

1 COVER SHEET
 2 GENERAL NOTES, STATE STANDARDS, AND PROJECT DETAILS
 3-4 SUMMARY OF QUANTITIES
 5-8 TYPICAL SECTIONS
 9-10 SCHEDULE OF QUANTITIES
 11 ALIGNMENT, TIES, AND BENCHMARKS
 12-15 PLAN AND PROFILE
 16-21 INTERSECTION PLAN
 22-24 PROPOSED STRIPING AND SIGNAGE PLAN
 25-26 SIGNAGE DETAIL
 27-28 LIGHTING PLAN
 29 WIRING DIAGRAM
 30 BD-01 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)
 31 BD-02 DRIVEWAY DETAILS DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)
 32 BE-215 LIGHTING CONTROLLER SINGLE DOOR
 33 BE-702 MISC. ELECTRICAL DETAILS SHEET A
 34 TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
 35 TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
 36-44 CROSS SECTIONS

FOR INDEX OF HIGHWAY STANDARDS SEE SHEET NO. 2

DESIGN DESIGNATION: ON-STREET/OFF-STREET BIKE ROUTE

TRAFFIC DATA

DOUGLAS AVENUE
 MINOR URBAN ARTERIAL
 ADT 3050 VPD (2010)
 POSTED SPEED 30 MPH

SLADE AVENUE
 LOCAL ROAD
 POSTED SPEED 30 MPH

PROSPECT BOULEVARD
 LOCAL ROAD
 UNPOSTED SPEED 30MPH

CONGDON AVENUE
 MINOR URBAN ARTERIAL
 ADT 1550 VPD (2010)
 POSTED SPEED 30 MPH (WEST OF DUNDEE AVENUE)
 ADT 9000 VPD (2010)
 POSTED SPEED 35 MPH (EAST OF DUNDEE AVENUE)

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED PLANS FOR
 FEDERAL AID BIKE ROUTE**

**ELGIN BIKEWAY ROUTE 1 NE
 DOUGLAS AVENUE AND KIMBALL STREET TO
 CONGDON AVENUE AND INDIAN DRIVE**

**SECTION 09-00175-00-BT
 PROJECT CMM-9003(233)
 CITY OF ELGIN
 KANE COUNTY
 JOB NO: C-91-304-09**

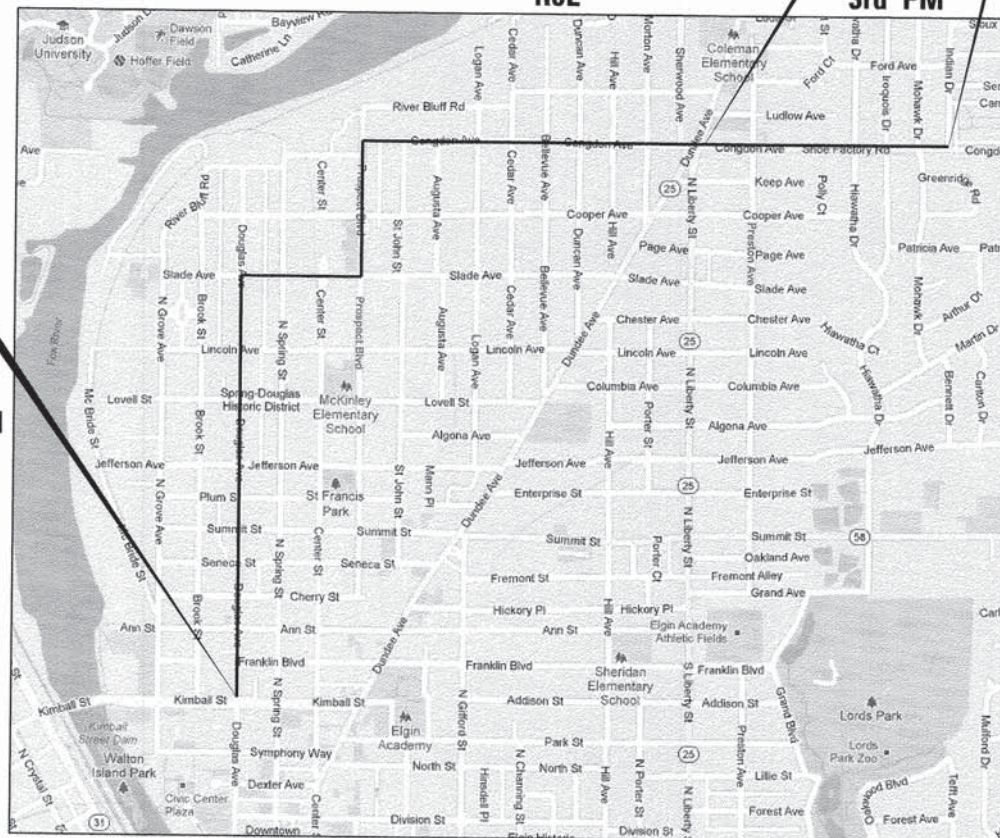
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	1
FED. ROAD DIST. NO. 7		ILLINOIS	CONTRACT NO. 63871	



**PROJECT BEGINS
 KIMBALL STREET AND
 DOUGLAS AVENUE**

**PROJECT BEGINS
 CONGDON AVENUE
 AND PRESTON AVENUE
 STA 50+17.53**

**PROJECT ENDS
 CONGDON AVENUE
 AND INDIAN DRIVE
 STA 69+56.68**



L. Beugnet 9/20/13
 LOUIS G. BEUGNET, P.E.
 NO. 062-050843
 EXP. DATE 11/30/13
 (SHEET NOS. 27 TO 29)



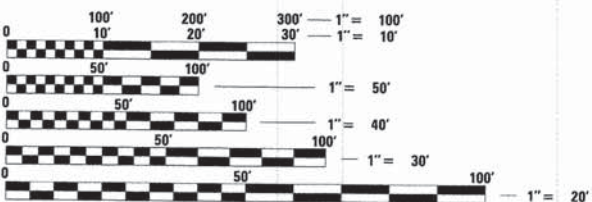
E. Neubauber 10/4/13
 ERIC S. NEUBAUER, P.E.
 NO. 062-059188
 EXP. DATE 11/30/13
 ALL REMAINING SHEETS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED ON OCTOBER 25, 2013
[Signature]
 CITY OF ELGIN,

PASSED OCTOBER 30, 2013
[Signature]
 DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
 BASED ON LIMITED
 REVIEW November 1, 2013
[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER



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

CONTRACT NO. 63871

**ELGIN TOWNSHIP
 T41N, R8E SECTIONS 7, 11, 12, 14**

**LOCATION MAP
 NOT TO SCALE
 PROJECT GROSS AND NET LENGTH =
 12,450 FT. (2.36 MILE)**

222 S. RIVERSIDE, SUITE 610
 CHICAGO, ILLINOIS 60606
 (312) 669-9601

**PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS**

PROGRAM AND OFFICE ENGINEER, CHARLES F. RIDDLE, P.E. (847-705-4406), SCHALMBURG, IL

GENERAL NOTES

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2012.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
- SAW CUTTING OF PAVEMENTS, SIDEWALK, DRIVEWAYS, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED. ALL SAW CUTTING SHALL BE DONE WITH A WET SAW.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- NO COMPLETE CLOSURE AT ROADS, DRIVEWAYS (INCLUDING CURBS), OR SIDEWALKS WILL BE ALLOWED UNLESS PERMITTED BY THE ENGINEER. ALL WORK MUST BE STAGED TO ACCOMMODATE THE PUBLIC. IT WILL BE CONTRACTOR'S RESPONSIBILITY TO NOTIFY HOMEOWNERS AND THE CITY OF ELGIN WHEN ACCESS TO THEIR DRIVEWAYS WILL BE IMPACTED FOR CONSTRUCTION. AT LOCATIONS WHERE WORK IS SCHEDULED, THE CONTRACTOR SHALL CONTACT THE HOMEOWNER 24 HOURS PRIOR TO REMOVAL. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED. DRIVEWAYS MUST REMAIN OPEN AND ACCESSIBLE, WITH STONE IF NECESSARY, DURING THE PROJECT. MATERIALS SHALL NOT BE STOCKPILED ON THE CONSTRUCTION SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SWEEPING AND CLEANING STREETS OF ANY DEBRIS AND MATERIAL THAT HAS ACCUMULATED AS A RESULT OF THE CONSTRUCTION ACTIVITY. A MECHANICAL SWEEPER, MECHANICALLY DRIVEN AIR AND HANDWORK WITH SHOVEL AND BROOM SHALL BE UTILIZED TO PROVIDE A CLEAN STREET FOR THE MOTORING PUBLIC. WITHIN 24 HOURS OF PLACING PRIME COAT AND THE LAYING OF HMA, THE CONTRACTOR SHALL SWEEP THE PAVEMENT AND REMOVE STANDING WATER, EARTH, WEEDS, LEAVES, DIRT, CONSTRUCTION DEBRIS AND ALL LOOSE MATERIAL. THIS WORK WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- WHEN REMOVING PAVEMENT, SIDEWALK, DRIVEWAYS, CURB AND GUTTER, SHOULDER, AND/OR ANY OTHER STRUCTURES, THE USE OF ANY TYPE OF CONCRETE BREAKERS WHICH MIGHT DAMAGE THE UNDERGROUND PUBLIC OR PRIVATE UTILITIES WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED.

UTILITIES NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING UNDERGROUND DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND OTHER PUBLIC UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ALL UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER IN ACCORDANCE WITH ARTICLES 105.07 AND 107.20.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL USE NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENNANCES THAT MUST BE KEPT IN OPERATION.
- THE CONTRACTOR SHALL VERIFY THAT ALL WATER SYSTEM VALVES, VALVE VAULTS, FIRE HYDRANTS AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE TO THE CITY FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.
- ALL LOOSE MATERIAL DEPOSITED IN THE FLOWLINE OF 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 SEPERATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

SIGNING AND STRIPING

- SEE IDOT STANDARD DETAIL 780001, DISTRICT ONE DETAIL TC-13 AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- THE CONTRACTOR SHALL TEMPORARILY RESET ALL SIGNS THAT INTERFERE WITH CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED IN ACCORDANCE WITH ARTICLE 107.25.

TRAFFIC CONTROL

- SEE TRAFFIC CONTROL HIGHWAY STANDARDS CONCERNING TRAFFIC CONTROL AND PROTECTION.

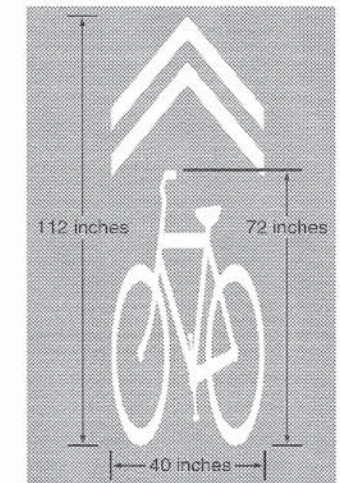
NOTE: BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT

STATE STANDARDS

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSING
442101-07	CLASS B PATCHES
602001-02	CATCH BASIN TYPE A
604001-03	FRAME AND LIDS TYPE 1
604036-02	GRATE TYPE B
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-04	TYPICAL PAVEMENT MARKINGS
814001-02	HANDHOLES
836001-02	LIGHT POLE FOUNDATION

MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
(2009 EDITION)

Figure 9C-9. Shared Lane Marking



BIKE AND CHEVRON PAVEMENT MARKING DETAIL

NOTE: SEE MUTCD CHAPTER 9 FOR MORE DETAILS.

FILE NAME =	USER NAME = ejpandexter	DESIGNED - BAF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ELGIN BIKEWAY ROUTE 1 NE GENERAL NOTES, STATE STANDARDS, AND PROJECT DETAILS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Gr\CDI3\0025\Road\Sheets\30025-SHT-General Notes.sht		DRAWN - AJP	REVISED -					-	09-00175-00-BT	KANE	44	2
PLOT SCALE =		CHECKED - ESN	REVISED -					PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
PLOT DATE = 8/22/2013		DATE - 08-22-13	REVISED -					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES							
Code Number	Pay Items	Unit	Total Quantity	Roadway		Lighting	
				80% Fed 20% LA 0028	80% Fed 20% LA 0021		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	33	33			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	48	48			
20101100	TREE TRUNK PROTECTION	EACH	12	12			
20101200	TREE ROOT PRUNING	EACH	5	5			
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	5	5			
* 20101400	NITROGEN FERTILIZER NUTRIENT	POUND	25	25			
* 20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	25	25			
* 20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	25	25			
20200100	EARTH EXCAVATION	CU YD	655	655			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	5	5			
20400800	FURNISHED EXCAVATION	CU YD	5	5			
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,989	1,989			
* 25200110	SODDING, SALT TOLERANT	SQ YD	1,989	1,989			
* 25200200	SUPPLEMENTAL WATERING	UNIT	5	5			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	35	35			
28000510	INLET FILTERS	EACH	10	10			
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	5	5			
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	2,268	2,268			
35300600	PORTLAND CEMENT CONCRETE BASE COURSE 11"	SQ YD	329	329			
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	197	197			
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	390	390			
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	195	195			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	52	52			
42001300	PROTECTIVE COAT	SQ YD	1,326	1,326			
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	407	407			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4,749	4,749			
42400800	DETECTABLE WARNINGS	SQ FT	455	455			
44000100	PAVEMENT REMOVAL	SQ YD	327	327			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	362	362			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,414	1,414			
44000600	SIDEWALK REMOVAL	SQ FT	10,820	10,820			
44200962	CLASS B PATCHES, TYPE III, 9 INCH	SQ YD	20	20			
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	128	128			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	5	5			

SUMMARY OF QUANTITIES							
Code Number	Pay Items	Unit	Total Quantity	Roadway		Lighting	
				80% Fed 20% LA 0028	80% Fed 20% LA 0021		
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	4	4			
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1			
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2			
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60255500	MANHOLES TO BE ADJUSTED	EACH	10	10			
60260100	INLETS TO BE ADJUSTED	EACH	8	8			
60600605	CONCRETE CURB, TYPE B	FOOT	40				
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1,410	1,410			
67100100	MOBILIZATION	L SUM	1	1			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	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			
* 72000100	SIGN PANEL - TYPE 1	SQ FT	491	491			
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2			
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	1,140	1,140			
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	137	137			
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	12,506	12,506			
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	2,000	2,000			
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	706	706			
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	325	325			
* 78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,105	1,105			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	3,100	3,100			
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1			
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	557			557	
* 81400100	HANDHOLE	EACH	1			1	
* 81603100	UNIT DUCT, 600V, 4-1C NO.6, 1/2" NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1,705			1,705	
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	40			40	
* 83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	5			5	
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	5			5	
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	5			5	
* 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1			1	
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	270			270	
* 89502380	REMOVE EXISTING HANDHOLE	EACH	1			1	

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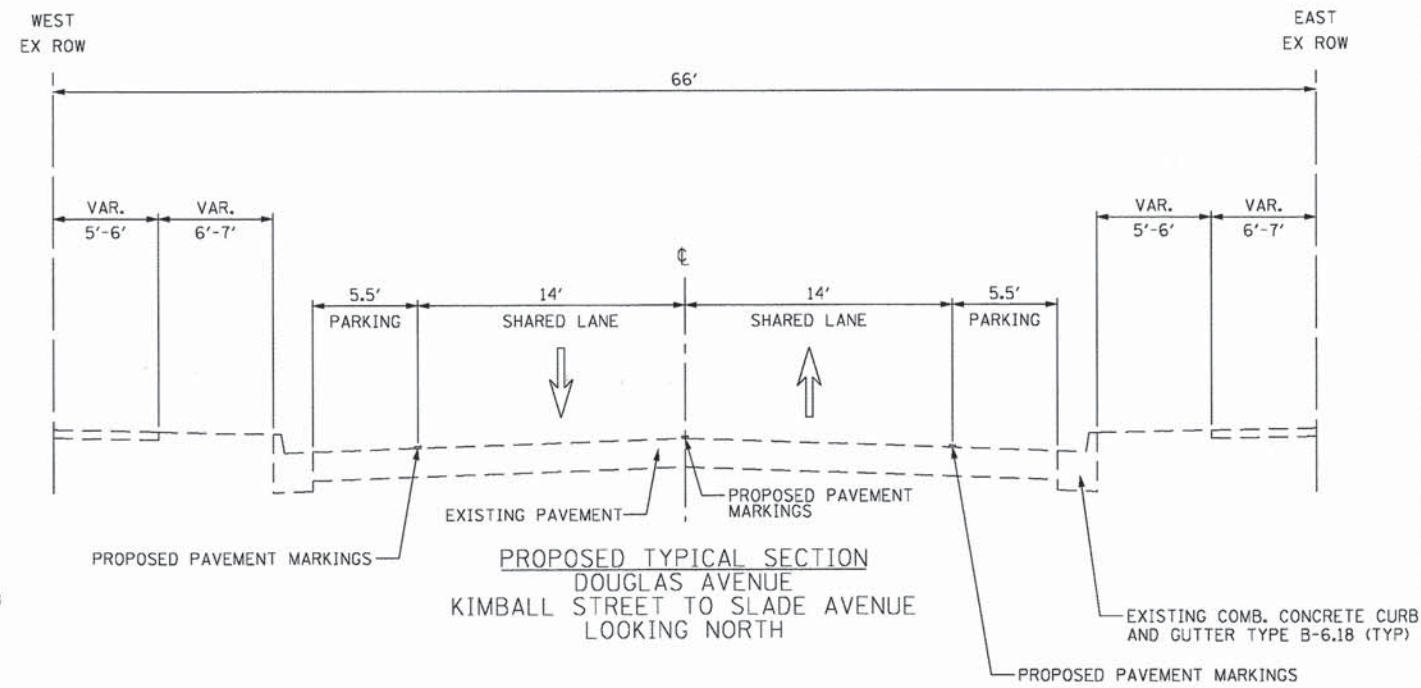
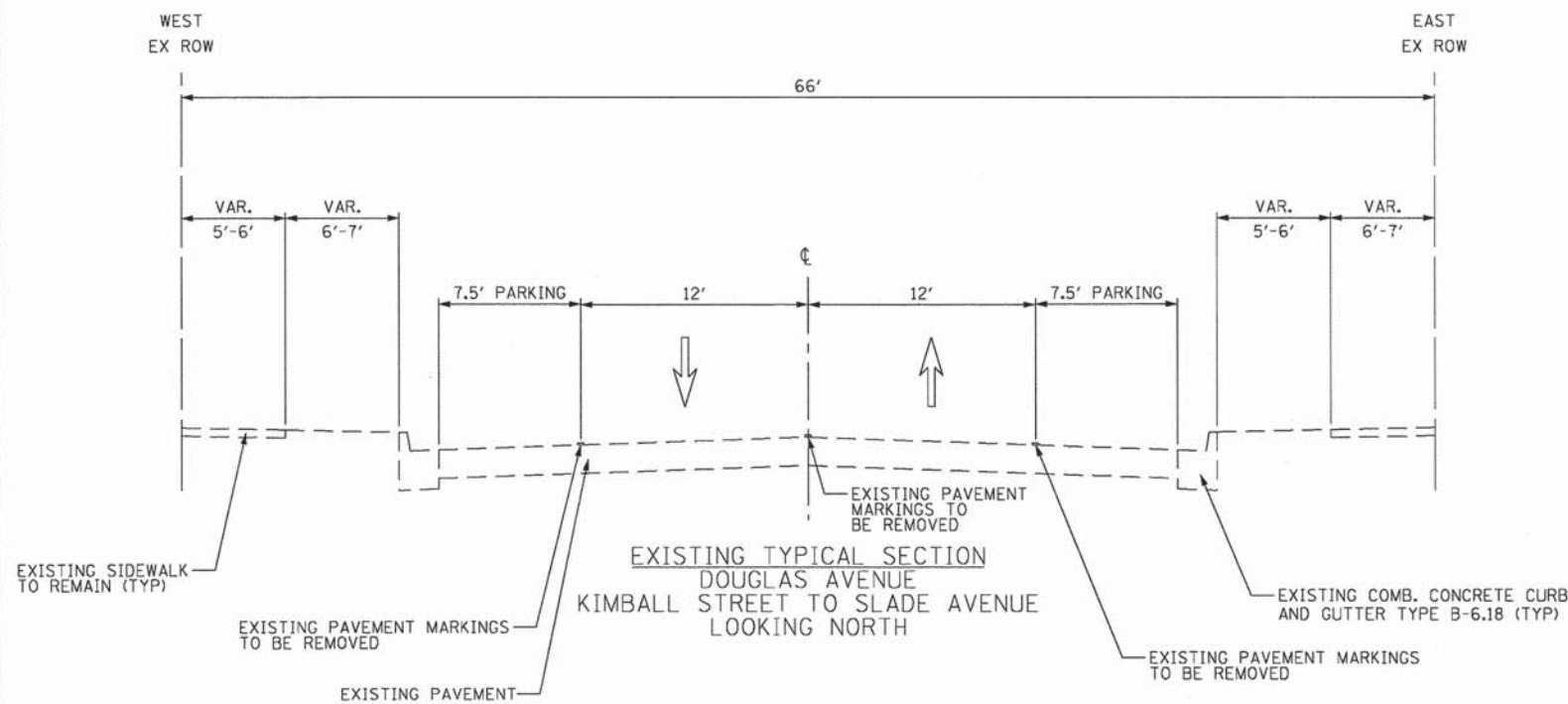
DESIGNED - BAF
 DRAWN - AJP
 CHECKED - ESN
 DATE - 08-22-13
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ELGIN BIKEWAY ROUTE 1 NE
 SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	3
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

