

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0338	FAP 0338 22 RS	DUPAGE	78	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 62T10		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

ROUTE F.A.P. 338: ILL 59 (NELTNOR BOULEVARD)
SOUTH OF HERITAGE WOODS DRIVE TO N OF BATAVIA ROAD
SMART OVERLAY & ADA IMPROVEMENTS
SECTION: FAP 0338 22 RS
PROJECT: NHPP-WN2Q(043)
DUPAGE COUNTY
C-91-291-22

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE PROJECT IS LOCATED WITHIN:
CITY OF WEST CHICAGO AND
THE VILLAGE OF WARRENVILLE

TRAFFIC DATA: ILL 59

2021 ADT - 37,200 VPD
POSTED SPEED LIMIT - 35-50 MPH



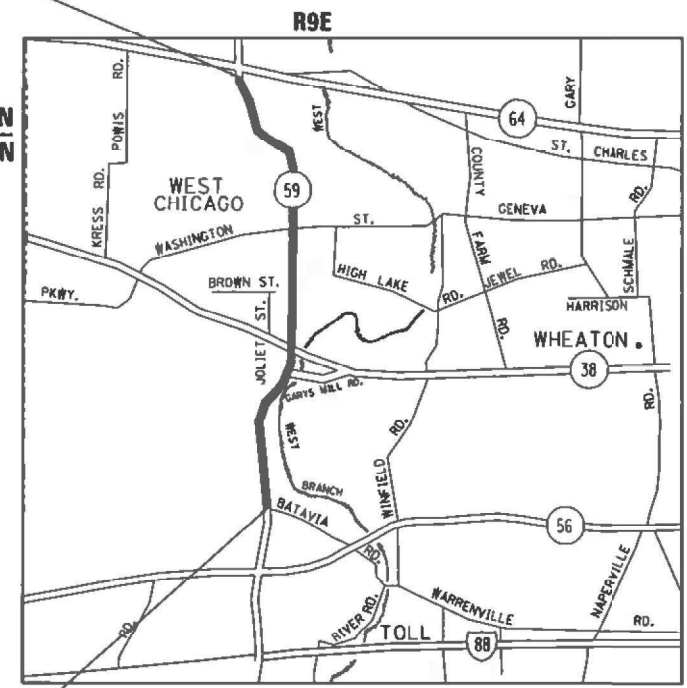
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

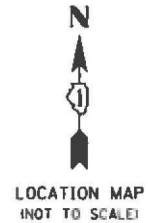
PROJECT ENDS
STA. 325 + 11

OMISSION

STA. 72 + 63 TO STA. 92 + 99
STA. 132 + 90 TO STA. 133 + 61
STA. 195 + 78 TO STA. 197 + 78
STA. 308 + 78 TO STA. 310 + 45



PROJECT BEGINS
STA. 19 + 67



GROSS LENGTH = 30,544 FT = 5.78 MI.
NET LENGTH = 28,070 FT = 5.32 MI.

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62T10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Aug 12th 2024
Joe Rios REGIONAL ENGINEER

October 4, 2024
Joe A. Elk ENGINEER OF DESIGN AND ENVIRONMENT

October 4, 2024
James J. [Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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LIST OF STATE STANDARDS - CONTINUED

STANDARD NO.	DESCRIPTION
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 2' FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS => 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS => 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS <= 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON-TRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTOR LOOPS

GENERAL NOTES - CONTINUED

- 7) BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 8) THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, WALTER CZARNY AT WALTER.CZARNY@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 9) PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- 10) ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 11) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 12) THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 13) 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.
- 14) ALL MILLED SURFACES SHALL BE AT A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
- 15) THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY OR ALL EXISTING ITEMS THAT WILL NOT BE REMOVED INCLUDING PREVIOUSLY SEEDED AREAS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- 16) ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 17) BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER SO THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING, EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 18) DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
- 19) LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT [OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)], WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 20) DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 21) WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (85 KM/H) OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (85 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- 22) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 23) 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.
- 25) ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF CURB OR DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
- 26) THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBALE PAVEMENT
482011-03	HMA SHLD, STRIPS/SHLD, WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
604001-05	FRAME AND LIDS, TYPE 1
604091-05	FRAME AND GRATES, TYPE 24
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

GENERAL NOTES

- 1) BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
- 2) THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF WARRENVILLE AND THE CITY OF WEST CHICAGO.
- 3) THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 4) DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 5) TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRAT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- 6) ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT DURING THE CONSTRUCTION OF THIS PROJECT.

FILE NAME =	USER NAME = yaseen.queeshi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 59 (S OF HARITAGE WOODS DR. TO N OF BATAVIA RD.) INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 62T10				
PLOT DATE = 9/20/2024	DATE -	REVISED -	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 ROADWAY 80% FED /20% STATE	0005 ROADWAY 100% STATE			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	10	10				
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	10	10				
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	15	15				
20200100	EARTH EXCAVATION	CU YD	375	375				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	420	420				
25200110	SODDING, SALT TOLERANT	SO YD	420	420				
25200200	SUPPLEMENTAL WATERING	UNIT	15	15				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	523	523				
35600717	HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/4"	SO YD	523	523				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	95237	95237				
40600370	LONGITUDINAL JOINT SEALANT	FOOT	110360	110360				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	318	318				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	813	813				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 ROADWAY 80% FED /20% STATE	0005 ROADWAY 100% STATE			
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	595	595				
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1540	1540				
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	19201	19201				
42001300	PROTECTIVE COAT	SO YD	445	445				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	1600	1600				
42400800	DETECTABLE WARNINGS	SO FT	200	200				
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SO YD	211638	211638				
44000600	SIDEWALK REMOVAL	SO FT	1600	1600				
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SO YD	2715	2715				
44003100	MEDIAN REMOVAL	SO FT	3330	3330				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	575	575				
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	175	175				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 59 (S OF HARITAGE WOODS DR. TO N OF BATAVIA RD.)
SUMMARY OF QUANTITIES**

F.A.P. RTE. 338	SECTION FAP 338 22 RS	COUNTY	TOTAL SHEETS 78	SHEET NO. 3
SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 62T10	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 ROADWAY 80% FED /20% STATE	0005 ROADWAY 100% STATE			
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	2298	2298				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	640	640				
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	5	5				
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	5	5				
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	10	10				
60404950	FRAMES AND GRATES, TYPE 24	EACH	10	10				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	375	375				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5				
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1				
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1				
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15				
67100100	MOBILIZATION	L SUM	1	1				
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 ROADWAY 80% FED /20% STATE	0005 ROADWAY 100% STATE			
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	22671	22671				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	7557	7557				
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SO FT	3745	3745				
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	97137	97137				
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	6750	6750				
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	650	650				
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	1625	1625				
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	2675	2675				

* SPECIALTY ITEM

NON PARTICIPATING ITEM

FILE NAME =	USER NAME = yosserquresh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 59 (S OF HARITAGE WOODS DR. TO N OF BATAVIA RD.) SUMMARY OF QUANTITIES	F.A.P. RTE. 338	SECTION FAP 338 22 RS	COUNTY	TOTAL SHEETS 78	SHEET NO. 4	
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								SCALE: SHEET NO. OF SHEETS STA. TO STA.			

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 ROADWAY 80% FED /20% STATE	0005 ROADWAY 100% STATE					CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 ROADWAY 80% FED /20% STATE	0005 ROADWAY 100% STATE				
70303100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - MODIFIED URETHANE	SO FT	21	21						* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	21	21					
70303120	TEMPORARY PAVEMENT MARKING - LINE 4" - MODIFIED URETHANE	FOOT	335	335						* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	885	885					
70303130	TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	FOOT	145	145						* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	145	145					
70303160	TEMPORARY PAVEMENT MARKING - LINE 12"- MODIFIED URETHANE	FOOT	22	22						* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	22	22					
78004655	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 7"	FOOT	84	84															
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	3745	3745						* 78011040	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	84	84					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	97137	97137						* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	3352	3352					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	6750	6750						78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	3054	3054					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	650	650						* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	143	143					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1625	1625						* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5	5					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	2675	2675						* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1530	1530					
* SPECIALTY ITEM										* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	472	472					# NON PARTICIPATING ITEM

FILE NAME =	USER NAME = yosseruqresh	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

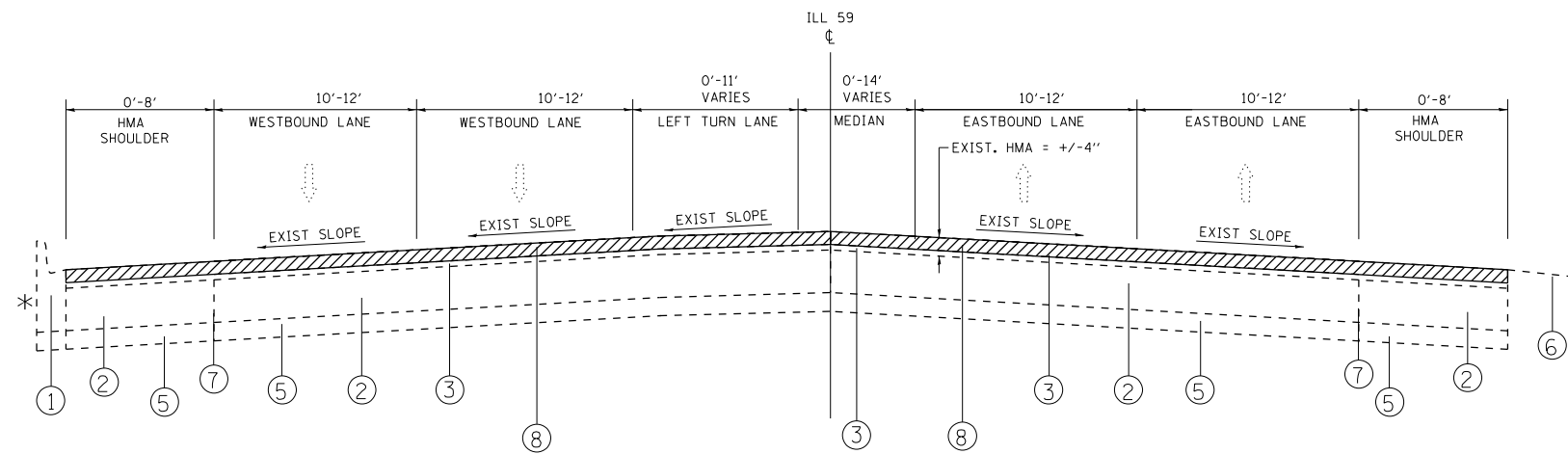
**IL 59 (S OF HARITAGE WOODS DR. TO N OF BATAVIA RD.)
SUMMARY OF QUANTITIES**

F.A.P. RTE. 338	SECTION FAP 338 22 RS	COUNTY	TOTAL SHEETS 78	SHEET NO. 5
SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 62T10	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 ROADWAY 80% FED /20% STATE	0005 ROADWAY 100% STATE				
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT	FOOT	233	233					
	GROUNDING CONDUCTOR, NO. 6 1C								
* 87900200	DRILL EXISTING HANDHOLE	EACH	7	7					
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2					
* 88600100	DETECTOR LOOP, TYPE I	FOOT	6688	6688					
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1	1					
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	524	524					
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5	5					
* 89502376	REBUILD EXISTING HANDHOLE	EACH	1	1					
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					
* X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2	2					
* X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	5	5					
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	175	175					
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	3000	3000					
* SPECIALTY ITEM									

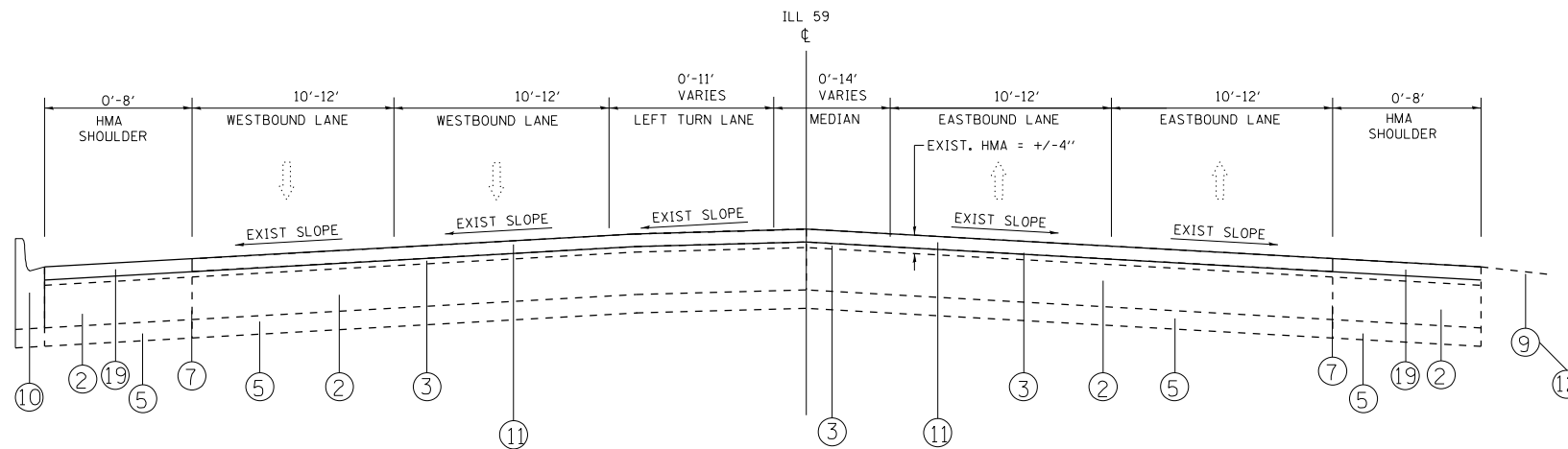
SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 ROADWAY 80% FED /20% STATE	0005 ROADWAY 100% STATE				
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	4550	4550					
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	275		275				
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	75	75					
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12					
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	30	30					
X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	28	28					
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	1712	1712					
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	275		275				
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4					
* Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	5	5					
* X2010516	SELECTIVE CLEARING	UNIT	4	4					
Ø Z0076600	TRAINEES	HOUR	500	500					
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500					
									Ø 0042
									# NON PARTICIPATING ITEM

FILE NAME =	USER NAME = yosenuresh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 59 (S OF HARITAGE WOODS DR. TO N OF BATAVIA RD.) SUMMARY OF QUANTITIES	F.A.P. RTE. 338	SECTION FAP 338 22 RS	COUNTY	TOTAL SHEETS 78	SHEET NO. 6	
pw\N\dot-pw\benley.com\PW\DOT\Documents\DOT	Office\dot-pw\benley.com\PW\DOT\Documents\DOT	DRAWN -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	CONTRACT NO. 62T10
		CHECKED -	REVISED -								
		DATE -	REVISED -								



*EXISTING CURB AND GUTTER (STA. 110+77 TO STA. 118+27)

EXISTING TYPICAL SECTION
ILL 59
STA. 19+67 TO STA. 72+63
STA. 92+99 TO STA. 127+09



PROPOSED TYPICAL SECTION
ILL 59
STA. 19+67 TO STA. 72+63
STA. 92+99 TO STA. 127+09

LEGEND

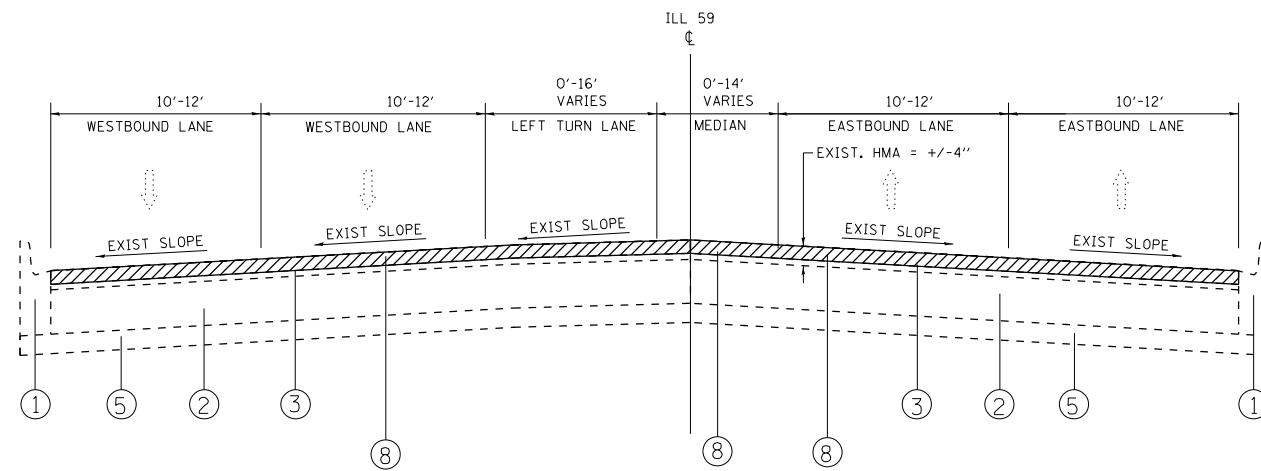
1. EXISTING COMBINATION CONCRETE CURB AND GUTTER
2. EXISTING P.C. CONCRETE PAVEMENT | 10"
3. EXISTING HMA SURFACE COURSE | 4" (BEFORE MILLING)
4. EXISTING MEDIAN
5. EXISTING SUB-BASE | 4"
6. EXISTING AGGREGATE SHOULDER
7. EXISTING HMA SHOULDER; 14"
8. PROPOSED HMA SURFACE REMOVAL, 1 3/4"
9. PROPOSED GRADING AND SHAPING SHOULDERS
10. PROPOSED COMBINATION CONCRETE CURB AND GUTTER (LOCATIONS TO BE DETERMINED BY THE RE IN THE FIELD)
11. PROPOSED POLY. HMA SURFACE COURSE, SMA, 9.5, MIX F, N80, 1 3/4"
12. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
13. PROPOSED HMA BASE COURSE WIDENING, 10 1/4"
14. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
15. PROPOSED SAWCUT
16. PROPOSED GRADING AND SHAPING SHOULDERS
17. PROPOSED AGGREGATE BASE COURSE TYPE B, 4"
18. PROPOSED SHOULDER REMOVAL
19. PROPOSED HMA SURFACE COURSE, IL-9.5, MIX D, N70, 1 3/4"

NOTES:

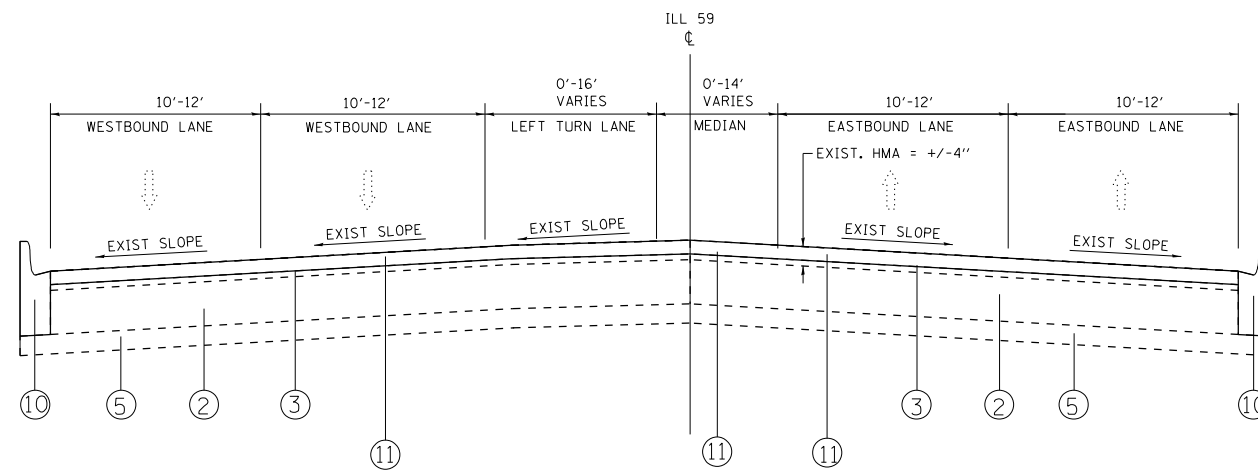
1. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING
2. LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS(%) @ Ndes	
PAVEMENT AND SHOULDER RESURFACING		
POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80; 1 3/4"	3.5% @ 80 GYR.	PFP
HMA SURFACE COURSE, IL-9.5, MIX "D", N70; 1 3/4"	4.0% @ 70 GYR.	QC/QA
PAVEMENT WIDENING		
POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80; 1 3/4"	3.5% @ 80 GYR.	PFP
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19.0); 10 1/4"	4% @ 90 GYR.	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0)	4% @ 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIAL SPECIFICATIONS.



EXISTING TYPICAL SECTION
ILL 59
STA. 141+31 TO STA. 145+64
STA. 147+16 TO STA. 195+78
STA. 197+78 TO STA. 201+14
STA. 219+51 TO STA. 265+14

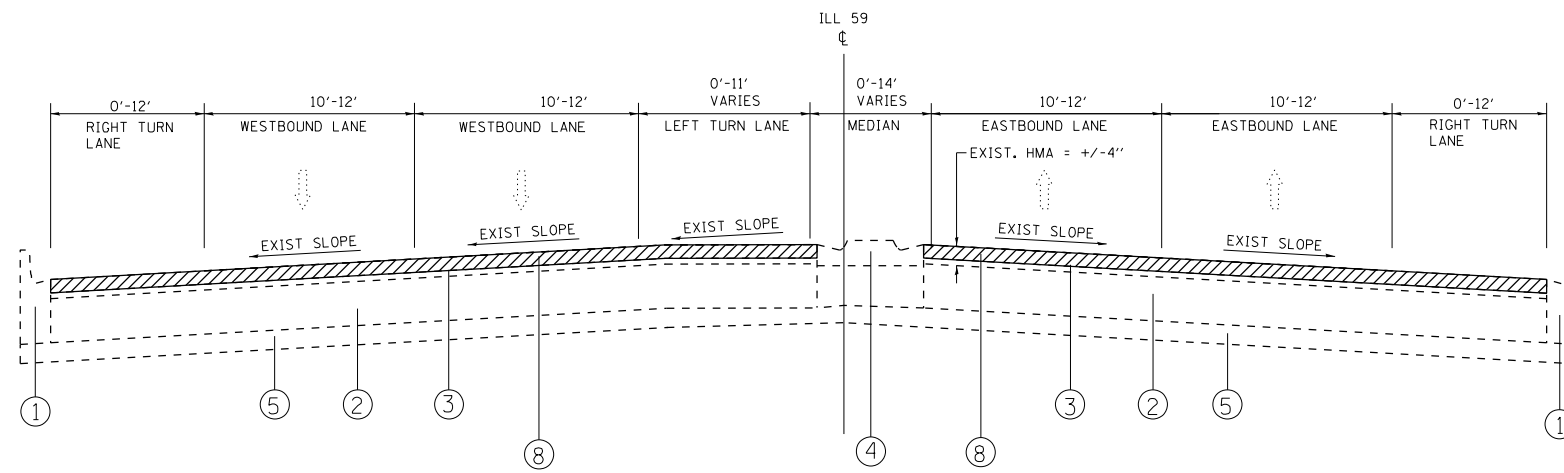


EXISTING TYPICAL SECTION
ILL 59
STA. 141+31 TO STA. 145+64
STA. 147+16 TO STA. 195+78
STA. 197+78 TO STA. 201+14
STA. 219+51 TO STA. 265+14

LEGEND

1. EXISTING COMBINATION CONCRETE CURB AND GUTTER
2. EXISTING P.C. CONCRETE PAVEMENT | 10"
3. EXISTING HMA SURFACE COURSE | 4" (BEFORE MILLING)
4. EXISTING MEDIAN
5. EXISTING SUB-BASE | 4"
6. EXISTING AGGREGATE SHOULDER
7. EXISTING HMA SHOULDER; 14"
8. PROPOSED HMA SURFACE REMOVAL, 1 3/4"
9. PROPOSED GRADING AND SHAPING SHOULDERS
10. PROPOSED COMBINATION CONCRETE CURB AND GUTTER (LOCATIONS TO BE DETERMINED BY THE RE IN THE FIELD)
11. PROPOSED POLY. HMA SURFACE COURSE, SMA, 9.5, MIX F, N80, 1 3/4"
12. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
13. PROPOSED HMA BASE COURSE WIDENING, 10 1/4"
14. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
15. PROPOSED SAWCUT
16. PROPOSED GRADING AND SHAPING SHOULDERS
17. PROPOSED AGGREGATE BASE COURSE TYPE B, 4"
18. PROPOSED SHOULDER REMOVAL
19. PROPOSED HMA SURFACE COURSE, IL-9.5, MIX D, N70, 1 3/4"

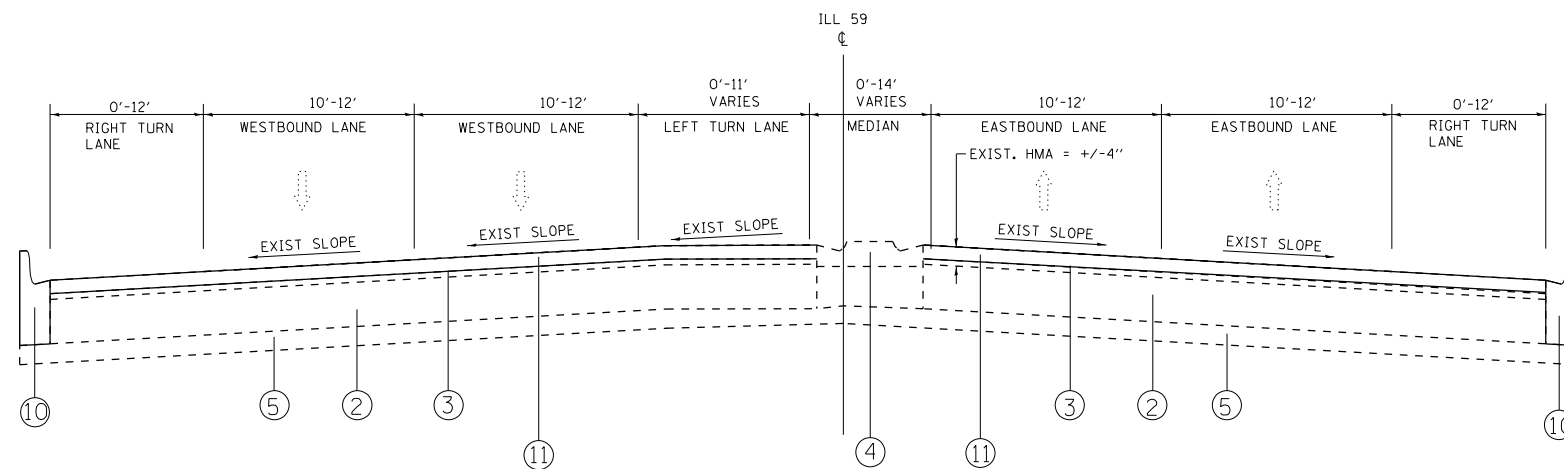
FILE NAME =	USER NAME = yaseen.queshi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 59 (S OF HARITAGE WOODS DR. TO N OF BATAVIA RD.) TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI23822\CD\Design\B123822-shr-plan.dgn	DRWN	REVISED -	REVISED -			338	FAP 338 22 RS	DUPAGE	78	8
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 62T10				
PLOT DATE = 8/20/2024	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
				SHEET NO. 1 OF 1 SHEETS		STA. TO STA.				



EXISTING TYPICAL SECTION
ILL 59
STA. 127+09 TO STA. 132+90
STA. 133+61 TO STA. 141+31
STA. 145+64 TO STA. 147+16
STA. 201+14 TO STA. 219+51
STA. 265+14 TO STA. 305+80
STA. 317+03 TO STA. 325+11

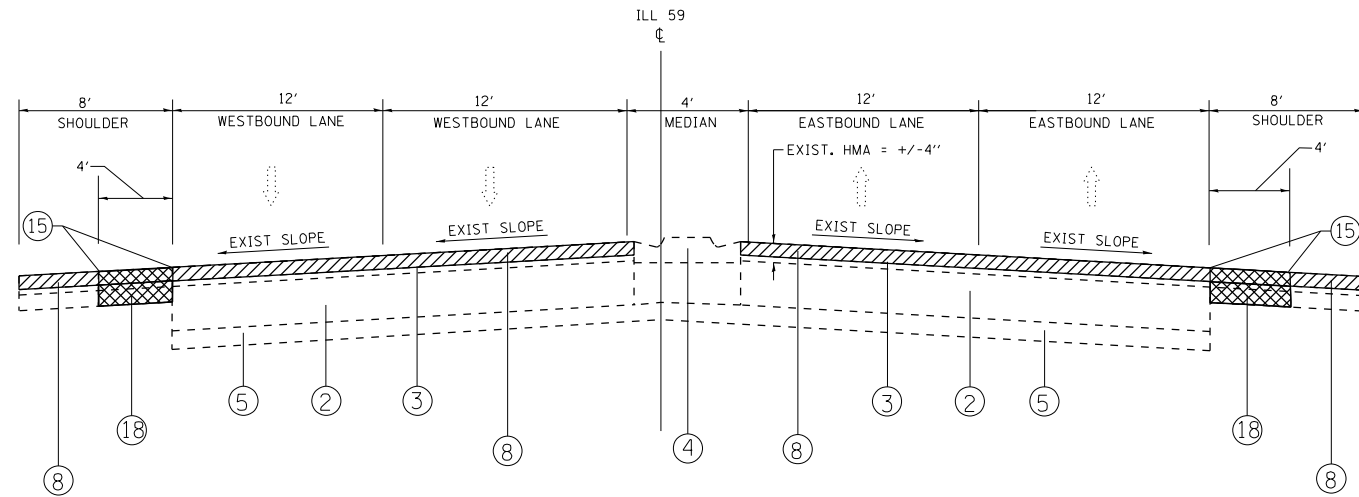
LEGEND

1. EXISTING COMBINATION CONCRETE CURB AND GUTTER
2. EXISTING P.C. CONCRETE PAVEMENT | 10"
3. EXISTING HMA SURFACE COURSE | 4" (BEFORE MILLING)
4. EXISTING MEDIAN
5. EXISTING SUB-BASE | 4"
6. EXISTING AGGREGATE SHOULDER
7. EXISTING HMA SHOULDER; 14"
8. PROPOSED HMA SURFACE REMOVAL, 1 3/4"
9. PROPOSED GRADING AND SHAPING SHOULDERS
10. PROPOSED COMBINATION CONCRETE CURB AND GUTTER (LOCATIONS TO BE DETERMINED BY THE RE IN THE FIELD)
11. PROPOSED POLY. HMA SURFACE COURSE, SMA, 9.5, MIX F, N80, 1 3/4"
12. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
13. PROPOSED HMA BASE COURSE WIDENING, 10 1/4"
14. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
15. PROPOSED SAWCUT
16. PROPOSED GRADING AND SHAPING SHOULDERS
17. PROPOSED AGGREGATE BASE COURSE TYPE B, 4"
18. PROPOSED SHOULDER REMOVAL
19. PROPOSED HMA SURFACE COURSE, IL-9.5, MIX D, N70, 1 3/4"



EXISTING TYPICAL SECTION
ILL 59
STA. 127+09 TO STA. 132+90
STA. 133+61 TO STA. 141+31
STA. 145+64 TO STA. 147+16
STA. 201+14 TO STA. 219+51
STA. 265+14 TO STA. 305+80
STA. 317+03 TO STA. 325+11

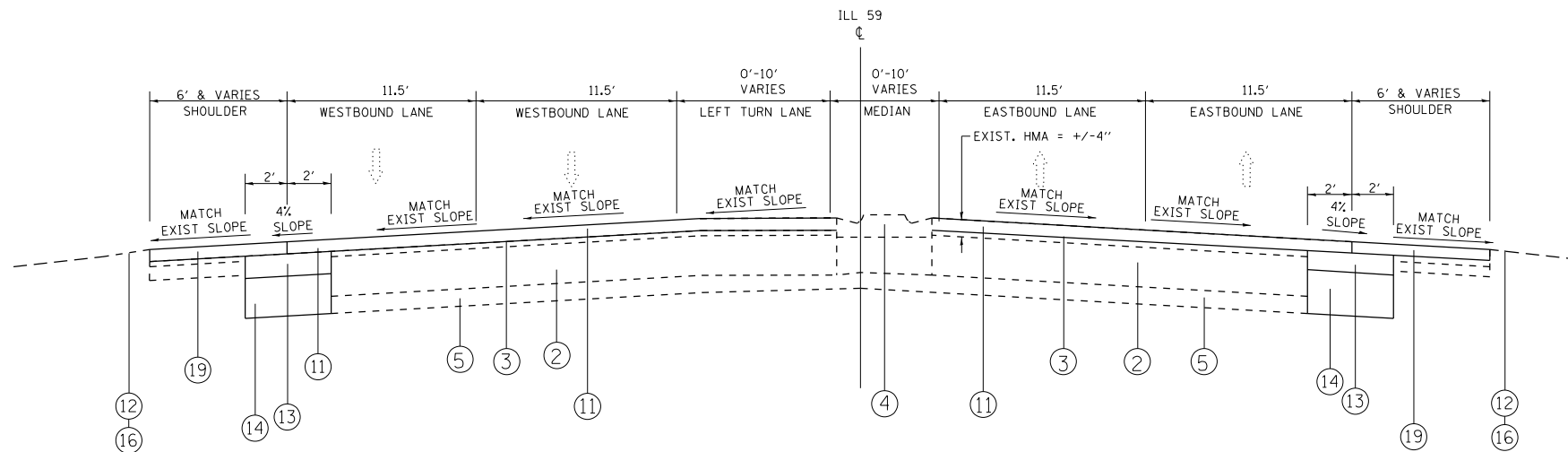
FILE NAME =	USER NAME = yaseen.queshi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 59 (S OF HARITAGE WOODS DR. TO N OF BATAVIA RD.) TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI23822\CADD\Design\B123822-shr-pln.dgn	DESIGNED -	REVISED -	338			FAP 338 22 RS	DUPAGE	78	9	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 62T10							
PLOT DATE = 8/20/2024	DATE -	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
				SHEET NO. 1 OF 1 SHEETS		STA. TO STA.				



EXISTING TYPICAL SECTION
ILL 59
STA. 305+80 TO STA. 307+55

LEGEND

1. EXISTING COMBINATION CONCRETE CURB AND GUTTER
2. EXISTING P.C. CONCRETE PAVEMENT | 10"
3. EXISTING HMA SURFACE COURSE | 4" (BEFORE MILLING)
4. EXISTING MEDIAN
5. EXISTING SUB-BASE | 4"
6. EXISTING AGGREGATE SHOULDER
7. EXISTING HMA SHOULDER; 14"
8. PROPOSED HMA SURFACE REMOVAL, 1 3/4"
9. PROPOSED GRADING AND SHAPING SHOULDERS
10. PROPOSED COMBINATION CONCRETE CURB AND GUTTER (LOCATIONS TO BE DETERMINED BY THE RE IN THE FIELD)
11. PROPOSED POLY. HMA SURFACE COURSE, SMA, 9.5, MIX F, N80, 1 3/4"
12. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
13. PROPOSED HMA BASE COURSE WIDENING, 10 1/4"
14. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
15. PROPOSED SAWCUT
16. PROPOSED GRADING AND SHAPING SHOULDERS
17. PROPOSED AGGREGATE BASE COURSE TYPE B, 4"
18. PROPOSED SHOULDER REMOVAL
19. PROPOSED HMA SURFACE COURSE, IL-9.5, MIX D, N70, 1 3/4"

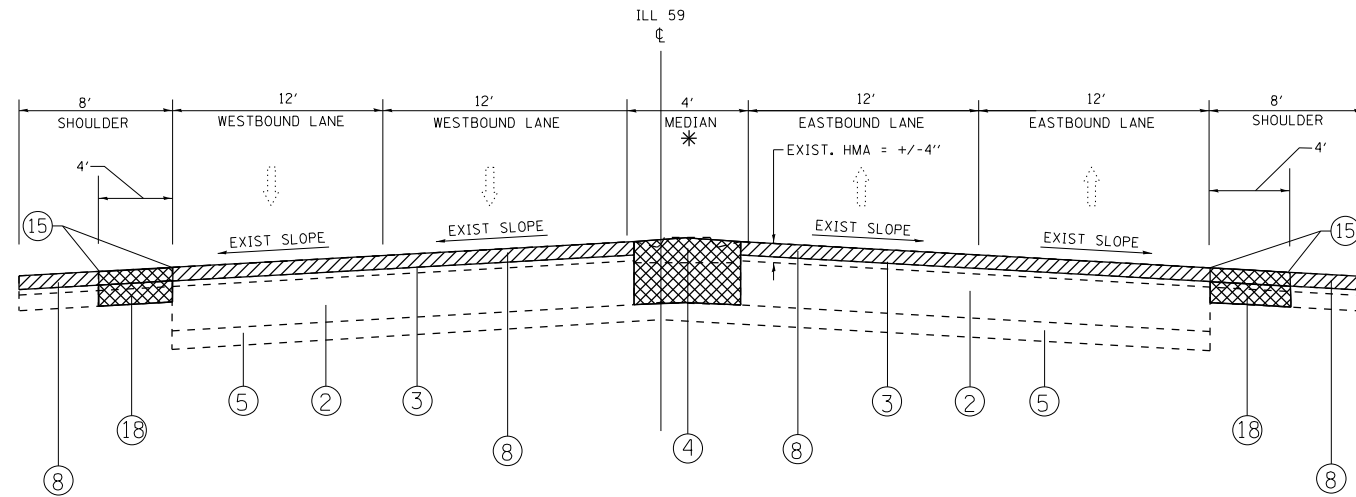


PROPOSED TYPICAL SECTION
ILL 59
STA. 305+80 TO STA. 307+55

FILE NAME =	USER NAME = yaseen.queeshi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 59 (S OF HARITAGE WOODS DR. TO N OF BATAVIA RD.) TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI23822\CADD\Design\B123822-shr-plan.dgn	DRAWN	REVISED -	REVISED -			338	FAP 338 22 RS	DUPAGE	78	10
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -			SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	CONTRACT NO. 62T10
PLOT DATE = 8/20/2024	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

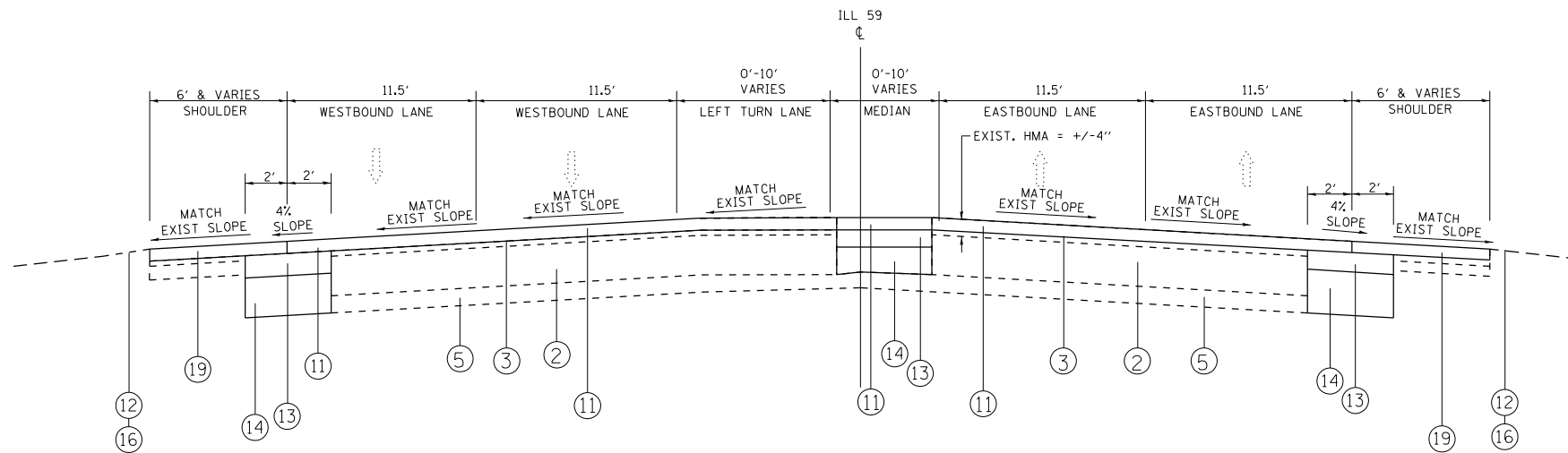
LEGEND

1. EXISTING COMBINATION CONCRETE CURB AND GUTTER
2. EXISTING P.C. CONCRETE PAVEMENT | 10"
3. EXISTING HMA SURFACE COURSE | 4" (BEFORE MILLING)
4. EXISTING MEDIAN
5. EXISTING SUB-BASE | 4"
6. EXISTING AGGREGATE SHOULDER
7. EXISTING HMA SHOULDER; 14"
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10. PROPOSED COMBINATION CONCRETE CURB AND GUTTER (LOCATIONS TO BE DETERMINED BY THE RE IN THE FIELD)
11. PROPOSED POLY. HMA SURFACE COURSE, SMA, 9.5, MIX F, N80, 1 3/4"
12. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
13. PROPOSED HMA BASE COURSE WIDENING, 10 1/4"
14. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
15. PROPOSED SAWCUT
16. PROPOSED GRADING AND SHAPING SHOULDERS
17. PROPOSED AGGREGATE BASE COURSE TYPE B, 4"
18. PROPOSED SHOULDER REMOVAL
19. PROPOSED HMA SURFACE COURSE, IL-9.5, MIX D, N70, 1 3/4"



EXISTING TYPICAL SECTION
ILL 59
STA. 307+55 TO STA. 308+78
STA. 310+45 TO STA. 317+03

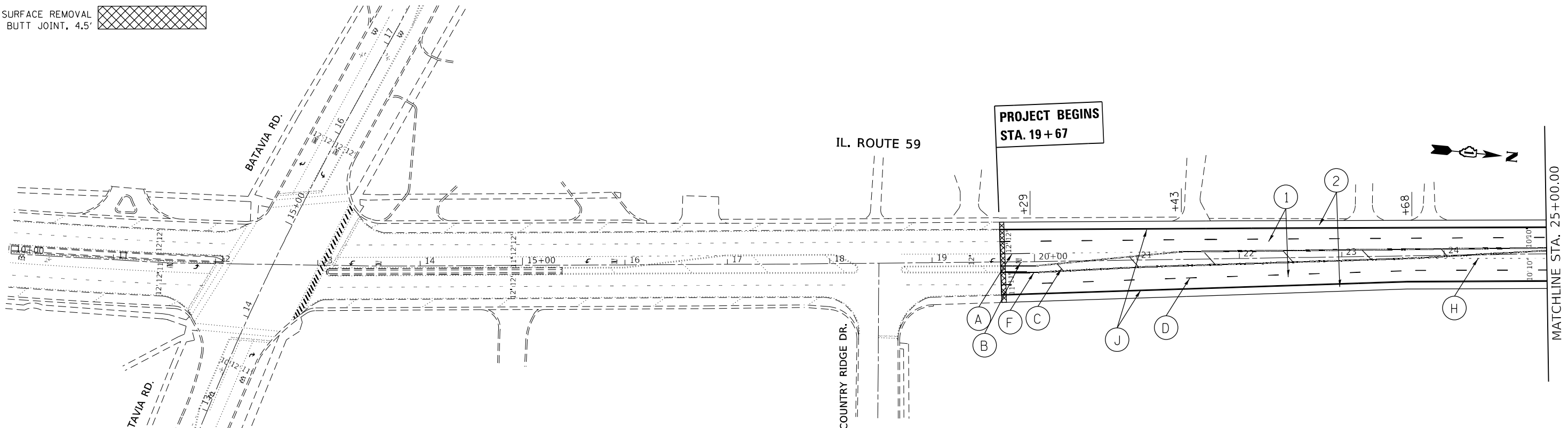
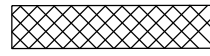
* PAINTED MEDIAN: STA. 308+24 TO STA. 308+78



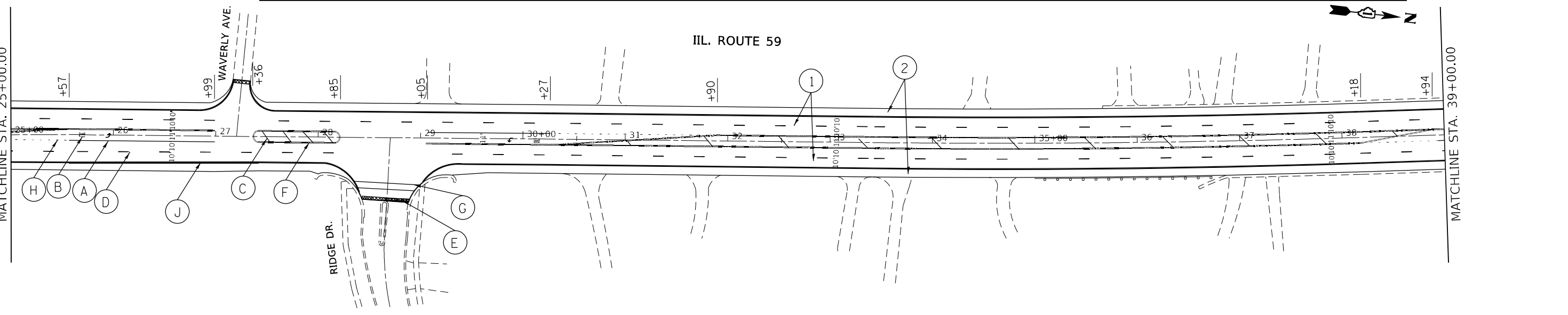
PROPOSED TYPICAL SECTION
ILL 59
STA. 307+55 TO STA. 308+78
STA. 310+45 TO STA. 317+03

FILE NAME =	USER NAME = yaseen.queeshi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 59 (S OF HARITAGE WOODS DR. TO N OF BATAVIA RD.) TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI23822\CADD\Design\B123822-shr-plan.dgn	DRWN	REVISD -	REVISD -			338	FAP 338 22 RS	DUPAGE	78	11
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISD -	REVISD -			SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		CONTRACT NO. 62T10
PLOT DATE = 8/20/2024	DATE -	REVISD -	REVISD -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

HMA SURFACE REMOVAL BUTT JOINT, 4.5'



- | | | | |
|--|--|---|---|
| ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4" | ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4" | PROPOSED CURB RAMP IMPROVEMENT
USE PROJECT DETAIL PD-01A *1
USE PROJECT DETAIL PD-01B *2
USE PROJECT DETAIL PD-01C *3
USE PROJECT DETAIL PD-02A *4
USE PROJECT DETAIL PD-02B *5
USE PROJECT DETAIL PD-02C *6
USE PROJECT DETAIL PD-03A *7
USE PROJECT DETAIL PD-03B *8
USE PROJECT DETAIL PD-04A *9
USE PROJECT DETAIL PD-04B *10
USE PROJECT DETAIL PD-05A *11
USE PROJECT DETAIL PD-05B *12
USE PROJECT DETAIL PD-06A *13
USE PROJECT DETAIL PD-06B *14
USE PEDESTRIAN RAMP DETAILS *15
(SEE SHEETS 32-44)
* = ADA RAMPS | |
| A PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.) | B PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.) | F PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.) | G PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.) |
| C PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.) | D PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.) | H PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.) | I PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.) |
| E PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.) | J PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.) | K PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.) | |
- NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.



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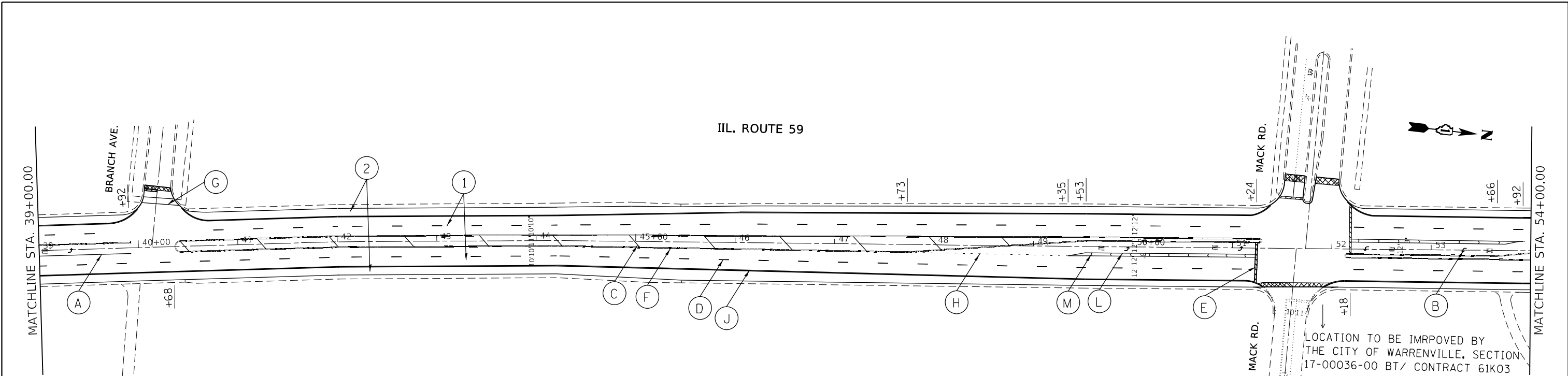
USER NAME = yaseen.ureshi	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/15/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY AND PAVEMENT MARKINGS PLAN IL. ROUTE 59 (S. OF HERITAGE WOODS DR. TO N. OF BATAVIA RD.)			
SCALE: 1"=50'	SHEET	OF	SHEETS
STA.	TO	STA.	

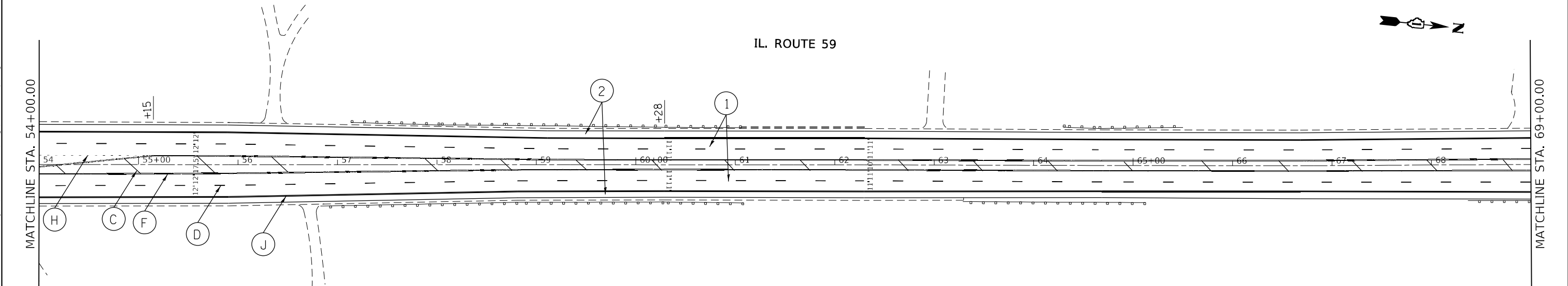
F.A.P. RTE. 338	SECTION FAP 0338 22 RS	COUNTY DUPAGE	TOTAL SHEETS 78	SHEET NO. 12
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 62T10



- | | | |
|--|--|---|
| <p>① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"</p> <p>② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4"</p> <p>Ⓐ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)</p> <p>Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)</p> <p>Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.)</p> <p>Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)</p> <p>Ⓔ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)</p> | <p>Ⓕ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)</p> <p>Ⓖ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)</p> <p>Ⓗ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)</p> <p>Ⓘ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)</p> <p>Ⓙ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.)</p> <p>Ⓚ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.)</p> <p>Ⓛ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 8", WHITE (TYP.)</p> <p>Ⓜ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 10' C-C, WHITE (TYP.)</p> | <p>PROPOSED CURB RAMP IMPROVEMENT</p> <p>USE PROJECT DETAIL PD-01A *1</p> <p>USE PROJECT DETAIL PD-01B *2</p> <p>USE PROJECT DETAIL PD-01C *3</p> <p>USE PROJECT DETAIL PD-02A *4</p> <p>USE PROJECT DETAIL PD-02B *5</p> <p>USE PROJECT DETAIL PD-02C *6</p> <p>USE PROJECT DETAIL PD-03A *7</p> <p>USE PROJECT DETAIL PD-03B *8</p> <p>USE PROJECT DETAIL PD-04A *9</p> <p>USE PROJECT DETAIL PD-04B *10</p> <p>USE PROJECT DETAIL PD-05A *11</p> <p>USE PROJECT DETAIL PD-05B *12</p> <p>USE PROJECT DETAIL PD-06A *13</p> <p>USE PROJECT DETAIL PD-06B *14</p> <p>USE PEDESTRIAN RAMP DETAILS *15
(SEE SHEETS 32-44)</p> <p>* = ADA RAMPS</p> |
|--|--|---|
- NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

LOCATION TO BE IMPROVED BY THE CITY OF WARRENVILLE, SECTION 17-00036-00 BT/ CONTRACT 61K03



HMA SURFACE REMOVAL BUTT JOINT, 4.5'

USER NAME = yaseen.ureshi	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISOR -
PLOT DATE = 8/15/2024	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

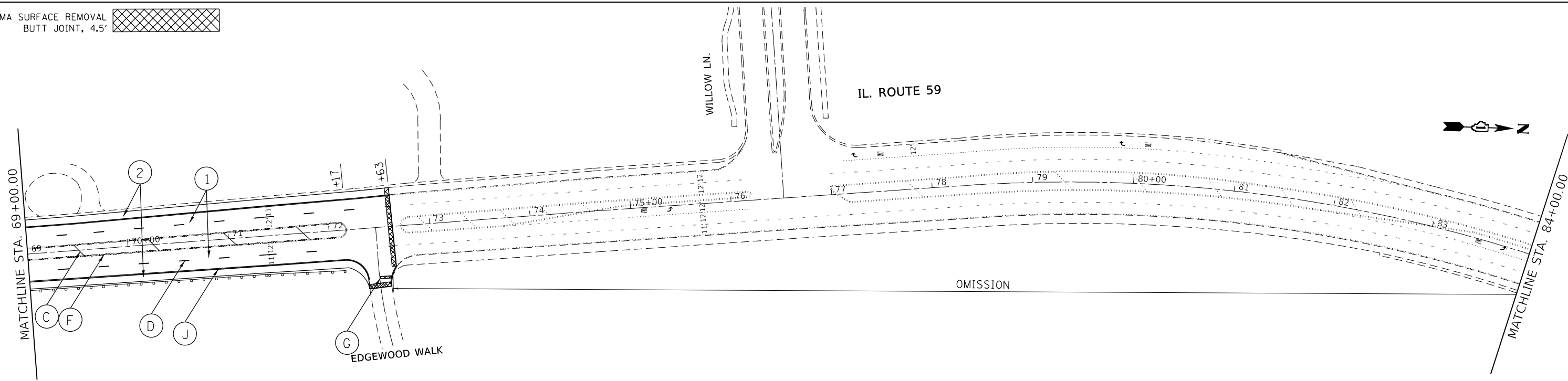
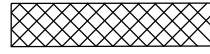
ROADWAY AND PAVEMENT MARKINGS PLAN
ILL. ROUTE 59 (S. OF HERITAGE WOODS DR. TO N. OF BATAVIA RD.)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 22 RS	DUPAGE	78	13
CONTRACT NO. 62T10				
ILLINOIS FED. AID PROJECT				

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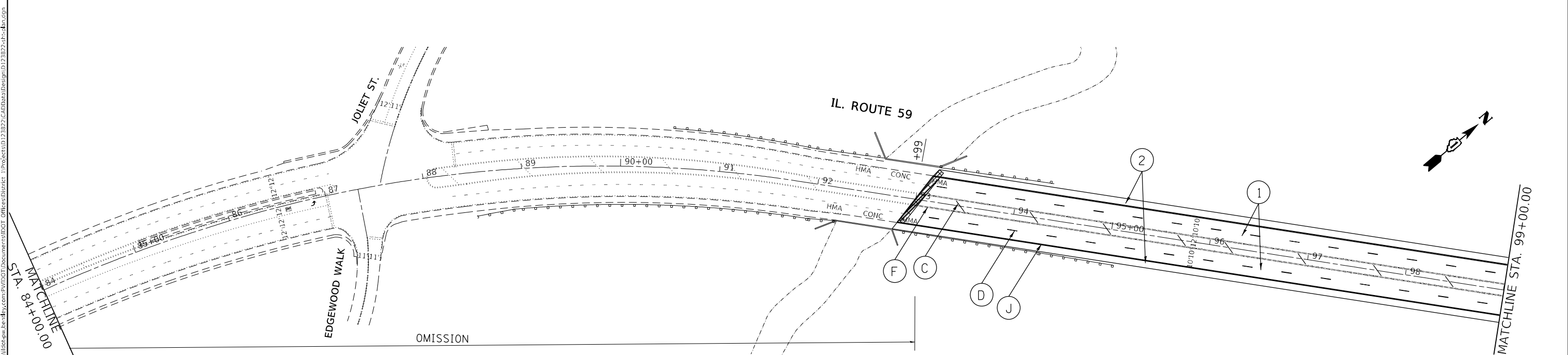
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HMA SURFACE REMOVAL
BUTT JOINT, 4.5'



<p>① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"</p> <p>② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4"</p>	<p>③ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)</p> <p>④ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)</p> <p>⑤ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.)</p> <p>⑥ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)</p> <p>⑦ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)</p>	<p>⑧ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)</p> <p>⑨ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)</p> <p>⑩ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)</p> <p>⑪ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)</p> <p>⑫ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.)</p> <p>⑬ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.)</p> <p>⑭ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 8", WHITE (TYP.)</p> <p>⑮ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 10' C-C, WHITE (TYP.)</p>	<p>PROPOSED CURB RAMP IMPROVEMENT</p> <p>USE PROJECT DETAIL PD-01A +1</p> <p>USE PROJECT DETAIL PD-01B +2</p> <p>USE PROJECT DETAIL PD-01C +3</p> <p>USE PROJECT DETAIL PD-02A +4</p> <p>USE PROJECT DETAIL PD-02B +5</p> <p>USE PROJECT DETAIL PD-02C +6</p> <p>USE PROJECT DETAIL PD-03A +7</p> <p>USE PROJECT DETAIL PD-03B +8</p> <p>USE PROJECT DETAIL PD-04A +9</p> <p>USE PROJECT DETAIL PD-04B +10</p> <p>USE PROJECT DETAIL PD-05A +11</p> <p>USE PROJECT DETAIL PD-05B +12</p> <p>USE PROJECT DETAIL PD-06A +13</p> <p>USE PROJECT DETAIL PD-06B +14</p> <p>USE PEDESTRIAN RAMP DETAILS +15 (SEE SHEETS 32-44)</p> <p>* = ADA RAMPS</p>
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NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DI DETAIL TC-13 AND TC-23B.



