATION GREEN BAY ROAD AND KENILWORTH AVENUE GREEN BAY ROAD AND PARK DRIVE
		DRAWN - TM	REVISED -		
	PLOT SCALE = 39.998 ' / in.	CHECKED - AS	REVISED -		
	PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -		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	72
		CONTRACT NO. 62W73		
	ILLINOIS	FED. AID PROJECT		

TS SHT NO. 14

MODEL: Default
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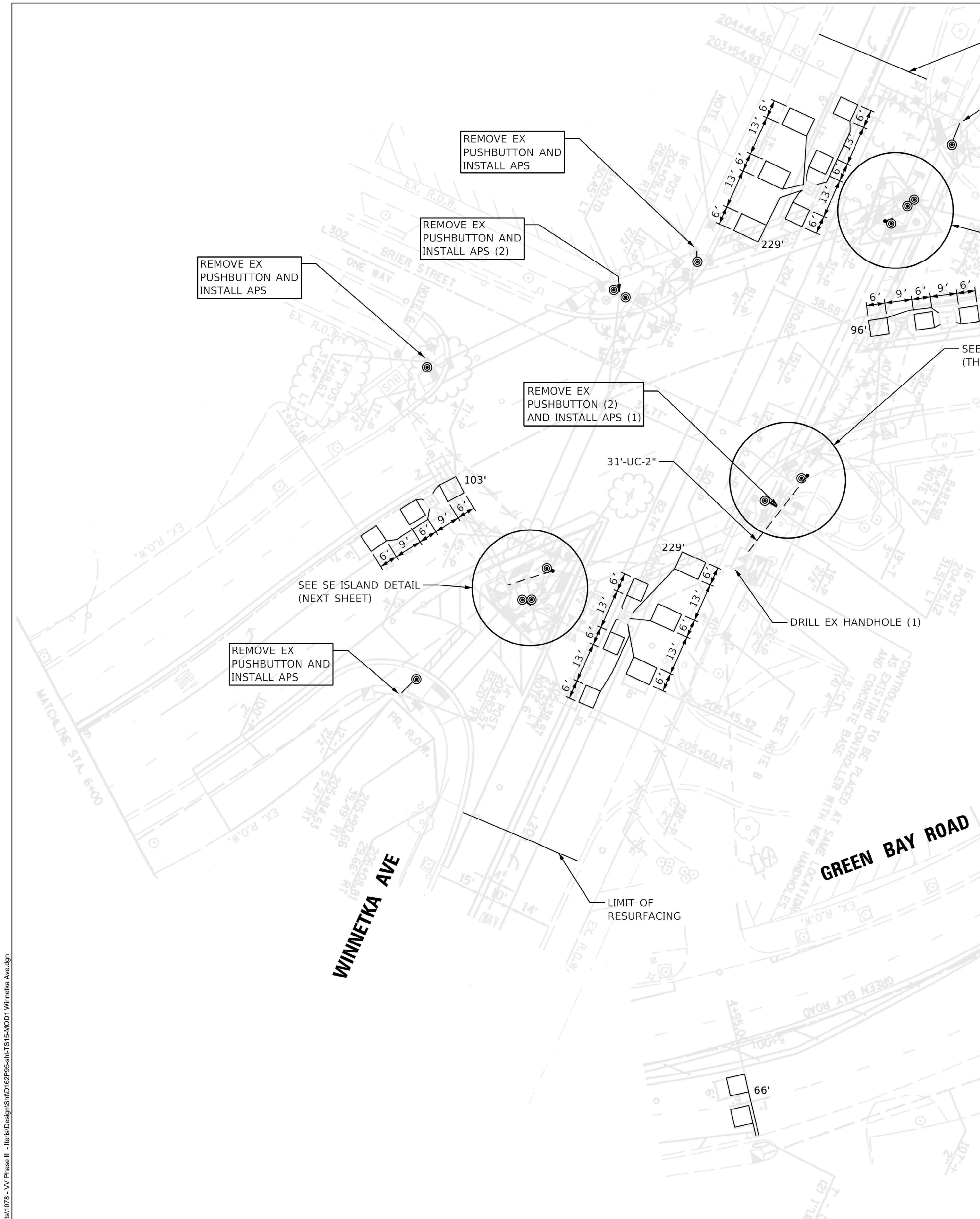
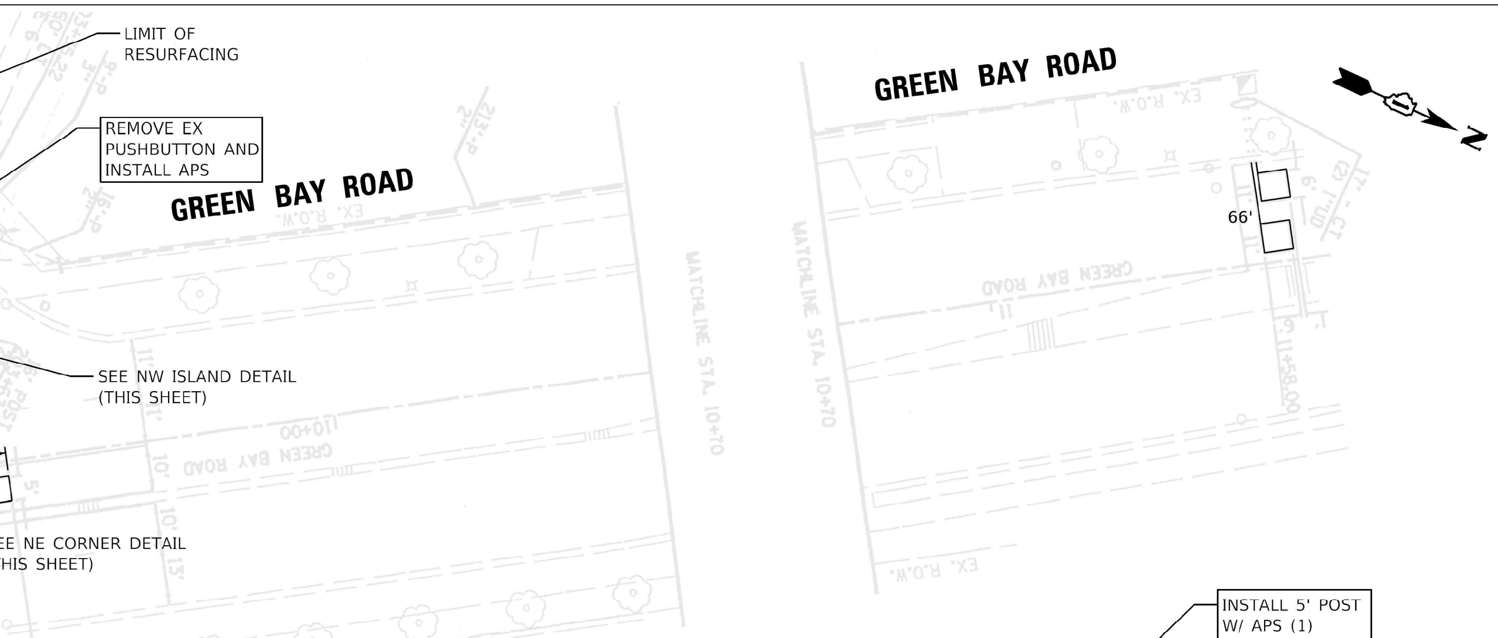




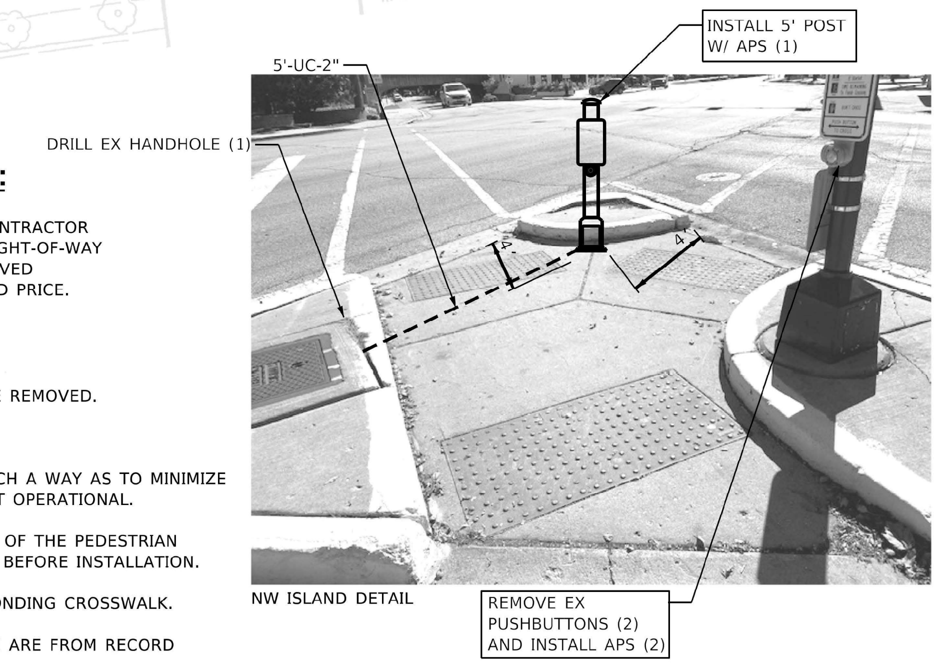
REMOVAL AND RELOCATION NOTES:

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.

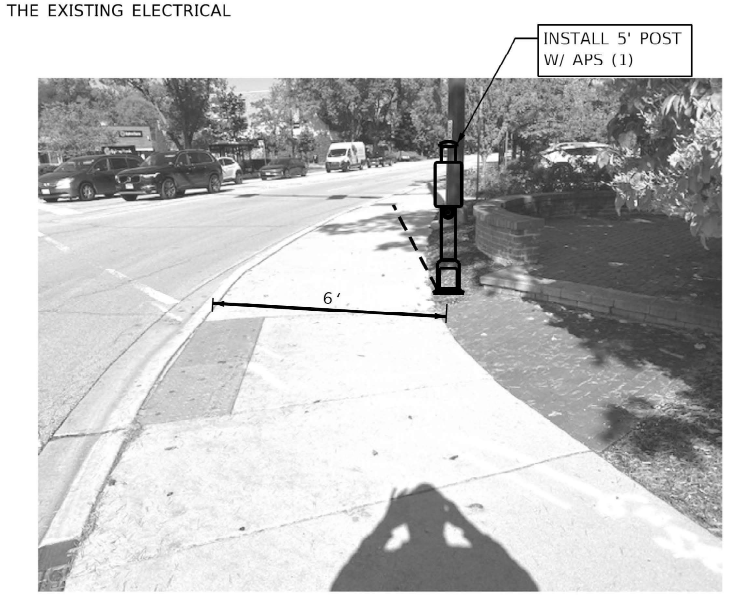
11 EACH PEDESTRIAN PUSH-BUTTON

NOTES:

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.



NW ISLAND DETAIL



NE CORNER DETAIL

TS 15320

TS SHT NO. 15

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Reris\Design\Sht\O162P95-sht-TS15-MOD1 Winnetka Ave.dgn

AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Srahman	DESIGNED - TM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - TM	REVISED -	
	PLOT SCALE = 39.9984 ' / In.	CHECKED - AS	REVISED -	
	PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -	

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		

SE ISLAND DETAIL

TS 15320

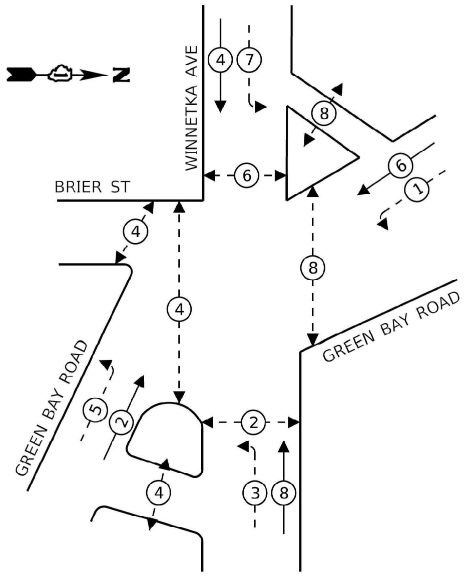
AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Srahman	DESIGNED - TM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 2 OF 2) GREEN BAY ROAD AND WINNETKA AVENUE
		DRAWN - TM	REVISED -		
	PLOT SCALE = 39.9984 ' / in.	CHECKED - AS	REVISED -		
	PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -		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		

TS SHT NO. 16

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Ilerls\Design\Sht\D162P95-sht-TS16-MOD2 Winnetka Ave.dgn

EXISTING AND PROPOSED CONTROLLER SEQUENCE



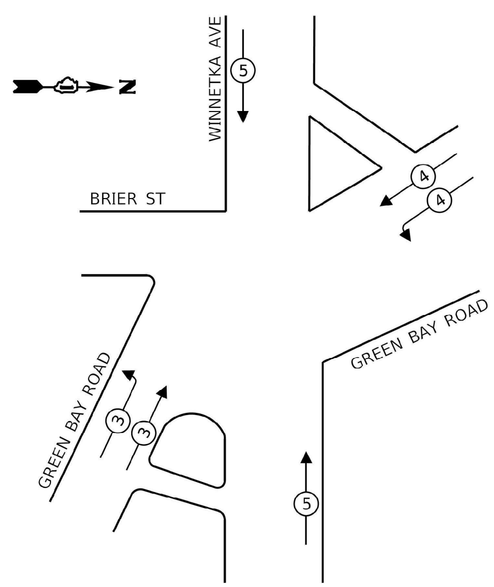
LEGEND:

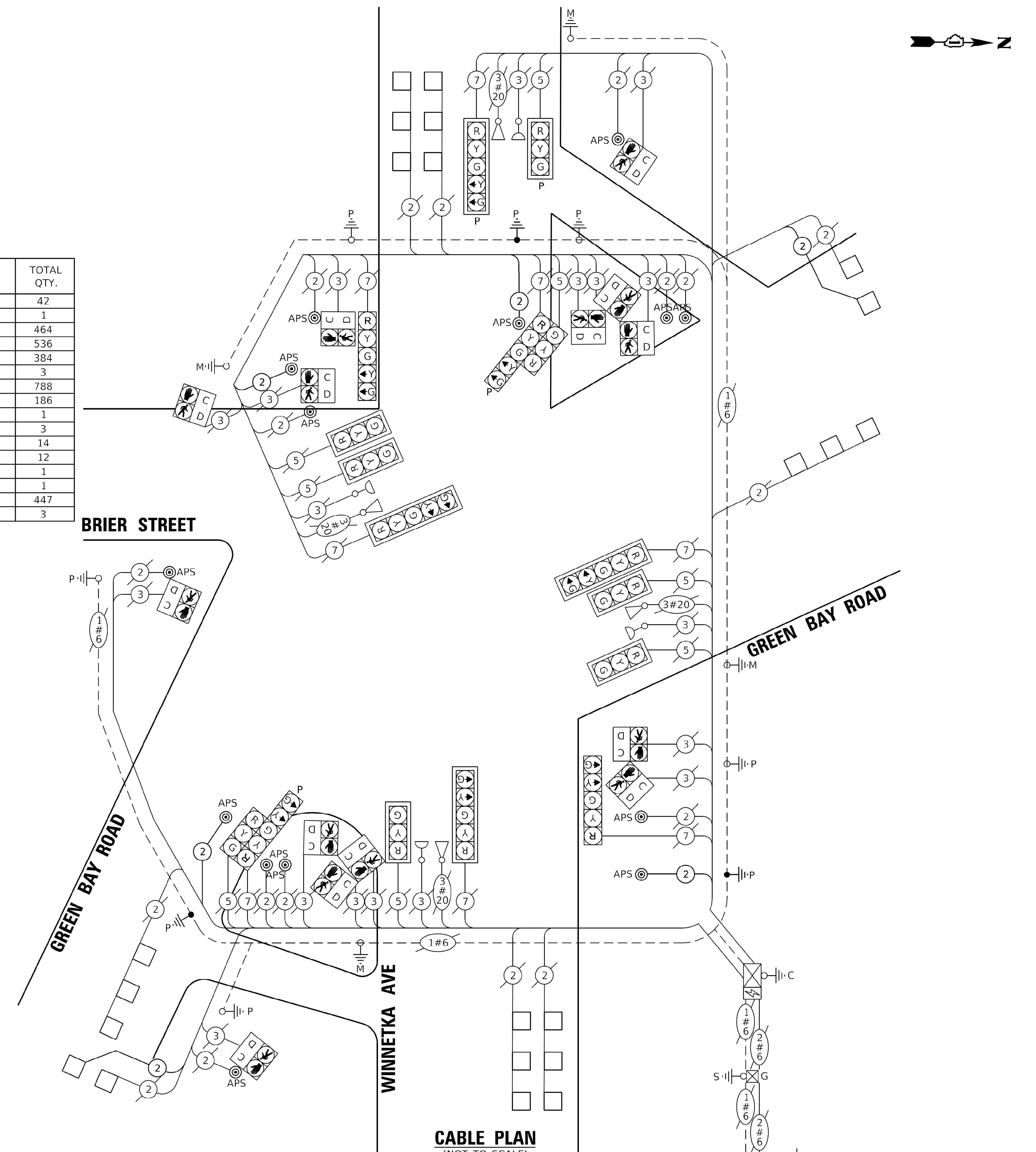
- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

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





CABLE PLAN

(NOT TO SCALE)

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: -

TS 15320

TS SHT NO. 17

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Ikeris\Design\Sht\O162P95-sht-TS17-CAB Winnetka Ave.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 = 39.998 ' / In.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	75

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.

6 EACH PEDESTRIAN PUSHBUTTON

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.

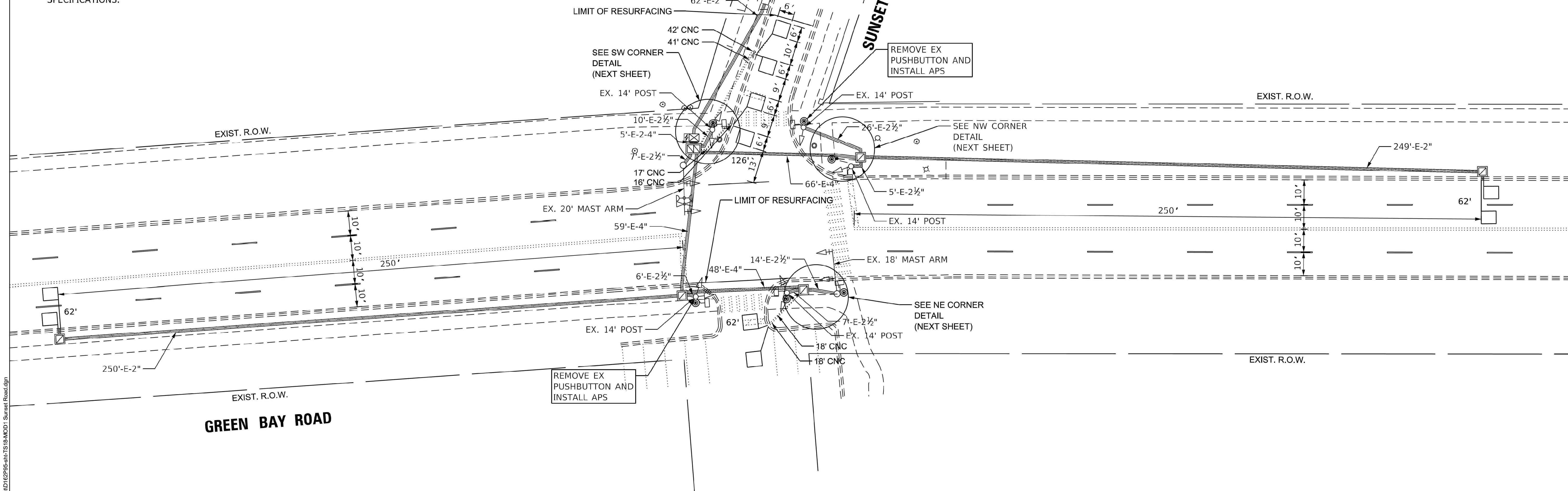
4. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.

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 15325

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	

MODEL: Default
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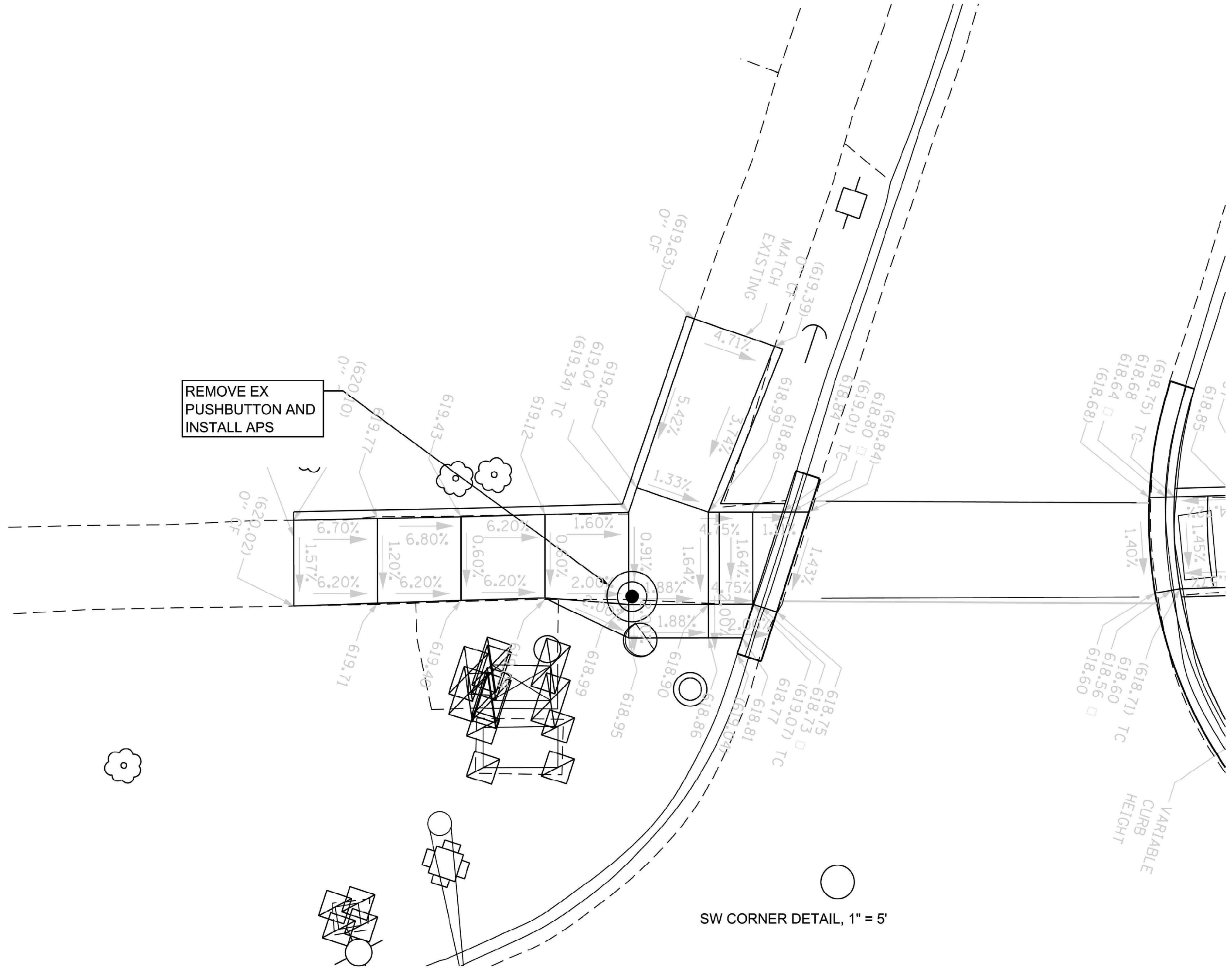
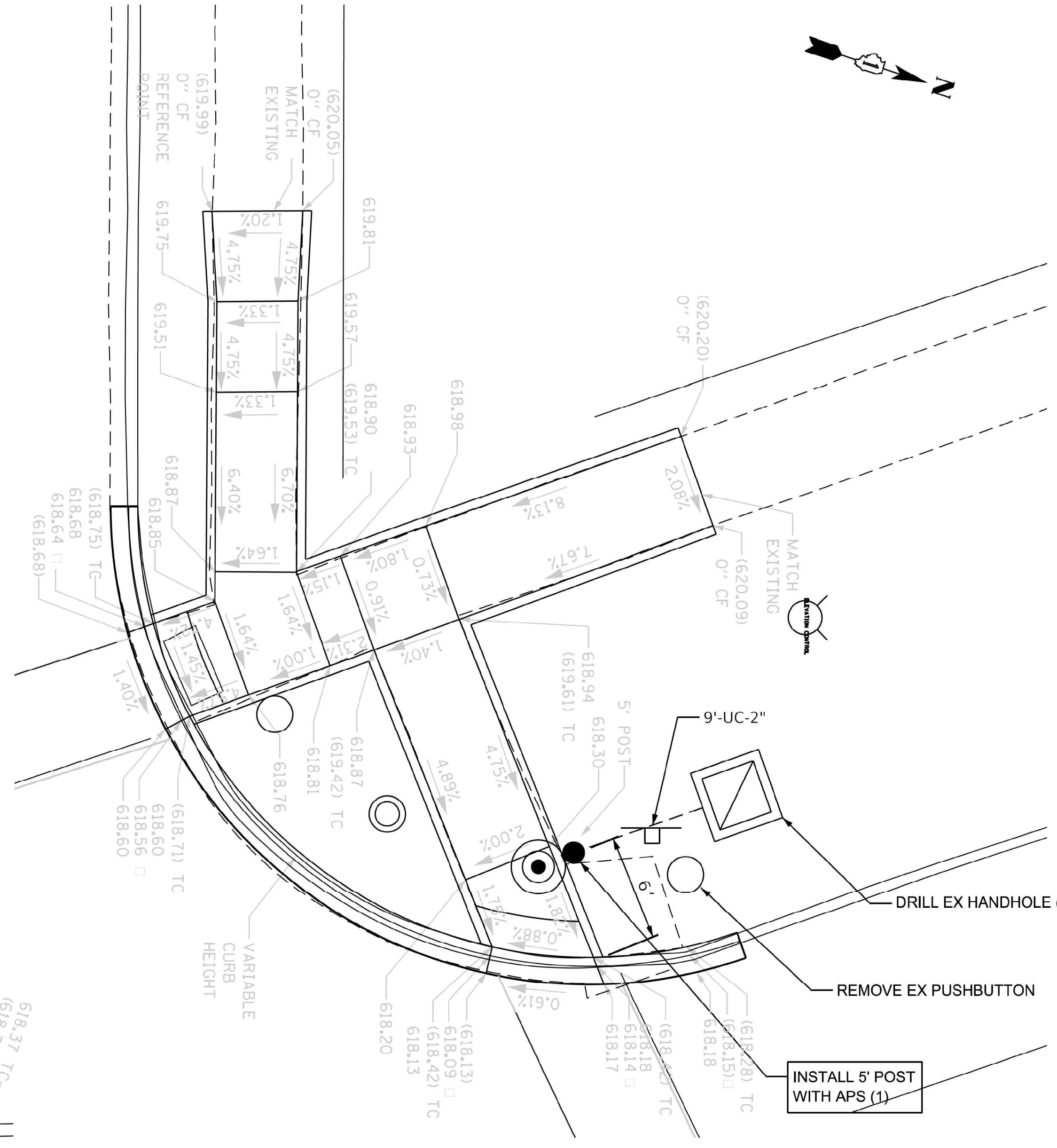
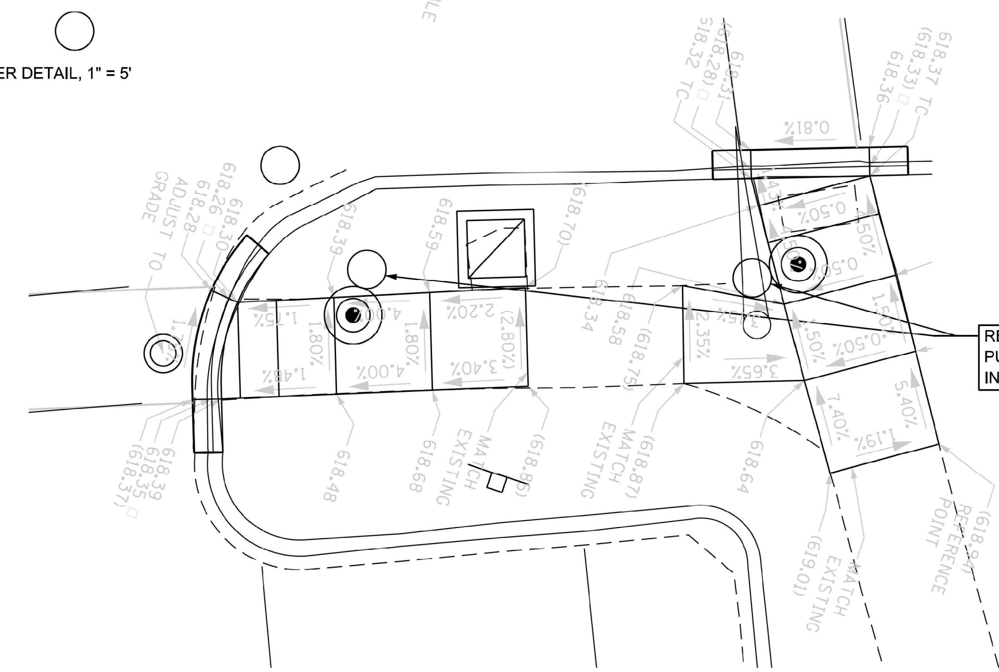
TS SHT NO. 18



SW CORNER DETAIL, 1" = 5'



NW CORNER DETAIL, 1" = 5'



NE CORNER DETAIL, 1" = 5'

TS 15325

AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Srahman	DESIGNED - TM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 2 OF 2) GREEN BAY ROAD AND SUNSET ROAD
		DRAWN - TM	REVISED -		
	PLOT SCALE = 39.9984 ' / In.	CHECKED - AS	REVISED -		
	PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -		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	77
		CONTRACT NO. 62W73		
	ILLINOIS FED. AID PROJECT			

TS SHT NO. 19

MODEL: Default
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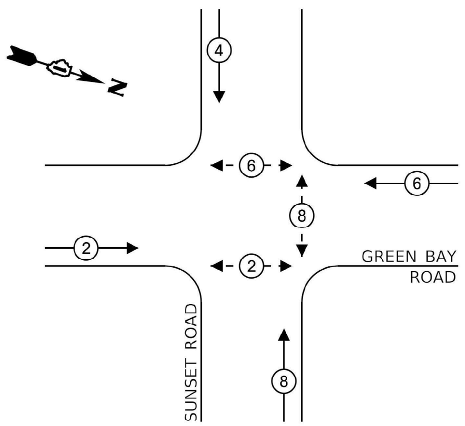
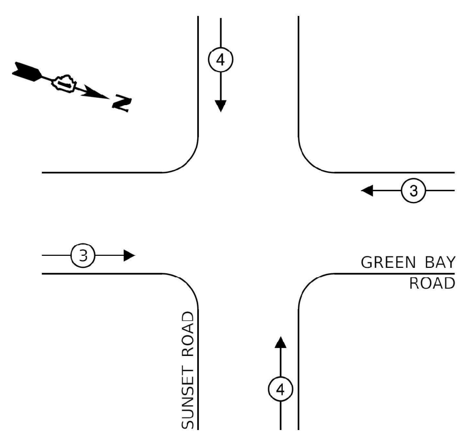
EXISTING AND PROPOSED CONTROLLER SEQUENCE

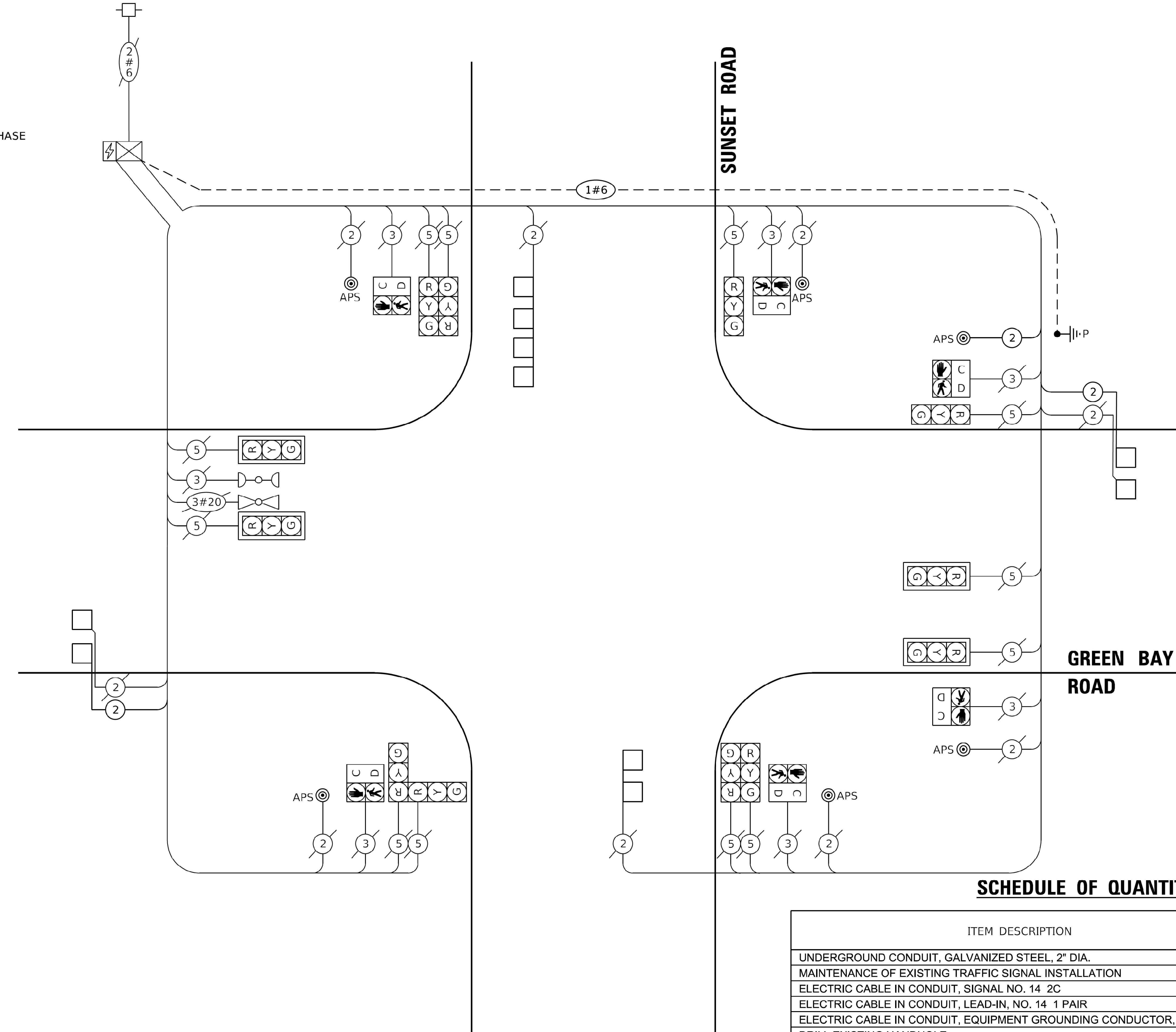


LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE





CABLE PLAN
(NOT TO SCALE)

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: -

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

TS 15325

TS SHT NO. 20

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Itoris\Design\Sht\D162P95-sht-TS20-CAB 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 = 39.998 ' / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	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

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:

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.