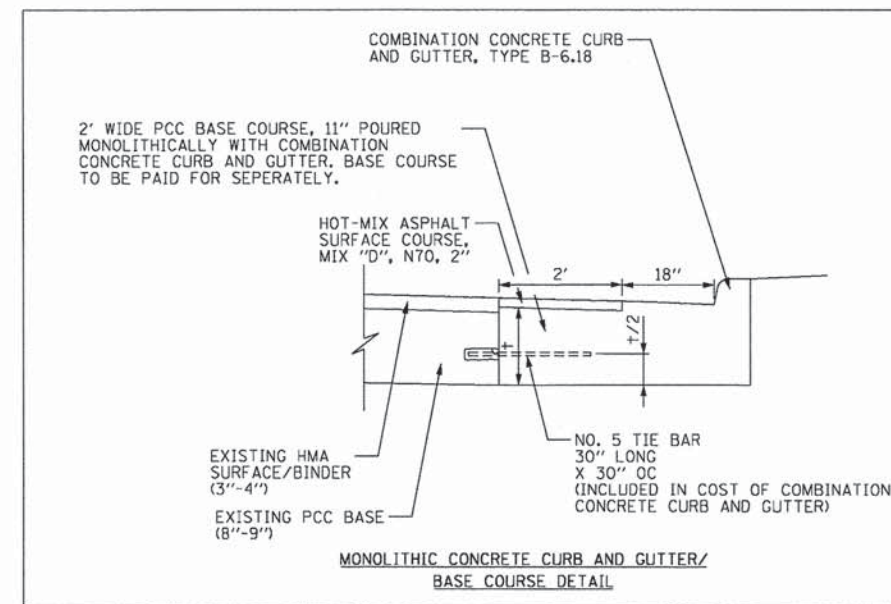


HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
FULL DEPTH PAVEMENT (BIKE PATH)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm), 2"	4% @ 50 GYRATIONS
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GYRATIONS
ROADWAY SURFACE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm), 2"	4% @ 70 GYRATIONS

- NOTES:
- 1) THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 - 2) THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

EXISTING PAVEMENT STRUCTURE
HOT-MIX ASPHALT SURFACE/BINDER 3"-4"
PCC BASE COURSE 8"-9"



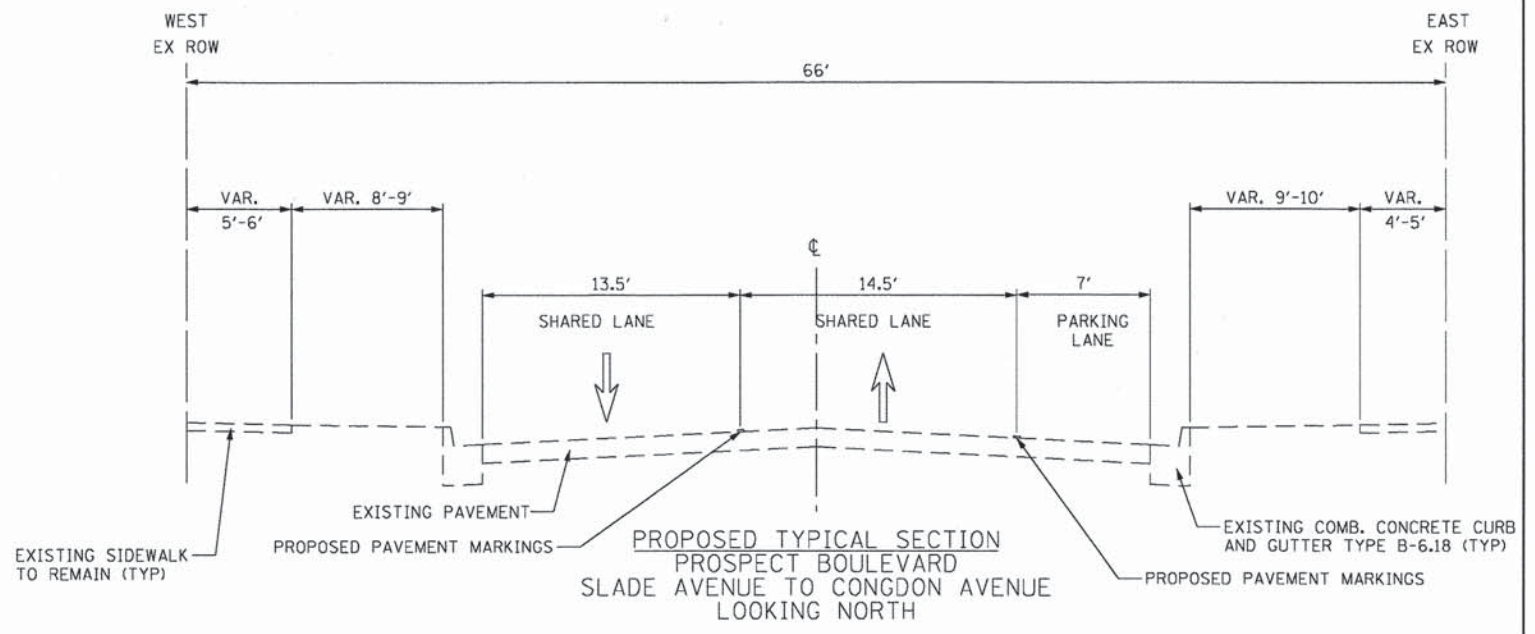
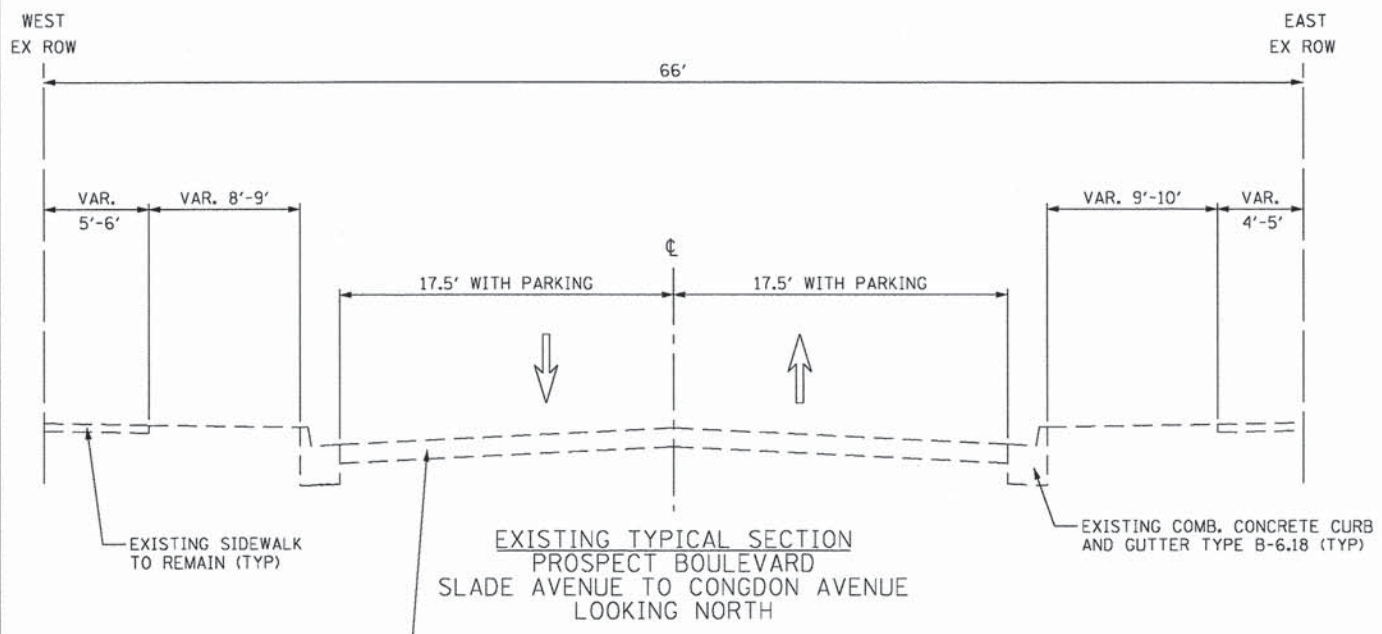
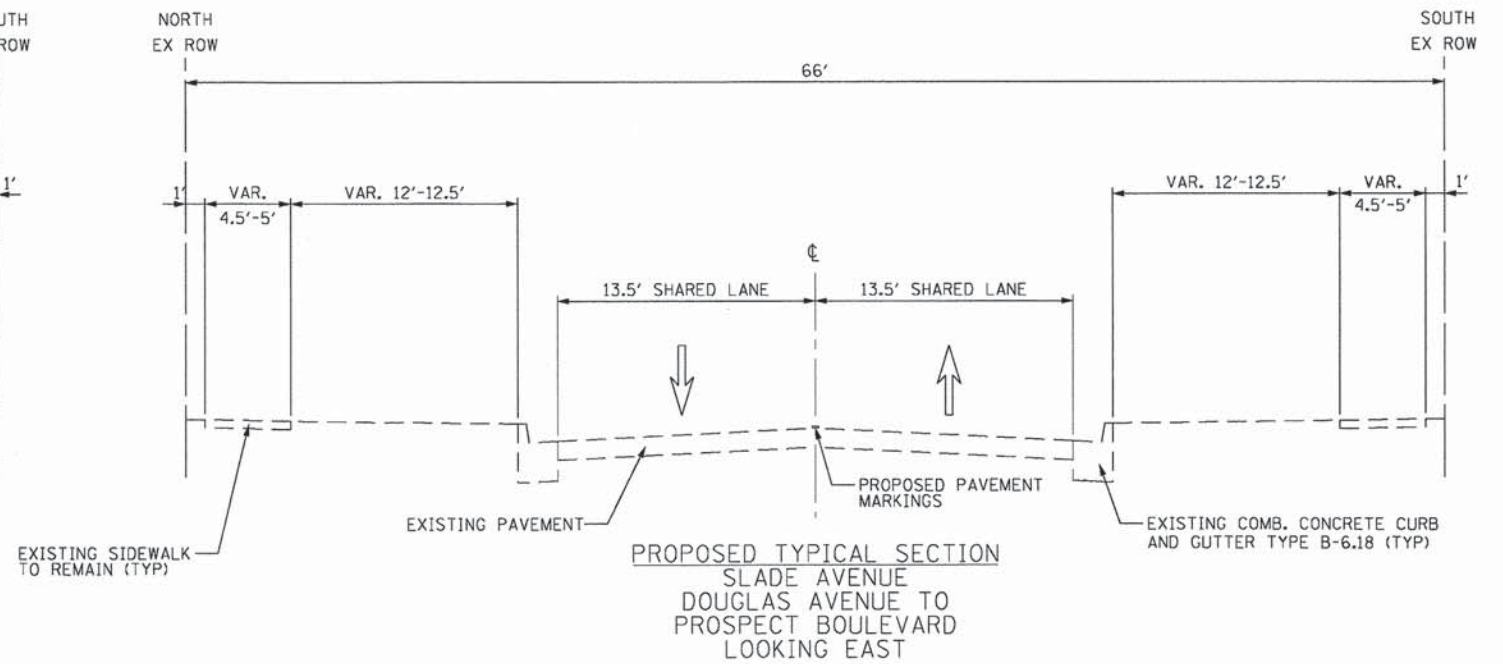
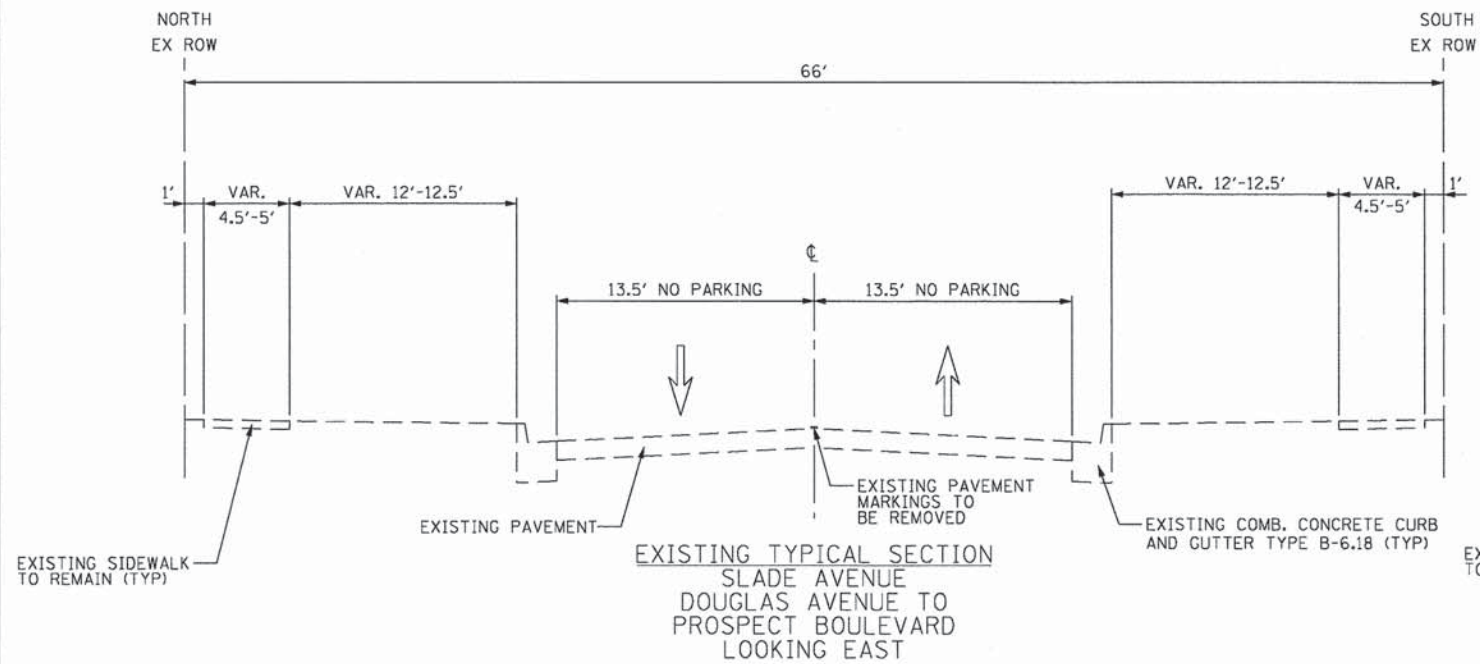
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	PLOT SCALE =	CHECKED - ESN	REVISED -
	PLOT DATE = 8/22/2013	DATE - 08-22-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELGIN BIKEWAY ROUTE 1 NE
TYPICAL SECTIONS**

SCALE: NONE SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	5
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT				



* SEE SHEET 5 FOR HMA MIX TABLE

EXISTING PAVEMENT STRUCTURE
HOT-MIX ASPHALT SURFACE/BINDER 3"-4"
PCC BASE COURSE 8"-9"