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PLOT DATE = 8/15/2024	CHECKED -	REVISED -
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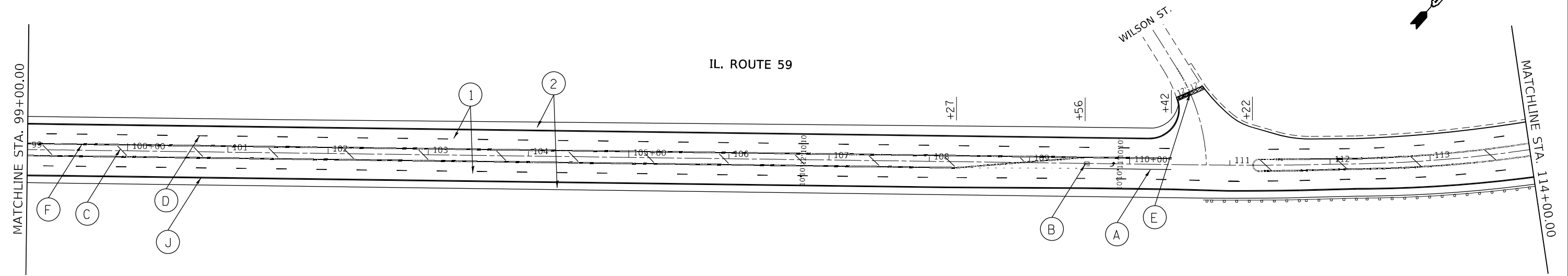
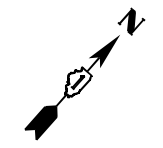
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY AND PAVEMENT MARKINGS PLAN
IL. ROUTE 59 (S. OF HERITAGE WOODS DR. TO N. OF BATAVIA RD.)

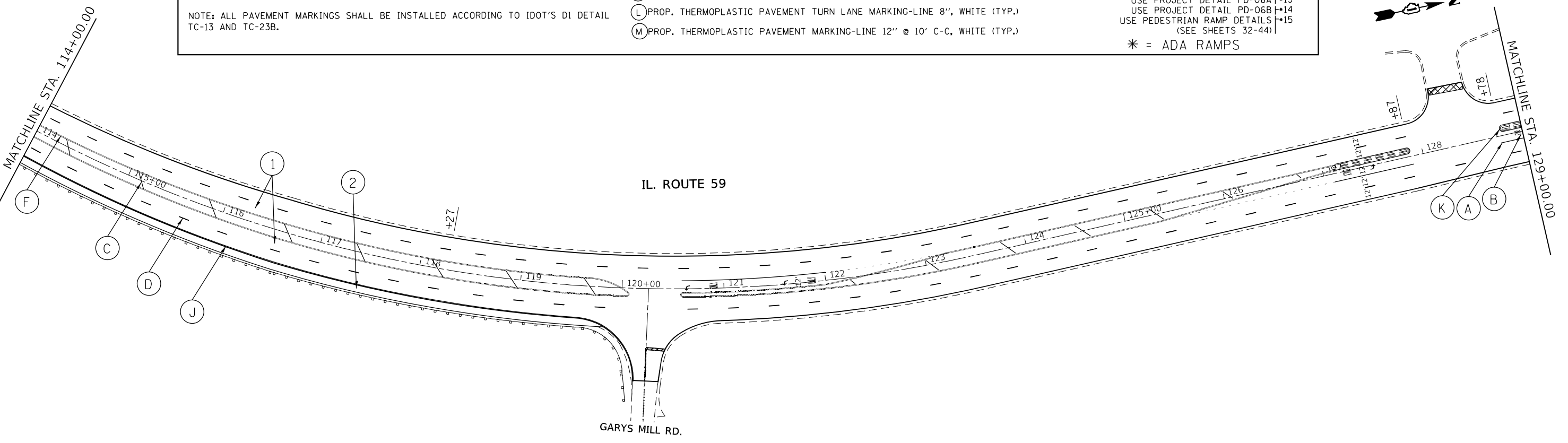
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F.A.P. RTE. 338	SECTION FAP 0338 22 RS	COUNTY DUPAGE	TOTAL SHEETS 78	SHEET NO. 14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T10	

HMA SURFACE REMOVAL
BUTT JOINT, 4.5'



①	PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"	②	PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4"	PROPOSED CURB RAMP IMPROVEMENT USE PROJECT DETAIL PD-01A *1 USE PROJECT DETAIL PD-01B *2 USE PROJECT DETAIL PD-01C *3 USE PROJECT DETAIL PD-02A *4 USE PROJECT DETAIL PD-02B *5 USE PROJECT DETAIL PD-02C *6 USE PROJECT DETAIL PD-03A *7 USE PROJECT DETAIL PD-03B *8 USE PROJECT DETAIL PD-04A *9 USE PROJECT DETAIL PD-04B *10 USE PROJECT DETAIL PD-05A *11 USE PROJECT DETAIL PD-05B *12 USE PROJECT DETAIL PD-06A *13 USE PROJECT DETAIL PD-06B *14 USE PEDESTRIAN RAMP DETAILS *15 (SEE SHEETS 32-44) * = ADA RAMPS	
Ⓐ	PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)	Ⓕ	PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)		
Ⓑ	PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)	Ⓖ	PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)		
Ⓒ	PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.)	Ⓗ	PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)		
Ⓓ	PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)	Ⓘ	PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)		
Ⓔ	PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)	Ⓝ	PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.)		
	NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DI DETAIL TC-13 AND TC-23B.	Ⓚ	PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.)		
		Ⓛ	PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 8", WHITE (TYP.)		
		Ⓜ	PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 10' C-C, WHITE (TYP.)		



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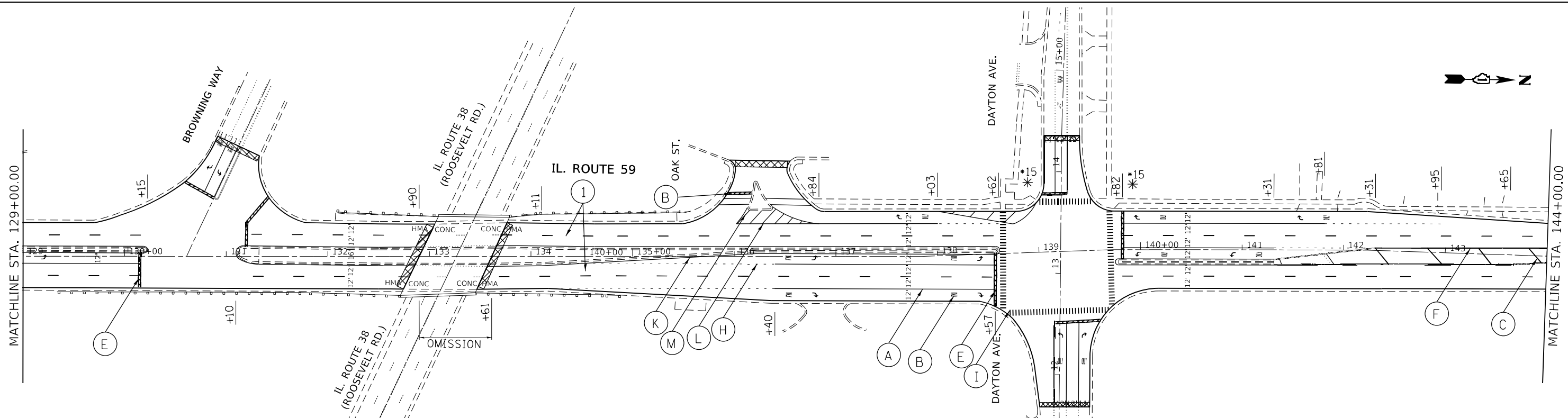
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PLOT DATE = 9/27/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

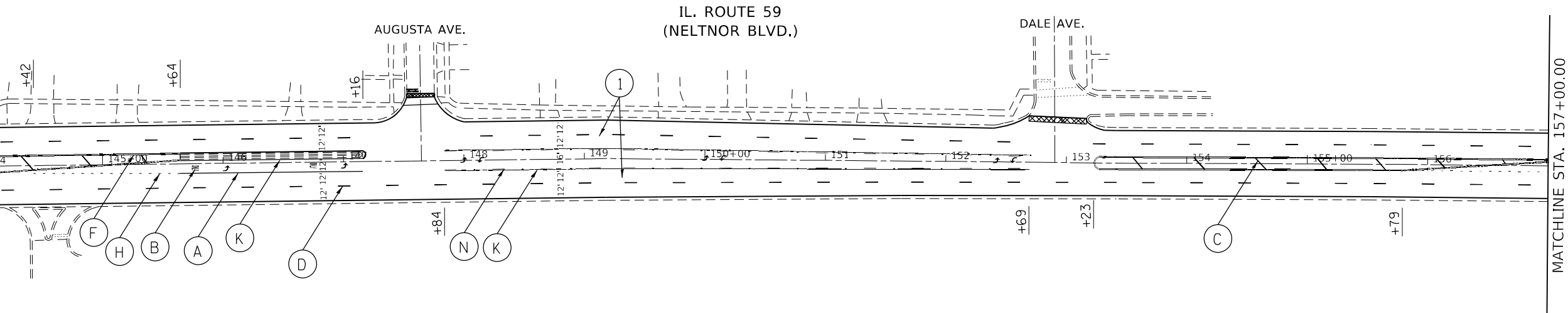
ROADWAY AND PAVEMENT MARKINGS PLAN
IL. ROUTE 59 (S. OF HERITAGE WOODS DR. TO N. OF BATAVIA RD.)
 SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 338	SECTION FAP 0338 22 RS	COUNTY DUPAGE	TOTAL SHEETS 78	SHEET NO. 15
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 62T10



- | | | |
|--|--|---|
| <p>① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"</p> <p>② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4"</p> <p>③ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)</p> <p>④ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)</p> <p>⑤ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.)</p> <p>⑥ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)</p> <p>⑦ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)</p> | <p>⑧ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)</p> <p>⑨ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)</p> <p>⑩ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)</p> <p>⑪ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)</p> <p>⑫ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.)</p> <p>⑬ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.)</p> <p>⑭ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 8", WHITE (TYP.)</p> <p>⑮ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 10' C-C, WHITE (TYP.)</p> <p>⑯ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)</p> | <p>PROPOSED CURB RAMP IMPROVEMENT</p> <ul style="list-style-type: none"> USE PROJECT DETAIL PD-01A +1 USE PROJECT DETAIL PD-01B +2 USE PROJECT DETAIL PD-01C +3 USE PROJECT DETAIL PD-02A +4 USE PROJECT DETAIL PD-02B +5 USE PROJECT DETAIL PD-02C +6 USE PROJECT DETAIL PD-03A +7 USE PROJECT DETAIL PD-03B +8 USE PROJECT DETAIL PD-04A +9 USE PROJECT DETAIL PD-04B +10 USE PROJECT DETAIL PD-05A +11 USE PROJECT DETAIL PD-05B +12 USE PROJECT DETAIL PD-06A +13 USE PROJECT DETAIL PD-06B +14 USE PEDESTRIAN RAMP DETAILS +15 <p>(SEE SHEETS 32-44)</p> <p>* = ADA RAMPS</p> |
|--|--|---|



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HMA SURFACE REMOVAL BUTT JOINT, 4.5'

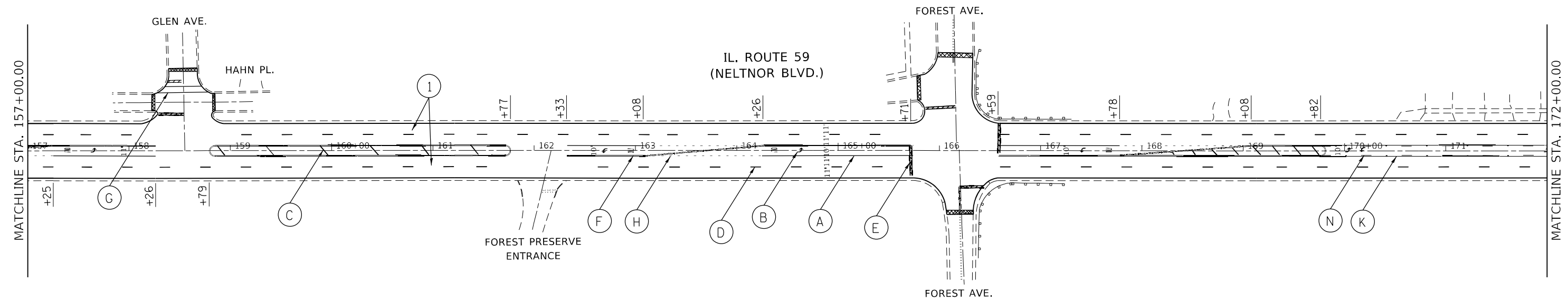
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY AND PAVEMENT MARKINGS PLAN
IL. ROUTE 59 (S. OF HERITAGE WOODS DR. TO N. OF BATAVIA RD.)

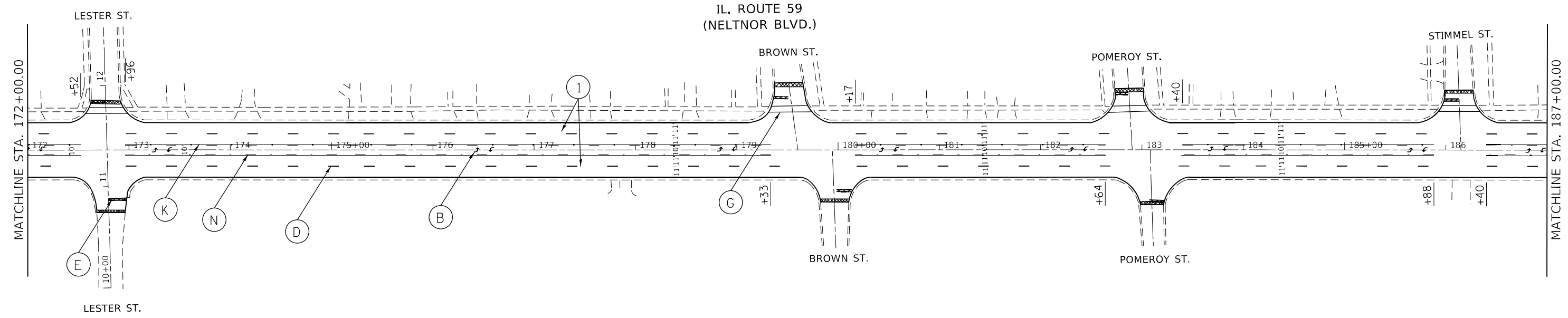
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 22 RS	DUPAGE	78	16
CONTRACT NO. 62T10				
ILLINOIS FED. AID PROJECT				



① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"	② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4"	PROPOSED CURB RAMP IMPROVEMENT USE PROJECT DETAIL PD-01A 1 USE PROJECT DETAIL PD-01B 2 USE PROJECT DETAIL PD-01C 3 USE PROJECT DETAIL PD-02A 4 USE PROJECT DETAIL PD-02B 5 USE PROJECT DETAIL PD-02C 6 USE PROJECT DETAIL PD-03A 7 USE PROJECT DETAIL PD-03B 8 USE PROJECT DETAIL PD-04A 9 USE PROJECT DETAIL PD-04B 10 USE PROJECT DETAIL PD-05A 11 USE PROJECT DETAIL PD-05B 12 USE PROJECT DETAIL PD-06A 13 USE PROJECT DETAIL PD-06B 14 USE PEDESTRIAN RAMP DETAILS 15 (SEE SHEETS 32-44) * = ADA RAMPS
Ⓐ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)	Ⓕ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)	
Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)	Ⓖ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)	
Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.)	Ⓖ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)	
Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)	Ⓙ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)	
Ⓔ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)	Ⓚ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.)	
	Ⓛ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 8", WHITE (TYP.)	
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NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.



HMA SURFACE REMOVAL BUTT JOINT, 4.5'

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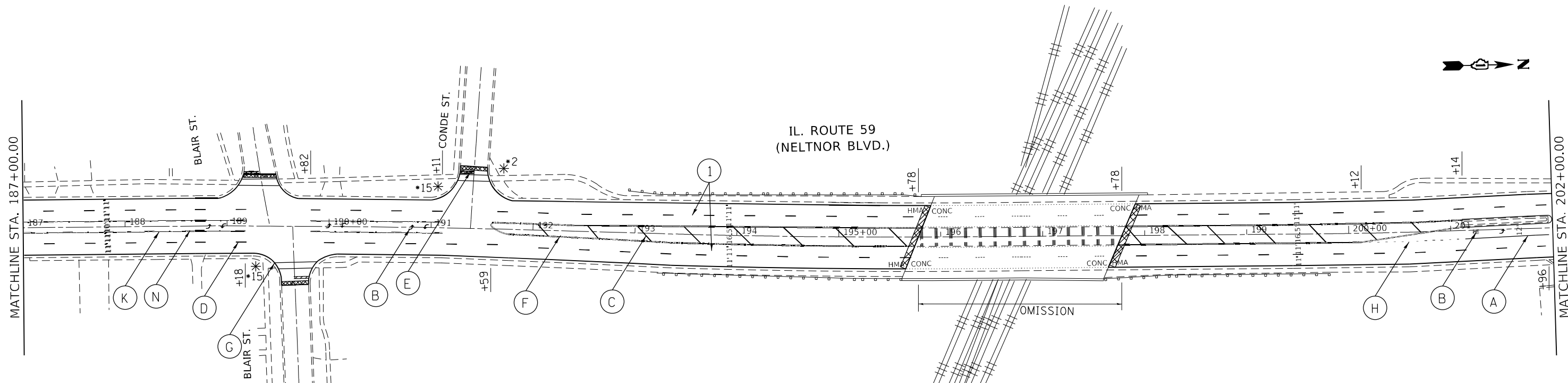
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

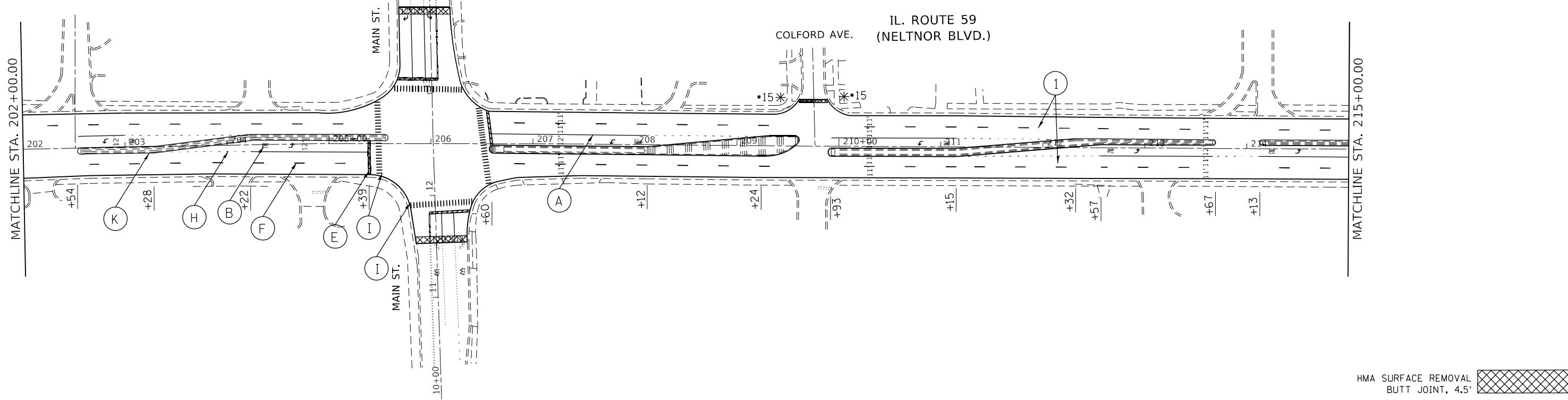
**ROADWAY AND PAVEMENT MARKINGS PLAN
IL. ROUTE 59 (S. OF HERITAGE WOODS DR. TO N. OF BATAVIA RD.)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 22 RS	DUPAGE	78	17
CONTRACT NO. 62T10				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.



- | | |
|---|--|
| <p>① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"</p> <p>② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4"</p> <p>Ⓐ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)</p> <p>Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)</p> <p>Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.)</p> <p>Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)</p> <p>Ⓔ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)</p> <p>Ⓝ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)</p> <p>Ⓖ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)</p> <p>Ⓗ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)</p> <p>Ⓘ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)</p> <p>Ⓚ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.)</p> <p>Ⓛ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 8", WHITE (TYP.)</p> <p>Ⓜ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 10' C-C, WHITE (TYP.)</p> <p>Ⓞ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)</p> | <p>PROPOSED CURB RAMP IMPROVEMENT</p> <ul style="list-style-type: none"> USE PROJECT DETAIL PD-01A +1 USE PROJECT DETAIL PD-01B +2 USE PROJECT DETAIL PD-01C +3 USE PROJECT DETAIL PD-02A +4 USE PROJECT DETAIL PD-02B +5 USE PROJECT DETAIL PD-02C +6 USE PROJECT DETAIL PD-03A +7 USE PROJECT DETAIL PD-03B +8 USE PROJECT DETAIL PD-04A +9 USE PROJECT DETAIL PD-04B +10 USE PROJECT DETAIL PD-05A +11 USE PROJECT DETAIL PD-05B +12 USE PROJECT DETAIL PD-06A +13 USE PROJECT DETAIL PD-06B +14 USE PEDESTRIAN RAMP DETAILS +15 (SEE SHEETS 32-44) <p>* = ADA RAMPS</p> |
|---|--|
- NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.



HMA SURFACE REMOVAL
BUTT JOINT, 4.5'

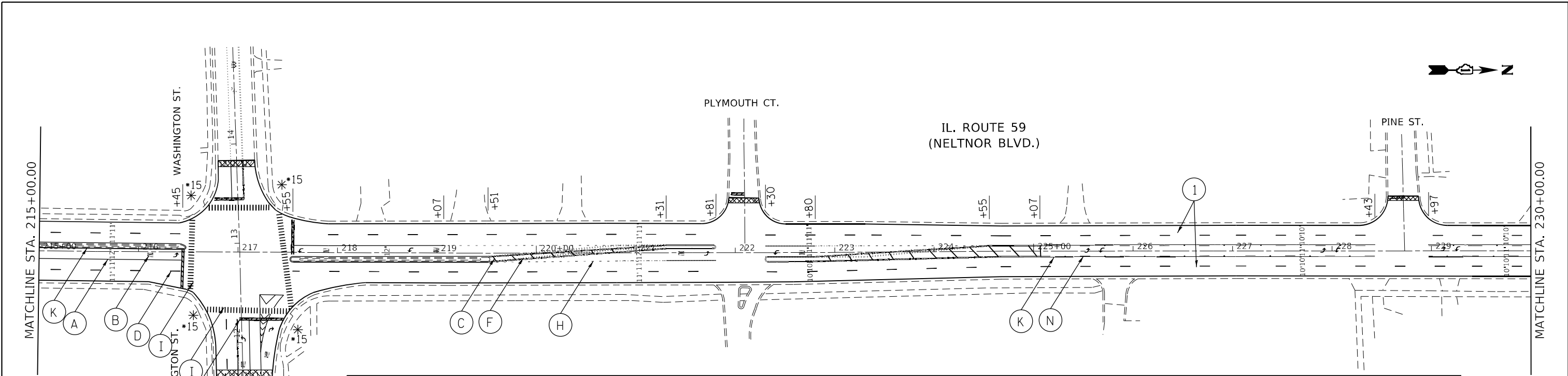
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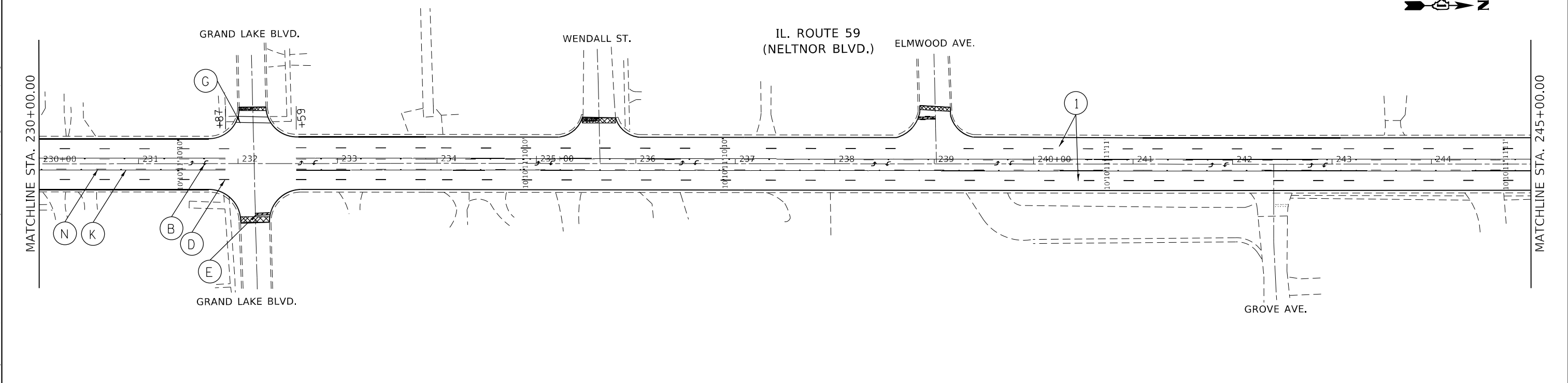
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY AND PAVEMENT MARKINGS PLAN			
IL. ROUTE 59 (S. OF HERITAGE WOODS DR. TO N. OF BATAVIA RD.)			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 22 RS	DUPAGE	78	18
			CONTRACT NO. 62T10	
ILLINOIS FED. AID PROJECT				



- | | | |
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| <p>① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"</p> <p>② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4"</p> <p>(A) PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)</p> <p>(B) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)</p> <p>(C) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.)</p> <p>(D) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)</p> <p>(E) PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)</p> | <p>(F) PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)</p> <p>(G) PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)</p> <p>(H) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)</p> <p>(I) PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)</p> <p>(J) PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.)</p> <p>(K) PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.)</p> <p>(L) PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 8", WHITE (TYP.)</p> <p>(M) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 10' C-C, WHITE (TYP.)</p> <p>(N) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)</p> | <p>PROPOSED CURB RAMP IMPROVEMENT</p> <p>USE PROJECT DETAIL PD-01A *1</p> <p>USE PROJECT DETAIL PD-01B *2</p> <p>USE PROJECT DETAIL PD-01C *3</p> <p>USE PROJECT DETAIL PD-02A *4</p> <p>USE PROJECT DETAIL PD-02B *5</p> <p>USE PROJECT DETAIL PD-02C *6</p> <p>USE PROJECT DETAIL PD-03A *7</p> <p>USE PROJECT DETAIL PD-03B *8</p> <p>USE PROJECT DETAIL PD-04A *9</p> <p>USE PROJECT DETAIL PD-04B *10</p> <p>USE PROJECT DETAIL PD-05A *11</p> <p>USE PROJECT DETAIL PD-05B *12</p> <p>USE PROJECT DETAIL PD-06A *13</p> <p>USE PROJECT DETAIL PD-06B *14</p> <p>USE PEDESTRIAN RAMP DETAILS *15</p> <p>(SEE SHEETS 32-44)</p> <p>* = ADA RAMP</p> |
|--|--|---|
- NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.



HMA SURFACE REMOVAL BUTT JOINT, 4.5'

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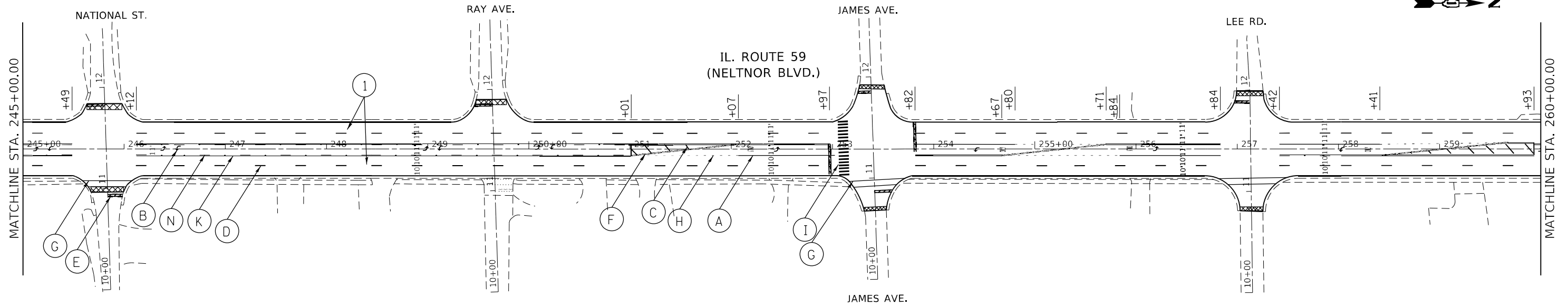
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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 9/27/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKINGS PLAN
IL. ROUTE 59 (S. OF HERITAGE WOODS DR. TO N. OF BATAVIA RD.)**

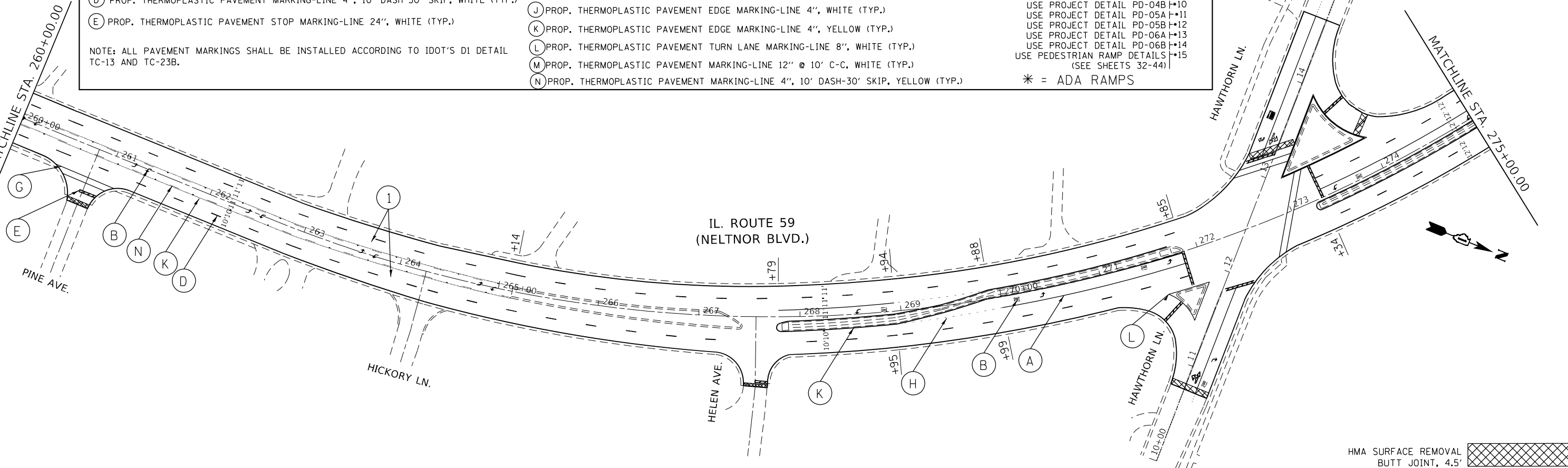
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 22 RS	DUPAGE	78	19
CONTRACT NO. 62T10				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.



NATIONAL ST. RAY AVE. JAMES AVE. LEE RD.

1	PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"	2	PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4"	PROPOSED CURB RAMP IMPROVEMENT USE PROJECT DETAIL PD-01A *1 USE PROJECT DETAIL PD-01B *2 USE PROJECT DETAIL PD-01C *3 USE PROJECT DETAIL PD-02A *4 USE PROJECT DETAIL PD-02B *5 USE PROJECT DETAIL PD-02C *6 USE PROJECT DETAIL PD-03A *7 USE PROJECT DETAIL PD-03B *8 USE PROJECT DETAIL PD-04A *9 USE PROJECT DETAIL PD-04B *10 USE PROJECT DETAIL PD-05A *11 USE PROJECT DETAIL PD-05B *12 USE PROJECT DETAIL PD-06A *13 USE PROJECT DETAIL PD-06B *14 USE PEDESTRIAN RAMP DETAILS *15 (SEE SHEETS 32-44) * = ADA RAMPS	
A	PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)	F	PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)		
B	PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)	G	PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)		
C	PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.)	H	PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)		
D	PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)	I	PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)		
E	PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)	J	PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.)		
NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.					
K	PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.)	L	PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 8", WHITE (TYP.)		
				M	PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 10' C-C, WHITE (TYP.)
				N	PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)



PINE AVE. HICKORY LN. HELEN AVE. HAWTHORN LN.

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

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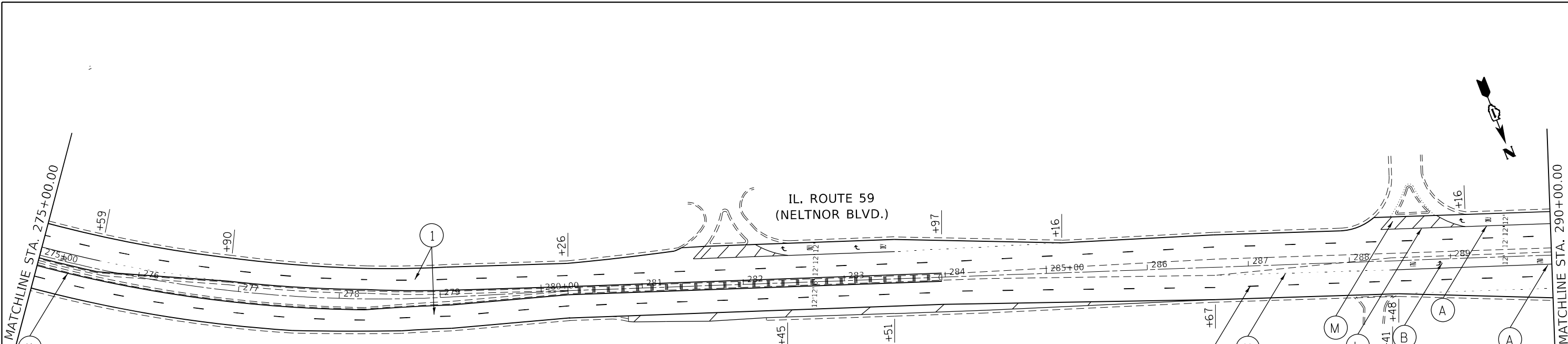
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DRAWN -	REVISED -	
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PLOT DATE = 9/27/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

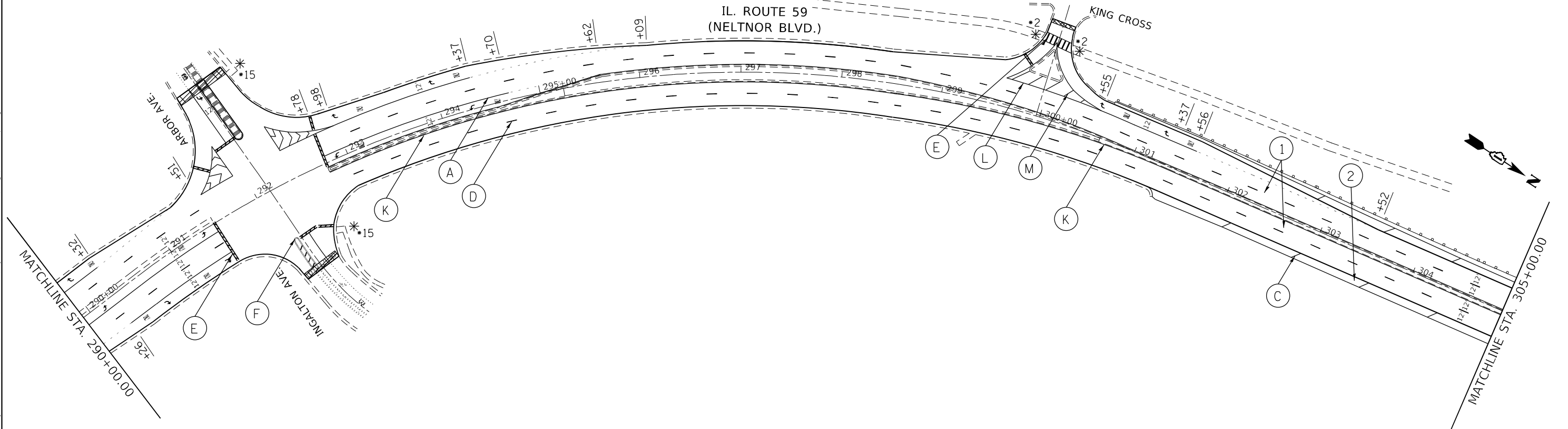
**ROADWAY AND PAVEMENT MARKINGS PLAN
IL. ROUTE 59 (S. OF HERITAGE WOODS DR. TO N. OF BATAVIA RD.)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 22 RS	DUPAGE	78	20
				CONTRACT NO. 62T10
				ILLINOIS FED. AID PROJECT

SCALE: 1"=50'
SHEET OF SHEETS STA. TO STA.



- | | | |
|--|--|--|
| ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4" | ② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4" | PROPOSED CURB RAMP IMPROVEMENT
USE PROJECT DETAIL PD-01A *1
USE PROJECT DETAIL PD-01B *2
USE PROJECT DETAIL PD-01C *3
USE PROJECT DETAIL PD-02A *4
USE PROJECT DETAIL PD-02B *5
USE PROJECT DETAIL PD-02C *6
USE PROJECT DETAIL PD-03A *7
USE PROJECT DETAIL PD-03B *8
USE PROJECT DETAIL PD-04A *9
USE PROJECT DETAIL PD-04B *10
USE PROJECT DETAIL PD-05A *11
USE PROJECT DETAIL PD-05B *12
USE PROJECT DETAIL PD-06A *13
USE PROJECT DETAIL PD-06B *14
USE PEDESTRIAN RAMP DETAILS *15
(SEE SHEETS 32-44)
* = ADA RAMPS |
| Ⓐ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.) | Ⓕ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.) | |
| Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.) | Ⓖ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.) | |
| Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.) | Ⓗ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.) | |
| Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.) | Ⓘ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.) | |
| Ⓔ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.) | Ⓝ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.) | |
| | Ⓚ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.) | |
| | Ⓛ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 8", WHITE (TYP.) | |
| | Ⓜ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 10' C-C, WHITE (TYP.) | |
| | Ⓝ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.) | |
- NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DI DETAIL TC-13 AND TC-23B.



HMA SURFACE REMOVAL BUTT JOINT, 4.5'

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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/15/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY AND PAVEMENT MARKINGS PLAN
IL. ROUTE 59 (S. OF HERITAGE WOODS DR. TO N. OF BATAVIA RD.)
 SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 22 RS	DUPAGE	78	21
CONTRACT NO. 62T10			ILLINOIS FED. AID PROJECT	

① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
 PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"

② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
 PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4"

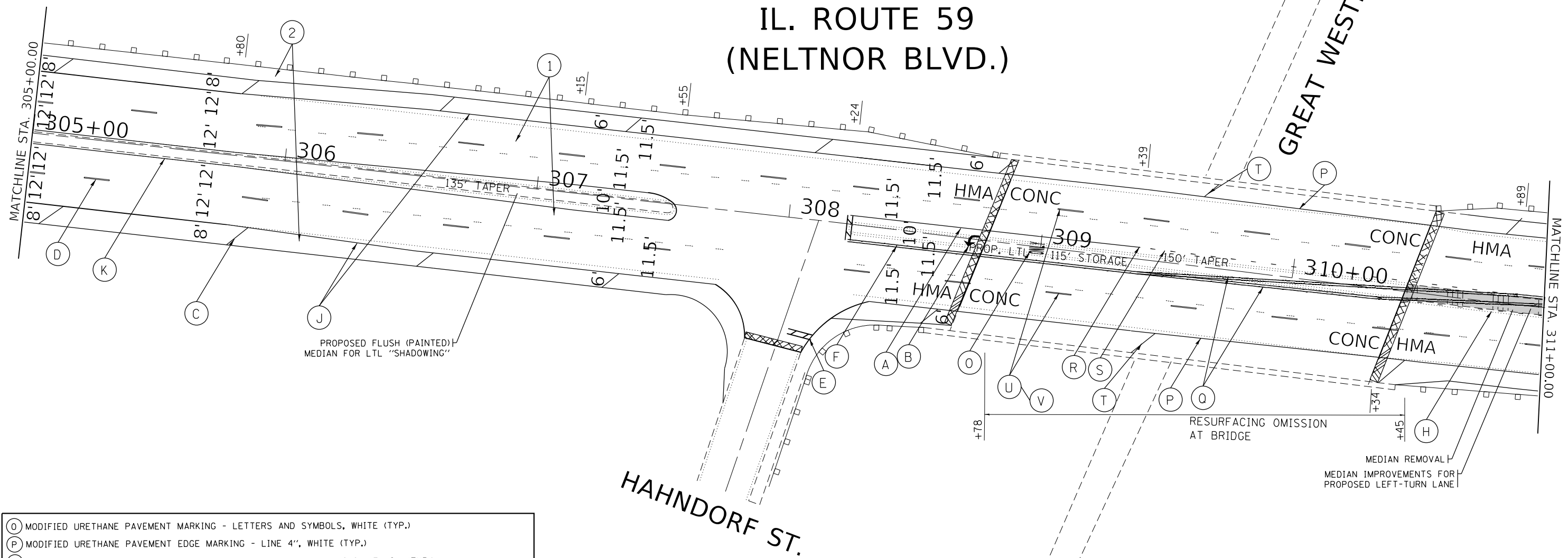
- Ⓐ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)

- Ⓕ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- Ⓖ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)
- Ⓗ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- Ⓘ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- Ⓝ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.)
- Ⓚ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.)
- Ⓛ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 8", WHITE (TYP.)
- Ⓜ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 10' C-C, WHITE (TYP.)
- Ⓝ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)

NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

PROPOSED CURB RAMP IMPROVEMENT
 USE PROJECT DETAIL PD-01A *+1
 USE PROJECT DETAIL PD-01B *+2
 USE PROJECT DETAIL PD-01C *+3
 USE PROJECT DETAIL PD-02A *+4
 USE PROJECT DETAIL PD-02B *+5
 USE PROJECT DETAIL PD-02C *+6
 USE PROJECT DETAIL PD-03A *+7
 USE PROJECT DETAIL PD-03B *+8
 USE PROJECT DETAIL PD-04A *+9
 USE PROJECT DETAIL PD-04B *+10
 USE PROJECT DETAIL PD-05A *+11
 USE PROJECT DETAIL PD-05B *+12
 USE PROJECT DETAIL PD-06A *+13
 USE PROJECT DETAIL PD-06B *+14
 USE PEDESTRIAN RAMP DETAILS *+15
 (SEE SHEETS 32-44)
 * = ADA RAMPS

IL. ROUTE 59 (NELTNOR BLVD.)



- Ⓞ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS, WHITE (TYP.)
- Ⓟ MODIFIED URETHANE PAVEMENT EDGE MARKING - LINE 4", WHITE (TYP.)
- Ⓠ MODIFIED URETHANE PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- Ⓡ MODIFIED URETHANE PAVEMENT TURN LANE MARKING - LINE 6", WHITE (TYP.)
- Ⓢ MODIFIED URETHANE PAVEMENT MARKING - LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- Ⓣ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" @ 75' C-C, WHITE (TYP.)
- Ⓤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LINE 7", 10' DASH-30' SKIP, WHITE (TYP.)
- Ⓥ GROOVING FOR RECESSED PAVEMENT MARKING 8"

MEDIAN IMPROVEMENTS FOR PROPOSED LEFT-TURN-LANE

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

FILE NAME =	USER NAME = yaseen.queshi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKINGS PLAN IL. ROUTE 59 (S. OF HERITAGE WOODS DR. TO N. OF BATAVIA RD.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLotted DATE = 8/16/2024	DATE -	REVISED -	REVISED -			SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		CONTRACT NO. 62T10	
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
 PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"

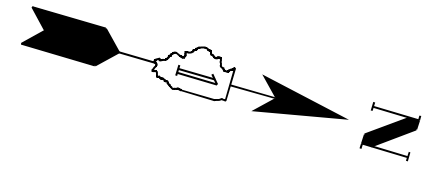
② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
 PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4"

- Ⓐ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)

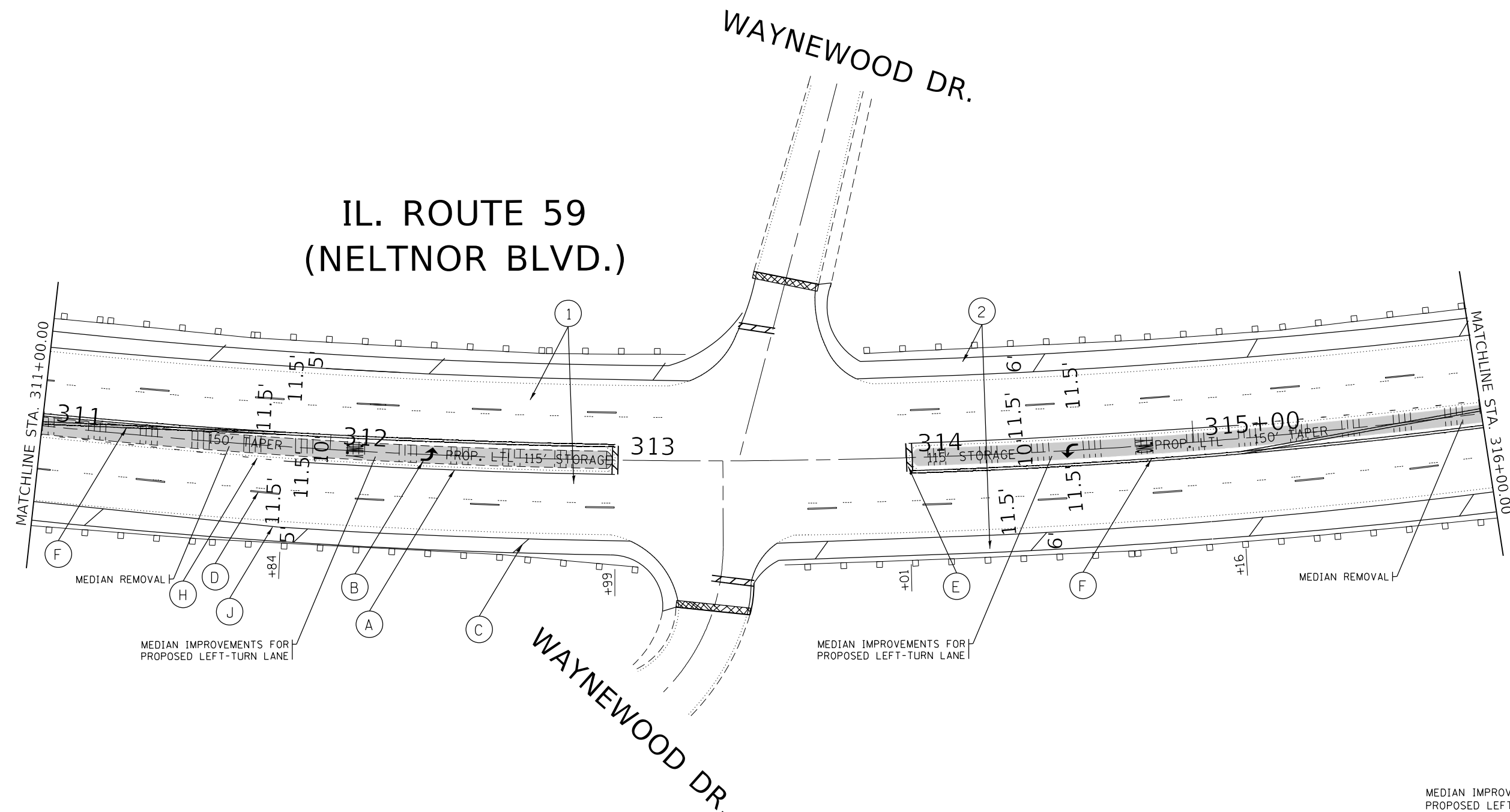
- Ⓕ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- Ⓖ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)
- Ⓗ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- Ⓘ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- Ⓝ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.)
- Ⓚ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.)
- Ⓛ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 8", WHITE (TYP.)
- Ⓜ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 10' C-C, WHITE (TYP.)
- Ⓝ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)

PROPOSED CURB RAMP IMPROVEMENT
 USE PROJECT DETAIL PD-01A | 1
 USE PROJECT DETAIL PD-01B | 2
 USE PROJECT DETAIL PD-01C | 3
 USE PROJECT DETAIL PD-02A | 4
 USE PROJECT DETAIL PD-02B | 5
 USE PROJECT DETAIL PD-02C | 6
 USE PROJECT DETAIL PD-03A | 7
 USE PROJECT DETAIL PD-03B | 8
 USE PROJECT DETAIL PD-04A | 9
 USE PROJECT DETAIL PD-04B | 10
 USE PROJECT DETAIL PD-05A | 11
 USE PROJECT DETAIL PD-05B | 12
 USE PROJECT DETAIL PD-06A | 13
 USE PROJECT DETAIL PD-06B | 14
 USE PEDESTRIAN RAMP DETAILS | 15
 (SEE SHEETS 32-44)
 * = ADA RAMPS

NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.



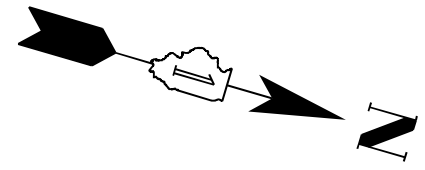
IL. ROUTE 59 (NELTNOR BLVD.)