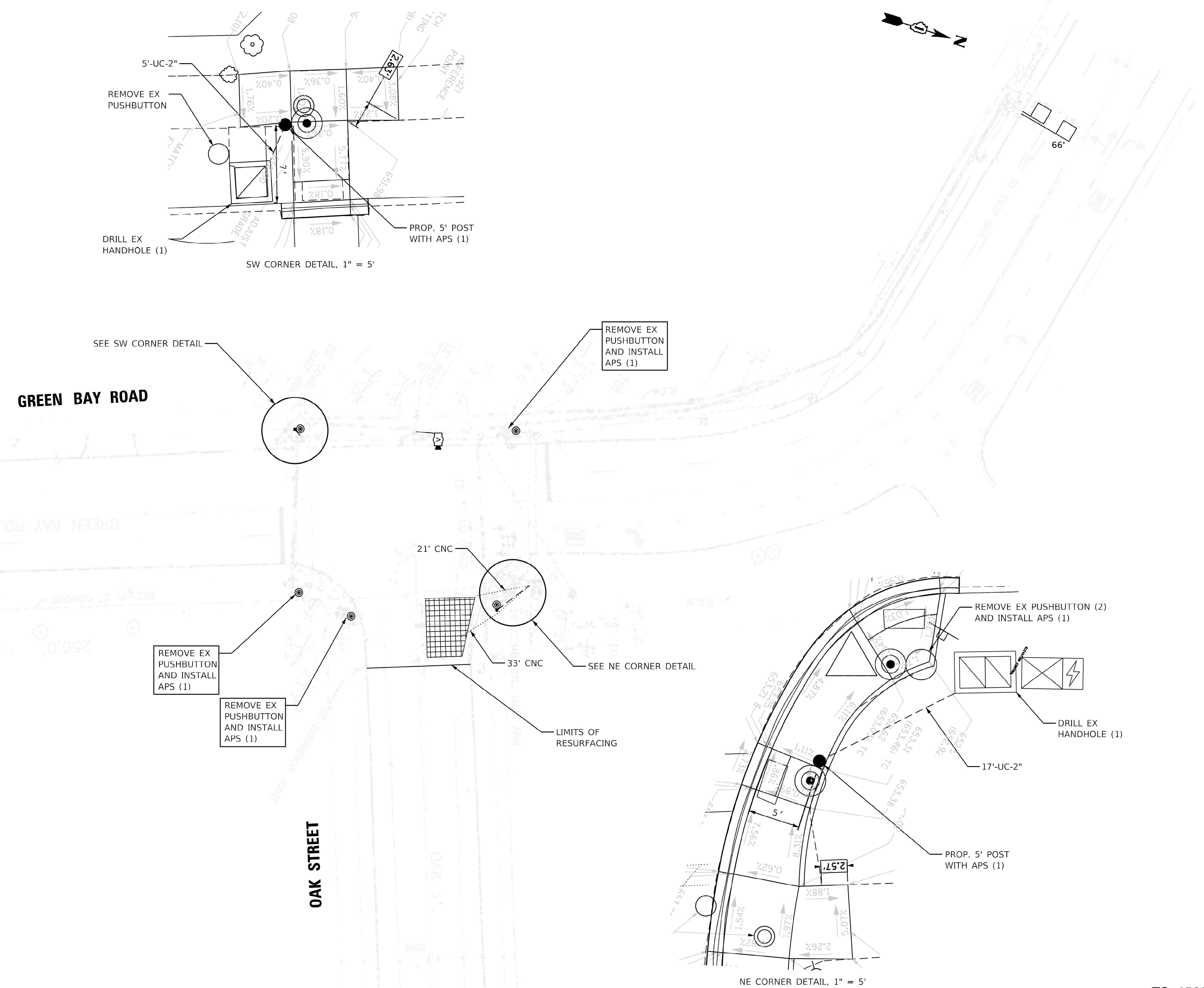
4. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.

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 15327

AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Srahman	DESIGNED - TM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN GREEN BAY ROAD AND OAK STREET
		DRAWN - TM	REVISED -		
	PLOT SCALE = 39.9984 ' / In.	CHECKED - AS	REVISED -		
	PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -		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	

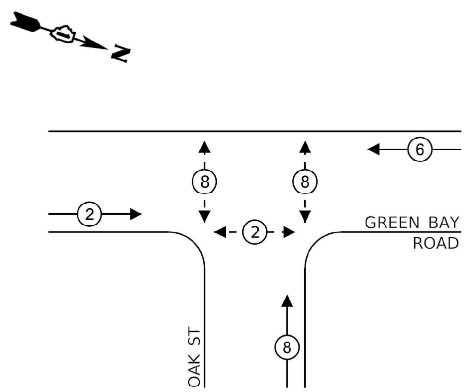
TS SHT NO. 21

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Ilori\s\Design\Sht\D162P95-sht-TS21-MOD Oak Street.dgn

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

EXISTING AND PROPOSED CONTROLLER SEQUENCE



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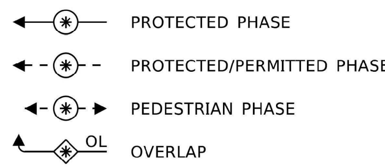
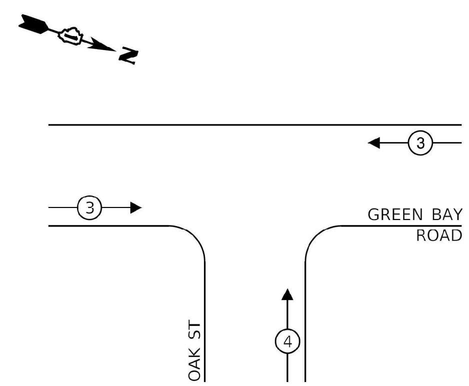
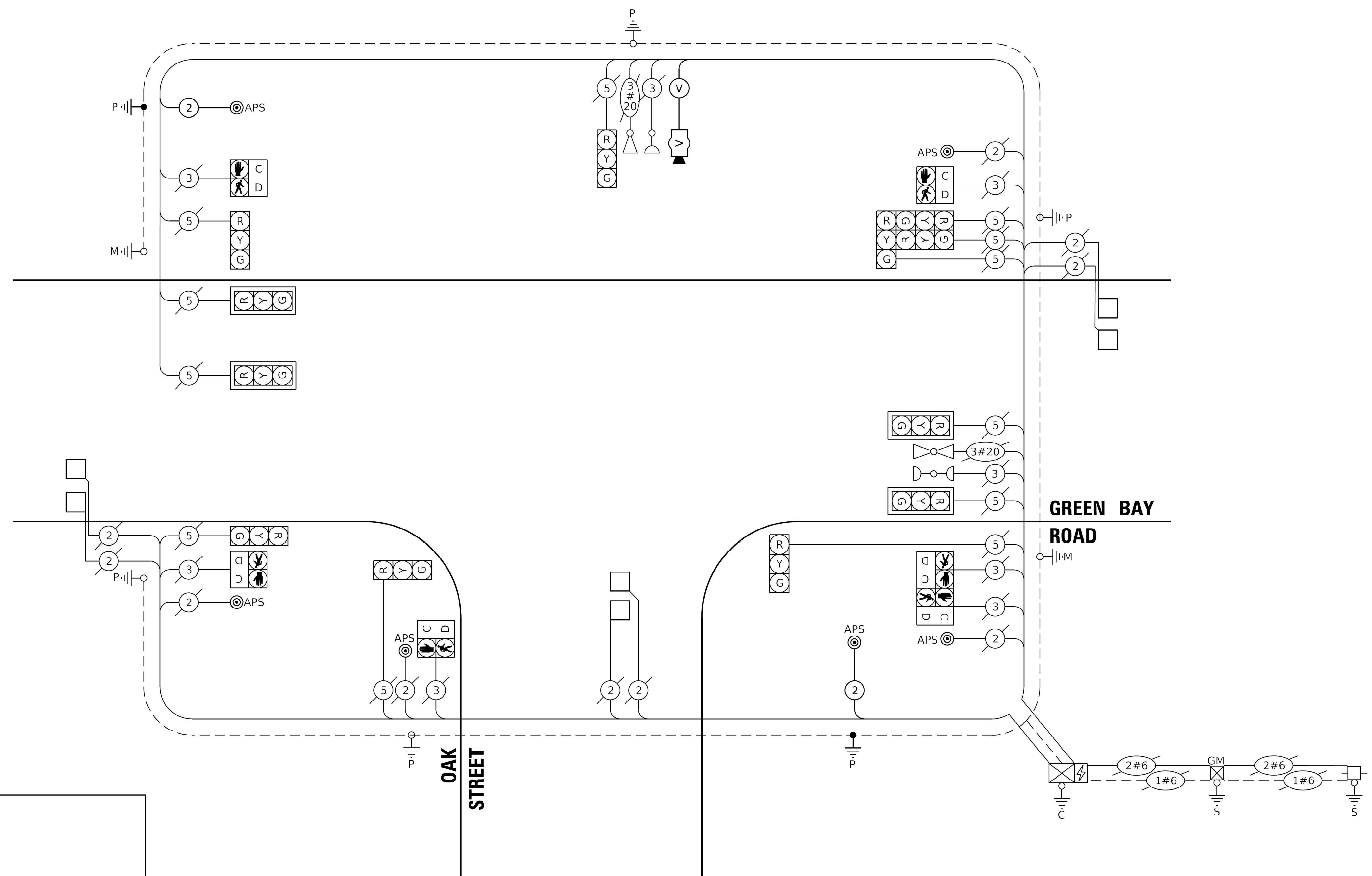


EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE





CABLE PLAN

(NOT TO SCALE)

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: -

TS 15327

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

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.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	80

CONTRACT NO. 62W73

ILLINOIS | FED. AID PROJECT

TS SHT NO. 22

MODEL: Default
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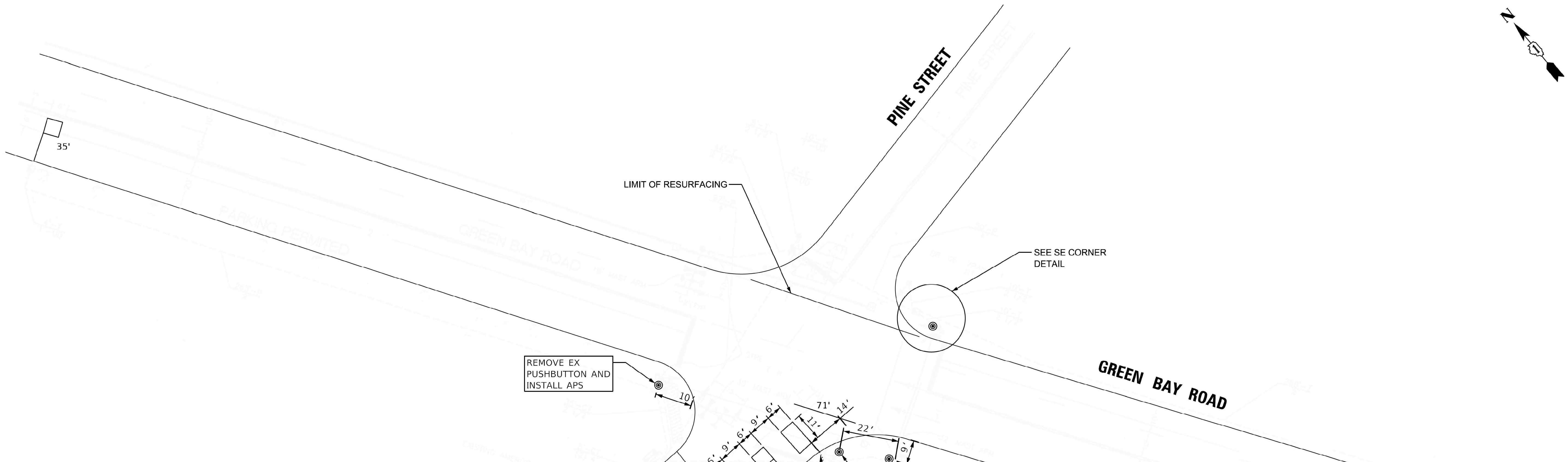
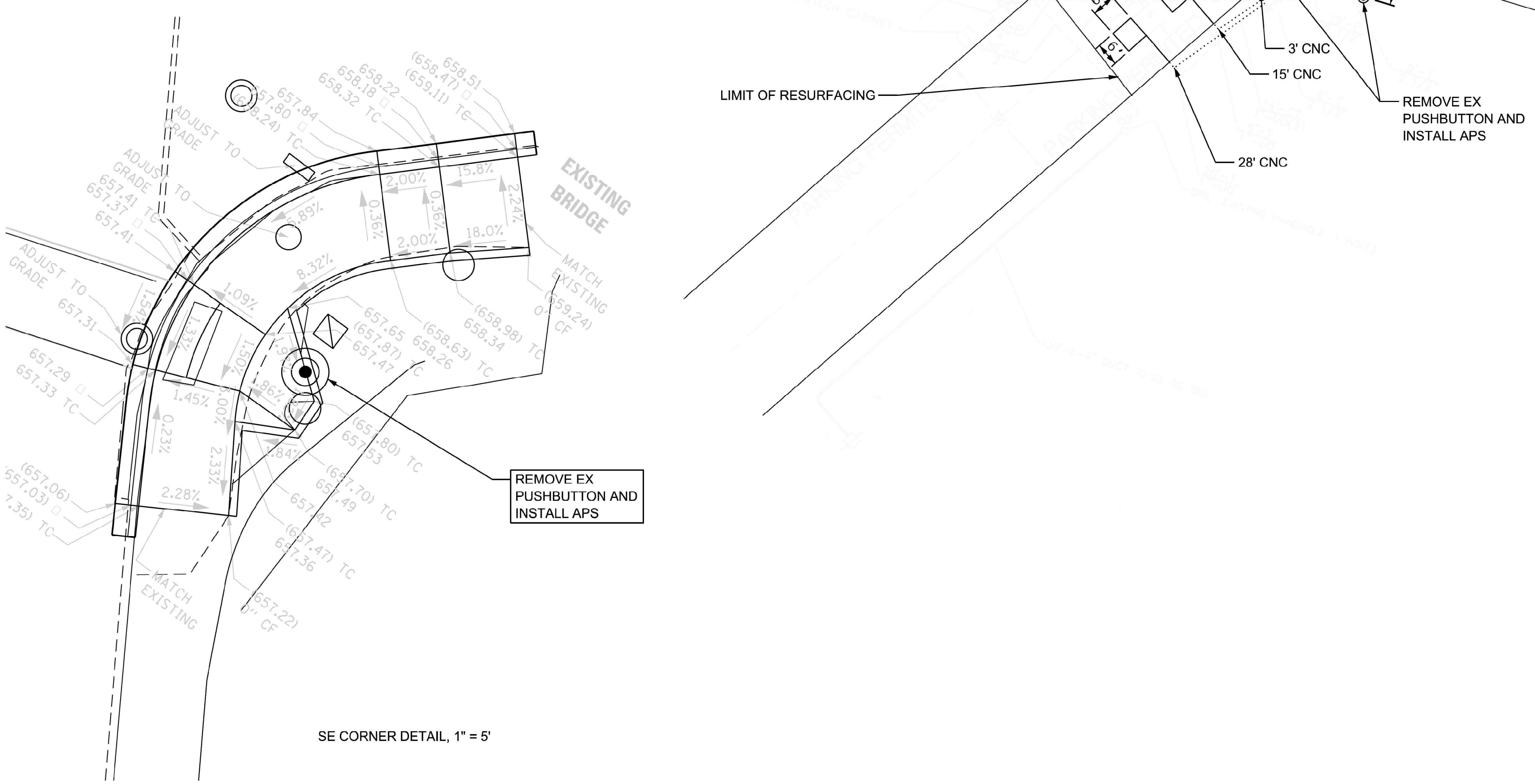




SE CORNER DETAIL, 1" = 5'

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

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

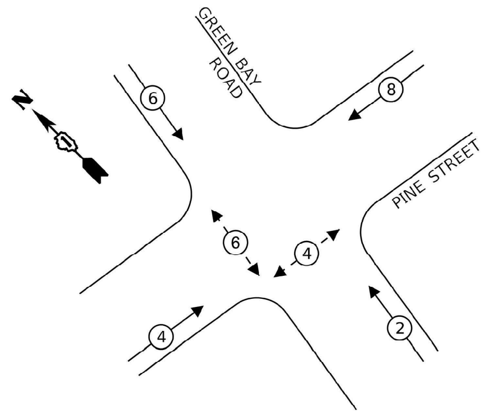
TS SHT NO. 23

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Ifanls\Design\Sht\D162P95-sht-TS23-MOD Pine Street.dgn

AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Srahman	DESIGNED - TM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN GREEN BAY ROAD AND PINE STREET	
		DRAWN - TM	REVISED -			
	PLOT SCALE = 39.9984 ' / In.	CHECKED - AS	REVISED -			
	PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -		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	81
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

EXISTING AND PROPOSED CONTROLLER SEQUENCE



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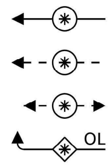
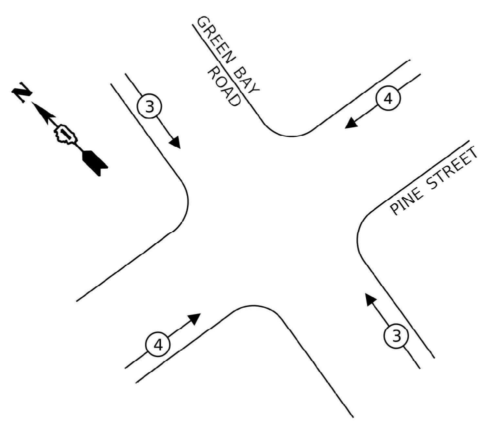
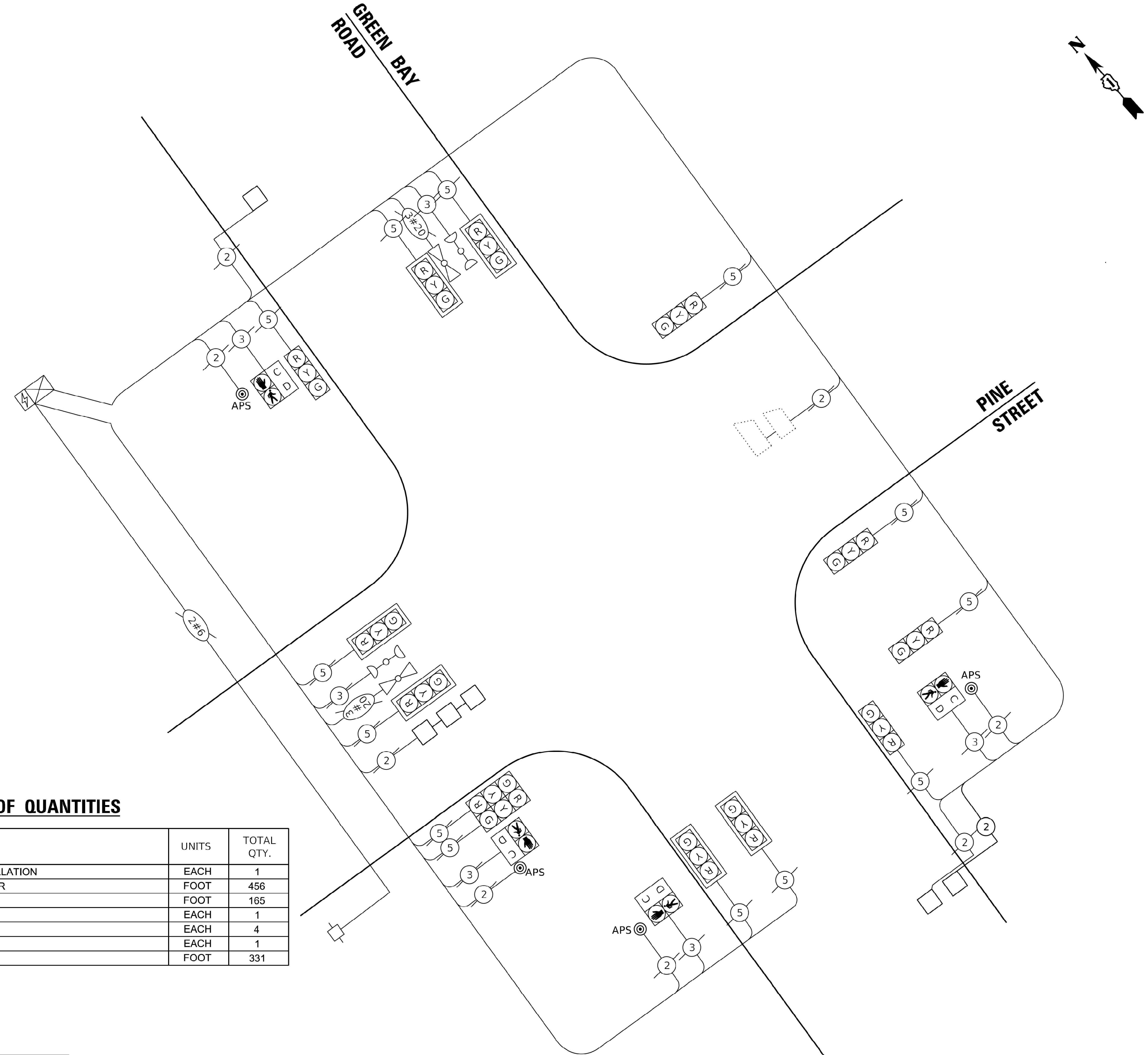


EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE





CABLE PLAN
(NOT TO SCALE)

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

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

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: -

TS 15340

TS SHT. NO 24

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Itera\Design\Sht\D162P95-sht-TS24-CAB Pine 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 = 39.998 ' / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

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.

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		

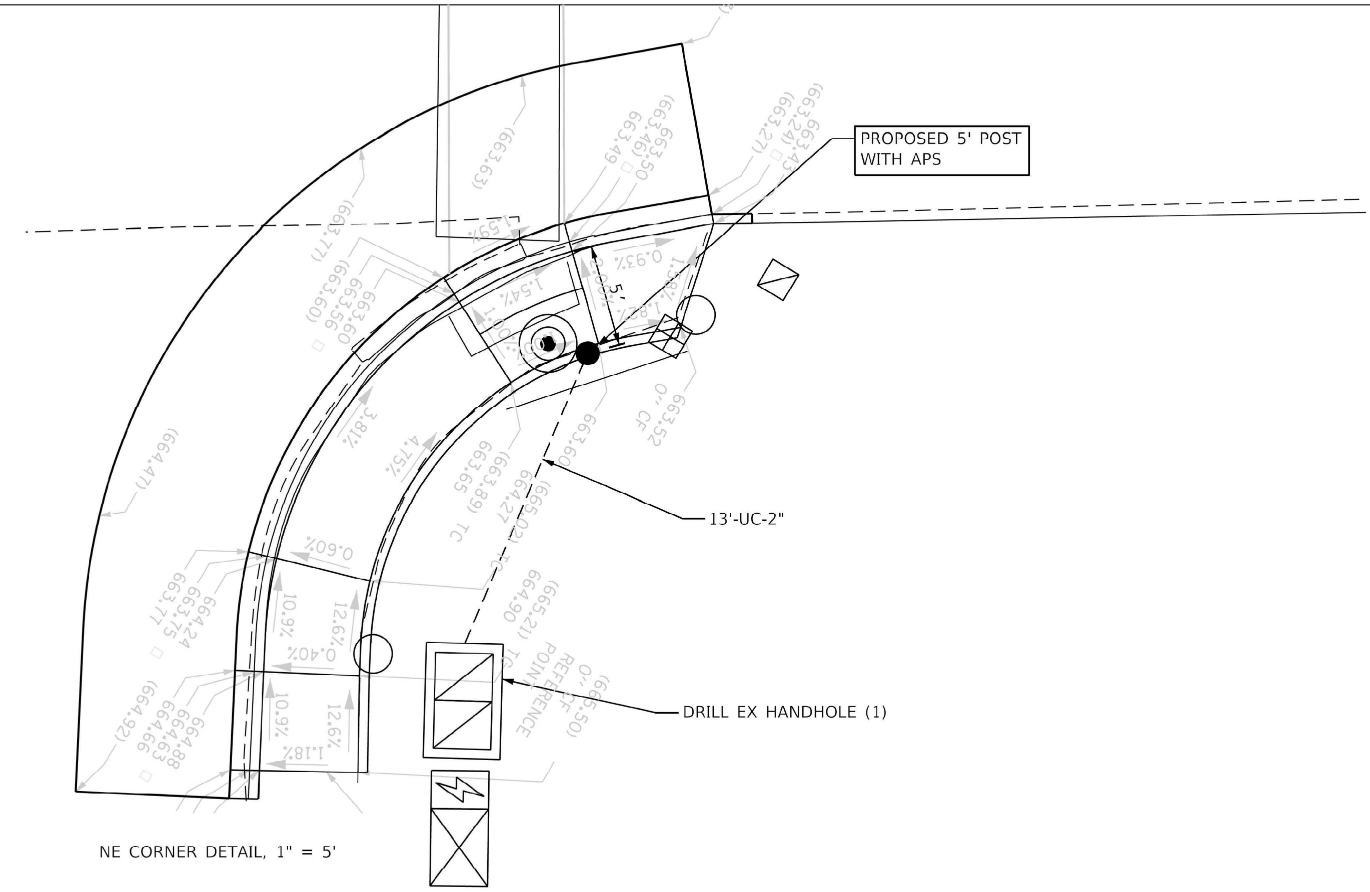
REMOVAL AND RELOCATION NOTES:

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.

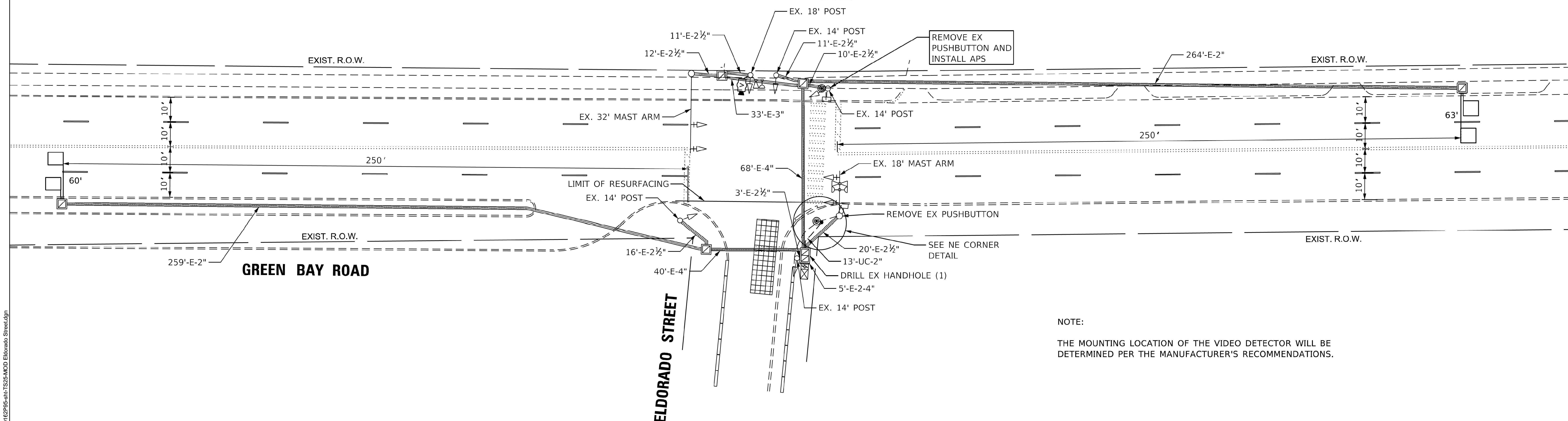
2 EACH PEDESTRIAN PUSH-BUTTON

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.



NE CORNER DETAIL, 1" = 5'



NOTE:

THE MOUNTING LOCATION OF THE VIDEO DETECTOR WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.