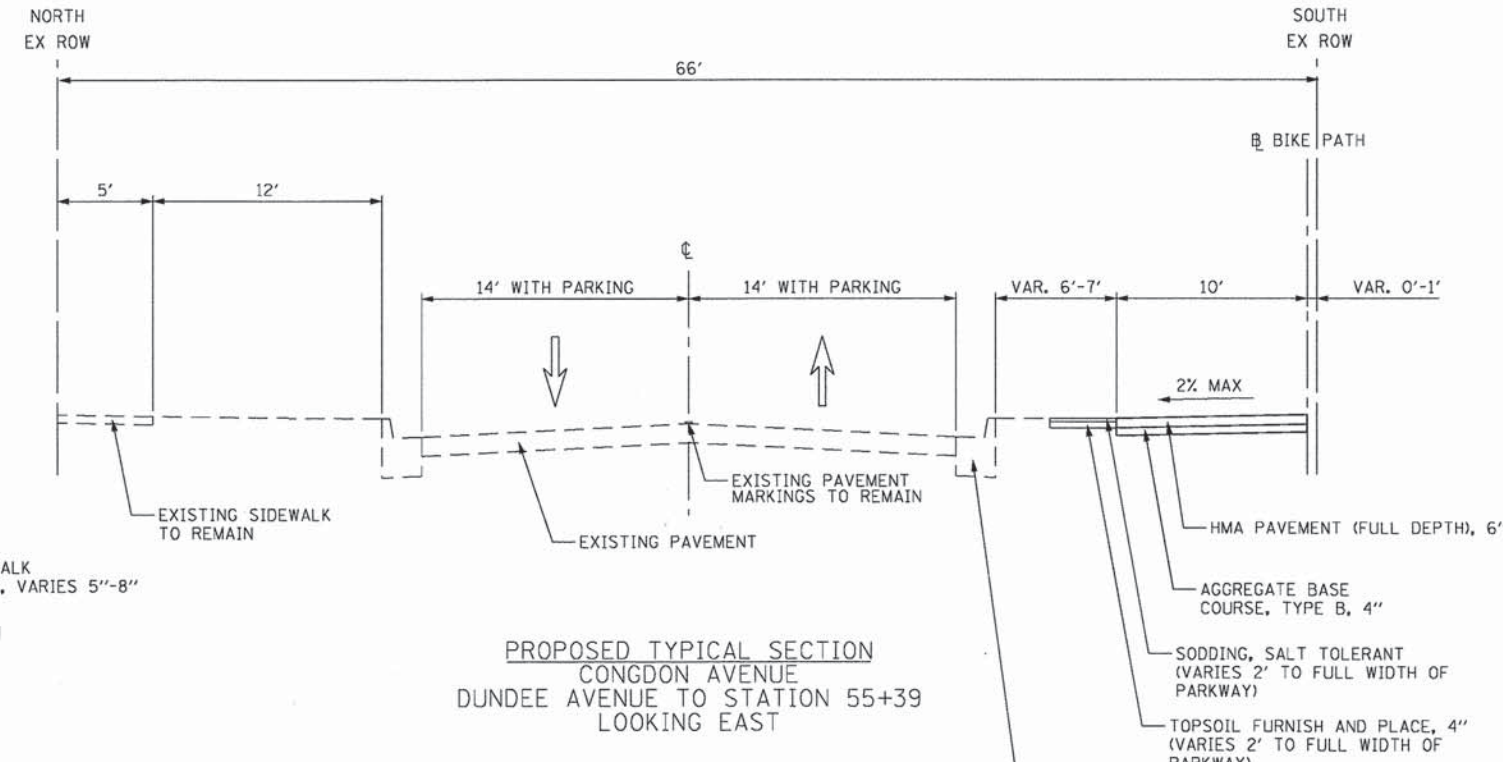
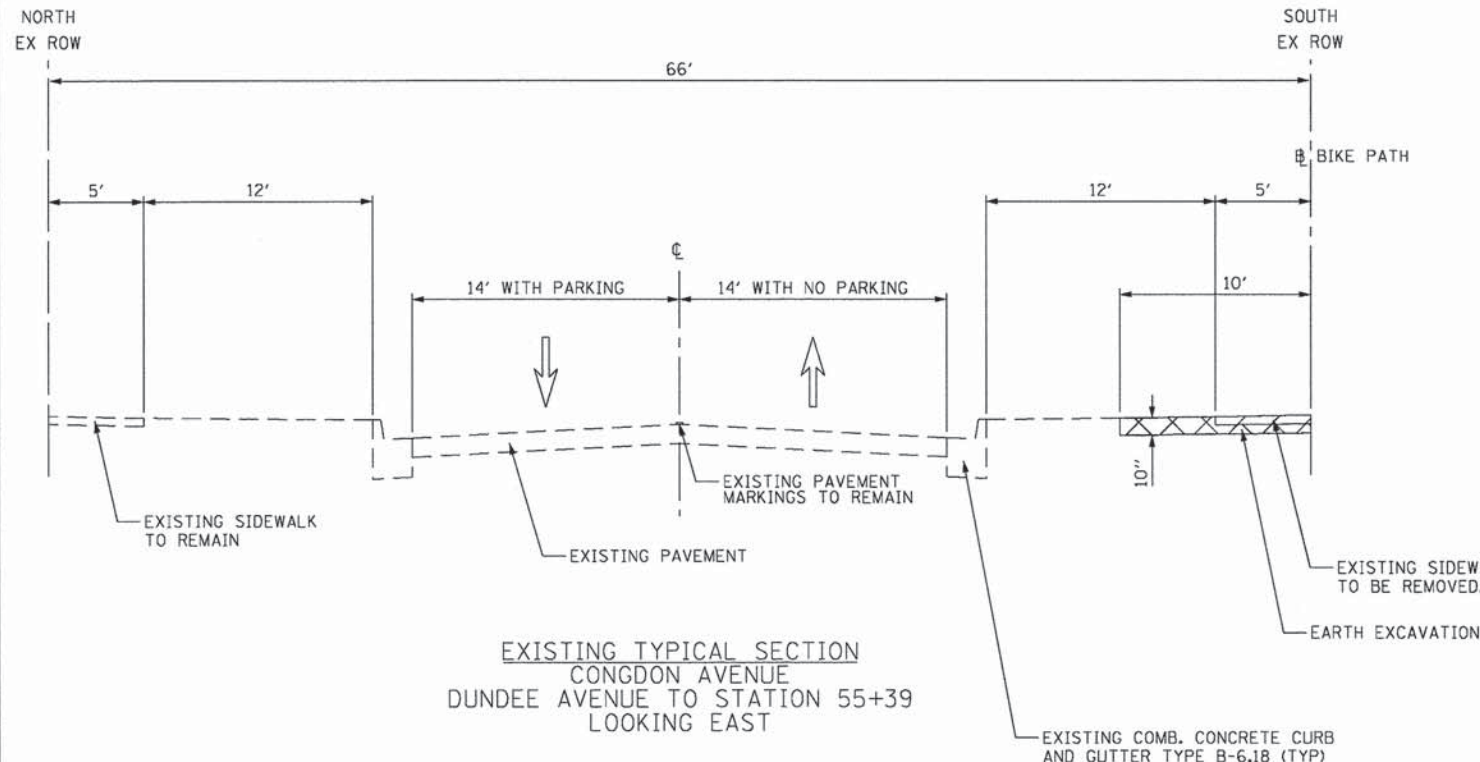
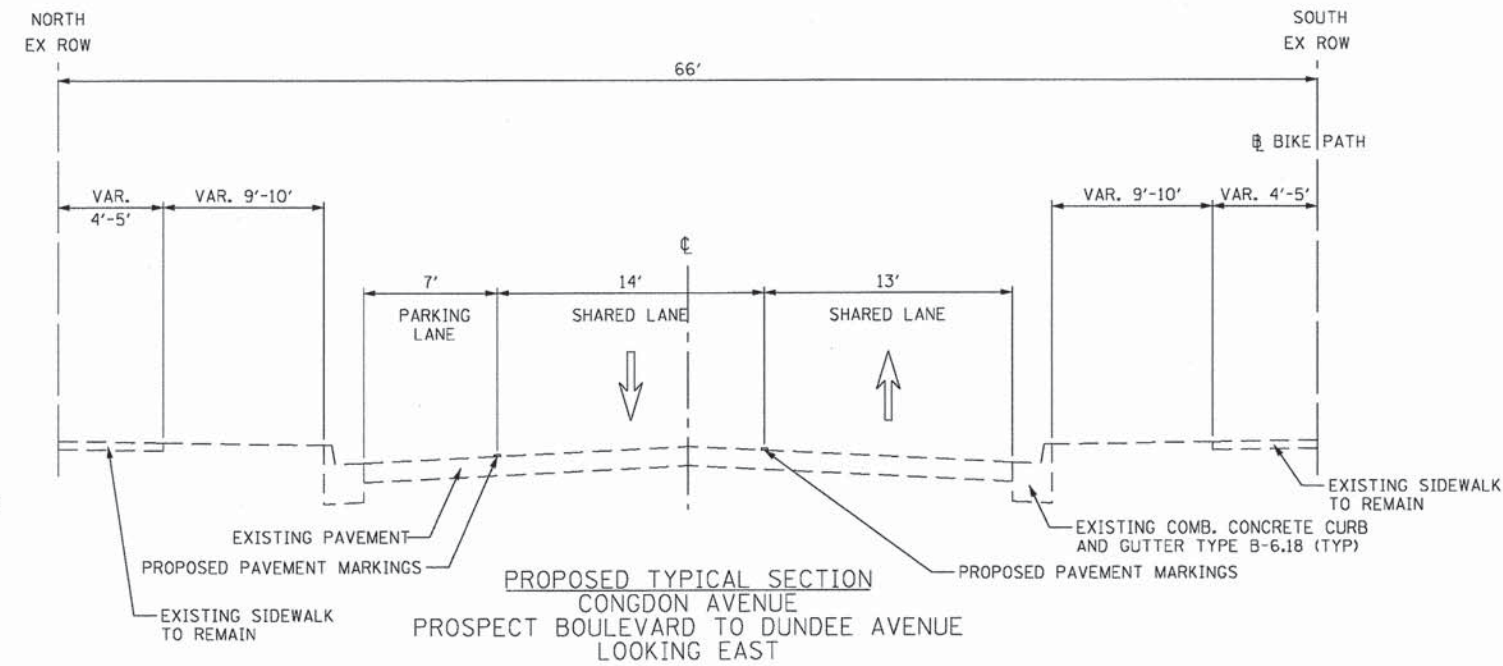
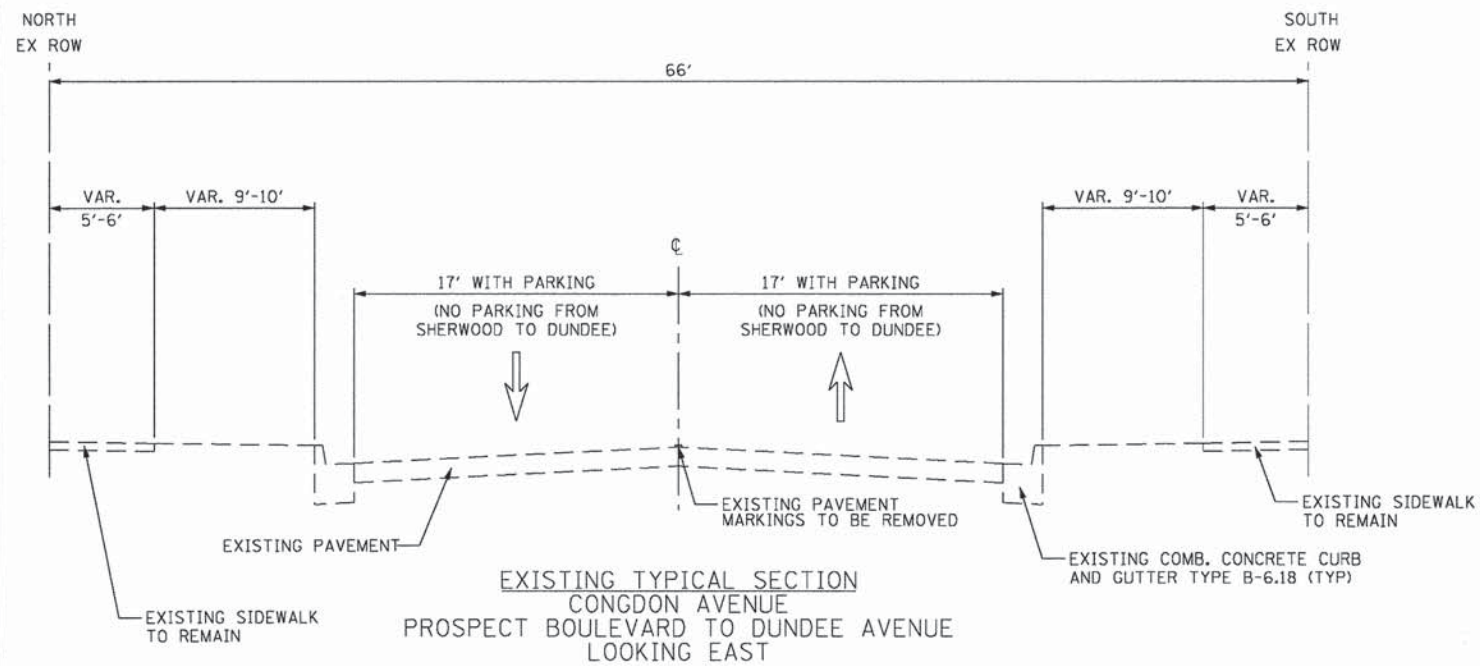
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	PLOT DATE = 8/22/2013	DATE - 08-22-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELGIN BIKEWAY ROUTE 1 NE
TYPICAL SECTIONS**

SCALE: NONE SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	6
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



EXISTING PAVEMENT STRUCTURE
HOT-MIX ASPHALT SURFACE/BINDER 3"-4"
PCC BASE COURSE 8"-9"

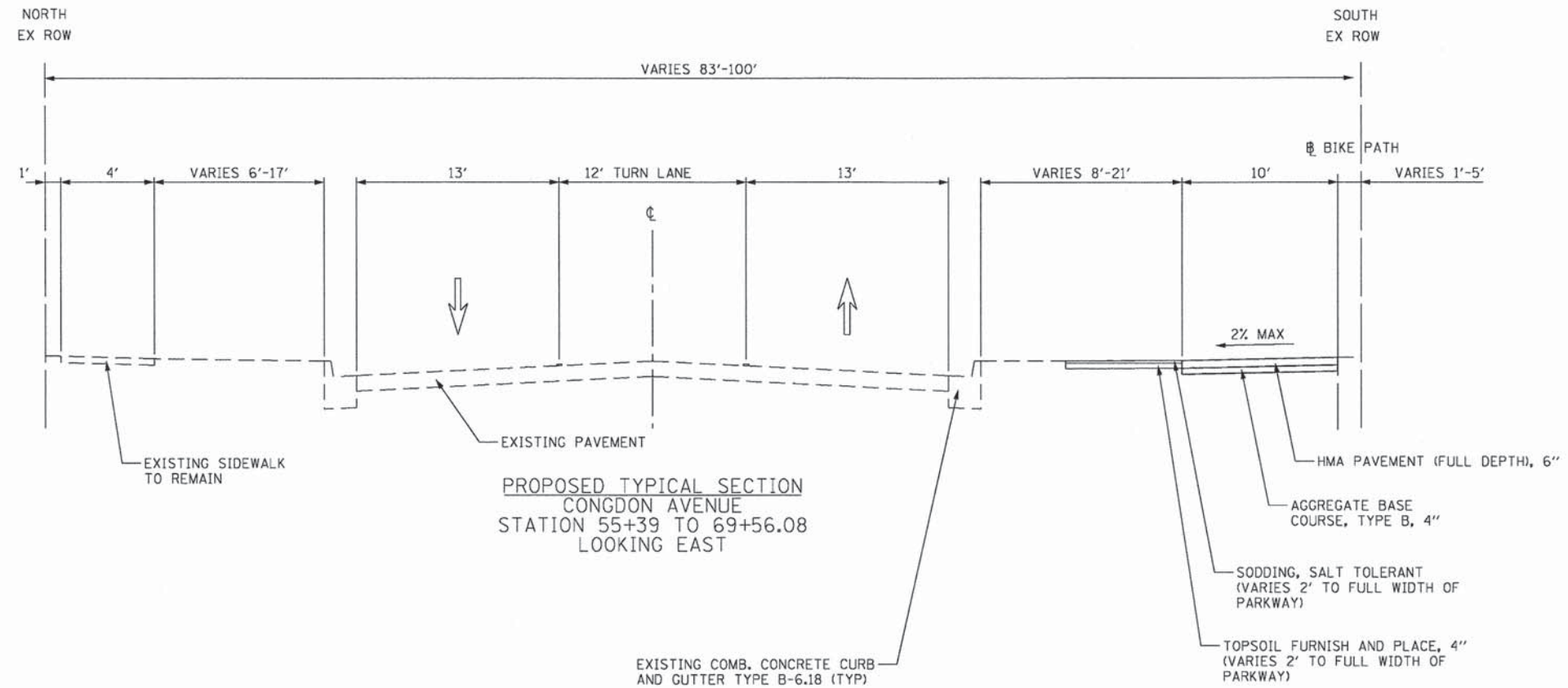
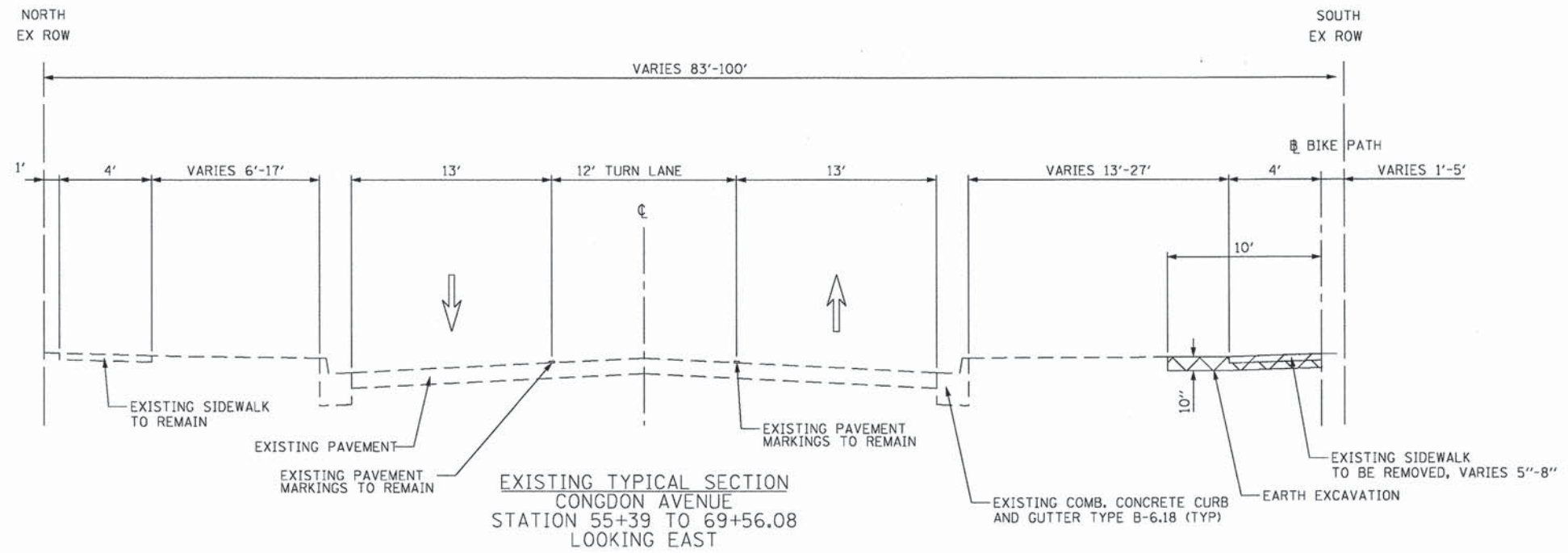
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		CHECKED - ESN	REVISED -
		DATE - 08-22-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELGIN BIKEWAY ROUTE 1 NE
TYPICAL SECTIONS**

SCALE: NONE SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	7
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



EXISTING PAVEMENT STRUCTURE
HOT-MIX ASPHALT SURFACE/BINDER 3'-4"
PCC BASE COURSE 8'-9"

FILE NAME =	USER NAME = e_jpondexter	DESIGNED - BAF	REVISED -
G:\CD13\0005\Road\Sheets\30005-SHT-TYP.dgn		DRAWN - AJP	REVISED -
		CHECKED - ESN	REVISED -
		DATE - 08-22-13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELGIN BIKEWAY ROUTE 1 NE
TYPICAL SECTIONS

SCALE: NONE SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	8
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

SCHEDULE OF EARTHWORK										
OFF-STREET BIKE PATH - CONGDON AVENUE										
STATION	DISTANCE	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL
(XX+XX)	(FT.)	(SQ. FT.)	(SQ. FT.)	(SQ. FT.)	AVG. (SQ. FT.)	AVG. (SQ. FT.)	AVG. (SQ. FT.)	(CU. YD.)	(CU. YD.)	(CU. YD.)
50+00.00		0.0	0.0	0.0						
	38.38				5.8	0.0	0.0	8.2	0.0	0.0
50+38.38		11.5	0.0	0.0						
	11.62				12.1	0.0	0.0	5.2	0.0	0.0
50+50.00		12.7	0.0	0.0						
	43.40				6.6	0.0	1.2	10.5	0.0	1.9
50+93.40		0.4	0.0	2.4						
	6.80				5.6	0.0	1.2	1.4	0.0	0.3
51+00.00		10.7	0.0	0.0						
	50.00				8.4	0.0	0.0	15.5	0.0	0.0
51+50.00		6.0	0.0	0.0						
	50.00				7.2	0.0	0.0	13.3	0.0	0.0
52+00.00		8.4	0.0	0.0						
	27.72				5.1	0.0	0.4	5.2	0.0	0.4
52+27.72		1.8	0.0	0.7						
	22.28				6.2	0.0	0.4	5.1	0.0	0.3
52+50.00		10.5	0.0	0.0						
	35.05				6.2	0.0	0.1	6.0	0.0	0.1
52+85.05		1.9	0.0	0.1						
	14.95				6.0	0.0	0.1	3.3	0.0	0.0
53+00.00		10.0	0.0	0.0						
	34.15				6.8	0.0	0.1	6.6	0.0	0.1
53+34.15		3.6	0.0	0.2						
	15.85				6.9	0.0	0.1	4.0	0.0	0.1
53+50.00		10.1	0.0	0.0						
	33.46				6.4	0.0	0.4	7.9	0.0	0.4
53+83.46		2.7	0.0	0.7						
	16.54				7.2	0.0	0.4	4.4	0.0	0.2
54+00.00		11.7	0.0	0.0						
	38.25				8.1	0.0	0.1	11.5	0.0	0.1
54+38.25		4.5	0.0	0.2						
	11.75				6.4	0.0	0.5	2.8	0.0	0.2
54+50.00		8.2	0.0	0.8						
	48.25				5.1	0.0	0.5	8.7	0.0	0.9
54+98.25		1.9	0.0	0.2						
	3.75				2.0	0.0	0.3	0.3	0.0	0.0
55+00.00		2.0	0.0	0.4						
	50.00				4.3	0.0	0.2	7.9	0.0	0.4
55+50.00		6.5	0.0	0.0						
	50.00				6.6	0.0	0.0	12.2	0.0	0.0
56+00.00		6.7	0.0	0.0						
	50.00				7.7	0.0	0.0	14.2	0.0	0.0
56+50.00		8.6	0.0	0.0						
	50.00				7.9	0.0	0.0	14.6	0.0	0.0
57+00.00		7.2	0.0	0.0						
	50.00				7.6	0.0	0.0	14.1	0.0	0.0
57+50.00		8.0	0.0	0.0						
	50.00				8.7	0.0	0.0	16.1	0.0	0.0
58+00.00		9.4	0.0	0.0						
	50.00				8.6	0.0	0.0	15.8	0.0	0.0
58+50.00		7.7	0.0	0.0						
	23.31				5.2	0.0	0.6	4.5	0.0	0.5
58+73.31		2.7	0.0	1.1						
	26.69				12.4	0.0	0.6	12.3	0.0	0.5
59+00.00		22.1	0.0	0.0						
	50.00				21.3	0.0	0.0	39.4	0.0	0.0
59+50.00		20.5	0.0	0.0						
	50.00				10.3	0.0	0.0	19.0	0.0	0.0
60+00.00		0.0	0.0	0.0						
	50.00				10.2	0.0	0.0	18.8	0.0	0.0
60+50.00		20.3	0.0	0.0						
	50.00				20.6	0.0	0.0	38.1	0.0	0.0
61+00.00		20.8	0.0	0.0						
	50.00				20.0	0.0	0.0	37.0	0.0	0.0
61+50.00		19.2	0.0	0.0						
	50.00				18.2	0.0	0.0	33.6	0.0	0.0
62+00.00		17.1	0.0	0.0						
	50.00				11.8	0.0	0.5	21.8	0.0	0.9
62+50.00		6.4	0.0	1.0						
	50.00				3.2	0.0	0.5	5.9	0.0	0.9
63+00.00		0.0	0.0	0.0						
	50.00				6.1	0.0	0.0	11.3	0.0	0.0
63+50.00		12.2	0.0	0.0						
	45.85				7.1	0.0	0.0	12.0	0.0	0.0
63+95.85		1.9	0.0	0.0						
	4.15				1.9	0.0	0.0	0.3	0.0	0.0

SCHEDULE OF EARTHWORK										
OFF-STREET BIKE PATH - CONGDON AVENUE										
STATION	DISTANCE	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL
(XX+XX)	(FT.)	(SQ. FT.)	(SQ. FT.)	(SQ. FT.)	AVG. (SQ. FT.)	AVG. (SQ. FT.)	AVG. (SQ. FT.)	(CU. YD.)	(CU. YD.)	(CU. YD.)
64+00.00		1.8	0.0	0.0						
	40.04				1.9	0.0	0.0	2.8	0.0	0.0
64+40.04		2.0	0.0	0.0						
	9.96				9.2	0.0	0.0	3.4	0.0	0.0
64+50.00		16.4	0.0	0.0						
	50.00				17.1	0.0	0.0	31.6	0.0	0.0
65+00.00		17.7	0.0	0.0						
	47.71				9.1	0.0	0.7	16.1	0.0	1.2
65+47.71		0.5	0.0	1.4						
	2.29				0.5	0.0	1.6	0.0	0.0	0.1
65+50.00		0.5	0.0	1.8						
	50.00				7.5	0.0	0.9	13.8	0.0	1.7
66+00.00		14.4	0.0	0.0						
	50.00				7.2	0.0	0.0	13.3	0.0	0.0
66+50.00		0.0	0.0	0.0						
	50.00				3.8	0.0	0.0	6.9	0.0	0.0
67+00.00		7.5	0.0	0.0						
	50.00				7.5	0.0	0.0	13.8	0.0	0.0
67+50.00		7.4	0.0	0.0						
	50.00				6.7	0.0	0.0	12.3	0.0	0.0
68+00.00		5.9	0.0	0.0						
	50.00				6.9	0.0	0.0	12.8	0.0	0.0
68+50.00		7.9	0.0	0.0						
	50.00				6.7	0.0	0.0	12.4	0.0	0.0
69+00.00		5.5	0.0	0.0						
	50.00				15.4	0.0	0.0	28.4	0.0	0.0
69+50.00		25.2	0.0	0.0						
	8.09				23.7	0.0	0.0	5.3	0.0	0.0
69+56.09		22.2	0.0	0.0						
	5.00				11.1	0.0	0.0	2.1	0.0	0.0
69+61.09		0.0	0.0	0.0						
	38.91				0.0	0.0	0.0	0.0	0.0	0.0
70+00.00		0.0	0.0	0.0						
TOTAL:								647.8	0.0	11.3