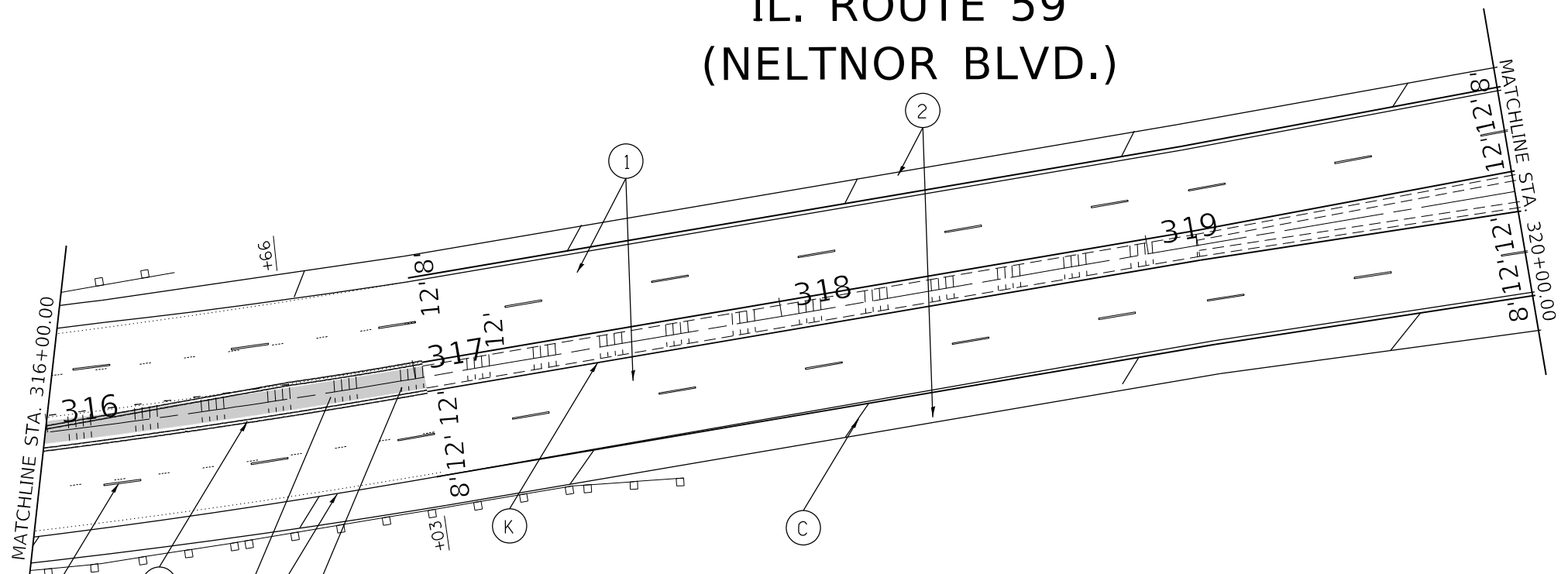
MEDIAN IMPROVEMENTS FOR PROPOSED LEFT TURN-LANE
 HMA SURFACE REMOVAL BUTT JOINT, 4.5'

FILE NAME =	USER NAME = yaseen.queshi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKINGS PLAN IL. ROUTE 59 (S. OF HERITAGE WOODS DR. TO N. OF BATAVIA RD.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -			SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	
PLOT DATE = 8/16/2024	DATE -	REVISED -	REVISED -			CONTRACT NO. 62T10				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



IL. ROUTE 59 (NELTNOR BLVD.)

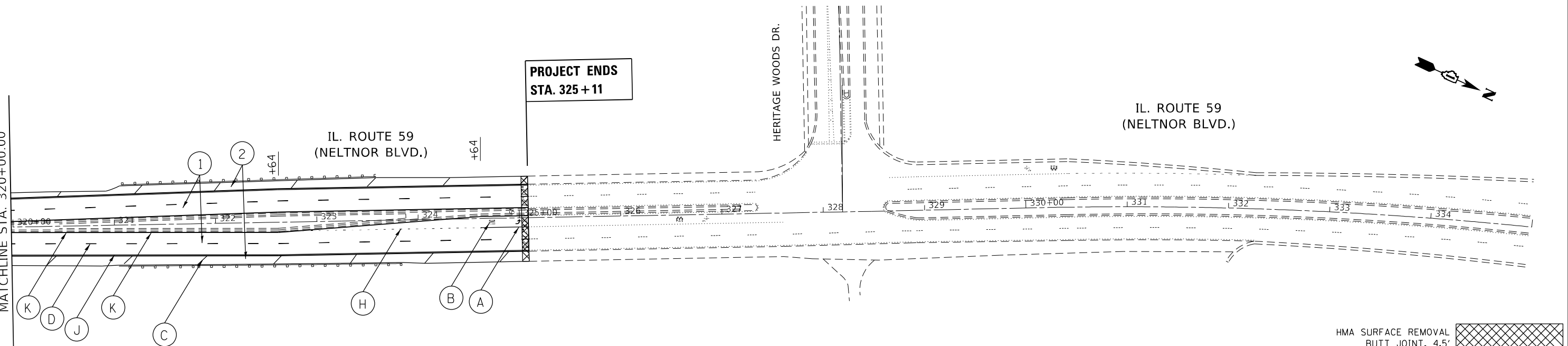


MEDIAN IMPROVEMENTS FOR PROPOSED LEFT-TURN-LANE

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

<p>① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"</p> <p>② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4"</p>	<p>③ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)</p> <p>④ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)</p> <p>⑤ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.)</p> <p>⑥ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)</p> <p>⑦ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)</p>	<p>⑧ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)</p> <p>⑨ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)</p> <p>⑩ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)</p> <p>⑪ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)</p> <p>⑫ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.)</p> <p>⑬ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.)</p> <p>⑭ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 8", WHITE (TYP.)</p> <p>⑮ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 10' C-C, WHITE (TYP.)</p> <p>⑯ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)</p>
<p>NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DI DETAIL TC-13 AND TC-23B.</p>		<p>PROPOSED CURB RAMP IMPROVEMENT</p> <p>USE PROJECT DETAIL PD-01A *1</p> <p>USE PROJECT DETAIL PD-01B *2</p> <p>USE PROJECT DETAIL PD-01C *3</p> <p>USE PROJECT DETAIL PD-02A *4</p> <p>USE PROJECT DETAIL PD-02B *5</p> <p>USE PROJECT DETAIL PD-02C *6</p> <p>USE PROJECT DETAIL PD-03A *7</p> <p>USE PROJECT DETAIL PD-03B *8</p> <p>USE PROJECT DETAIL PD-04A *9</p> <p>USE PROJECT DETAIL PD-04B *10</p> <p>USE PROJECT DETAIL PD-05A *11</p> <p>USE PROJECT DETAIL PD-05B *12</p> <p>USE PROJECT DETAIL PD-06A *13</p> <p>USE PROJECT DETAIL PD-06B *14</p> <p>USE PEDESTRIAN RAMP DETAILS *15</p> <p>(SEE SHEETS 32-44)</p> <p>* = ADA RAMPS</p>

① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" PROP. POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"	② PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" PROP. HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 3/4"	PROPOSED CURB RAMP IMPROVEMENT USE PROJECT DETAIL PD-01A +1 USE PROJECT DETAIL PD-01B +2 USE PROJECT DETAIL PD-01C +3 USE PROJECT DETAIL PD-02A +4 USE PROJECT DETAIL PD-02B +5 USE PROJECT DETAIL PD-02C +6 USE PROJECT DETAIL PD-03A +7 USE PROJECT DETAIL PD-03B +8 USE PROJECT DETAIL PD-04A +9 USE PROJECT DETAIL PD-04B +10 USE PROJECT DETAIL PD-05A +11 USE PROJECT DETAIL PD-05B +12 USE PROJECT DETAIL PD-06A +13 USE PROJECT DETAIL PD-06B +14 USE PEDESTRIAN RAMP DETAILS +15 (SEE SHEETS 32-44) * = ADA RAMPS
Ⓐ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)	Ⓕ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)	
Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)	Ⓖ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)	
Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.)	Ⓗ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)	
Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)	Ⓘ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)	
Ⓔ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)	Ⓝ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.)	
	Ⓚ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.)	
	Ⓛ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 8", WHITE (TYP.)	
	Ⓜ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 10' C-C, WHITE (TYP.)	
	Ⓝ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)	



HMA SURFACE REMOVAL BUTT JOINT, 4.5'

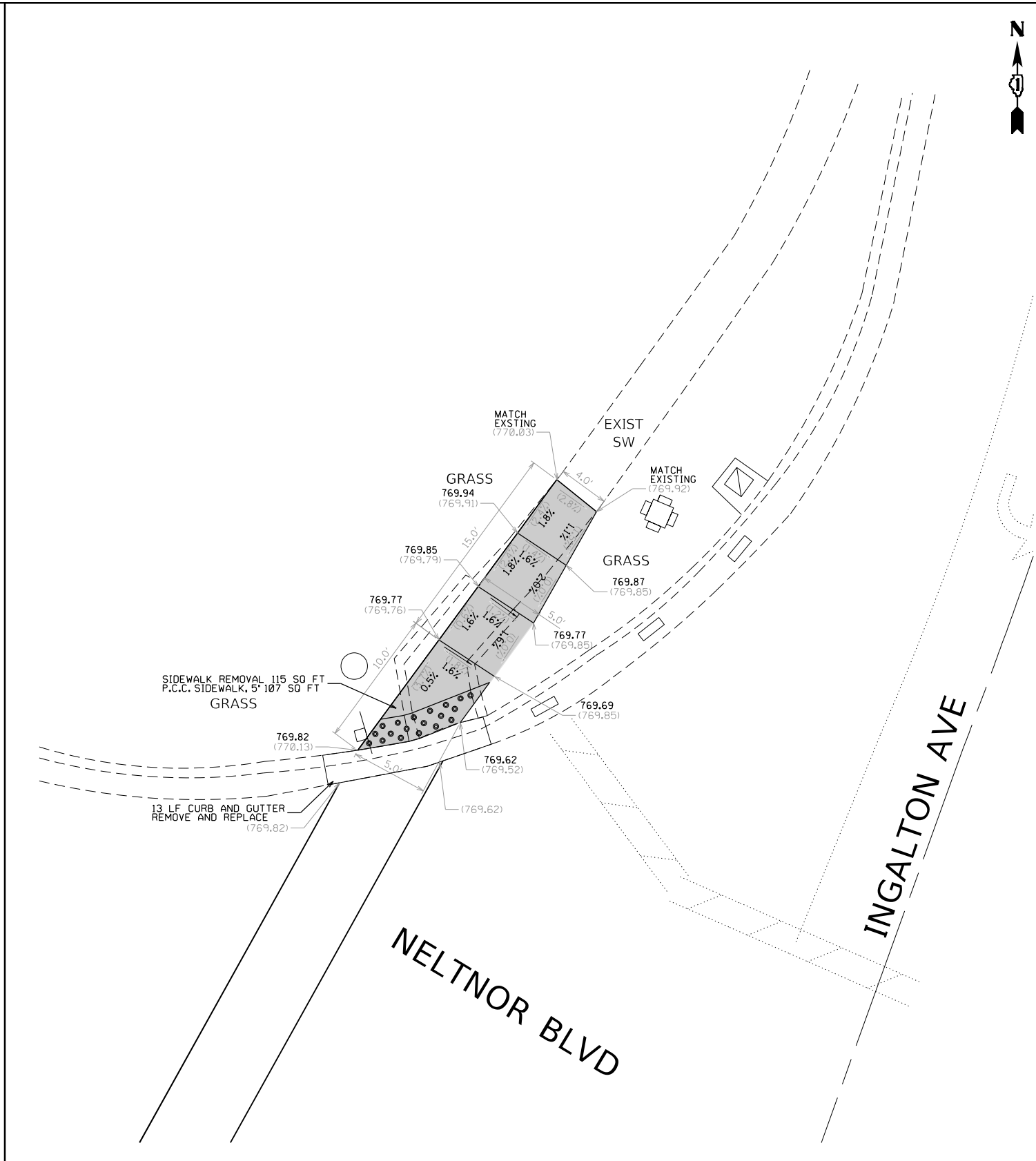
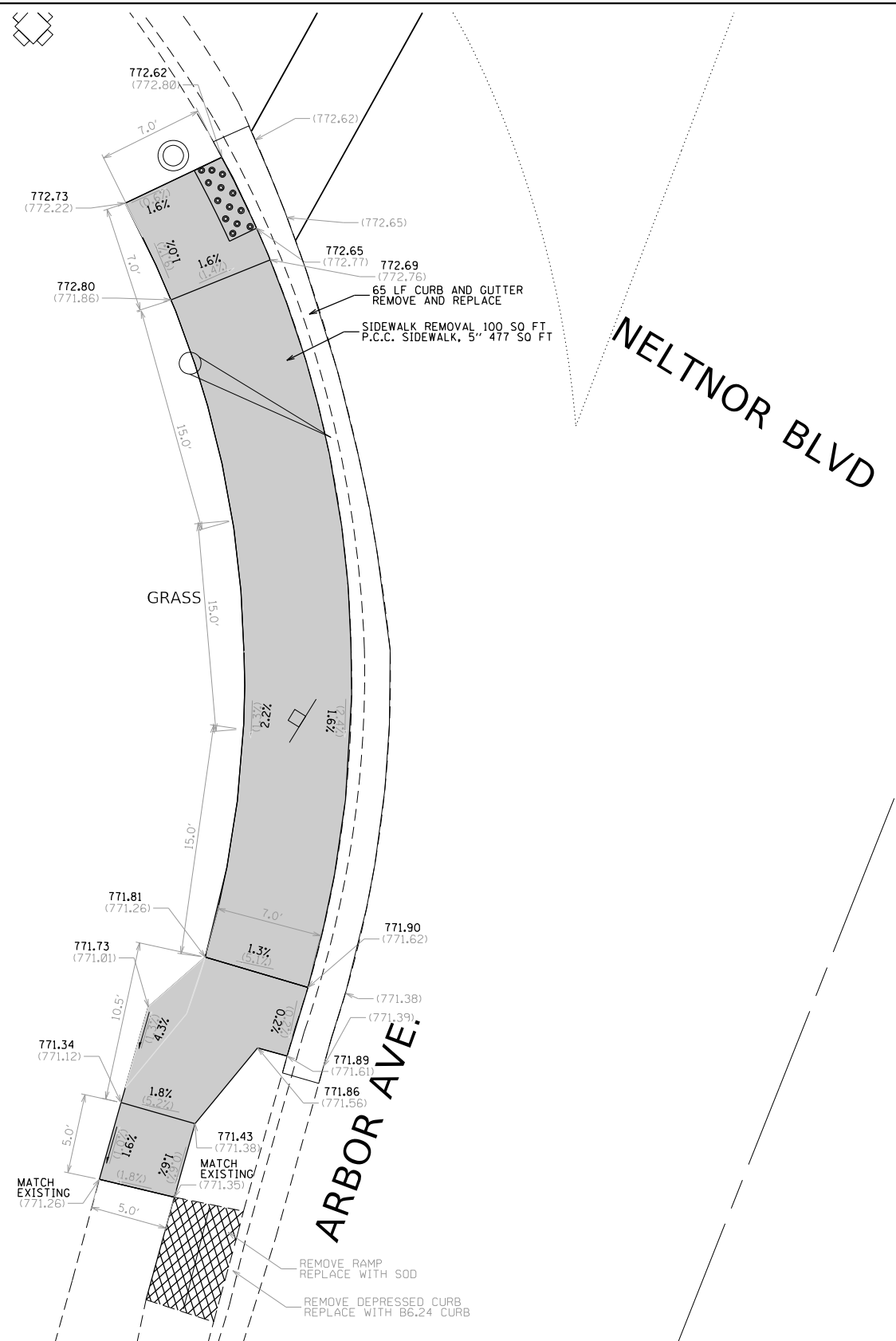
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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/15/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY AND PAVEMENT MARKINGS PLAN
IL. ROUTE 59 (S. OF HERITAGE WOODS DR. TO N. OF BATAVIA RD.)
 SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 22 RS	DUPAGE	78	25
CONTRACT NO. 62T10				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCH MARK ELEV 773.29
 BENCHMARK : CUT SQUARE IN NORTH FACE TRAFFIC SIGNAL
 LOCATION : AT THE SOUTHEAST CORNER OF ILL 59 & ARBOR AVE.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCH MARK ELEV 773.29
 BENCHMARK : CUT SQUARE IN NORTH FACE TRAFFIC SIGNAL
 LOCATION : AT THE SOUTHEAST CORNER OF ILL 59 & ARBOR AVE.

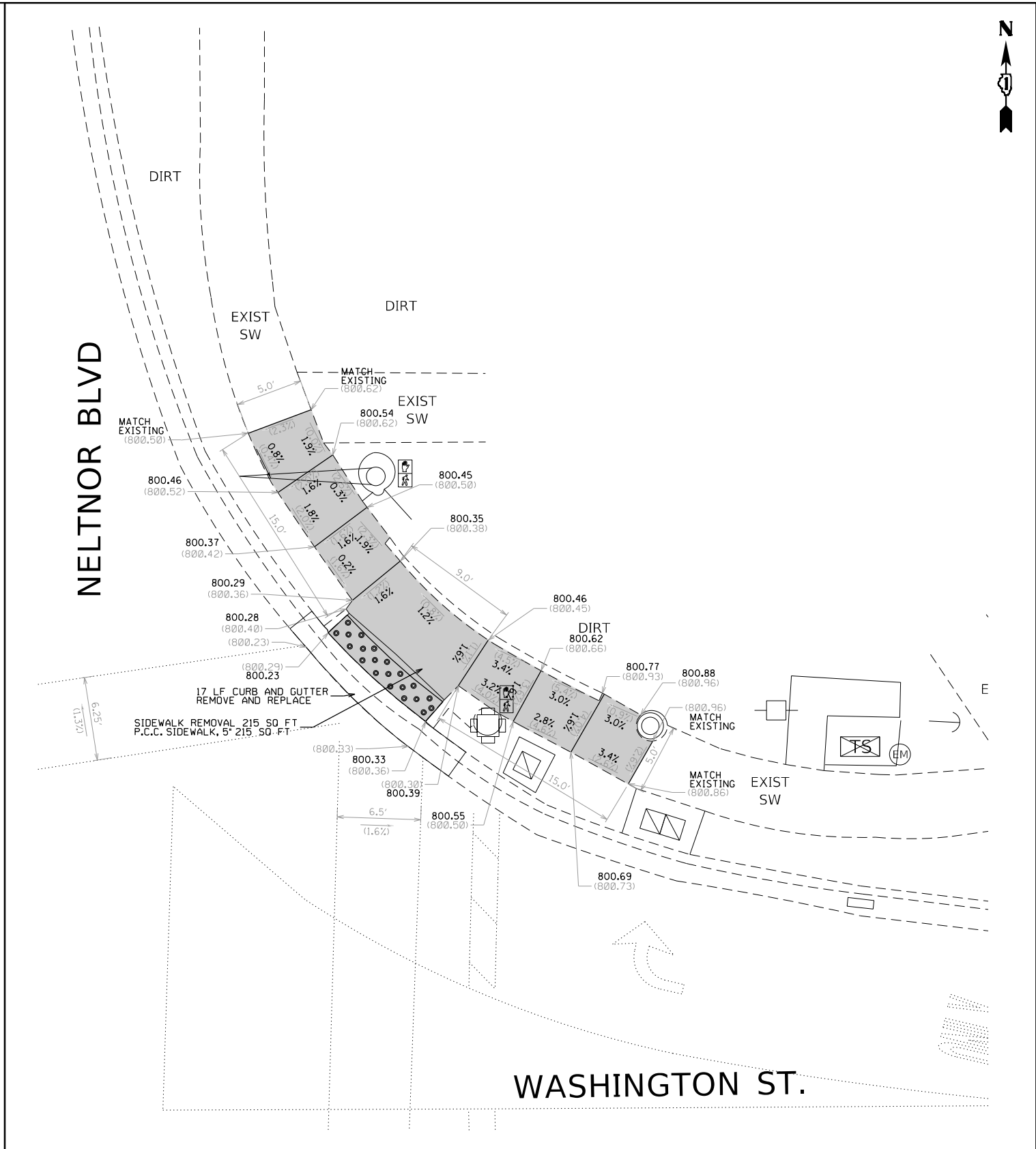
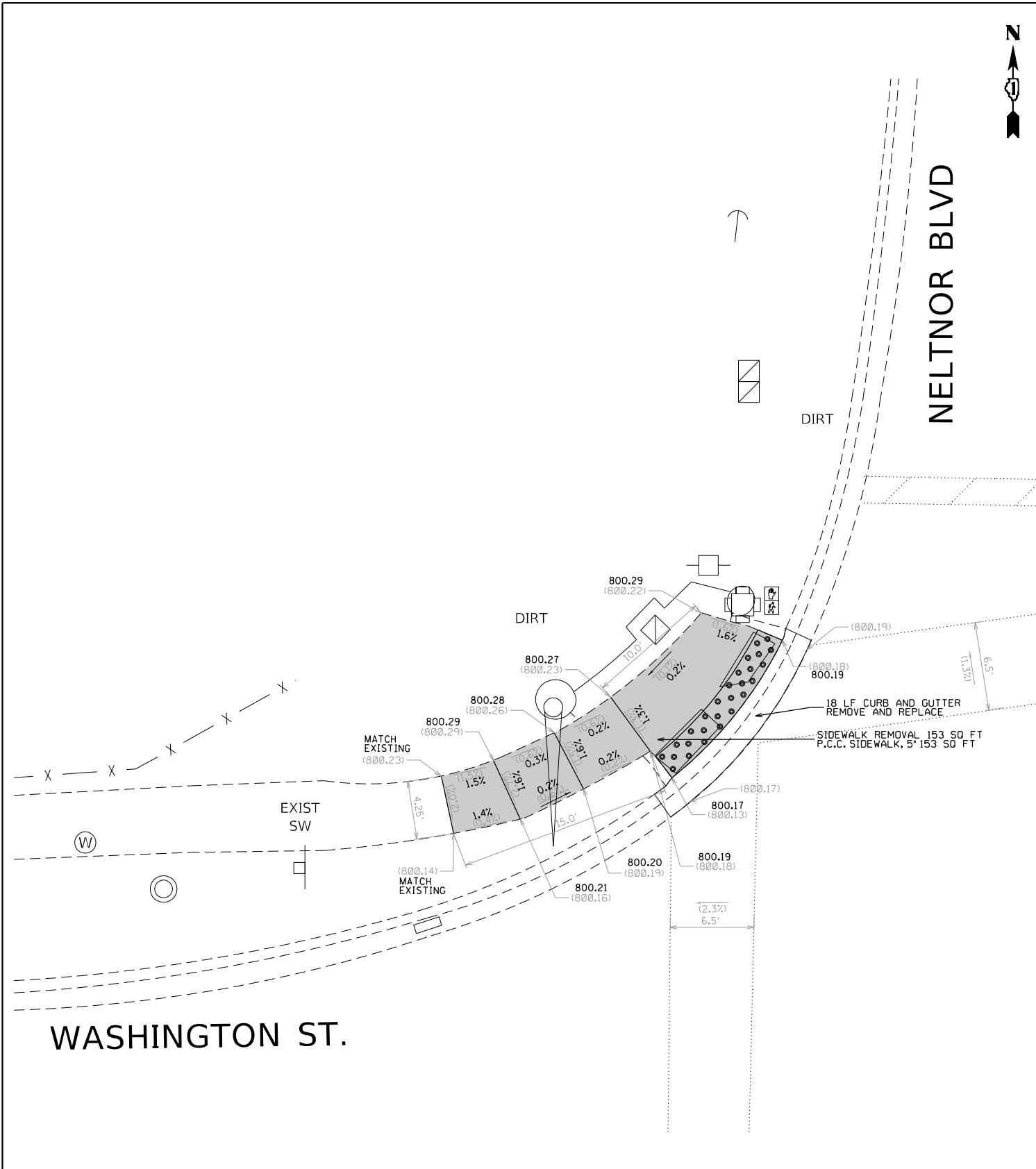
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS (ILL 59 & ARBOR AVE.)
 NW & SW CORNERS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0338	FA9 0338 22 R5	DUPAGE	78	26
CONTRACT NO. 62T10				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCH MARK ELEV 801.26
 BENCHMARK : CUT SQUARE SIDEWALK CCR
 LOCATION : AT THE NORTHEAST CORNER OF ILL 59 & WASHINGTON ST.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCH MARK ELEV 801.26
 BENCHMARK : CUT SQUARE SIDEWALK CCR
 LOCATION : AT THE NORTHEAST CORNER OF ILL 59 & WASHINGTON ST.

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS (ILL 59 & WASHINGTON ST.)
 NE & NW CORNERS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0338	FA9 0338 22 R5	DUPAGE	78	27
CONTRACT NO. 62T10				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

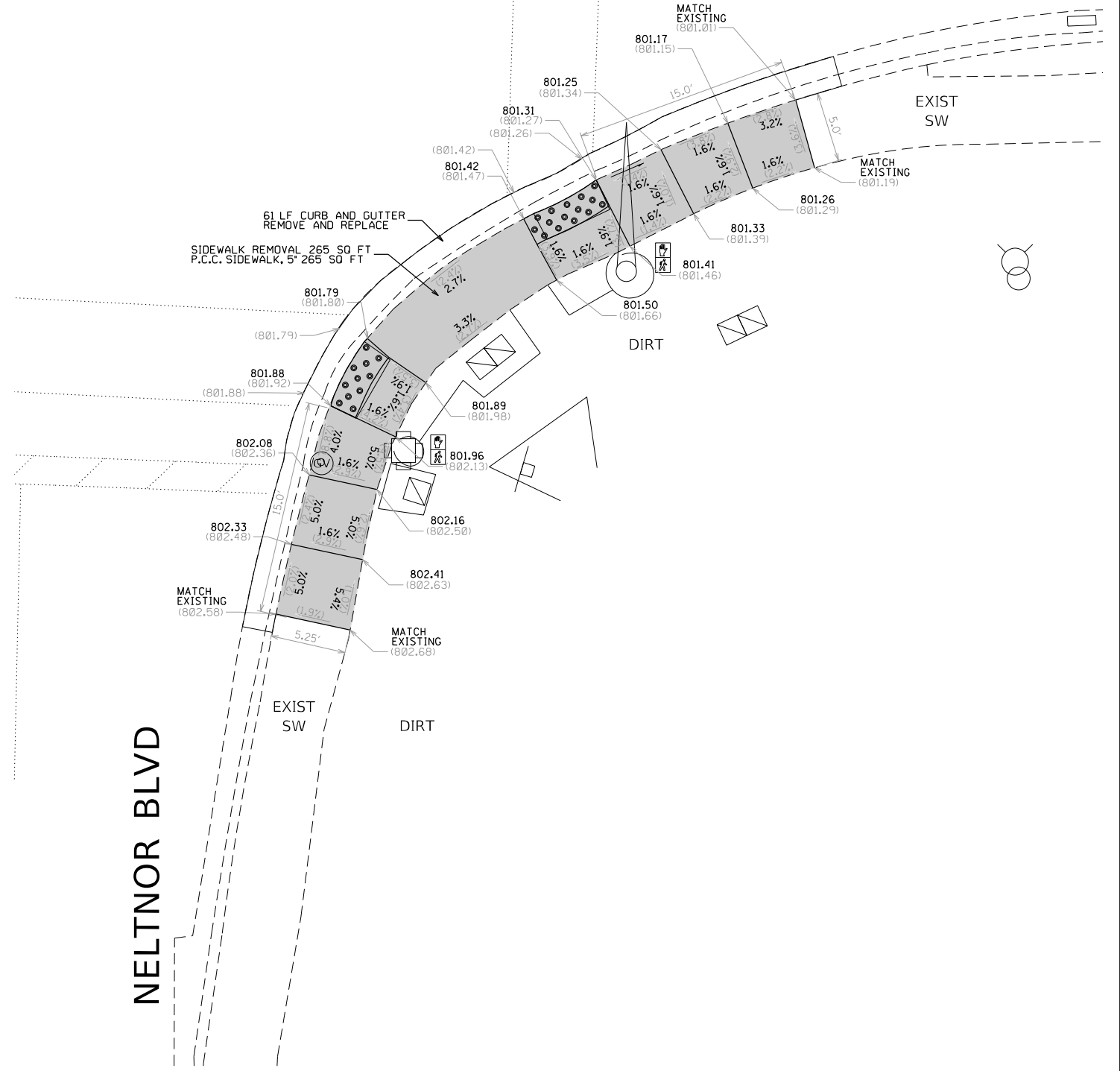
WASHINGTON ST.



NELTNOR BLVD



WASHINGTON ST.



NELTNOR BLVD



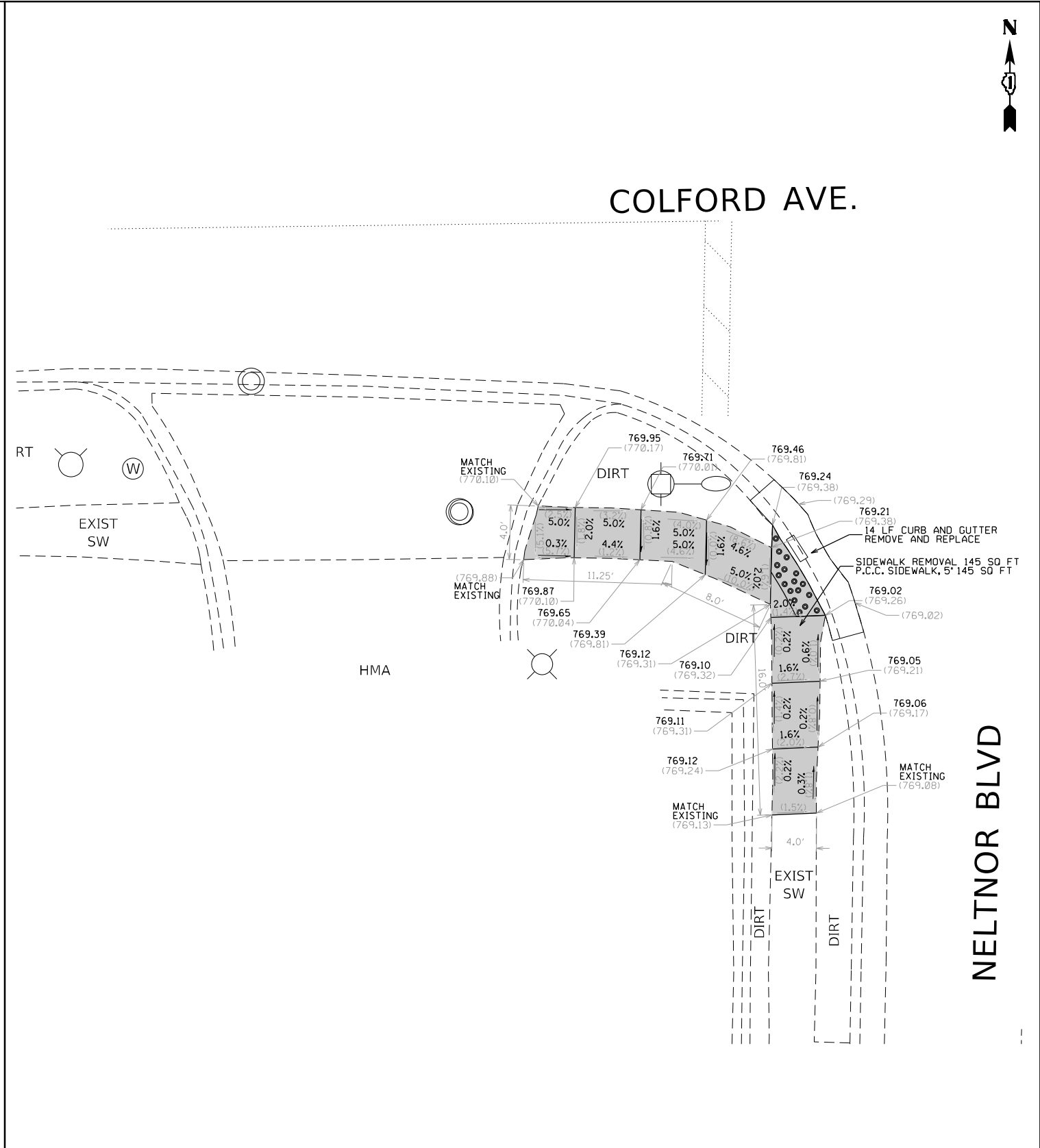
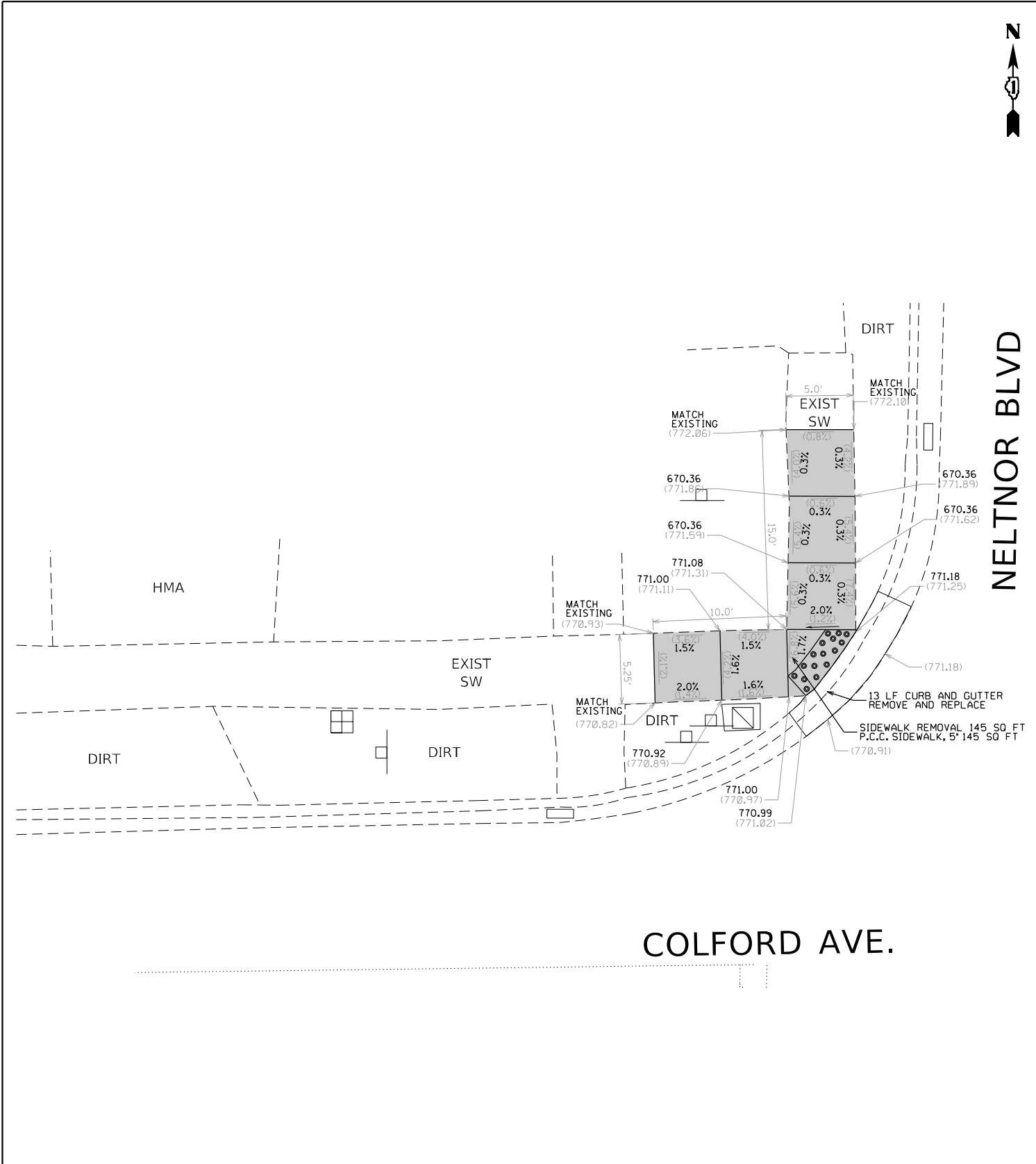
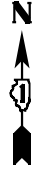
LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCH MARK ELEV 801.26
 BENCHMARK : CUT SQUARE SIDEWALK CCR
 LOCATION : AT THE NORTHEAST CORNER OF ILL 59 & WASHINGTON ST.

REFERENCE BENCH MARK ELEV 801.26
 BENCHMARK : CUT SQUARE SIDEWALK CCR
 LOCATION : AT THE NORTHEAST CORNER OF ILL 59 & WASHINGTON ST.

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				SCALE:	SHEET OF SHEETS	STA. TO STA.		ILLINOIS FED. AID PROJECT		



REFERENCE BENCH MARK ELEV 772.13
 BENCHMARK : SW BOLT ON FIRE HYDRANT
 LOCATION : AT THE SOUTHWEST CORNER OF ILL 59 AT COLFORD AVE.

REFERENCE BENCH MARK ELEV 772.13
 BENCHMARK : SW BOLT ON FIRE HYDRANT
 LOCATION : AT THE SOUTHWEST CORNER OF ILL 59 AT COLFORD AVE.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS (ILL 59 & COLFORD AVE.)
 NW & SW CORNERS**

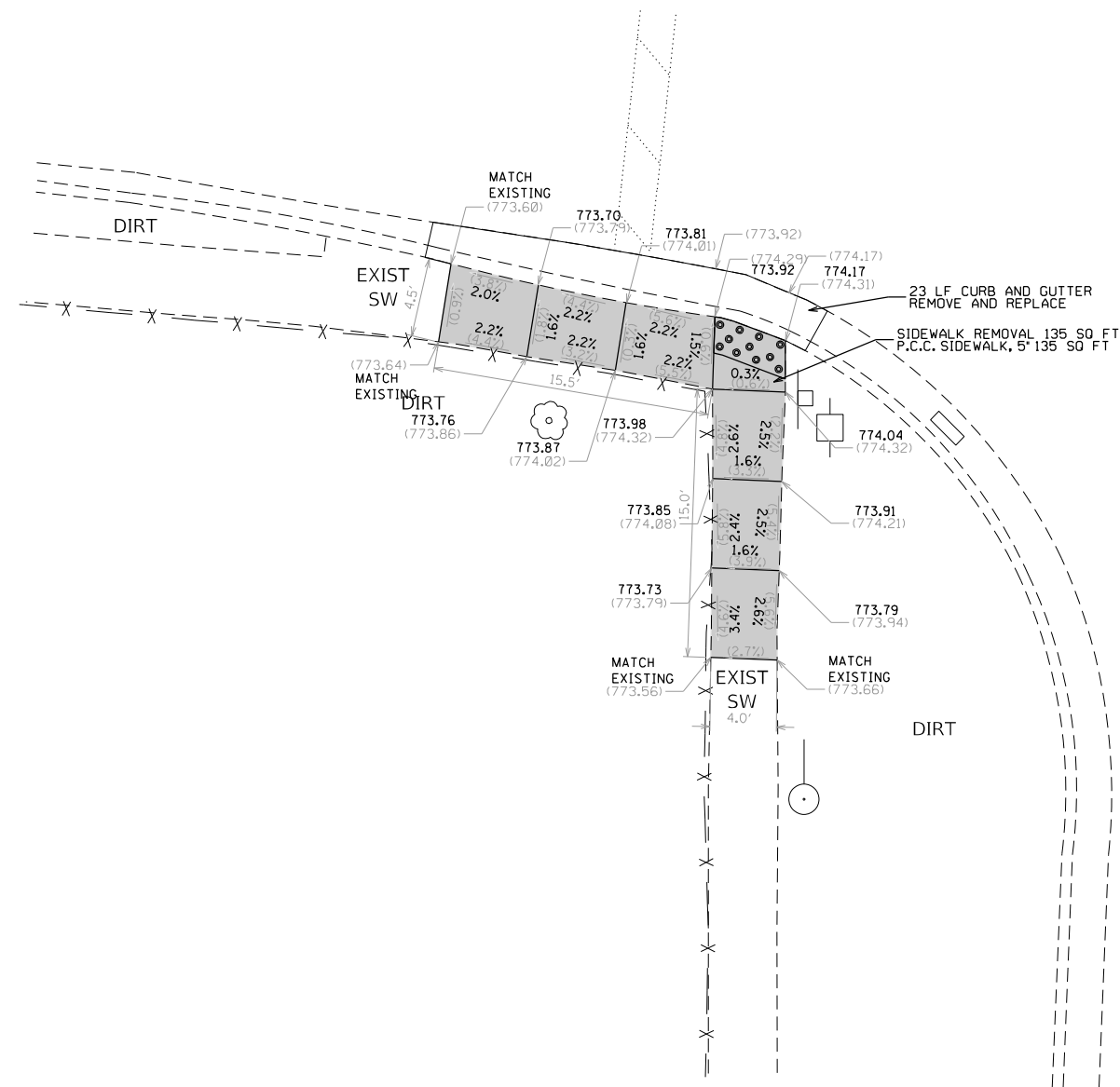
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0338	FA9 0338 22 RS	DUPAGE	78	29
CONTRACT NO. 62T10				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



CONDE ST.

NELTNOR BLVD.



REFERENCE BENCH MARK ELEV 773.13

BENCHMARK : NORTHEAST BOLT ON FIRE HYDRANT

LOCATION : AT THE NORTHWEST CORNER OF ILL 59 AT CONDE ST.

LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

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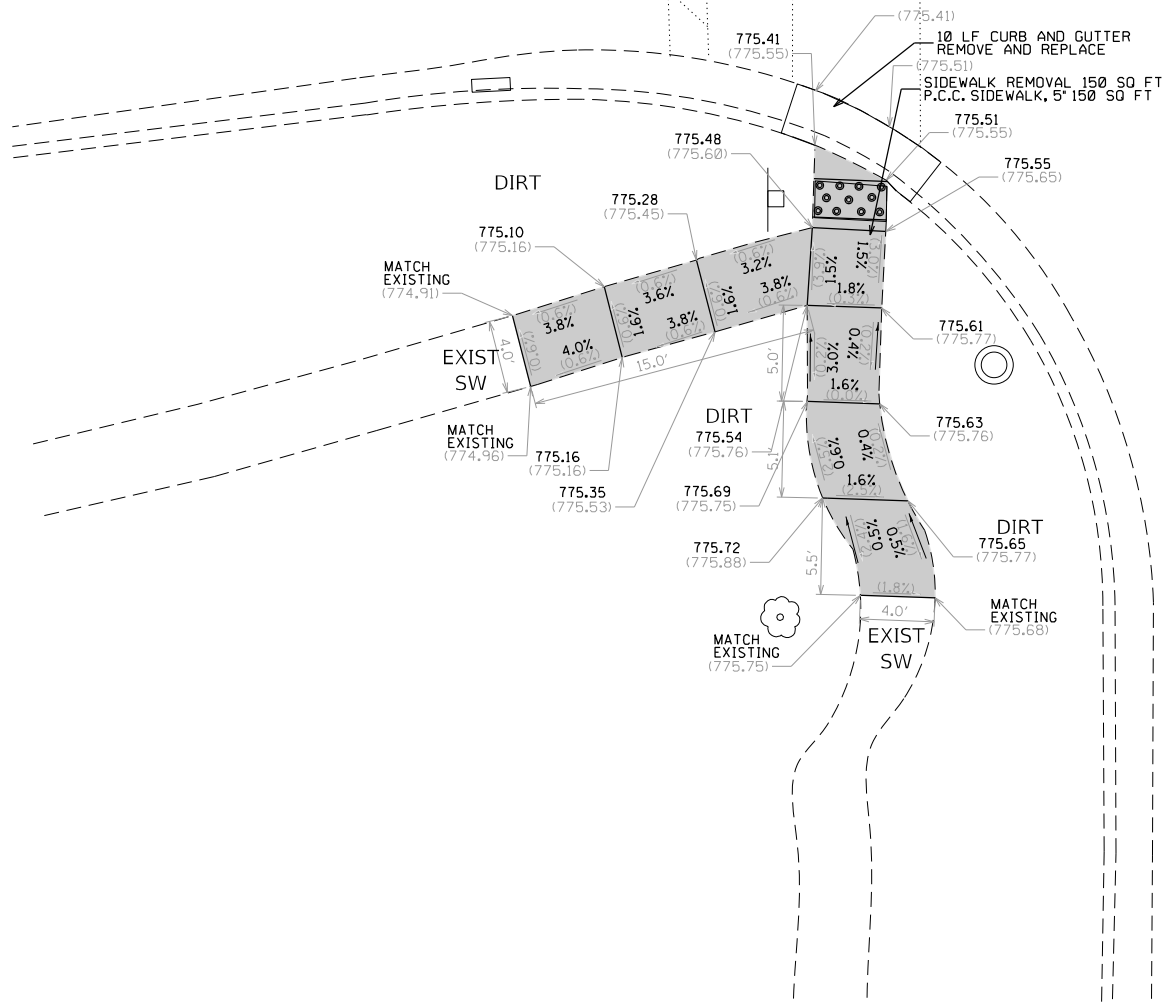
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS (ILL 59 & CONDE ST.)
SW CORNER**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0338	FA9 0338 22 R5	DUPAGE	78	30
CONTRACT NO. 62T10				
ILLINOIS FED. AID PROJECT				

BLAIR ST.



NELTNOR BLVD.

REFERENCE BENCH MARK ELEV 769.97
 BENCHMARK : X-CUT AT TOP OF CURB
 LOCATION : AT THE SOUTHWEST CORNER OF ILL 59 AT BLAIR ST.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS (ILL 59 & BLAIR ST.)
 SW CORNERS**

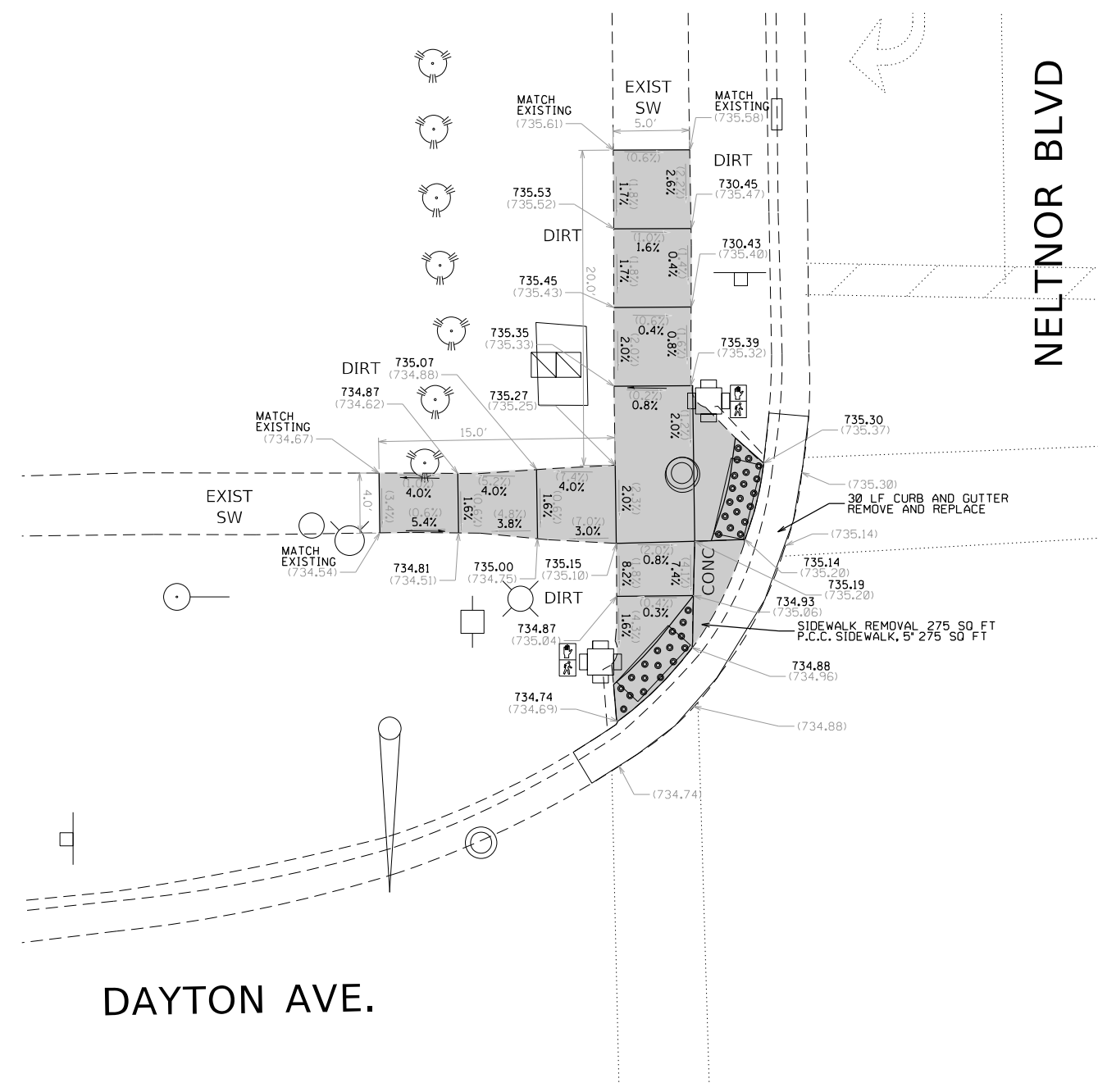
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62T10				
ILLINOIS FED. AID PROJECT				

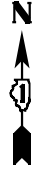


DAYTON AVE.

NELTNOR BLVD

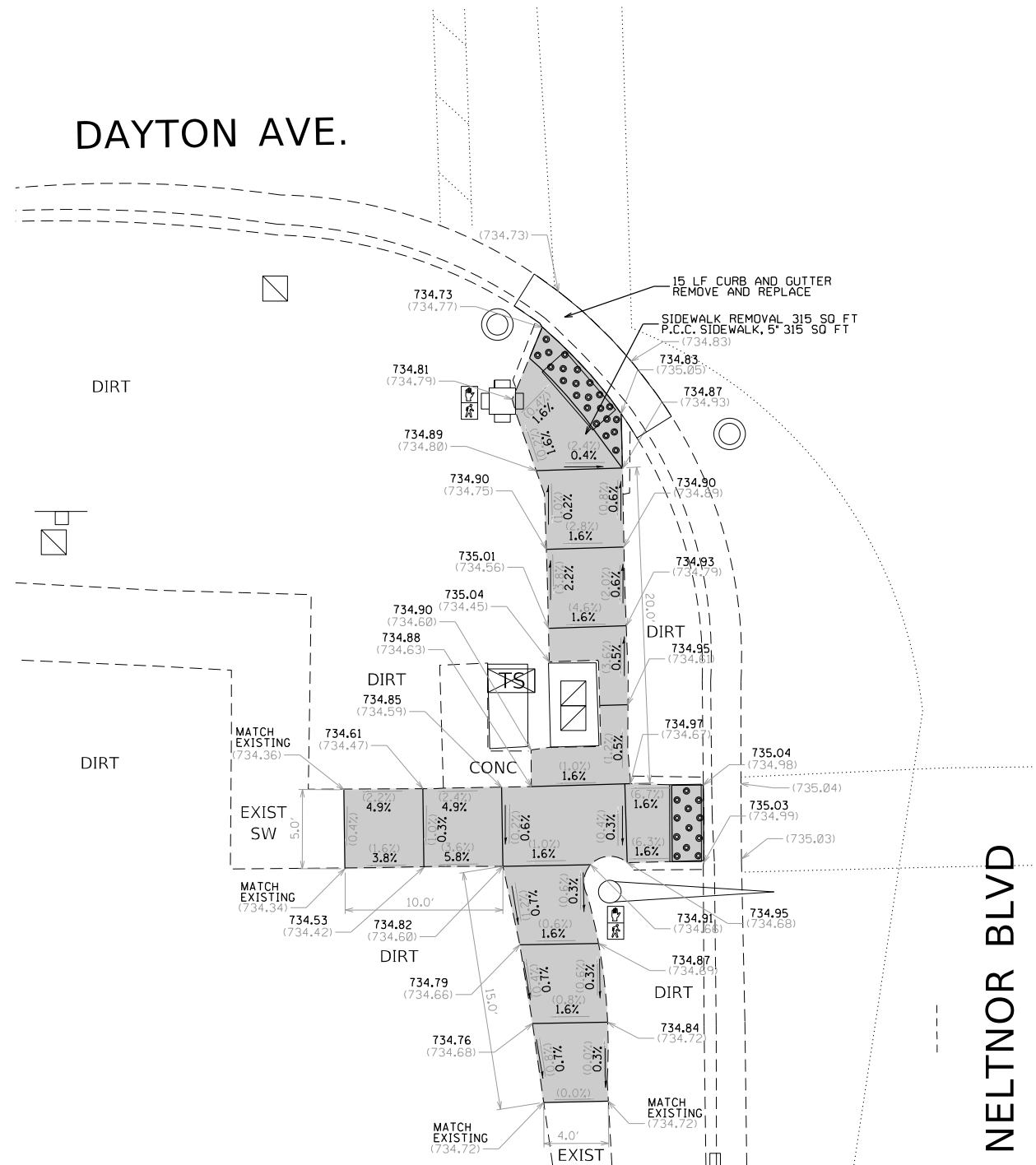


DAYTON AVE.



DAYTON AVE.

NELTNOR BLVD



REFERENCE BENCH MARK ELEV 735.18
 BENCHMARK : CUT SQUARE AT TCB
 LOCATION : AT THE SOUTHEAST CORNER OF ILL 59 & DAYTON AVE.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- XXXX SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCH MARK ELEV 735.18
 BENCHMARK : CUT SQUARE AT TCB
 LOCATION : AT THE SOUTHEAST CORNER OF ILL 59 & DAYTON AVE.