TS 15345

TS SHT NO. 25

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Itaris\Design\Sht\D162P95-sht-TS25-MOD Eldorado 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 -

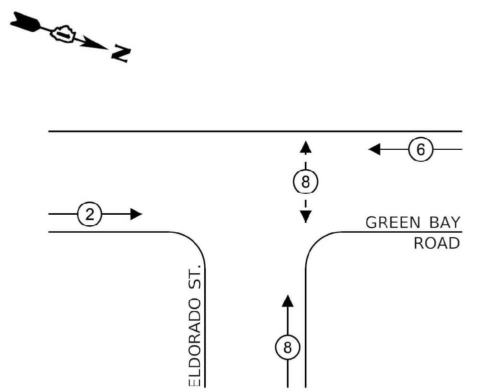
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN
GREEN BAY ROAD AND ELDORADO 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	83
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

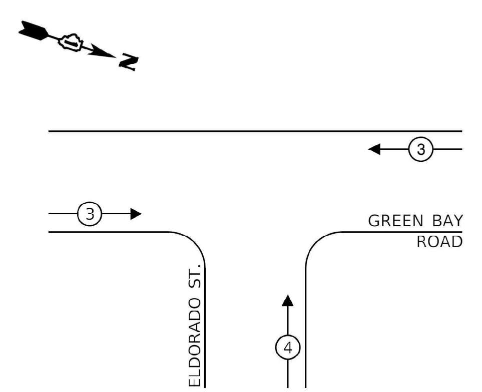
EXISTING AND PROPOSED CONTROLLER SEQUENCE



LEGEND:

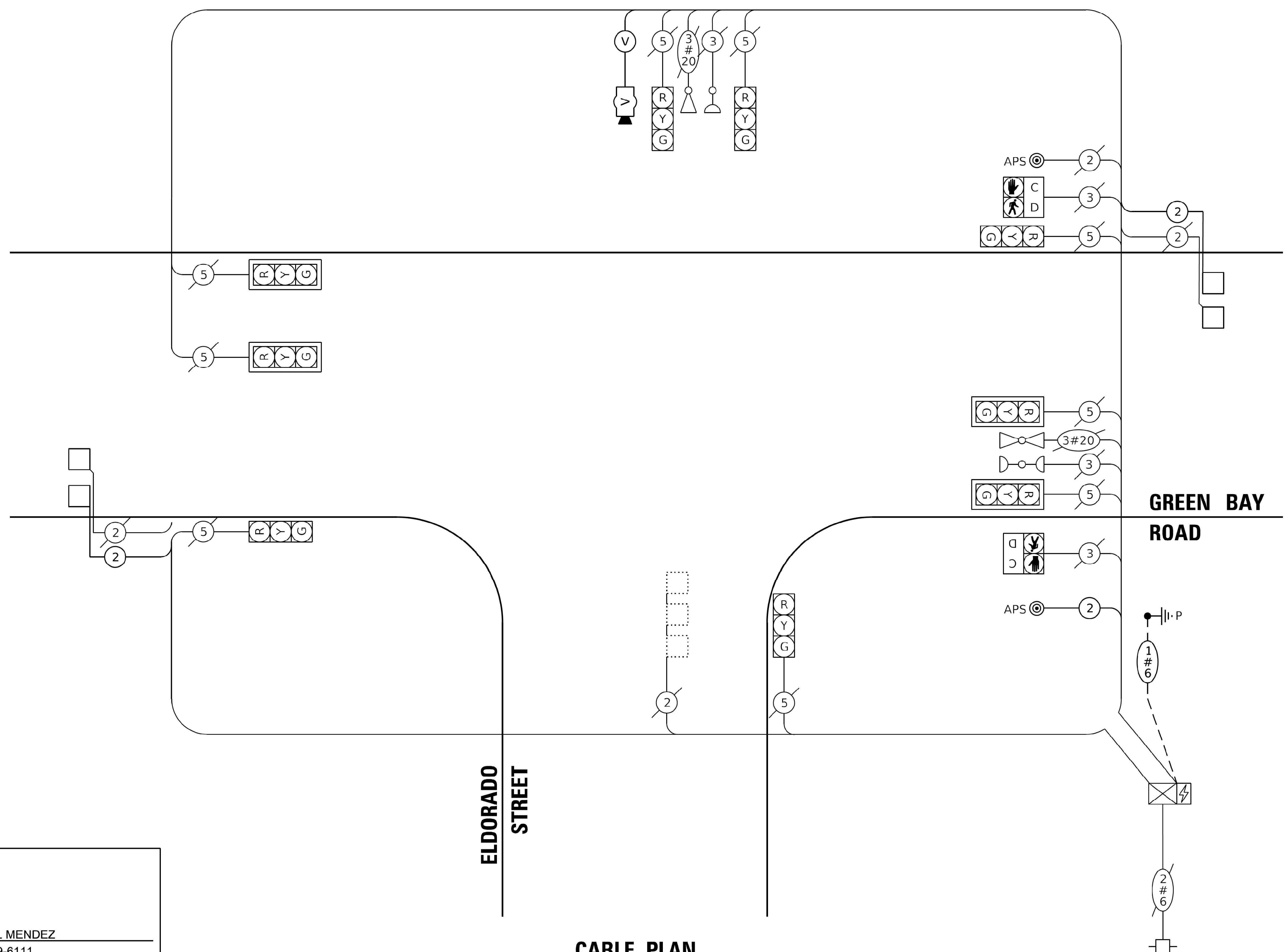
- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



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



CABLE PLAN
(NOT TO SCALE)

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: -

TS 15345

TS SHT NO. 26

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Ilenis\Design\Sht\D162P95-sht-TS26-CAB Eldorado 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 = 39.998 ' / in.	CHECKED -	AS	REVISED -		
PLOT DATE = 12/9/2024	DATE -	12-09-2024	REVISED -		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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	84
		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.

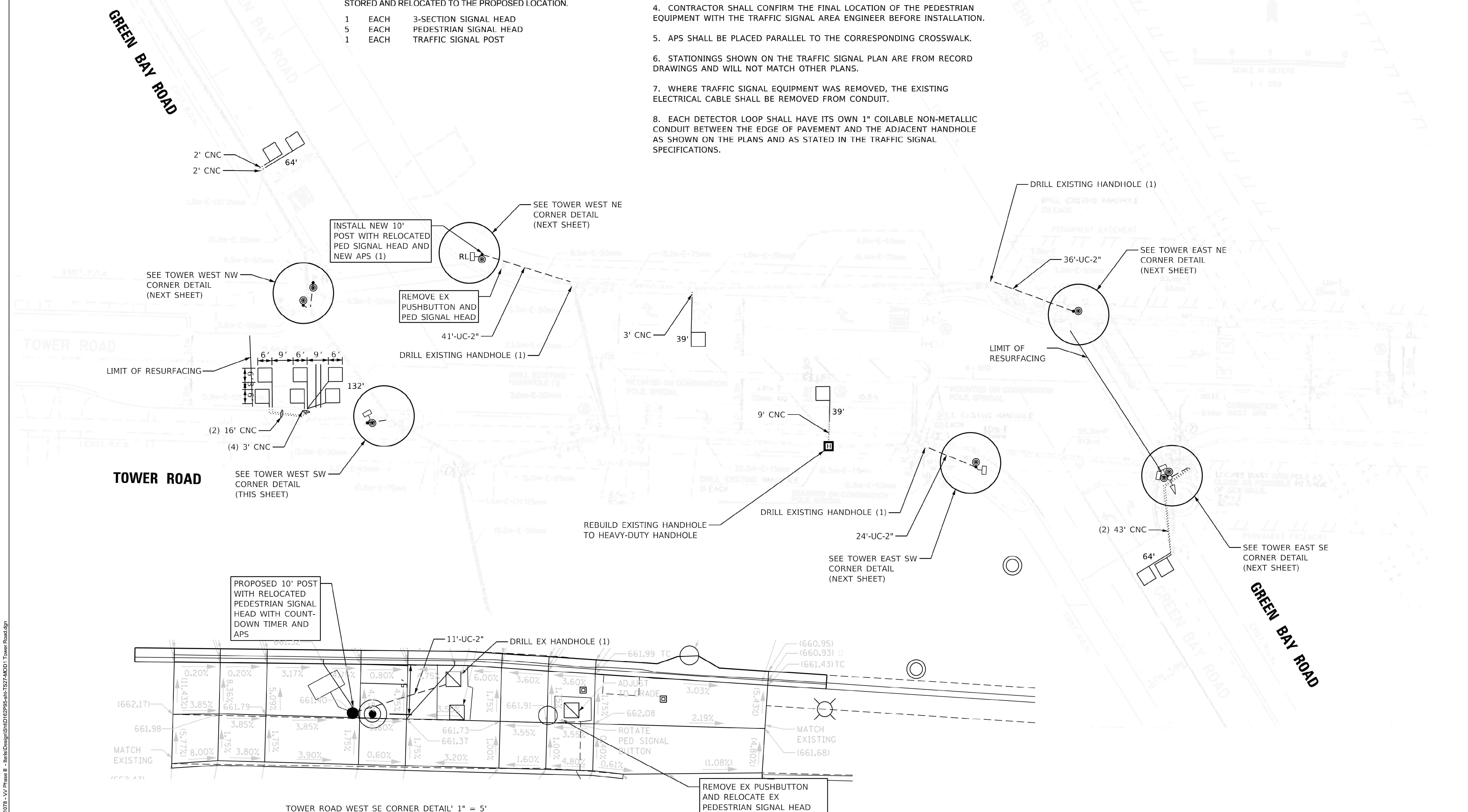
7	EACH	PEDESTRIAN PUSH-BUTTON

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

1	EACH	3-SECTION SIGNAL HEAD
5	EACH	PEDESTRIAN SIGNAL HEAD
1	EACH	TRAFFIC SIGNAL POST

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.



TOWER ROAD WEST SE CORNER DETAIL' 1" = 5'

TS 15350

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

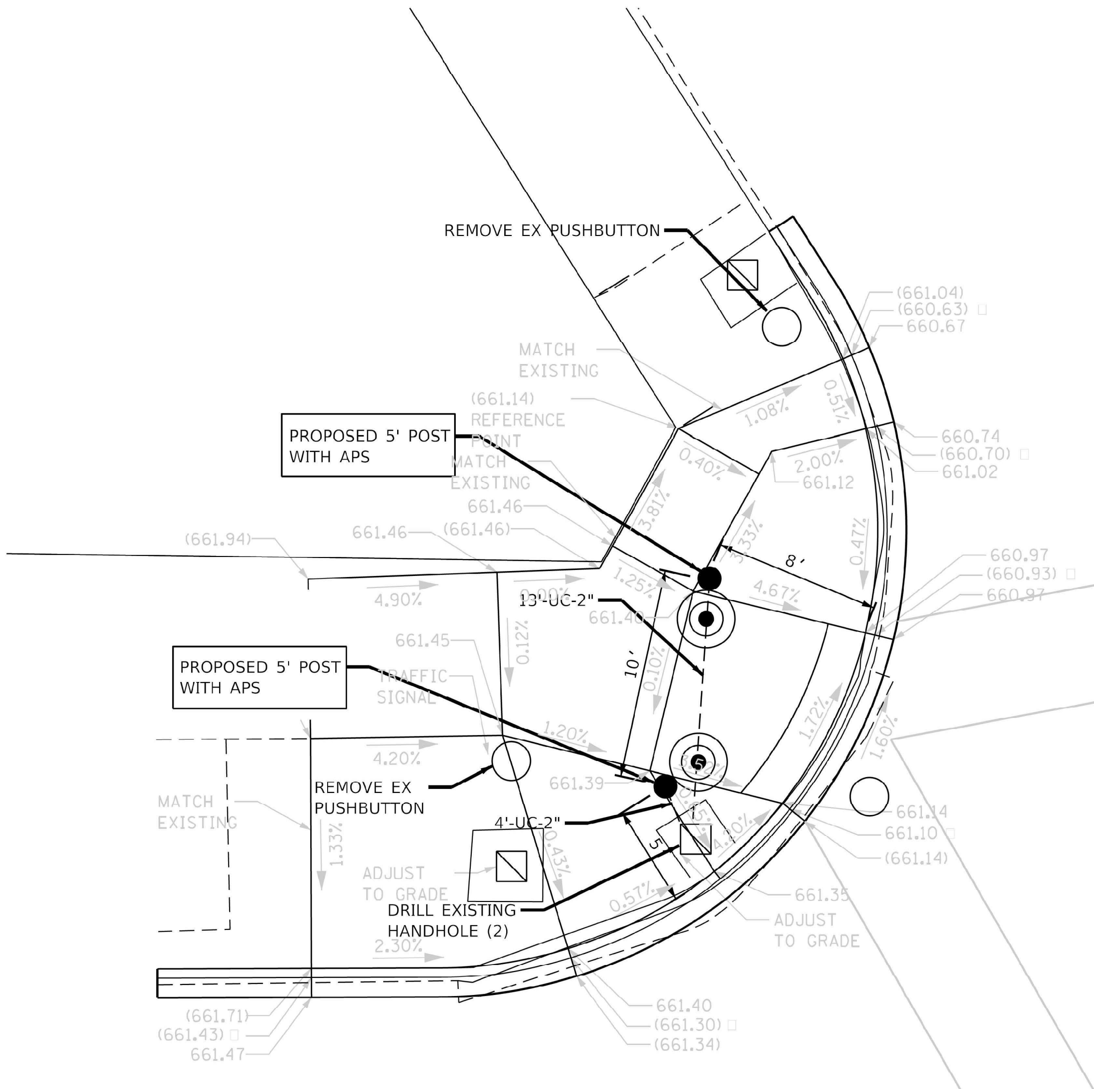
TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 3)
GREEN BAY ROAD AND TOWER ROAD

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

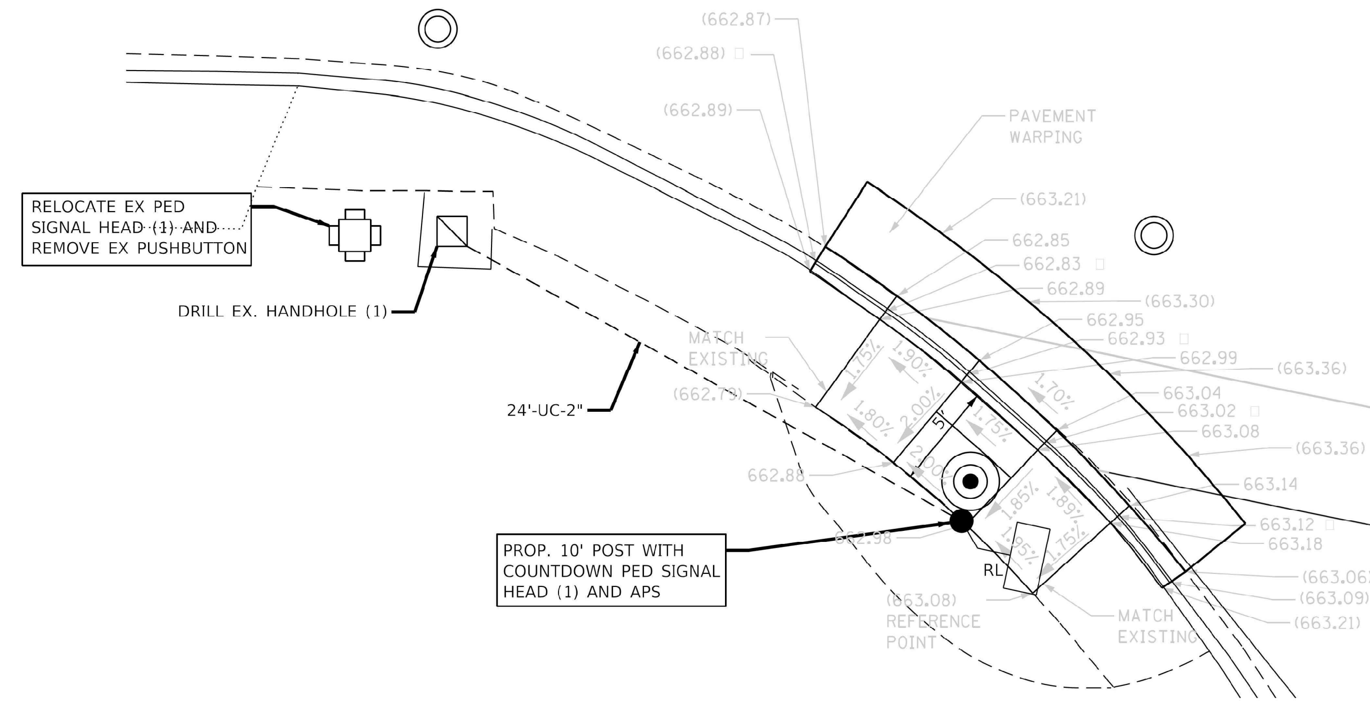
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	85
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

TS SHT NO. 27

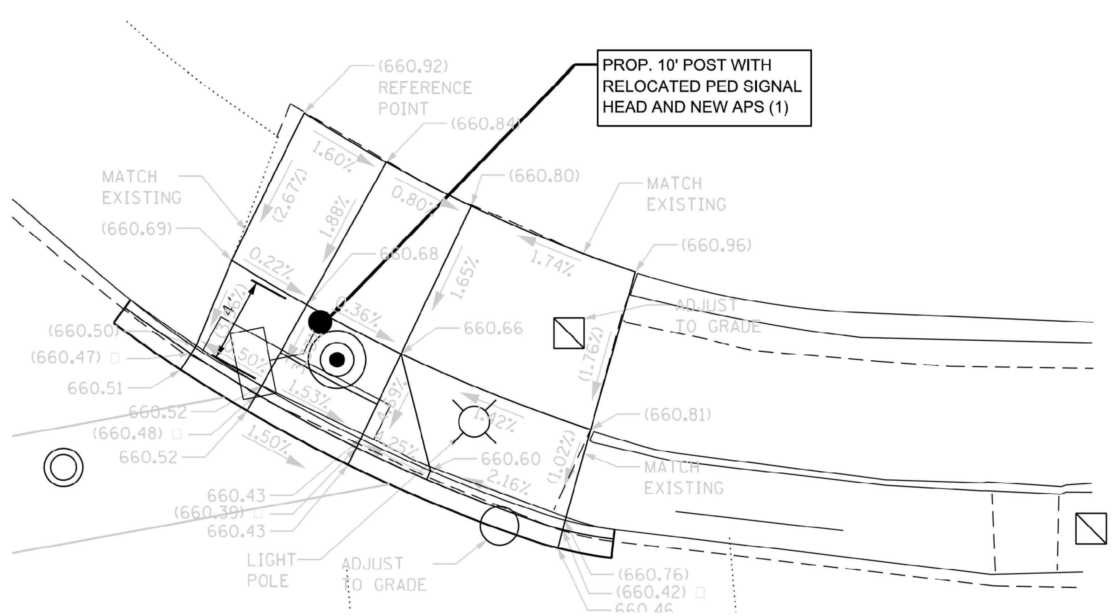
MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Ileris\Design\Sht\O162P95-sht-TS27-MOD1 Tower Road.dgn



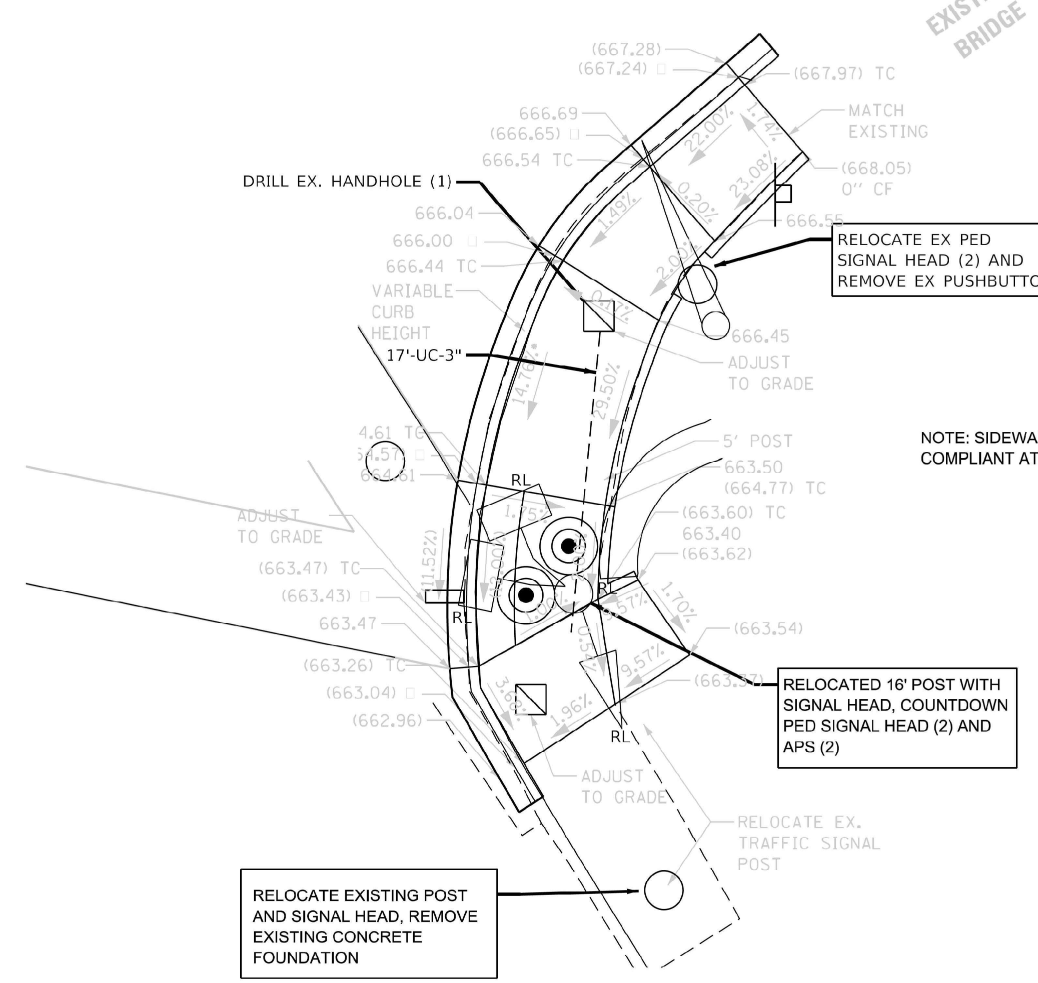
TOWER ROAD WEST NW CORNER DETAIL, 1" = 5'



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



TOWER ROAD WEST NE CORNER DETAIL, 1" = 5'



NOTE: SIDEWALK SLOPES WILL NOT BE COMPLIANT AT THIS LOCATION.

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

TS 15350

TS SHT NO. 28

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Ifen\s\Design\Sht\D162P95-sht-TS28-MOD2 Tower Road.dgn

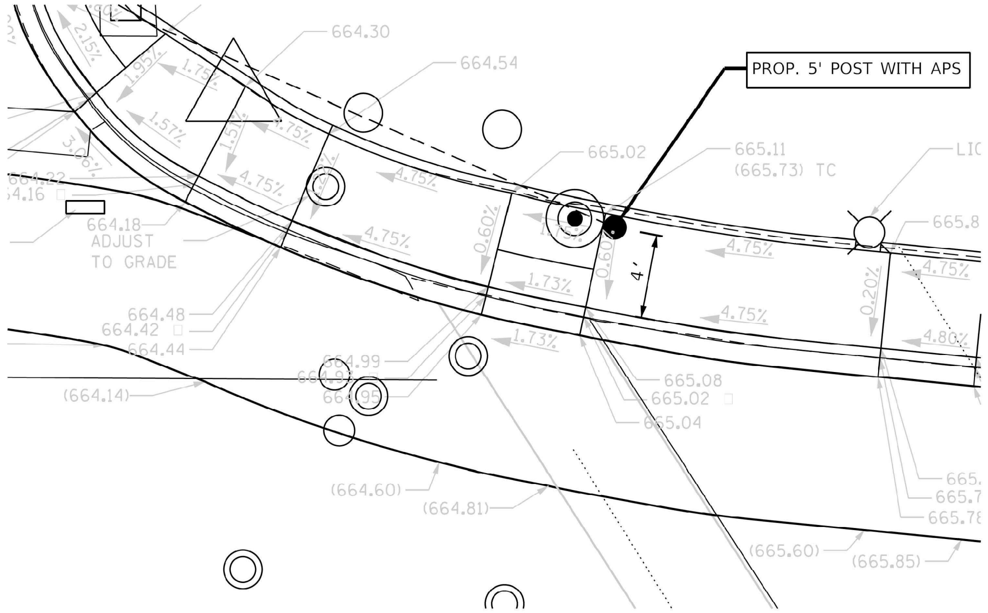
AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Srahman	DESIGNED - TM	REVISED -
		DRAWN - TM	REVISED -
	PLOT SCALE = 39.9984 ' / In.	CHECKED - AS	REVISED -
	PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 2 OF 3)
GREEN BAY ROAD AND TOWER 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	86
		CONTRACT NO. 62W73		
	ILLINOIS	FED. AID PROJECT		



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

TS 15350

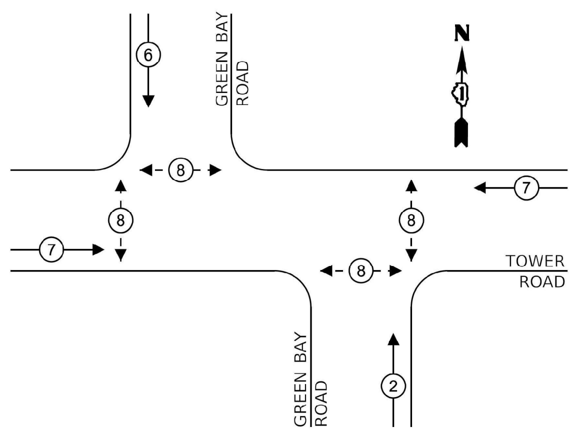
AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Srahman	DESIGNED - TM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 3 OF 3) GREEN BAY ROAD AND TOWER ROAD
		DRAWN - TM	REVISED -		
	PLOT SCALE = 39.9984 ' / In.	CHECKED - AS	REVISED -		
	PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -		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	87
		CONTRACT NO. 62W73		
		ILLINOIS FED. AID PROJECT		

TS SHT NO. 29

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Itaris\Design\Sht\O162P95-sht-TS29-MOD3 Tower Road.dgn

EXISTING AND PROPOSED CONTROLLER SEQUENCE



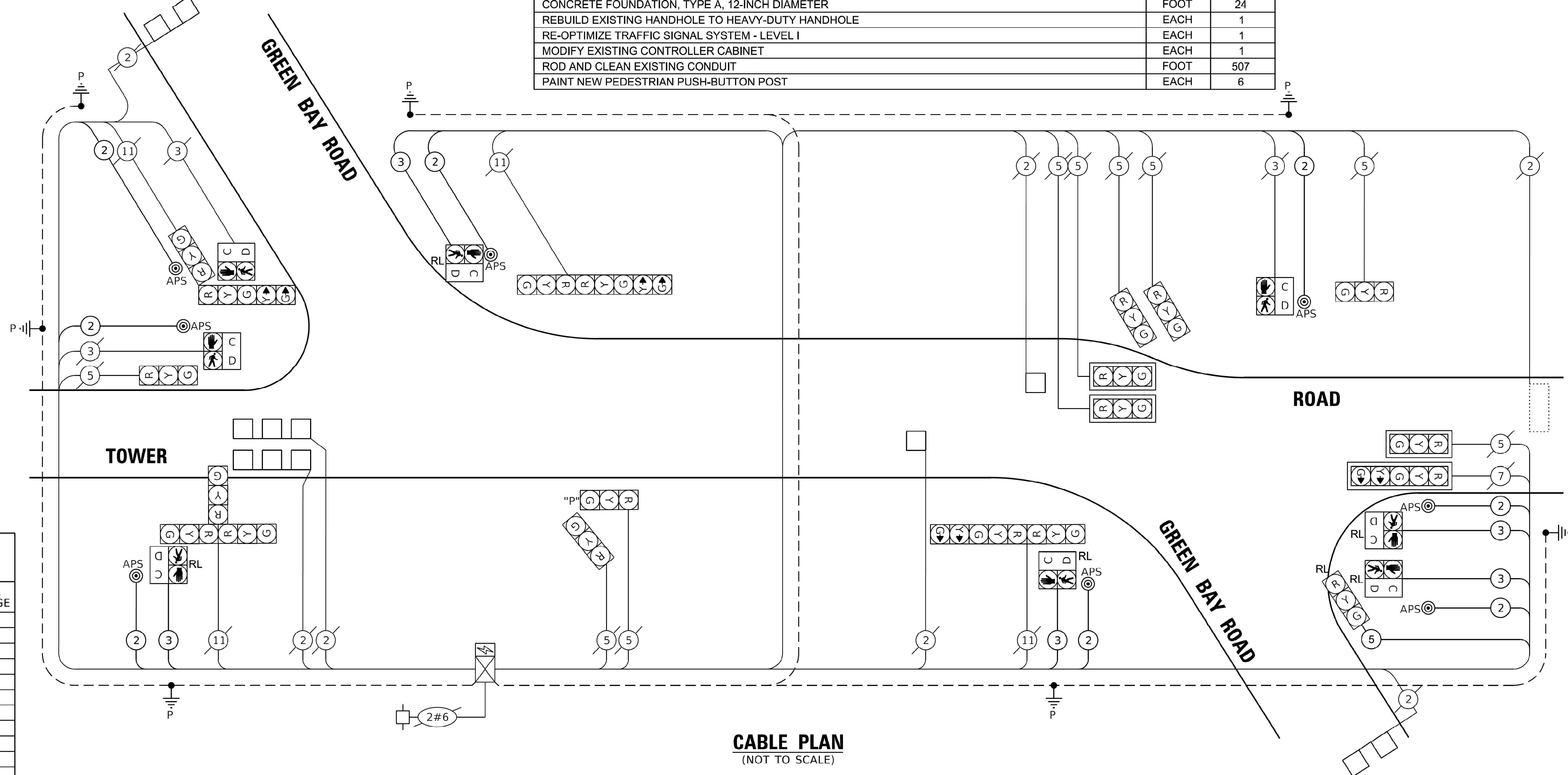
LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

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

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)

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: -

TS 15350

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

USER NAME = Srahman
PLOT SCALE = 39.998 ' / In.
PLOT DATE = 12/9/2024

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

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

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Ikeris\Design\Sht\D162P95-sht-TS30-CAB Tower Road.dgn

TS SHT NO. 30

unneccessary ϕ's
2+6 on Recall

... OF OPERATION

MOVEMENT																
PHASE	2 + 6								~~1 + 6~~							
INTERVAL	1	2	3A	3B	4A	4B	5A	5B	6	7	8A	8B	9A	9B	10A	10B
CHANGE TO	/	/	~~1+6~~		~~2+5~~		4+8		/	/	2+6		2+5		4+8	
GREEN BAY ROAD (NORTH LEG) S/B ALL SIGNALS	G	G	G	G	Y	R	Y	R	G	G	G	G	Y	R	Y	R
GREEN BAY ROAD (SOUTH LEG) N/B ALL SIGNALS	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R
TOWER ROAD AT GREEN BAY ROAD (NORTH LEG) E/B ALL SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
TOWER ROAD AT GREEN BAY ROAD (NORTH LEG) W/B FAR RIGHT AND NEAR RIGHT SIGNALS	R G►	R G►	R G►	R G►	R G►	R G►	R ~~G►~~	R ~~G►~~	R G►	R G►	R G►	R G►	R G►	R G►	R G►	R G►
TOWER ROAD AT GREEN BAY ROAD (NORTH LEG) W/B MID RIGHT AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
TOWER ROAD AT GREEN BAY ROAD (SOUTH LEG) E/B FAR LEFT AND END MAST ARM SIGNALS	R	R	R	R	R	R	R	R	G	G	Y	R	Y	R	G	G
TOWER ROAD AT GREEN BAY ROAD (SOUTH LEG) E/B RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R G►	R G►	R G►	R G►	R G►	R G►	R ~~G►~~	R ~~G►~~	G	G	Y G►	R G►	Y G►	R G►	G	G
TOWER ROAD AT GREEN BAY ROAD (SOUTH LEG) W/B ALL SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
PEDESTRIAN SIGNALS CROSSING TOWER ROAD ON WESTSIDE OF GREEN BAY ROAD (NORTH LEG)	*W	**FL DW	W	W	DW	DW	DW	DW	*W	**FL DW	W	W	DW	DW	DW	DW
PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD (NORTH LEG) ON NORTHSIDE OF TOWER ROAD	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
PEDESTRIAN SIGNALS CROSSING TOWER ROAD ON EASTSIDE OF GREEN BAY ROAD (SOUTH LEG)	*W	**FL DW	DW	DW	W	W	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD (SOUTH LEG) ON SOUTHSIDE OF TOWER ROAD	DW	DW	DW	DW	DW	DW	DW	DW	*W	**FL DW	DW	DW	DW	DW	W	W