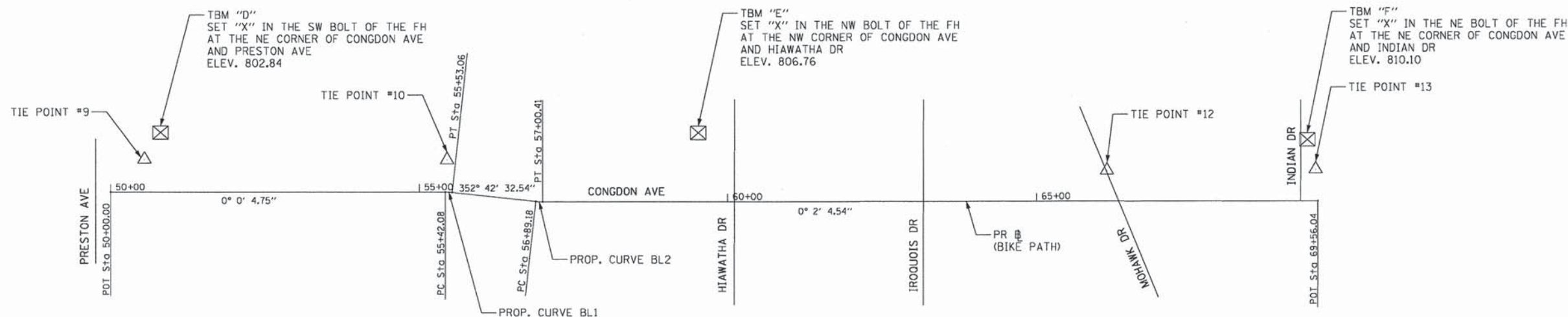
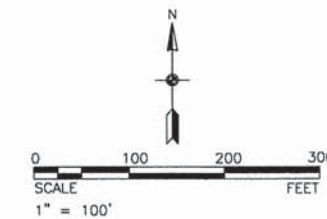
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PLOT SCALE =		DATE - 08-22-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELGIN BIKEWAY ROUTE 1 NE
SCHEDULE OF QUANTITIES**

SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	10
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

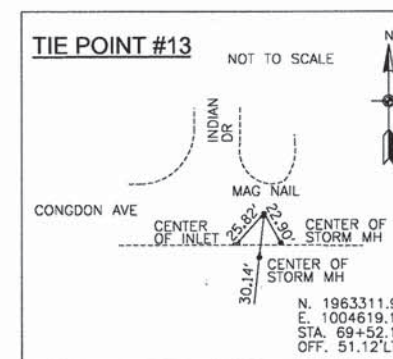
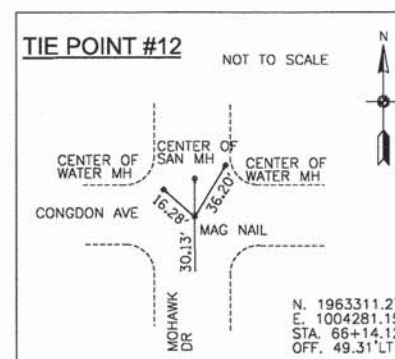
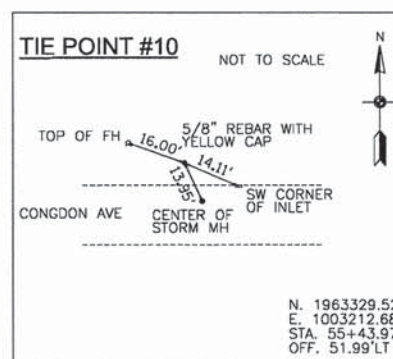
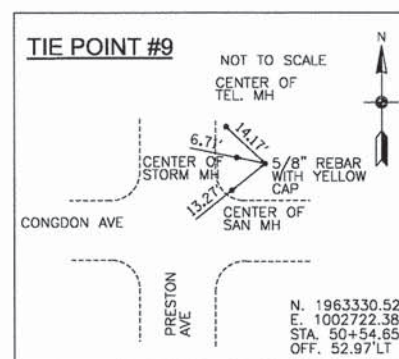


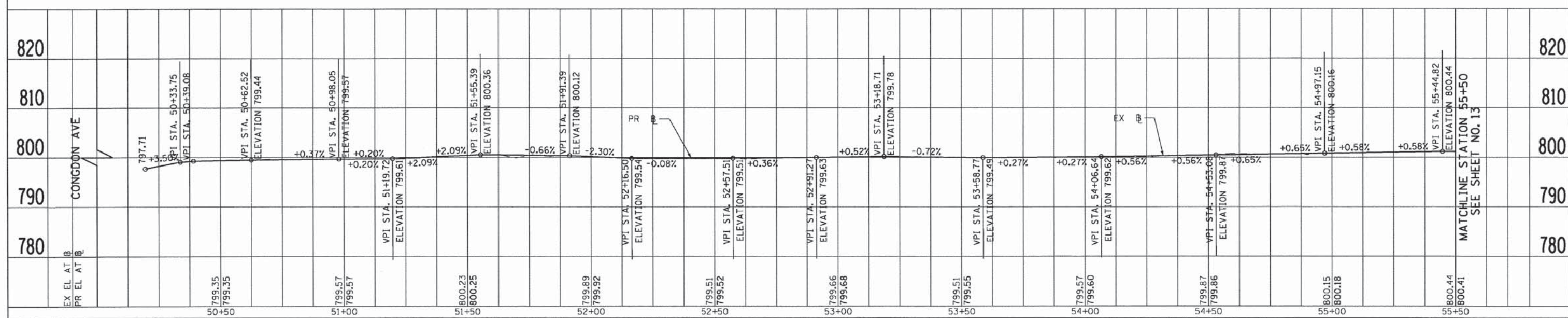
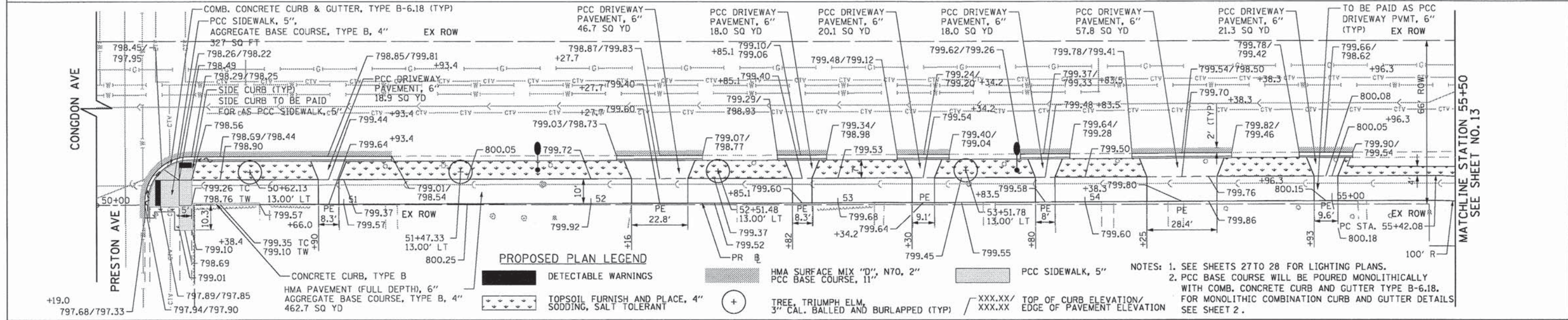
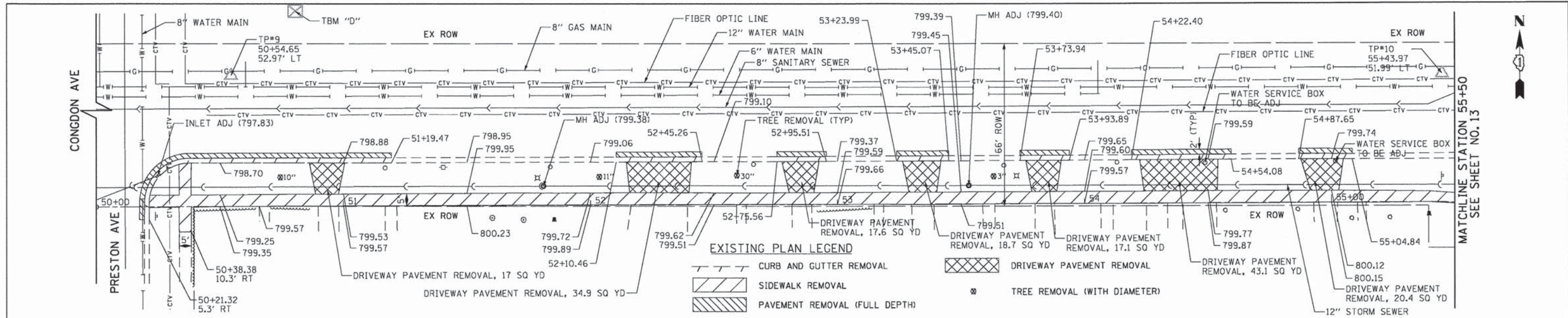
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NAV88 (VERTICAL)

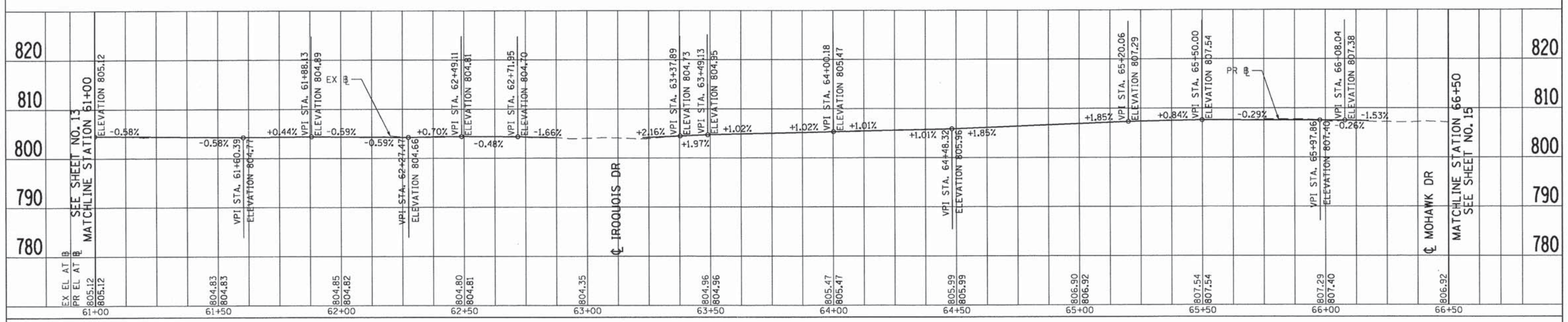
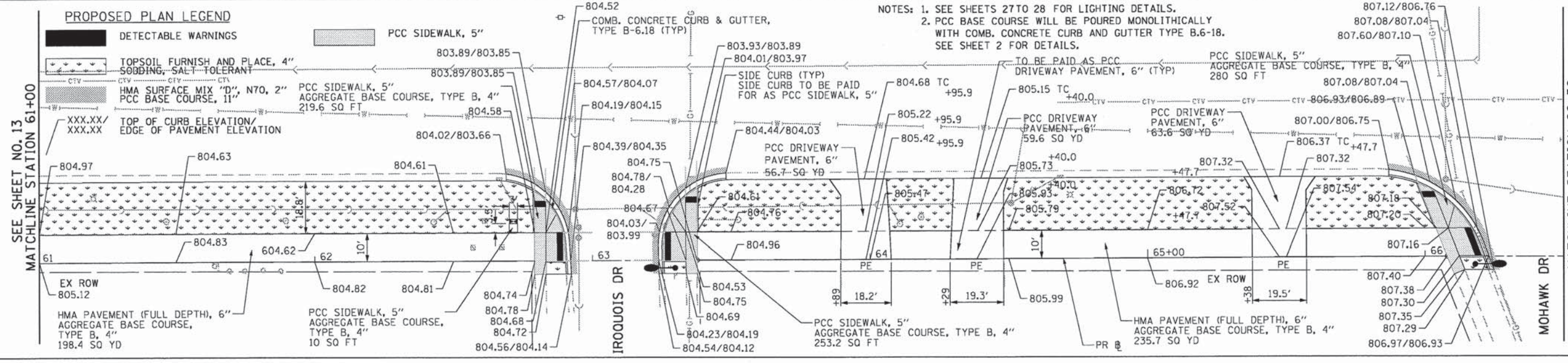
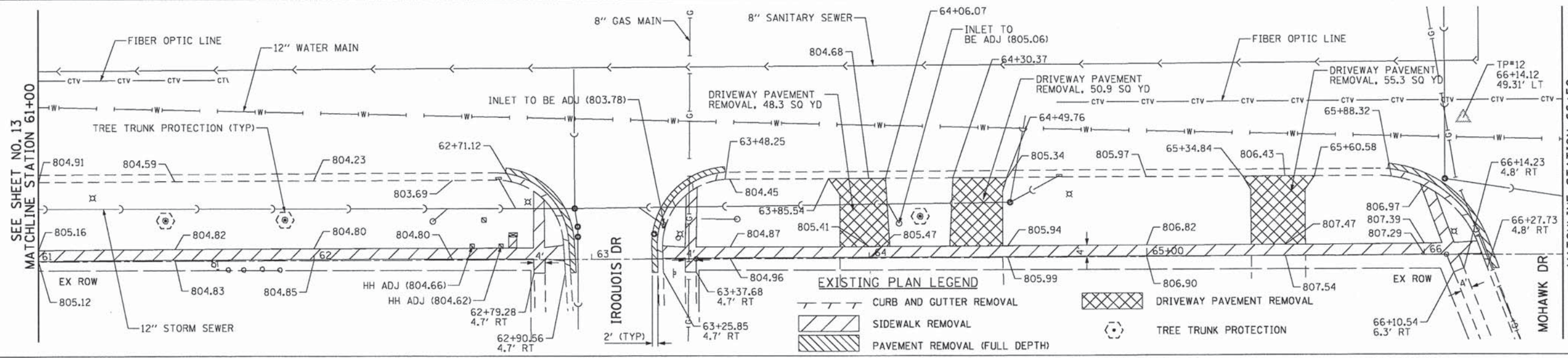
PROP. CURVE BL1
PI STA. = 55+47.57
 $\Delta = 6^\circ 17' 32''$ (RT)
D = 57° 17' 45"
R = 100.00'
T = 5.50'
L = 10.98'
E = 0.15'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 55+42.08
P.T. STA = 55+53.06

PROP. CURVE BL2
PI STA. = 56+94.80
 $\Delta = 6^\circ 26' 05''$ (LT)
D = 57° 17' 45"
R = 100.00'
T = 5.62'
L = 11.23'
E = 0.16'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 56+89.18
P.T. STA = 57+00.41

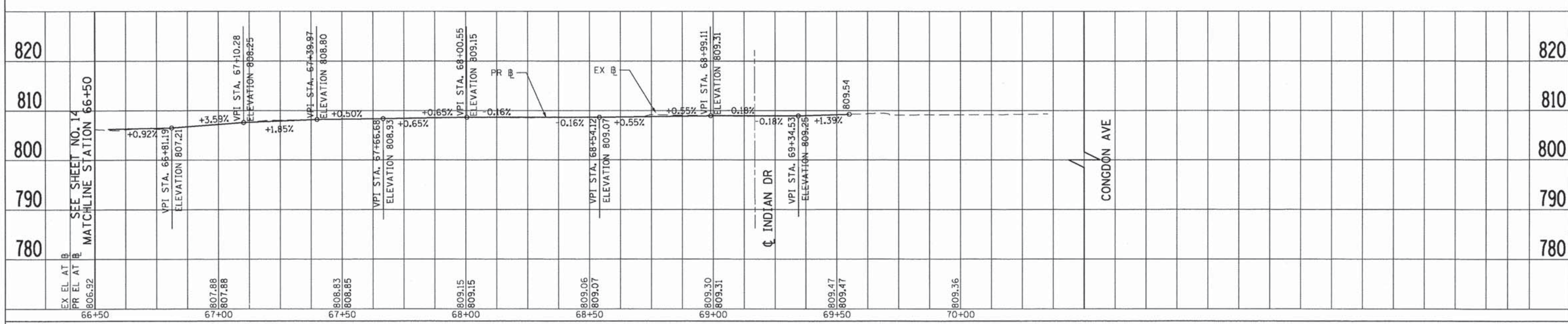
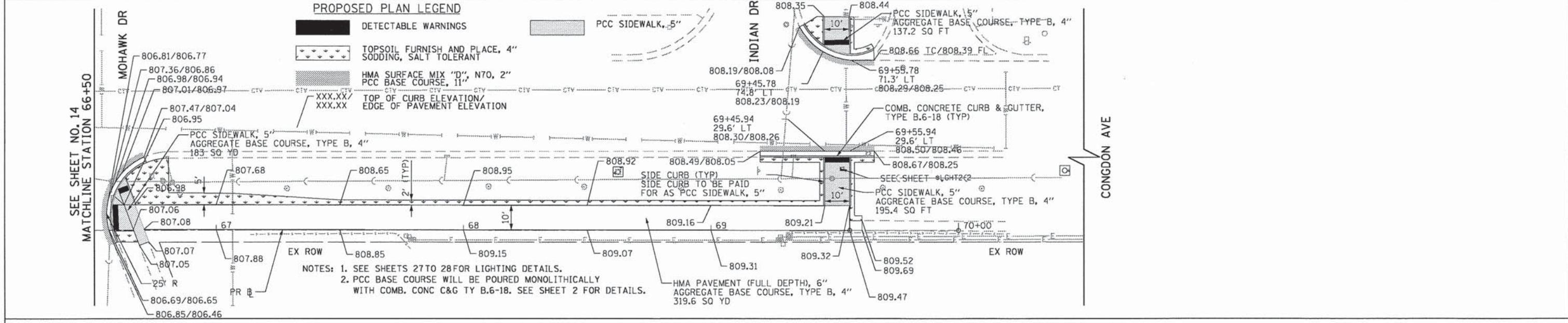
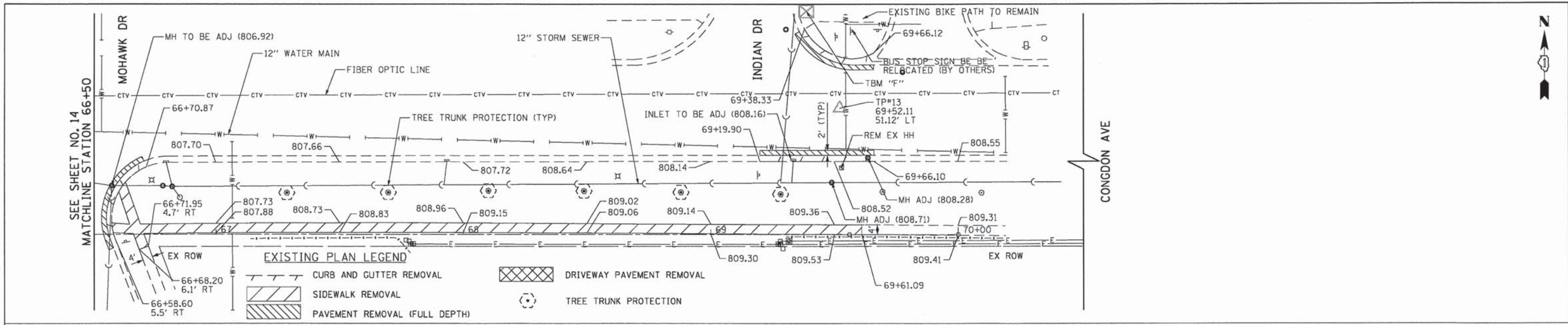
STREET NAME	ALIGNMENT POINT	STATION	NORTHING	EASTING
CONGDON AVE	POT	50+00.00	1963277.54	1002667.73
CONGDON AVE	PC #1	55+42.08	1963278.35	1003209.81
CONGDON AVE	PT #1	55+53.06	1963277.75	1003220.86
CONGDON AVE	PC #2	56+89.18	1963262.83	1003356.16
CONGDON AVE	PT #2	57+00.41	1963262.21	1003367.28
CONGDON AVE	POT	69+56.04	1963261.59	1004622.91



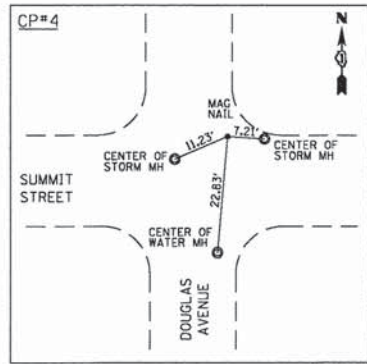




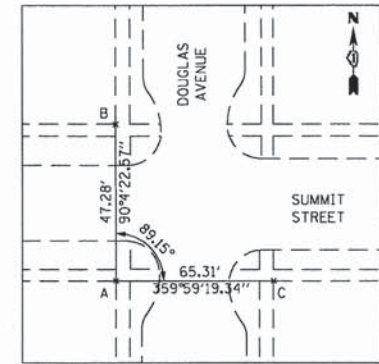
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PLOT SCALE = 40.000' / in.	DRAWN - AJP	REVISED -	PROJECT NO: CMM-9003(233)			CONTRACT NO. 63871				
PLOT DATE = 8/22/2013	CHECKED - 08-22-13	REVISED -	FED. ROAD DIST. NO. 7			ILLINOIS	FED. AID PROJECT			
SCALE: 1"=20'		SHEET NO. 3 OF 4 SHEETS				STA. 61+00 TO STA. 66+50				



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PLOT SCALE = 48.000' / 1" =	DRAWN - AJP	REVISED -	-			09-00175-00-BT	KANE	44	15	
PLOT DATE = 8/22/2813	CHECKED - 08-22-13	REVISED -	-			PROJECT NO: CMM-9003(233)	CONTRACT NO. 63871	FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT		
SCALE: 1"=20'		SHEET NO. 4 OF 4 SHEETS				STA. 66+50 TO STA. 70+00				