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	PLOT DATE = 8/15/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

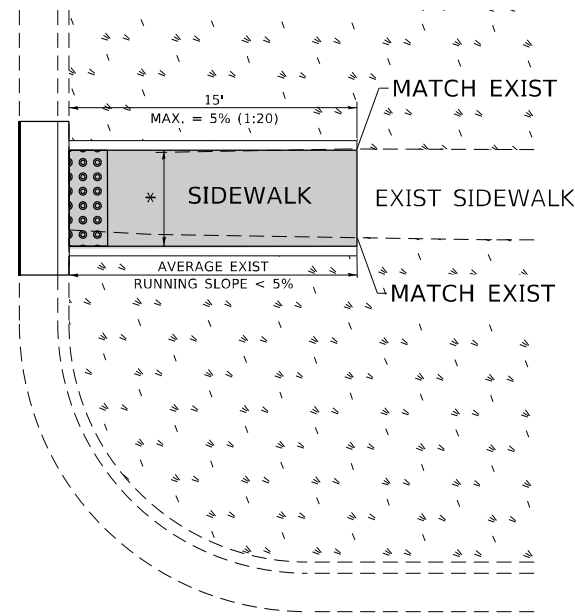
ADA RAMP DETAILS (ILL 59 & DAYTON AVE.)
NW & SW CORNERS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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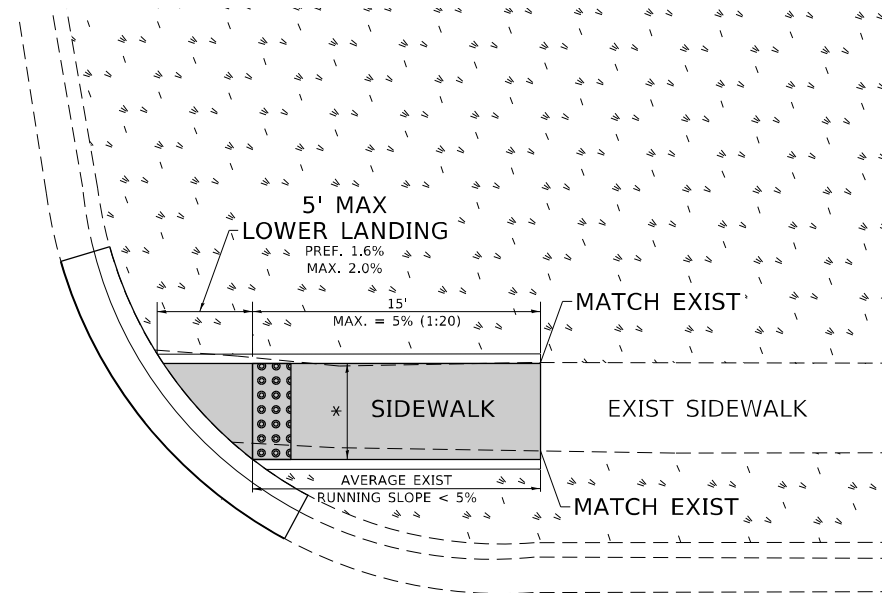
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0338	FA9 0338 22 R5	DUPAGE	78	32
CONTRACT NO. 62T10				
ILLINOIS FED. AID PROJECT				

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

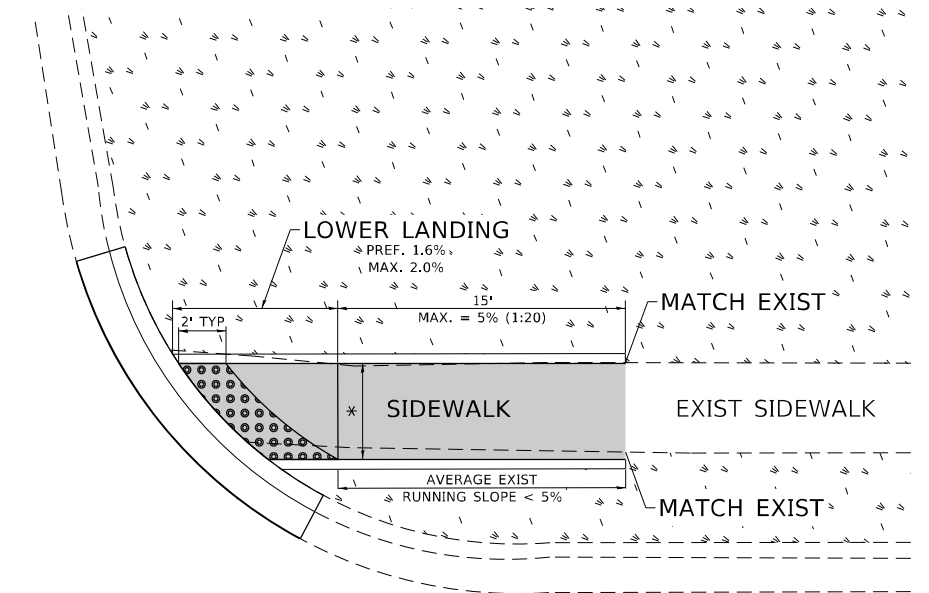
PD-01A



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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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

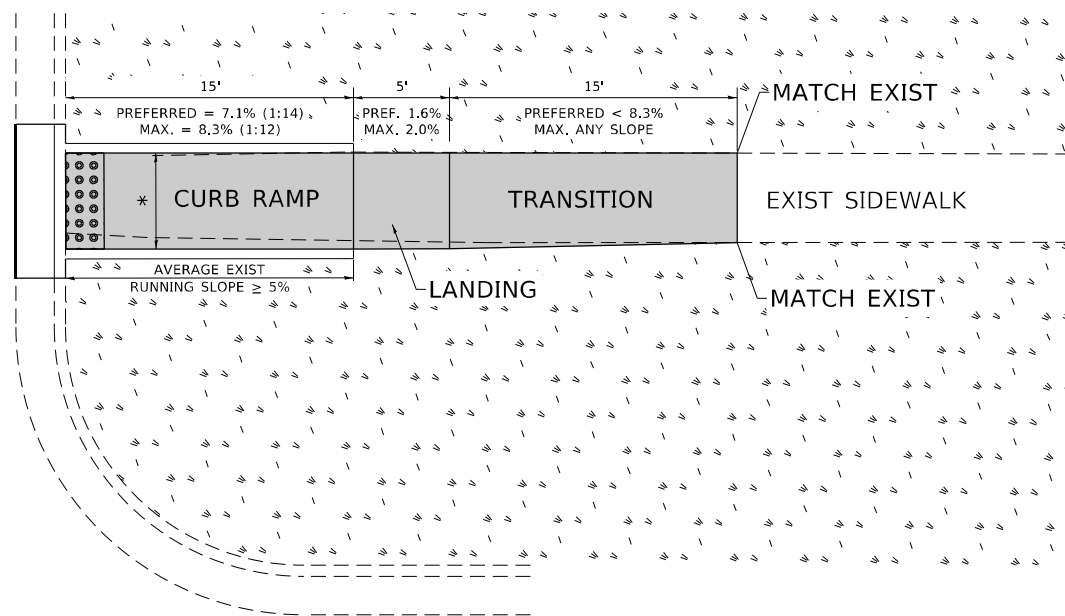
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(PD-01)**

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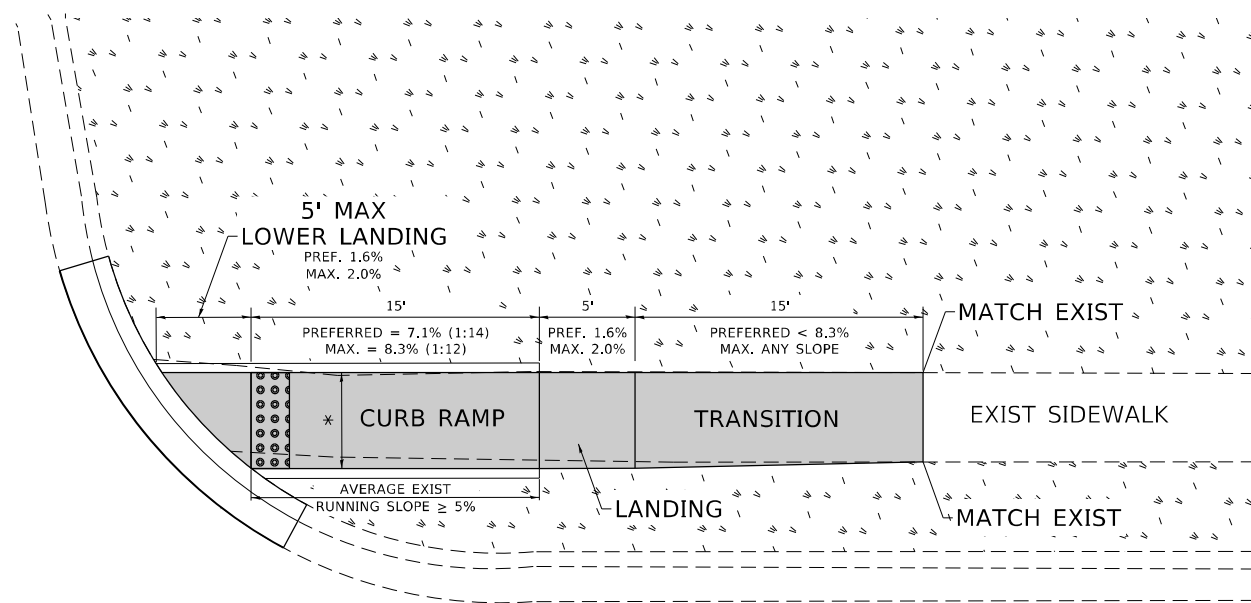
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PD-01			CONTRACT NO. 62T10	
ILLINOIS FED. AID PROJECT				

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

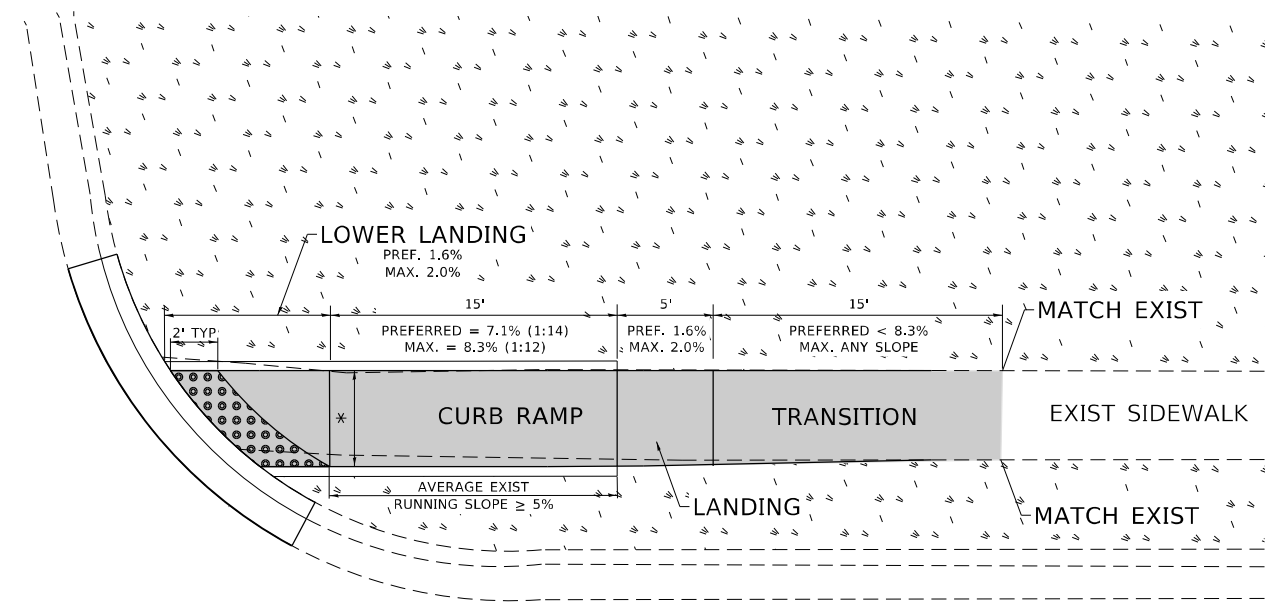
PD-02A



PD-02B



PD-02C



LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB

CONSTRUCTION NOTES:

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

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DRAWN - R. LEDEZMA	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/15/2024	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

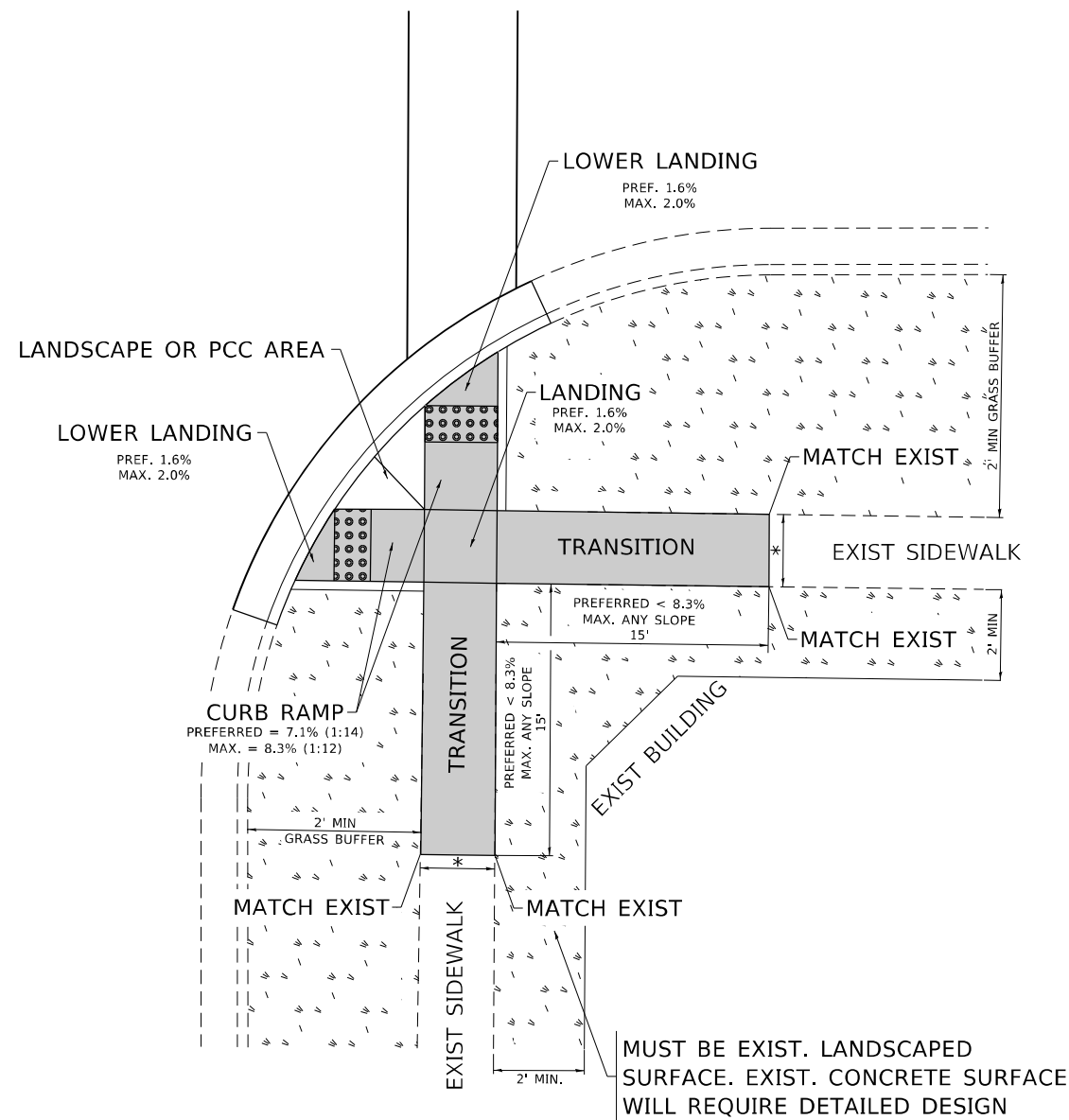
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-02)**

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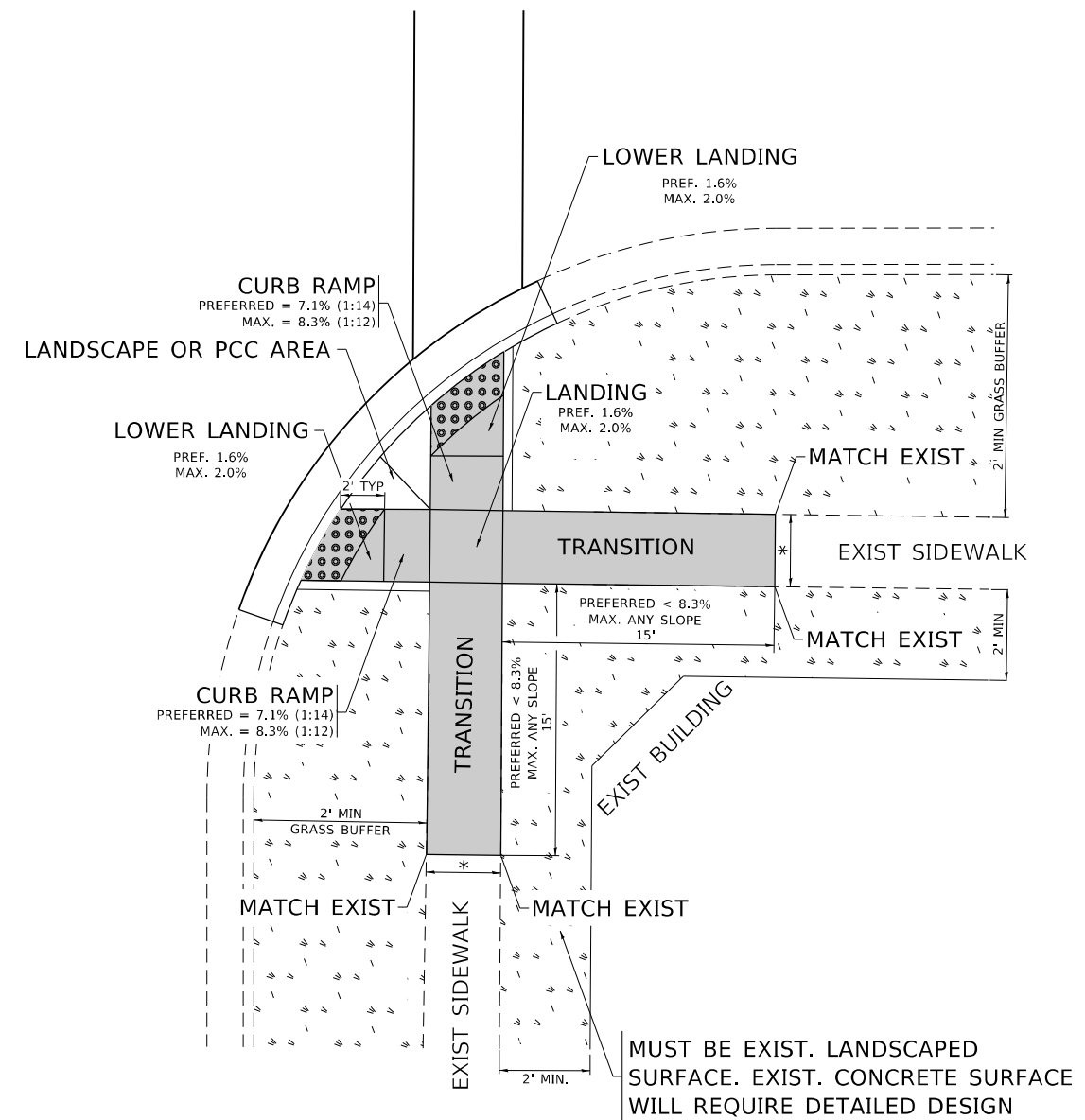
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338	FAP 338 22 RS	DUPAGE	78	34
PD-02			CONTRACT NO. 62T10	
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

PD-03A



PD-03B



LEGEND

-  EXIST. GRASS
-  PROPOSED SIDEWALK
-  DETECTABLE WARNINGS
-  PROPOSED SIDE CURB

CONSTRUCTION NOTES:

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

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PLOT DATE = 8/15/2024	DATE - 10/02/2019	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

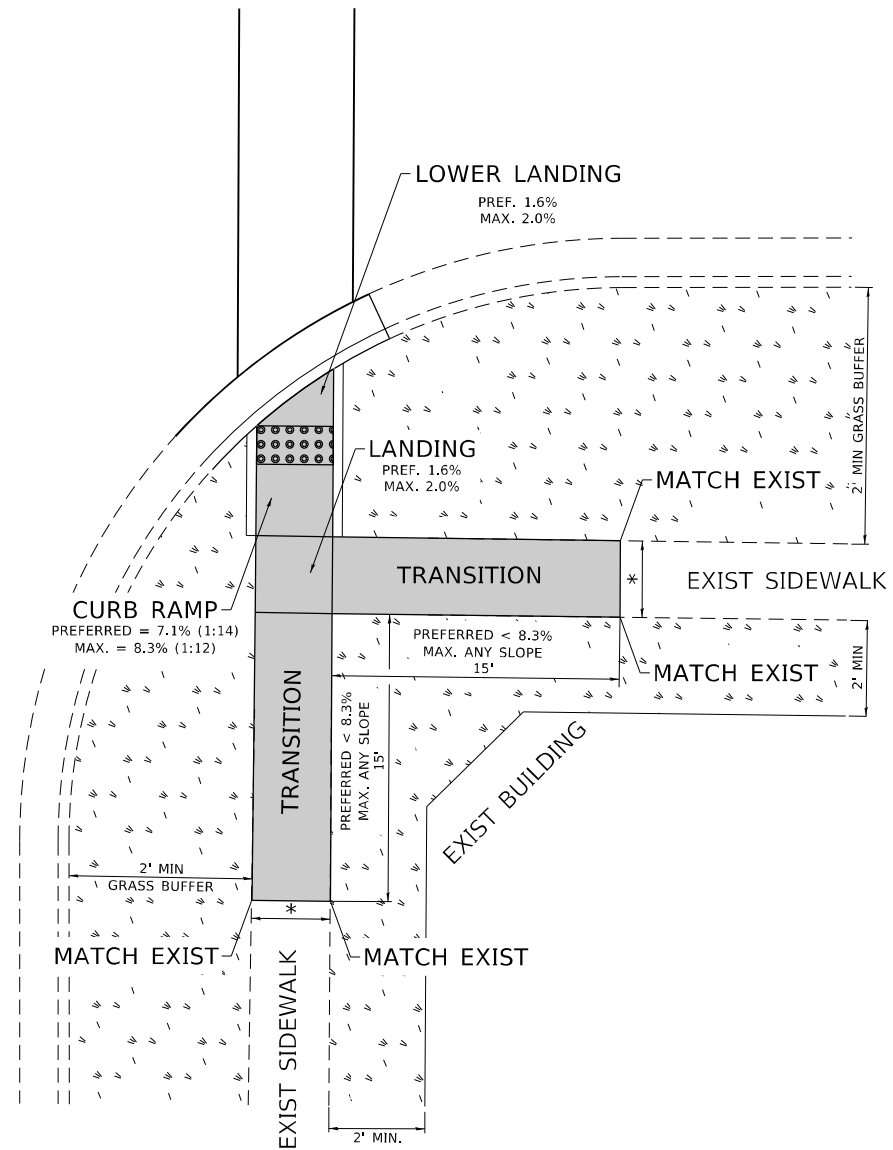
**PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS
(PD-03)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

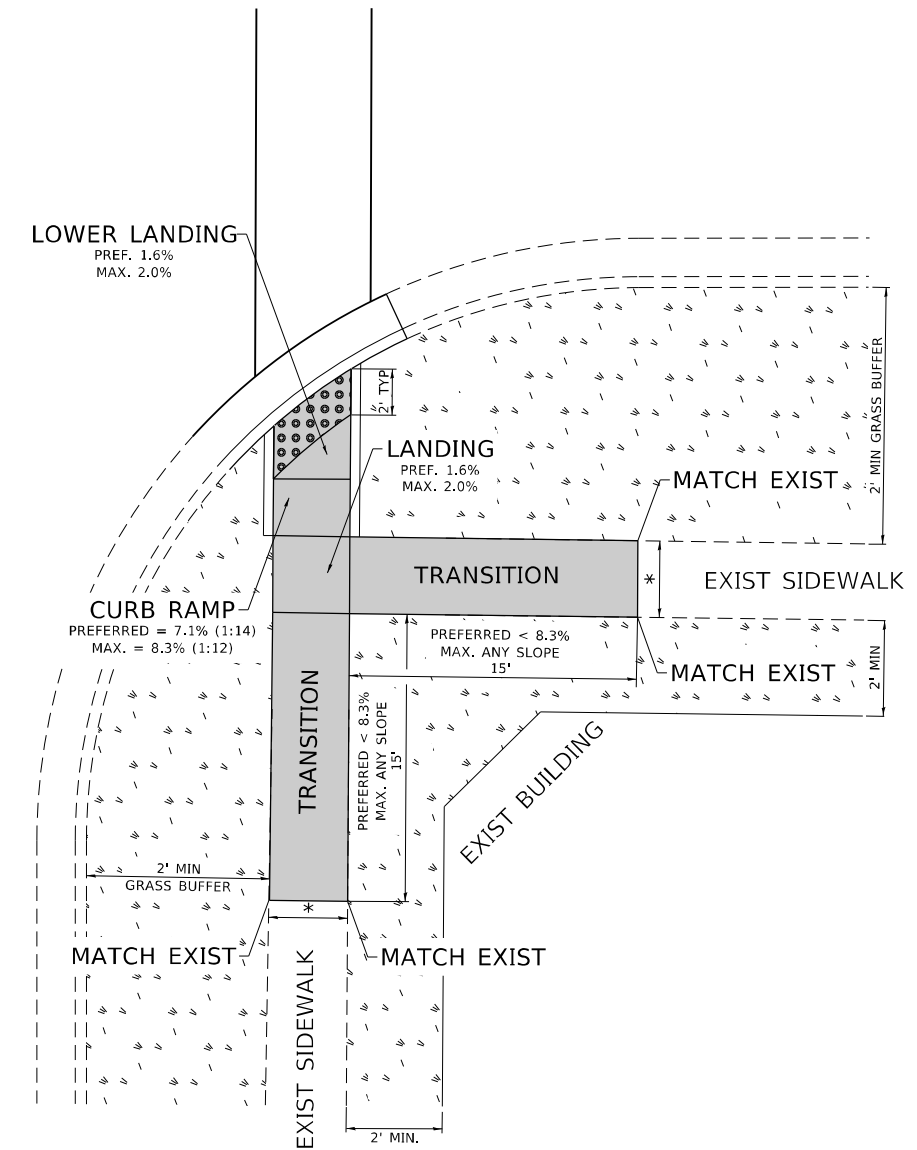
F.A.P. RTE. 338	SECTION FAP 338 22 RS	COUNTY DUPAGE	TOTAL SHEETS 78	SHEET NO. 35
PD-03		CONTRACT NO. 62T10		
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD-04A



PD-04B



LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB

CONSTRUCTION NOTES:

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

MODEL: Default
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USER NAME = yaseenureshil	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/15/2024	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

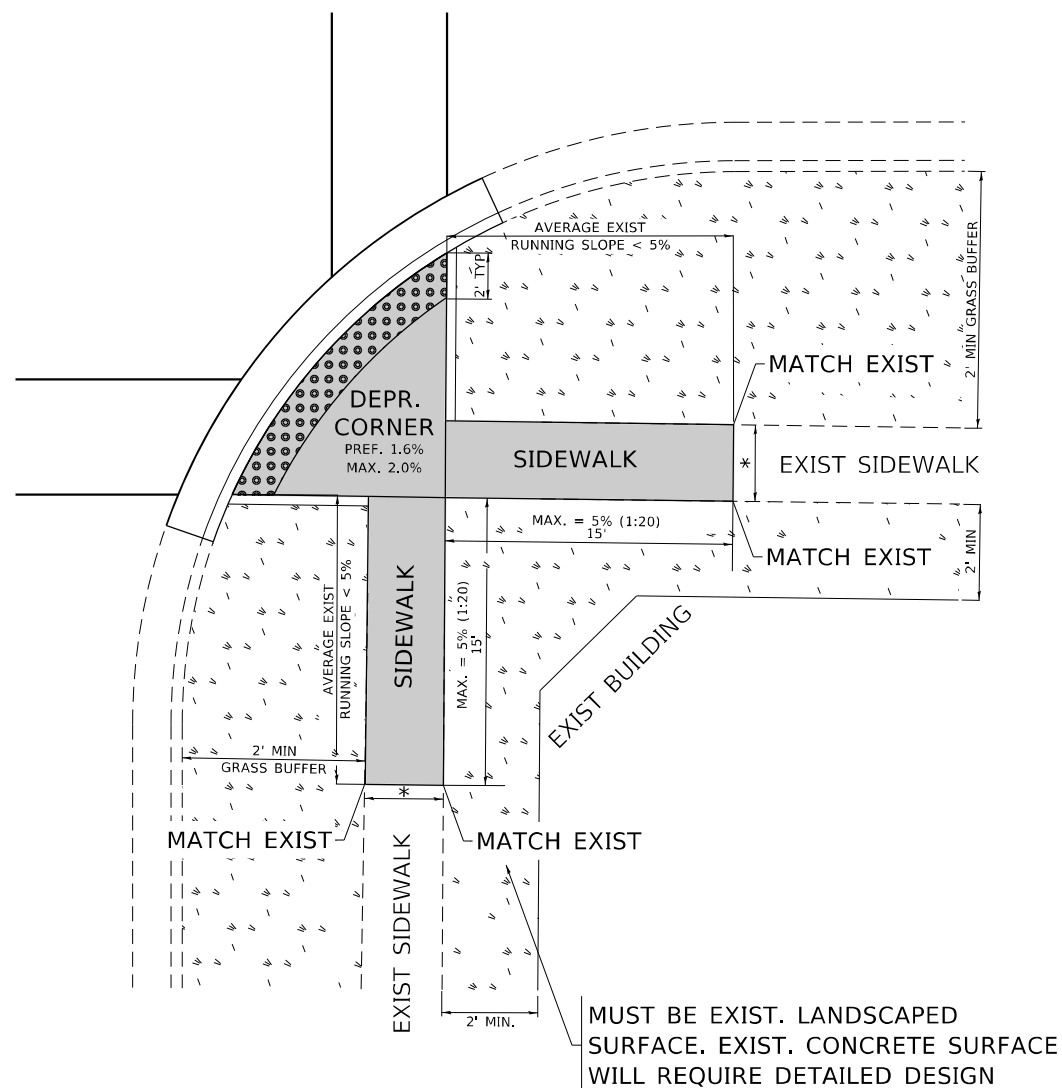
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS WITH
TURNING SPACE (PD-04)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

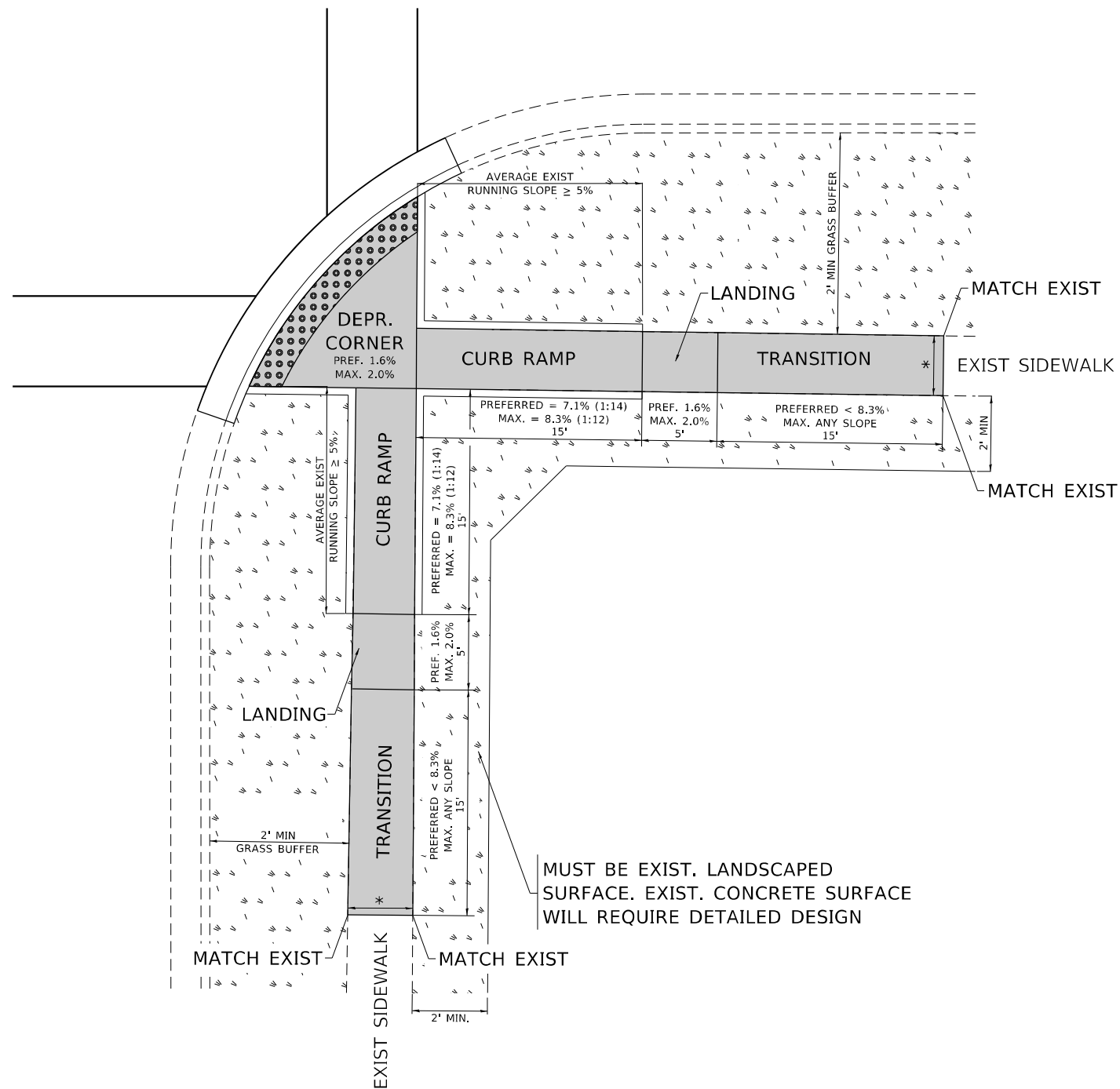
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 338 22 RS	DUPAGE	78	36
PD-04		CONTRACT NO. 62T10		
ILLINOIS FED. AID PROJECT				

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

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USER NAME = yaseen.ureshi	DESIGNED -	REVISED -
DRAWN - R. LEDEZMA	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISIONS -
PLOT DATE = 8/15/2024	DATE - 10/02/2019	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

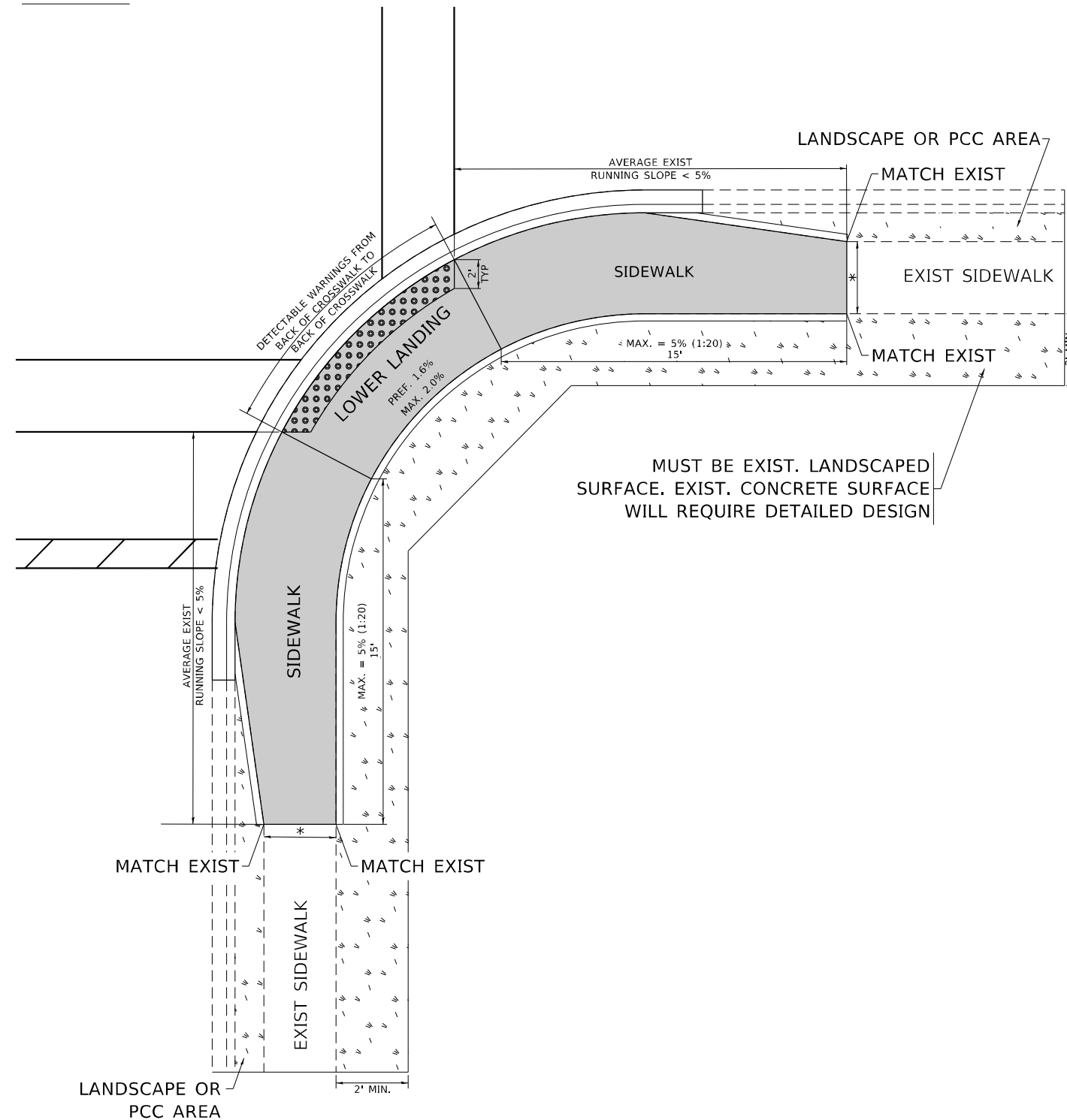
**PROJECT DETAIL FOR DEPRESSED CORNER CURB RAMPS
(PD-05)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 338	SECTION FAP 338 22 RS	COUNTY DUPAGE	TOTAL SHEETS 78	SHEET NO. 37
PD-05		CONTRACT NO. 62T10		
ILLINOIS FED. AID PROJECT				

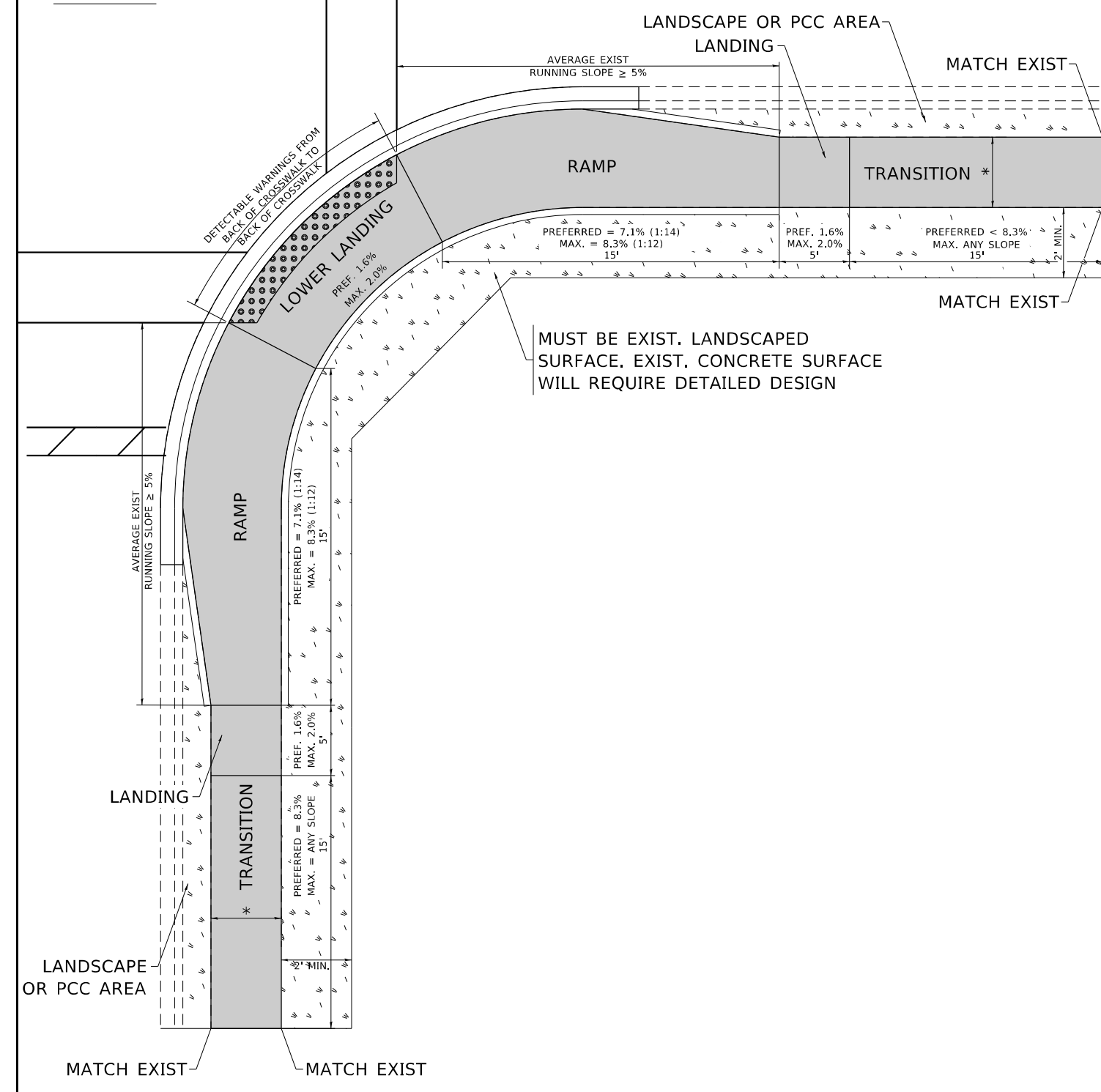
ADA DETAIL FOR PARALLEL CURB RAMPS ADJACENT TO LANDSCAPING

PD-06A



MUST BE EXIST. LANDSCAPED SURFACE. EXIST. CONCRETE SURFACE WILL REQUIRE DETAILED DESIGN

PD-06B



MUST BE EXIST. LANDSCAPED SURFACE. EXIST. CONCRETE SURFACE WILL REQUIRE DETAILED DESIGN

LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB

CONSTRUCTION NOTES:

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

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USER NAME = yaseen.ureshi	DESIGNED -	REVISED -
DRAWN - R. LEDEZMA	REVISOR -	REVISOR -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISOR -
PLOT DATE = 8/15/2024	DATE - 10/02/2019	REVISOR -

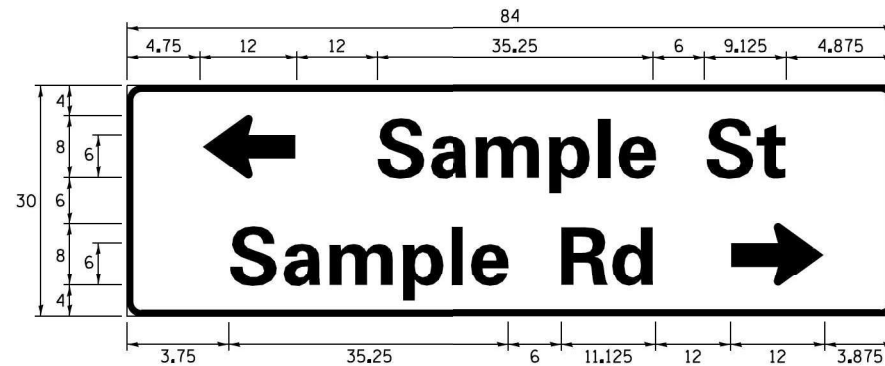
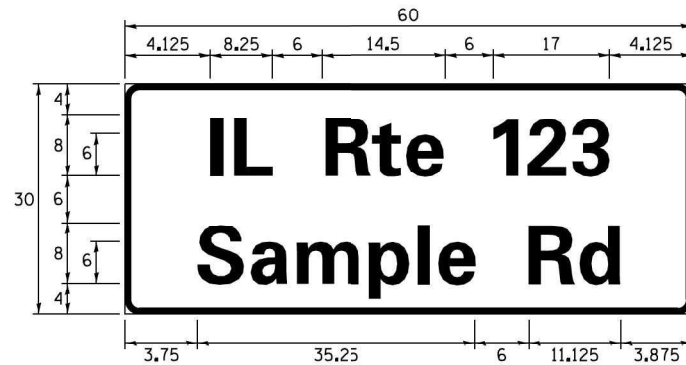
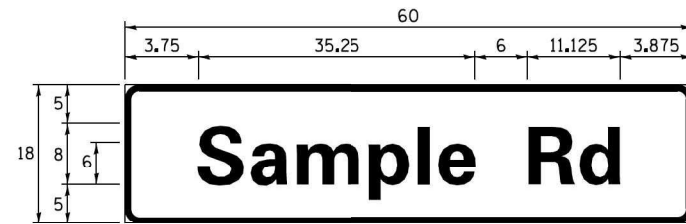
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROJECT DETAIL FOR PARALLEL CURB RAMPS
(PD-06)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 338	SECTION FAP 338 22 RS	COUNTY DUPAGE	TOTAL SHEETS 78	SHEET NO. 38
PD-06		CONTRACT NO. 62T10		
ILLINOIS FED. AID PROJECT				

SIGN PANEL – TYPE 1 OR TYPE 2



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

ALL DIMENSIONS ARE IN INCHES EXCEPT NOTED OTHERWISE

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

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

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS SHALL BE 3/4" WIDE. CORNER RADIUS SHALL BE 1-7/8". THE SPACING BETWEEN THE WORDS SHOULD BE 6", IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

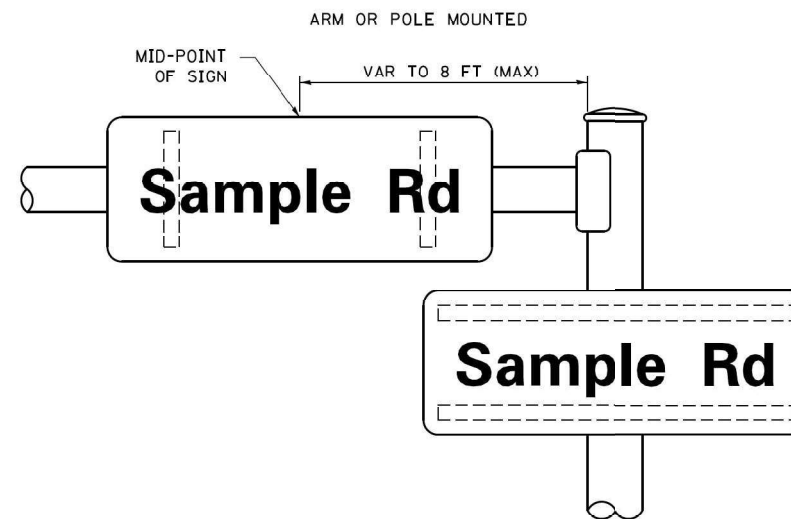
- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA
- WESTERN REMAC, INC.
WOODRIDGE, IL

PARTS LISTING:

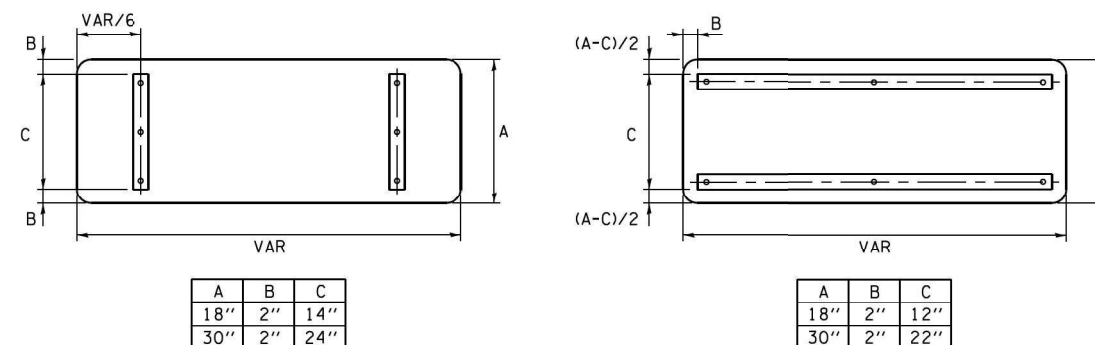
- SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
1/4" x 14 x 1" H.W.H. #3
SELF TAPPING WITH NEOPRENE WASHER
- SIGN SCREWS PART #HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING
- BRACKETS

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

MOUNTING LOCATION



SUPPORTING CHANNELS



STANDARD ALPHABETS SPACING CHART

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

CHARACTER	FHWA SERIES "C"			FHWA SERIES "D"			
	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.082	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.352	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.352	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
o	0.720	4.722	0.720	o	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

TS SHT NO. 01

FILE NAME =	USER NAME = drivekosgn	DESIGNED - LP/IP	REVISED - LP 07/01/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS	F.A.P. RTE. 338	SECTION FAP 0338 22 RS	COUNTY COOK	TOTAL SHEETS 78	SHEET NO. 39	
Default	Default	CHECKED - IP	REVISED -			SCALE:	SHEET OF SHEETS STA. TO STA.	TS-02		CONTRACT NO. 62T10	
		DATE - 10/01/2014	REVISED -					ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

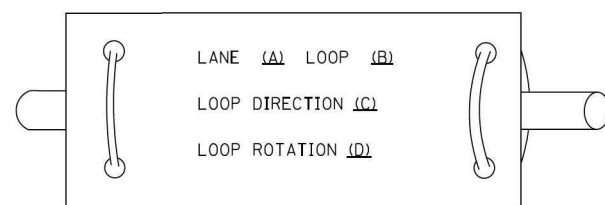
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE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

TS SHT NO. 02

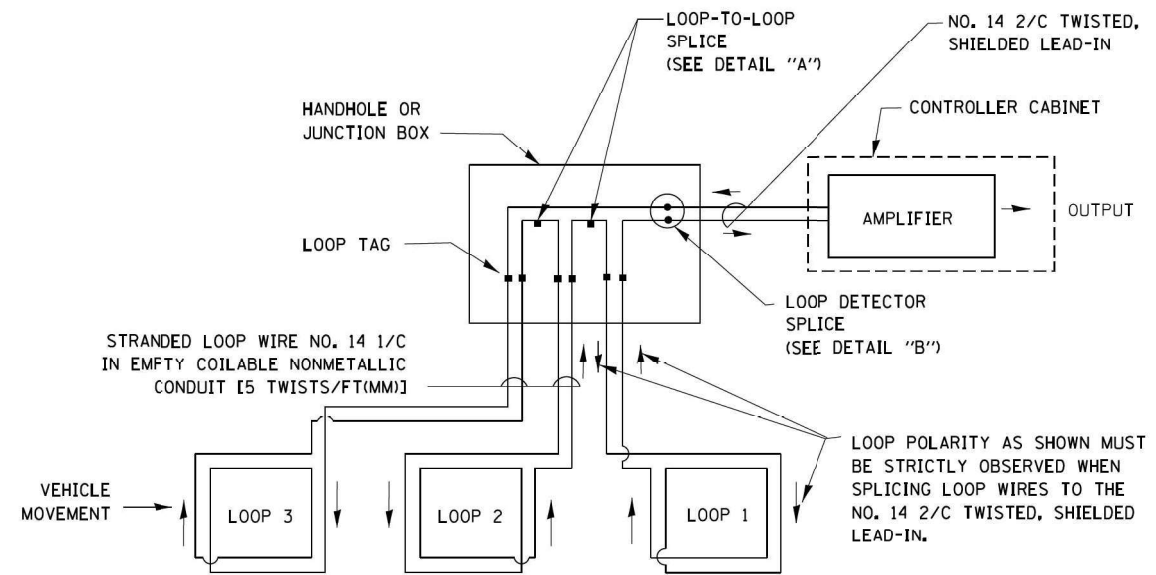
LOOP DETECTOR NOTES

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

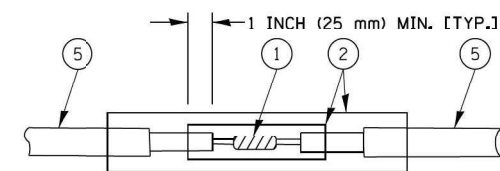


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

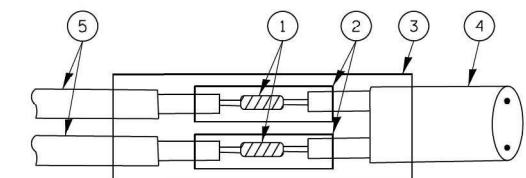


DETECTOR LOOP WIRING SCHEMATIC

- 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.

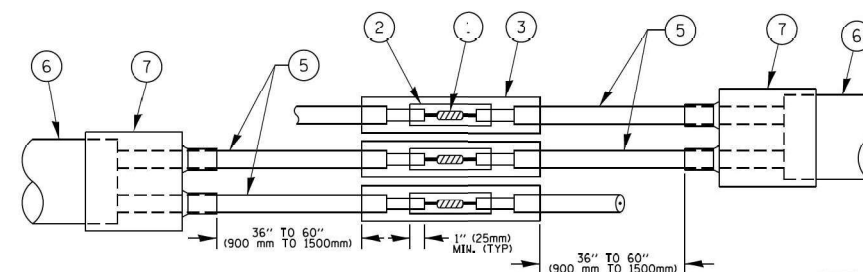


DETAIL "A"
LOOP-TO-LOOP SPLICE

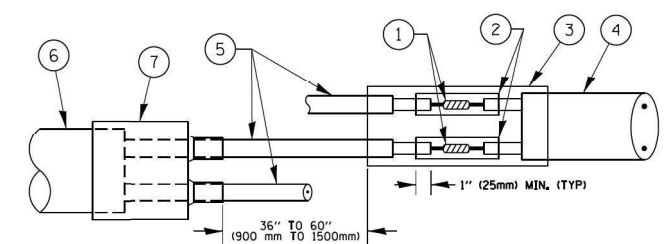


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

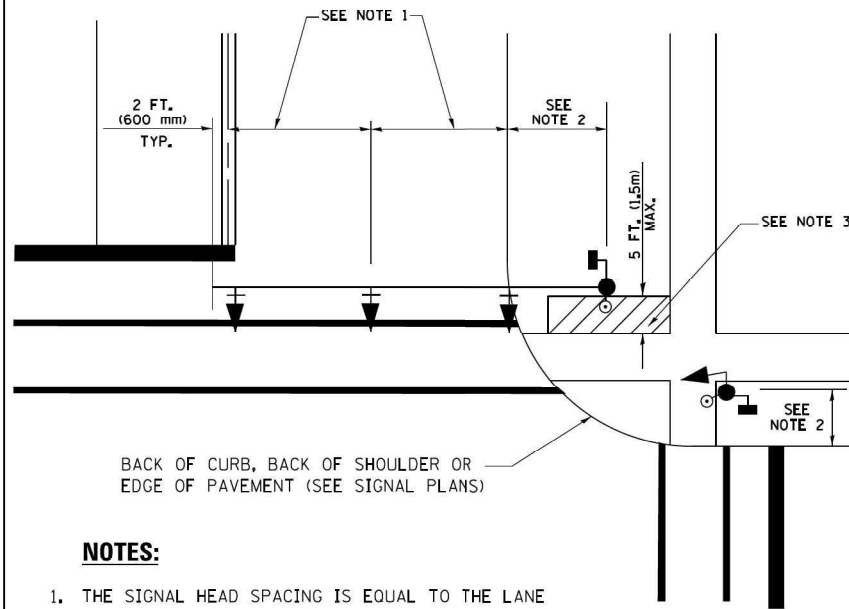
LOOP DETECTOR SPLICE

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

TS SHT NO. 03

FILE NAME =	USER NAME = foatemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.R. RTE. 338	SECTION FAP 0338 22 RS	COUNTY COOK	TOTAL SHEETS 78	SHEET NO. 41	
ca:\pwwork\pwwork\foatemj\d0108315\ts05.dgn	DRAWN - BCK	CHECKED - DAD	REVISED -			SCALE: NONE	SHEET NO. 2 OF 7 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		CONTRACT NO. 62T10
PLOT SCALE = 50.0000' / in.	DATE - 10-28-09	REVISED -	REVISED -								
PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -	REVISED -								

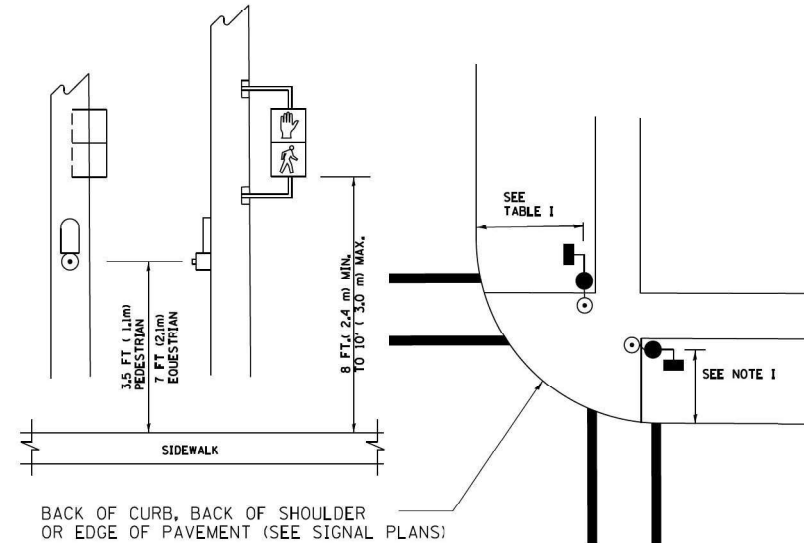
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



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."