MOVEMENT																	
PHASE	~~2 + 5~~								4 + 8								FLASH
INTERVAL	11	12	13A	13B	14A	14B	15A	15B	16	17	18A	18B	19A	19B	20A	20B	
CHANGE TO	/	/	2+6		1+6		4+8		/	/	2+6		~~1+6~~		~~2+5~~		
GREEN BAY ROAD (NORTH LEG) S/B ALL SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
GREEN BAY ROAD (SOUTH LEG) N/B ALL SIGNALS	G	G	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R
TOWER ROAD AT GREEN BAY ROAD (NORTH LEG) E/B ALL SIGNALS	R	R	R	R	R	R	R	R	G	G	Y	R	Y	R	Y	R	R
TOWER ROAD AT GREEN BAY ROAD (NORTH LEG) W/B FAR RIGHT AND NEAR RIGHT SIGNALS	G	G	Y G►	R G►	Y G►	R G►	G	G	G	G	Y ~~G►~~	R ~~G►~~	Y G►	R G►	G	G	R
TOWER ROAD AT GREEN BAY ROAD (NORTH LEG) W/B MID RIGHT AND FAR LEFT SIGNALS	G	G	Y	R	Y	R	G	G	G	G	Y	R	Y	R	G	G	R
TOWER ROAD AT GREEN BAY ROAD (SOUTH LEG) E/B FAR LEFT AND END MAST ARM SIGNALS	R	R	R	R	R	R	R	R	G	G	Y	R	G	G	Y	R	R
TOWER ROAD AT GREEN BAY ROAD (SOUTH LEG) E/B RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R G►	R G►	R G►	R G►	R G►	R G►	R G►	R G►	G	G	Y ~~G►~~	R ~~G►~~	G	G	Y G►	R G►	R
TOWER ROAD AT GREEN BAY ROAD (SOUTH LEG) W/B ALL SIGNALS	R	R	R	R	R	R	R	R	G	G	Y	R	Y	R	Y	R	R
PEDESTRIAN SIGNALS CROSSING TOWER ROAD ON WESTSIDE OF GREEN BAY ROAD (NORTH LEG)	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	D
PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD (NORTH LEG) ON NORTHSIDE OF TOWER ROAD	*W	**FL DW	DW	DW	DW	DW	W	W	*W	**FL DW	DW	DW	DW	DW	W	W	A
PEDESTRIAN SIGNALS CROSSING TOWER ROAD ON EASTSIDE OF GREEN BAY ROAD (SOUTH LEG)	*W	**FL DW	W	W	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	R
PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD (SOUTH LEG) ON SOUTHSIDE OF TOWER ROAD	DW	DW	DW	DW	DW	DW	DW	DW	*W	**FL DW	DW	DW	DW	DW	DW	DW	K

* 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"

TS2 Cabinet.
Neg. OL
Removed

EXISTING SEQUENCE OF OPERATION

TOWER RD AT LINDEN/GREEN BAY	A+B									A			B			C									FLASH
MOVEMENT	W/ PED. ACT.					W/O PED. ACT.				W/O PED. ACT.			W/O PED. ACT.			W/ PED. ACT.					W/O PED. ACT.				
INTERVAL	1a	1b	2a	2b	2c	1	2a	2b	2c	3	4a	4b	5	6a	6b	7a	7b	8a	8b	8c	7	8a	8b	8c	
CLEARANCE	/	/	TO A	TO B	TO C	/	TO A	TO B	TO C	/	TO C	TO A+B	/	TO C	TO A+B	/	/	TO WB	TO A	TO B	/	TO A/B	TO A	TO B	
SB LINDEN AT TOWER, ALL	G	G	G	Y	Y	G	G	Y	Y	G	Y	G	R	R	R	R	R	R	R	R	R	R	R	R	R
NB GREEN BAY AT TOWER, ALL	G	G	Y	G	Y	G	Y	G	Y	R	R	R	G	Y	G	R	R	R	R	R	R	R	R	R	R
EB TOWER AT LINDEN, ALL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	Y	Y	G	Y	Y	Y	R
WB TOWER AT LINDEN NEAR AND FAR RIGHT	R G	R G	R G	R G	R G	R G	R G	R G	R G	R G	R G	R G	G	G	Y G	G	G	Y G	Y G	Y G	G	Y G	Y G	Y G	R
WB TOWER AT LINDEN MID RIGHT AND FAR LEFT	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	G	G	Y	Y	Y	G	Y	Y	Y	R
EB TOWER AT GREEN BAY FAR LEFT	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	G	G	Y	G	Y	G	Y	G	Y	R
EB TOWER AT GREEN BAY FAR AND NEAR RIGHT	R G	R G	R G	R G	R G	R G	R G	R G	R G	G	G	Y G	R G	R G	R G	G	G	Y G	G	Y G	G	Y G	G	Y G	R
WB TOWER AT GREEN BAY, ALL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	Y	Y	G	Y	Y	Y	R
N/S PED AT LINDEN	W	FL DW	DW	DW	DW	DW	DW	DW	DW	** DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DARK
E/W PED. AT LINDEN	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	W	FL DW	DW	DW	DW	DW	DW	DW	DW	DARK
N/S PED. AT GREEN BAY	W	FL DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	** DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DARK
E/W PED. AT GREEN BAY	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	W	FL DW	DW	DW	DW	DW	DW	DW	DW	DARK

* GREEN ARROW RIGHT (G→) CHANGES TO YELLOW ARROW RIGHT (Y→) IF PEDESTRIAN CALL IS REGISTERED ON PHASE "C" (INTERVALS 2c, 4 & 6)

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

TS 15350

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

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	89
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

TS SHT NO. 31

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Ibris\Design\Sht\D162P95-sht-TS31-SEQ Tower Road.dgn

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.

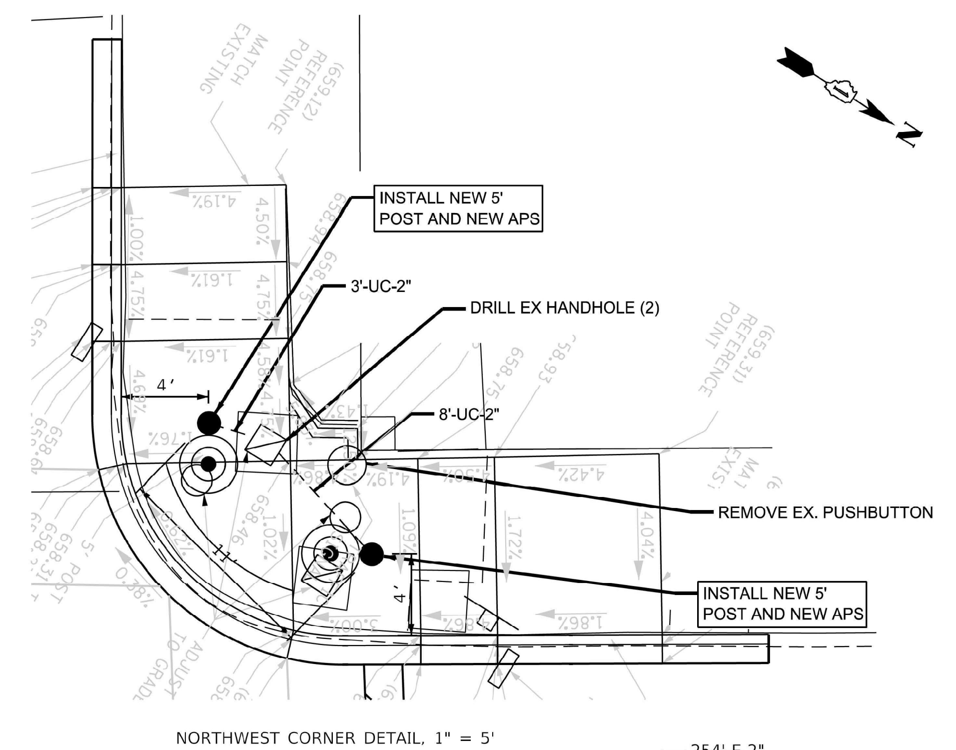
4 EACH PEDESTRIAN PUSH-BUTTON

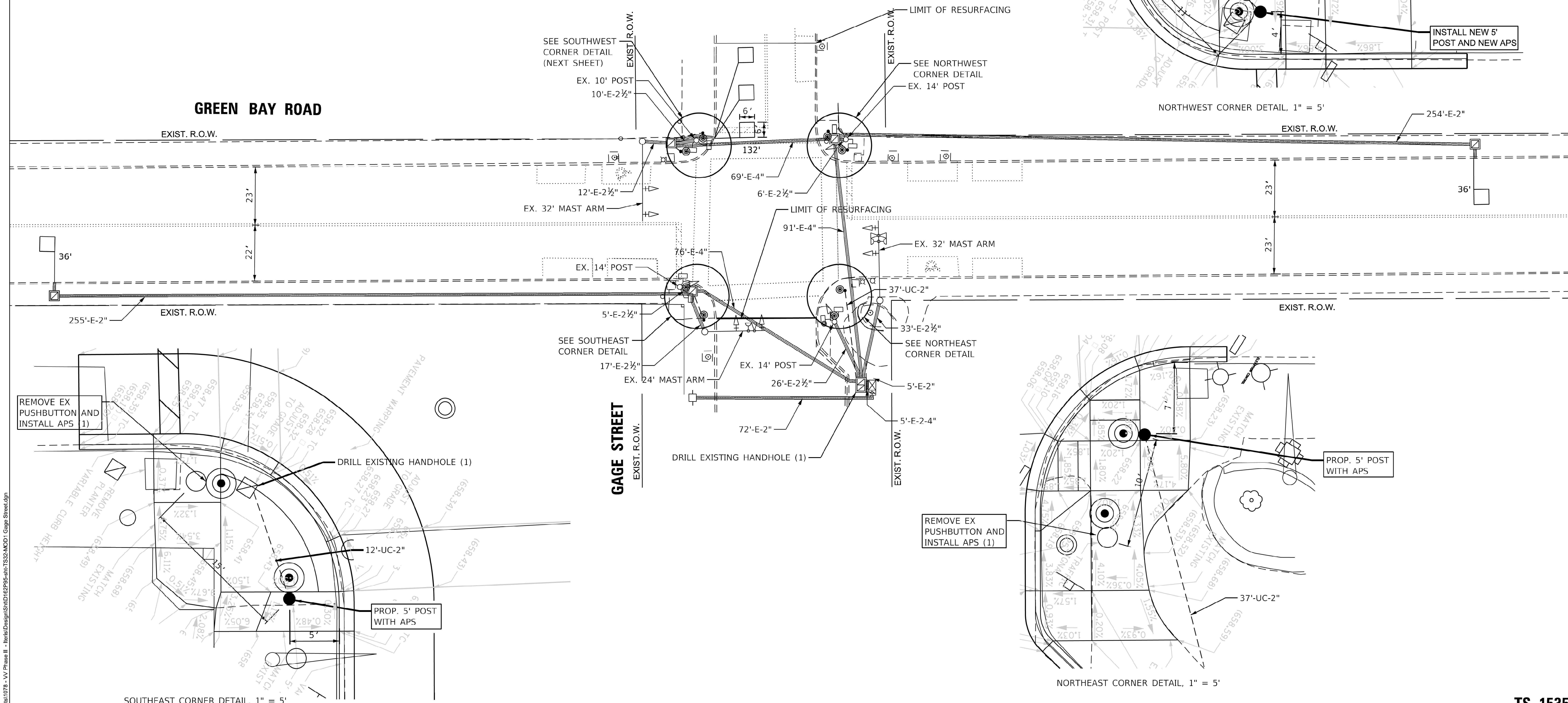
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED LOCATION.

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

NOTES:

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. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
9. 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.





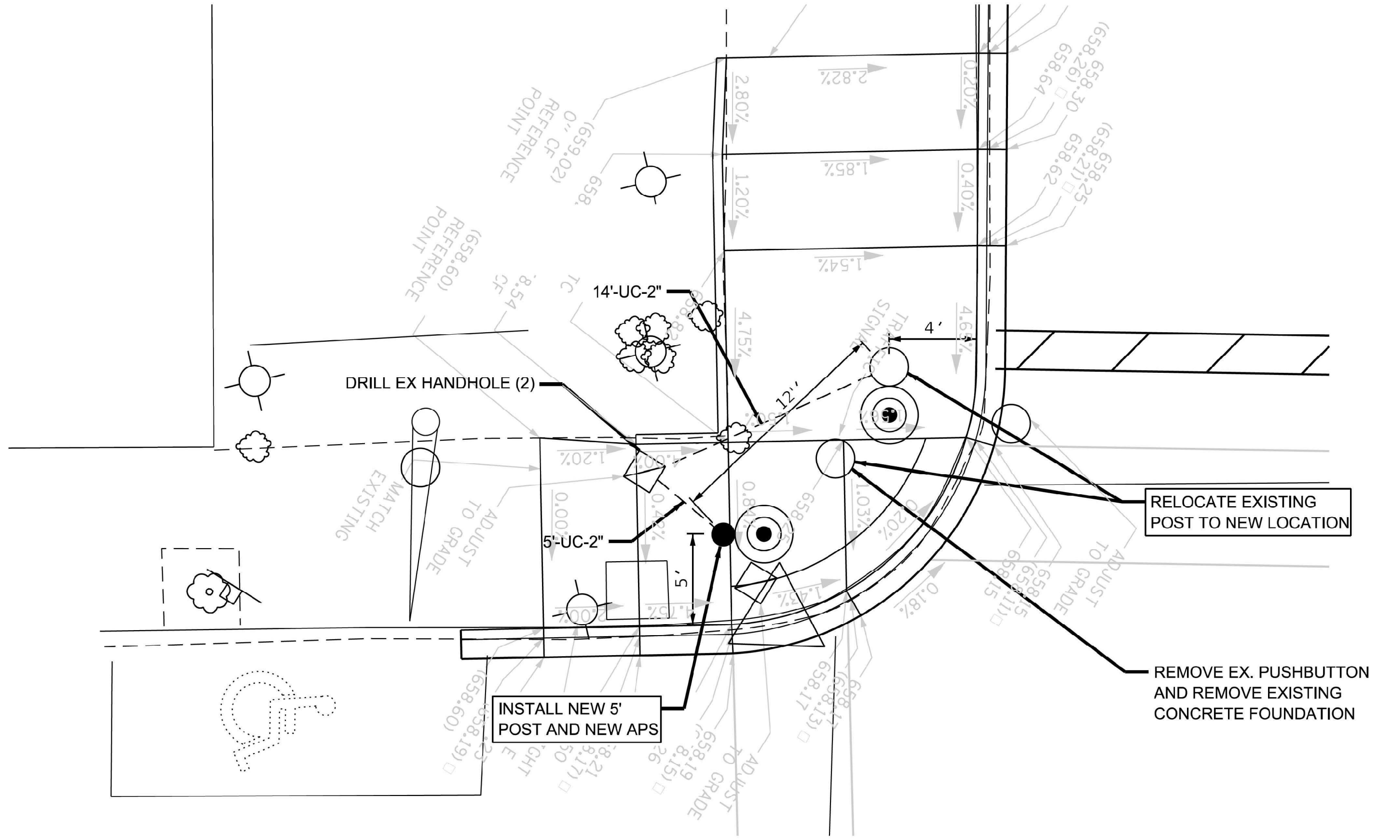
TS 15355

TS SHT NO. 32

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Ifer\s\Design\Sht\D162P95-sht-TS32-MOD1 Gage Street.dgn

AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = Srahman	DESIGNED - TM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 2) GREEN BAY ROAD AND GAGE STREET	
		DRAWN - TM	REVISED -			
	PLOT SCALE = 39.9984 ' / In.	CHECKED - AS	REVISED -			
	PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -		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	90
		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



SOUTHWEST CORNER DETAIL, 1" = 5'

TS 15355

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 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

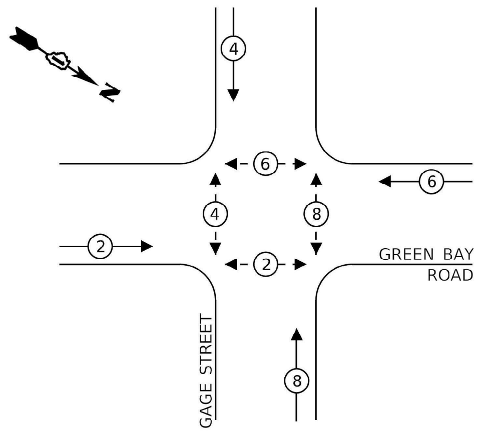
TS SHT NO. 33

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Itemis\Design\Sht\D162P95-sht-TS33-MOD2 Gage Street.dgn

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

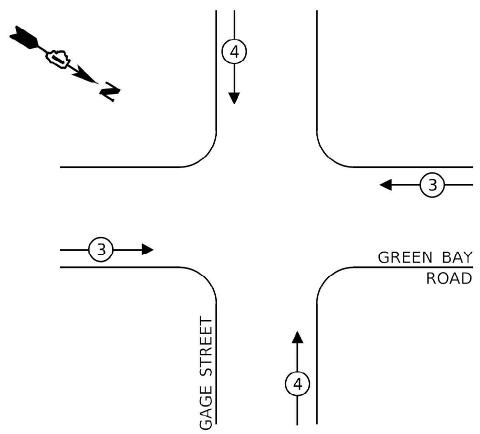
EXISTING AND PROPOSED CONTROLLER SEQUENCE

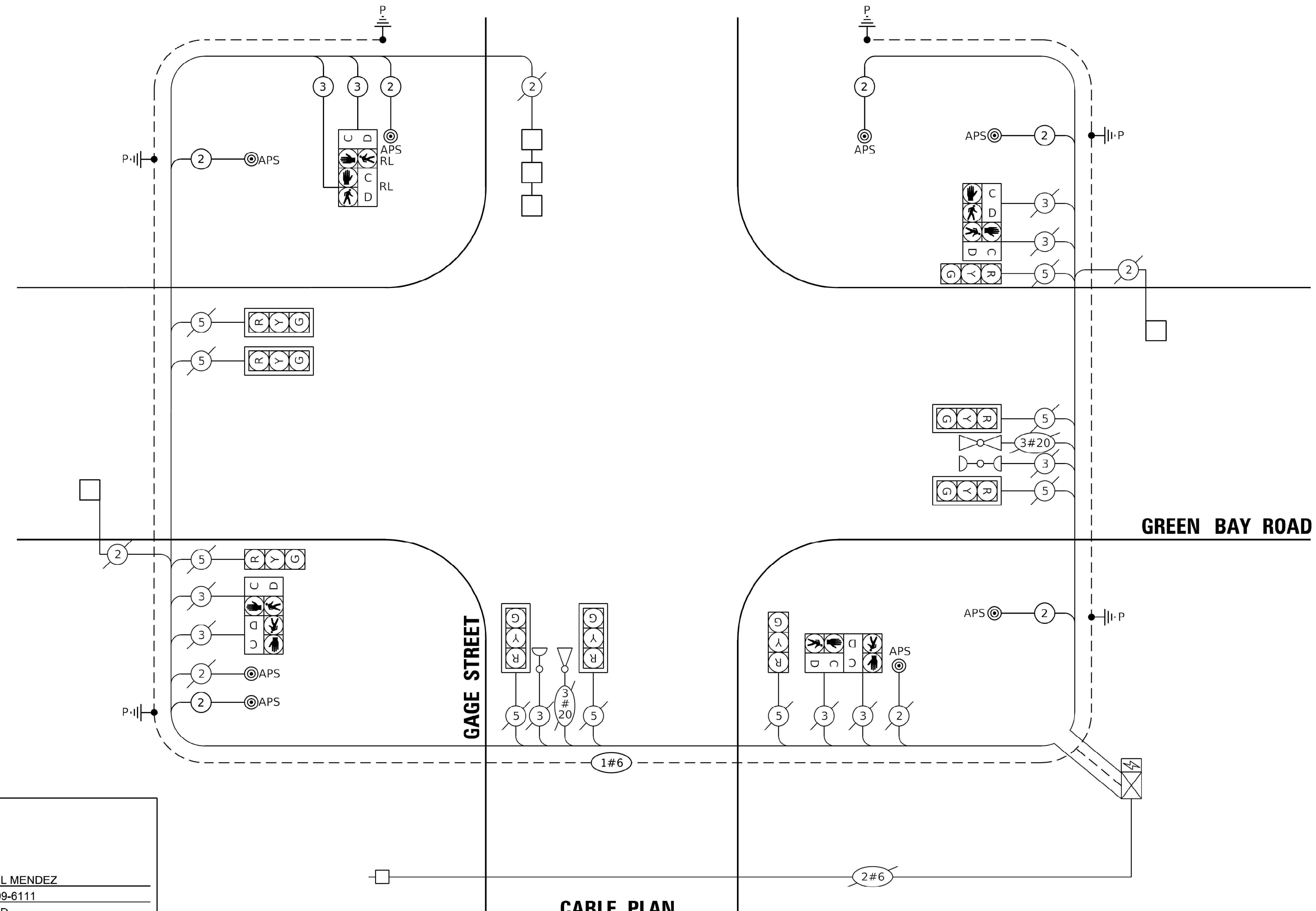


LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE





CABLE PLAN
(NOT TO SCALE)

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: -

TS 15355

TS SHT NO. 34

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Itera\Design\Sht\D162P95-sht-TS34-CAB Gage 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 = 39.998 ' / in.	CHECKED - AS	REVISED -
PLOT DATE = 12/9/2024	DATE - 12-09-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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.

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

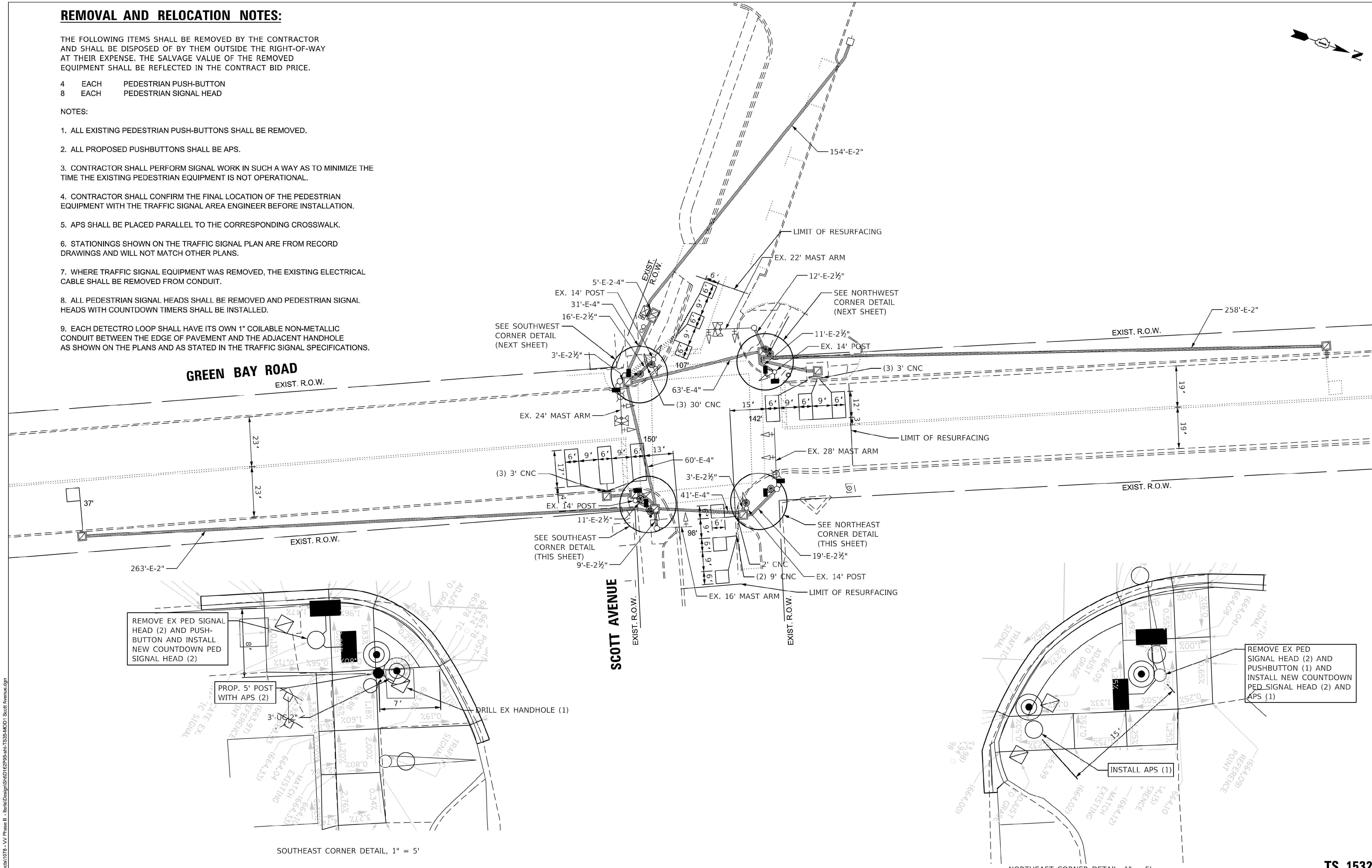
REMOVAL AND RELOCATION NOTES:

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:

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. ALL PEDESTRIAN SIGNAL HEADS SHALL BE REMOVED AND PEDESTRIAN SIGNAL HEADS WITH COUNTDOWN TIMERS SHALL BE INSTALLED.
9. 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.



TS 15328

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 SHT NO. 35

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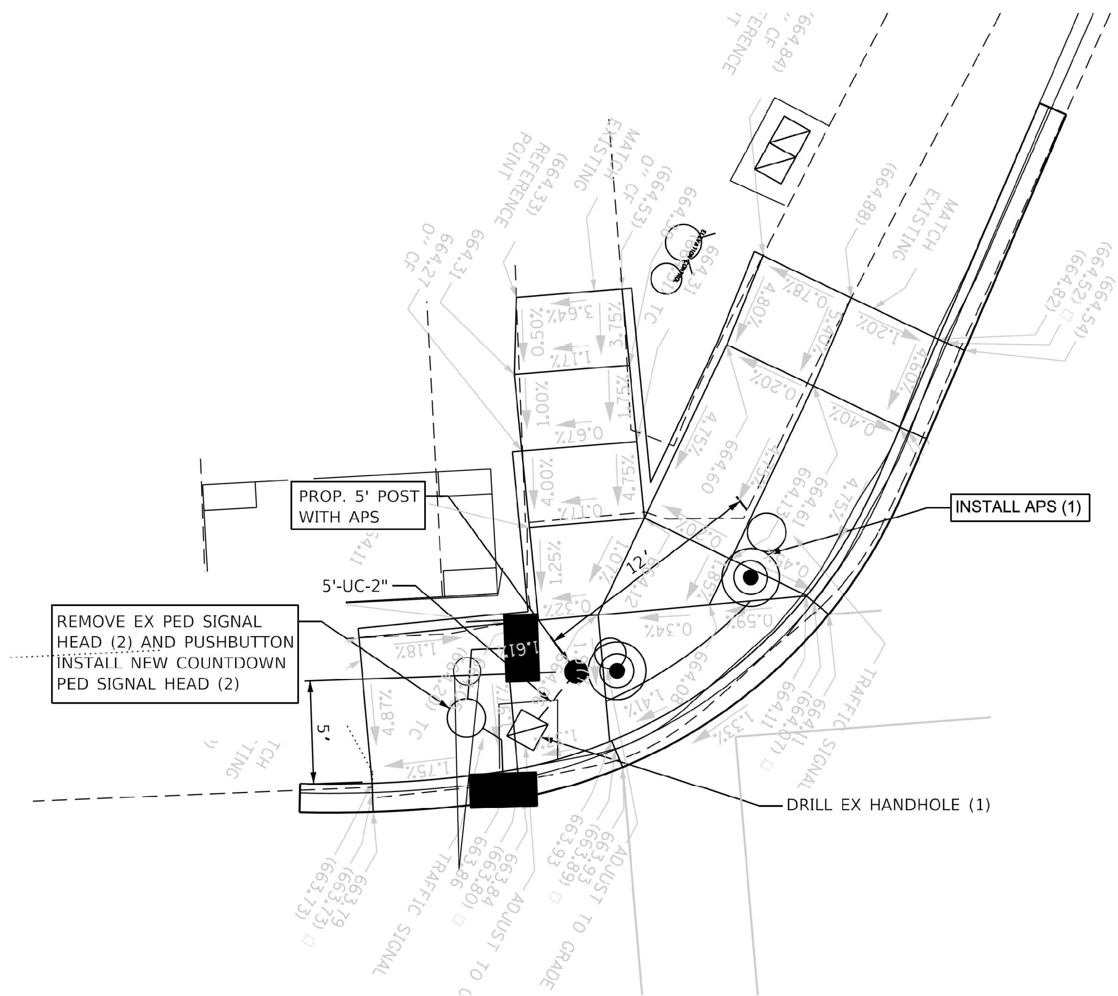
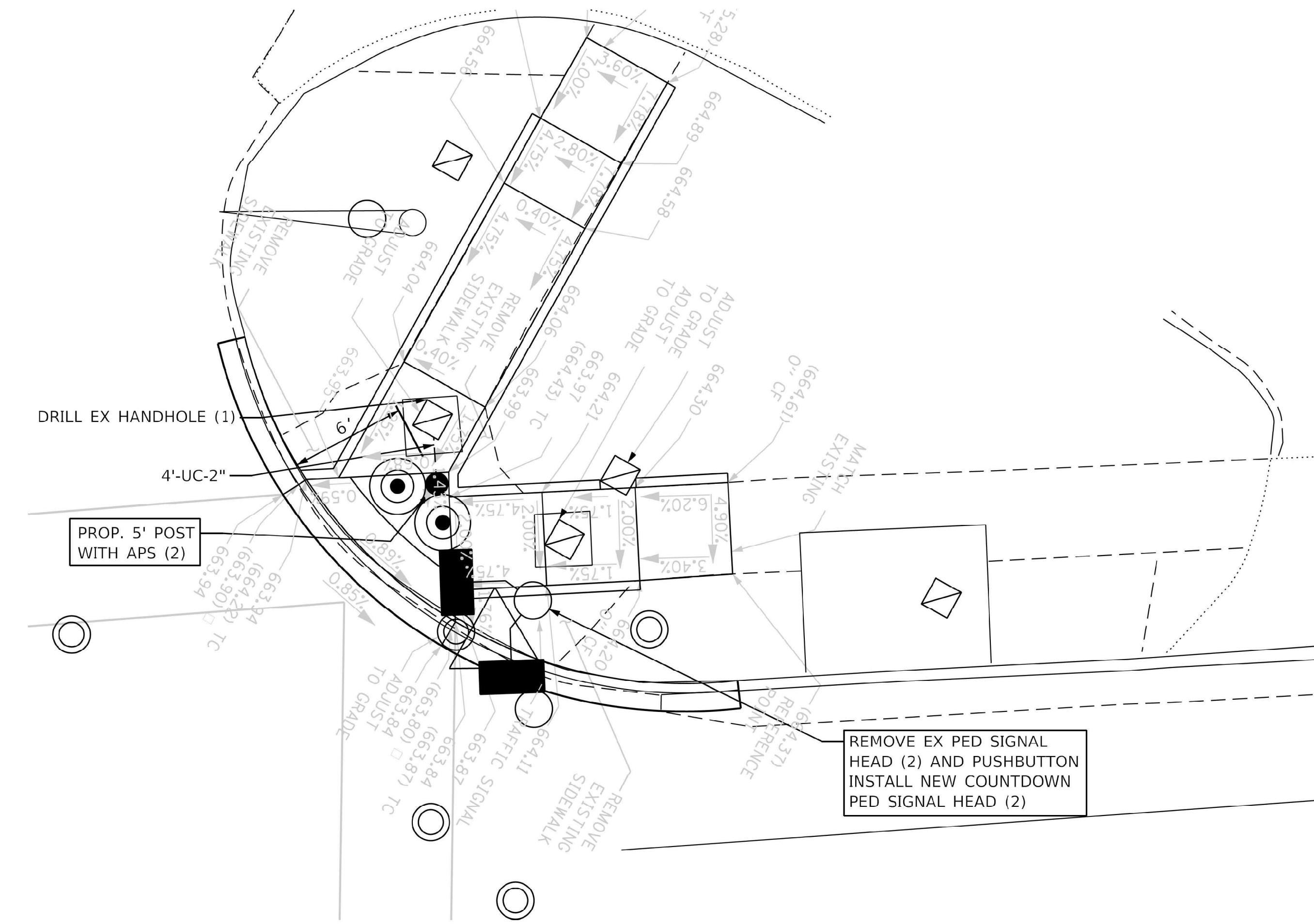