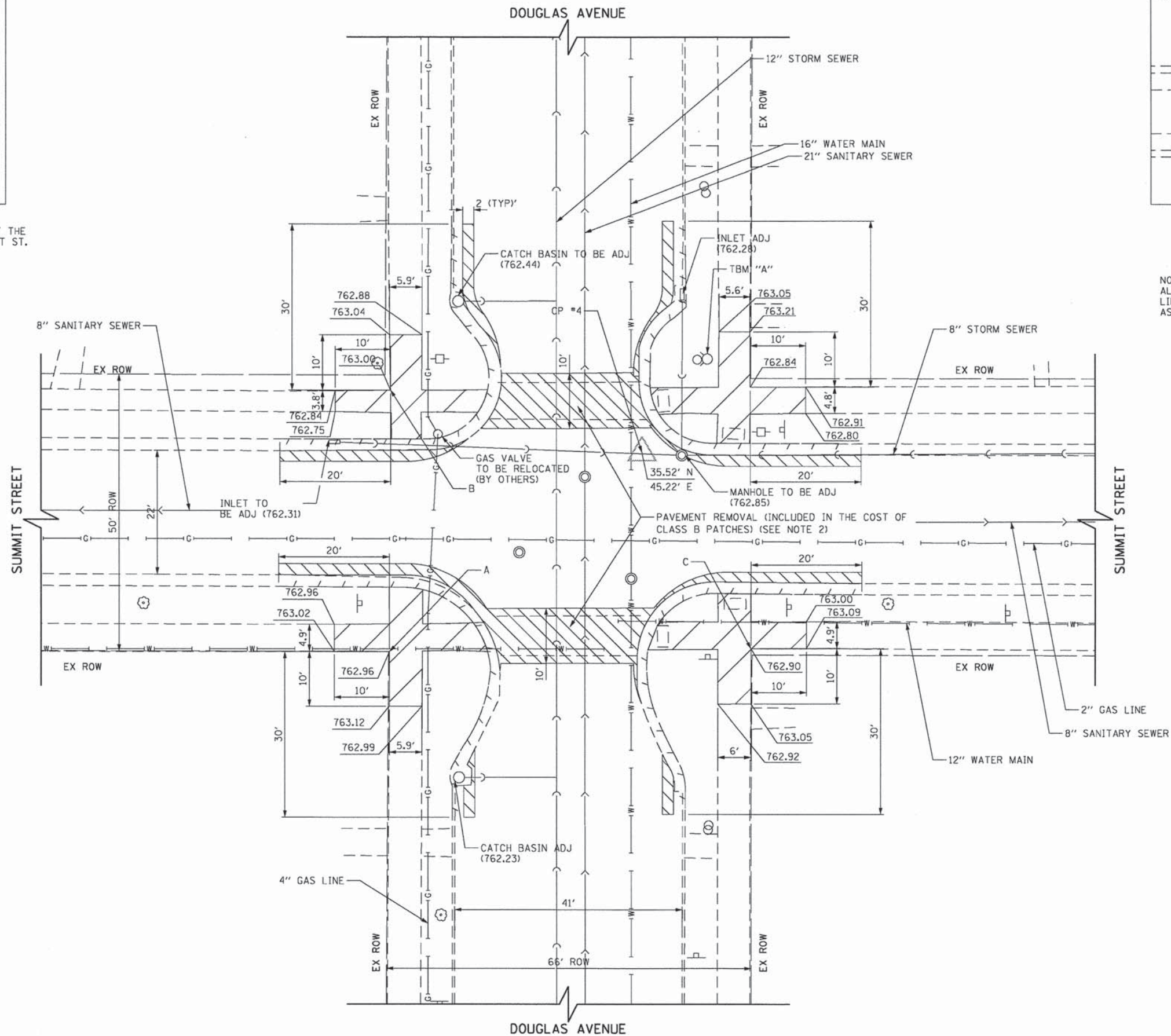


TBM "A"
 SET "X" IN THE SE BOLT OF THE FH AT THE
 NE CORNER OF DOUGLAS AVE AND SUMMIT ST.
 N 1959521.53
 E 997677.47
 ELEV 762.97



POINTS
 A N 1959485.53, E 997946.86
 B N 1959532.81, E 997947.07
 C N 1959486.09, E 998012.16

NOTE:
 ALL DISTANCES ARE MEASURED OFF OF THE GRID
 LINES SHOWN ON THE PLAN. THE POINTS ARE LABELED
 AS NORTH, SOUTH, EAST, OR WEST OF THE GRID LINES.



- NOTES:
1. ADA TILE REMOVAL SHALL BE INCLUDED IN THE COST OF SIDEWALK REMOVAL
 2. PAVEMENT REMOVAL SHALL INCLUDE BOTH CONCRETE AND COMPOSITE PAVEMENTS.

EXISTING PLAN LEGEND

- COMBINATION CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL

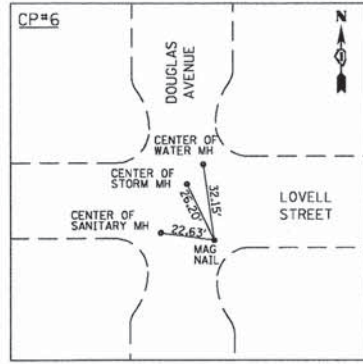
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	PLOT SCALE =	CHECKED - ESN	REVISED -
	PLOT DATE = 8/22/2013	DATE - 08-22-13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

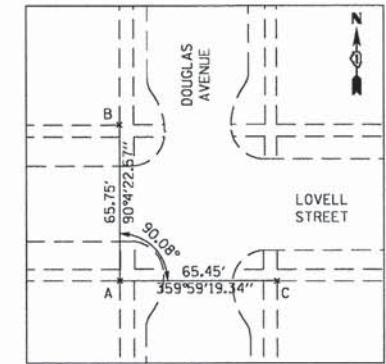
ELGIN BIKEWAY ROUTE 1 NE
 EXISTING INTERSECTION PLAN
 DOUGLAS AVENUE AND SUMMIT STREET

SCALE: 1"=10' SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	16
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT				



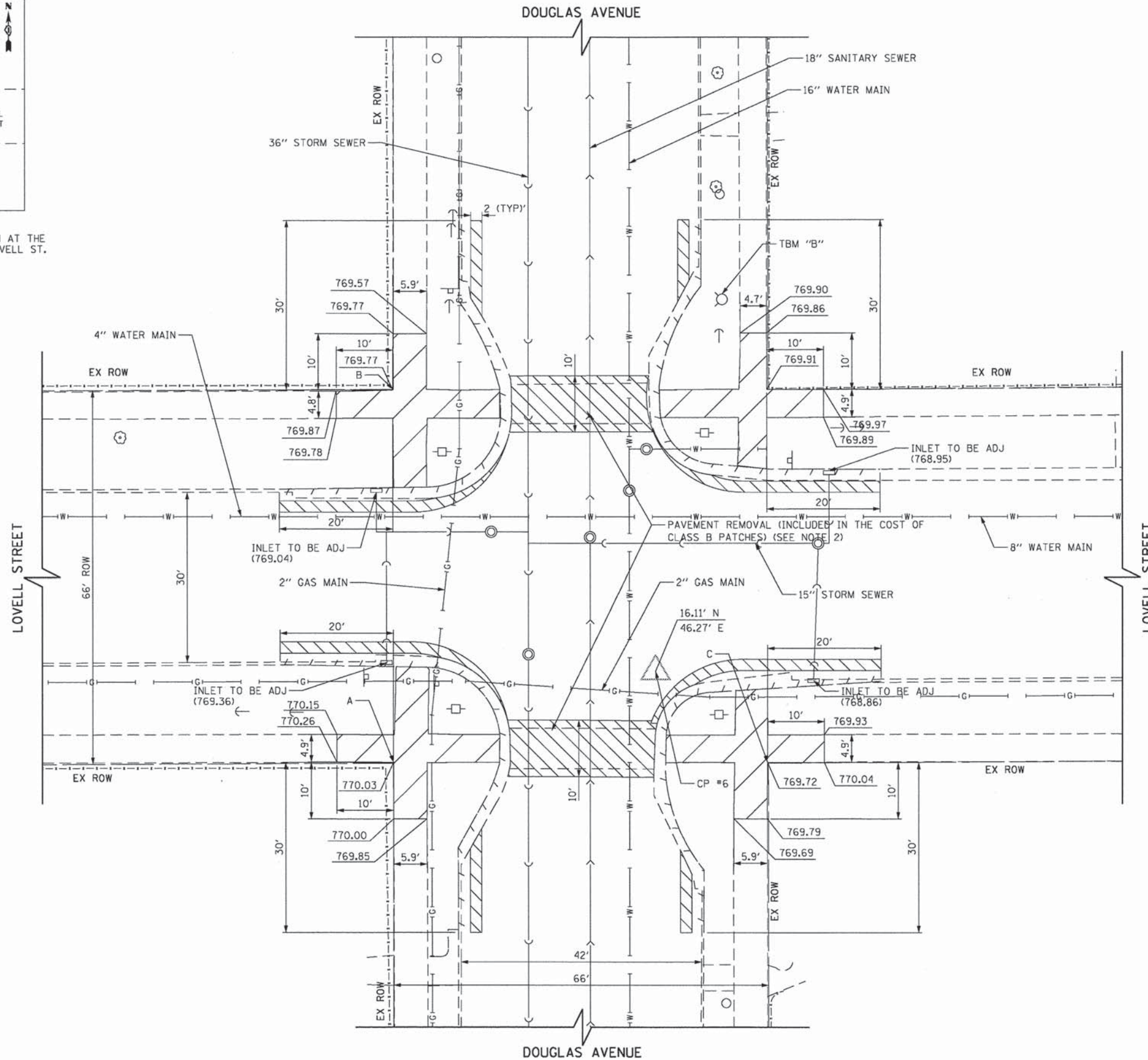
TBM "B"
 SET "X" IN THE SE BOLT OF THE FH AT THE
 NE CORNER OF DOUGLAS AVE AND LOVELL ST.
 N 1960763.23
 E 997677.04
 ELEV 769.97



POINTS

A N 1960747.13, E 997945.87
 B N 1960812.88, E 997945.78
 C N 1960747.12, E 998011.81

NOTE:
 ALL DISTANCES ARE MEASURED OFF OF THE GRID
 LINES SHOWN ON THE PLAN. THE POINTS ARE LABELED
 AS NORTH, SOUTH, EAST, OR WEST OF THE GRID LINES.



- NOTES:
1. ADA TILE REMOVAL SHALL BE INCLUDED IN THE COST OF SIDEWALK REMOVAL.
 2. PAVEMENT REMOVAL SHALL INCLUDE BOTH CONCRETE AND COMPOSITE PAVEMENTS.

EXISTING PLAN LEGEND

- COMBINATION CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL

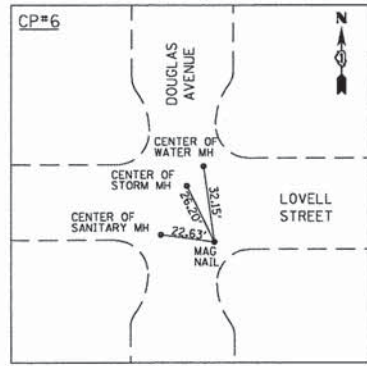
FILE NAME = G:\CD13\0005\Road\Sheets\30025-SHT-PP-1	USER NAME = a_jpondexter 2-1.dgn	DESIGNED - BAF	REVISED -
		DRAWN - AJP	REVISED -
		CHECKED - ESN	REVISED -
		DATE - 08-22-13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

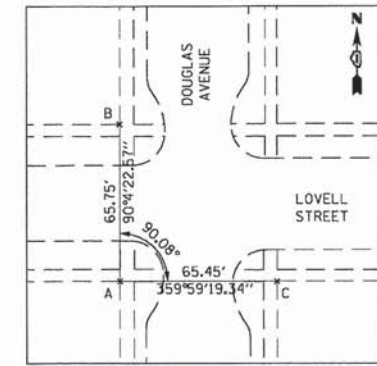
ELGIN BIKEWAY ROUTE 1 NE
 EXISTING INTERSECTION PLAN
 DOUGLAS AVENUE AND LOVELL STREET

SCALE: 1"=10' SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	18
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT				

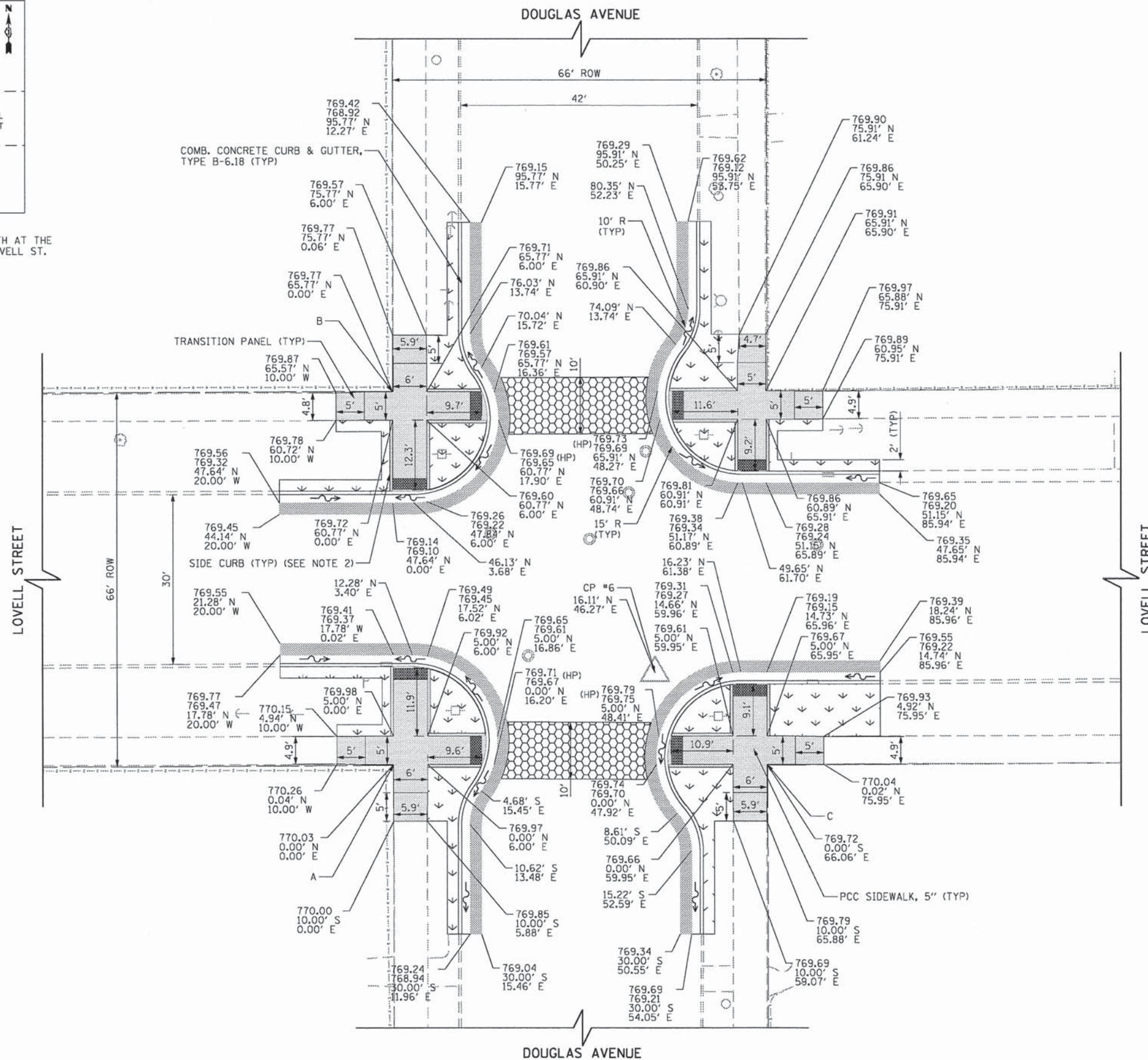


TBM "B"
 SET "X" IN THE S.E. BOLT OF THE FH AT THE
 NE CORNER OF DOUGLAS AVE AND LOVELL ST.
 N 1960763.23
 E 997677.04
 ELEV 769.97



POINTS
 A N 1960747.13, E 997945.87
 B N 1960812.88, E 997945.78
 C N 1960747.12, E 998011.81

NOTE:
 ALL DISTANCES ARE MEASURED OFF OF THE GRID
 LINES SHOWN ON THE PLAN. THE POINTS ARE LABELED
 AS NORTH, SOUTH, EAST, OR WEST OF THE GRID LINES.

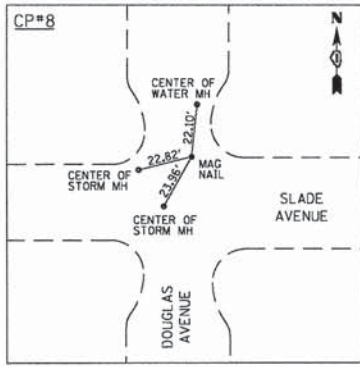


NOTE:
 1. FOR MONOLITHIC COMBINATION CURB AND GUTTER DETAILS SEE SHEET 5.
 2. SIDE CURB TO BE PAID FOR AS PCC SIDEWALK, 5".

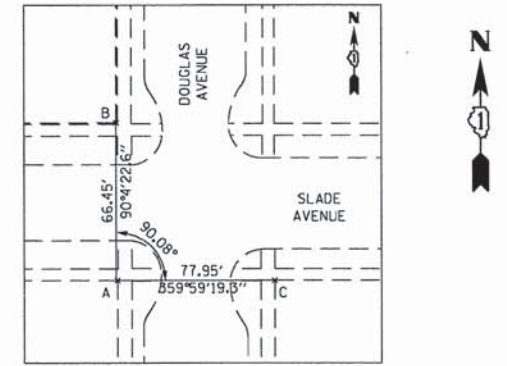
PROPOSED PLAN LEGEND

- DETECTABLE WARNINGS
- TOPSOIL, FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- HMA SURFACE MIX "D", N70, 2" PCC BASE COURSE, 11" (TO BE POURED MONOLITHICALLY WITH COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18)
- CLASS B PATCHING, 2" HMA SURFACE MIX "D", N70, 2"
- PCC SIDEWALK, 5"
- DIRECTION OF FLOW
- XXX.XX TOP OF CURB ELEVATION
- XXX.XX EDGE OF PAVEMENT ELEVATION
- XXX.XX N OFFSET DISTANCES
- XXX.XX E

FILE NAME =	USER NAME = a_jpondexter	DESIGNED - BAF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ELGIN BIKEWAY ROUTE 1 NE PROPOSED INTERSECTION PLAN DOUGLAS AVENUE AND SUMMIT STREET		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
G:\CDI\3\0005\Road\Sheets\30005-SHT-PP-1-2-2.dgn		DRAWN - AJP	REVISED -		SCALE: 1"=10'	SHEET NO. 4 OF 6 SHEETS	STA.	TO STA.	09-00175-00-BT	KANE	44	19
		CHECKED - ESN	REVISED -		PROJECT NO: CMM-9003(233)	CONTRACT NO. 63871		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
		DATE - 08-22-13	REVISED -									

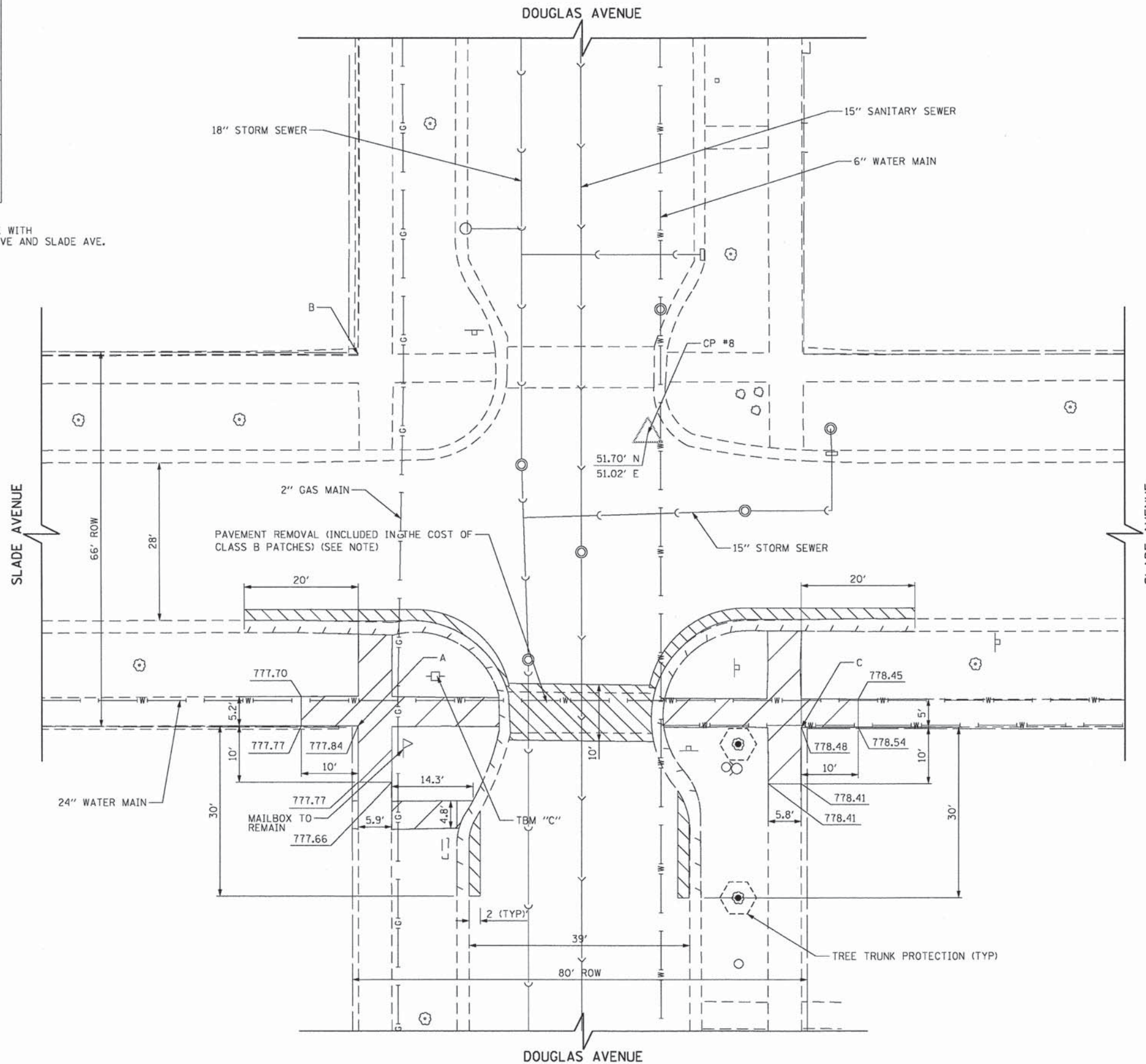


TBM "C"
 SET RAILROAD SPIKE IN THE POWER POLE WITH
 LIGHT AT THE SW CORNER OF DOUGLAS AVE AND SLADE AVE.
 N 1962016.60
 E 997675.57
 ELEV 779.28



POINTS
 A N 1961965.20, E 997939.56
 B N 1962031.64, E 997938.95
 C N 1961964.89, E 998017.51

NOTE:
 ALL DISTANCES ARE MEASURED OFF OF THE GRID
 LINES SHOWN ON THE PLAN. THE POINTS ARE LABELED
 AS NORTH, SOUTH, EAST, OR WEST OF THE GRID LINES.