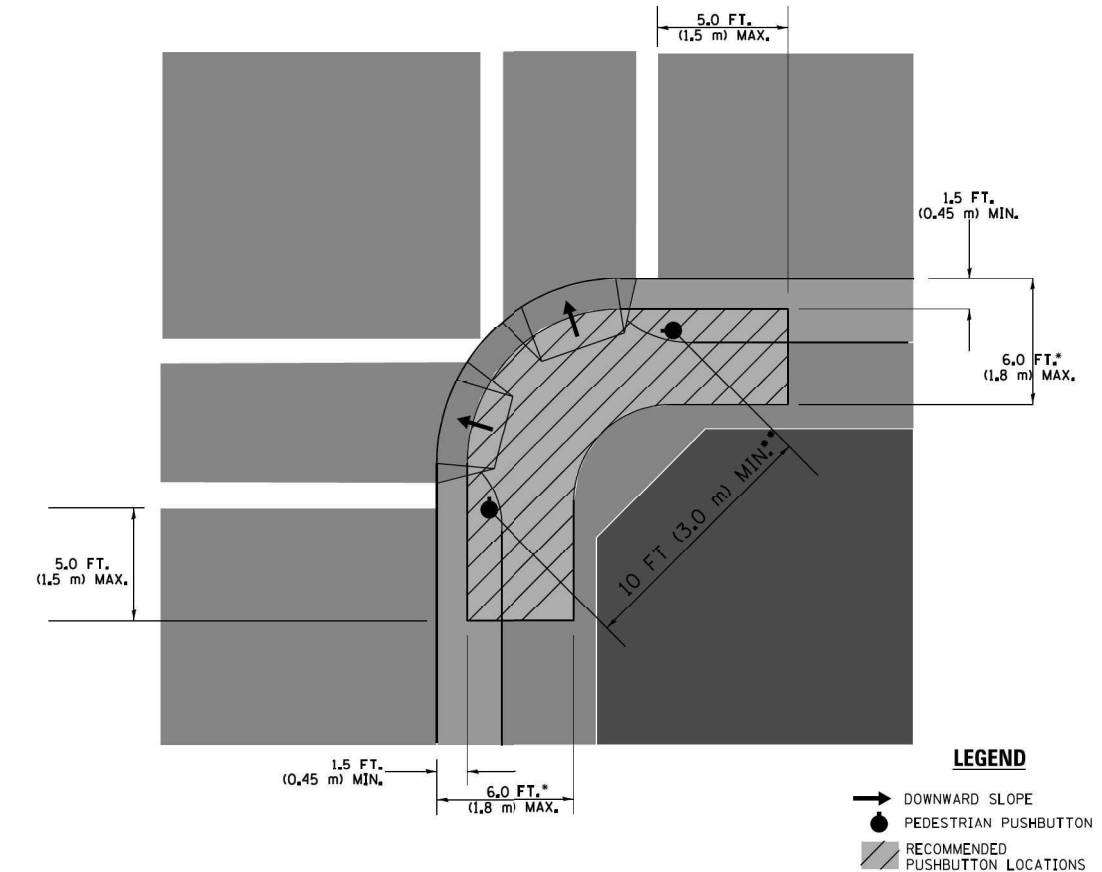
**PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST**



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

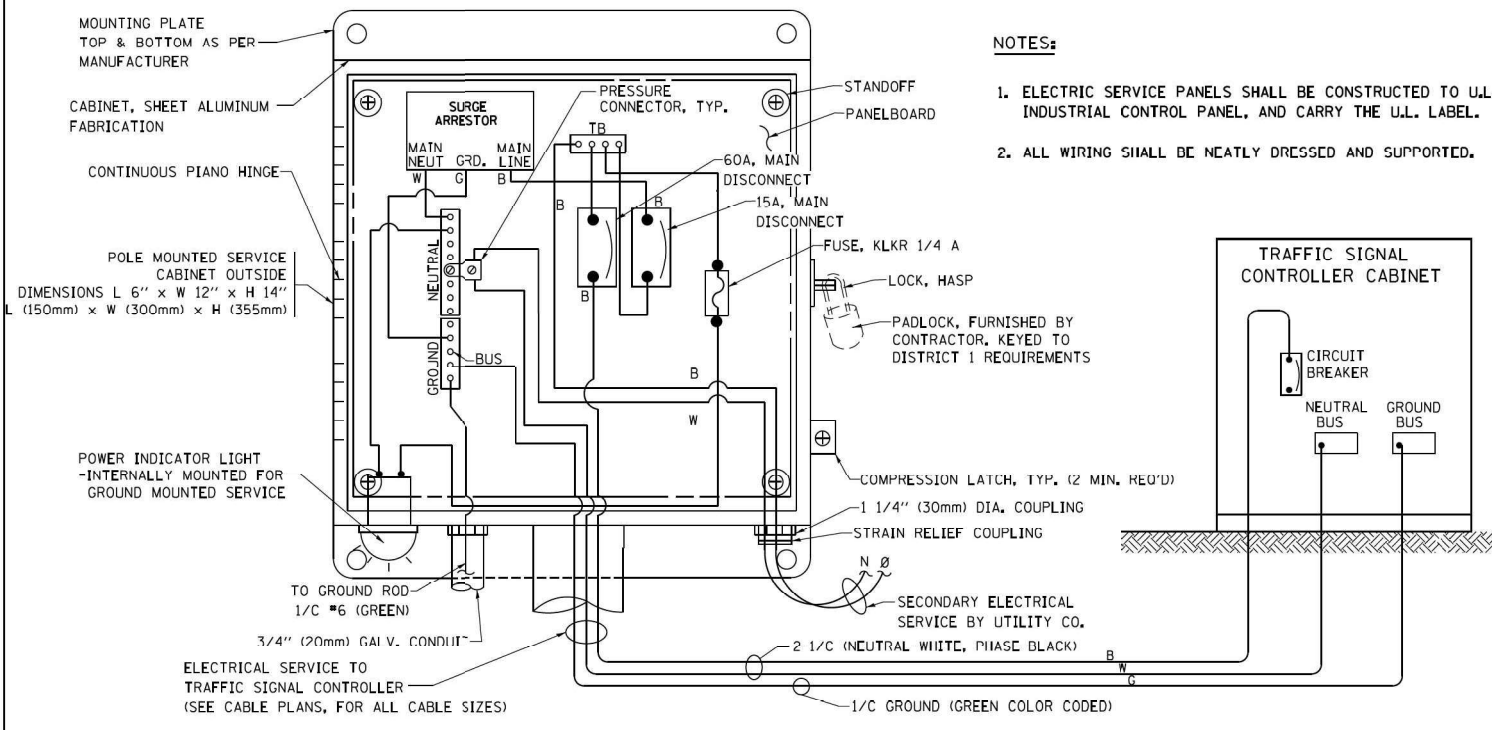
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 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:

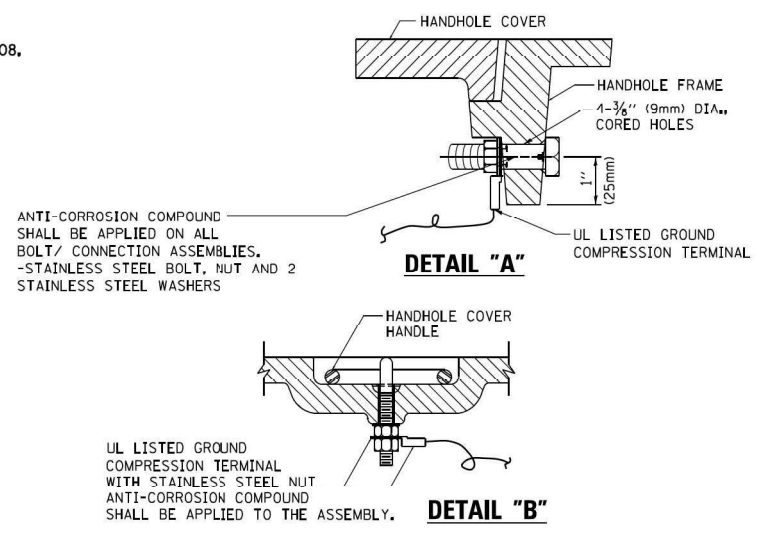
1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM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

TS SHT NO. 04

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwork\pwork\footemj\d0108315\ts05.dgn	DRAWN - BCK	REVISED -	338			FAP 0338 22 RS	COOK	78	42	
PLOT SCALE = 50.0000' / in.	CHECKED - DAD	REVISED -	TS-05			CONTRACT NO. 62T10				
PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -	SCALE: NONE			SHEET NO. 3 OF 7 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

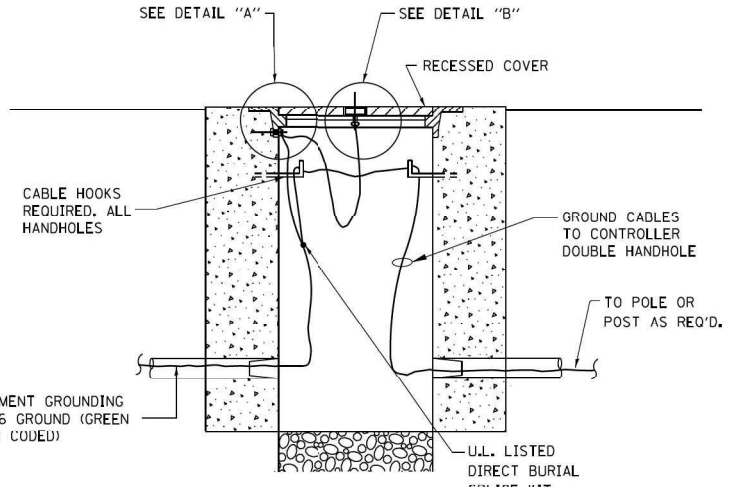


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE) SERVICE INSTALLATION POLE MOUNT (SHOWN) (NOT TO SCALE)

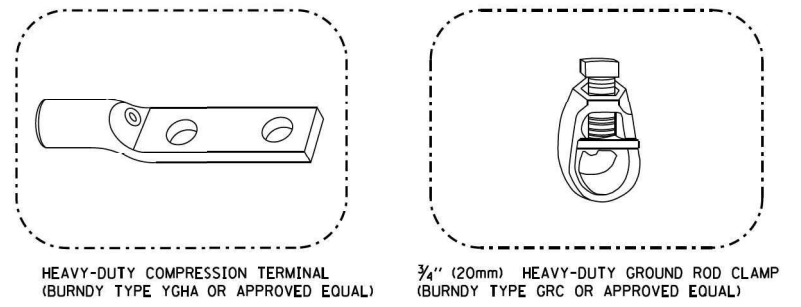


NOTES:
GROUNDING SYSTEM

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.

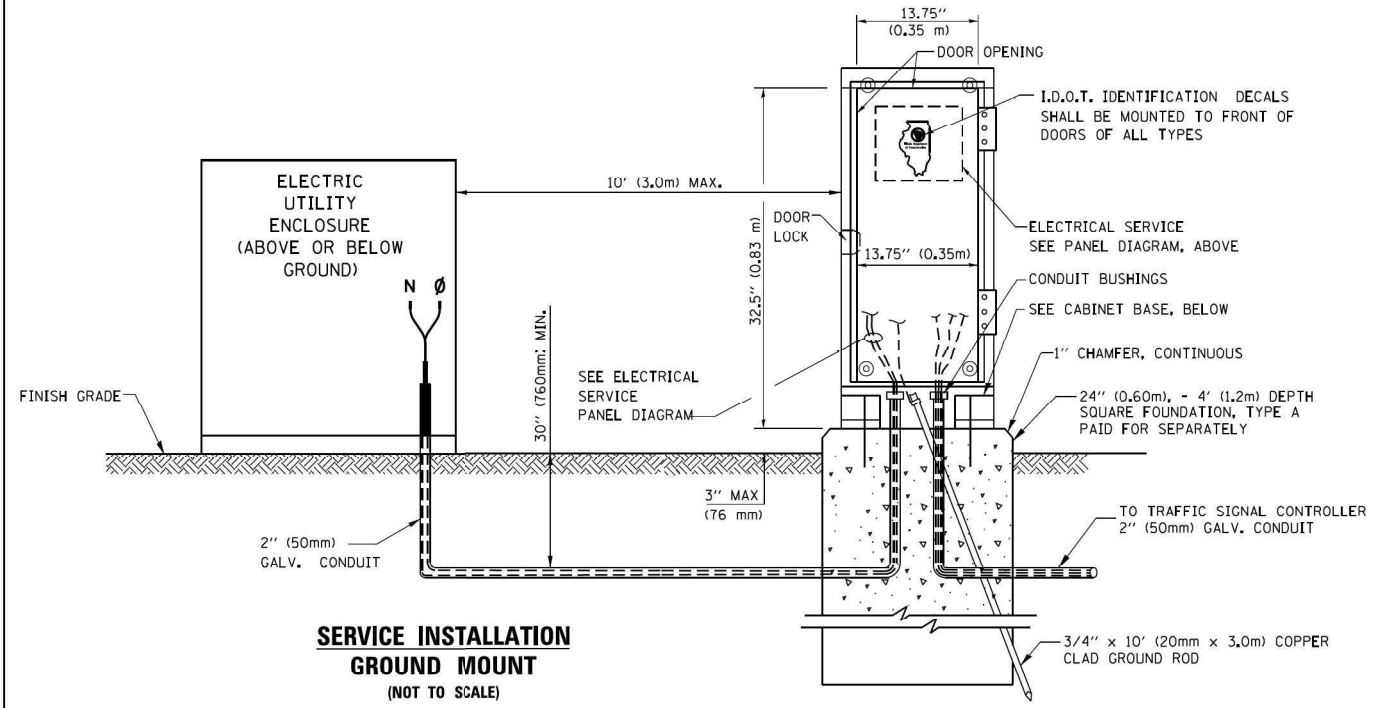


HANDHOLE COVER & FRAME – GROUNDING DETAIL (NOT TO SCALE)

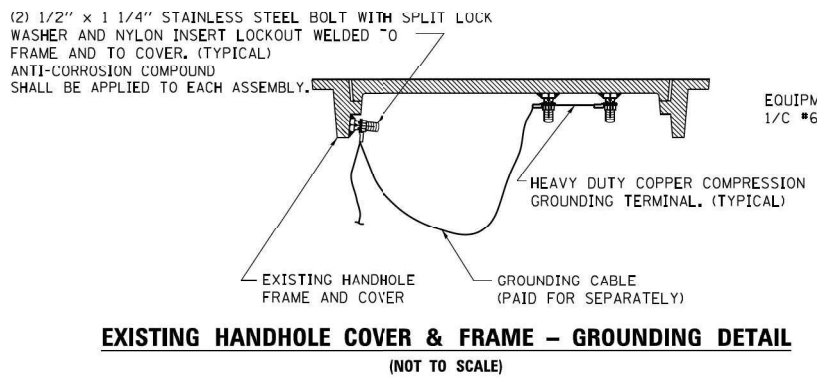


NOTES:

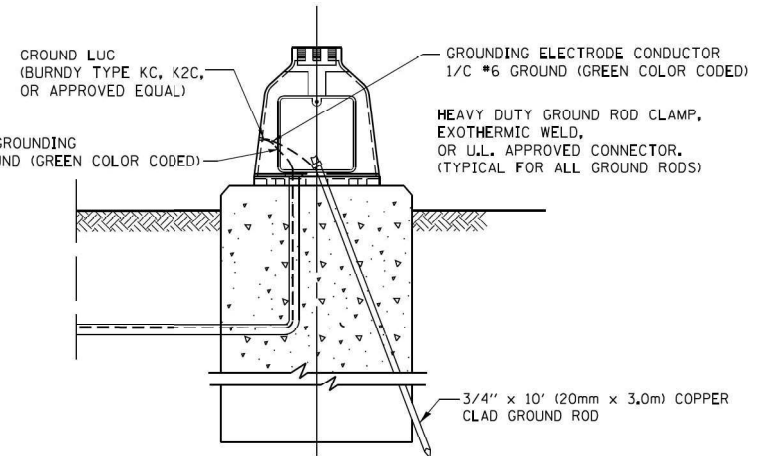
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



SERVICE INSTALLATION GROUND MOUNT (NOT TO SCALE)

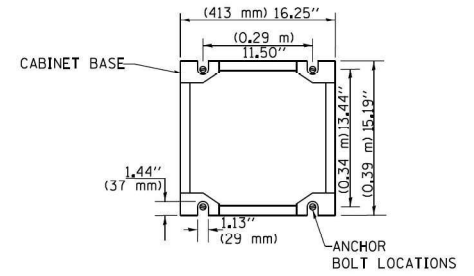


EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL (NOT TO SCALE)



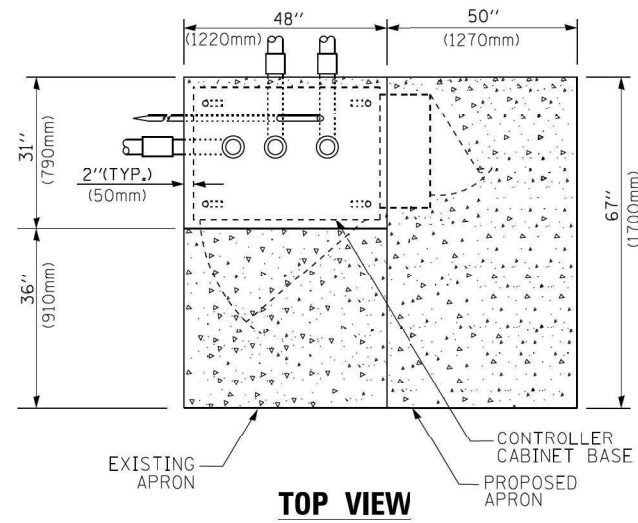
MAST ARM POLE / POST-GROUNDING DETAIL (NOT TO SCALE)

CABINET – BASE BOLT PATTERN (NOT TO SCALE)

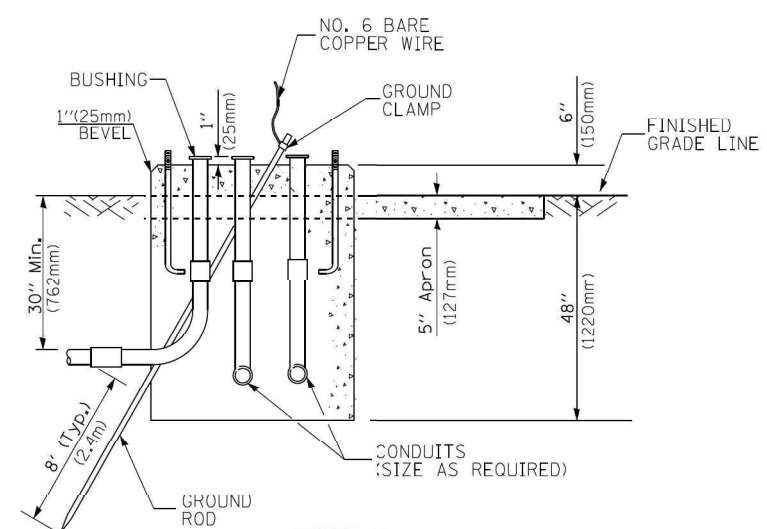


TS SHT NO. 05

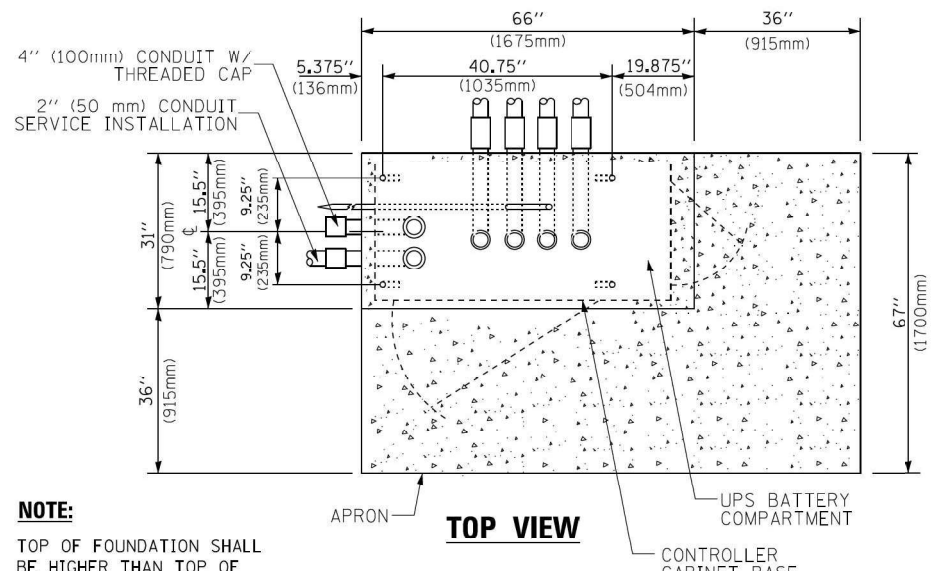
FILE NAME =	USER NAME = foatemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.P. RTE. 338	SECTION FAP 0338 22 RS	COUNTY COOK	TOTAL SHEETS 78	SHEET NO. 43	
PLOT SCALE = 50.0000' / in.	CHECKED - DAD	REVISOR -	SCALE: NONE			SHEET NO. 4 OF 7 SHEETS	STA. TO STA.	TS-05		CONTRACT NO. 62T10	
PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISOR -						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



TOP VIEW

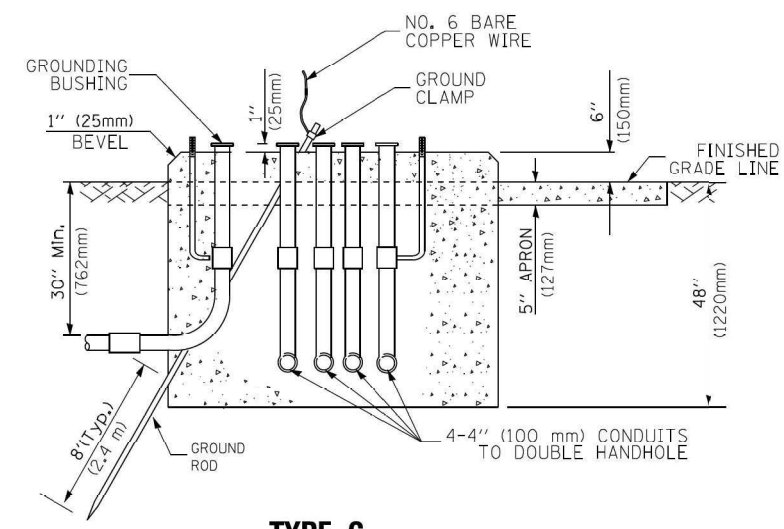


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

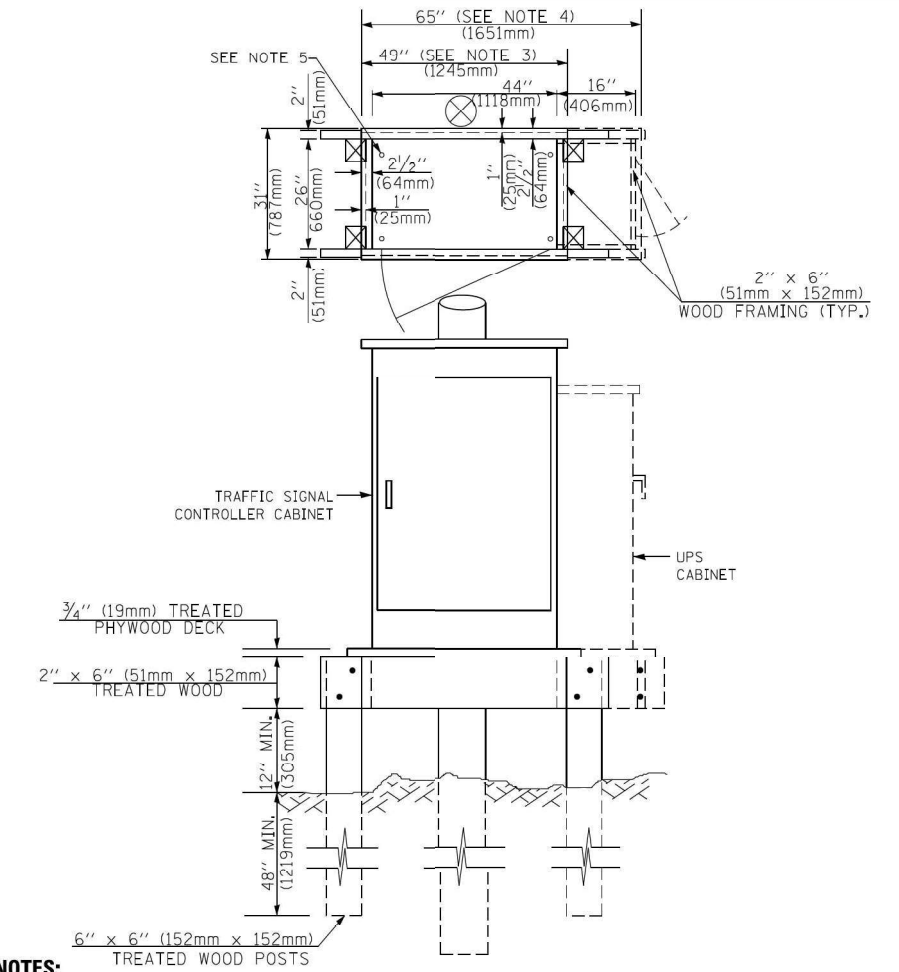


TOP VIEW

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:

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

**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

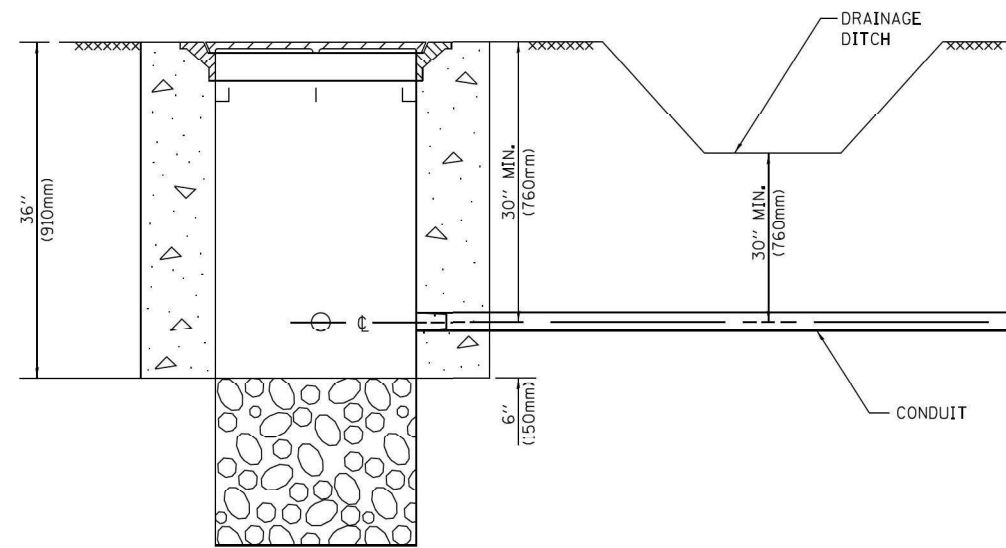
MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

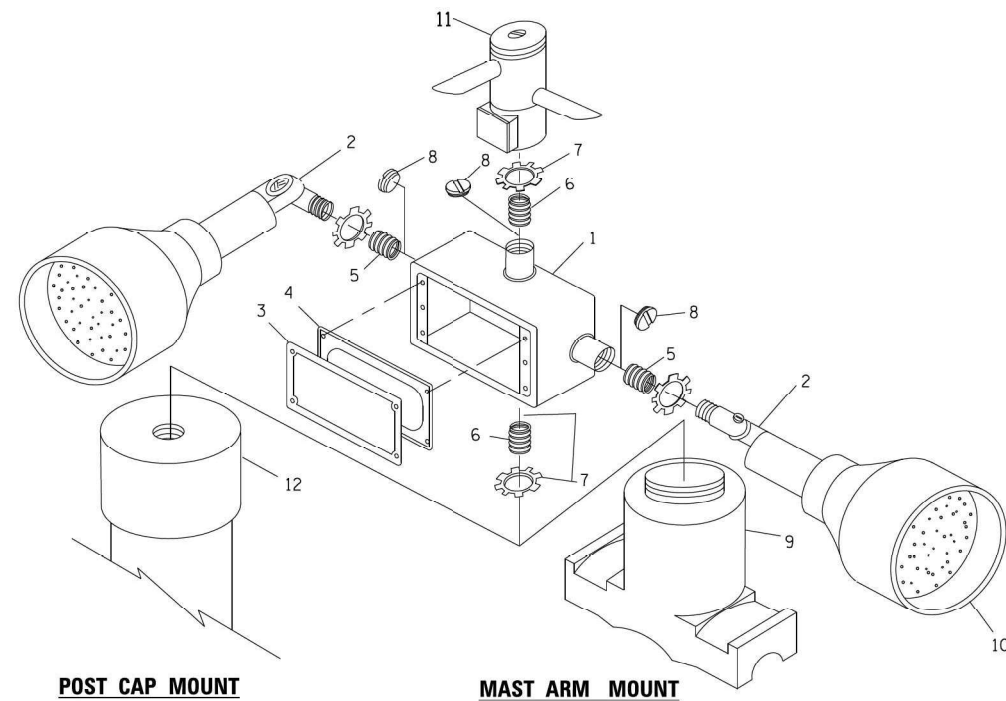
TS SHT NO. 06



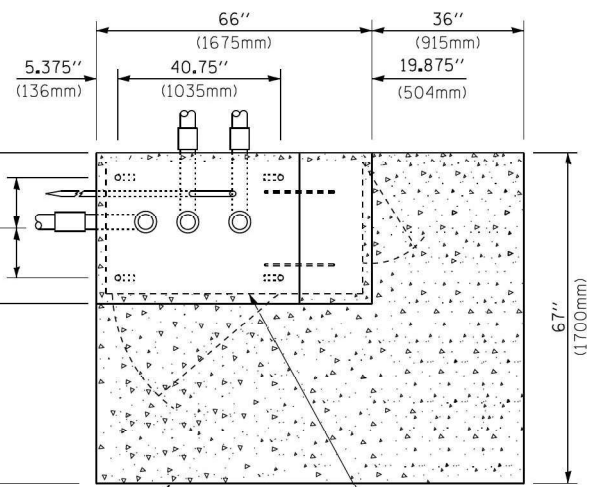
NOTES:

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.

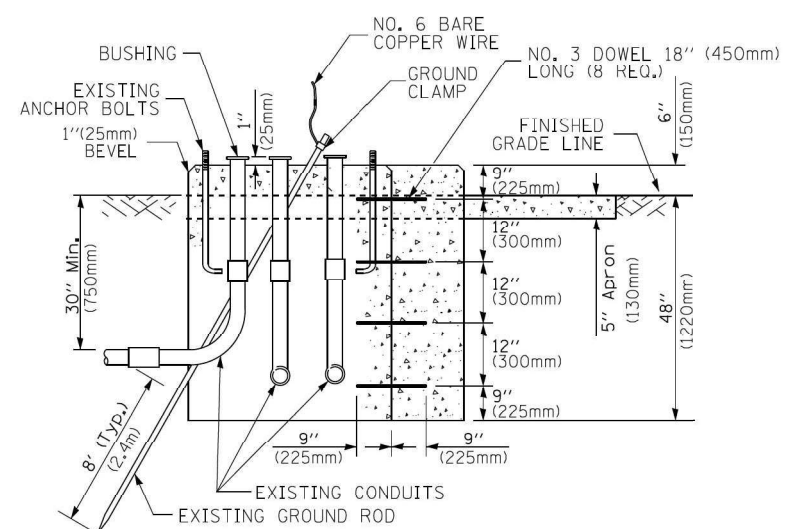
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



TOP VIEW
(NOT TO SCALE)

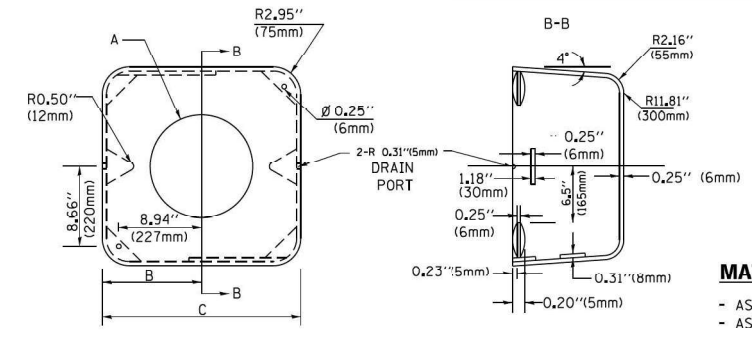


MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0,000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

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



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

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

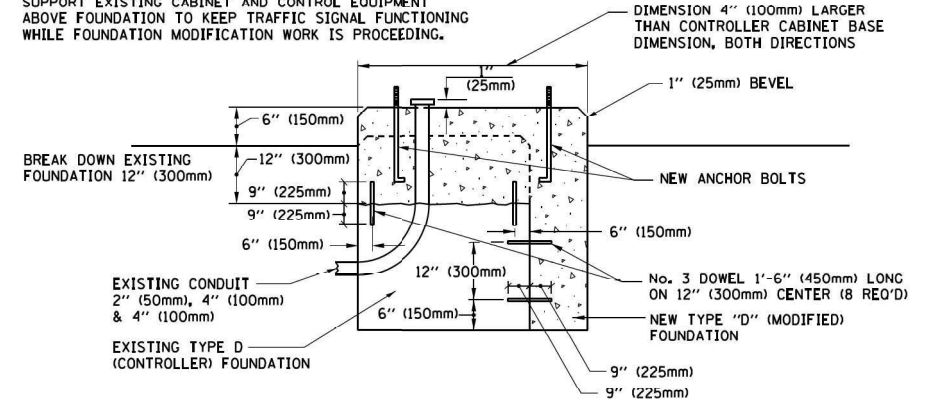
SHROUD

NOTES:

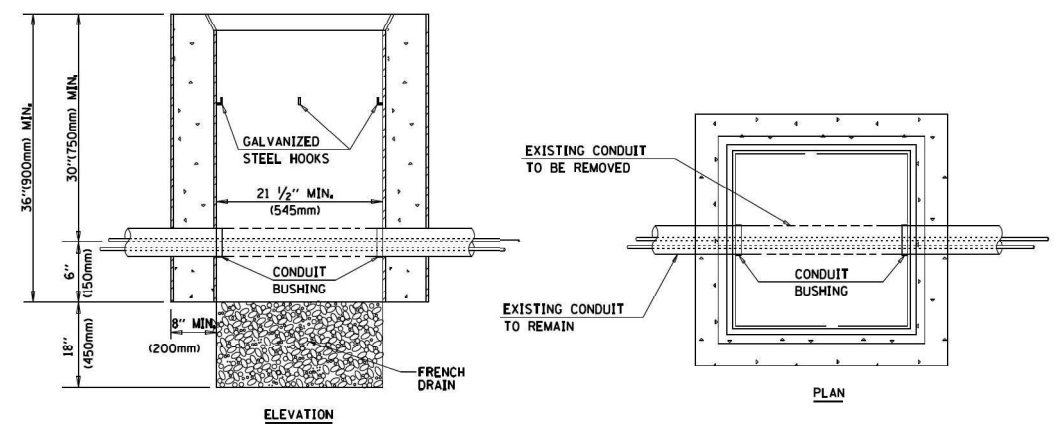
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

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



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

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

HANDHOLE TO INTERCEPT EXISTING CONDUIT

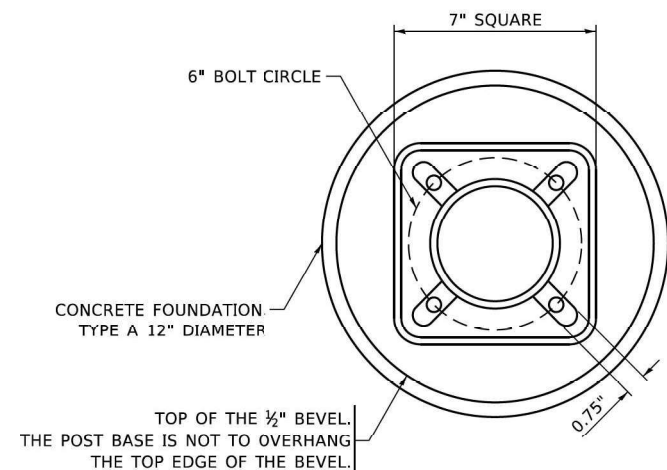
TS SHT NO. 07

FILE NAME =	USER NAME = faotemj	DESIGNED - DAD	REVISED - DAG 1-1-14
ca:\p\work\p\dot\faotemj\d0108315\ts05.dgn		DRAWN - BCK	REVISED -
	PLOT SCALE = 50.0000' / 1"	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: NONE	SHEET NO. 6 OF 7 SHEETS STA. TO STA.

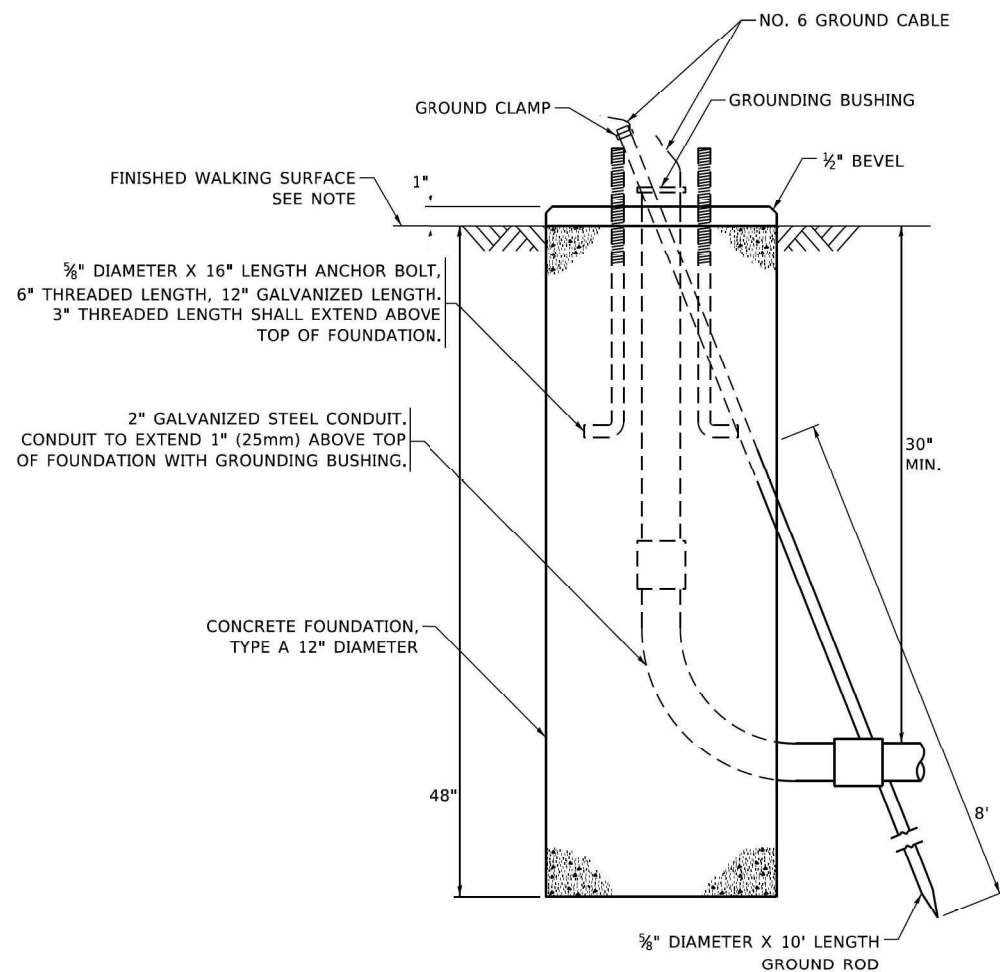
F.A.P. RTE. 338	SECTION FAP 0338 22 RS	COUNTY COOK	TOTAL SHEETS 78	SHEET NO. 45
TS-05		CONTRACT NO. 62T10		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



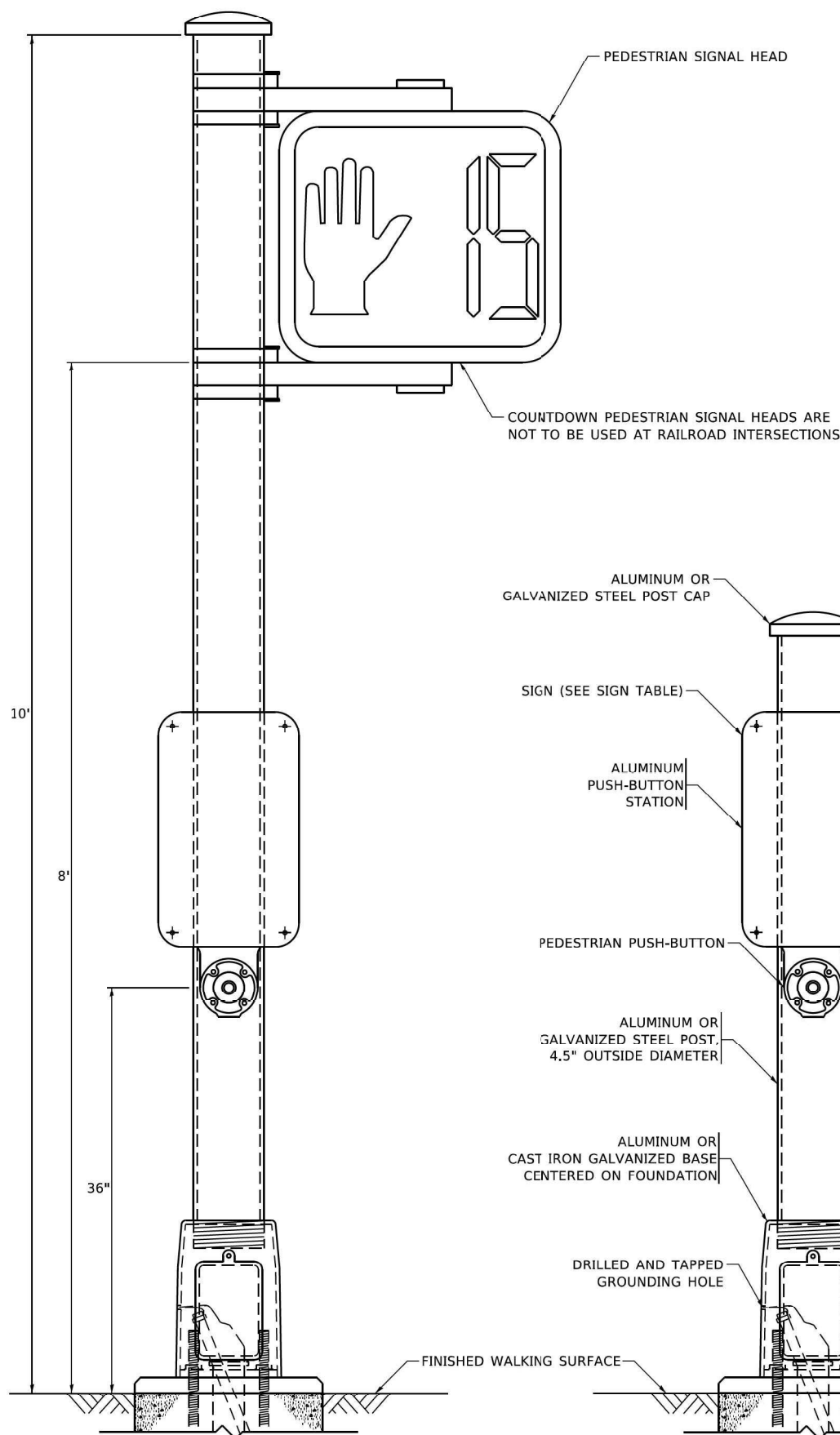
BOLT PATTERN

NOTE:

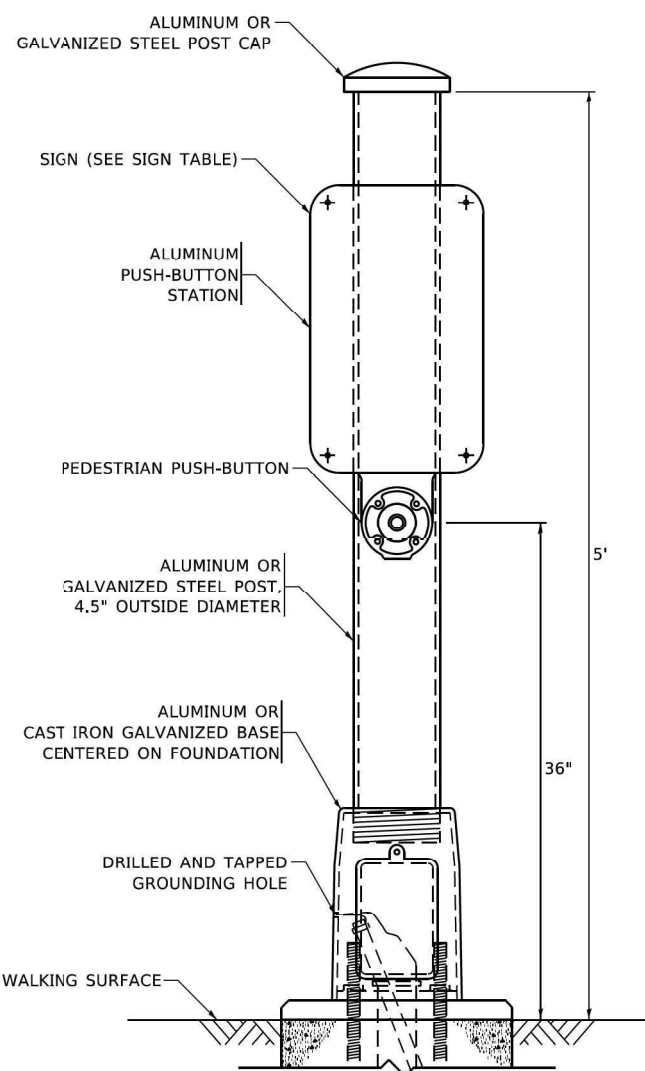
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



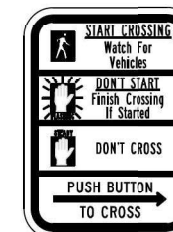
**CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER**



PEDESTRIAN SIGNAL POST, 10 FT.



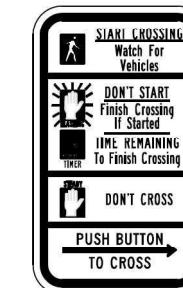
PEDESTRIAN SIGNAL POST, 5 FT.



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. 08

USER NAME = gagliarobt	DESIGNED - IP	REVISED - 10-15-2020
	DRAWN - IP	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - LP	REVISED -
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.P. RTE. 338	SECTION FAP 0338 22 RS	COUNTY COOK	TOTAL SHEETS 78	SHEET NO. 46
TS-05		CONTRACT NO. 62T10		
ILLINOIS FED. AID PROJECT				

TS SHT NO. 10

FILE NAME: M:\2019\3_Civil\40245500 IDOT\ITB_190 - Various Traffic Signs\Design\Graphics\2-2023_62110 & 62110 & 62156\210\CAD\62110_Street_02_IL_59.at\InPlan\ts-sht-no-10.dgn

Sam Schwartz
 200 S. WACKER
 SUITE 1400
 CHICAGO, IL 60606
 TEL: (773) 305-0800

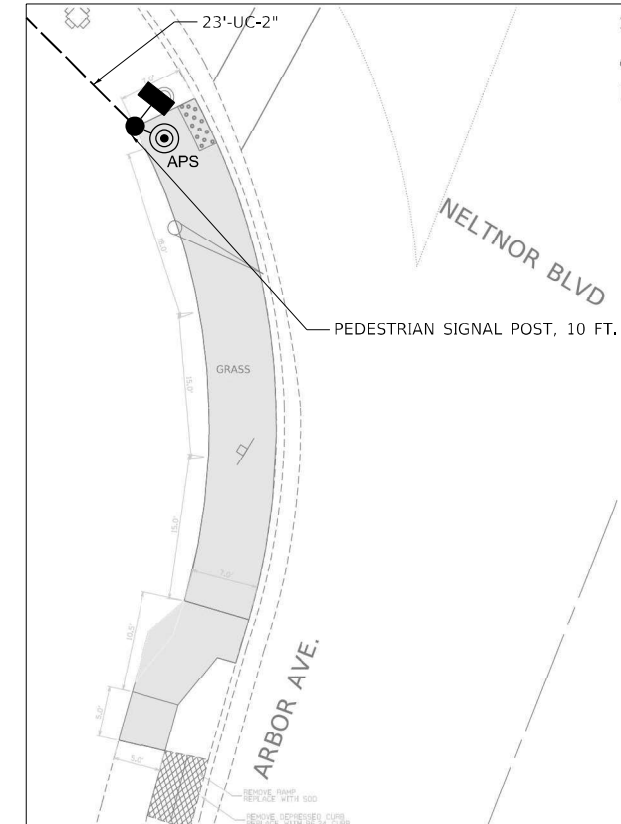
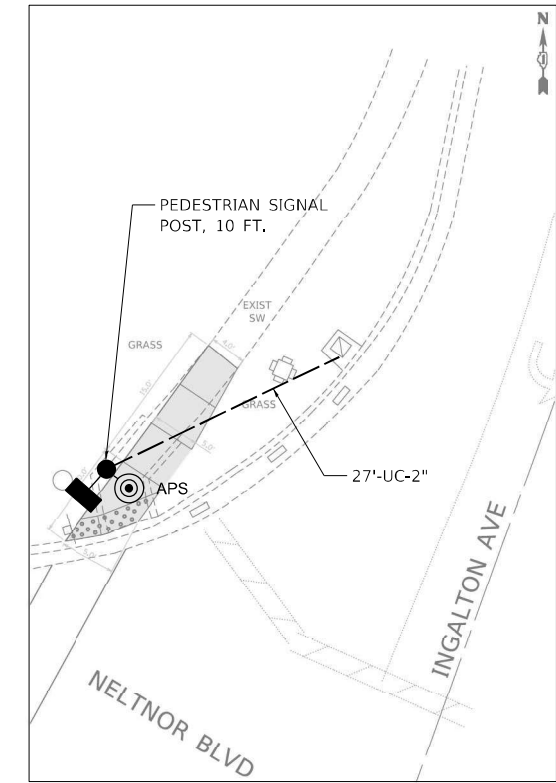
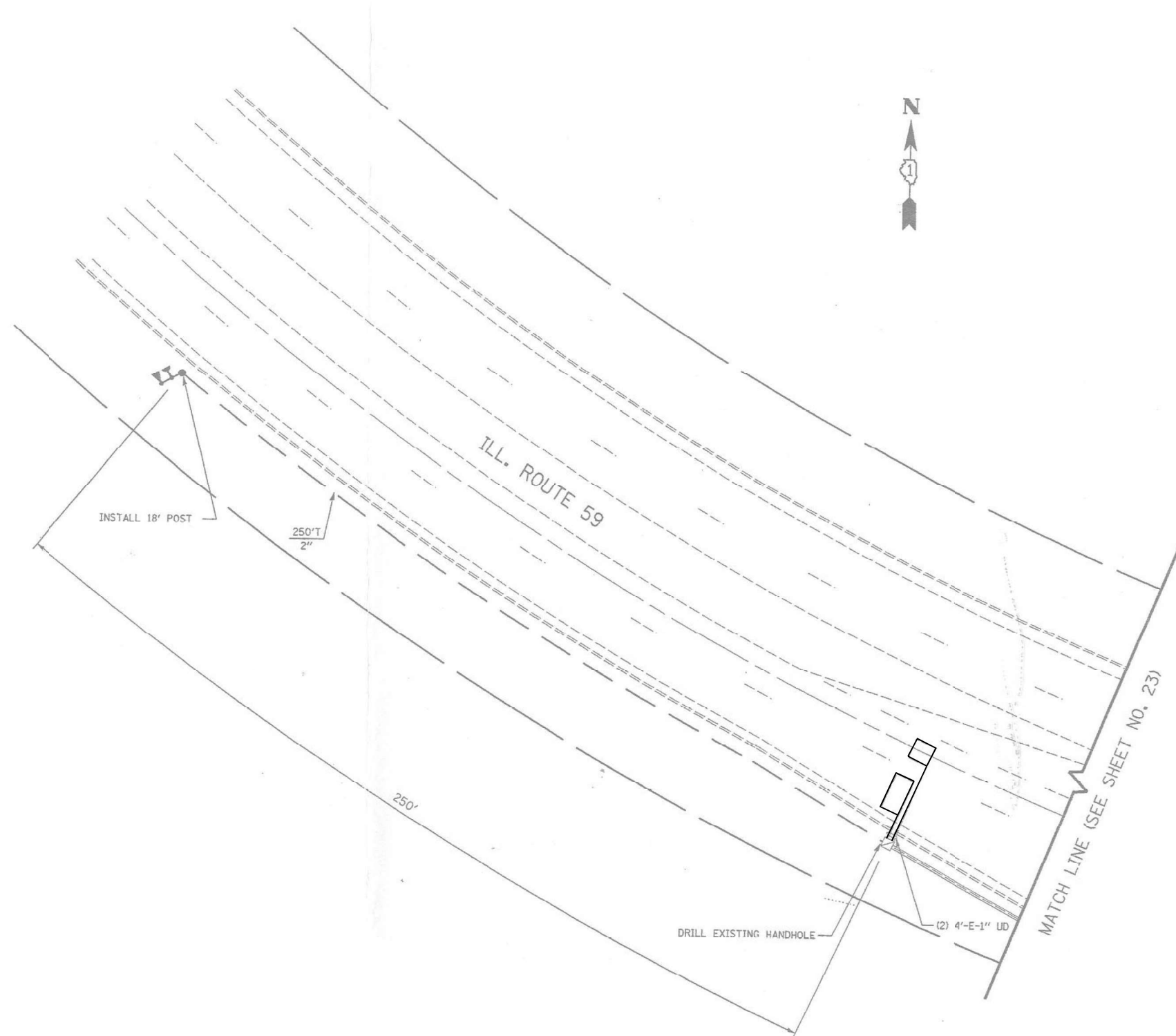
USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - PETER WOJTKIEWICZ	REVISED -
PLOT DATE = 8/6/2024	DATE - 8/6/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN
 IL 59 AT INGALTON AVE /ARBOR AVE (SHEET 2 OF 2)**

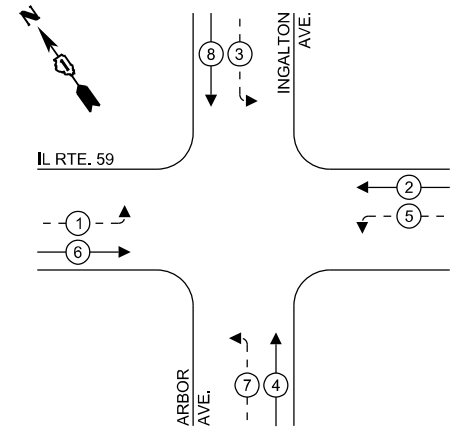
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0338	FAP 0338 22 RS	DUPAGE	578	48
			CONTRACT NO. 62T10	
		ILLINOIS	FED. AID PROJECT	