SOUTHWEST CORNER DETAIL, 1" = 5'



NORTHWEST CORNER DETAIL, 1" = 5'

TS 15328

TS SHT NO. 36

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6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

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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 -	

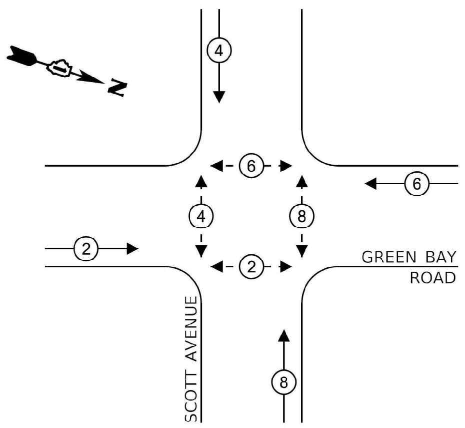
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 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	

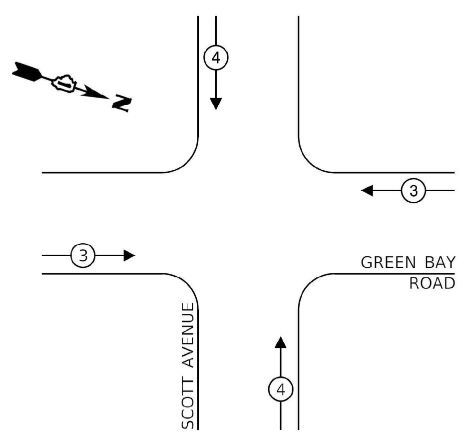
EXISTING AND PROPOSED CONTROLLER SEQUENCE

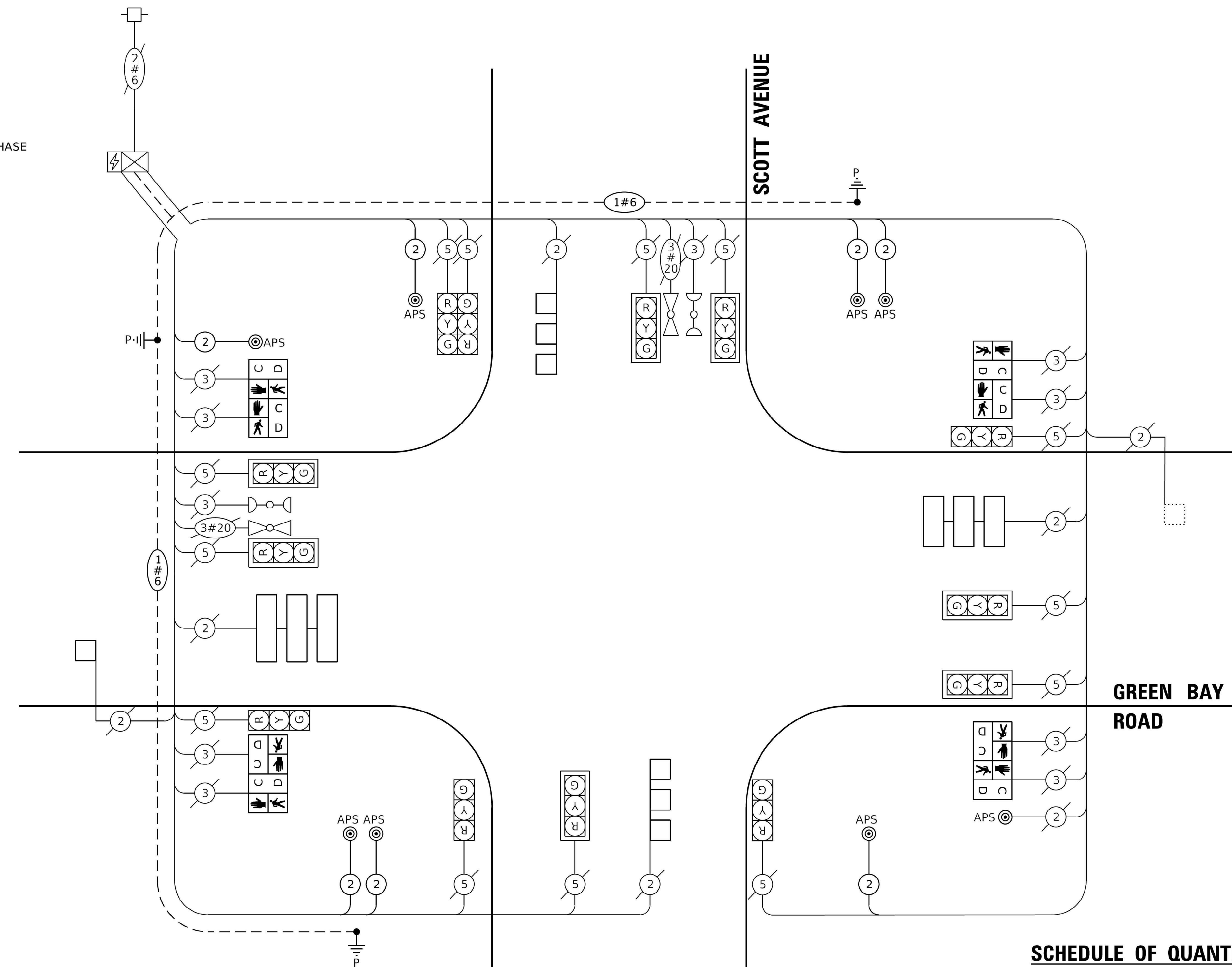


LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE





CABLE PLAN
(NOT TO SCALE)

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: -

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

TS 15328

TS SHT NO. 37

MODEL: Default
FILE NAME: F:\Projects\1078 - VV Phase II - Itoris\Design\Sht\D162P95-sht-TS37-CAB Scott Avenue.dgn

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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

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.

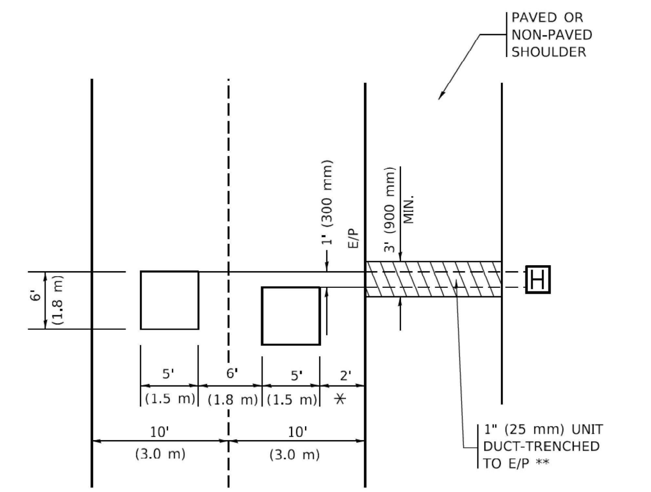
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	95

CONTRACT NO. 62W73

ILLINOIS FED. AID PROJECT

LOOPS NEXT TO SHOULDERS

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



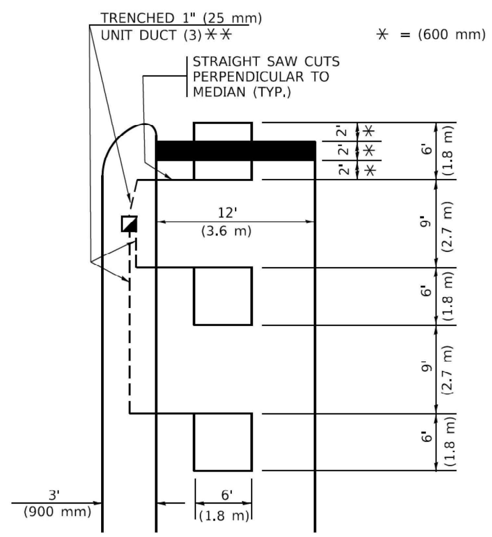
* = (600 mm)

** 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.

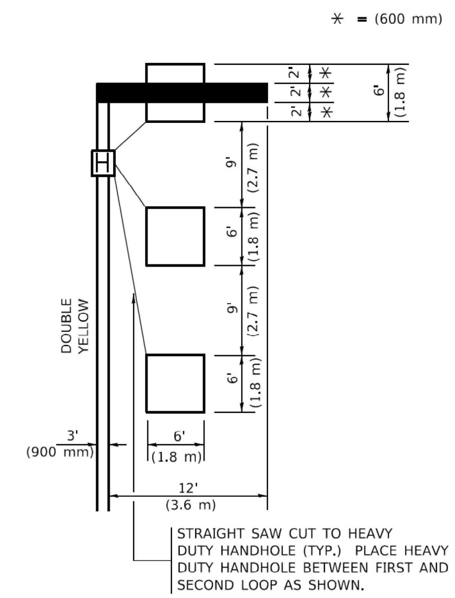


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

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.

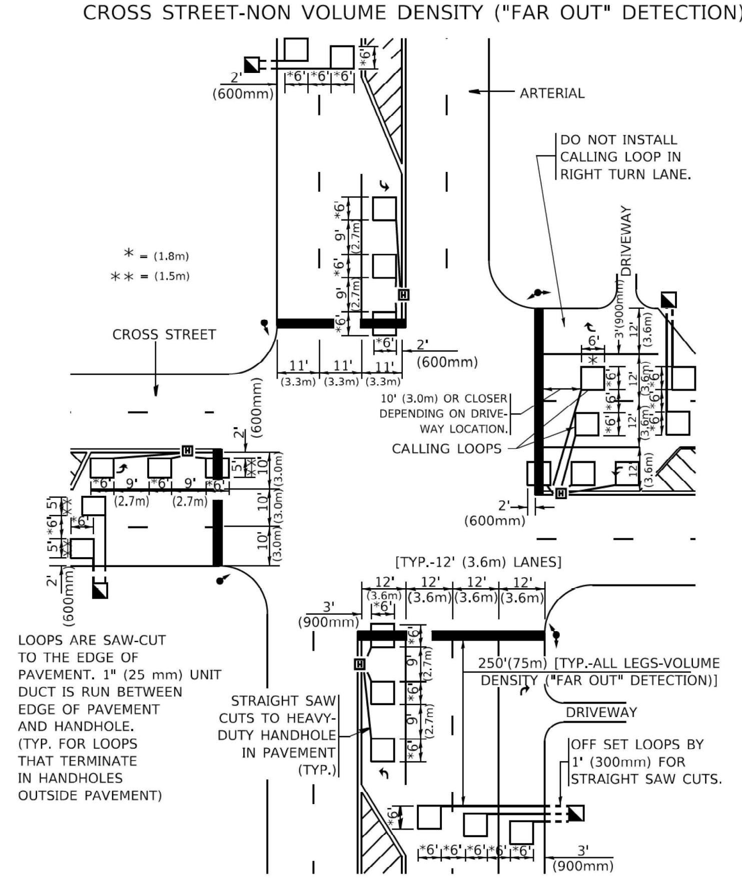
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0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

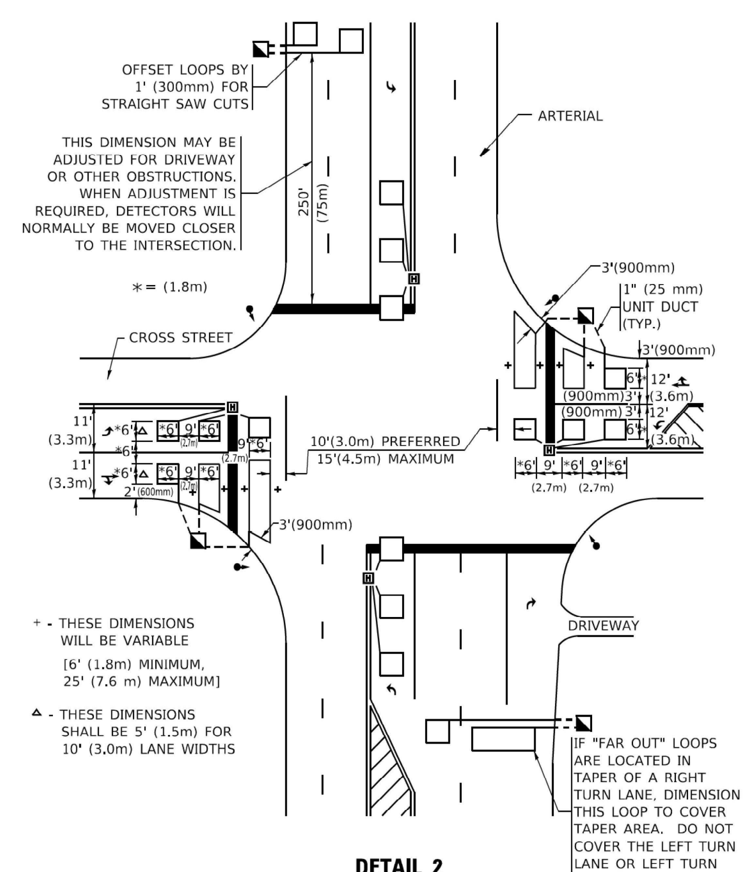
THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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



DETAIL 1
N.T.S.

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



DETAIL 2
N.T.S.

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

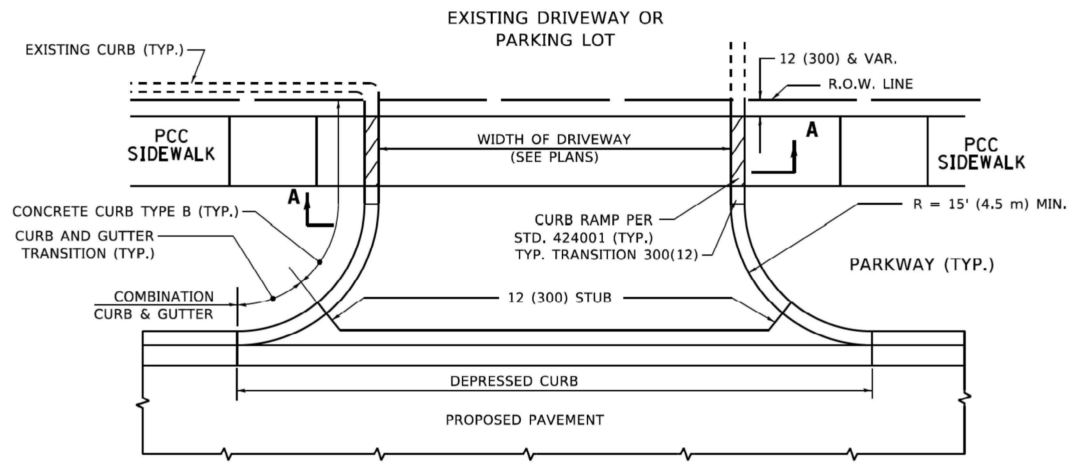
USER NAME = kcortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

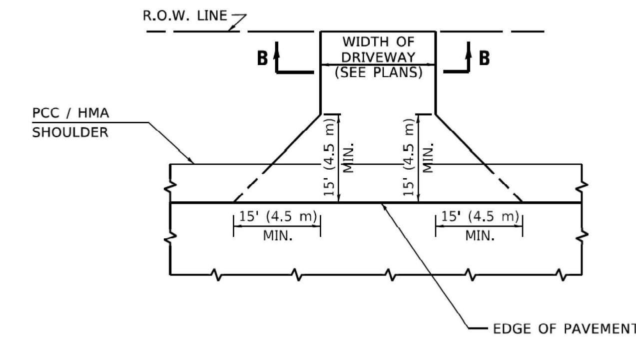
DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

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

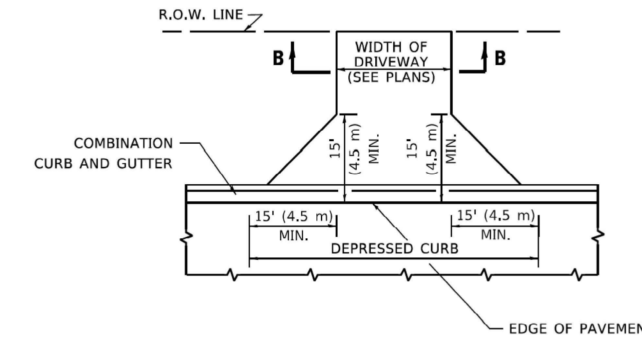
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	96
TS-07		CONTRACT NO. 62W73		
		ILLINOIS FED. AID PROJECT		



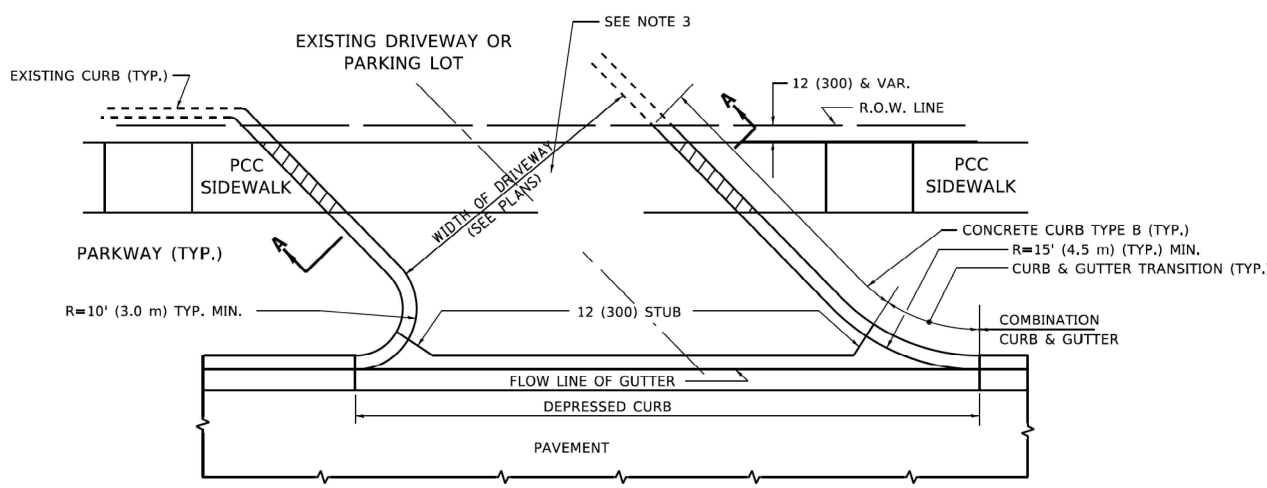
WITH CONCRETE CURB, TYPE B



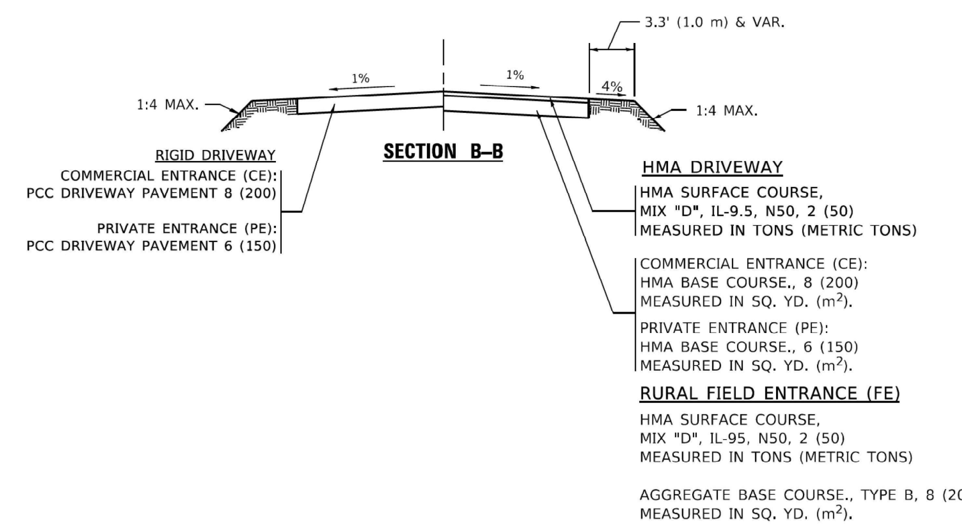
ADJACENT TO PCC /HMA SHOULDER



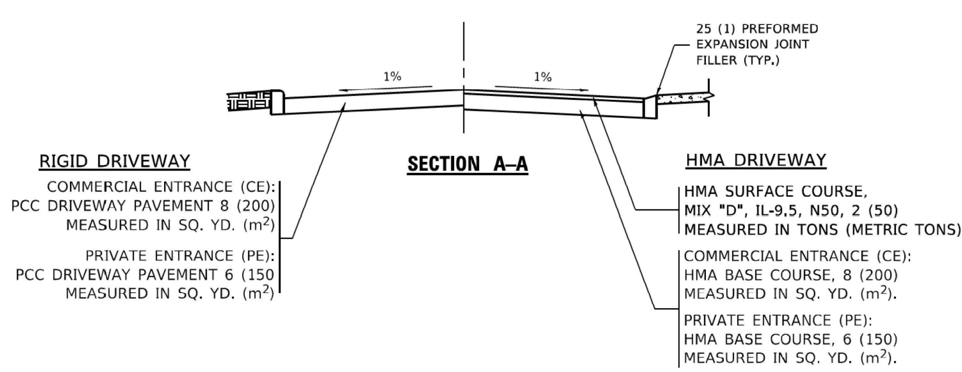
ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B



SECTION B–B



SECTION A–A

GENERAL NOTES

1. 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.

2. 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.

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USER NAME = Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 06-11-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - R. BORO 09-06-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-28-19	
PLOT DATE = 11/18/2022	DATE - 11-04-95	REVISED - K. SMITH 11-18-22	

DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER $\geq$15'(4.5m)

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.

BD400–01 (BD–01) | CONTRACT NO. | ILLINOIS | FED. AID PROJECT

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

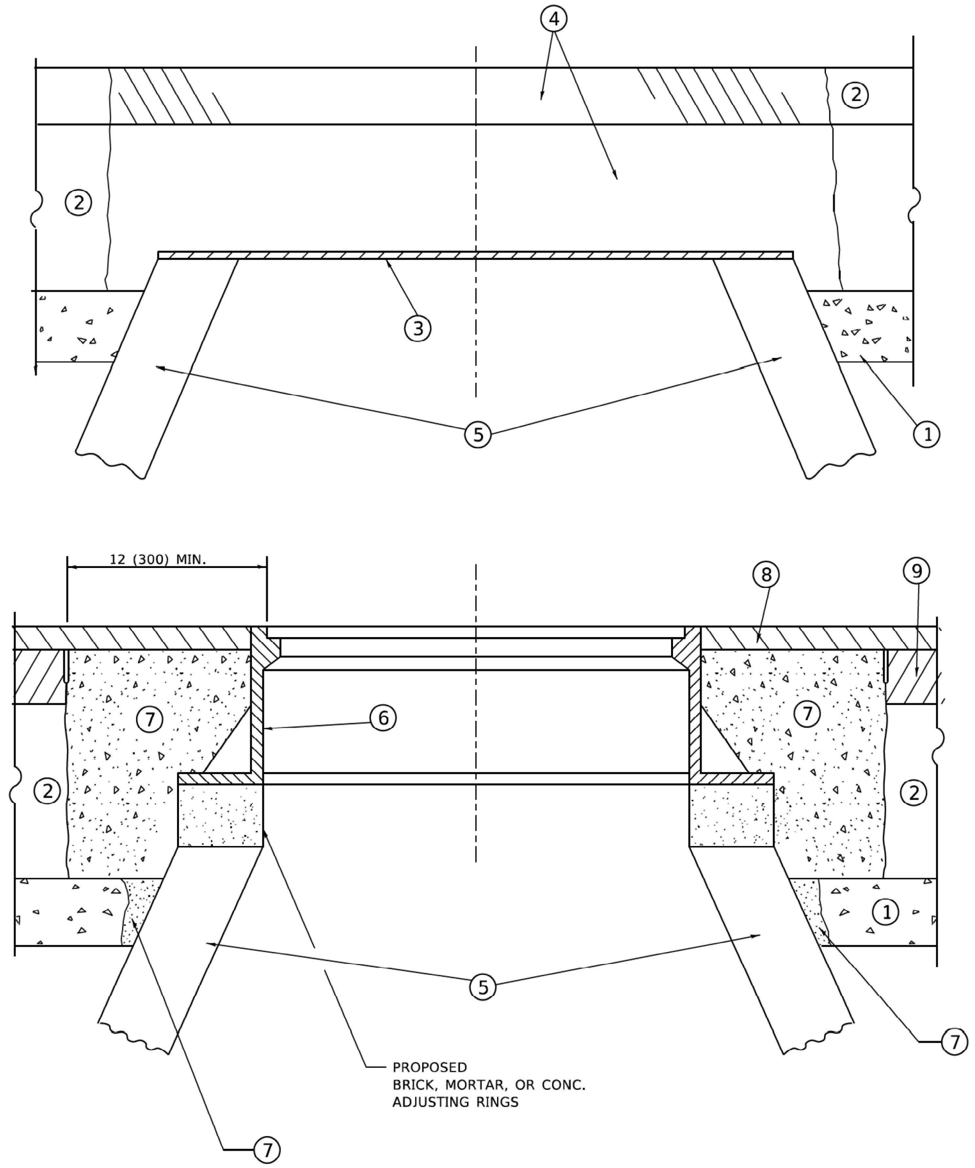
USER NAME = kcortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -	

GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
RRFB DETAIL

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	97

CONTRACT NO. 62W73 | ILLINOIS | FED. AID PROJECT



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

1. 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.
2. 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.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
D) 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)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
C) 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
2. EXISTING PAVEMENT
3. 36 (900) DIAMETER METAL PLATE
4. PROPOSED CRUSHED STONE AND HMA SURFACE MIX
5. EXISTING STRUCTURE
6. FRAME AND LID (SEE NOTES)
7. CLASS PP-2* CONCRETE
8. PROPOSED HMA SURFACE COURSE
9. PROPOSED HMA BINDER COURSE

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

1. 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)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. 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.