NOTES: 1. ADA TILE REMOVAL SHALL BE INCLUDED IN THE COST OF SIDEWALK REMOVAL
 2. PAVEMENT REMOVAL SHALL INCLUDE BOTH CONCRETE AND COMPOSITE PAVEMENTS.

EXISTING PLAN LEGEND

- COMBINATION CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL

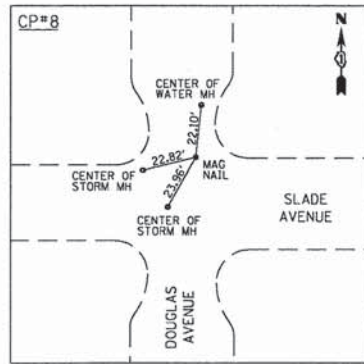
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	PLOT SCALE =	CHECKED - ESN	REVISED -
	PLOT DATE = 8/22/2013	DATE - 08-22-13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ELGIN BIKEWAY ROUTE 1 NE
 EXISTING INTERSECTION PLAN
 DOUGLAS AVENUE AND SLADE AVENUE

SCALE: 1"=10' SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	20
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63B71		
FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT				

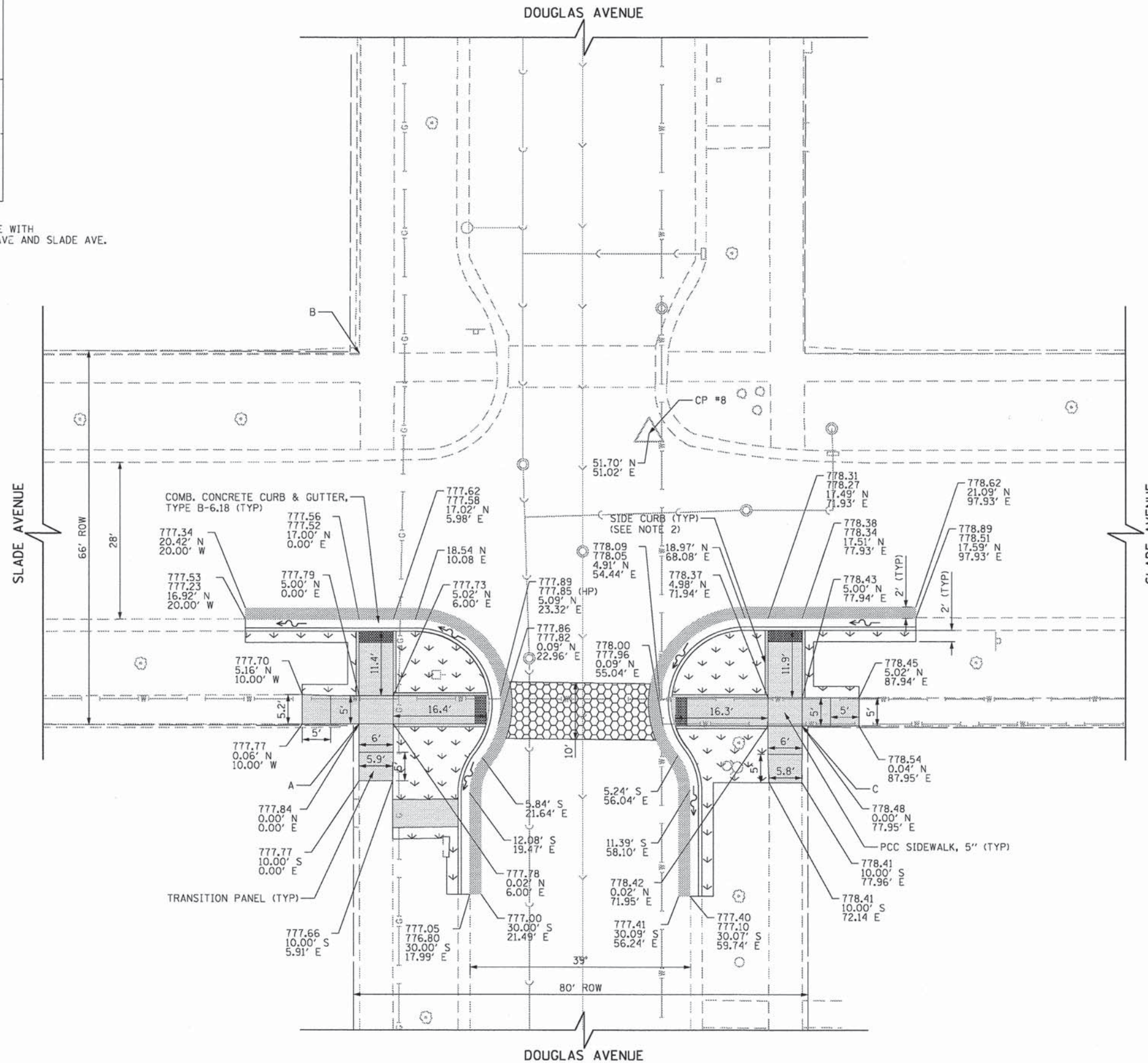


TBM "C"
 SET RAILROAD SPIKE IN THE POWER POLE WITH
 LIGHT AT THE SW CORNER OF DOUGLAS AVE AND SLADE AVE.
 N 1962016.60
 E 997675.57
 ELEV 779.28



POINTS
 A N 1961965.20, E 997939.56
 B N 1962031.64, E 997938.95
 C N 1961964.89, E 998017.51

NOTE:
 ALL DISTANCES ARE MEASURED OFF OF THE GRID
 LINES SHOWN ON THE PLAN. THE POINTS ARE LABELED
 AS NORTH, SOUTH, EAST, OR WEST OF THE GRID LINES.



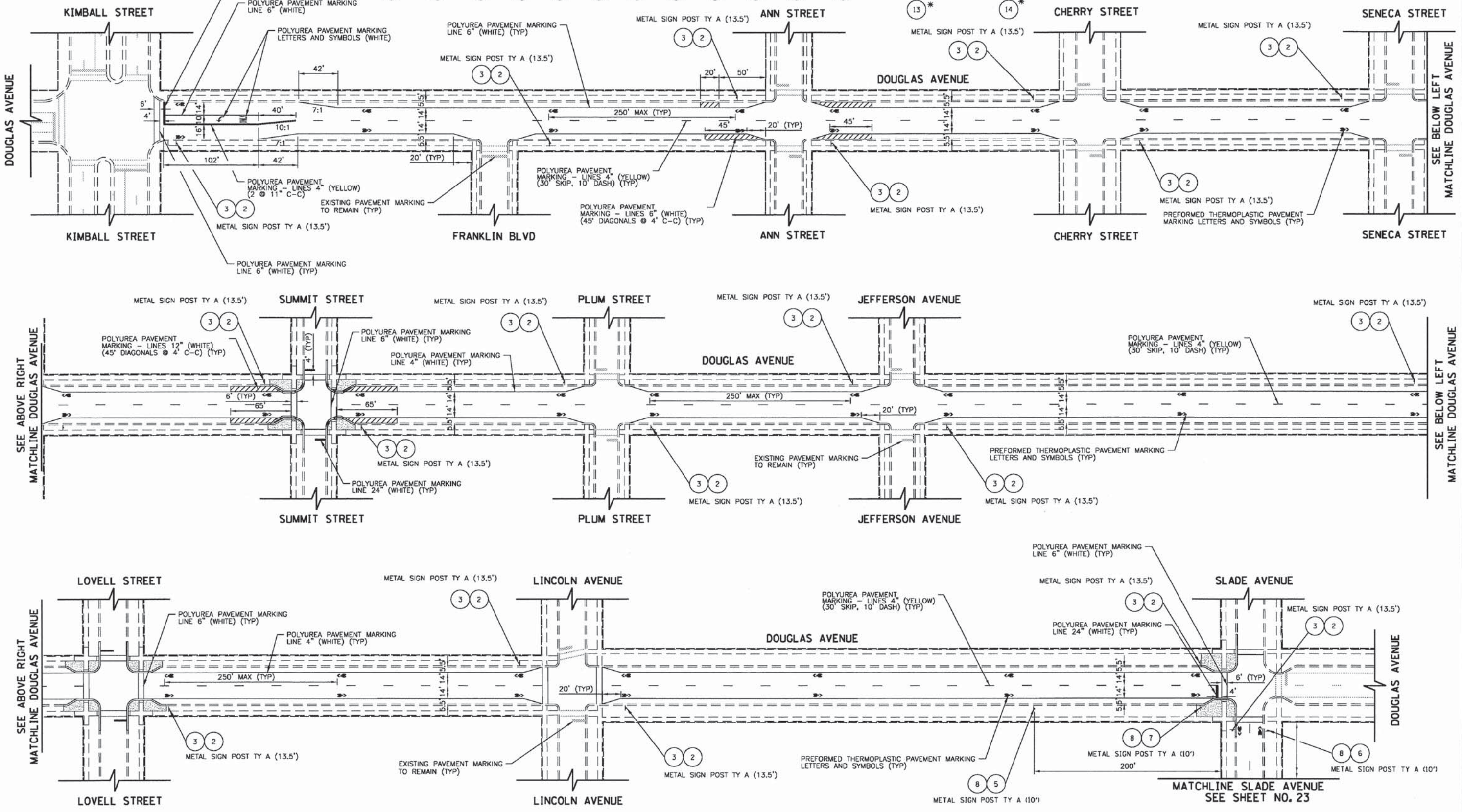
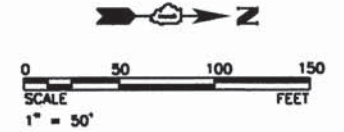
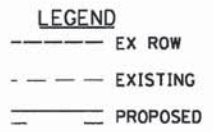
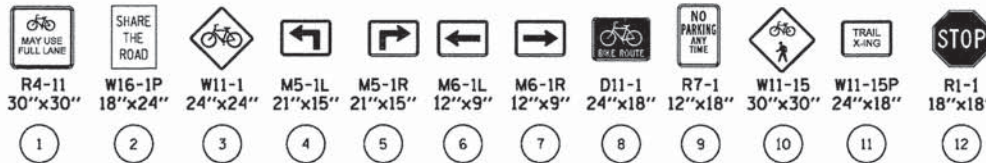
NOTE:
 1. FOR MONOLITHIC COMBINATION
 CURB AND GUTTER DETAILS
 SEE SHEET 5.
 2. SIDE CURB TO BE PAID FOR
 AS PCC SIDEWALK, 5".

PROPOSED PLAN LEGEND

- DETECTABLE WARNINGS
- TOPSOIL, FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
- HMA SURFACE MIX "D", N70, 2"
PCC BASE COURSE, 11"
(TO BE POURED MONOLITHICALLY
WITH COMBINATION CONCRETE CURB
AND GUTTER, TYPE B-6.18)
- CLASS B PATCHING, 2"
HMA SURFACE MIX "D", N70, 2"
- PCC SIDEWALK, 5"
- DIRECTION OF FLOW
- XXX.XX TOP OF CURB ELEVATION
XXX.XX EDGE OF PAVEMENT ELEVATION
XXX.XX N OFFSET DISTANCES
XXX.XX E

FILE NAME = G:\CD13\0025\Road\Sheets\30025-SHT-PP-1-3-2.dgn	USER NAME = ajpandexter	DESIGNED - BAF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ELGIN BIKEWAY ROUTE 1 NE PROPOSED INTERSECTION PLAN DOUGLAS AVENUE TO SLADE AVENUE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE =	CHECKED - ESN	REVISED -	REVISED -		SCALE: 1"=10'	SHEET NO. 6 OF 6 SHEETS	STA.	TO STA.	09-00175-00-BT	KANE	44	21
PLOT DATE = 8/22/2013	DATE - 08-22-13	REVISED -	REVISED -						PROJECT NO: CMM-9003(233)	CONTRACT NO. 63871		
									FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT			

* SEE SHEETS 25 AND 26 FOR SIGN DETAILS

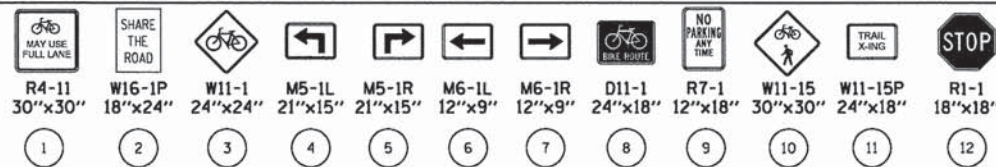


NOTES: 1. ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT.

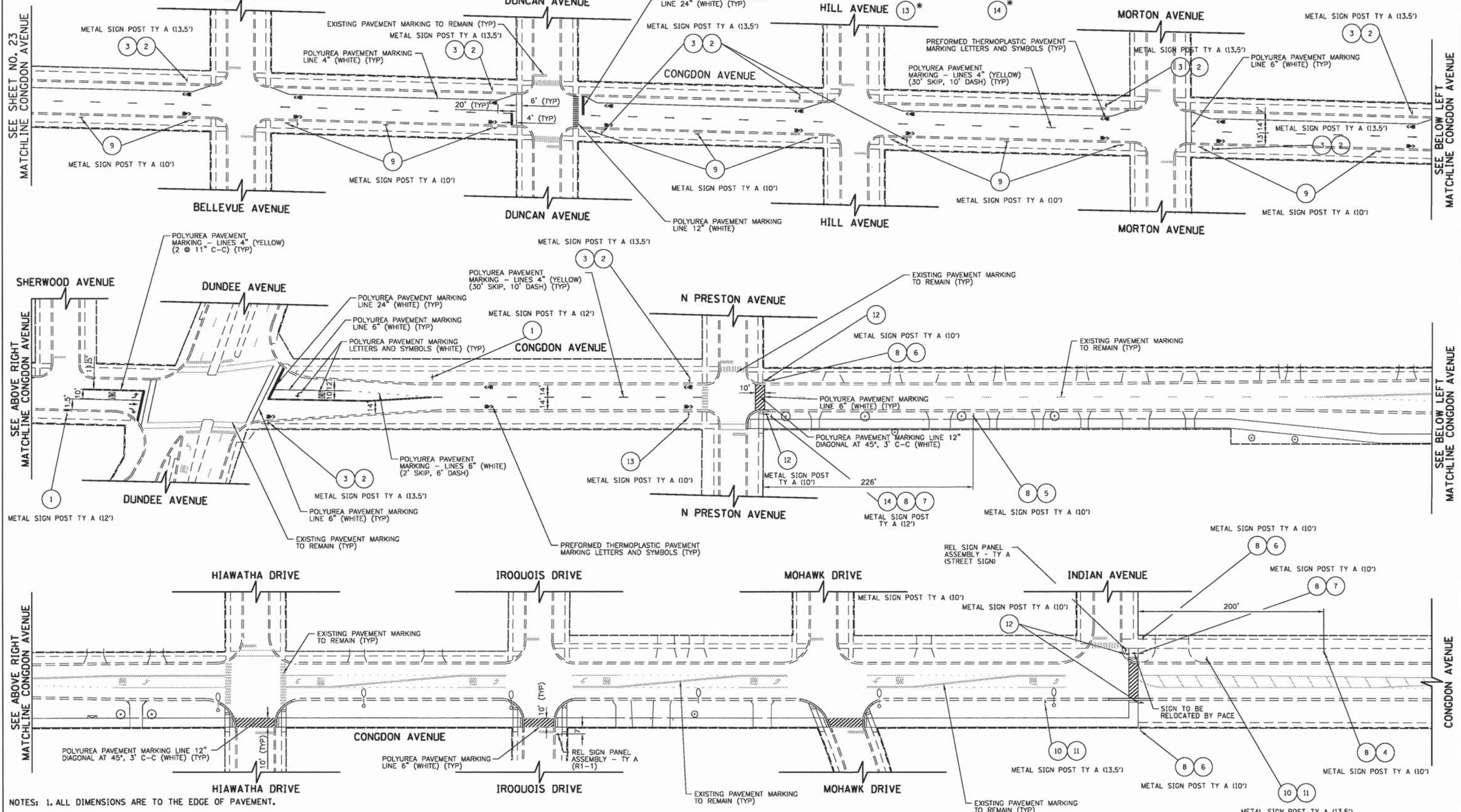
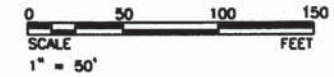
2. EXISTING PAVEMENT MARKING IS TO BE REMOVED PRIOR TO PLACEMENT OF NEW POLYUREA.

FILE NAME = G:\CD13\0025\Road\Sheets\30025-SHT-PM-2-1.dgn USER NAME = bafax DESIGNED - BAF DRAWN - AJP CHECKED - ESN DATE - 08-22-13 PLOT SCALE = PLOT DATE = 9/26/2013	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ELGIN BIKEWAY ROUTE 1 NE PROPOSED STRIPING AND SIGNAGE PLAN DOUGLAS AVENUE - KIMBALL STREET TO SLADE AVENUE		F.A.U. RTE. - PROJECT NO: CMM-9003(233) FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT
			SCALE: 1"=50' SHEET NO. 1 OF 3 SHEETS STA. TO STA.	COUNTY KANE CONTRACT NO. 63871	TOTAL SHEETS 44 SHEET NO. 22

* SEE SHEETS 25 AND 26 FOR SIGN DETAILS



LEGEND
 --- EX ROW
 - - - EXISTING
 --- PROPOSED



NOTES: 1. ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT.
 2. EXISTING PAVEMENT MARKING IS TO BE REMOVED PRIOR TO PLACEMENT OF NEW POLYUREA.