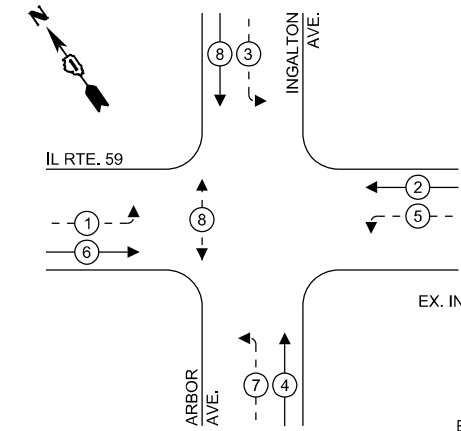


**TS 22110
 EAGLE 5A**

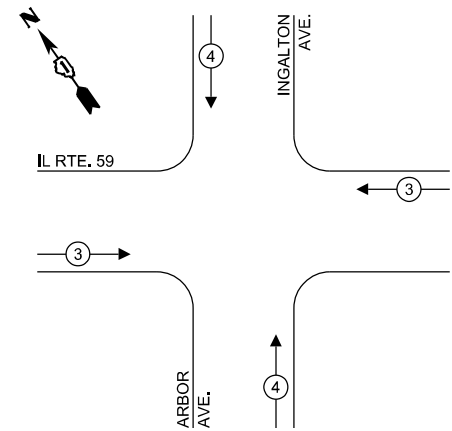
EXISTING CONTROLLER SEQUENCE



PROPOSED CONTROLLER SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

- ⊙ — PROTECTED PHASE
- ⊙ — PROTECTED/PERMITTED PHASE
- ⊙ — PEDESTRIAN PHASE

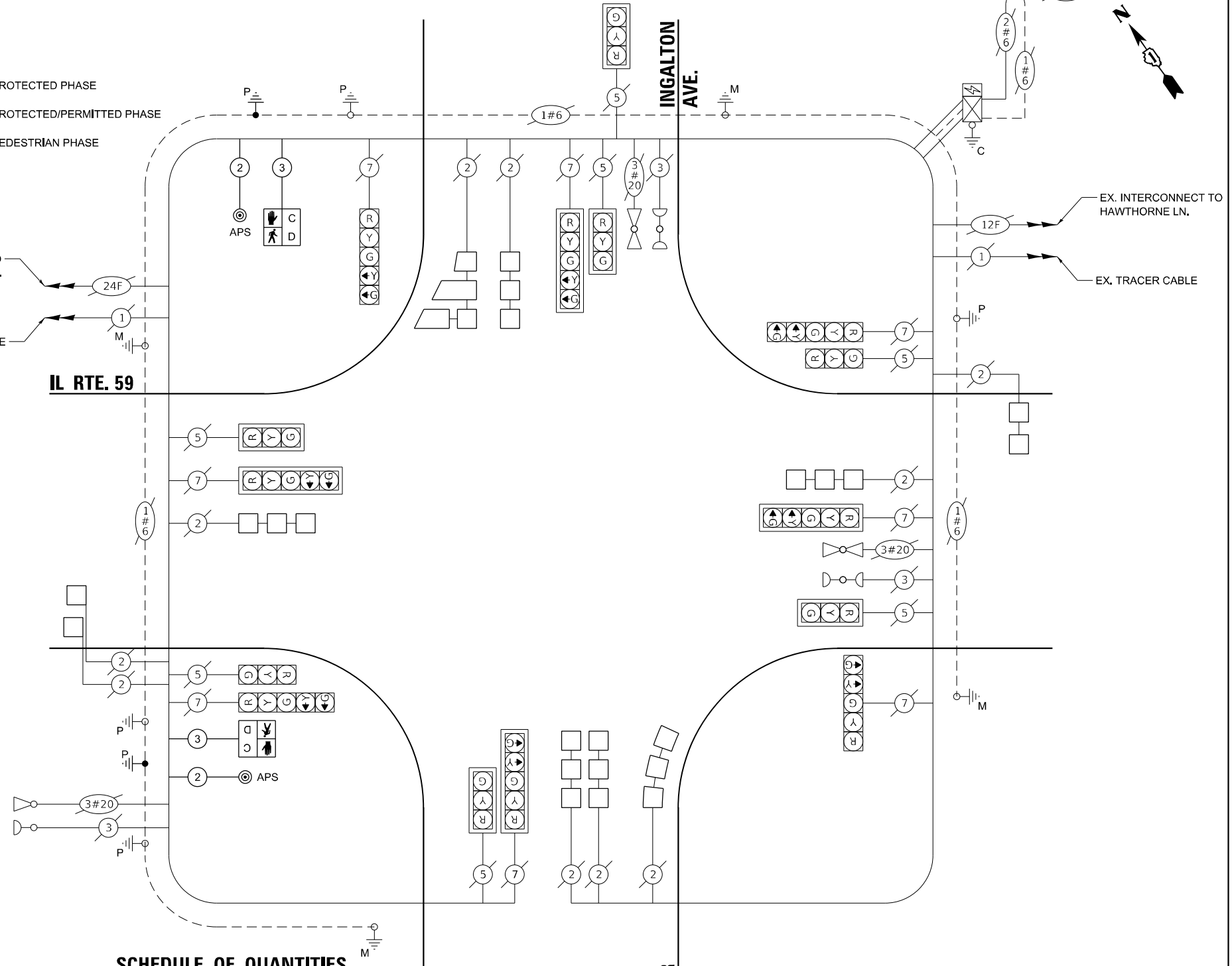
EX. INTERCONNECT TO IL 64 NORTH AVE.
EX. TRACER CABLE

IL RTE. 59

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	50
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	458
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	472
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	72
DRILL EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
DETECTOR LOOP, TYPE I	FOOT	1136
MODIFY EXISTING CONTROLLER	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

CABLE PLAN
(NOT TO SCALE)



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3 - SECTION	7	11	77
4 - SECTION	-	14	-
5 - SECTION	8	13	104
PROGRAMMABLE SIGNALS			
3 - SECTION	-	22	0
4 - SECTION	-	32	-
5 - SECTION	-	28	0
PED. SIGNAL	2	15	30
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR	-	20	-
VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =			386
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 =			991

ENERGY COSTS TO:
CITY OF WEST CHICAGO
457 MAIN STREET
WEST CHICAGO, IL 60185

ENERGY SUPPLY:
CONTACT: NEW BUSINESS DEPT.
PHONE: (866) 639-3532
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 73470-49055

TS SHT NO. 11

Sam Schwartz
200 S. WACKER
SUITE 1400
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT DATE = 8/6/2024	CHECKED - PETER WOJTKIEWICZ	REVISED -
	DATE - 8/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

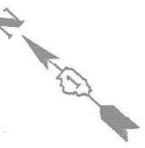
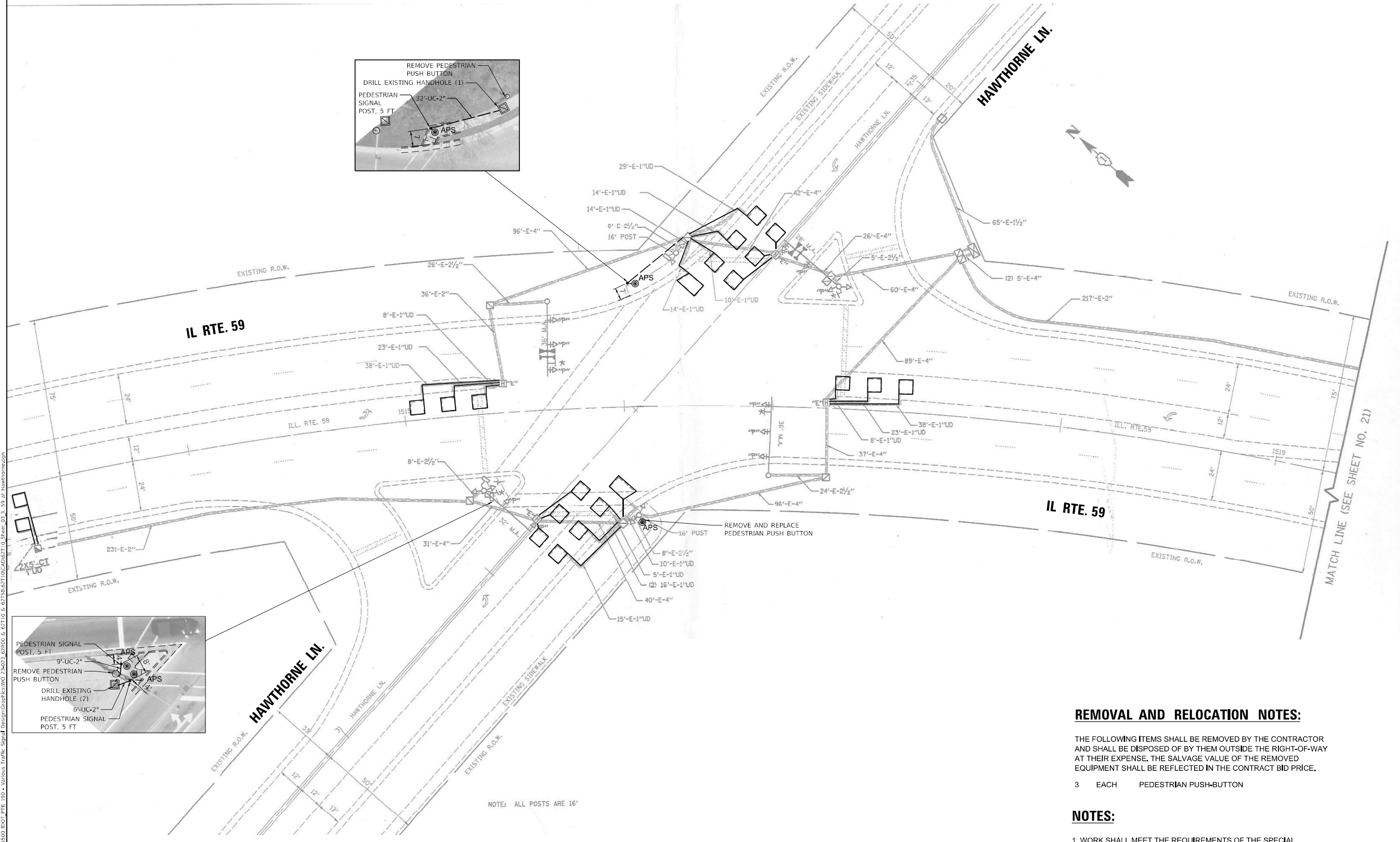
**CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SUMMARY OF QUANTITIES
IL 59 AT INGALTON AVE /ARBOR AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0338	FAP 0338 22 RS	DUPAGE	49	49
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T10	

**TS 22110
EAGLE 5A**

FILE NAME: M:\2019\3_Civil\64-24500\DOT\190 - Various Traffic Signal Design\Graphics\2-2023_62T10_6_621566210\CAD\SET1.0_Sht11.dwg, 6/21/24, 6:21:56 PM



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.

- 3 EACH PEDESTRIAN PUSH-BUTTON

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS)".

TS 8853
EAGLE 5A

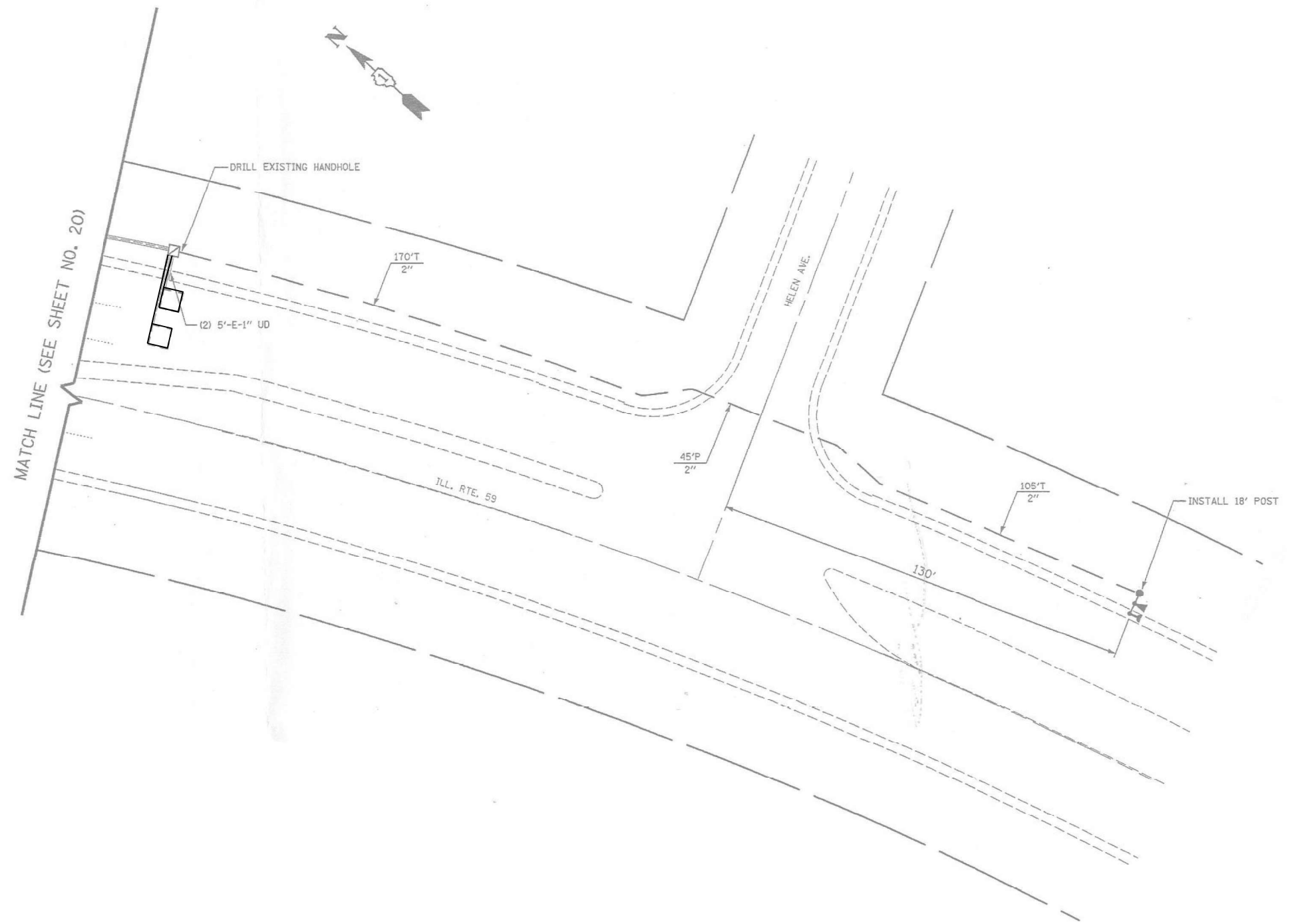
Sam Schwartz 200 S. WACKER SUITE 1400 CHICAGO, IL 60606 TEL: (773) 305-0800		USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
		PLOT SCALE = 40,0000' / in.	DRAWN - KATHLEEN MURPHY	REVISED -
		PLOT DATE = 8/6/2024	CHECKED - PETER WOJKIEWICZ	REVISED -
			DATE - 8/6/2024	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN IL 59 AT HAWTHORNE LN (SHEET 1 OF 2)	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0338	FAP 0338 22 RS	DUPAGE	78	50
CONTRACT NO. 62710		ILLINOIS FED. AID PROJECT		

FILE NAME: M:\2019\3_Civil\40245500 IDOT_PTB_190 - Various Traffic Signs\Design\Graphics\2-2-23_62T10 & 62T11 & 62T12 & 62T13 & 62T14 & 62T15 & 62T16 & 62T17 & 62T18 & 62T19 & 62T20 & 62T21 & 62T22 & 62T23 & 62T24 & 62T25 & 62T26 & 62T27 & 62T28 & 62T29 & 62T30 & 62T31 & 62T32 & 62T33 & 62T34 & 62T35 & 62T36 & 62T37 & 62T38 & 62T39 & 62T40 & 62T41 & 62T42 & 62T43 & 62T44 & 62T45 & 62T46 & 62T47 & 62T48 & 62T49 & 62T50 & 62T51 & 62T52 & 62T53 & 62T54 & 62T55 & 62T56 & 62T57 & 62T58 & 62T59 & 62T60 & 62T61 & 62T62 & 62T63 & 62T64 & 62T65 & 62T66 & 62T67 & 62T68 & 62T69 & 62T70 & 62T71 & 62T72 & 62T73 & 62T74 & 62T75 & 62T76 & 62T77 & 62T78 & 62T79 & 62T80 & 62T81 & 62T82 & 62T83 & 62T84 & 62T85 & 62T86 & 62T87 & 62T88 & 62T89 & 62T90 & 62T91 & 62T92 & 62T93 & 62T94 & 62T95 & 62T96 & 62T97 & 62T98 & 62T99 & 62T100



TS 8853
EAGLE 5A

Sam Schwartz
200 S. WACKER
SUITE 1400
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - PETER WOJTKIEWICZ	REVISED -
PLOT DATE = 8/6/2024	DATE - 8/6/2024	REVISED -

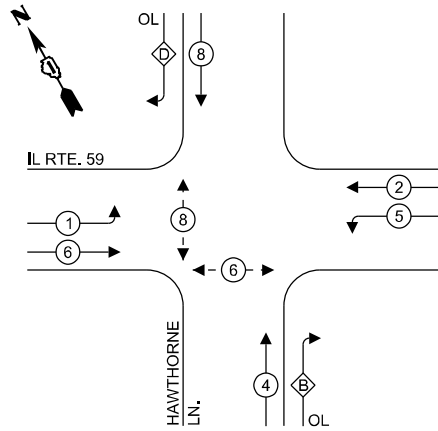
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
IL 59 AT HAWTHORNE LN (SHEET 2 OF 2)

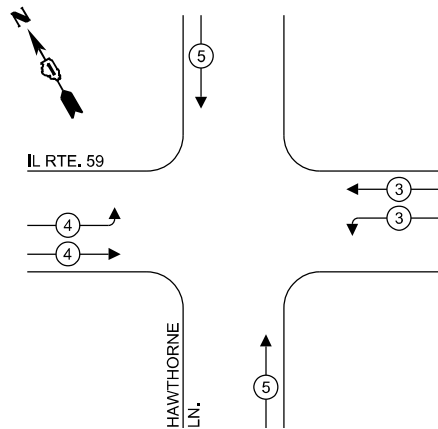
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0338	FAP 0338 22 RS	DUPAGE	78	51
ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 62T10				

PROPOSED CONTROLLER SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

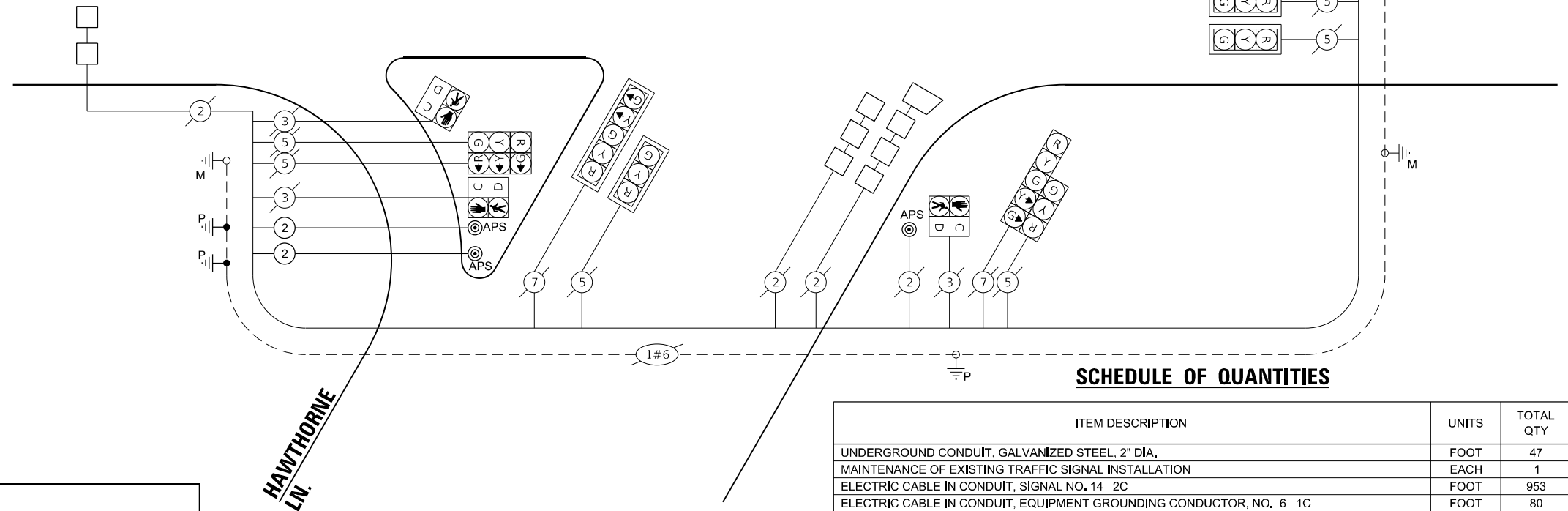
- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4 +	5
D	= 8 +	1

EX. INTERCONNECT TO INGALTON AVE.
EX. TRACER CABLE

IL RTE. 59



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	47
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	953
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	80
DRILL EXISTING HANDHOLE	EACH	3
DETECTOR LOOP, TYPE I	FOOT	995
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	447
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3 - SECTION	14	11	154
4 - SECTION	-	14	-
5 - SECTION	4	13	52
PROGRAMMABLE SIGNALS			
3 - SECTION	-	22	-
4 - SECTION	-	32	-
5 - SECTION	-	28	-
PED. SIGNAL	4	15	60
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR	-	20	-
VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =			441
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 =			1046

ENERGY COSTS TO:
CITY OF WEST CHICAGO
457 MAIN STREET
WEST CHICAGO, IL 60185
ENERGY SUPPLY:
CONTACT: NEW BUSINESS DEPT
PHONE: (866) 639-3532
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 73470-49055

CABLE PLAN
(NOT TO SCALE)

TS SHT NO. 14

Sam Schwartz
200 S. WACKER
SUITE 1400
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
PLOT SCALE = 40,0000" / in.	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT DATE = 8/6/2024	CHECKED - PETER WOJTKIEWICZ	REVISED -
	DATE - 8/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SUMMARY OF QUANTITIES
IL 59 AT HAWTHORNE LN

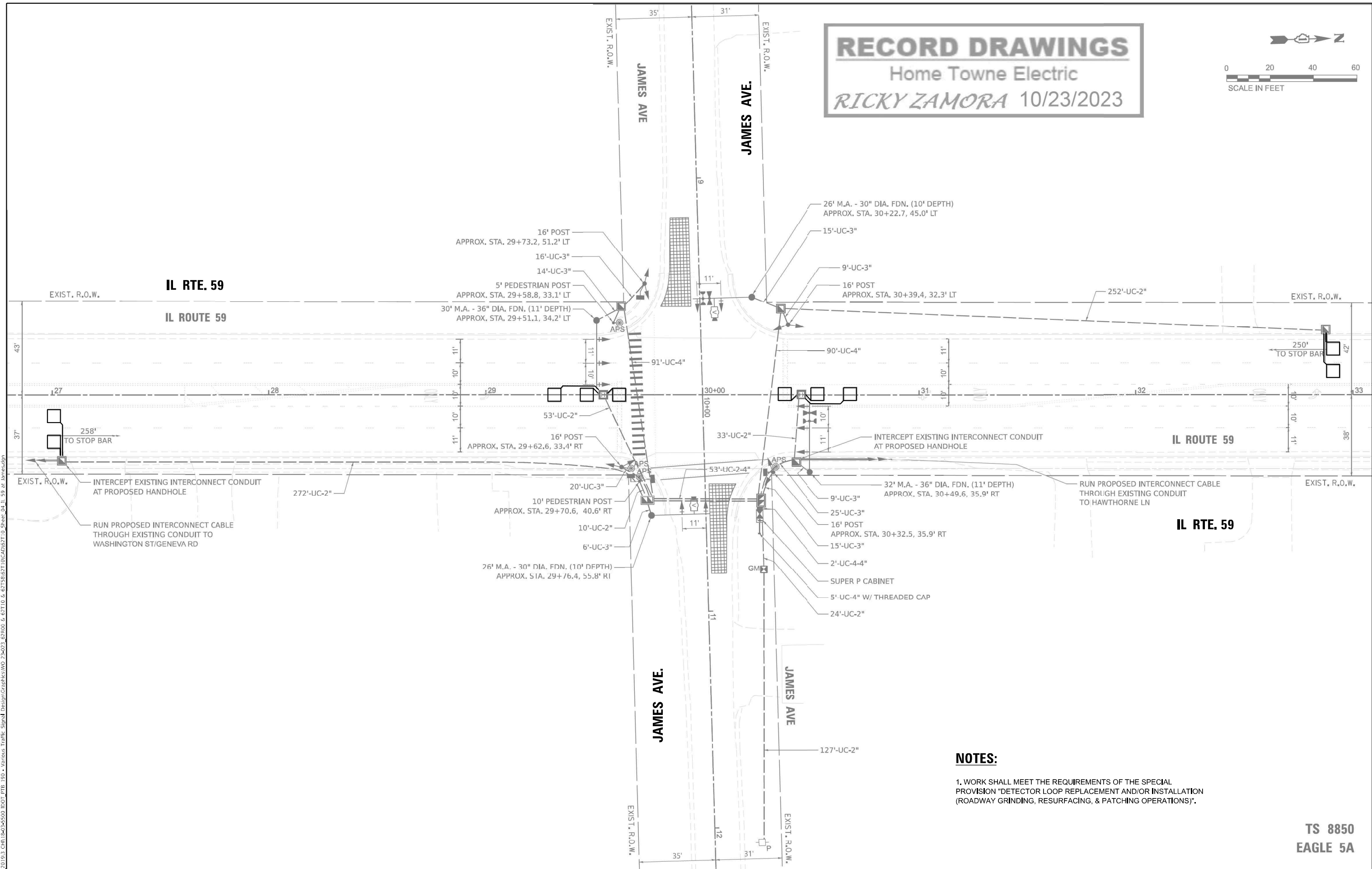
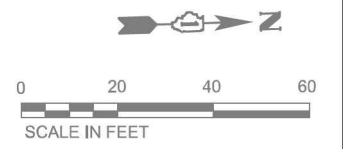
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0338	SECTION FAP 0338 22 RS	COUNTY	TOTAL SHEETS 78	SHEET NO. 52
ILLINOIS			FED. AID PROJECT	

TS 8853
EAGLE 5A

CONTRACT NO. 62T10

RECORD DRAWINGS
Home Towne Electric
RICKY ZAMORA 10/23/2023



NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS)".

**TS 8850
EAGLE 5A**

TS SHT NO. 15

Sam Schwartz
200 S. WACKER
SUITE 1400
CHICAGO, IL 60606
TEL: (773) 305-0800

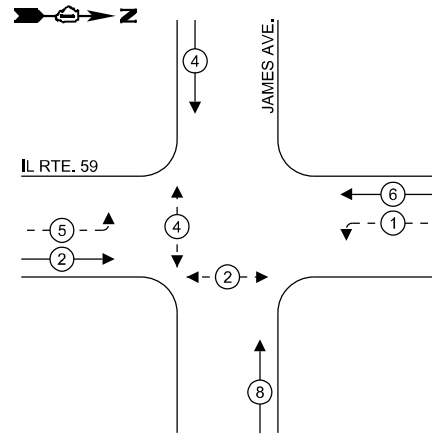
USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - PETER WOJTKIEWICZ	REVISED -
PLOT DATE = 8/6/2024	DATE - 8/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN
IL 59 AT JAMES AVE**

F.A.P. RTE. 0338	SECTION FAP 0338 22 RS	COUNTY DUPAGE	TOTAL SHEETS 78	SHEET NO. 53
SCALE:			CONTRACT NO. 62T10	
SHEET	OF SHEETS	STA.	TO STA.	
		ILLINOIS FED. AID PROJECT		

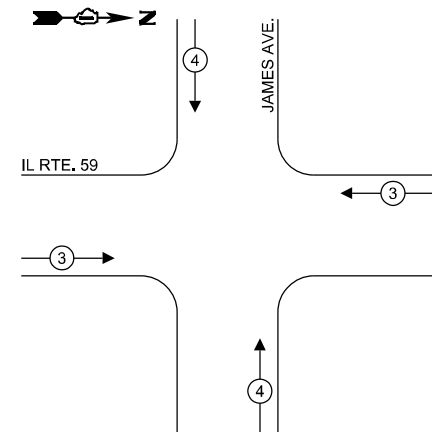
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← * → PROTECTED PHASE
- ← - * - → PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



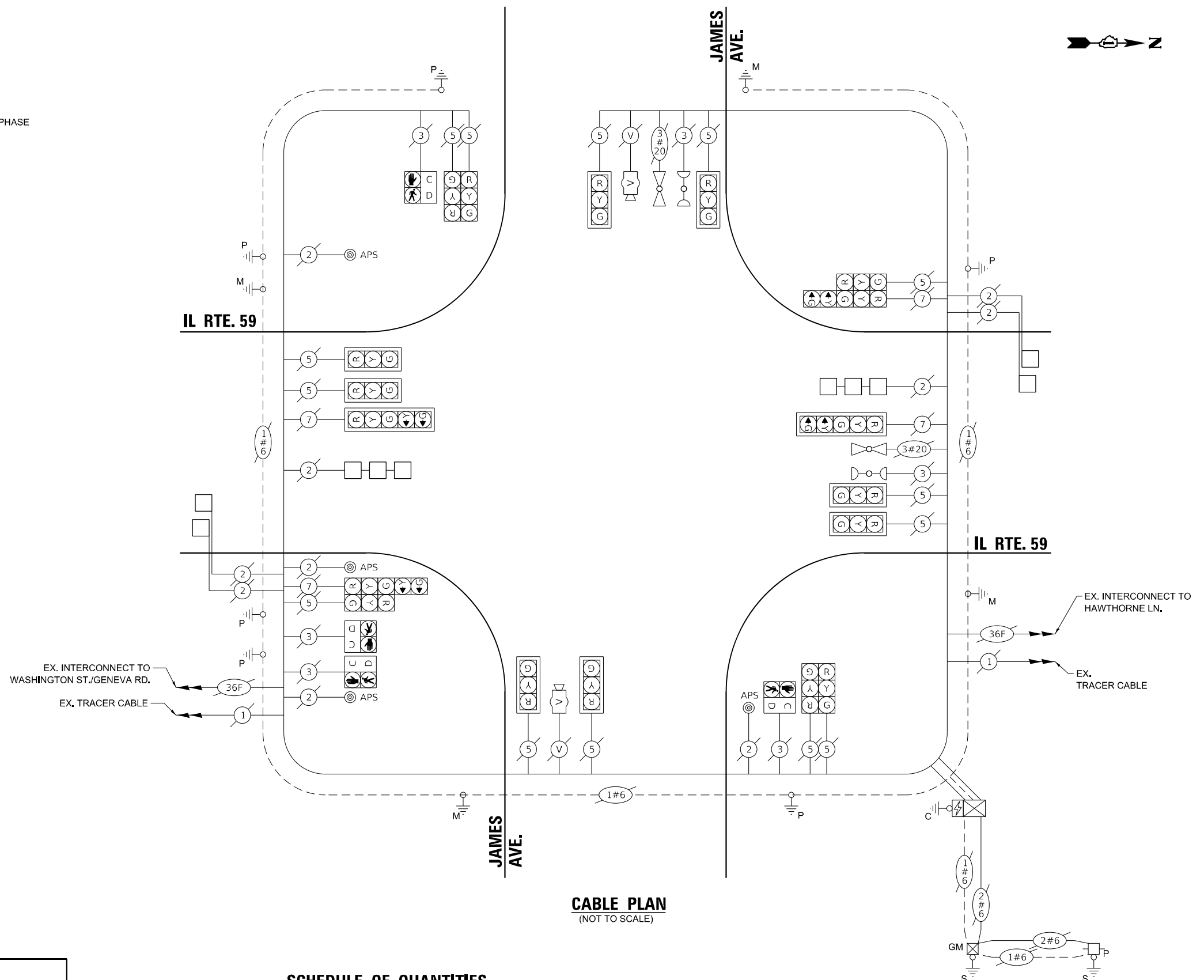
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TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3 - SECTION	14	11	154
4 - SECTION	-	14	-
5 - SECTION	4	13	52
PROGRAMMABLE SIGNALS			
3 - SECTION	-	22	-
4 - SECTION	-	32	-
5 - SECTION	-	28	-
PED. SIGNAL	4	15	60
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR	-	20	-
VIDEO	2	20	40
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =			481
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 =			1086

ENERGY COSTS TO:
WINFIELD TOWNSHIP HIGHWAY DEPT
 30W575 W ROOSEVELT ROAD
 WEST CHICAGO, IL 60185

ENERGY SUPPLY:
 CONTACT: **NEW BUSINESS DEPT**
 PHONE: (866) 639-3532
 COMPANY: **COMMONWEALTH EDISON**
 ACCOUNT NUMBER: 44230-76148



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
DETECTOR LOOP REPLACEMENT	FOOT	330

TS SHT NO. 16

Sam Schwartz
 200 S. WACKER SUITE 1400
 CHICAGO, IL 60606
 TEL: (773) 305-0800

USER NAME = erica.salutz
 DESIGNED - ERICA SALUTZ
 DRAWN - KATHLEEN MURPHY
 CHECKED - PETER WOJTKIEWICZ
 DATE - 8/6/2024
 PLOT SCALE = 40,0000 * / in.
 PLOT DATE = 8/6/2024

DESIGNED - ERICA SALUTZ
 DRAWN - KATHLEEN MURPHY
 CHECKED - PETER WOJTKIEWICZ
 DATE - 8/6/2024

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

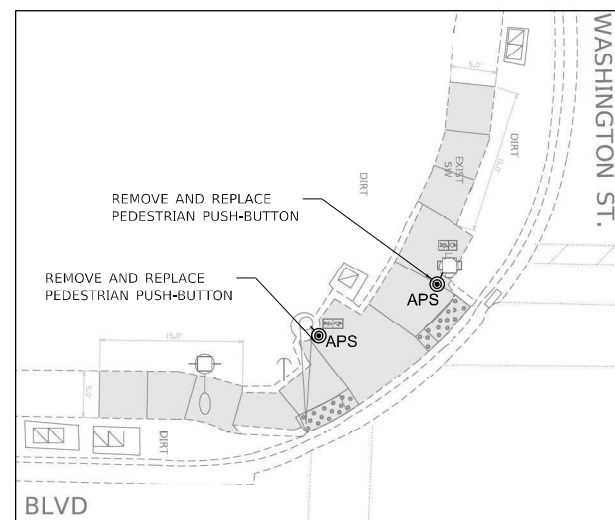
CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SUMMARY OF QUANTITIES
IL 59 AT JAMES AVE

SCALE: SHEET OF SHEETS STA. TO STA.

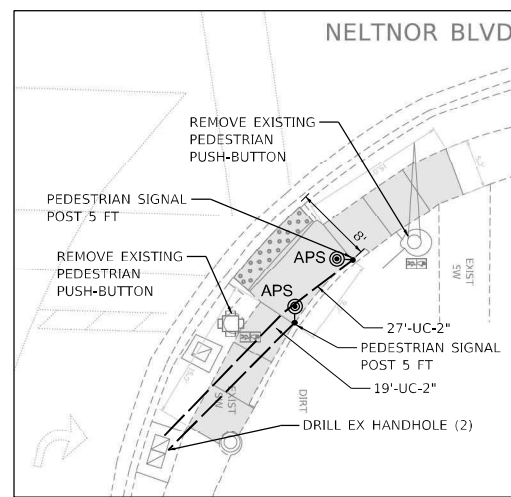
F.A.P. RTE. 0338 SECTION FAP 0338 22 RS COUNTY DUPAGE TOTAL SHEETS 78 SHEET NO. 54 CONTRACT NO. 62T10 ILLINOIS FED. AID PROJECT

TS 8850
EAGLE 5A

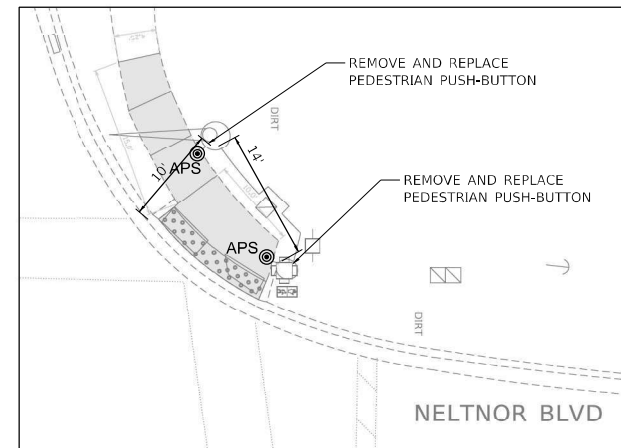
FILE NAME: M:\2019\3_Civil\24-25500 DDOT ITB_190 - Various Traffic Signs\Design\Graphics\2-2-2023_62710_6_62110_6_6215862110\CAD\SET10_Street_05_IL_59_at_Washington.dgn



SW CORNER



NE CORNER

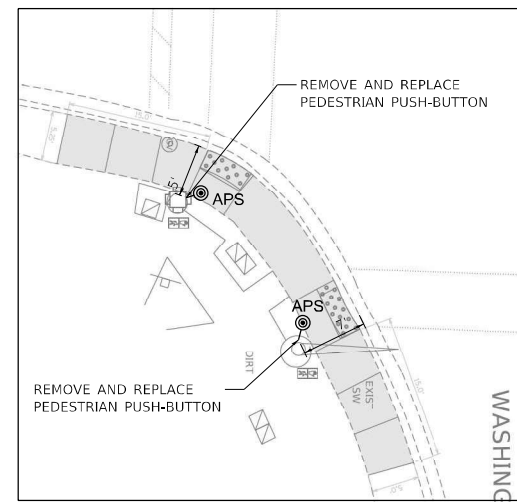
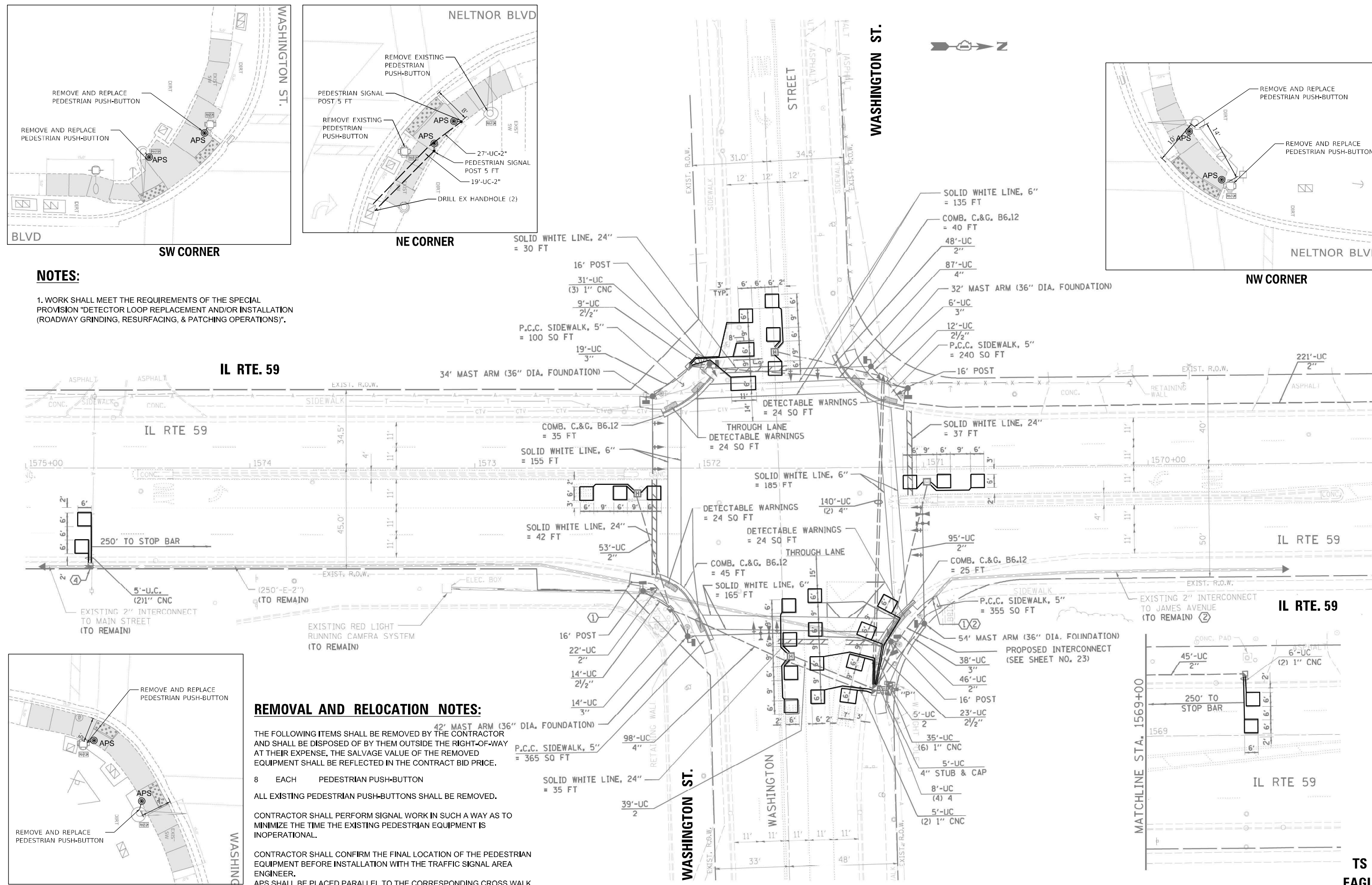


NW CORNER

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS)".

IL RTE. 59



SE CORNER

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.

8 EACH PEDESTRIAN PUSH-BUTTON
ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.

CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.

CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER.
APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
IL 59 AT WASHINGTON ST

TS 8855
EAGLE 5A

Sam Schwartz
200 S. WACKER
SUITE 1400
CHICAGO, IL 60606
TEL: (773) 305-0800

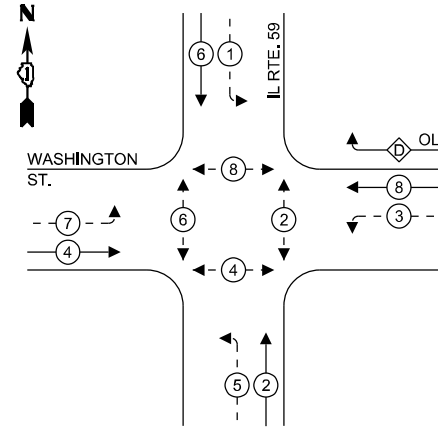
USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT DATE = 8/6/2024	CHECKED - PETER WOJTKIEWICZ	REVISED -
	DATE - 8/6/2024	REVISED -

DESIGNED - ERICA SALUTZ	REVISED -
DRAWN - KATHLEEN MURPHY	REVISED -
CHECKED - PETER WOJTKIEWICZ	REVISED -
DATE - 8/6/2024	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0338	SECTION FAP 0338 22 RS	COUNTY DUPAGE	TOTAL SHEETS 78	SHEET NO. 55
CONTRACT NO. 62T10			ILLINOIS FED. AID PROJECT	

PROPOSED CONTROLLER SEQUENCE



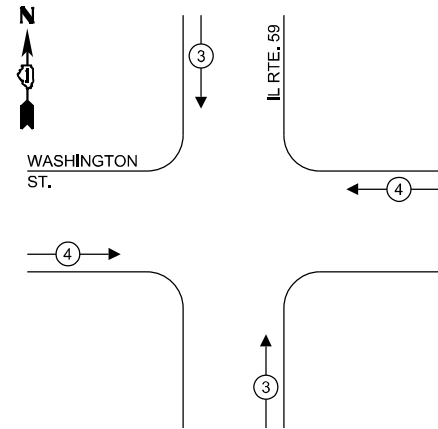
LEGEND:

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

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
D =	8	+ 1

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



FILE NAME: M:\2019\3 - CHN\8424500\DOT\DOT 180 - Various Traffic Signal Design\Construction\2-2023\62700 & 62710 & 62756\62710\CAD\62710_Sht05_IL_59_at_Washington.dgn

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3 - SECTION	5	11	55
4 - SECTION	-	14	-
5 - SECTION	10	13	130
PROGRAMMABLE SIGNALS			
3 - SECTION	-	22	-
4 - SECTION	-	32	-
5 - SECTION	-	28	-
PED. SIGNAL			
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	36
DETECTION			
RADAR	-	20	-
VIDEO	-	20	-
BLANK-OUT SIGN			
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =			480
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 =			1085

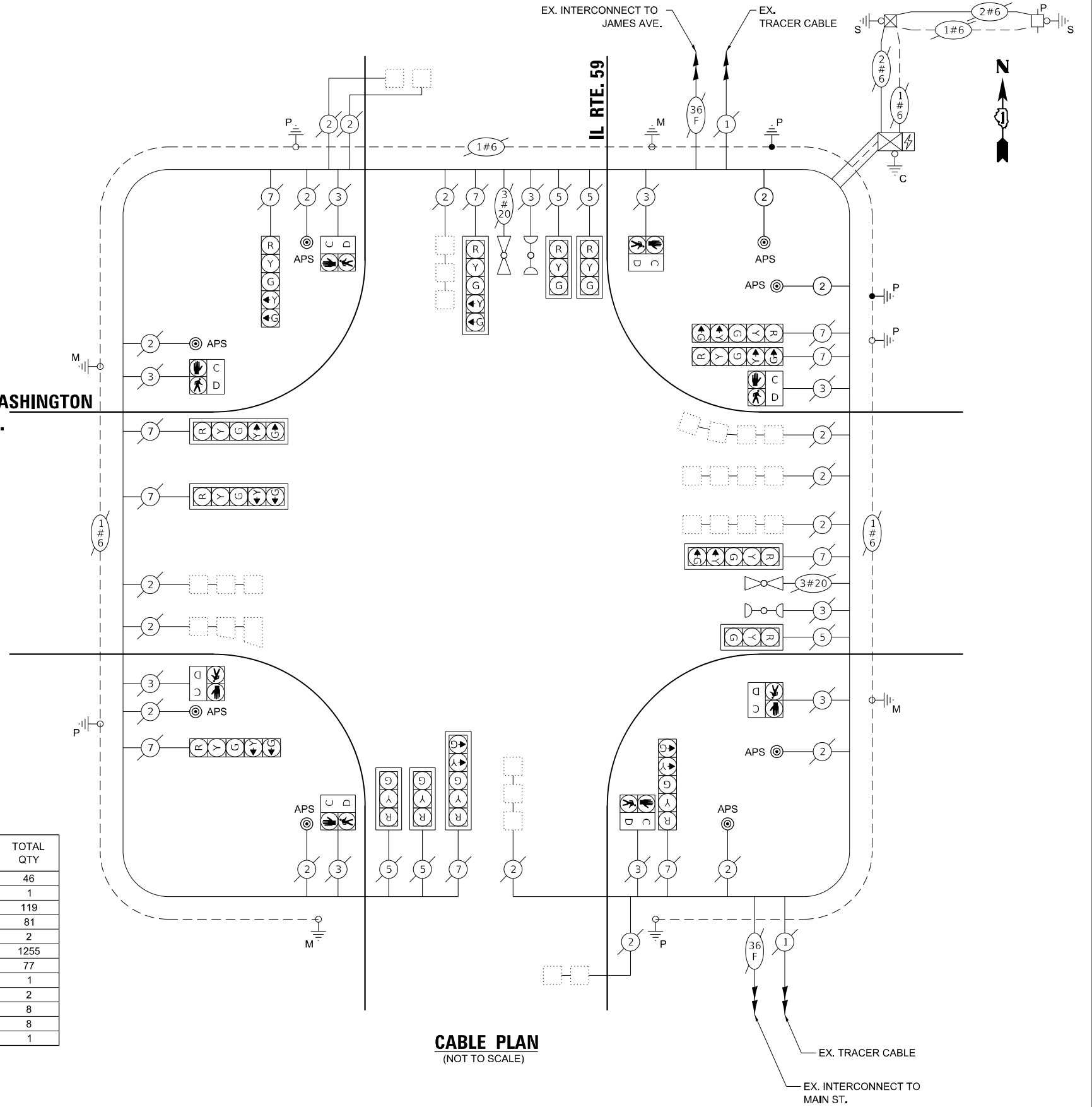
SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	46
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	119
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	81
DRILL EXISTING HANDHOLE	EACH	2
DETECTOR LOOP, TYPE I	FOOT	1255
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	77
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

ENERGY COSTS TO:
CITY OF WEST CHICAGO
 457 MAIN STREET
 WEST CHICAGO, IL 60185

ENERGY SUPPLY:
 CONTACT: NEW BUSINESS DEPT
 PHONE: (866) 639-3532
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: 73470-49055

WASHINGTON ST.



CABLE PLAN
(NOT TO SCALE)

TS SHT NO. 18

Sam Schwartz
 200 S. WACKER SUITE 1400
 CHICAGO, IL 60606
 TEL: (773) 305-0800

USER NAME	DESIGNED	REVISION
erica.salutz	ERICA SALUTZ	-
	KATHLEEN MURPHY	REVISED
	PETER WOJTKIEWICZ	REVISED
	8/6/2024	REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SUMMARY OF QUANTITIES
IL 59 AT WASHINGTON ST

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0338	FAP 0338 22 RS	DUPAGE	78	56
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T10	

TS 8855
EAGLE 5A



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.

8 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.

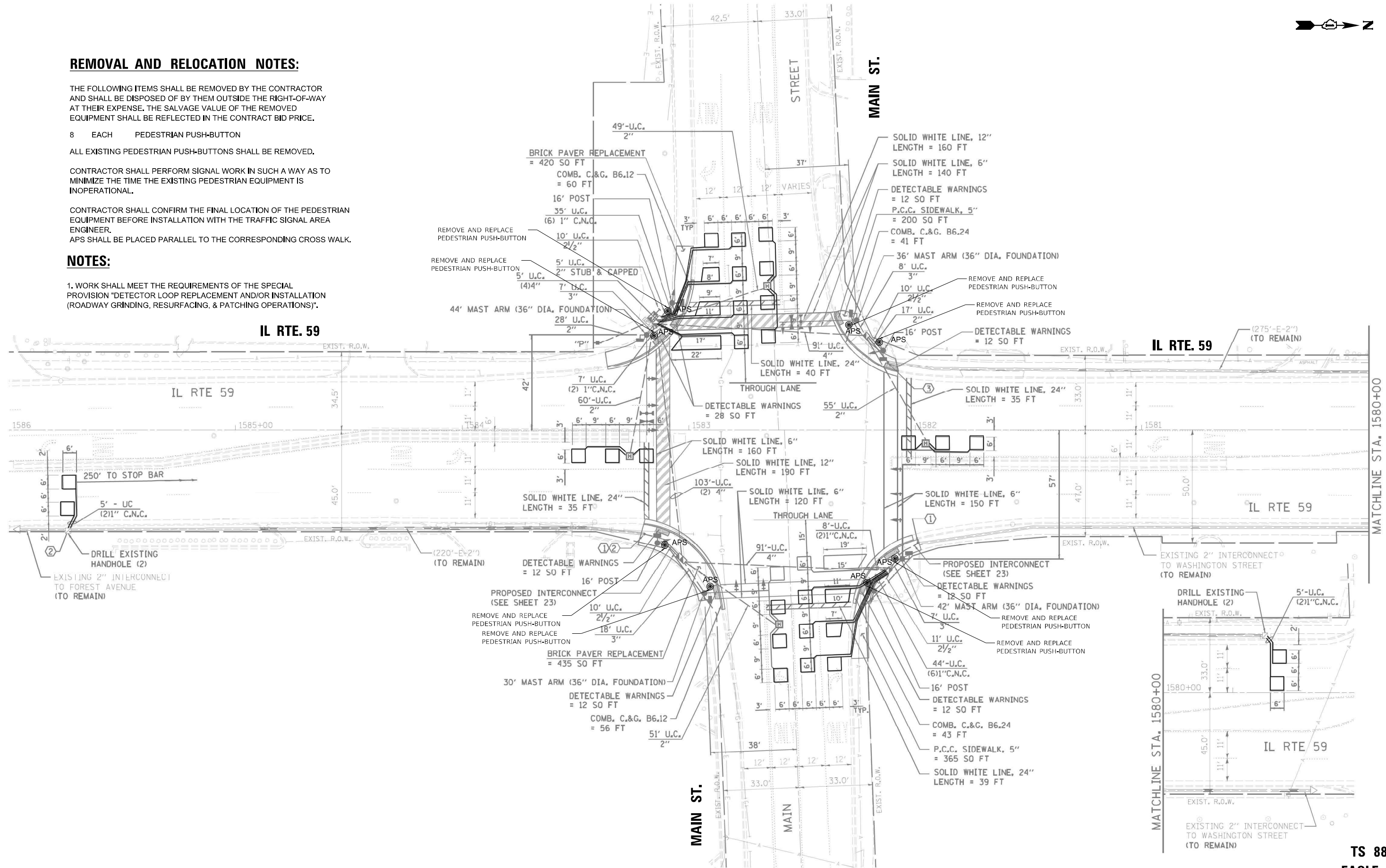
CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.

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

APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS)".