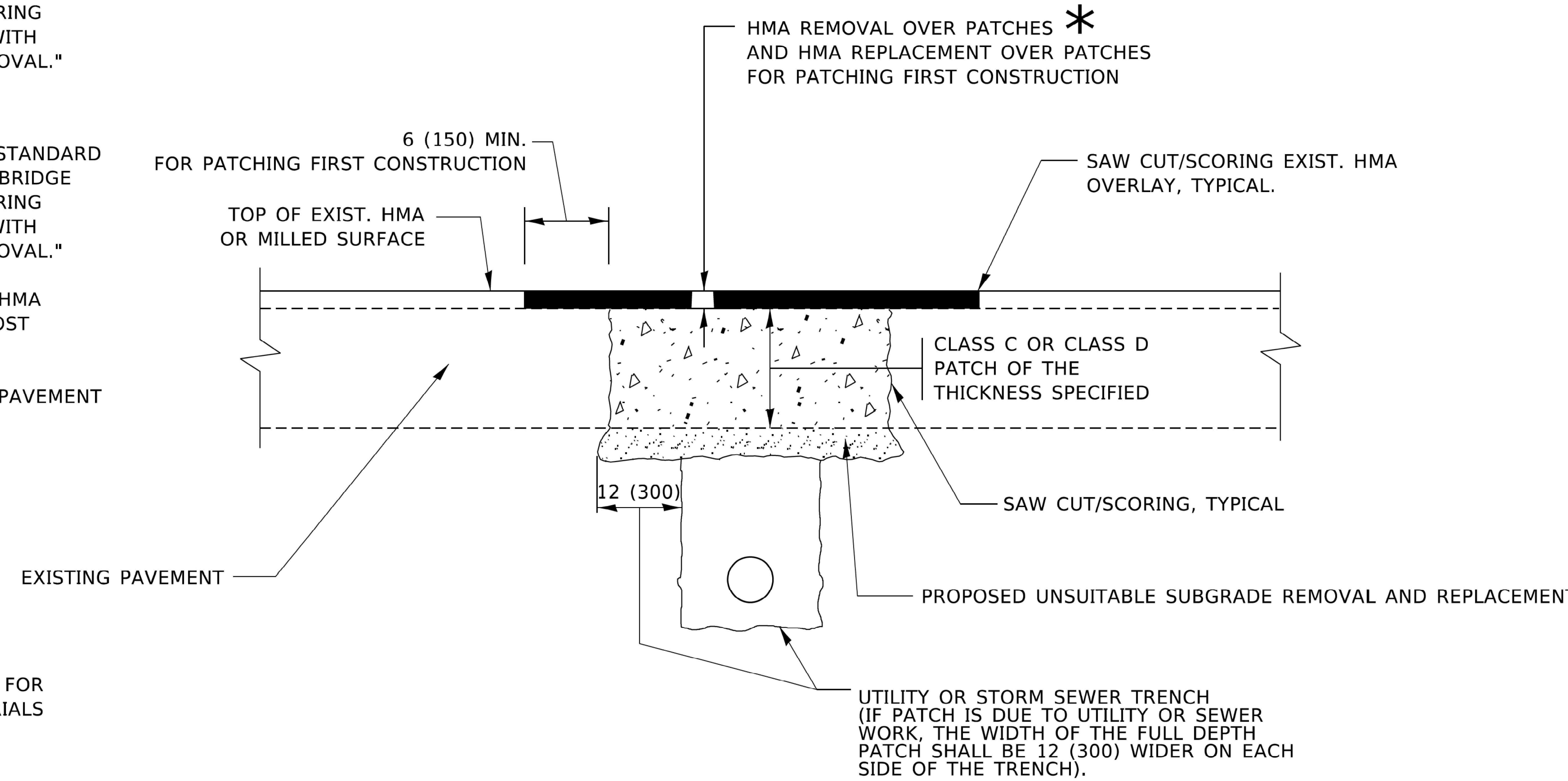
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

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)

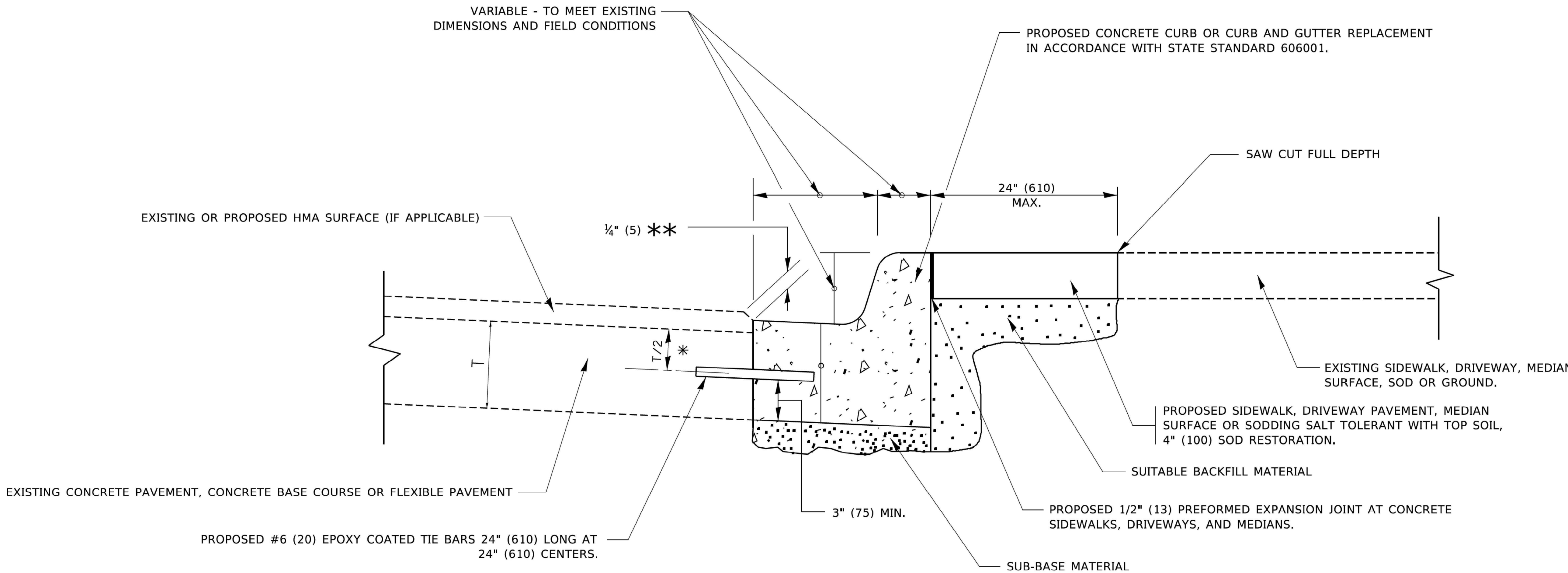
1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

MODEL: GN - Sheet 2
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-details.dgn

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = kcortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	
		DRAWN -	REVISED -			
		CHECKED -	REVISED -			
	PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -		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	99
BD400-04 (BD-22)		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



∗ 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 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-details.dgn

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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

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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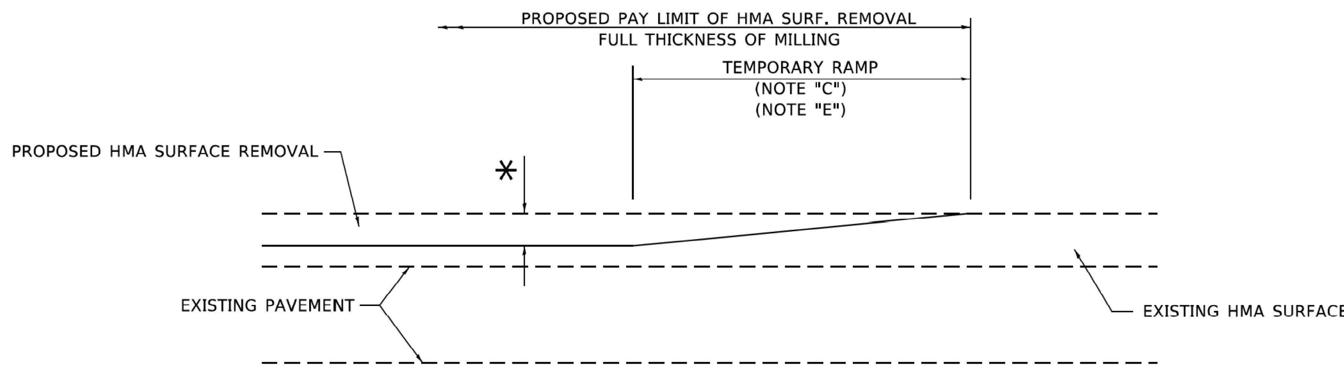
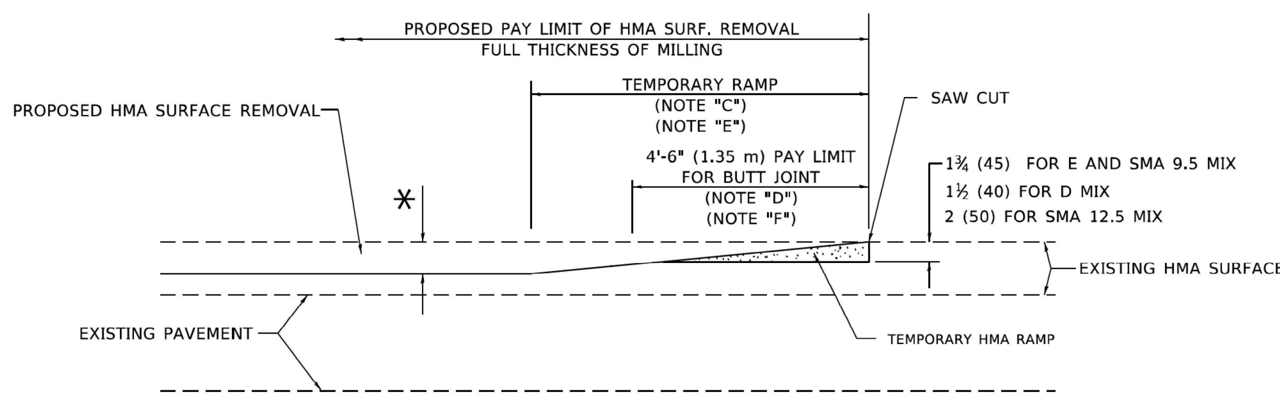
	BD600-06 (BD-24)	CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

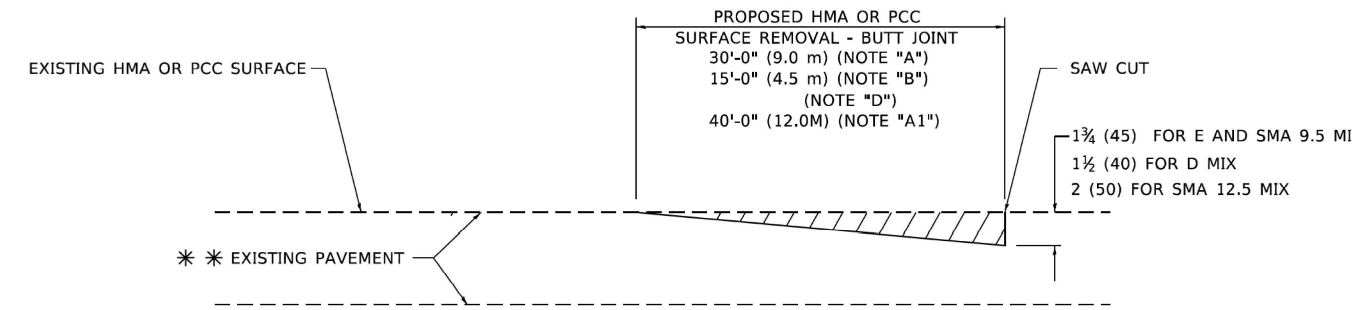


HMA CONSTRUCTED TEMPORARY RAMP

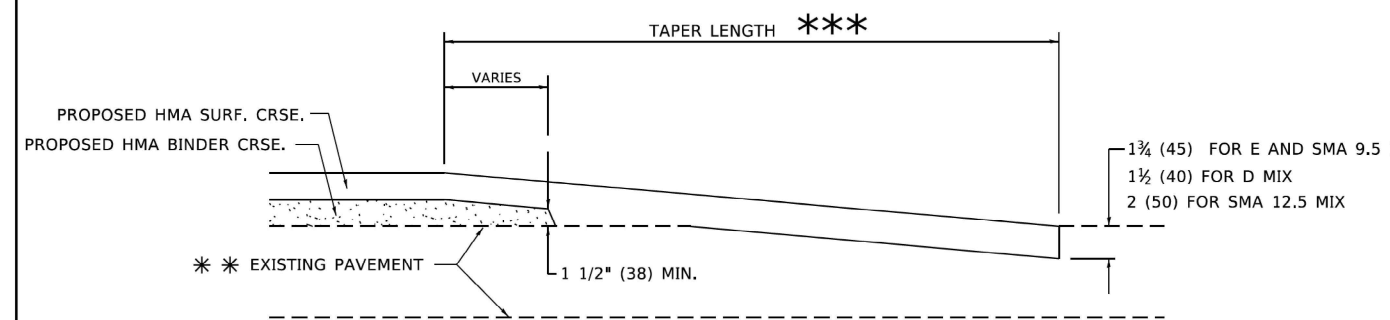
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



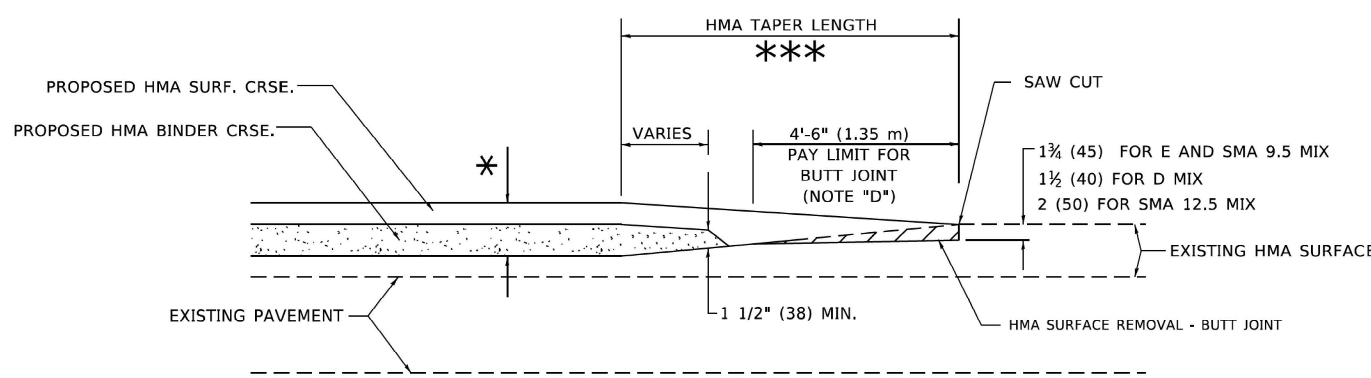
BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-details.dgn

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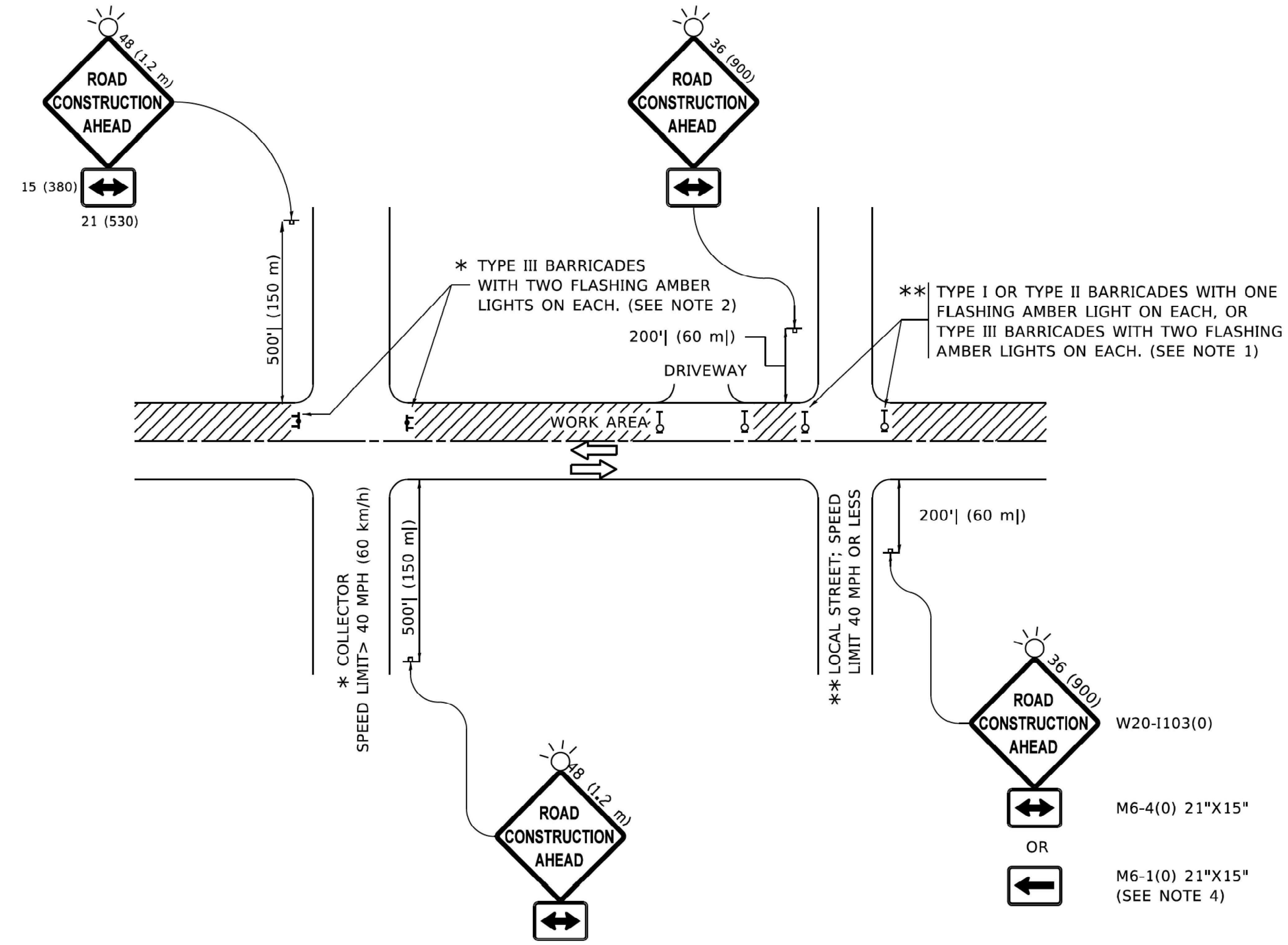
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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	



NOTES:

1. 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:
   a) 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.
   b) 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.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) 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.
   b) 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.
3. 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.
4. 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).
5. 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.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. 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.

MODEL: GN - Sheet 5
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-details.dgn

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	CHECKED -	REVISED -	
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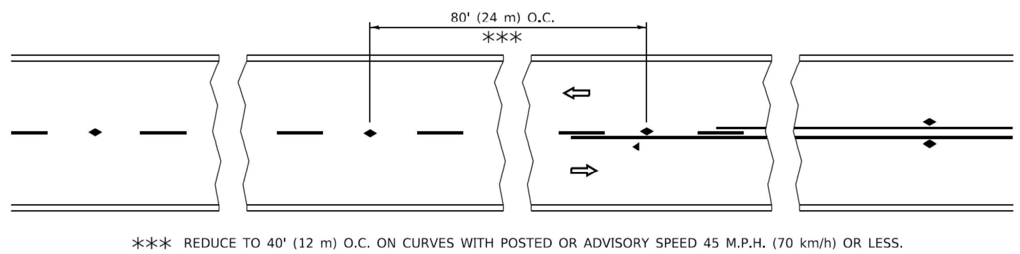
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

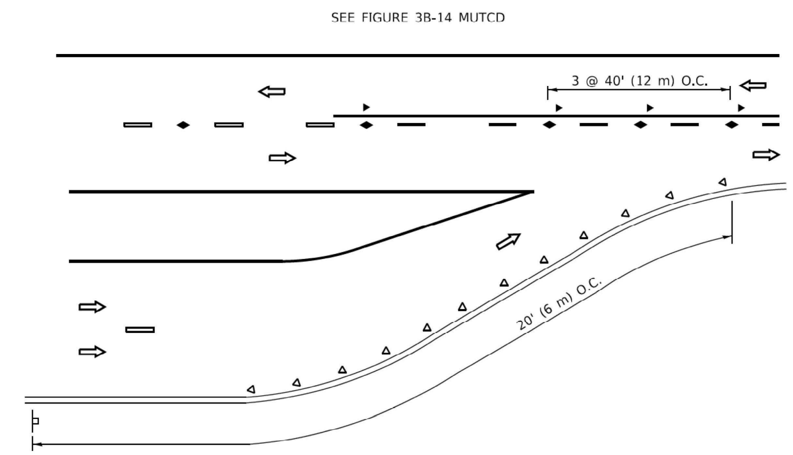
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

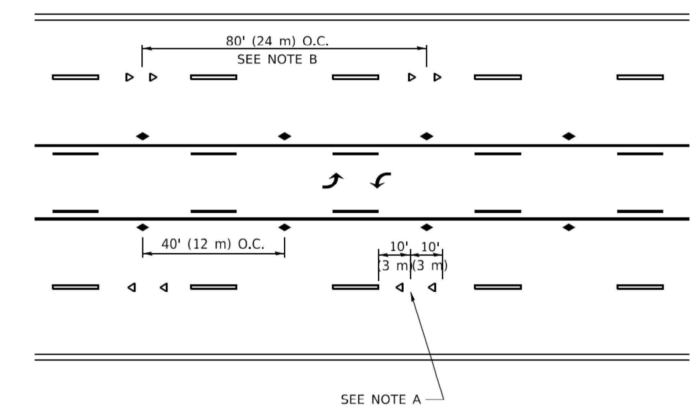
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	102
TC-10		CONTRACT NO. 62W73		
ILLINOIS	FED. AID PROJECT			



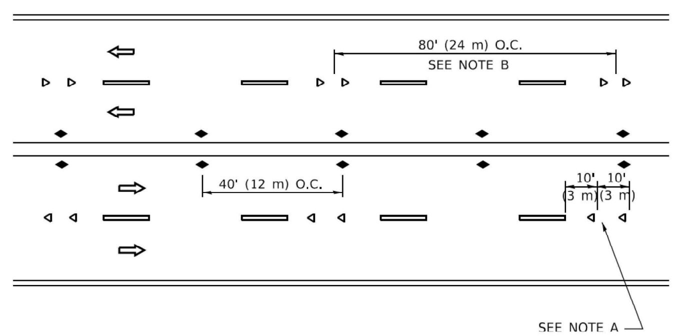
TWO–LANE/TWO–WAY



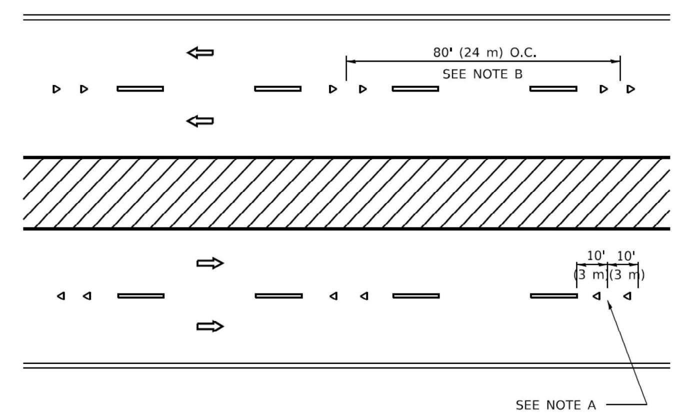
LANE REDUCTION TRANSITION



TWO–WAY LEFT TURN



MULTI–LANE/UNDIVIDED



MULTI–LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

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

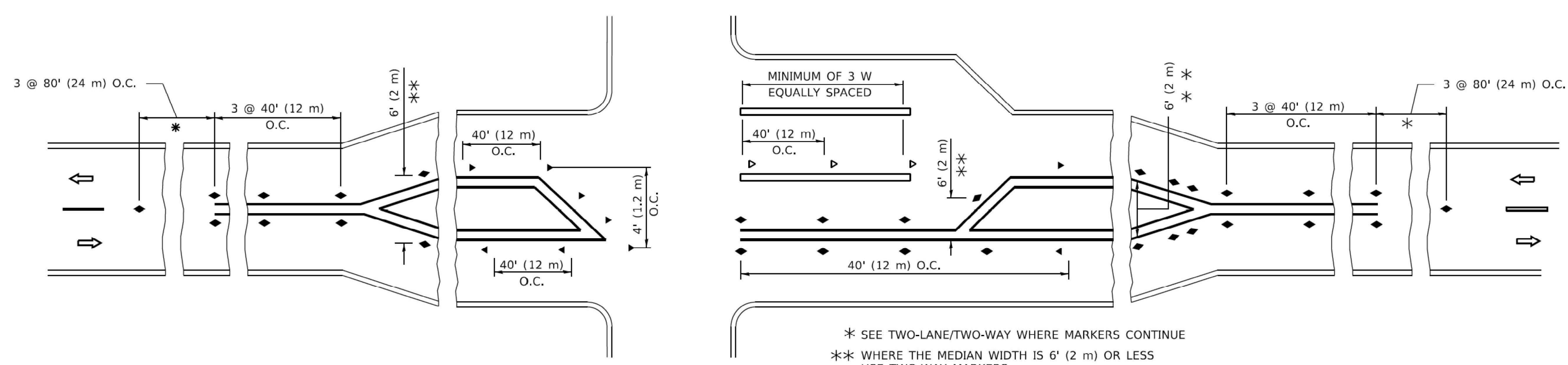
LANE MARKER NOTES

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.

DESIGN NOTES

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



TURN LANES

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

MODEL: GN - Sheet 6
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-details.dgn

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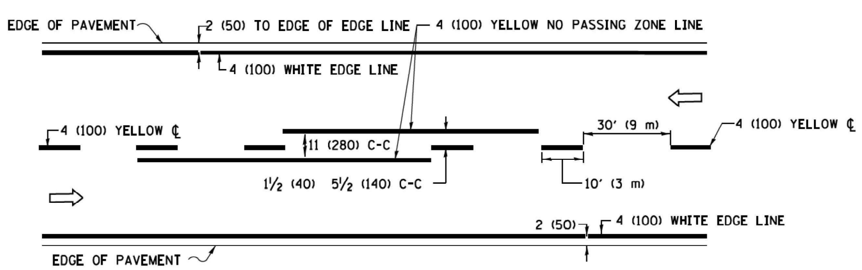
	PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

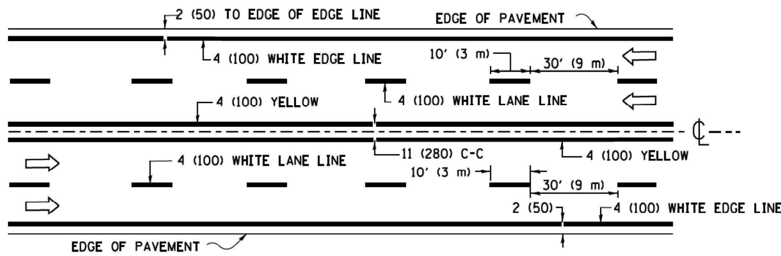
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

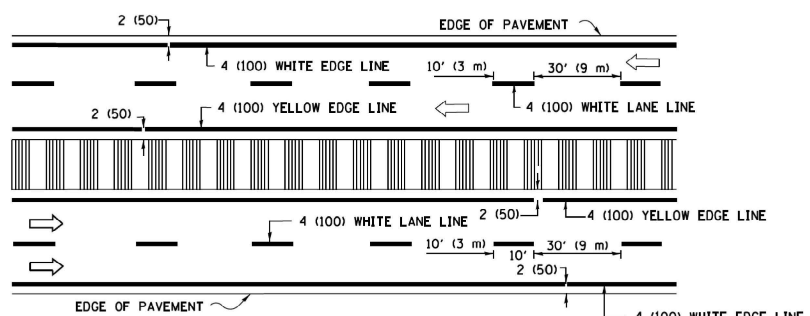
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	103
	TC-11	CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



2–LANE ROADWAY

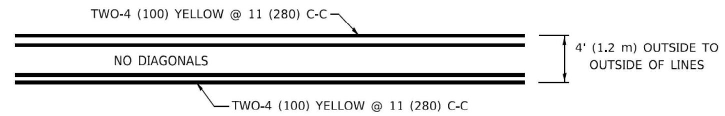


MULTI–LANE UNDIVIDED

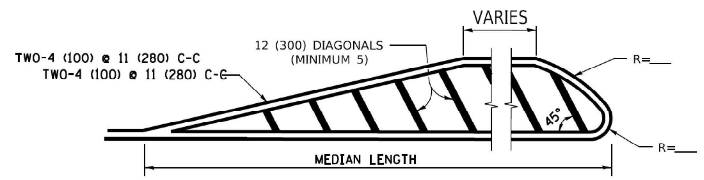


MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



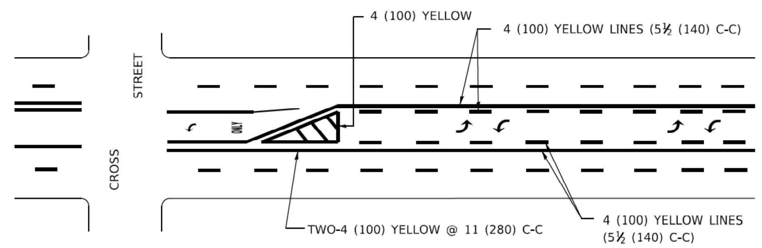
4' (1.2 m) WIDE MEDIANS ONLY



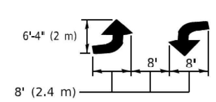
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

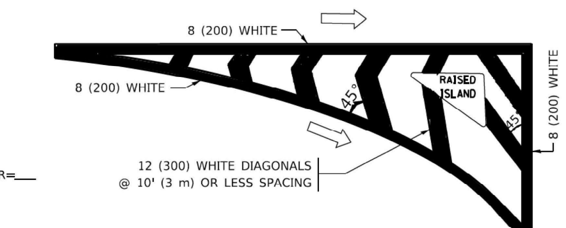


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

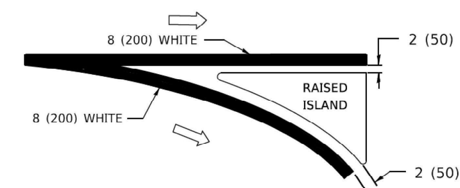


MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

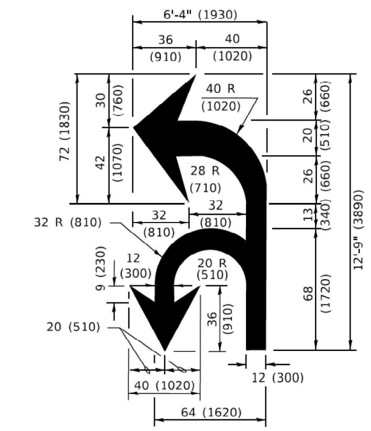


ISLAND OFFSET FROM PAVEMENT EDGE

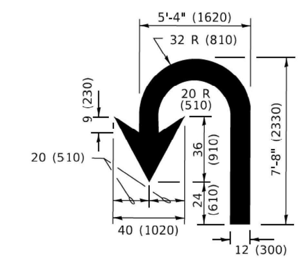


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

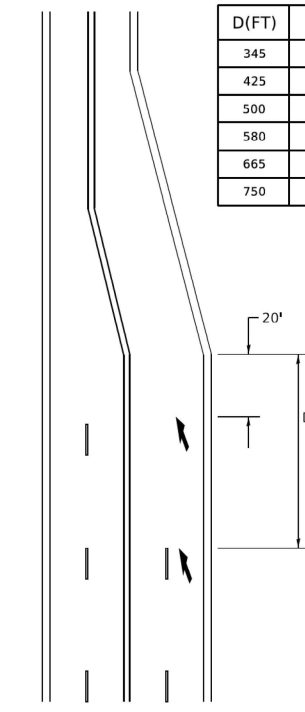


COMBINATION LEFT AND U–TURN



U–TURN

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



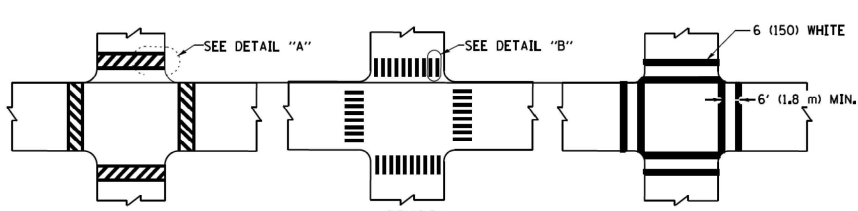
LANE REDUCTION TRANSITION

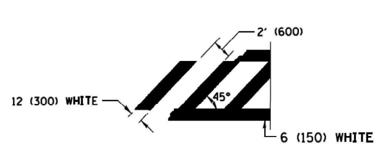
* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

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	5½ (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; 5½ (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. LONGITUDINAL 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 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" IS 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 $\geq$ 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

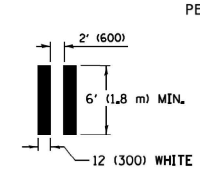
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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





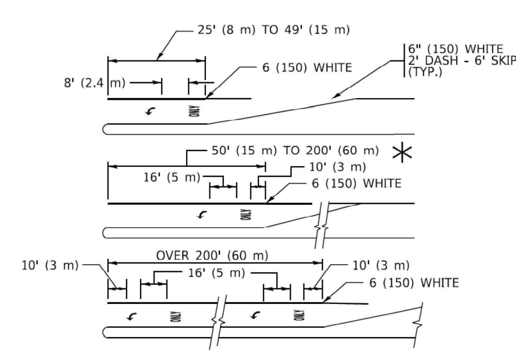
DETAIL "A"



DETAIL "B"

TYPICAL CROSSWALK MARKING

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



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m^2) ONLY AREA = 20.8 SQ. FT. (1.9 m^2)

* 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

MODEL: GN - Sheet 7
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-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

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	104
TC-13		CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