FILE NAME = G:\CD\13\0025\Road\Sheets\30025-SHT-PM-2-3.dgn	USER NAME = ajpandexter	DESIGNED = BAF	REVISED =
PLT SCALE =	CHECKED = ESN	DRAWN = AJP	REVISED =
PLT DATE = 9/26/2013	DATE = 08-22-13		REVISED =

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

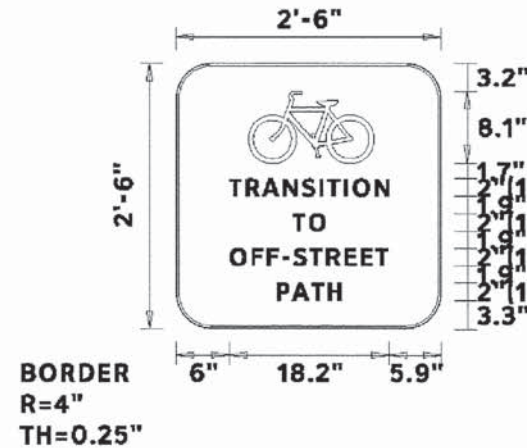
ELGIN BIKEWAY ROUTE 1 NE
 PROPOSED STRIPING AND SIGNAGE PLAN
 CONGDON AVENUE - BELLEVUE AVENUE TO INDIAN DRIVE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	24
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

SIGN DETAIL

1:20



FONT:
(1) ClearviewHwy-5-W-R

Panel Style: Guide Sign Bike Path.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Guide Sign Bike Path.ssi
Dimensions are in inches.tenths

Letter locations are paneledge to lower left corner

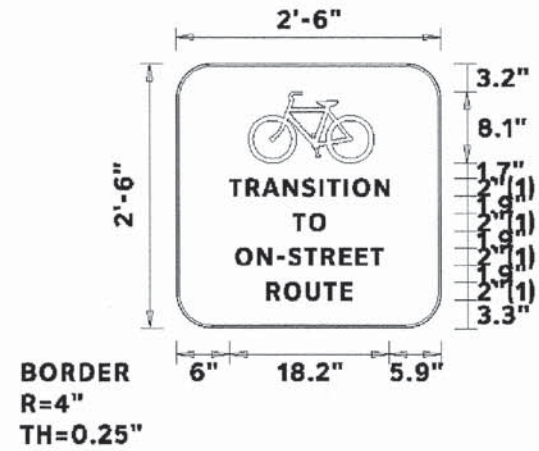
SIGN NUMBER	name
WIDTH x HGHT.	2'-6" x 2'-6"
BORDER WIDTH	0.25"
CORNER RADIUS	4"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
BICYC	0	8.2	18.6	14.2	8.1

LETTER POSITIONS (X)

										LENGTH	SERIES	SIZE
T	R	A	N	S	I	T	I	O	N			ClearviewHwy-5-W-R
6	7.9	9.8	12.1	14.3	16.3	17.1	19.1	20	22.5	18.2	2	
T	O											ClearviewHwy-5-W-R
13.2	15.1									3.7	2	
O	F	F	-	S	T	R	E	E	T			ClearviewHwy-5-W-R
6.1	8.6	10.3	12.1	13.3	15.1	17	19.1	20.9	22.6	17.9	2	
P	A	T	H									ClearviewHwy-5-W-R
11.4	13.1	15.3	17.2							7.4	2	

SIGN DETAIL
1:20



FONT:
(1) ClearviewHwy-5-W-R

Panel Style: Guide Sign Bike Path.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: Guide Sign Bike Path.ssi
Dimensions are in inches.tenths

Letter locations are paneledge to lower left corner

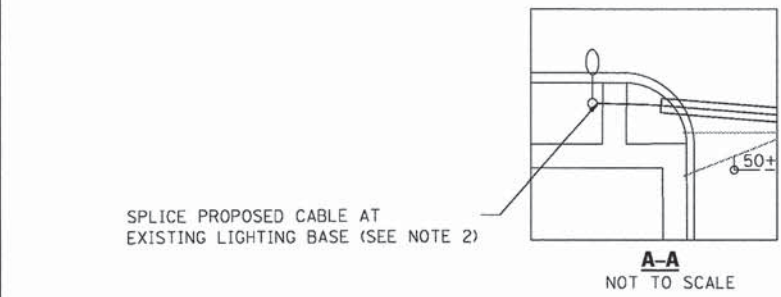
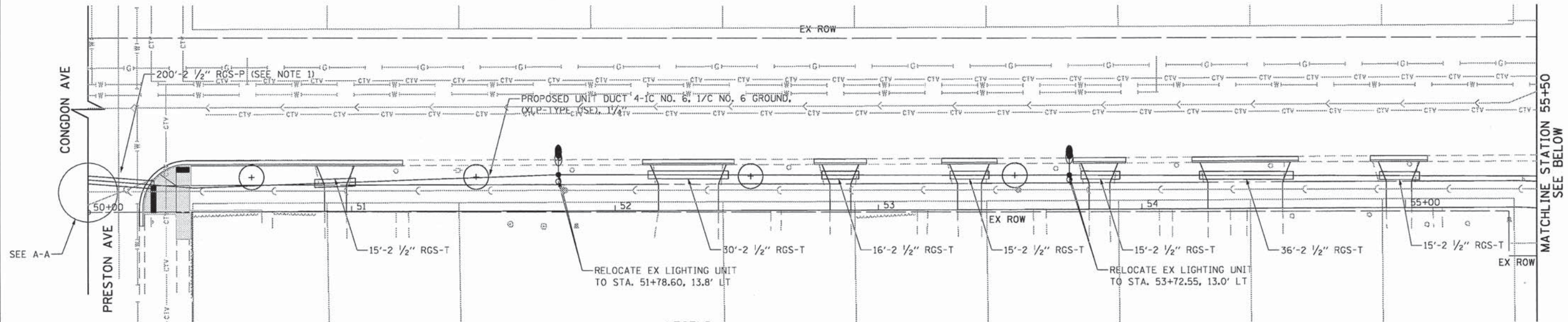
SIGN NUMBER	name
WIDTH x HGT.	2'-6" x 2'-6"
BORDER WIDTH	0.25"
CORNER RADIUS	4"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
BICYC	0	8.2	18.6	14.2	8.1

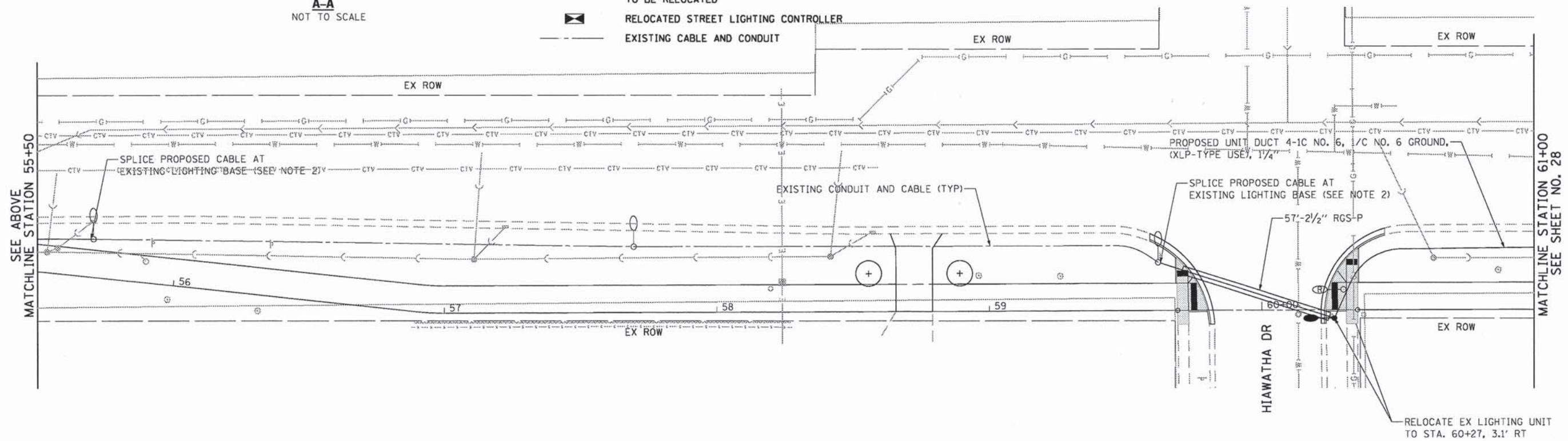
LETTER POSITIONS (X)

										LENGTH	SERIES SIZE
T	R	A	N	S	I	T	I	O	N		ClearviewHwy-5-W-R
6	7.9	9.8	12.1	14.3	16.3	17.1	19.1	20	22.5	18.2	2
T	O										ClearviewHwy-5-W-R
13.2	15.1									3.7	2
O	N	-	S	T	R	E	E	T			ClearviewHwy-5-W-R
6.7	9.2	11.5	12.7	14.5	16.4	18.5	20.3	22		16.7	2
R	O	U	T	E							ClearviewHwy-5-W-R
10.2	12.2	14.7	16.7	18.6						9.7	2

- NOTES: 1. CONDUIT AND CABLE TO BE EXTENDED AND SPLICED AT THE BASE OF THE LIGHT POLE ON THE SOUTHWEST CORNER OF CONGDON AVENUE AND PRESTON AVENUE.
2. COST OF SPLICE PROPOSED CABLE AT EXISTING LIGHTING BASE INCLUDED IN COST OF NEW UNIT DUCT.
3. RESTORATION OF DISTURBED AREAS SHOWN ON SHEETS 12 TO 15 .

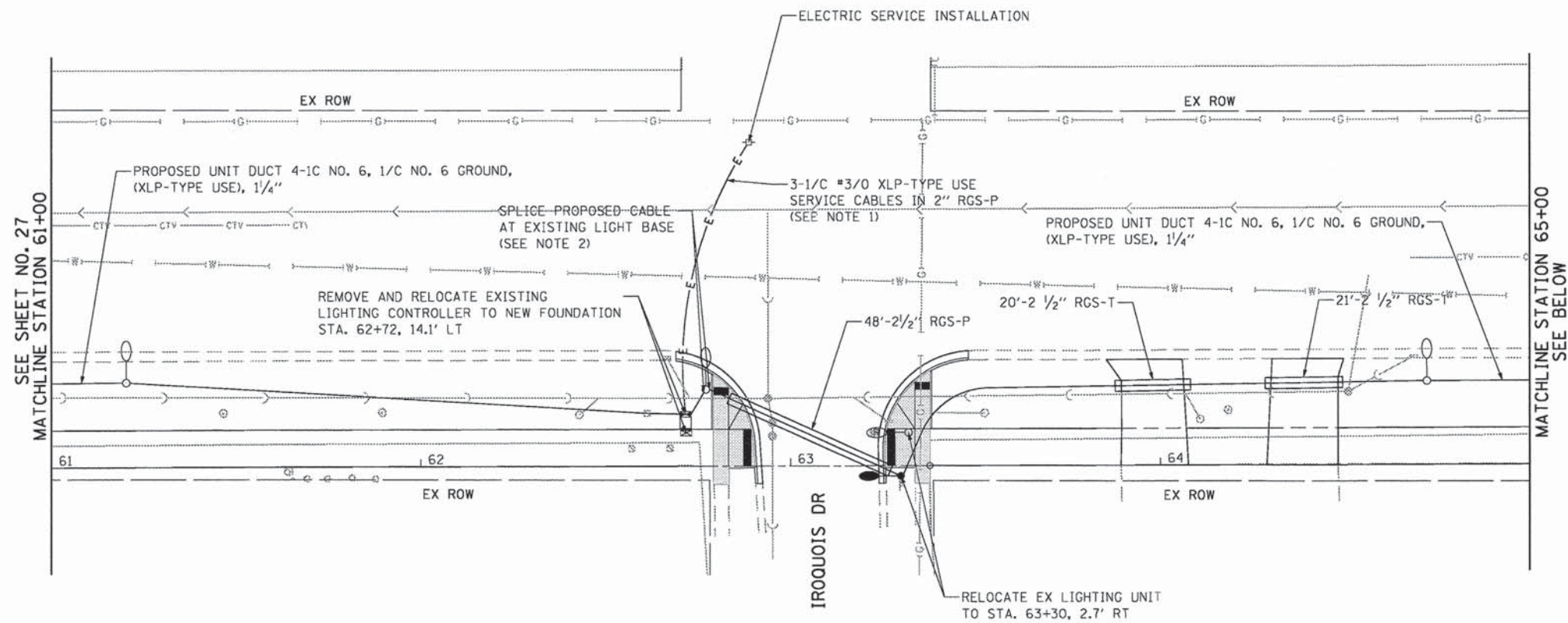


- LEGEND**
- EXISTING LIGHTING UNIT TO REMAIN
 - EXISTING LIGHTING UNIT TO BE RELOCATED
 - RELOCATED LIGHTING UNIT
 - PROPOSED UNIT DUCT 4-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4"
 - PROPOSED 2 1/2" RIGID GALVANIZED STEEL CONDUIT UNDER PAVEMENT-PUSHED OR TRENCHED
 - EXISTING STREET LIGHTING CONTROLLER TO BE RELOCATED
 - RELOCATED STREET LIGHTING CONTROLLER
 - EXISTING CABLE AND CONDUIT

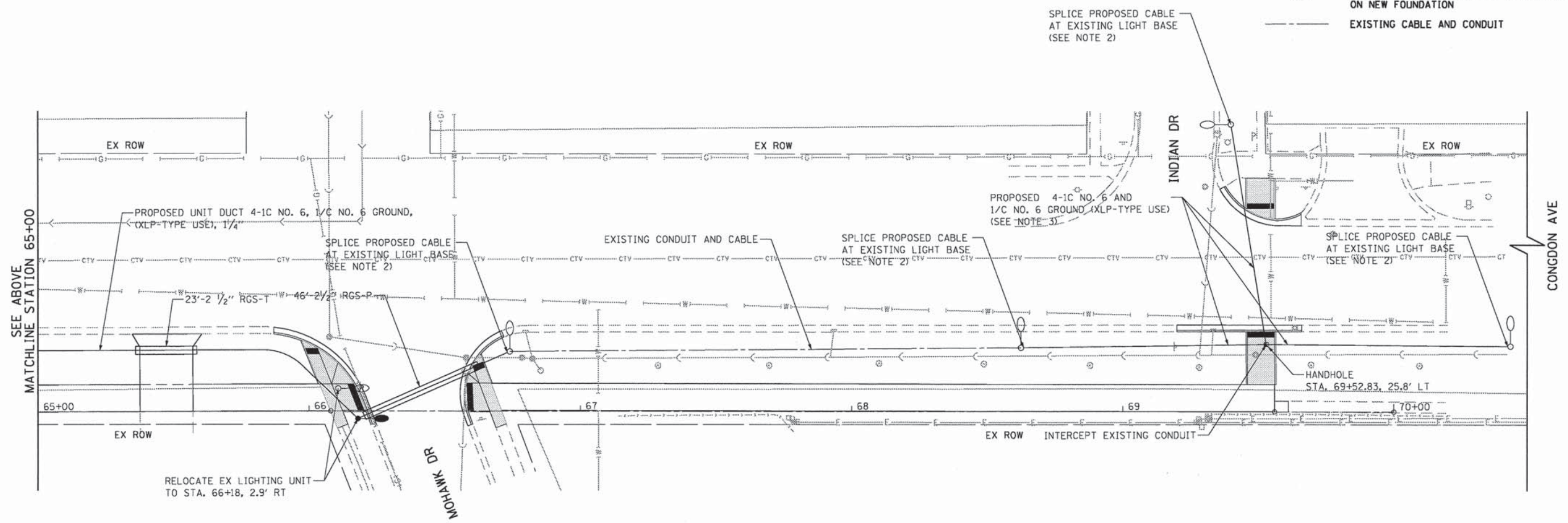


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PLOT SCALE =	CHECKED - ESN	REVISIED -	REVISIED -		SCALE: 1"=20'	SHEET NO. 1 OF 2 SHEETS	STA. 50+00 TO STA. 61+00	PROJECT NO: CMM-9003(233)	CONTRACT NO. 63871			
PLOT DATE = 8/22/2013	DATE - 08-22-13	REVISIED -	REVISIED -									
					FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT							

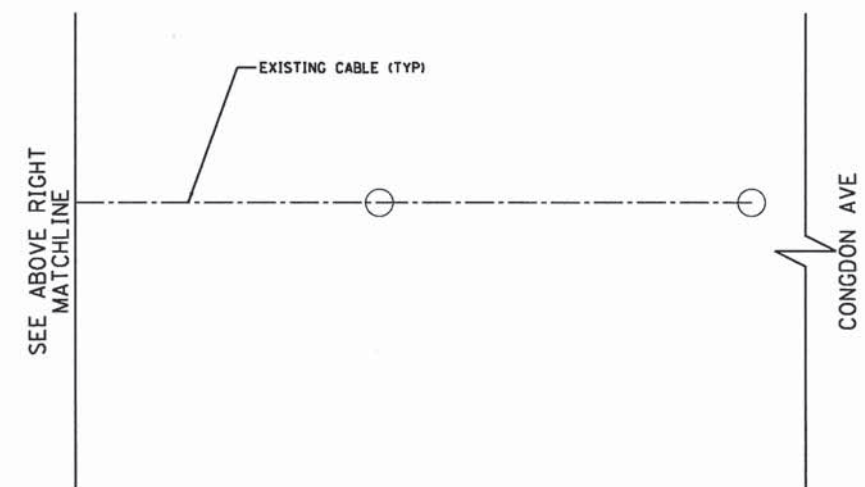
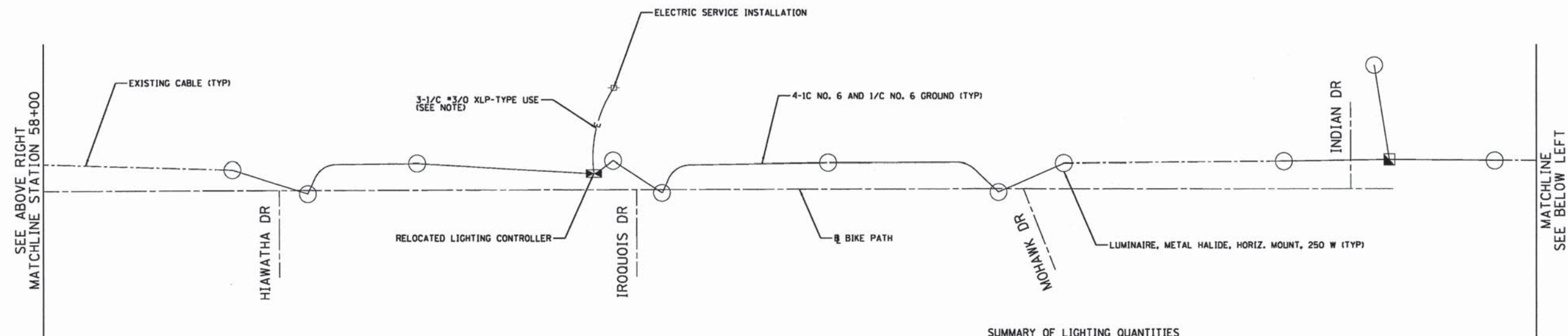
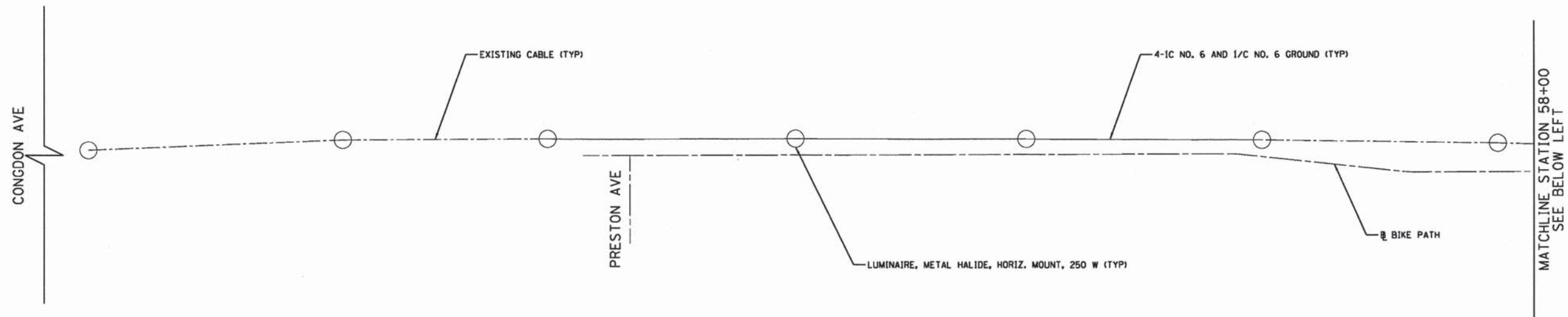
- NOTES: 1. 3-1/8" #3/0 XLP-TYPE USE CABLE AND 2" GALVANIZED STEEL CONDUIT SHALL BE INCLUDED IN THE COST OF "REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER"
2. COST OF SPLICE PROPOSED CABLE AT EXISTING LIGHTING BASE INCLUDED IN COST OF NEW UNIT DUCT.
3. EXISTING CONDUIT TO BE REUSED. VERIFY THAT CONDUIT IS CLEAR OF DEBRIS. IF BLOCKED, CONDUIT IS TO BE RODDED AND CLEANED BEFORE NEW CABLE IS INSTALLED.
4. RESTORATION OF DISTURBED AREAS SHOWN ON SHEETS 12 TO 15.