TS SHT NO. 19

Sam Schwartz
200 S. WACKER
SUITE 1400
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT DATE = 8/6/2024	CHECKED - PETER WOJTKIEWICZ	REVISED -
	DATE - 8/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

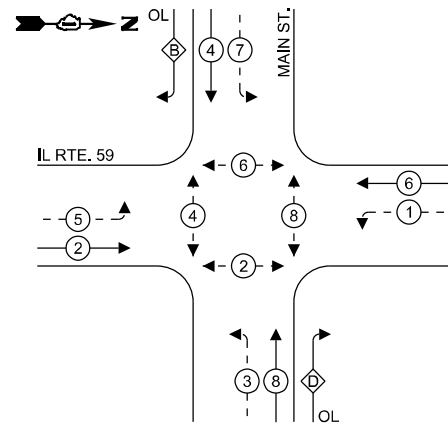
TRAFFIC SIGNAL MODERNIZATION PLAN
IL 59 AT MAIN ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0338	SECTION FAP 0338 22 RS	COUNTY DUPAGE	TOTAL SHEETS 78	SHEET NO. 57
CONTRACT NO. 62T10			ILLINOIS FED. AID PROJECT	

TS 8860
EAGLE 5A

PROPOSED CONTROLLER SEQUENCE



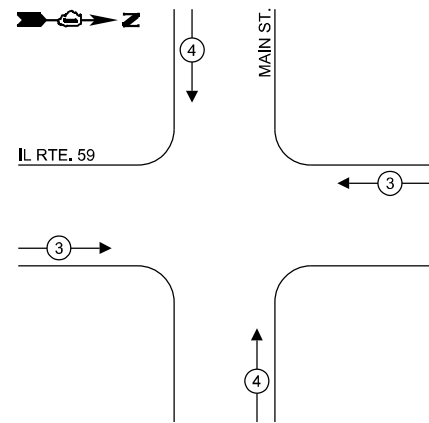
LEGEND:

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

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B =	4 +	5
D =	8 +	1

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



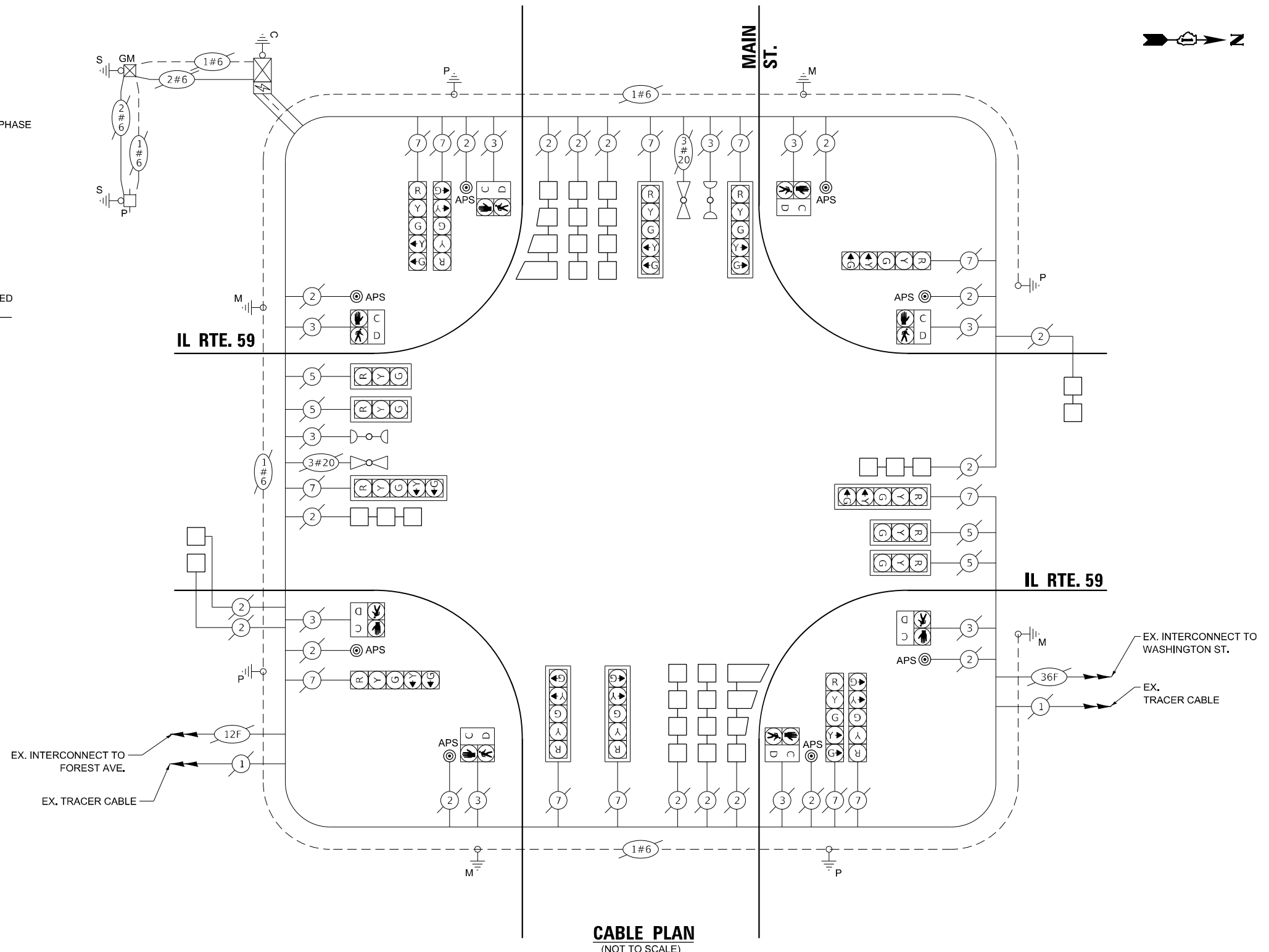
FILE NAME: M:\2019\3_Civil\24-4500 DOT PFB 190 - Various Traffic Signal Design\Graphics\24-023_62110_6_6215862110\CAD\SET10_Sht07_IL_59.at Main.dgn

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3 - SECTION	4	11	44
4 - SECTION	-	14	-
5 - SECTION	12	13	156
PROGRAMMABLE SIGNALS			
3 - SECTION	-	22	-
4 - SECTION	-	32	-
5 - SECTION	-	28	-
PED. SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR	-	20	-
VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =			495
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 =			1100

ENERGY COSTS TO:
CITY OF WEST CHICAGO
 457 MAIN STREET
 WEST CHICAGO, IL 60185

ENERGY SUPPLY:
 CONTACT: NEW BUSINESS DEPT
 PHONE: (866) 639-3532
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: 73470-49055



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DETECTOR LOOP, TYPE I	FOOT	1437
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS SHT NO. 20

Sam Schwartz
 200 S. WACKER
 SUITE 1400
 CHICAGO, IL 60606
 TEL: (773) 305-0800

USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT DATE = 8/6/2024	CHECKED - PETER WOJTKIEWICZ	REVISED -
	DATE - 8/6/2024	REVISED -

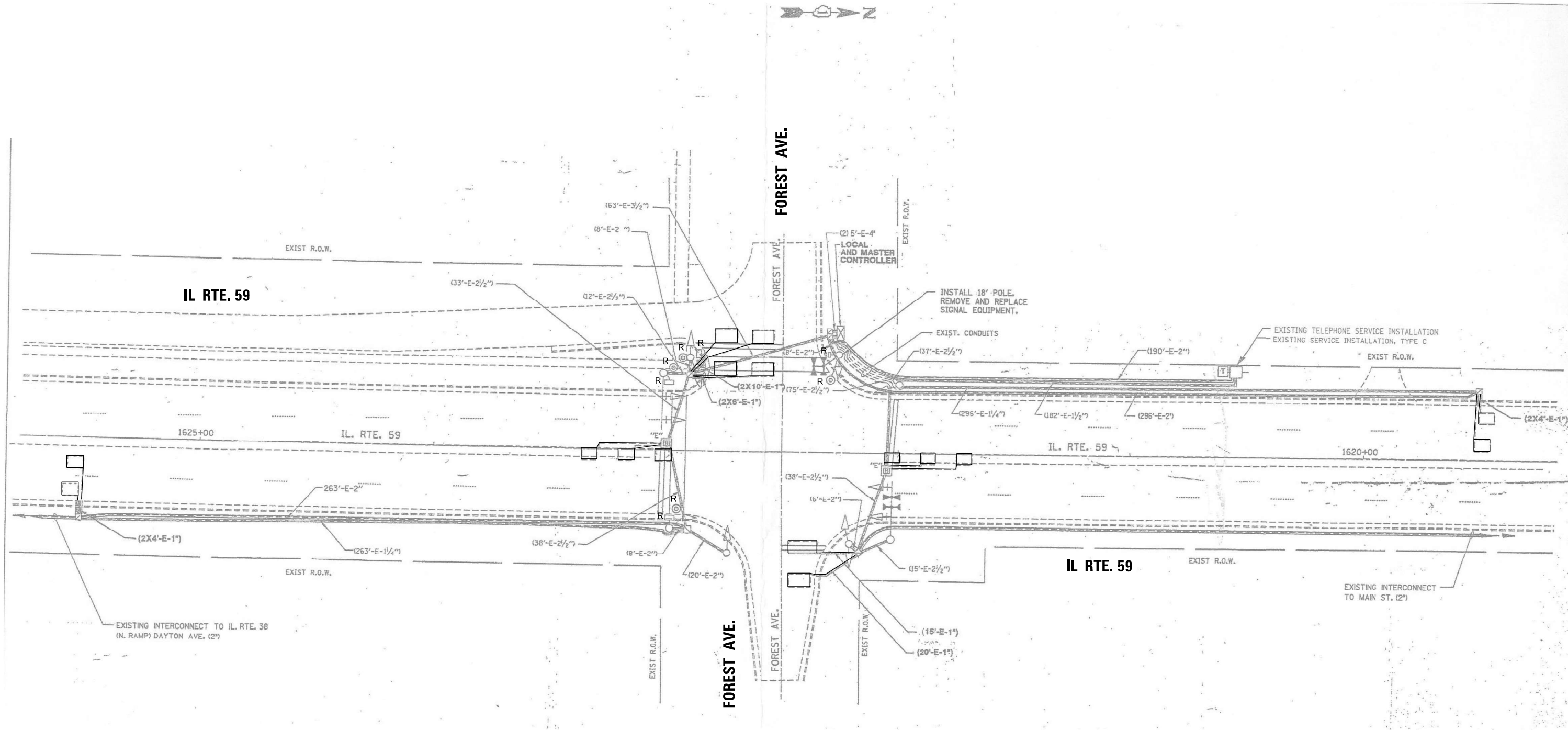
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SUMMARY OF QUANTITIES
IL 59 AT MAIN ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0338	SECTION FAP 0338 22 RS	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 58
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T10	

TS 8860
EAGLE 5A



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 SIGNAL HEAD
- 4 EACH PEDESTRIAN PUSH-BUTTON

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS)".

**TS 6390
EAGLE 5A**

Sam Schwartz
200 S. WACKER SUITE 1400 CHICAGO, IL 60606 TEL: (773) 305-0800

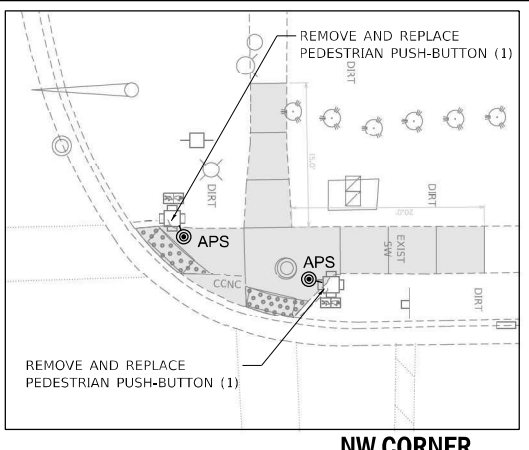
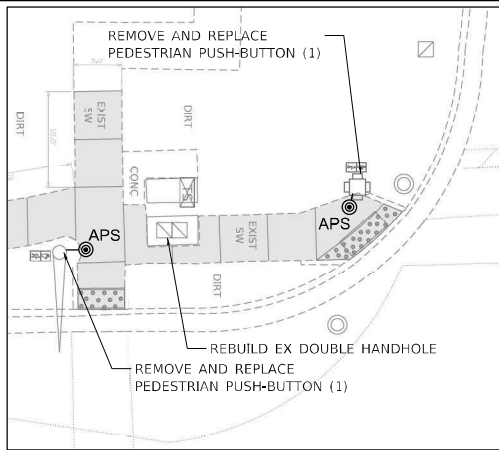
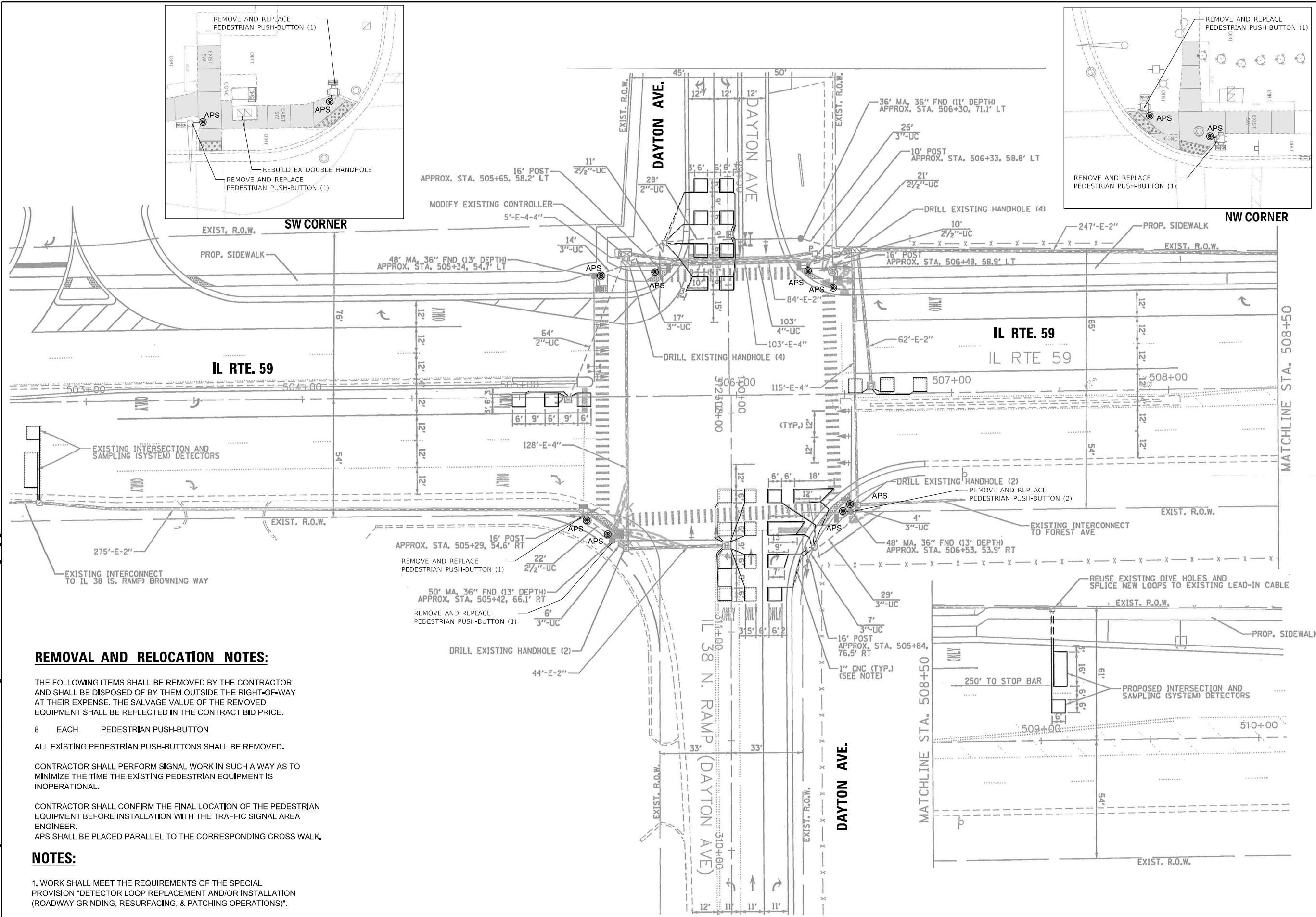
USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT DATE = 8/6/2024	CHECKED - PETER WOJTKIEWICZ	REVISED -
	DATE - 8/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN
IL 59 AT FOREST AVE**

F.A.P. RTE. 0338	SECTION FAP 0338 22 RS	COUNTY DUPAGE	TOTAL SHEETS 78	SHEET NO. 59
SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 62110	
ILLINOIS FED. AID PROJECT				

FILE NAME: M:\2019\3_Civil\42425500 IDOT\190 - Various Traffic Signs\Design\Graphic\2-2023_62110 & 62158\62110\CAD\62110_Sht23_08_IL_59.at_Dstprod.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.

8 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.

CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.

CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER.
 APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS)".

Sam Schwartz
 200 S. WACKER SUITE 1400 CHICAGO, IL 60606 TEL: (773) 305-0800

USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT DATE = 8/6/2024	CHECKED - PETER WOJTKIEWICZ	REVISED -
	DATE - 8/6/2024	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

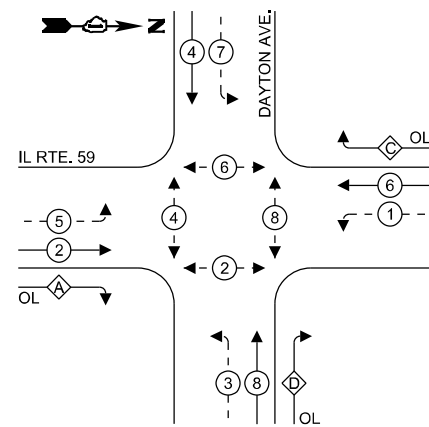
TRAFFIC SIGNAL MODERNIZATION PLAN
 IL 59 AT DAYTON AVE (IL 38 NORTH RAMP)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0338	SECTION FAP 0338 22 RS	COUNTY DUPAGE	TOTAL SHEETS 78	SHEET NO. 61
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T10	

TS 6205
 EAGLE 5A

PROPOSED CONTROLLER SEQUENCE



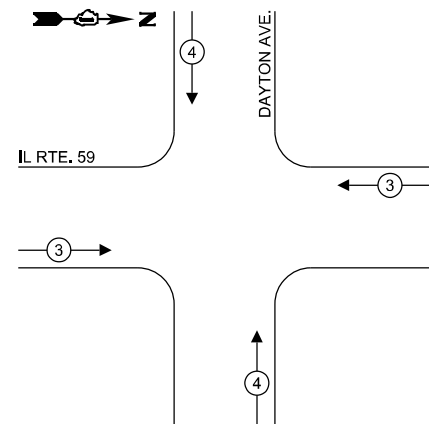
LEGEND:

- ⊙ * — PROTECTED PHASE
- ⊙ * - - PROTECTED/PERMITTED PHASE
- ⊙ * — PEDESTRIAN PHASE
- ⊙ * OL OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A =	2 +	3
C =	6 +	7
D =	8 +	1

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



FILE NAME: M:\2016\3 - CHN\164-24500.DWG DATE: 10/10/2016 10:00:00 AM USER: erica.salutz

TS SHT NO. 24

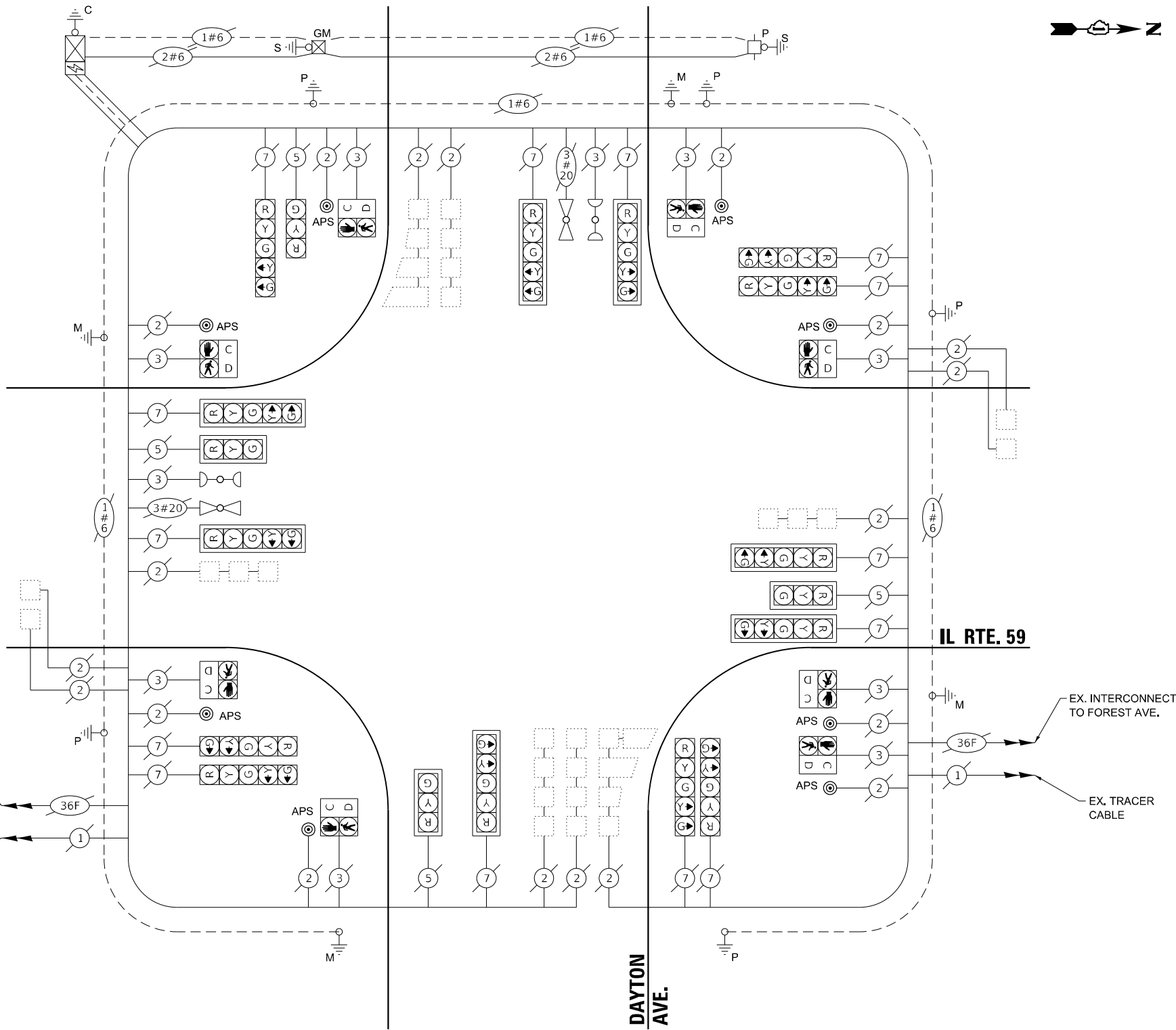
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3 - SECTION	4	11	44
4 - SECTION	-	14	-
5 - SECTION	14	13	182
PROGRAMMABLE SIGNALS			
3 - SECTION	-	22	-
4 - SECTION	-	32	-
5 - SECTION	-	28	-
PED. SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR	-	20	-
VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =			521
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 =			1126

ENERGY COSTS TO:
ILLINOIS DEPT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, IL 60196

ENERGY SUPPLY:
 CONTACT: NEW BUSINESS DEPT
 PHONE: (866) 639-3532
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: 05631-53211

ITEM DESCRIPTION	UNITS	TOTAL QTY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DETECTOR LOOP, TYPE I	FOOT	1245
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

Sam Schwartz
 200 S. WACKER
 SUITE 1400
 CHICAGO, IL 60606
 TEL: (773) 305-0800

USER NAME	DESIGNED	REVISION
erica.salutz	ERICA SALUTZ	-
	KATHLEEN MURPHY	REVISED -
	PETER WOJTKIEWICZ	REVISED -
	8/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SUMMARY OF QUANTITIES
IL 59 AT DAYTON AVE (IL 38 NORTH RAMP)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0338	FAP 0338 22 RS	DUPAGE	478	62

CONTRACT NO. 62T10

TS 6205
EAGLE 5A

Sam Schwartz
 200 S. WACKER
 SUITE 1400
 CHICAGO, IL 60606
 TEL: (773) 305-0800

USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT DATE = 8/6/2024	CHECKED - PETER WOJTKIEWICZ	REVISED -
	DATE - 8/6/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN
 IL 59 AT BROWNING WAY (IL 38 SOUTH RAMP)**

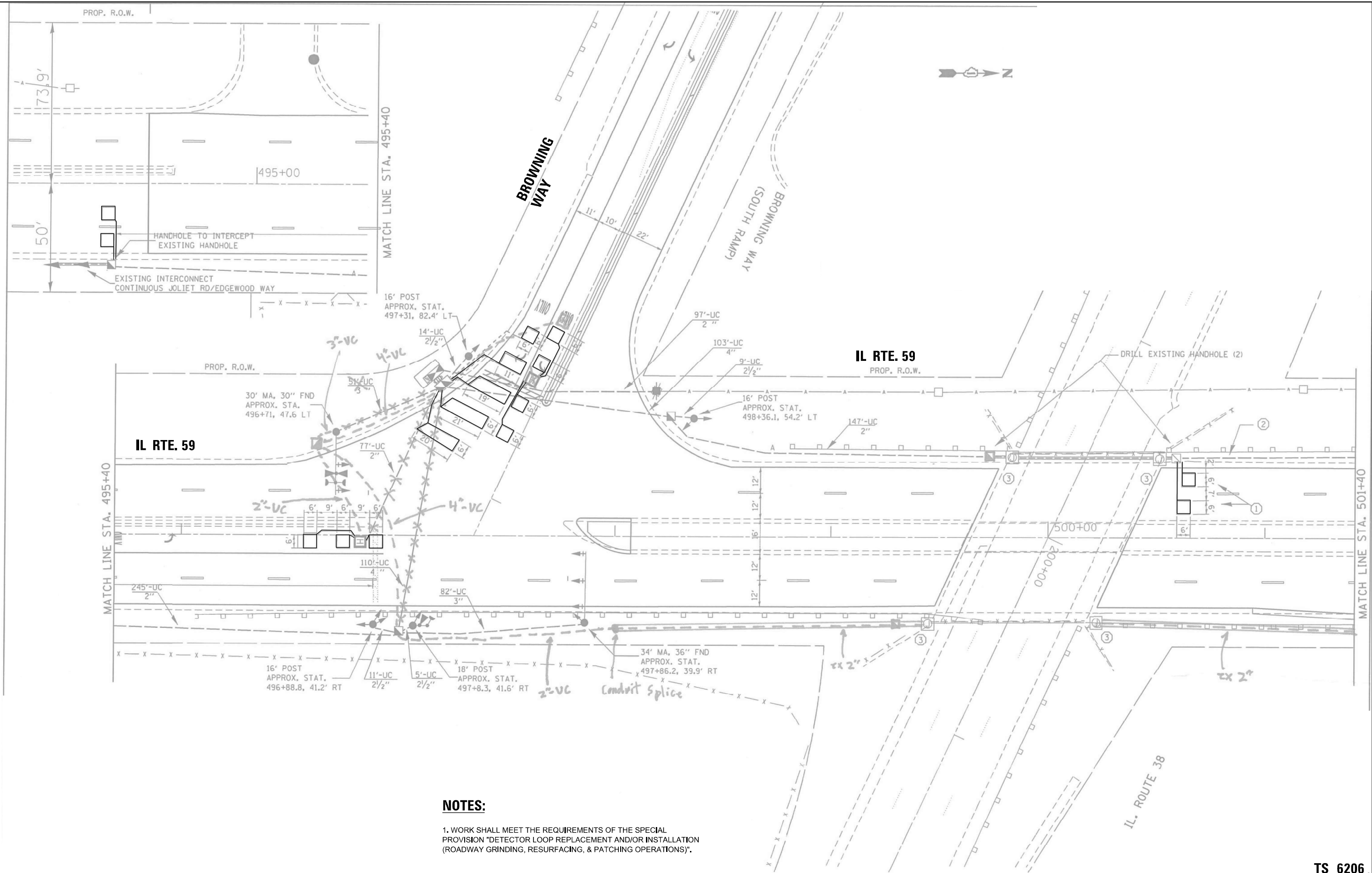
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0338	SECTION FAP 0338 22 RS	COUNTY	TOTAL SHEETS 78	SHEET NO. 63
ILLINOIS			FED. AID PROJECT	

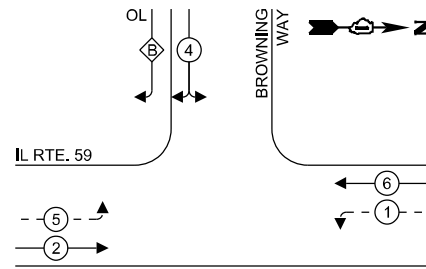
**TS 6206
 EAGLE 5A**

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS)".



PROPOSED CONTROLLER SEQUENCE



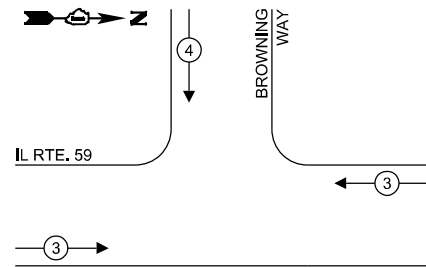
LEGEND:

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

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



FILE NAME: M:\2016\3\CHN18424500\DOT\180 - Various Traffic Signal Design\Graphics\24023_62110_6_6215862110\CAD\SET10_Sheet_09_IL_59_at_Browning.dgn

TS SHT NO. 26

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3 - SECTION	11	11	121
4 - SECTION	-	14	-
5 - SECTION	2	13	26
PROGRAMMABLE SIGNALS			
3 - SECTION	-	22	-
4 - SECTION	-	32	-
5 - SECTION	-	28	-
PED. SIGNAL			
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION			
RADAR	-	20	-
VIDEO	-	20	-
BLANK-OUT SIGN			
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =			322
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 =			927

ENERGY COSTS TO:
ILLINOIS DEPT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, IL 60196

ENERGY SUPPLY:
 CONTACT: NEW BUSINESS DEPT
 PHONE: (866) 639-3532
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: 05631-53211

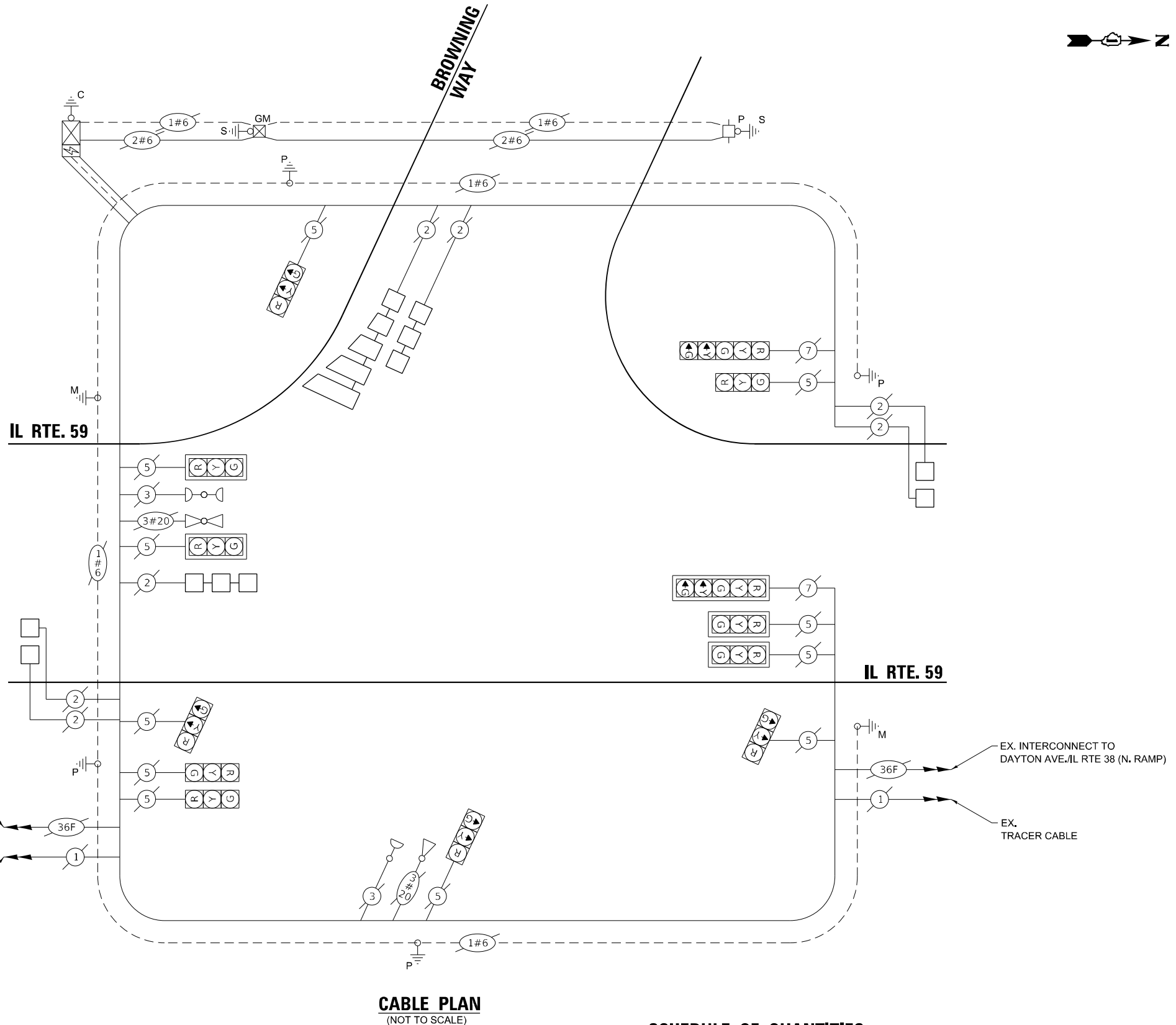
Sam Schwartz
 200 S. WACKER SUITE 1400 CHICAGO, IL 60606 TEL: (773) 305-0800

USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT DATE = 8/6/2024	CHECKED - PETER WOJTKIEWICZ	REVISED -
	DATE - 8/6/2024	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SUMMARY OF QUANTITIES
IL 59 AT BROWNING WAY (IL 38 SOUTH RAMP)

ITEM DESCRIPTION	UNITS	TOTAL QTY
DETECTOR LOOP REPLACEMENT	FOOT	637



CABLE PLAN
(NOT TO SCALE)

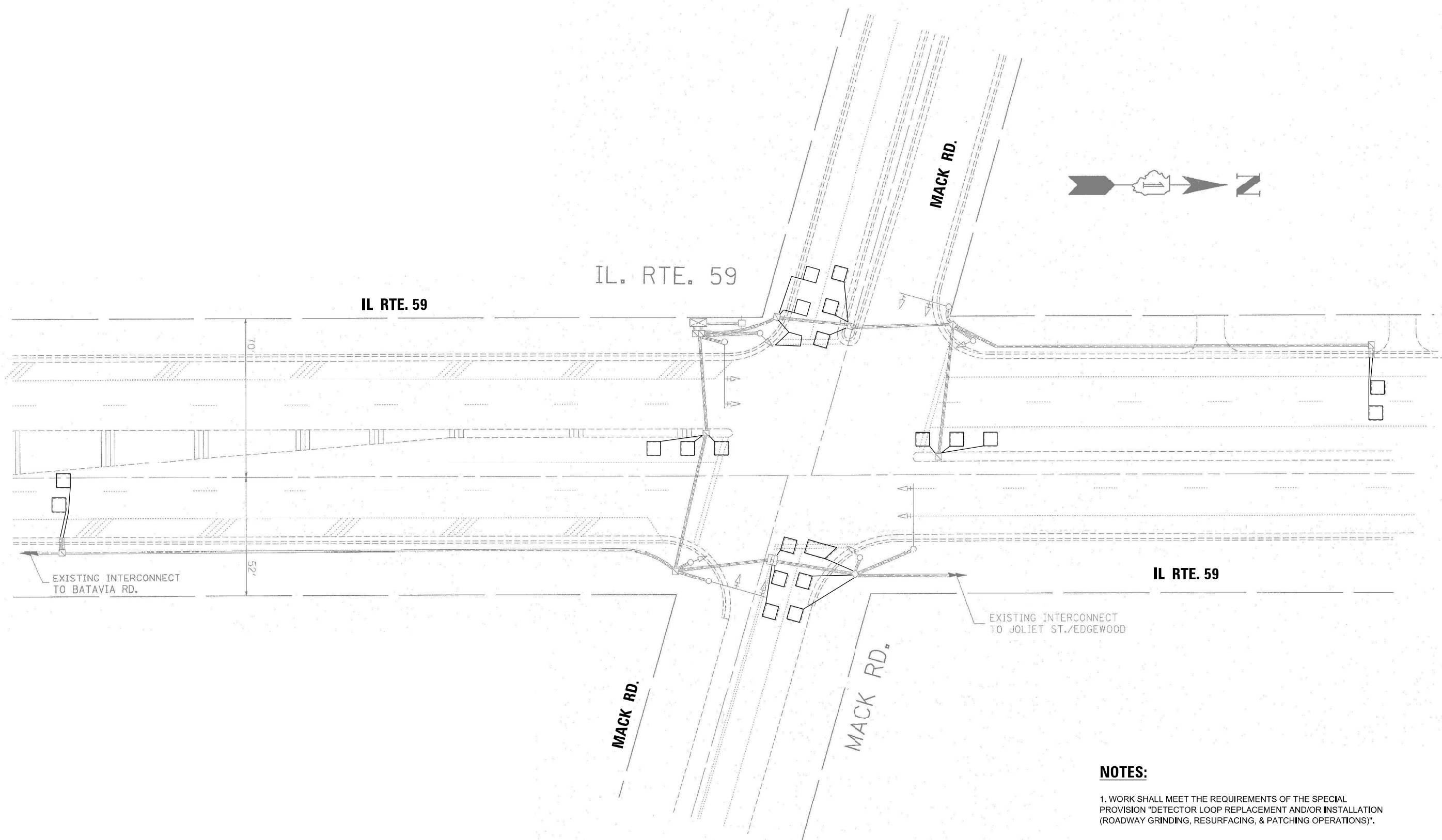
SCHEDULE OF QUANTITIES

TS 6206 EAGLE 5A

F.A.P. RTE. 0338	SECTION FAP 0338 22 RS	COUNTY	TOTAL SHEETS 78	SHEET NO. 64
ILLINOIS			FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.

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NOTES:
 1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS)".

TS 12021
 EAGLE 5A

Sam Schwartz
 200 S. WACKER
 SUITE 1400
 CHICAGO, IL 60606
 TEL: (773) 305-0800

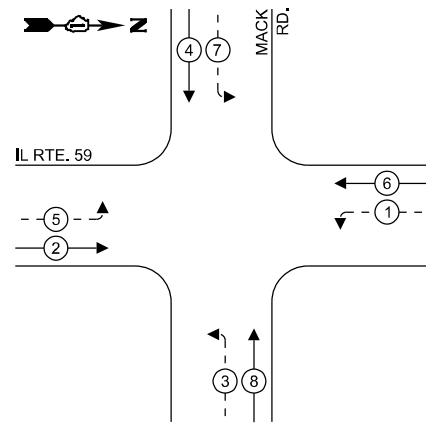
USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - PETER WOJTKIEWICZ	REVISED -
PLOT DATE = 8/6/2024	DATE - 8/6/2024	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN			
IL 59 AT MACK RD			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0338	FAP 0338 22 RS		78	65
CONTRACT NO. 62T10			ILLINOIS FED. AID PROJECT	

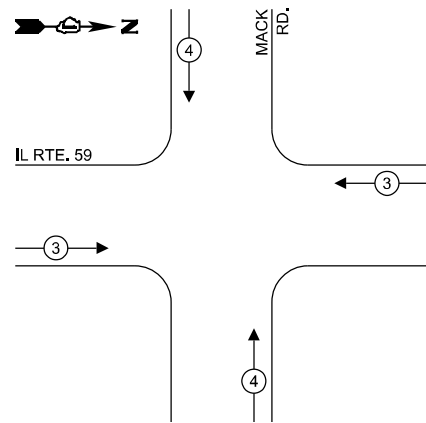
PROPOSED CONTROLLER SEQUENCE



LEGEND:

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

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



FILE NAME: M:\2019\3_Civil\24500 DDOT PFB 190 - Various Traffic Signs\Design\Graphic\NO 24500 62110 6215862110\CAD\SET10_Sheet-10_IL_59_at_Mack.dgn

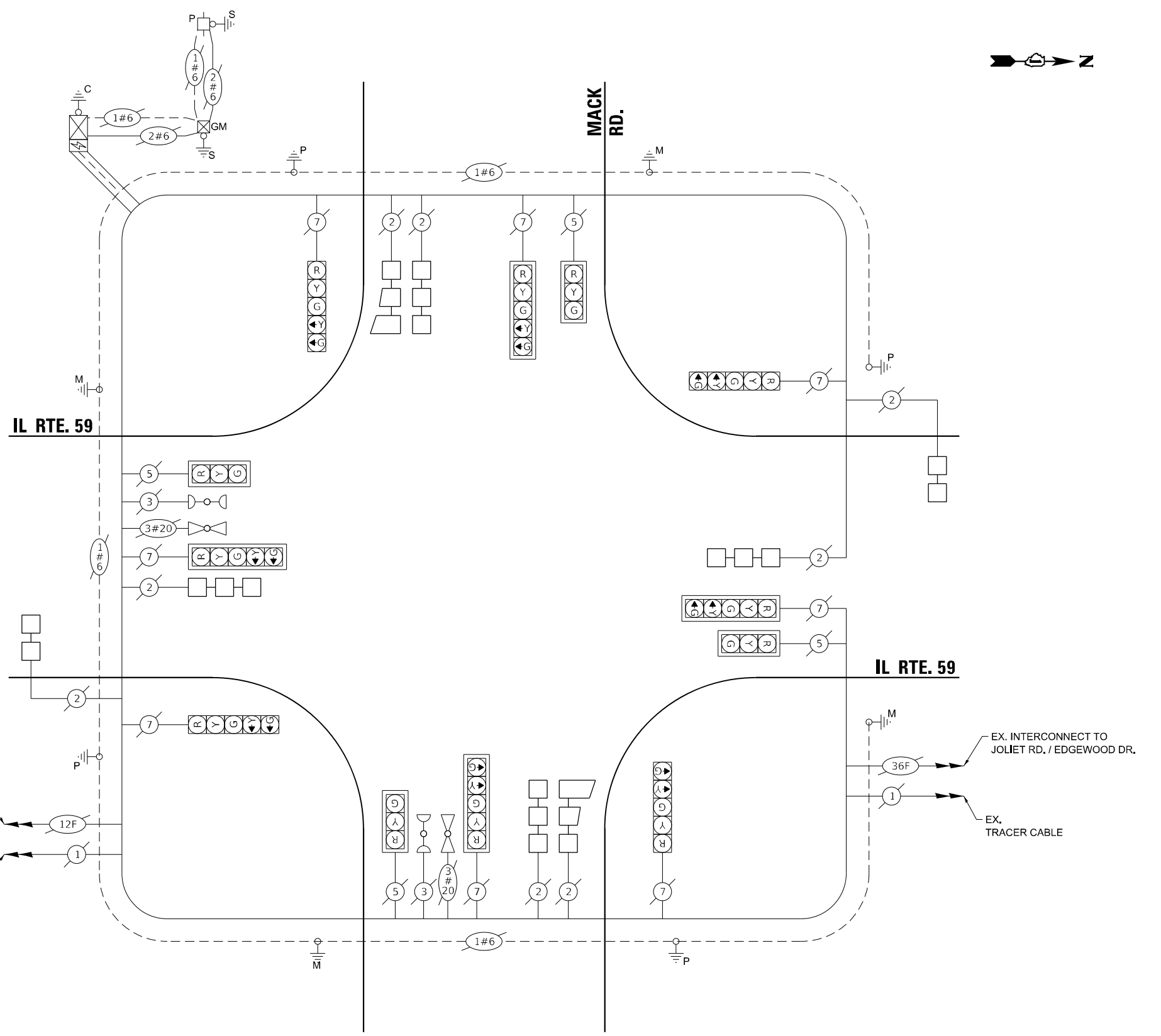
TS SHT NO. 28

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3 - SECTION	4	11	44
4 - SECTION	-	14	-
5 - SECTION	8	13	104
PROGRAMMABLE SIGNALS			
3 - SECTION	-	22	-
4 - SECTION	-	32	-
5 - SECTION	-	28	-
PED. SIGNAL			
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION			
RADAR	-	20	-
VIDEO	-	20	-
BLANK-OUT SIGN			
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =			323
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 =			928

ENERGY COSTS TO:
WARRENVILLE
 3S258 MANNING AVE
 WARRENVILLE, IL 60555

ENERGY SUPPLY:
 CONTACT: NEW BUSINESS DEPT
 PHONE: (866) 639-3532
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: 30870-77006



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
DETECTOR LOOP REPLACEMENT	FOOT	745

TS 12021
EAGLE 5A

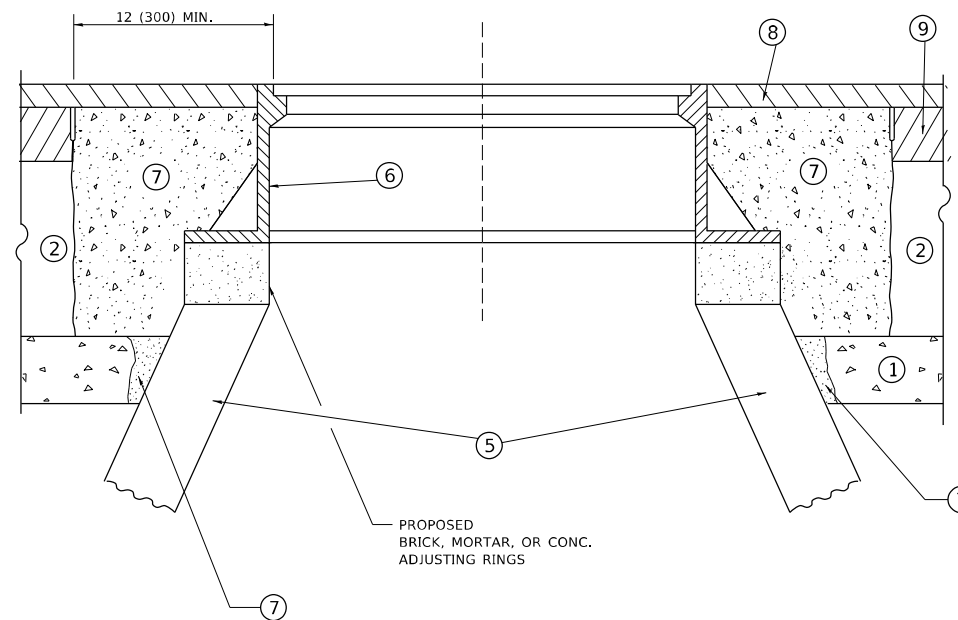
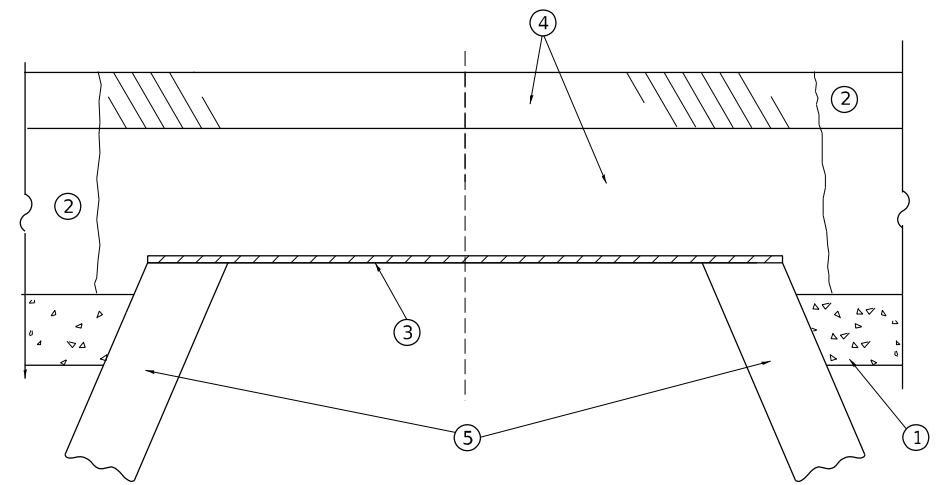
Sam Schwartz
 200 S. WACKER
 SUITE 1400
 CHICAGO, IL 60606
 TEL: (773) 305-0800

USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT DATE = 8/6/2024	CHECKED - PETER WOJTKIEWICZ	REVISED -
	DATE - 8/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SUMMARY OF QUANTITIES
IL 59 AT MACK RD

F.A.P. RTE. 0338	SECTION FAP 0338 22 RS	COUNTY DUPAGE	TOTAL SHEETS 78	SHEET NO. 66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T10	



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

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

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.

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USER NAME = yaseen.ureshi	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11
	DRAWN -	REVISED - R. BORO 12-06-11
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 8/15/2024	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

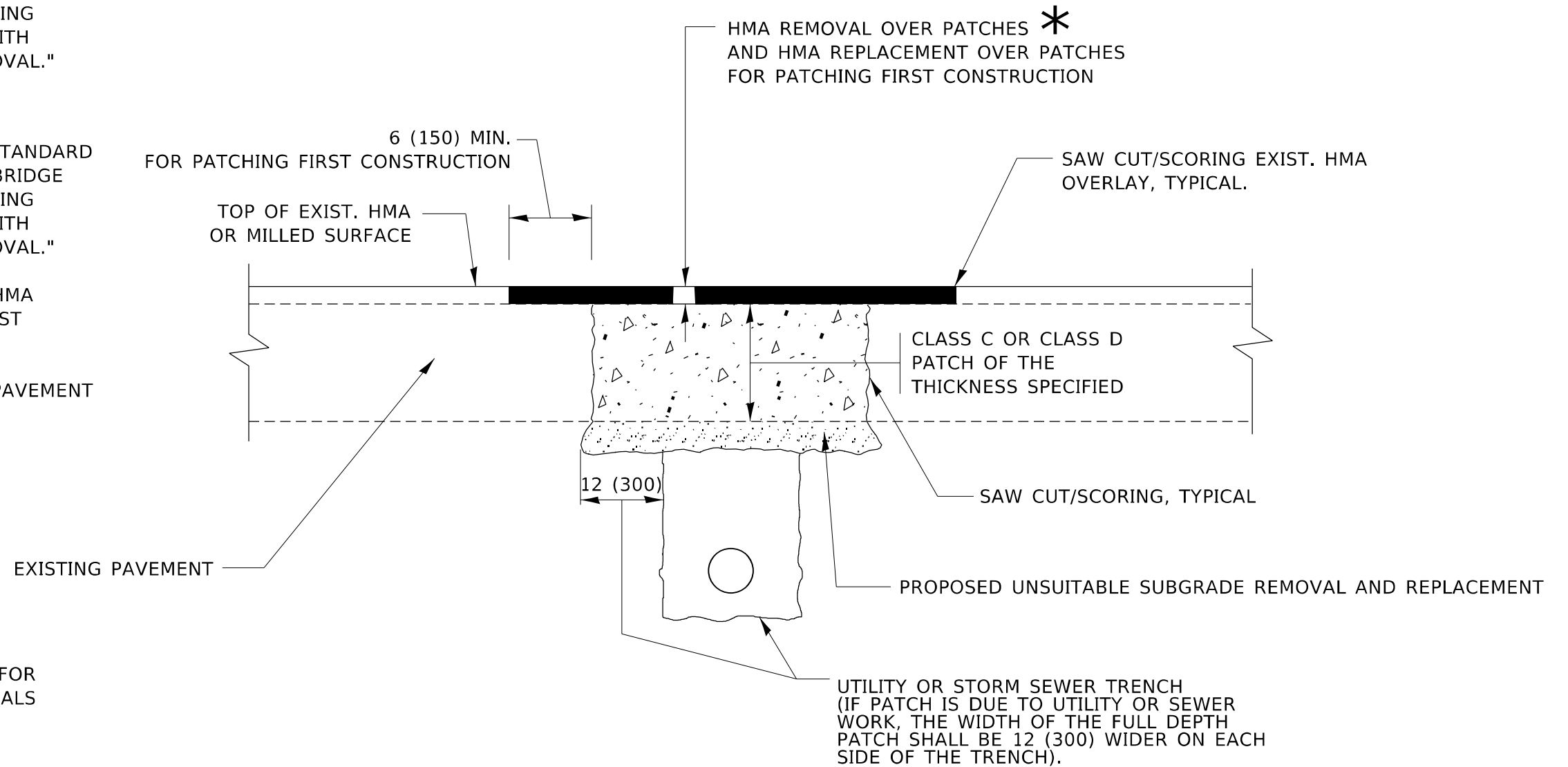
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338	FAP 338 22 RS	DUPAGE	78	67
BD600-03 (BD-08)			CONTRACT NO. 62T10	
ILLINOIS		FED. AID PROJECT		

METHOD OF MEASUREMENT

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

BASIS OF PAYMENT

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



* 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.

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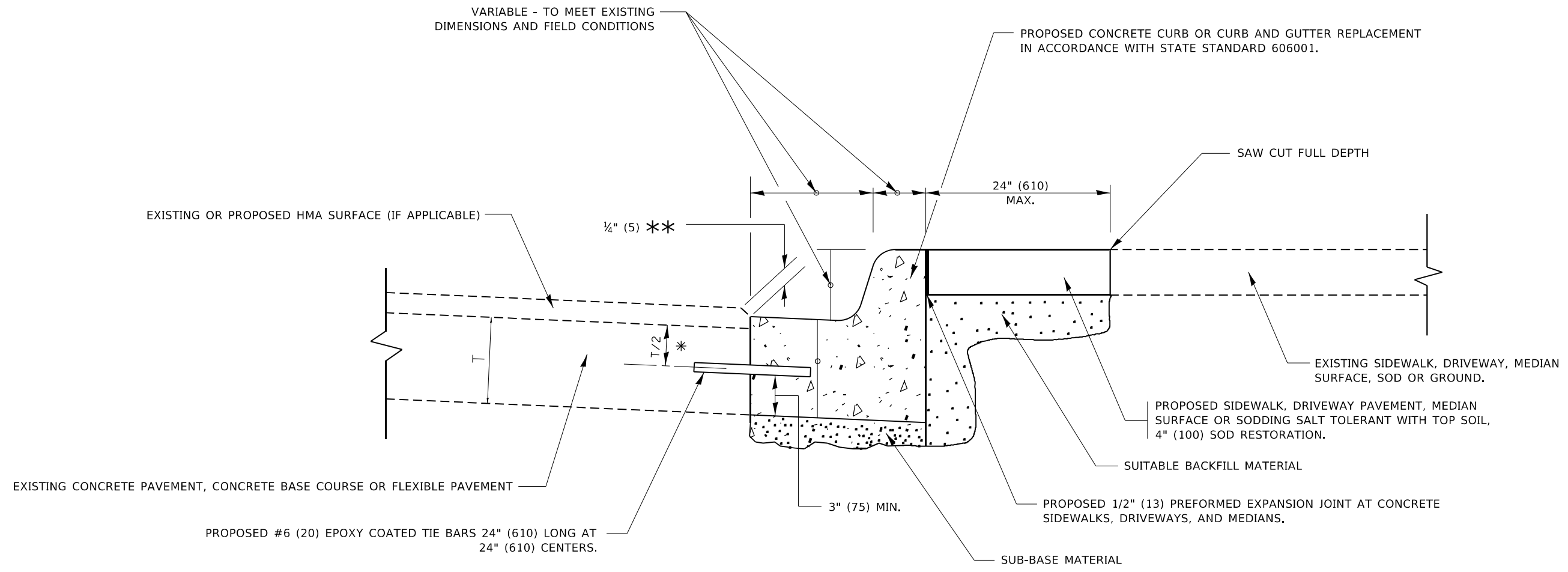
USER NAME = yaseen.ureshi	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
	DRAWN -	REVISED - R. BORO 09-04-07
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08
PLOT DATE = 8/15/2024	DATE - 10-25-94	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 338 22 RS	DUPAGE	78	68
BD400-04 (BD-22)			CONTRACT NO. 62T10	
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.