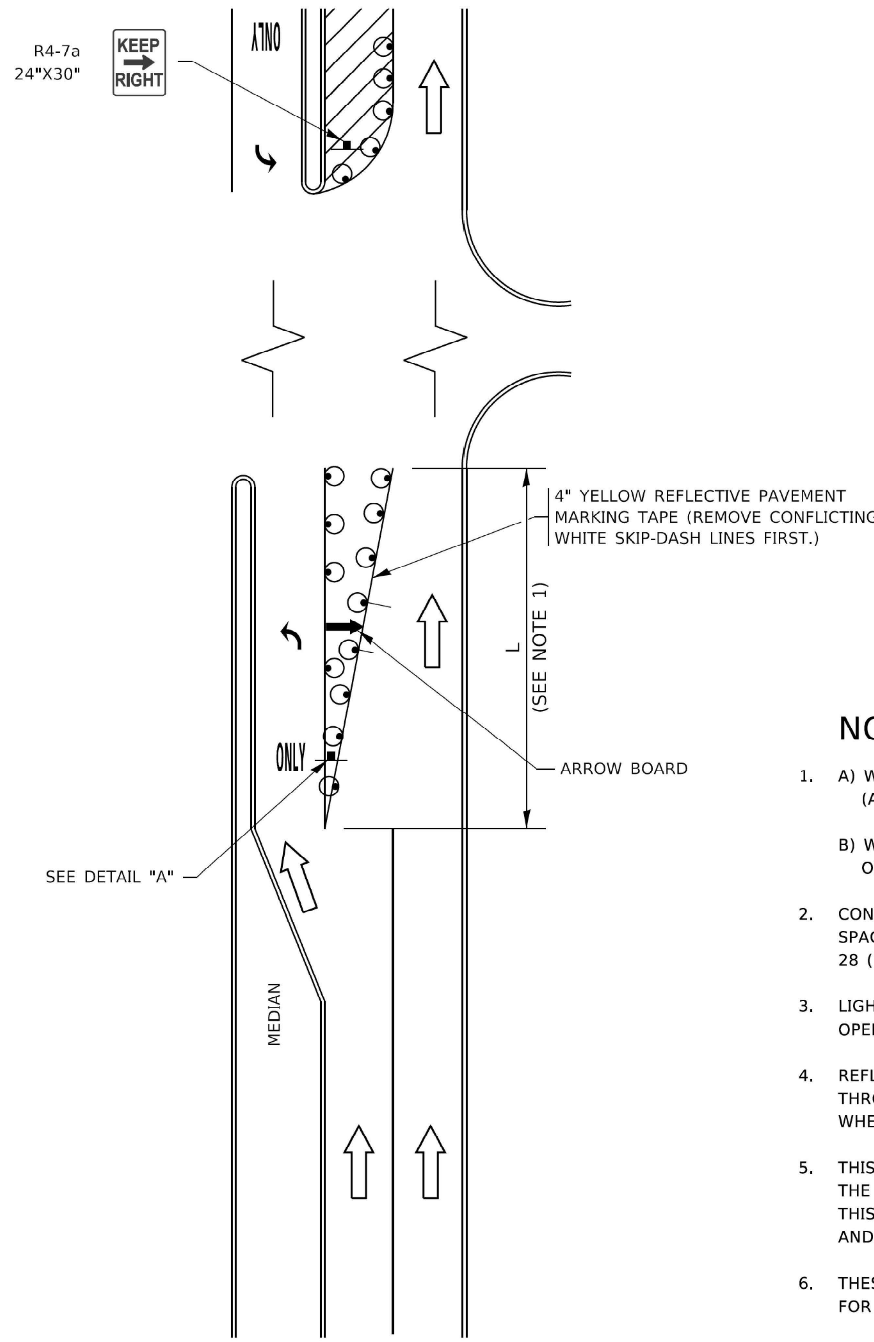
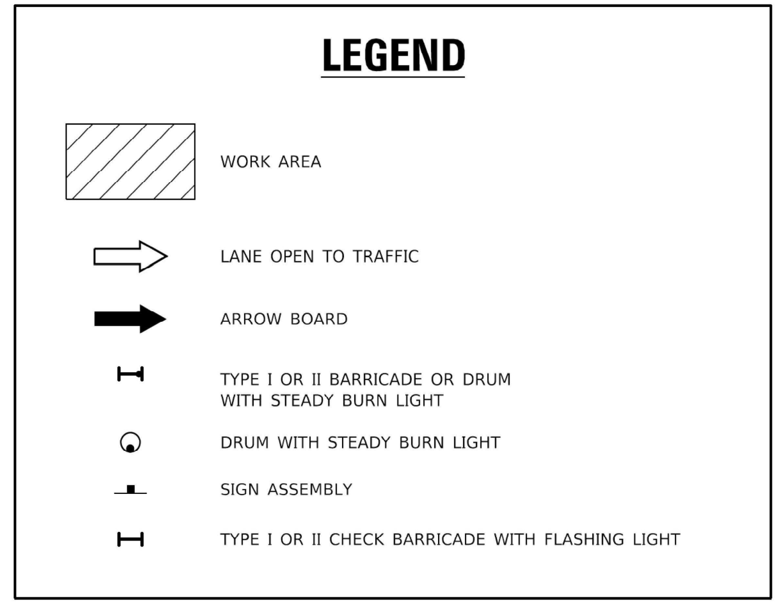


FIGURE 1



TURN BAY ENTRANCE WITHIN A LANE CLOSURE

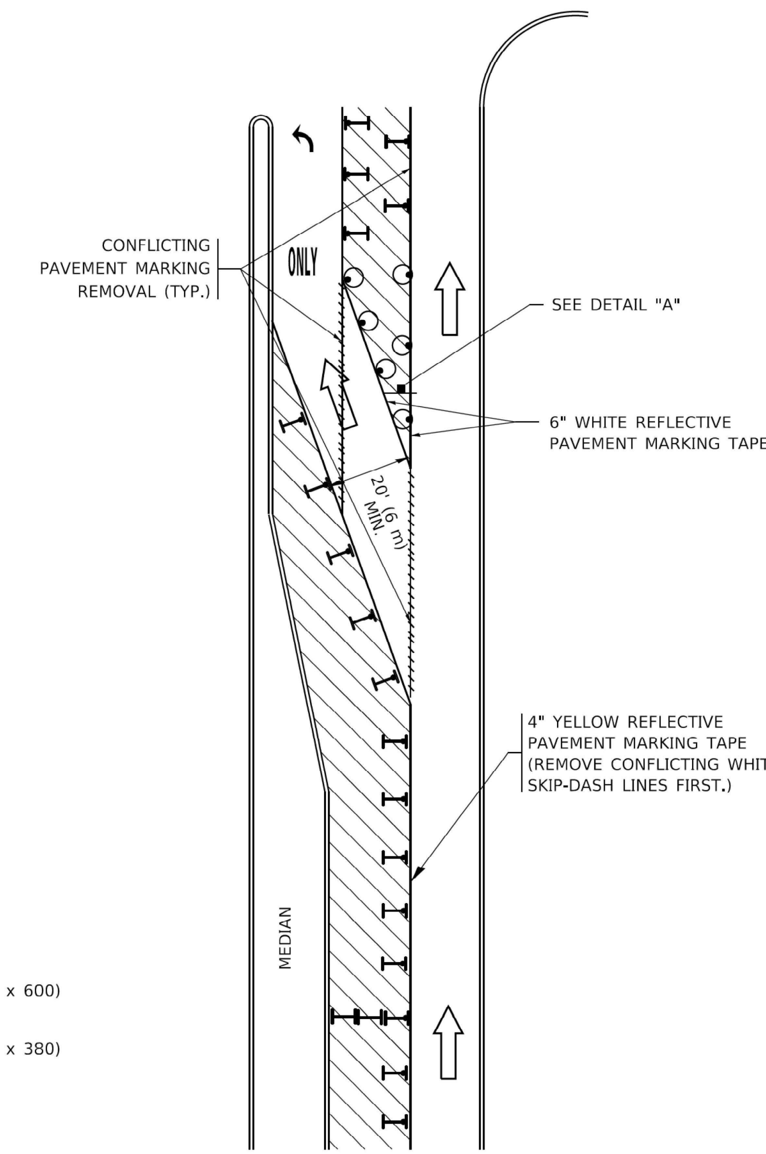
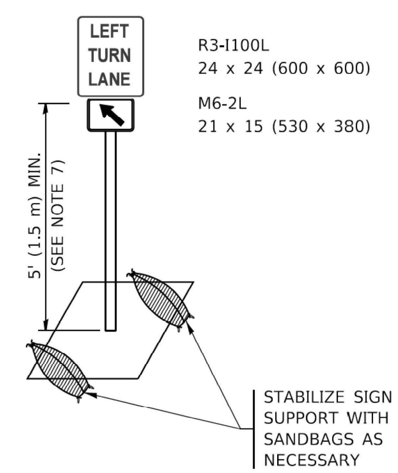


FIGURE 2

NOTES:

1. A) WHEN "L" IS ≤ 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.
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.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. 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.
5. 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.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. 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.



DETAIL A

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

MODEL: GN - Sheet 8
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-details.dgn

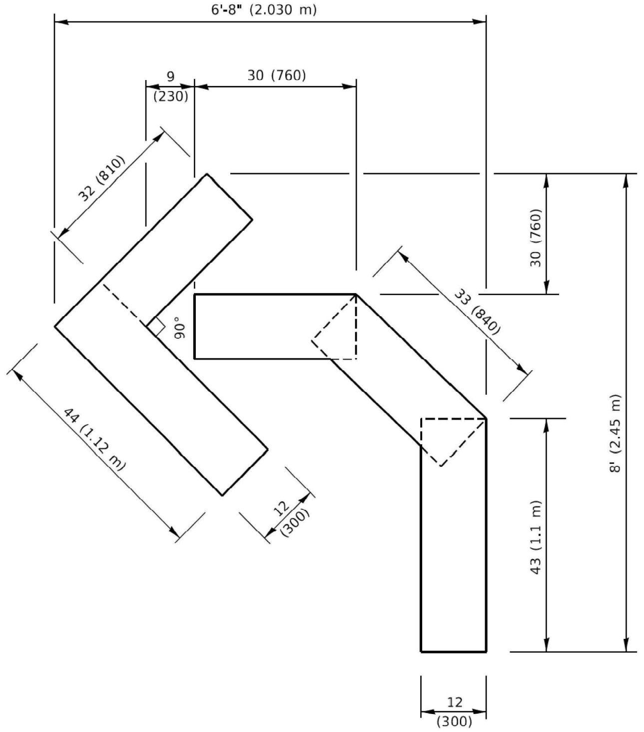
WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = kcortopassi	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

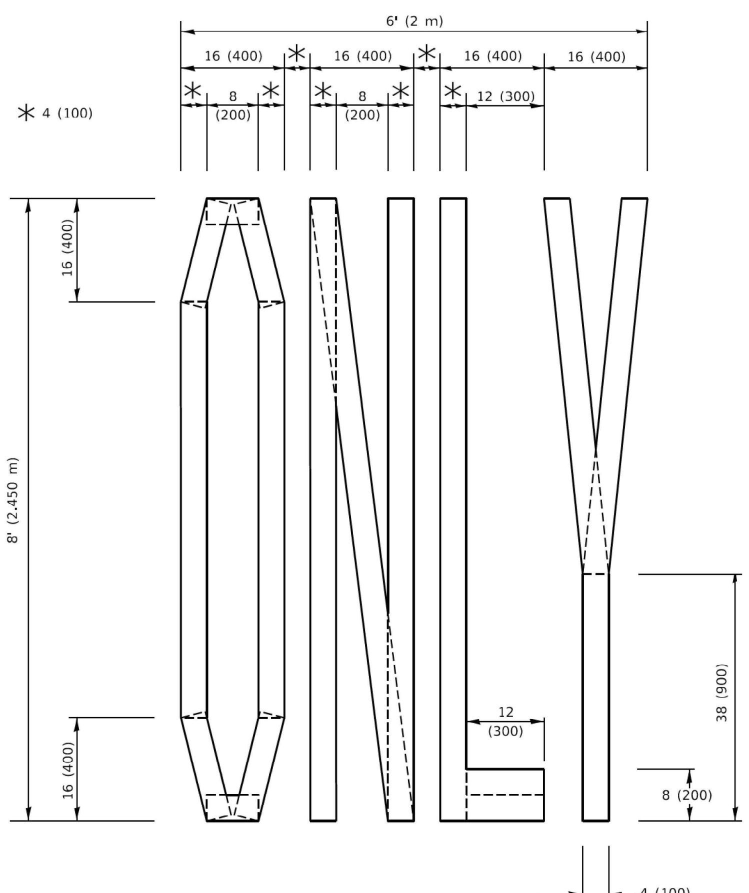
SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	105
TC-14		CONTRACT NO. 62W73		
	ILLINOIS	FED. AID PROJECT		



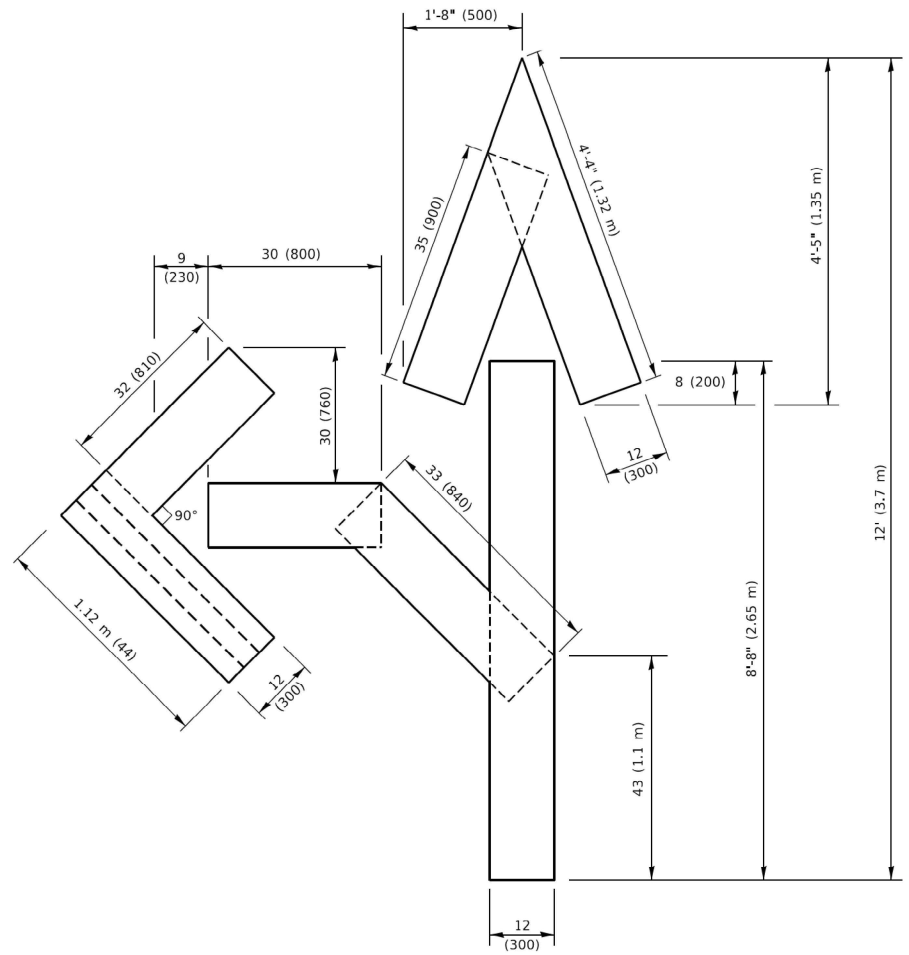
QUANTITY

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)

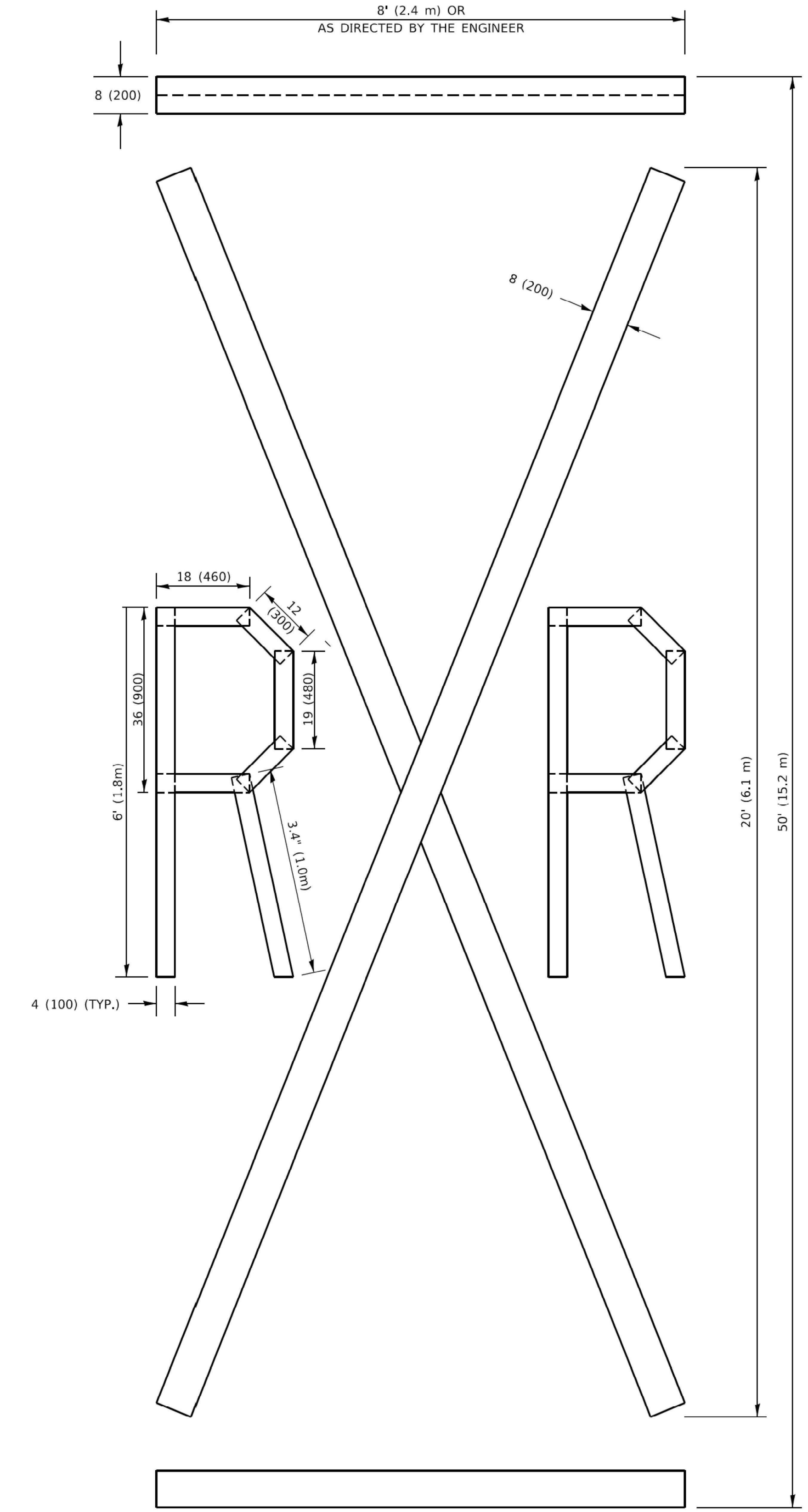


QUANTITY

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
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-details.dgn

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = kcortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS	
		DRAWN -	REVISED -			
		CHECKED -	REVISED -			
	PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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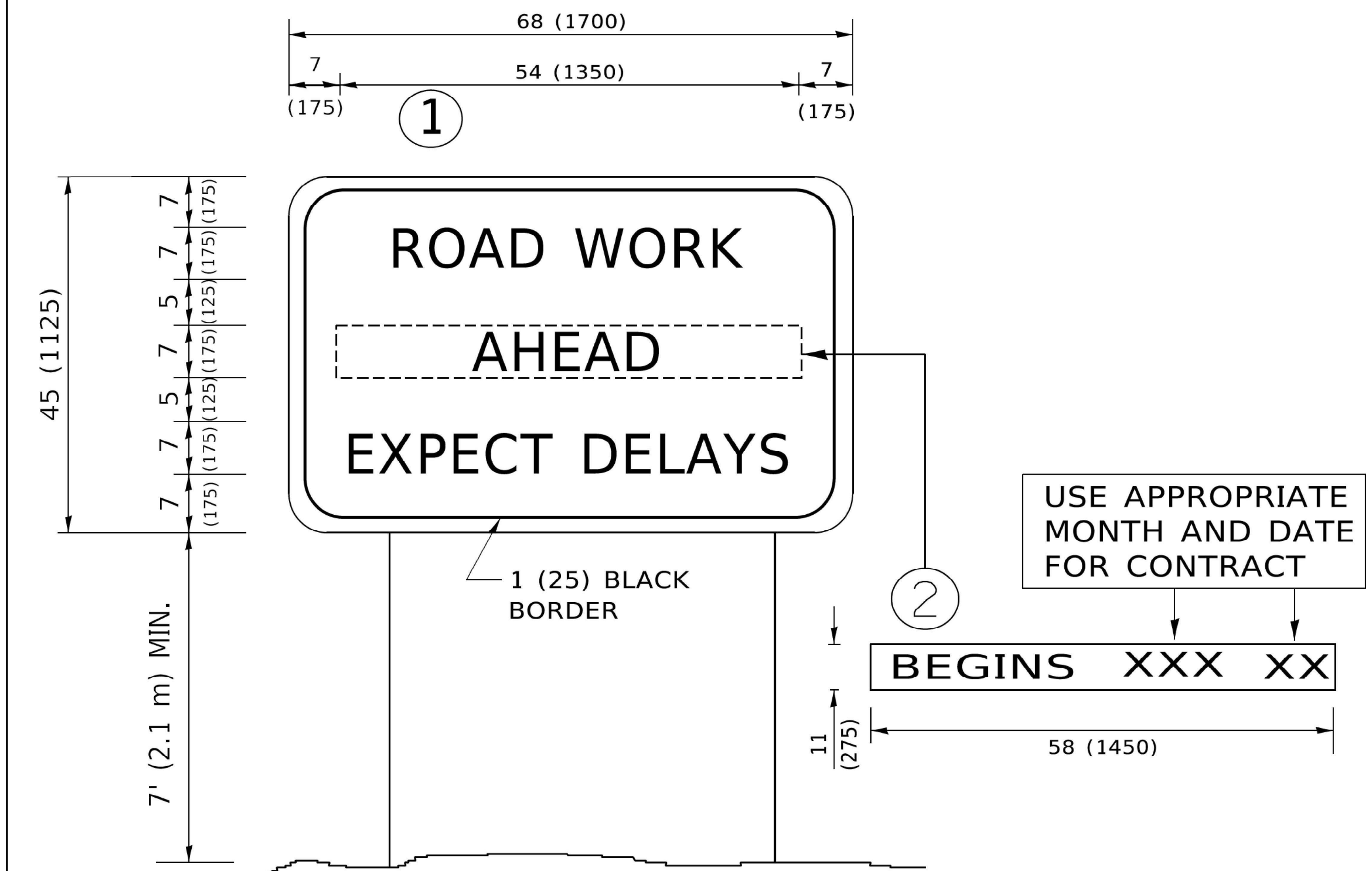
	TC-16	CONTRACT NO. 62W73		
	ILLINOIS FED. AID PROJECT			



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 SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON 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.

MODEL: GN - Sheet 10
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-details.dgn

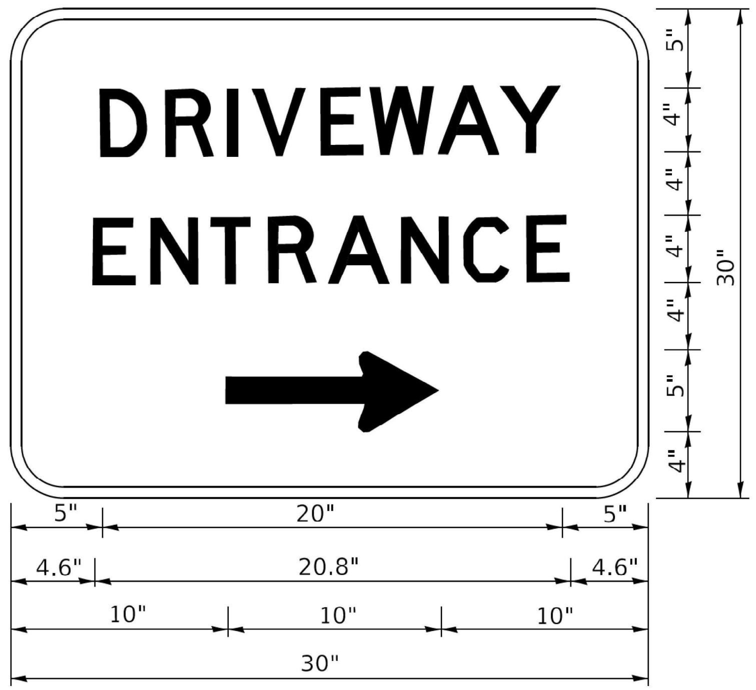
WBK ENGINEERING
116 WEST MAIN STREET SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = kcortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -	

ARTERIAL ROAD INFORMATION SIGN

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	107
	TC-22	CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	



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".

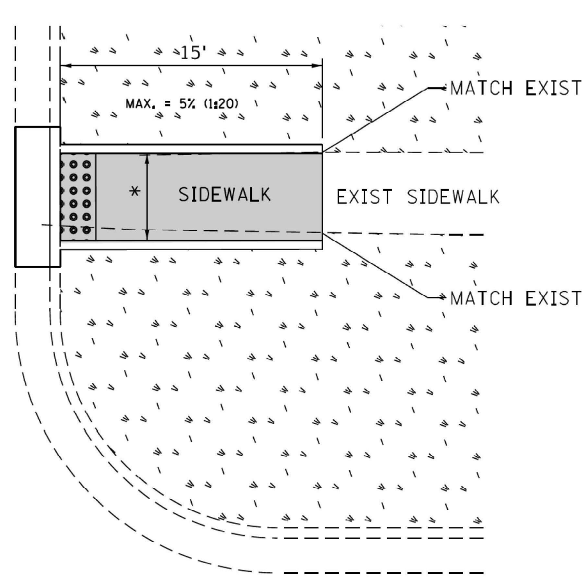
MODEL: GN - Sheet 11
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-details.dgn

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = kcortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY ENTRANCE SIGNING
		DRAWN -	REVISED -		
		CHECKED -	REVISED -		
	PLOT DATE = 12/13/2024	DATE - 9/6/2024	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

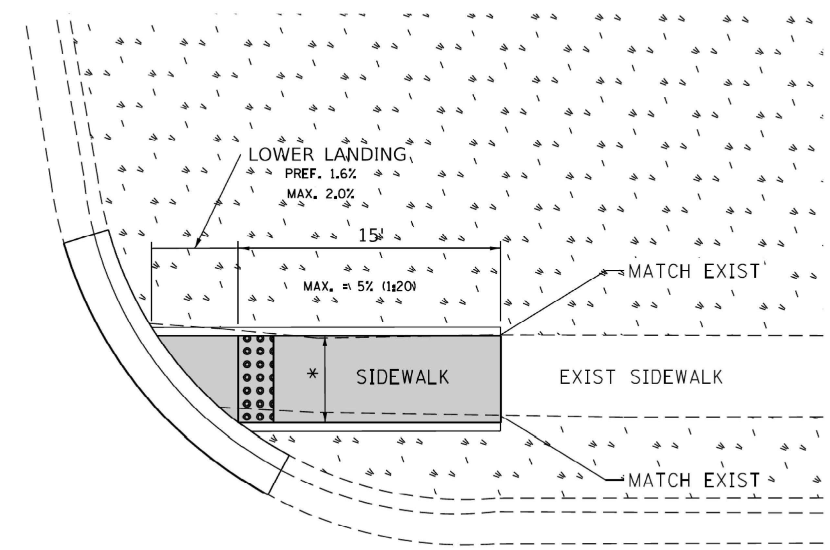
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	108
	TC-26	CONTRACT NO. 62W73		
		ILLINOIS	FED. AID PROJECT	

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

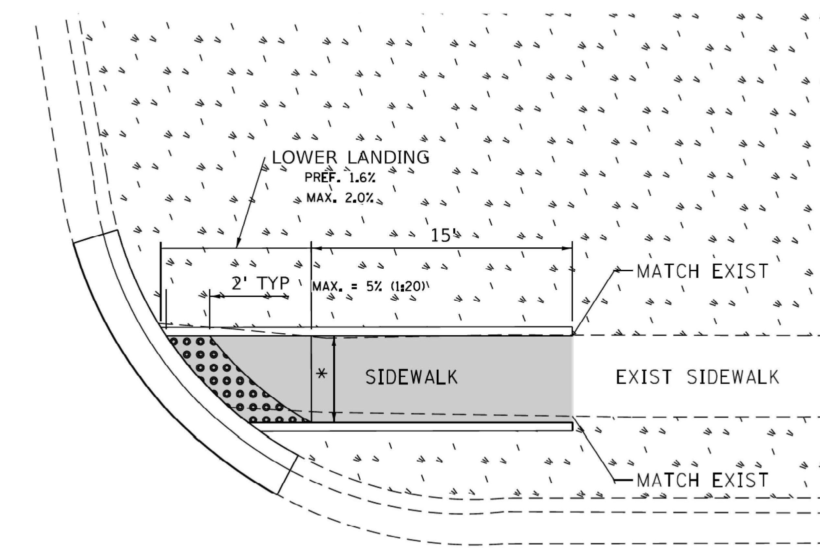
PD-01A



PD-01B



PD-01C



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

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	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-01)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PD-01	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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
IDOT DISTRICT 1 - PROJECT DETAILS FOR CURB RAMPS (PD-01)

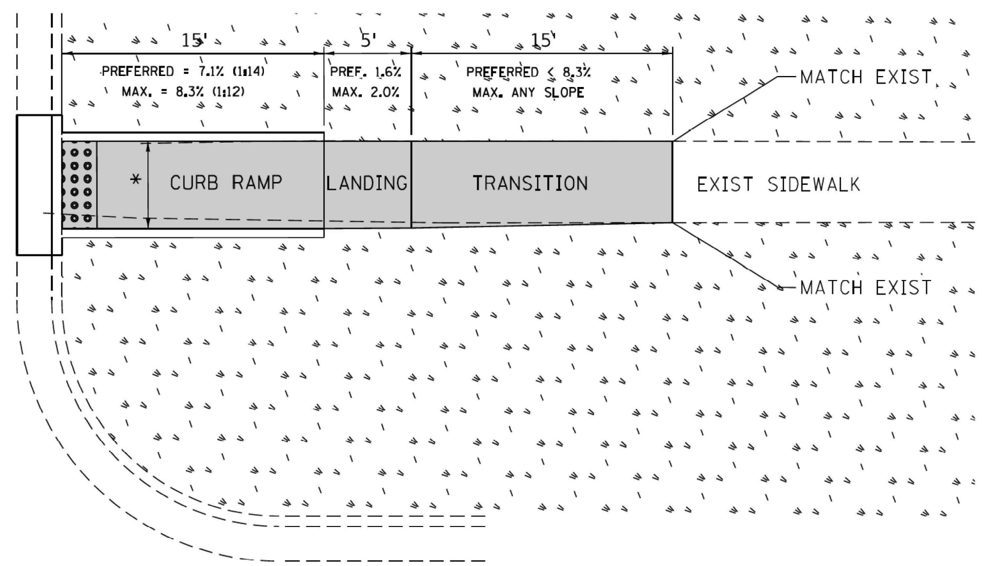
SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	109
		CONTRACT NO. 62W73		
	ILLINOIS FED. AID PROJECT			

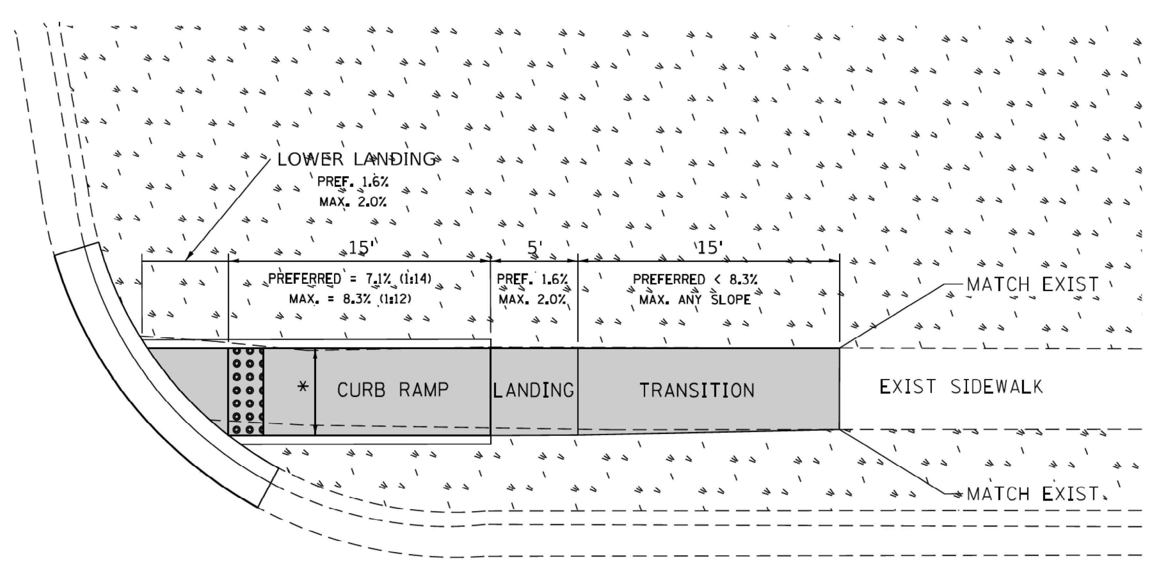
MODEL: ADA detail sheet 1
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ADA_Details.dgn