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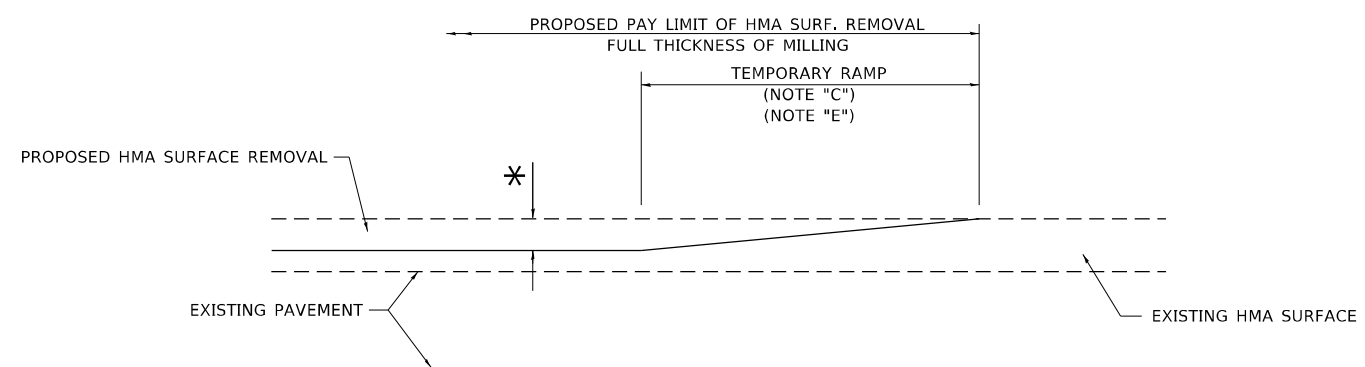
USER NAME = yaseen.ureshi	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - M. GOMEZ 01-22-01
PLOT DATE = 8/15/2024	DATE - 03-11-94	REVISED - R. BORO 12-15-09
		REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT**

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

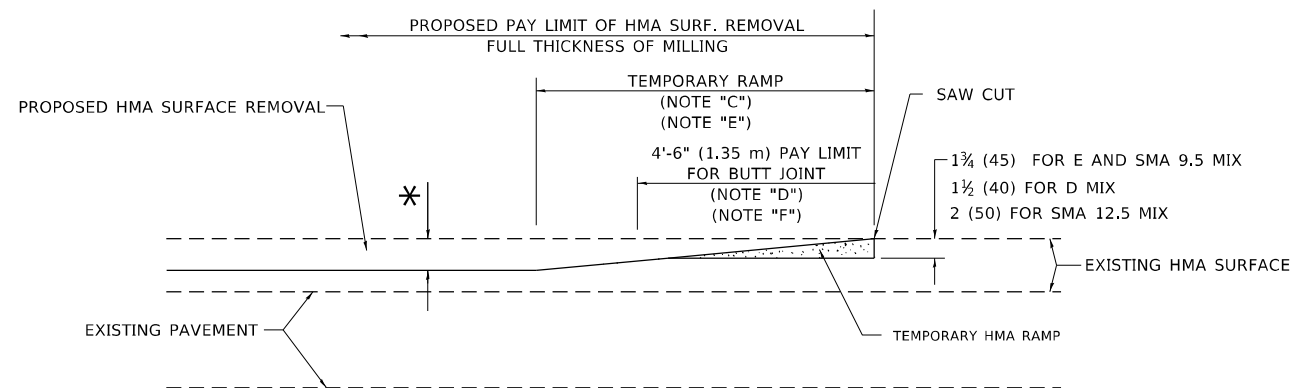
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338	FAP 338 22 RS	DUPAGE	78	69
BD600-06 (BD-24)			CONTRACT NO. 62T10	
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

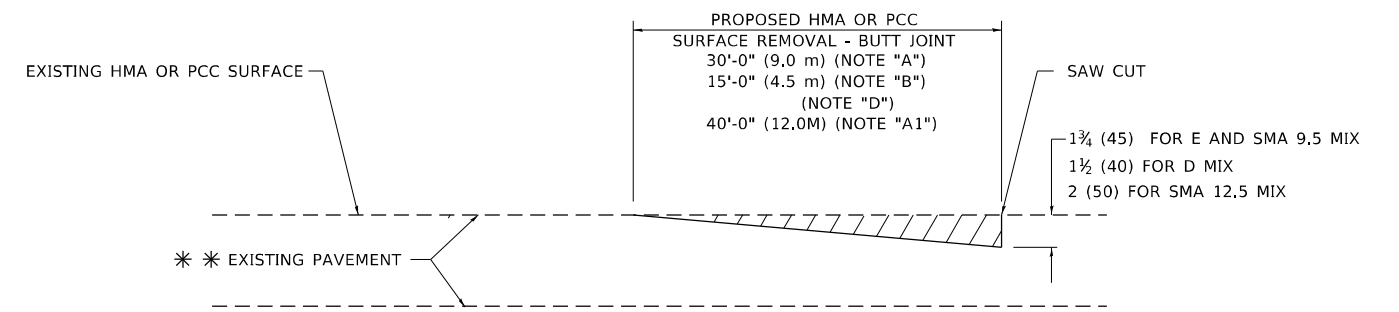


HMA CONSTRUCTED TEMPORARY RAMP

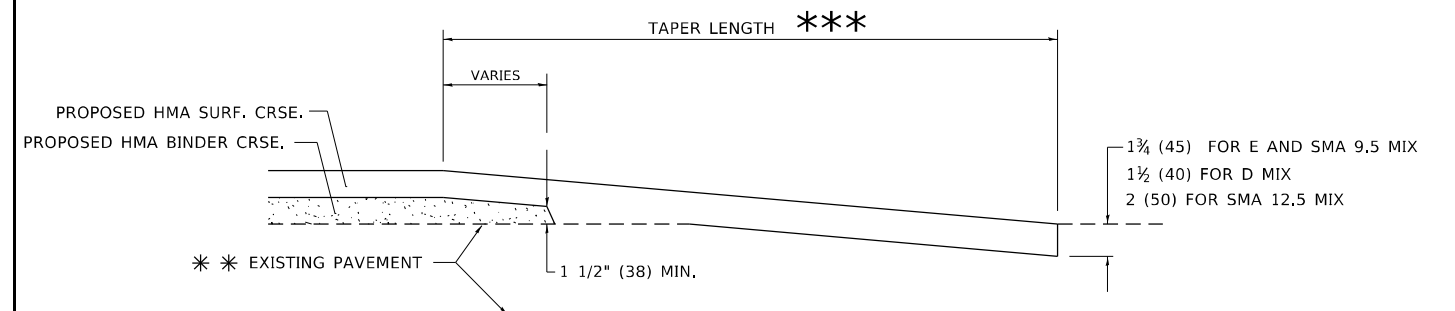
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

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.

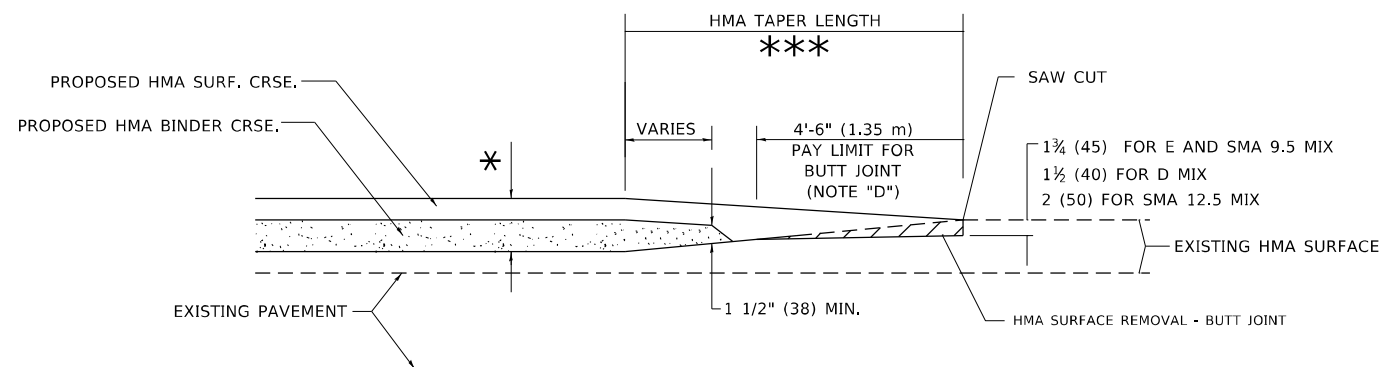
GENERAL NOTES

- 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.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

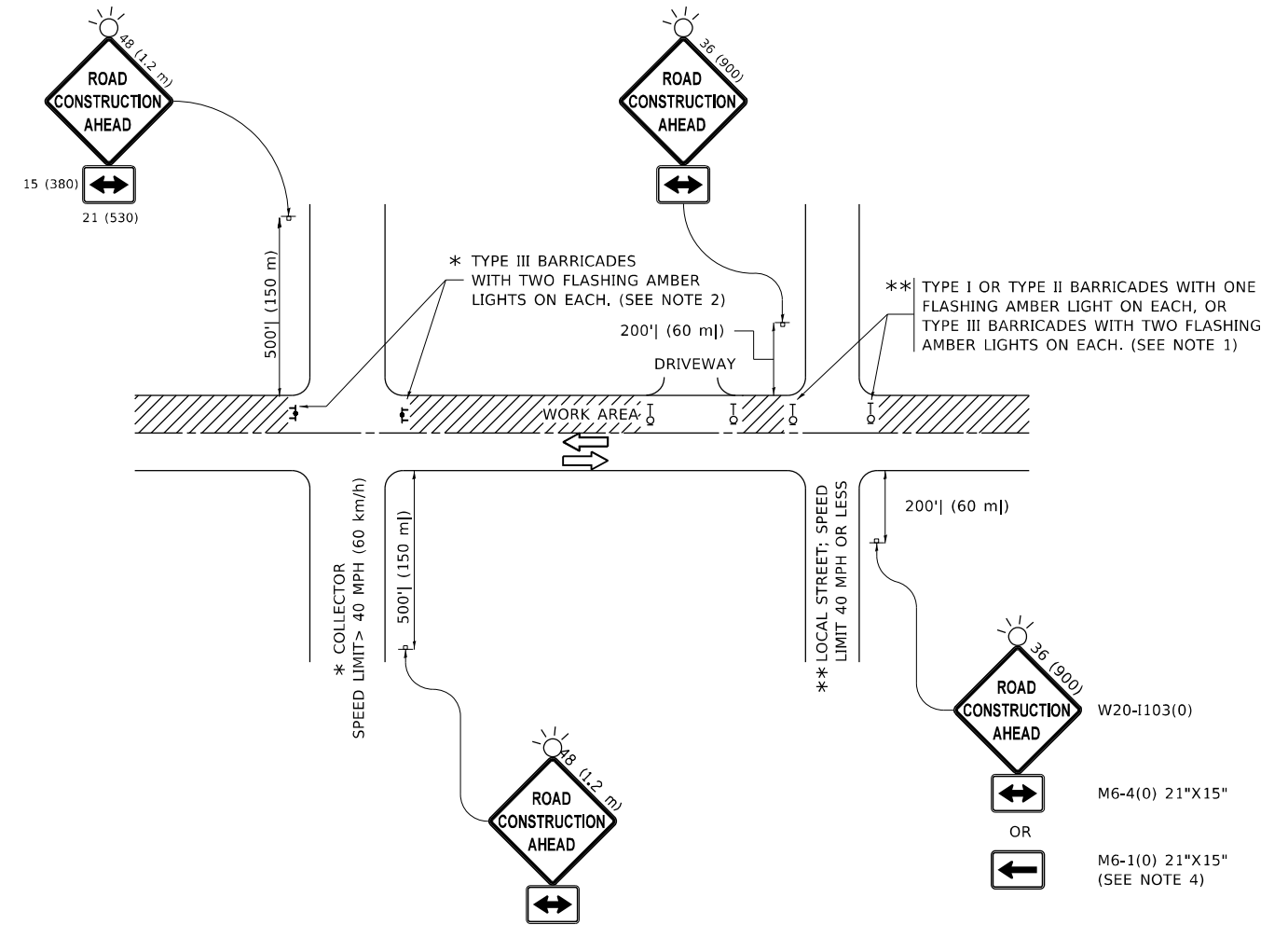
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USER NAME = yaseen.ureshi	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 8/15/2024	DATE - 06-13-90	REVISED - R. BORO 01-01-07
		REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 338 22 RS	DUPAGE	78	70
BD400-05 BD-32			CONTRACT NO. 62T10	
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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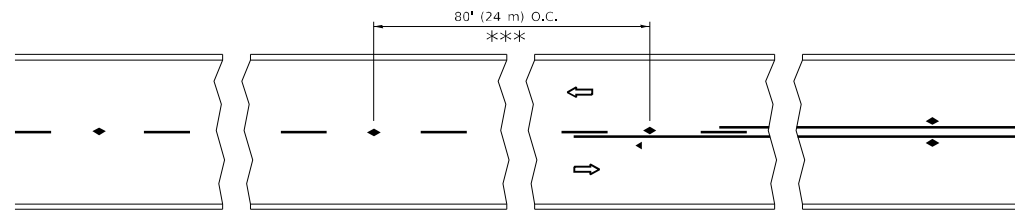
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 8/15/2024	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16
		REVISED - D. SENDERAK 05-03-24

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

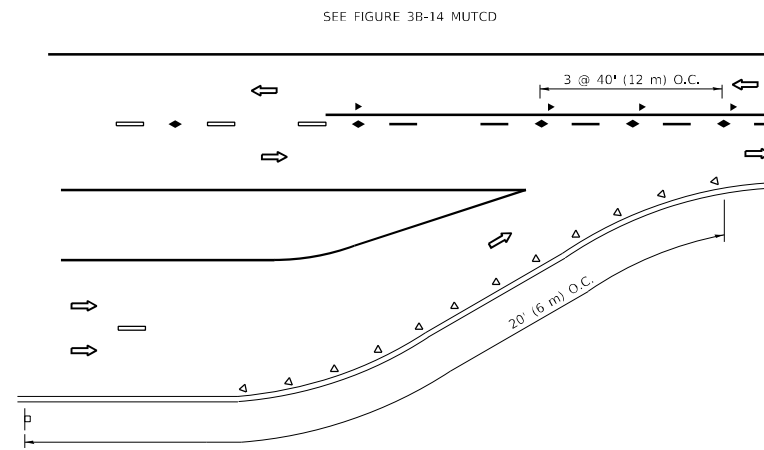
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 62T10	
ILLINOIS FED. AID PROJECT				

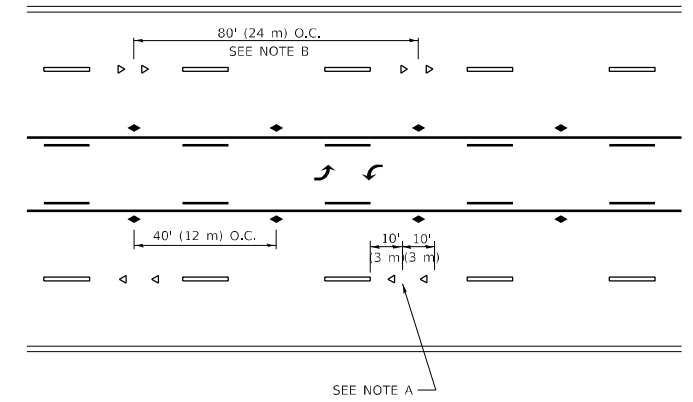


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

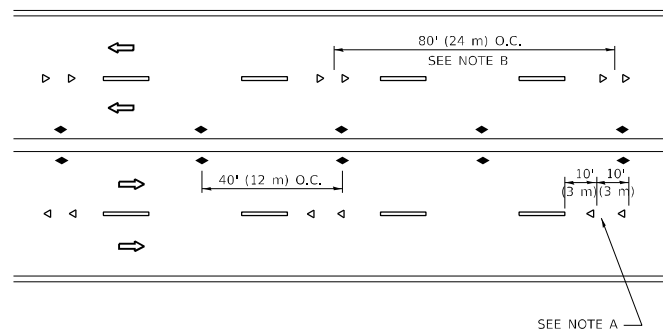
TWO-LANE/TWO-WAY



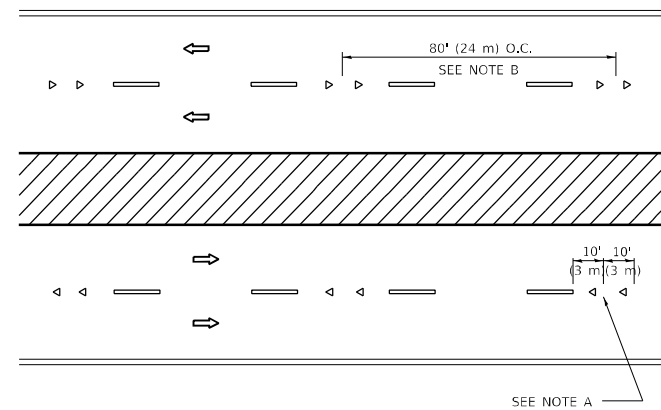
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



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

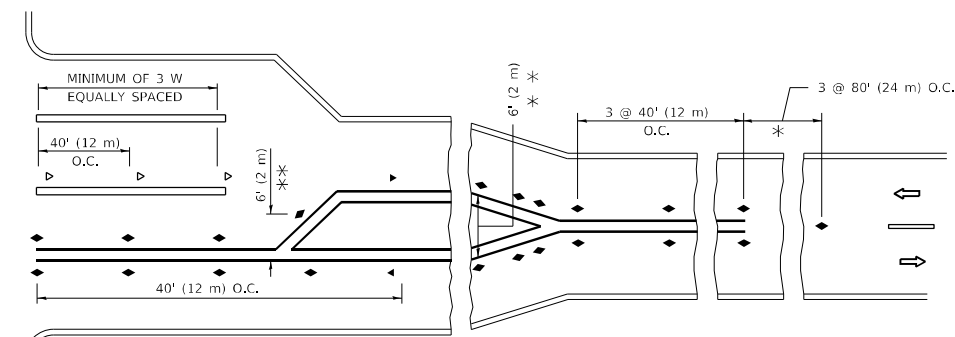
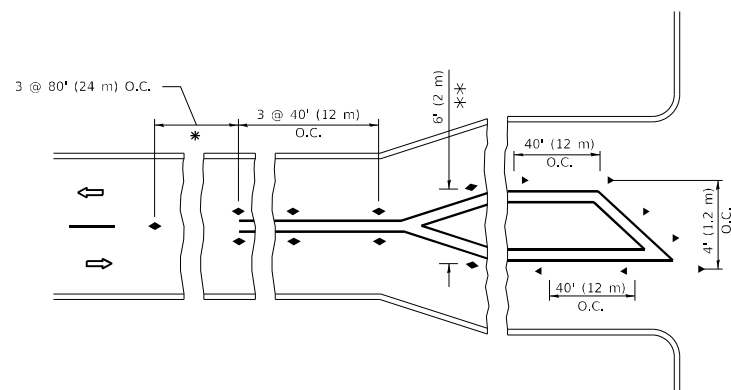
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.



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

TURN LANES

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

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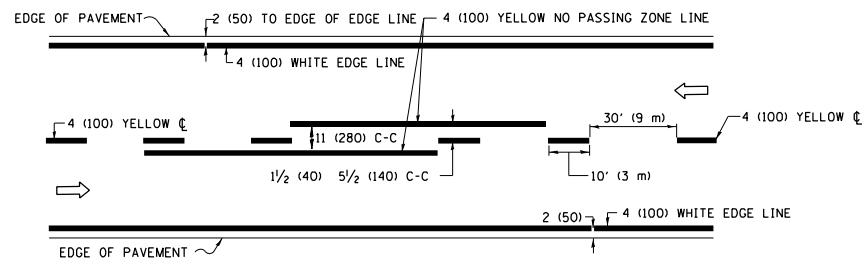
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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = 8/15/2024	CHECKED -	REVISED - C. JUCIUS 09-09-09
	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

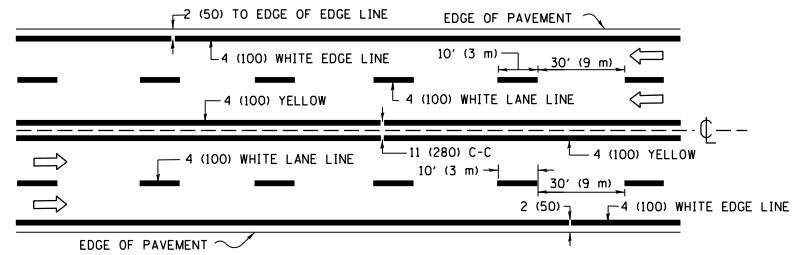
**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

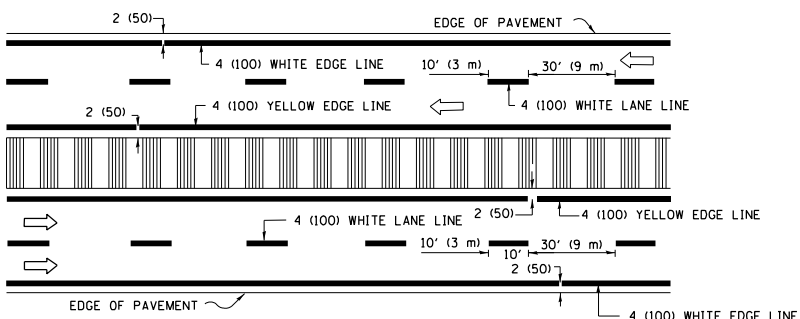
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TC-11		CONTRACT NO. 62T10		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

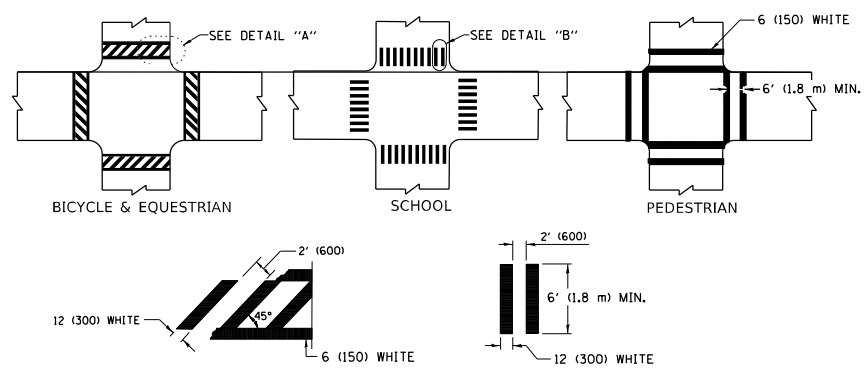


MULTI-LANE UNDIVIDED



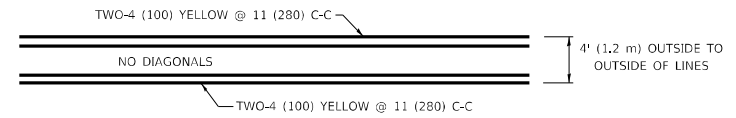
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

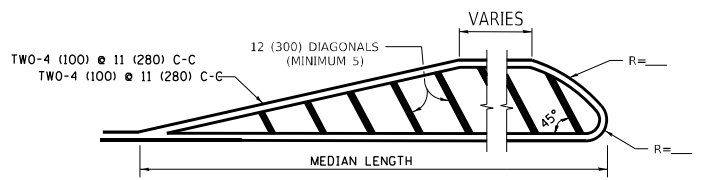


TYPICAL CROSSWALK MARKING

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



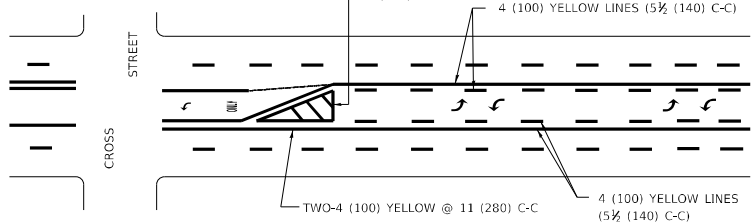
4' (1.2 m) WIDE MEDIANS ONLY



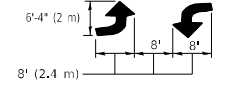
MEDIANS OVER 4' (1.2 m) WIDE

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

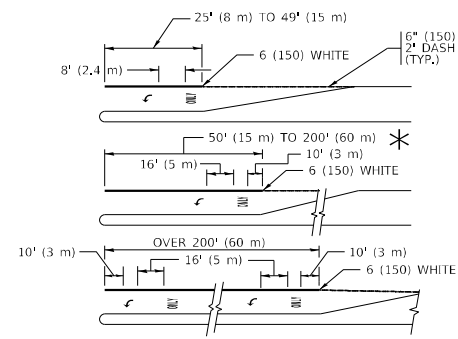
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



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



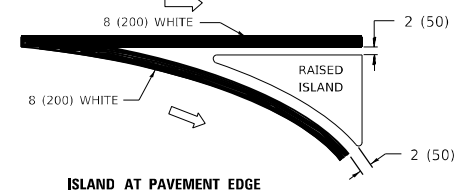
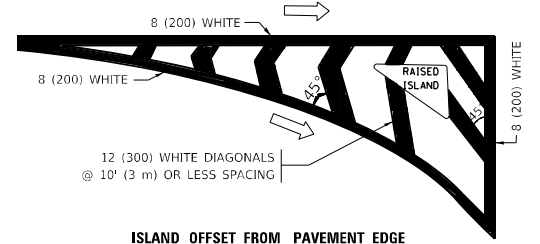
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



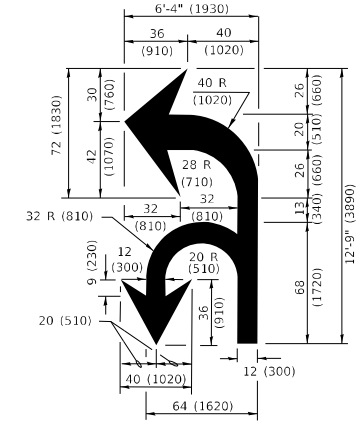
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

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

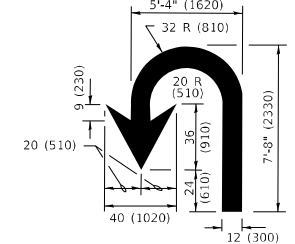
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. 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 ≥ 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.

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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 8/15/2024	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 338 22 RS	DUPAGE	78	73
TC-13		CONTRACT NO. 62T10		
		ILLINOIS	FED. AID PROJECT	

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

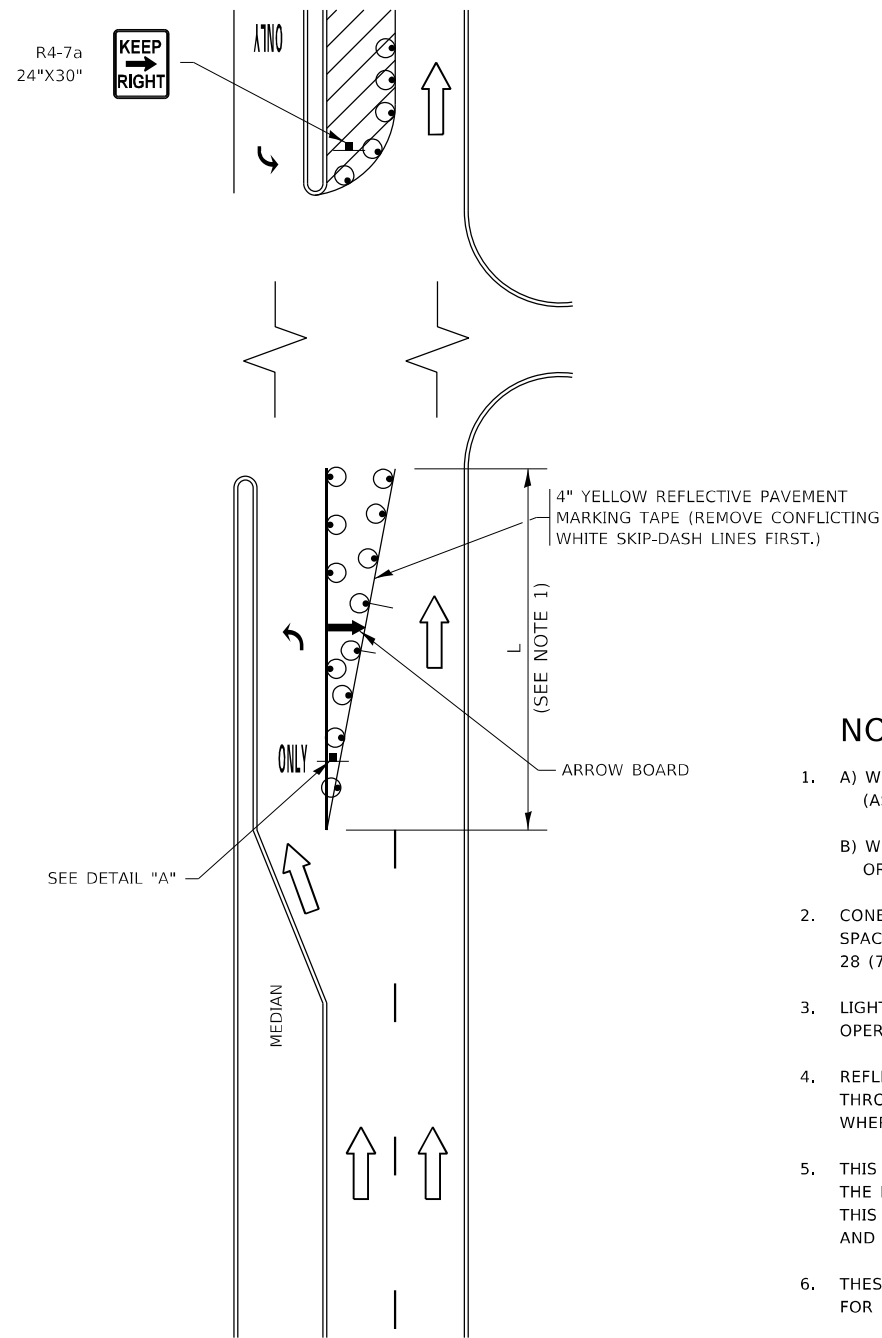
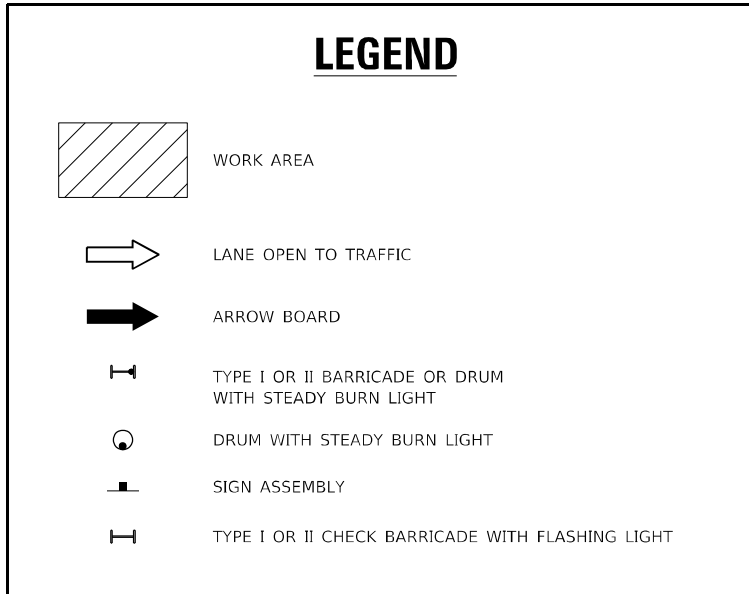


FIGURE 1



NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
 B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
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" R3-1100R 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 REQUIREMENTS.
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.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

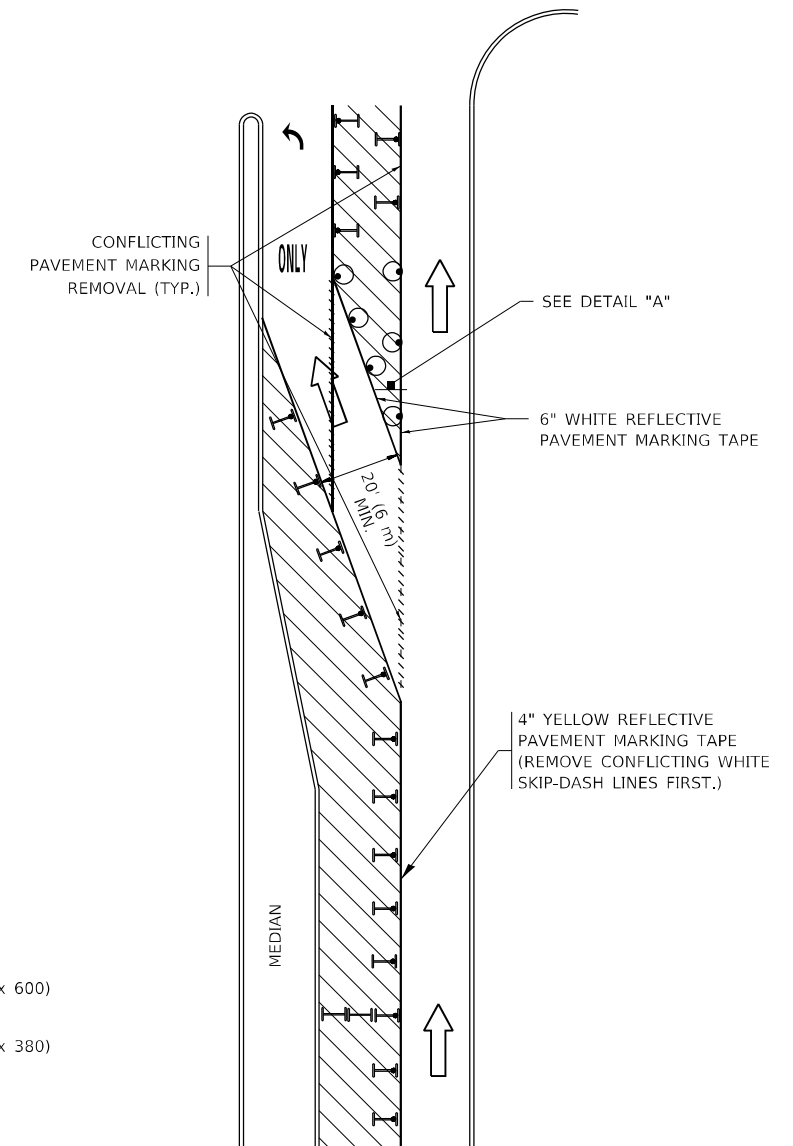
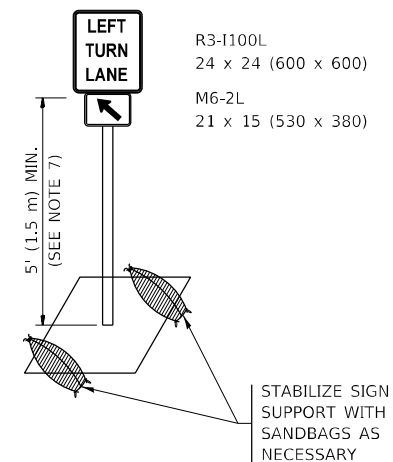


FIGURE 2



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

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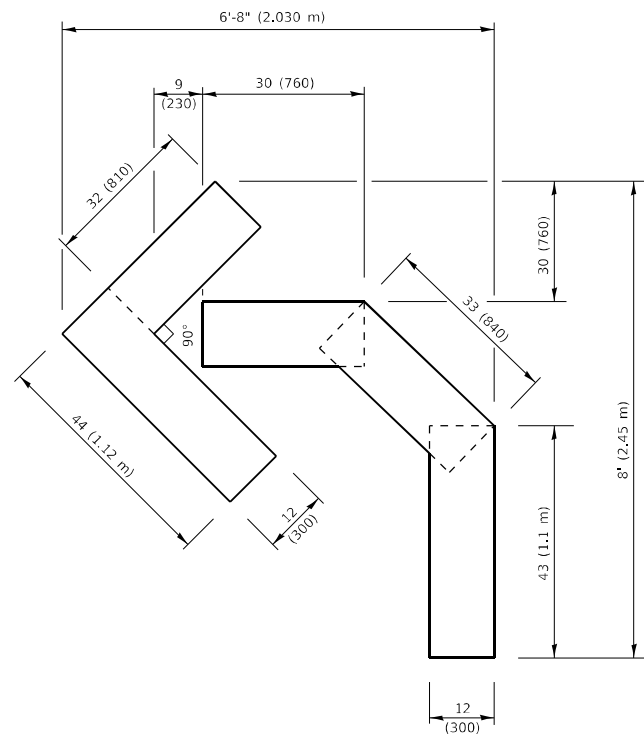
USER NAME = yaseen.ureshi	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
DRAWN - A. HOUSEH 11-07-95	REVISOR - A. SCHUETZE 07-01-13	
PLOT SCALE = 100,0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 8/15/2024	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

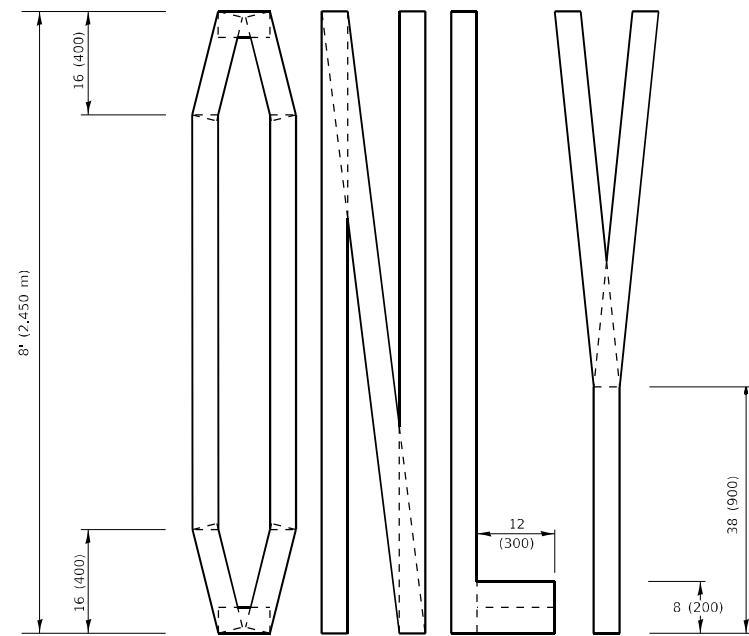
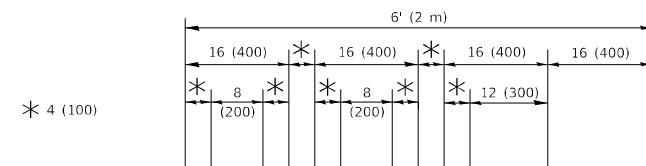
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 338 22 RS	DUPAGE	78	74
TC-14			CONTRACT NO. 62T10	
ILLINOIS FED. AID PROJECT				



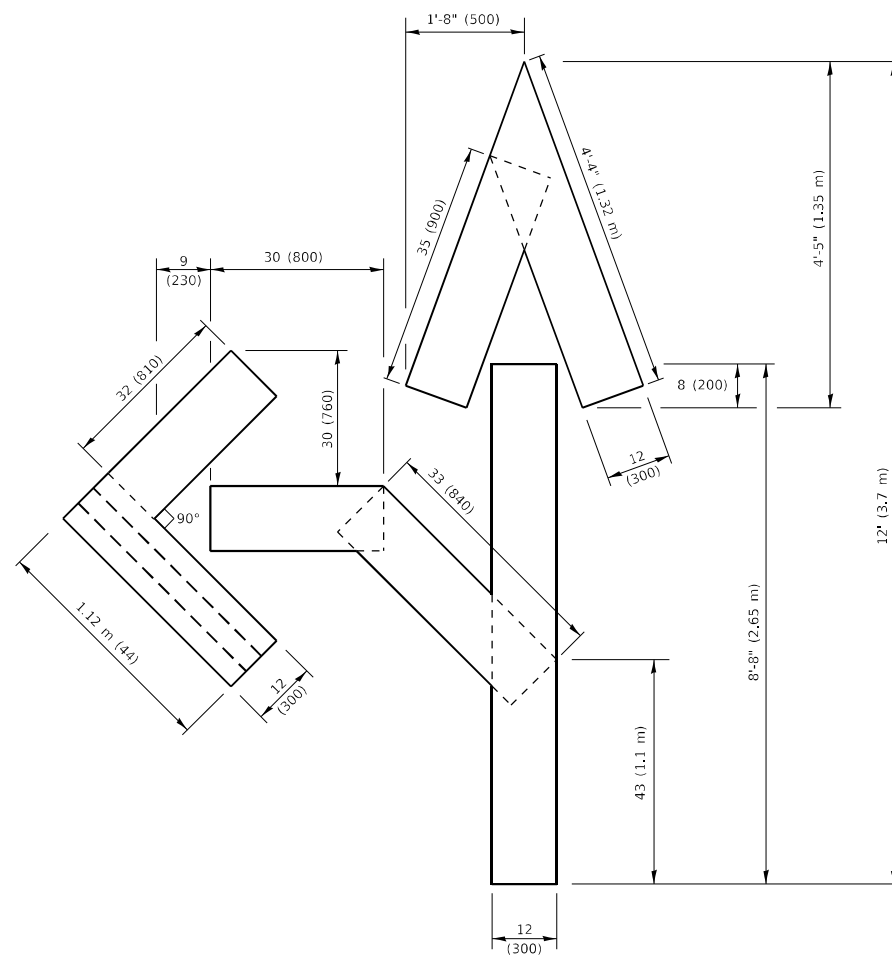
QUANTITY

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)

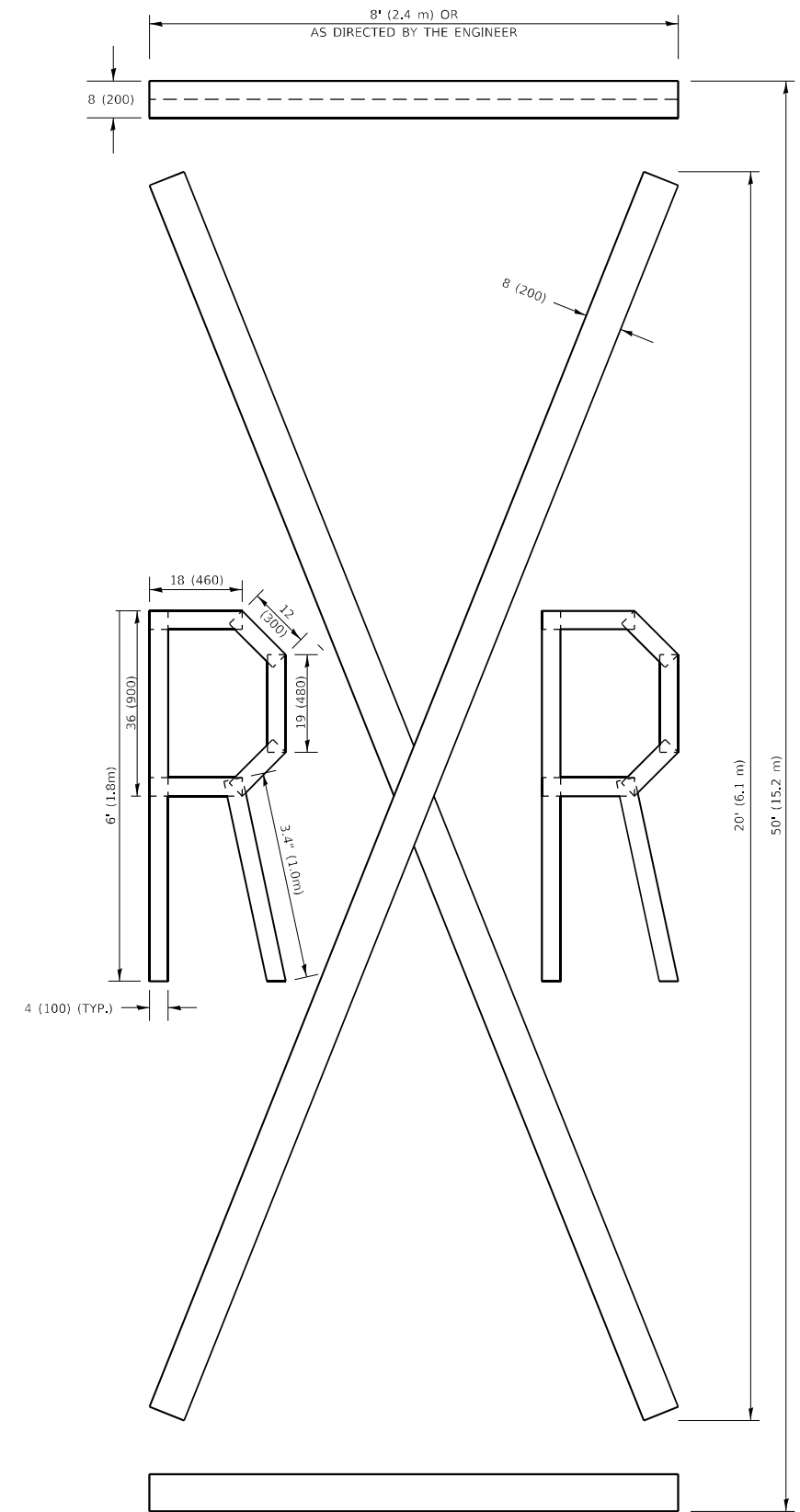


QUANTITY

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.

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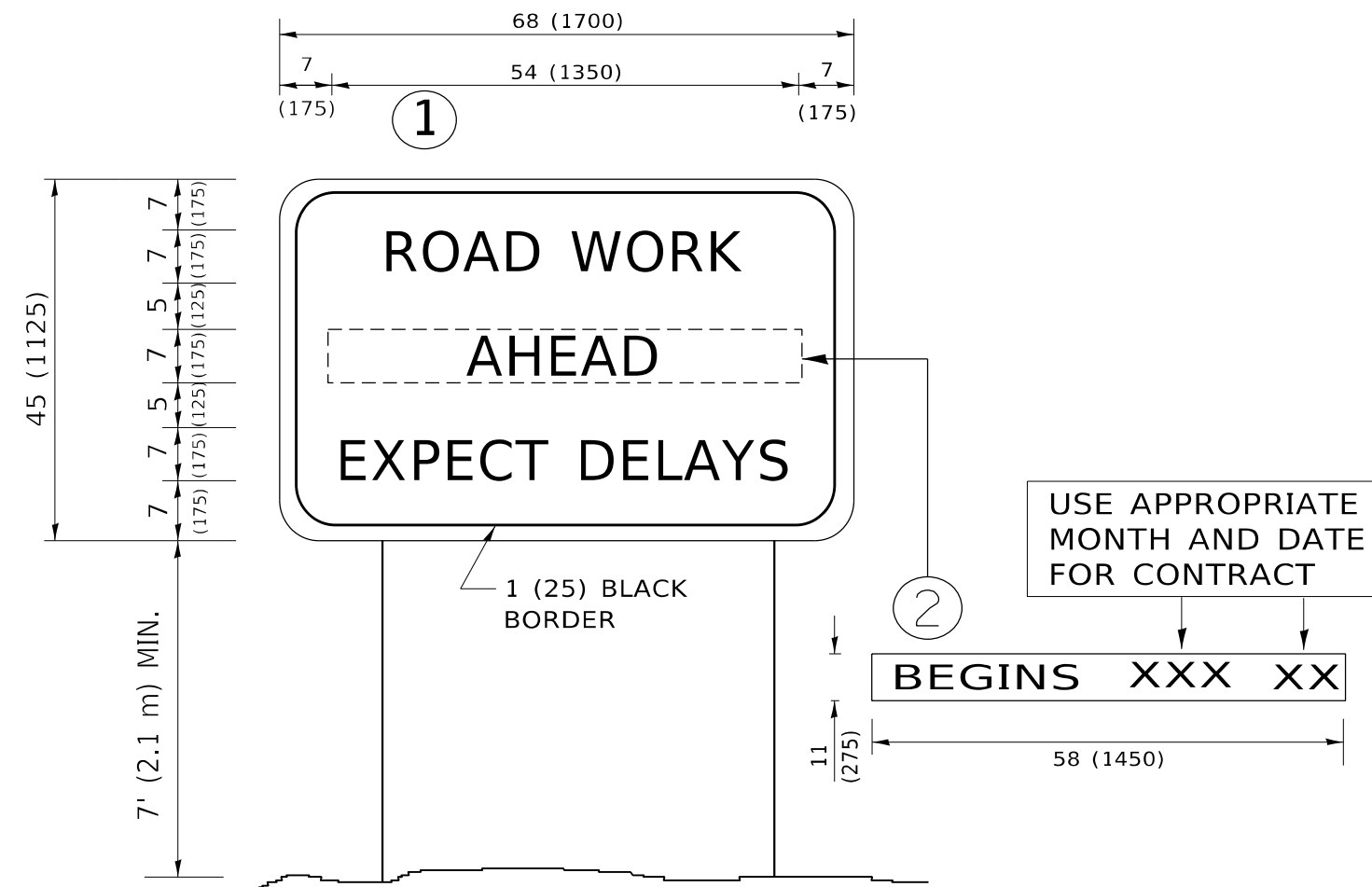
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PLOT SCALE = 100,0010 ' / in.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 8/15/2024	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 338 22 RS	DUPAGE	78	75
TC-16			CONTRACT NO. 62T10	
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.

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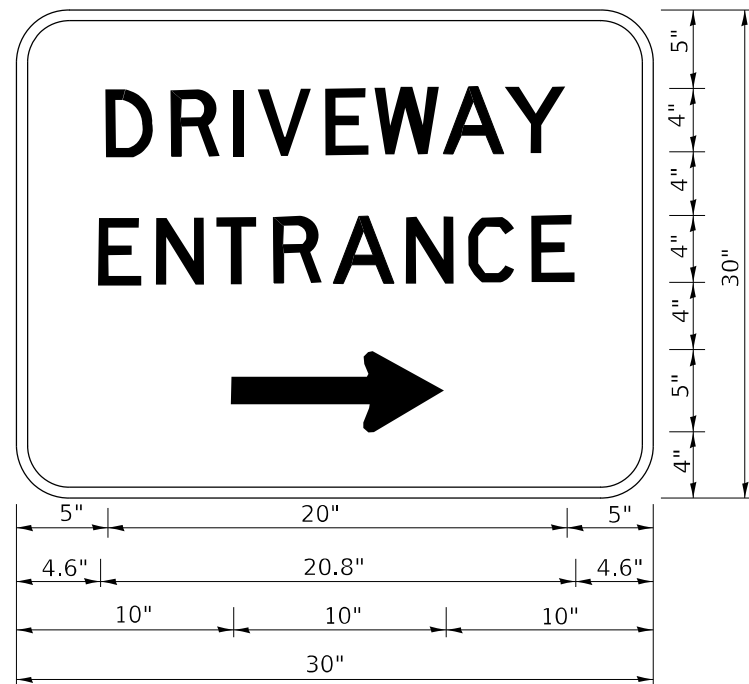
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PLOT DATE = 8/15/2024	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 338 22 RS	DUPAGE	78	76
TC-22			CONTRACT NO. 62T10	
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".

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USER NAME = yaseen.ureshi	DESIGNED -	REVISED - C. JUCIUS 02-15-07
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/15/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

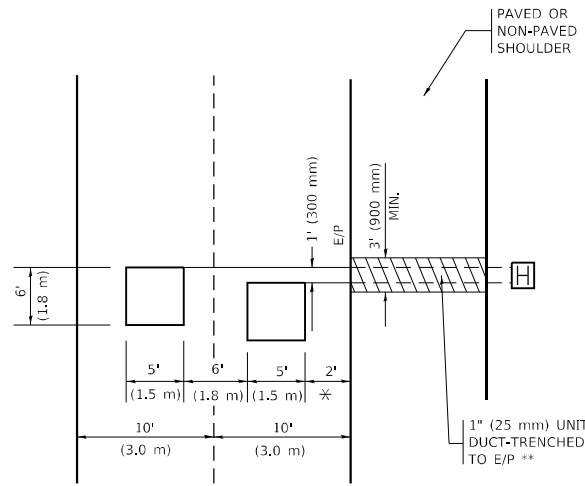
DRIVEWAY ENTRANCE SIGNING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 338 22 RS	DUPAGE	78	77
TC-26			CONTRACT NO. 62T10	
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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

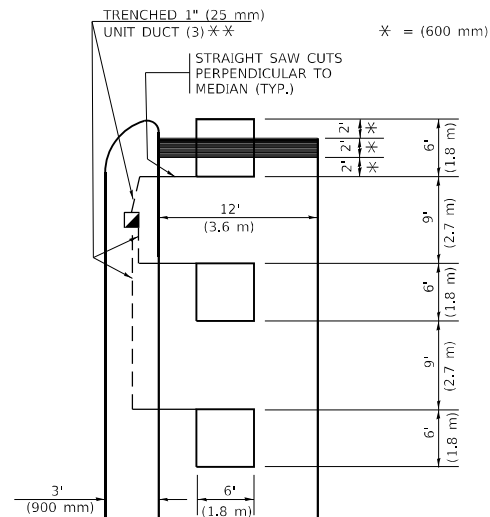


* = (600 mm)

** 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.

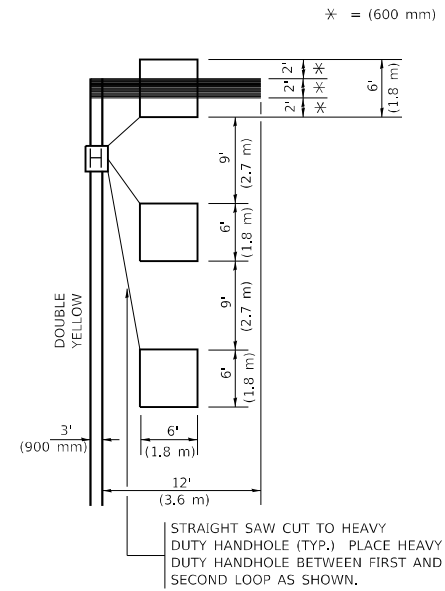


* = (600 mm)

** 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)



* = (600 mm)

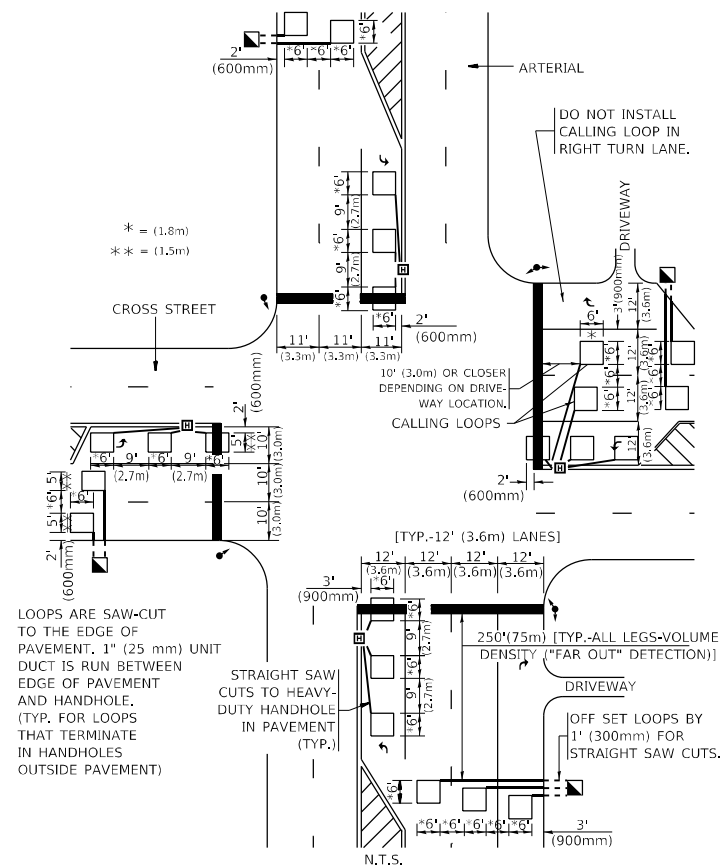
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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.

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



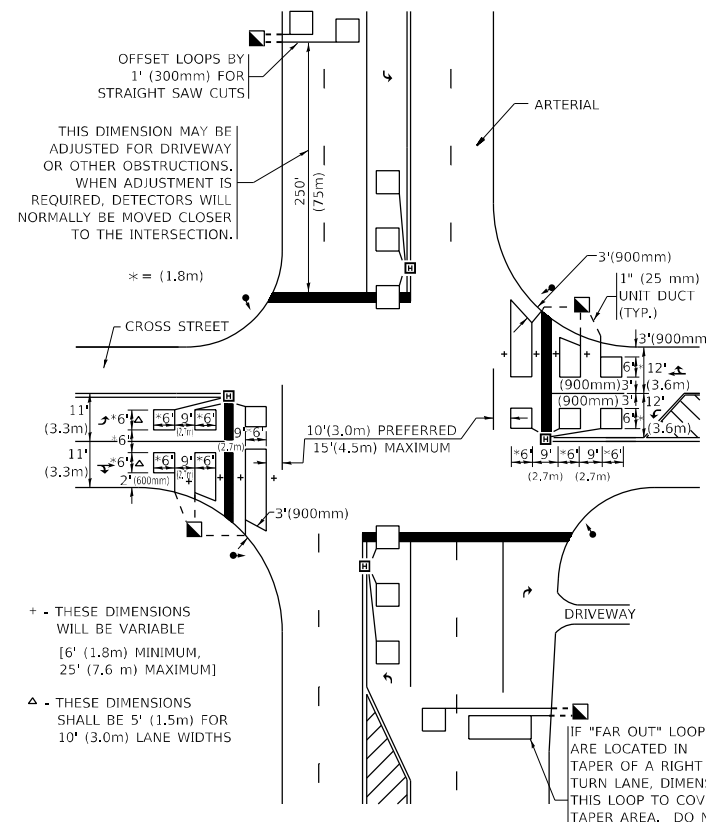
* = (1.8m)
 ** = (1.5m)

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

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

DETAIL 1
 N.T.S.

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



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

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

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

DETAIL 2
 N.T.S.

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.

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USER NAME = yaseen.ureshi	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/15/2024	CHECKED - R.K.F.	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DETAILS FOR ROADWAY RESURFACING		338	FAP 338 22 RS	DUPAGE	78	78
SCALE: NONE		SHEET 1 OF 1 SHEETS		STA. TO STA.	CONTRACT NO. 62T10	
		ILLINOIS		FED. AID PROJECT		