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

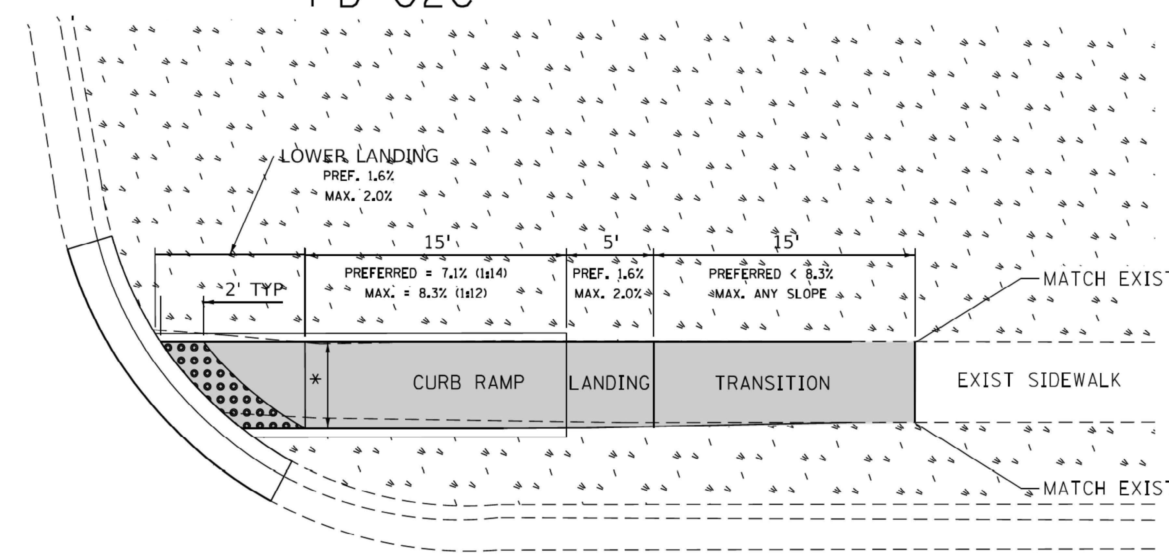
PD-02A



PD-02B



PD-02C



LEGEND

- 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

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		DRAWN - RL 11/12/2019	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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PD-02	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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
IDOT DISTRICT 1 - PROJECT DETAILS FOR CURB RAMPS (PD-02)

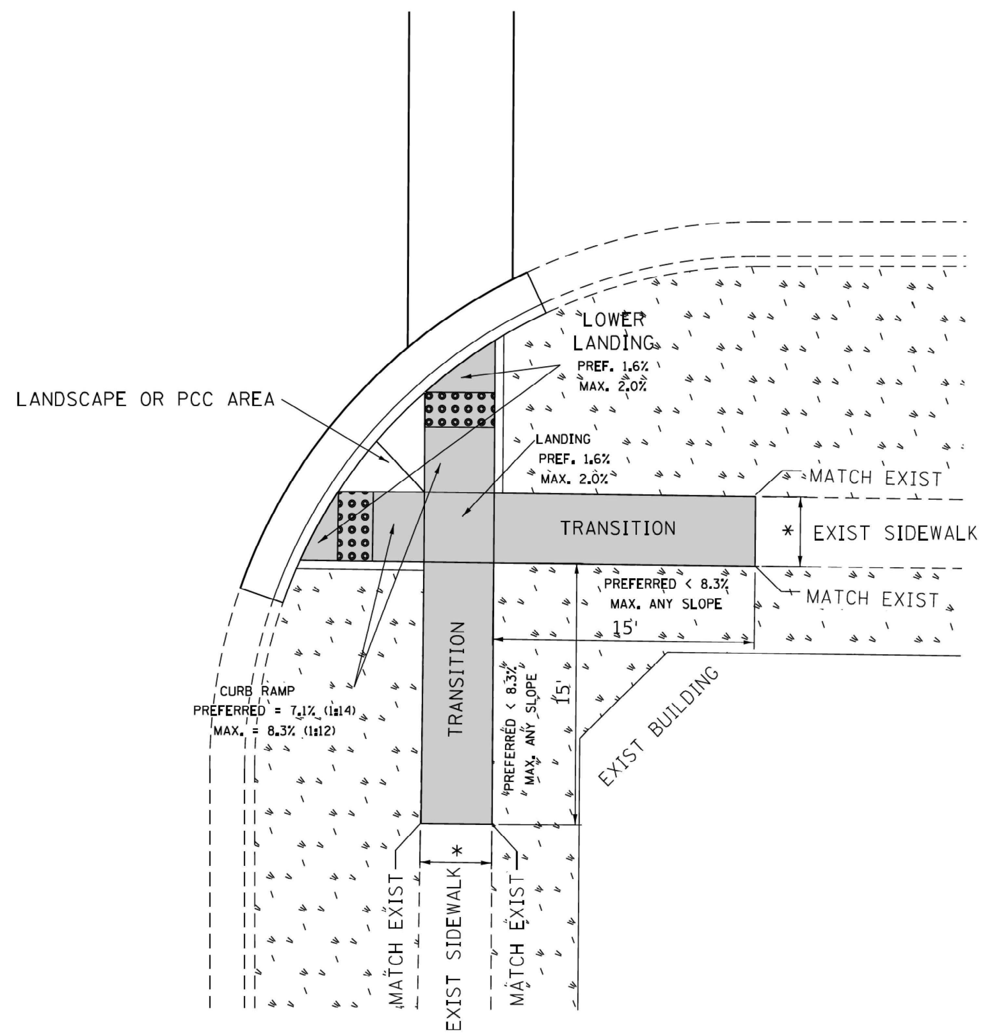
SCALE: | SHEET 2 OF 6 SHEETS | STA. TO STA.

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

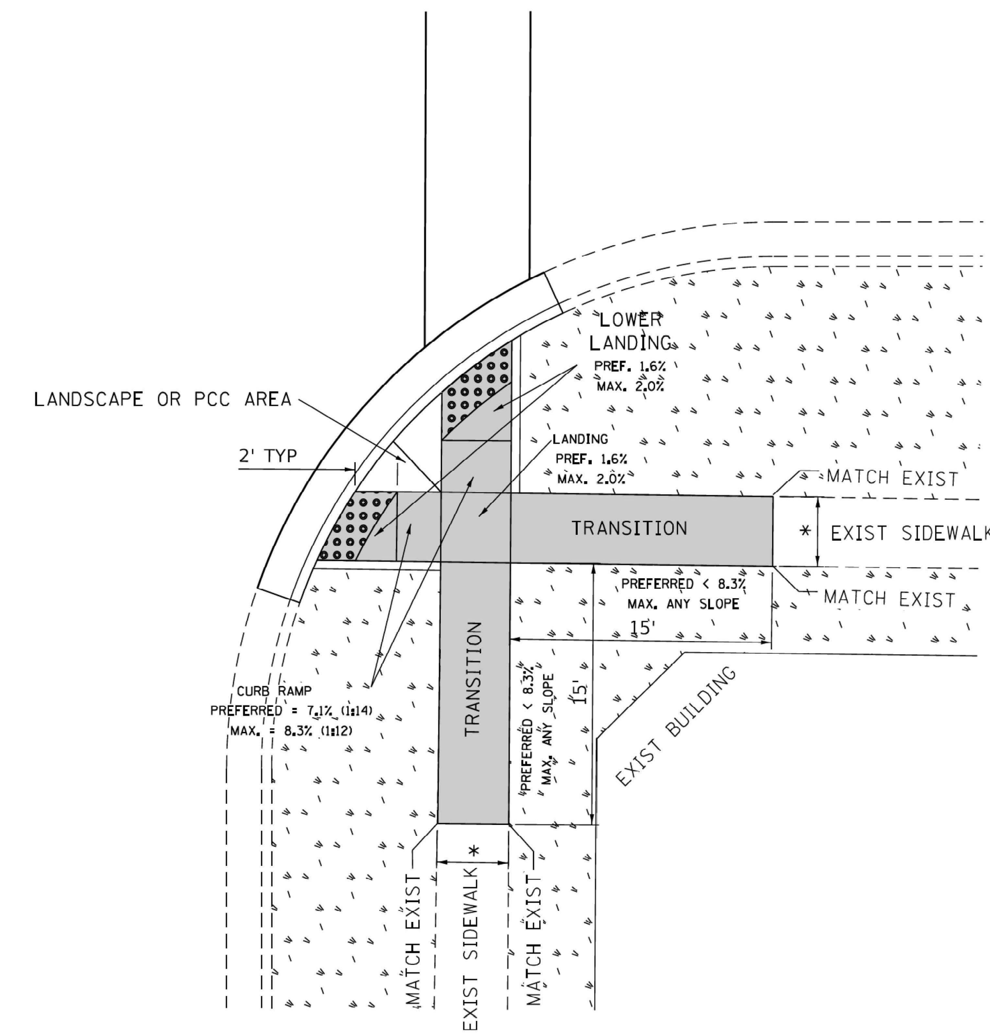
MODEL: ADA detail sheet 2
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ADA_Details.dgn

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

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Default	PLOT DATE = 12/17/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS (PD-03)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PD-03	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

USER NAME = $user$	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
IDOT DISTRICT 1 - PROJECT DETAILS FOR CURB RAMPS (PD-03)

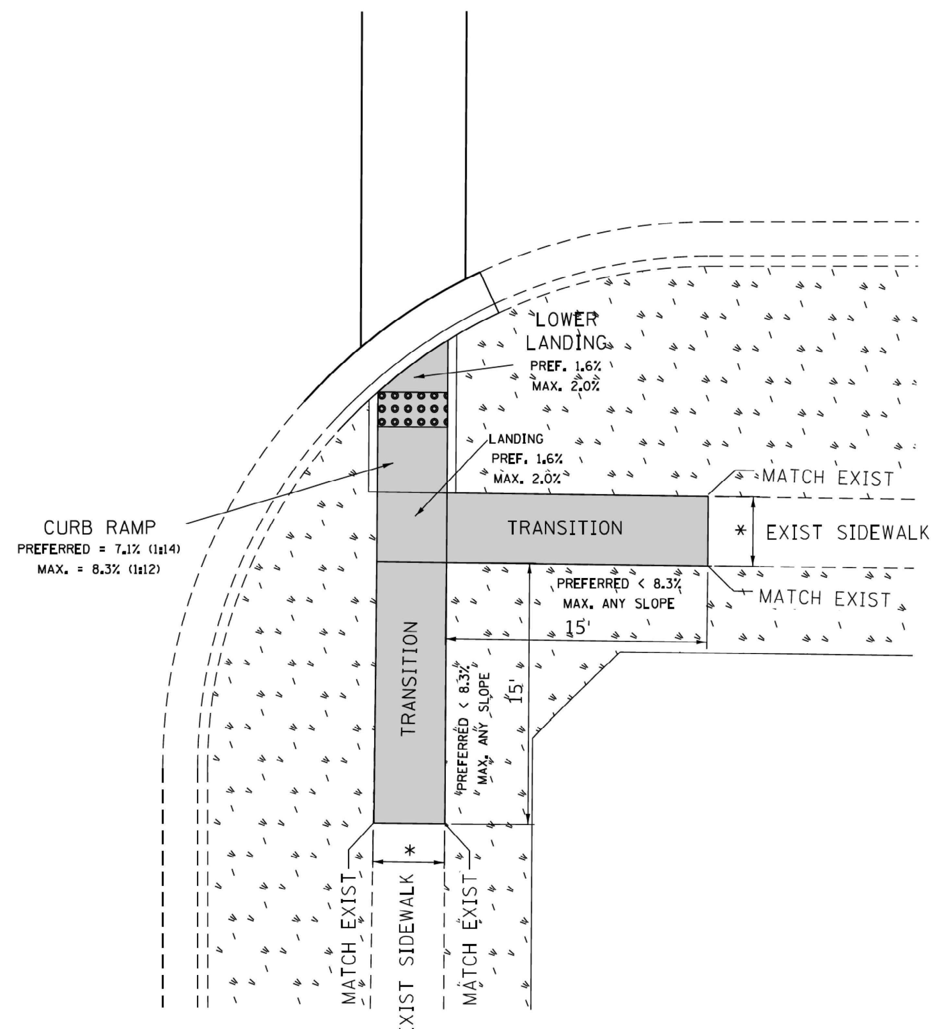
SCALE: | SHEET 3 OF 6 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	111
		CONTRACT NO. 62W73		
		ILLINOIS FED. AID PROJECT		

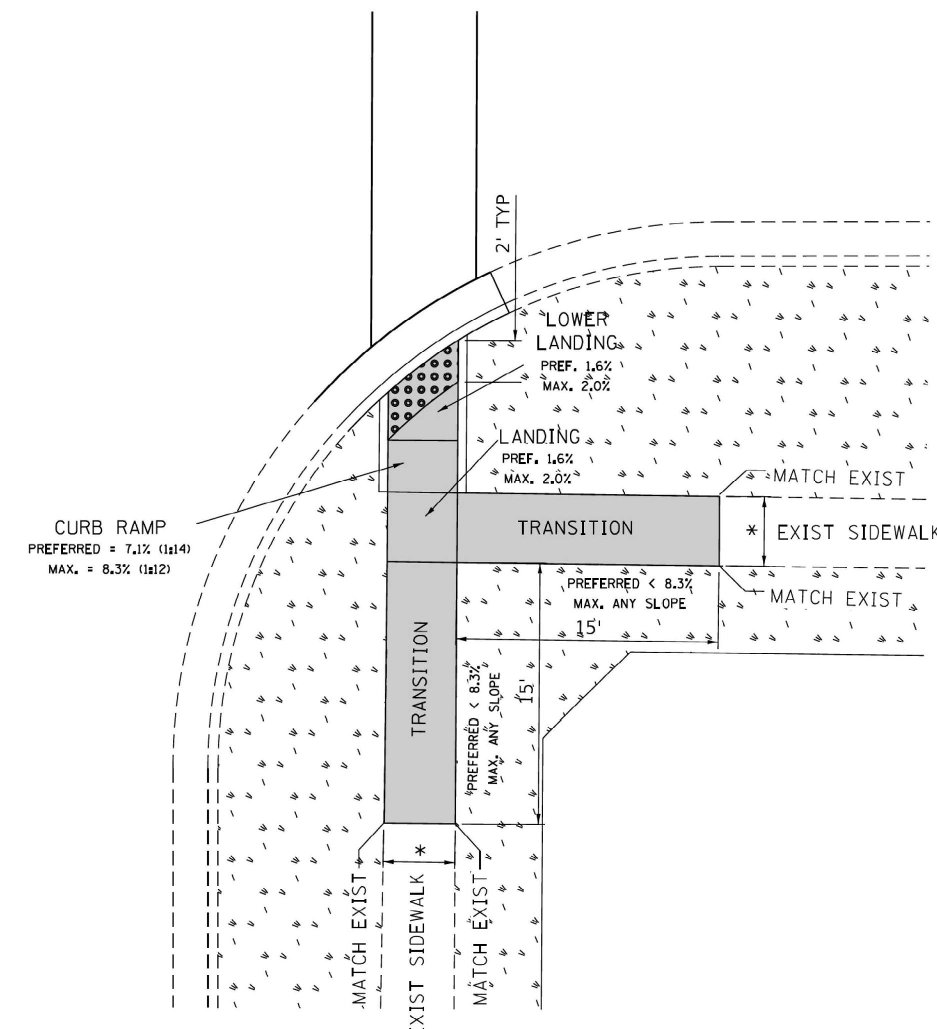
MODEL: ADA detail sheet 3
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ADA_Details.dgn

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD-04A



PD-04B



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 = ledezmarm	DESIGNED - --- --/--/----	REVISED -
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	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 W/TURNING SPACE (PD-04)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PD-04	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

MODEL: ADA detail sheet 4
FILE NAME: Z:\2023\232331 PTB210-002_VarPhIIProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ADA_Details.dgn

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

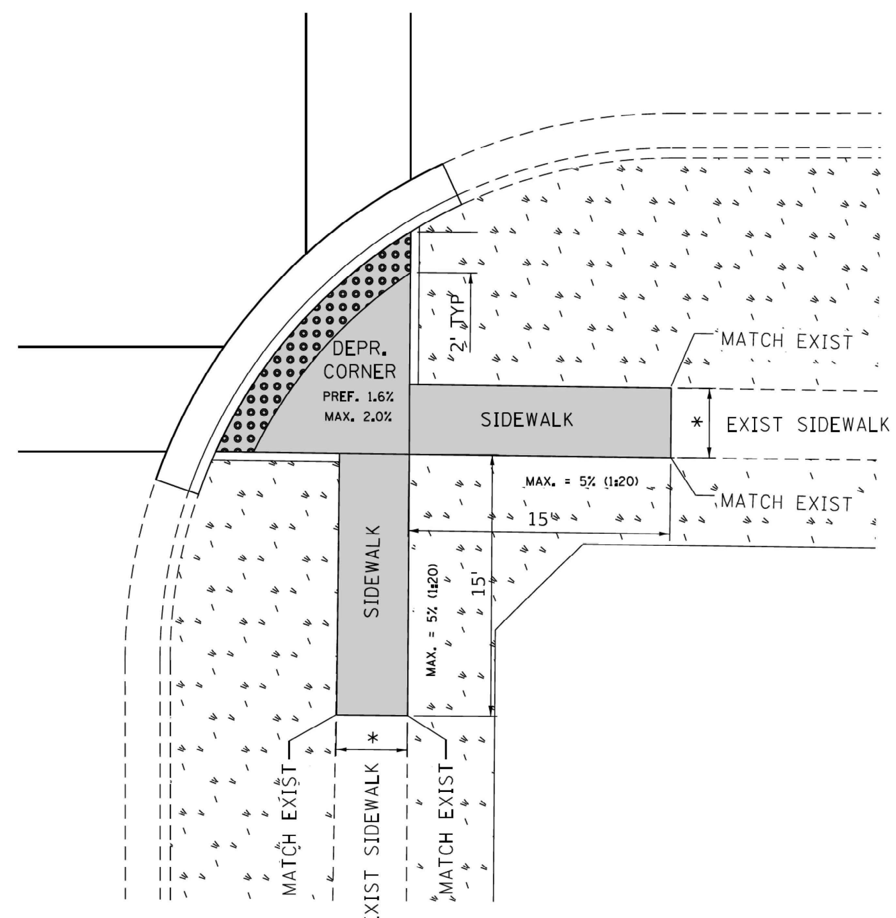
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
IDOT DISTRICT 1 - PROJECT DETAILS FOR CURB RAMPS (PD-04)

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

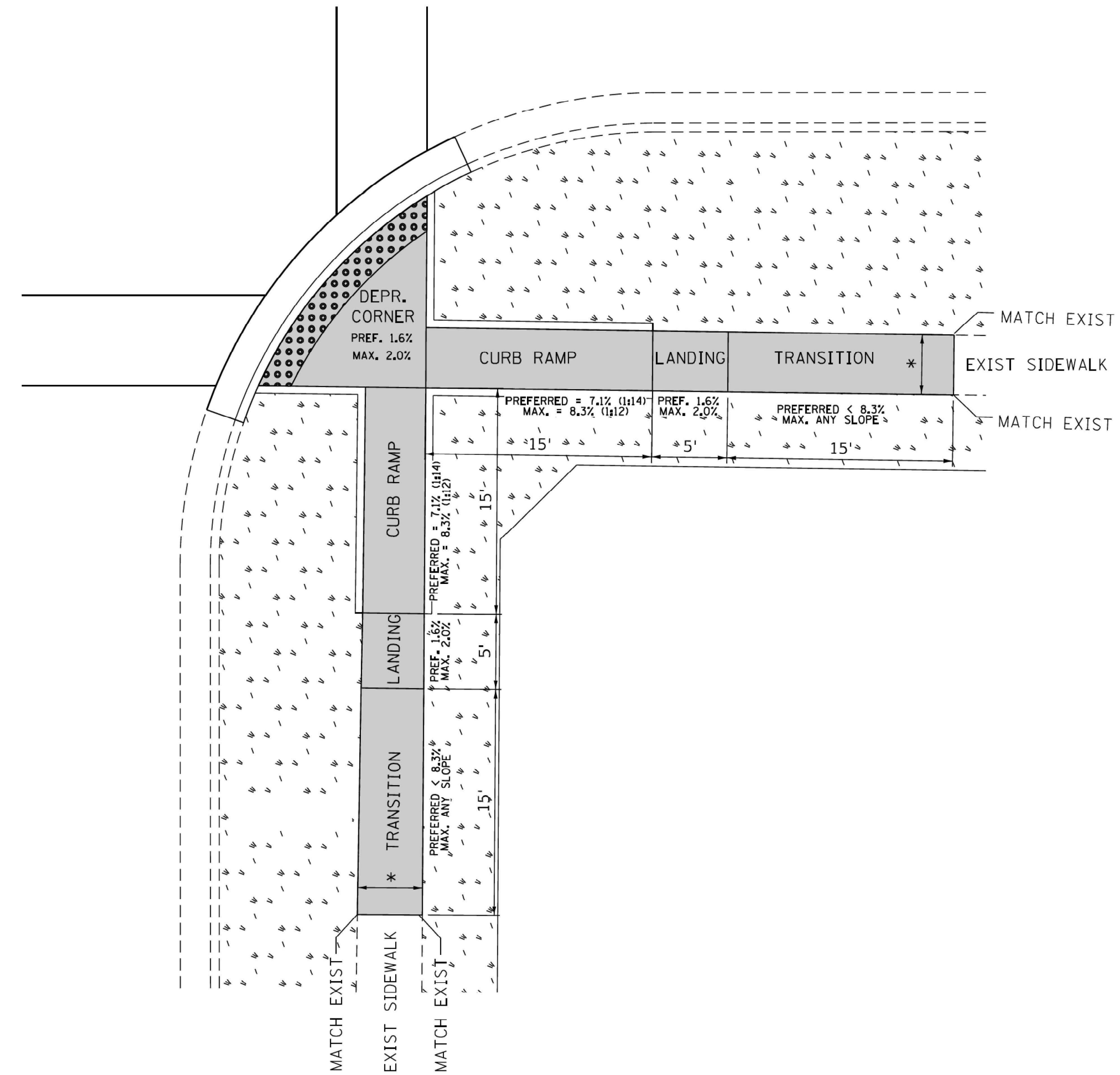
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2744	2024-951-RS, SW	COOK	114	112
		CONTRACT NO. 62W73		
	ILLINOIS FED. AID PROJECT			

ADA DETAIL FOR DEPRESSED CORNER CURB RAMPS

PD-05A



PD-05B



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 = S:\WP\PLANPREP\SQUAD_1\Des_RL\Typical ADA details\Typical-ADA-sht-plan.dgn	USER NAME = ledezmarm	DESIGNED - ___ __/__/____	REVISED -
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Default	PLOT DATE = 12/17/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR DEPRESSED CORNER CURB RAMPS (PD–05)

SCALE: SHEET OF SHEETS STA. TO STA.

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

MODEL: ADA detail sheet 5
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ADA_Details.dgn

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

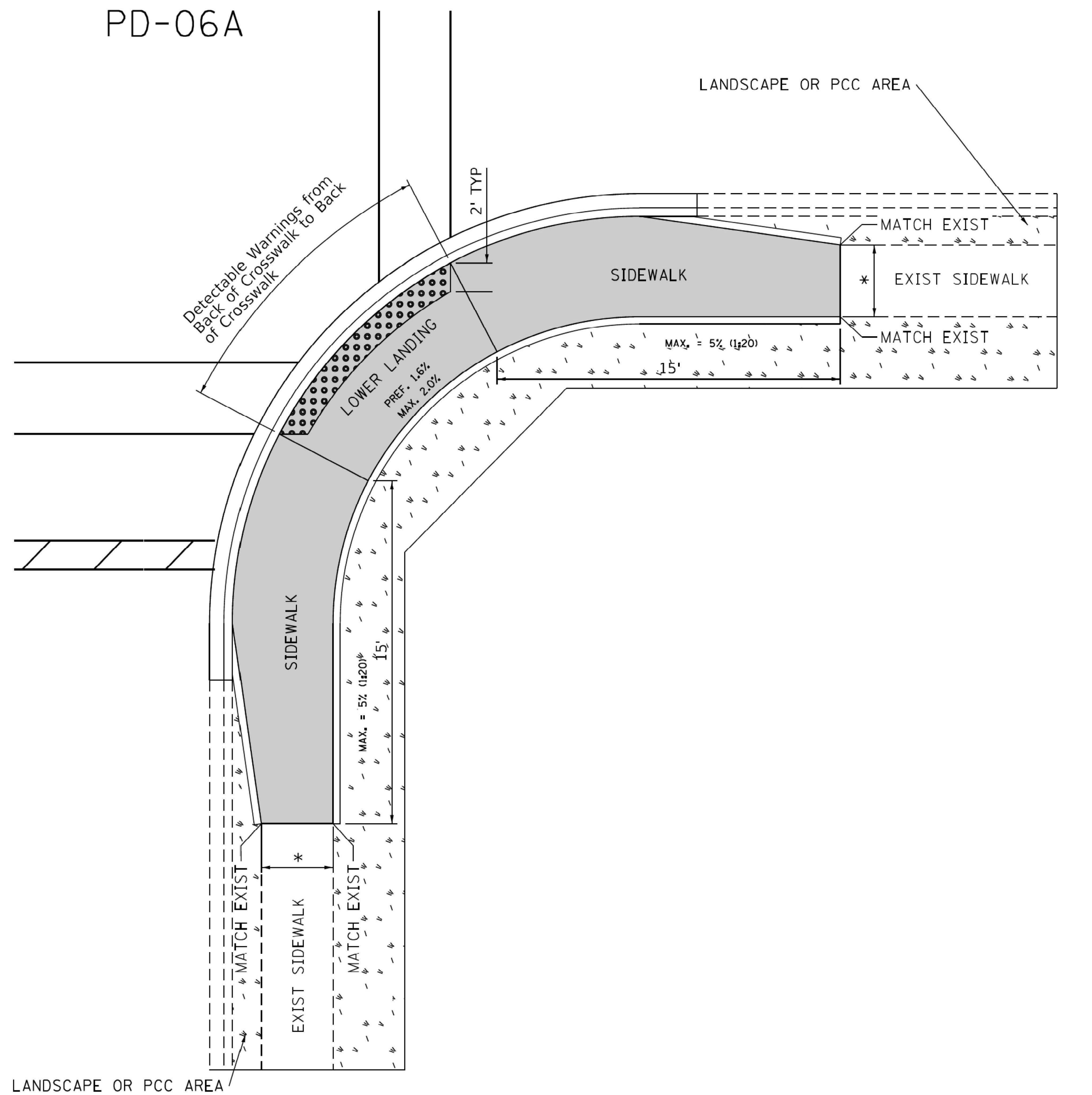
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

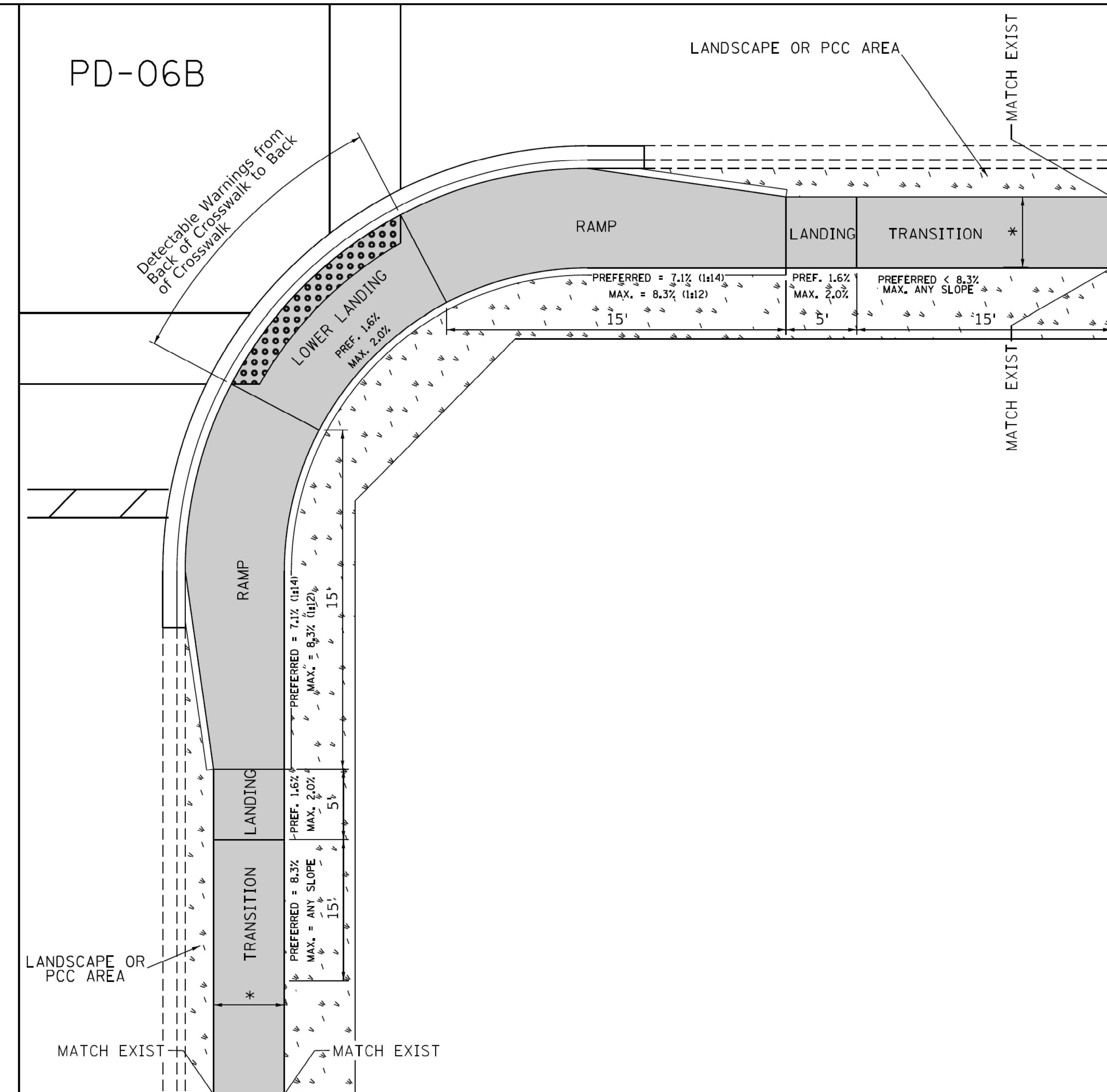
GREEN BAY ROAD - RESURFACING AND ADA IMPROVEMENTS
IDOT DISTRICT 1 - PROJECT DETAILS FOR CURB RAMPS (PD-05)

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

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





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 = S:\WP\PLANPREP\SQUAD_1\Des_RL\Typical ADA details\Typical-ADA-sht-plan.dgn	USER NAME = ledezmarm	DESIGNED - ___ __/__/____	REVISED -
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	PLOT DATE = 12/17/2019	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR PARALLEL CURB RAMPS (PD-06)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PD-06	CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

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
IDOT DISTRICT 1 - PROJECT DETAILS FOR CURB RAMPS (PD-06)

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

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
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO2_62W73-GreenBayRd\09-CADD\3_Sheets\D117524-sht-ADA_Details.dgn