- LEGEND**
- EXISTING LIGHTING UNIT TO REMAIN
 - EXISTING LIGHTING UNIT TO BE RELOCATED
 - RELOCATED LIGHTING UNIT
 - PROPOSED UNIT DUCT 4-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1/4" (SEE NOTE 2)
 - PROPOSED 2 1/2" RIGID GALVANIZED STEEL CONDUIT UNDER PAVEMENT-PUSHED OR TRENCHED
 - EXISTING STREET LIGHTING CONTROLLER TO BE RELOCATED
 - RELOCATED STREET LIGHTING CONTROLLER ON NEW FOUNDATION
 - EXISTING CABLE AND CONDUIT



FILE NAME = G:\CDI\3\0005\Road\Sheets\30005-SHT-LGH-2-2.dgn	USER NAME = a_jpondexter	DESIGNED - BAF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ELGIN BIKEWAY ROUTE 1 NE LIGHTING PLAN - CONGDON AVENUE N. PRESTON AVENUE TO INDIAN DRIVE	F.A.U. RTE. =	SECTION = 09-00175-00-BT	COUNTY = KANE	TOTAL SHEETS = 44	SHEET NO. = 28
PLOT SCALE =	CHECKED - ESN	REVISED -	SCALE: 1"=20'			SHEET NO. 2 OF 2 SHEETS	PROJECT NO: CMM-9003(233)	CONTRACT NO. 63871		
PLOT DATE = 8/22/2013	DATE - 08-22-13	REVISED -	STA. 61+00			TO STA. 70+50	FED. ROAD DIST. NO. 7	ILLINOIS FED. AID PROJECT		



SUMMARY OF LIGHTING QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	ELECTRIC SERVICE INSTALLATION
557	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
1	EACH	HANDHOLE
1610	FOOT	UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
40	FOOT	LIGHT POLE FOUNDATION, 24" DIAMETER
5	EACH	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE
5	EACH	REMOVAL OF POLE FOUNDATION
5	EACH	RELOCATE EXISTING LIGHTING UNIT
1	EACH	REMOVAL OF LIGHTING CONTROLLER FOUNDATION
270	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING HANDHOLE
270	FOOT	ROD AND CLEAN EXISTING CONDUIT
3	EACH	INTERCEPT EXISTING CONDUIT
2	EACH	HANDHOLE TO BE ADJUSTED
1	EACH	REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER

NOTE: 3-1/C #3/0 XLP-TYPE USE CABLE TO BE INCLUDED IN COST OF "REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER"

LEGEND

- LUMINAIRE, METAL HALIDE, HORIZ. MOUNT, 250 W
- 4-1C NO. 6 AND 1-1/C NO. 6 GROUND
- 3-1/C #3/0 XLP-TYPE USE SERVICE CABLE (SEE NOTE)
- ELECTRIC SERVICE INSTALLATION
- LIGHTING CONTROLLER, 120/240V
- EXISTING CABLE

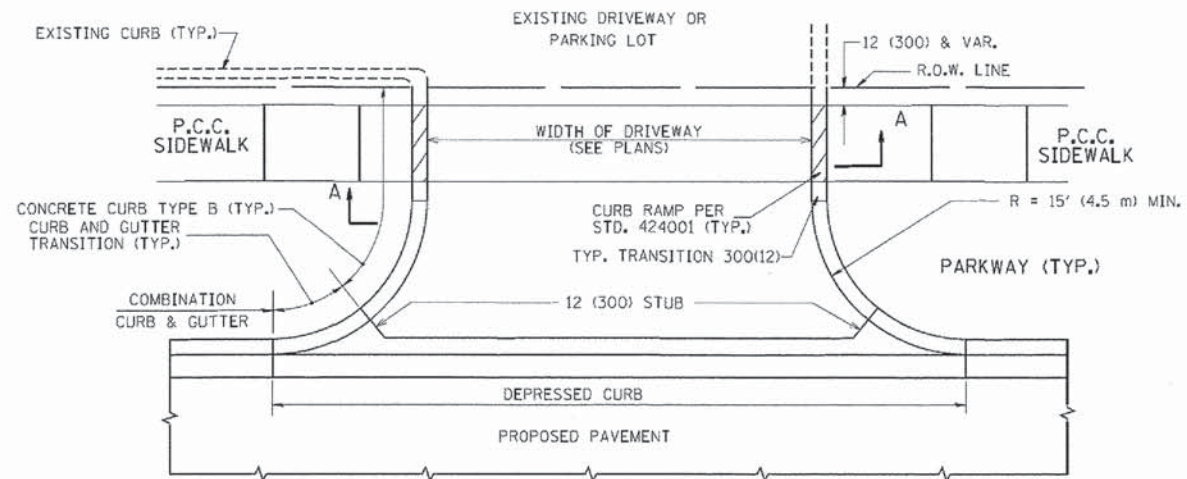
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PLOT SCALE =		CHECKED - ESN	REVISED -
PLOT DATE = 9/22/2013		DATE - 08-22-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

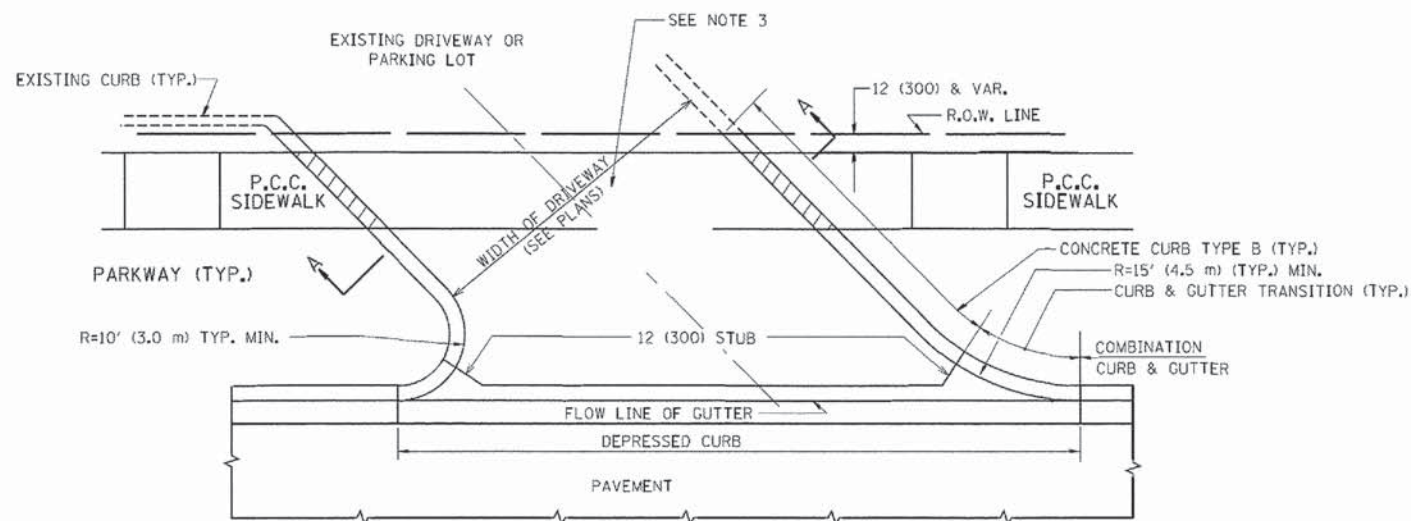
**ELGIN BIKEWAY ROUTE 1 NE
WIRING DIAGRAM - CONGDON AVENUE**

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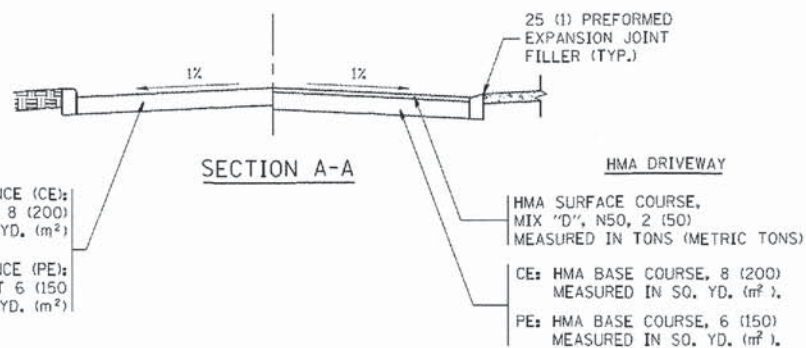
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	29
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT				



WITH CONCRETE CURB, TYPE B

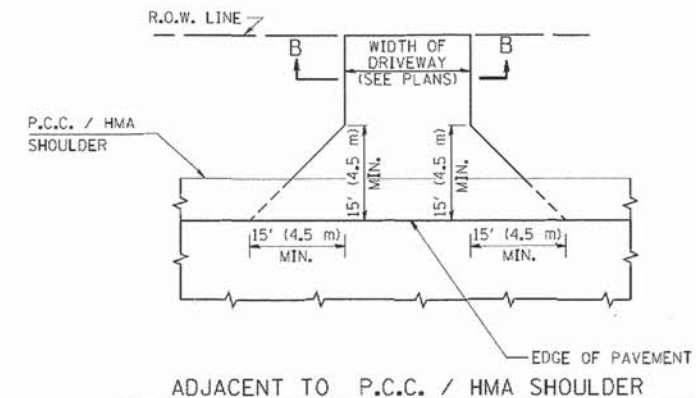


WITH CONCRETE CURB, TYPE B

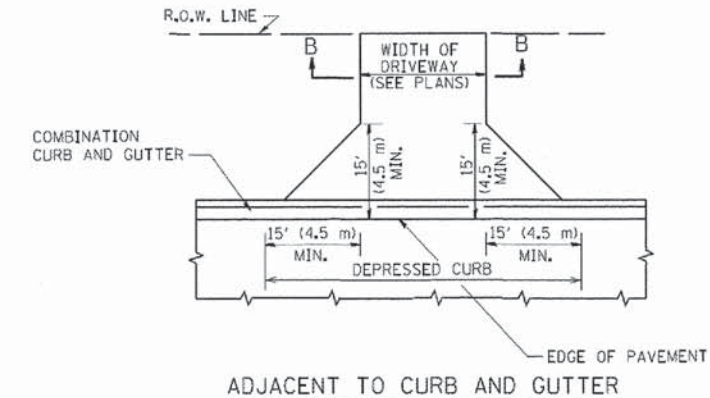


RIGID DRIVEWAY
 COMMERCIAL ENTRANCE (CE):
 P.C.C. DRIVEWAY PAVEMENT 8 (200)
 MEASURED IN SQ. YD. (m²)
 NON-COMMERCIAL ENTRANCE (PE):
 P.C.C. DRIVEWAY PAVEMENT 6 (150)
 MEASURED IN SQ. YD. (m²)

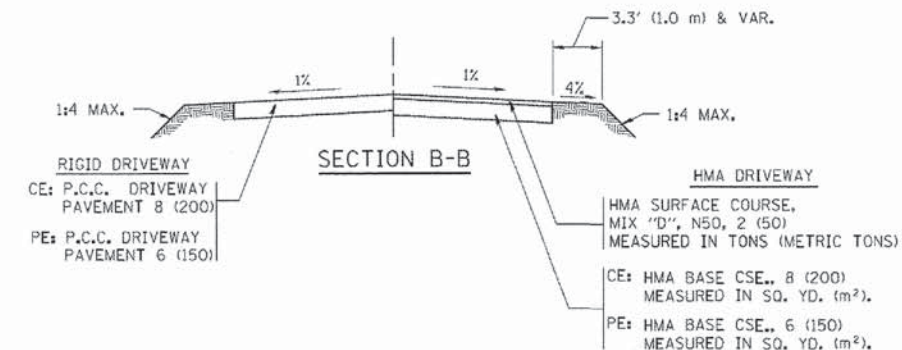
HMA DRIVEWAY
 HMA SURFACE COURSE,
 MIX "D", N50, 2 (50)
 MEASURED IN TONS (METRIC TONS)
 CE: HMA BASE COURSE, 8 (200)
 MEASURED IN SQ. YD. (m²),
 PE: HMA BASE COURSE, 6 (150)
 MEASURED IN SQ. YD. (m²)



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



RURAL FIELD ENTRANCE (FE)
 HMA SURFACE COURSE,
 MIX "D", N50, 2 (50)
 MEASURED IN TONS (METRIC TONS)
 AGGREGATE BASE CSE., TYPE B, 8 (200)
 MEASURED IN SQ. YD. (m²)

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

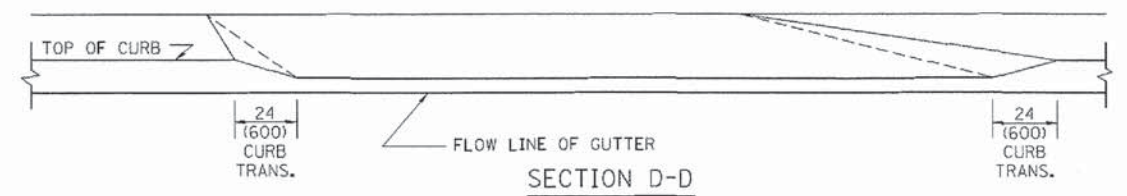
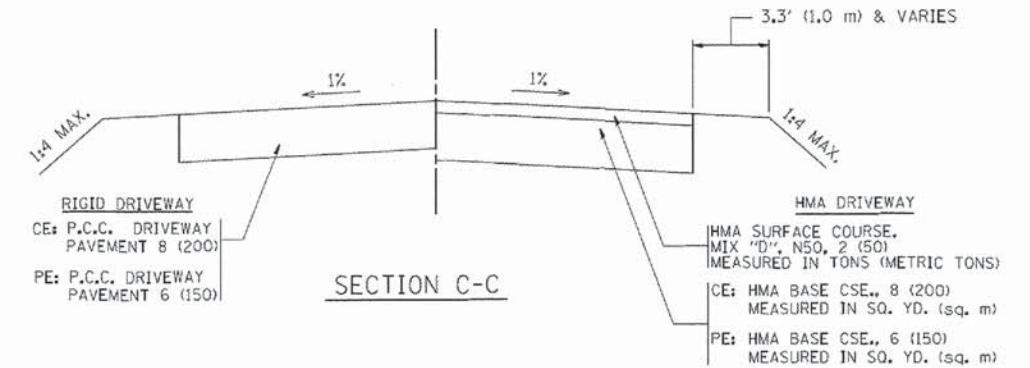
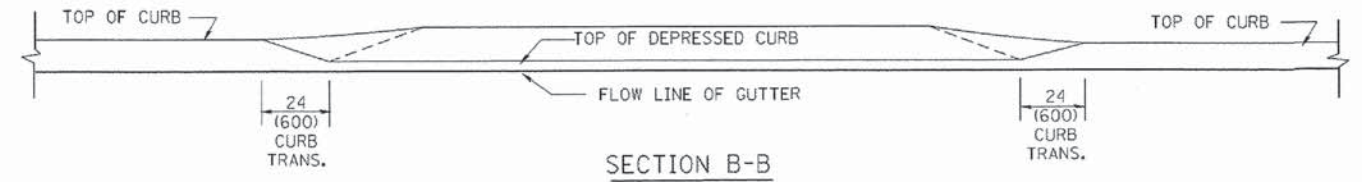
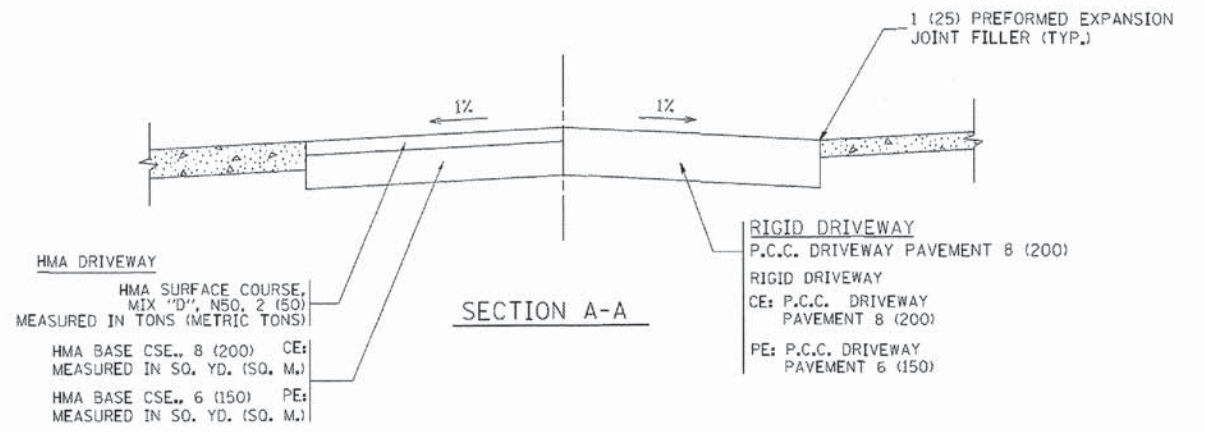
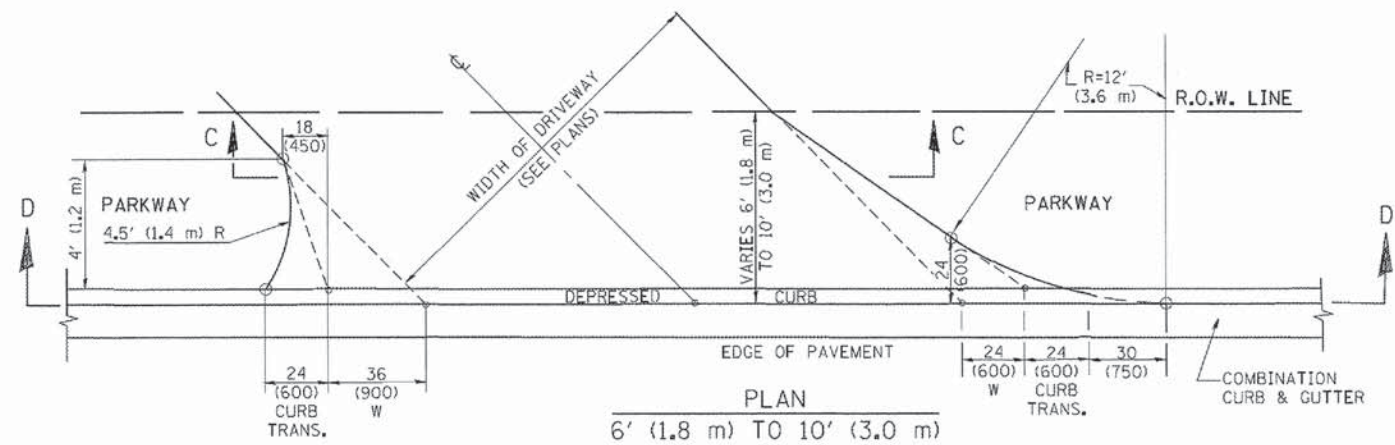
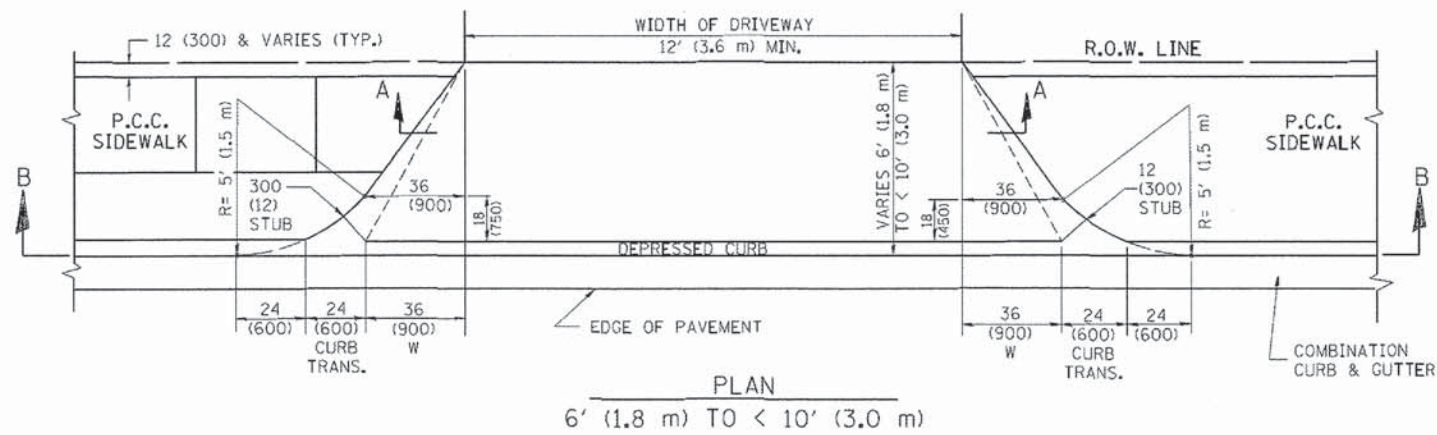
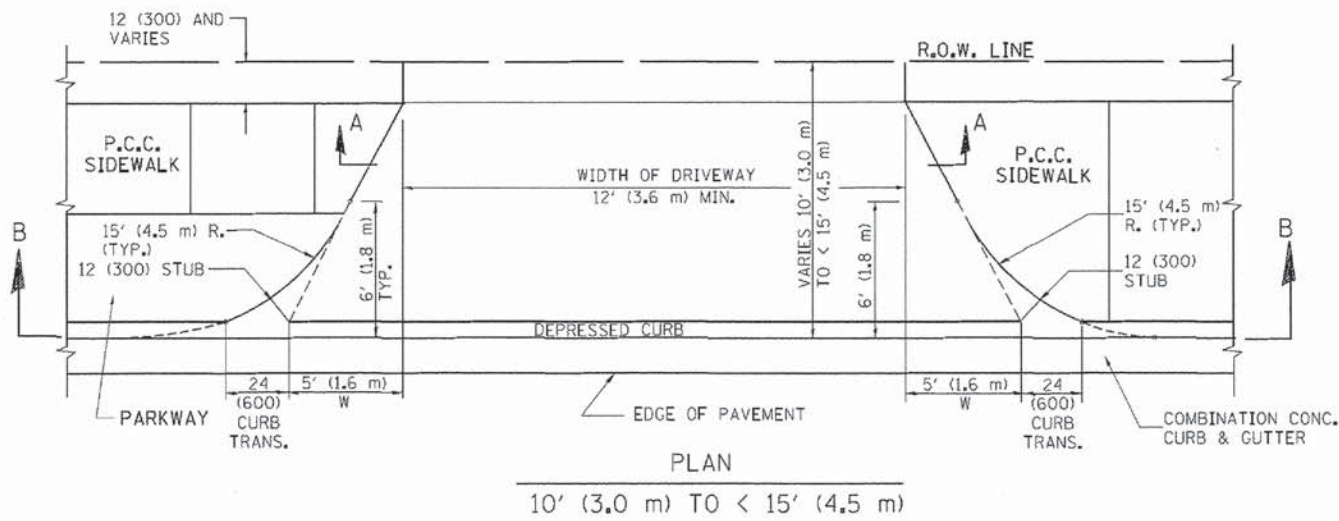
WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

FILE NAME = c:\pe_work\pwidot\logse\vd8188315\bd01.dwg	USER NAME = leuse	DESIGNED - R. SHAH	REVISED - P. LaFLUER 04-15-03
		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - R. BORO 06-11-08
	PLOT DATE = 9/6/2011	DATE - 11-04-95	REVISED - R. BORO 09-06-11

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00175-00-BT	KANE	44	30
BD0156-07 (BD-01)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				



GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

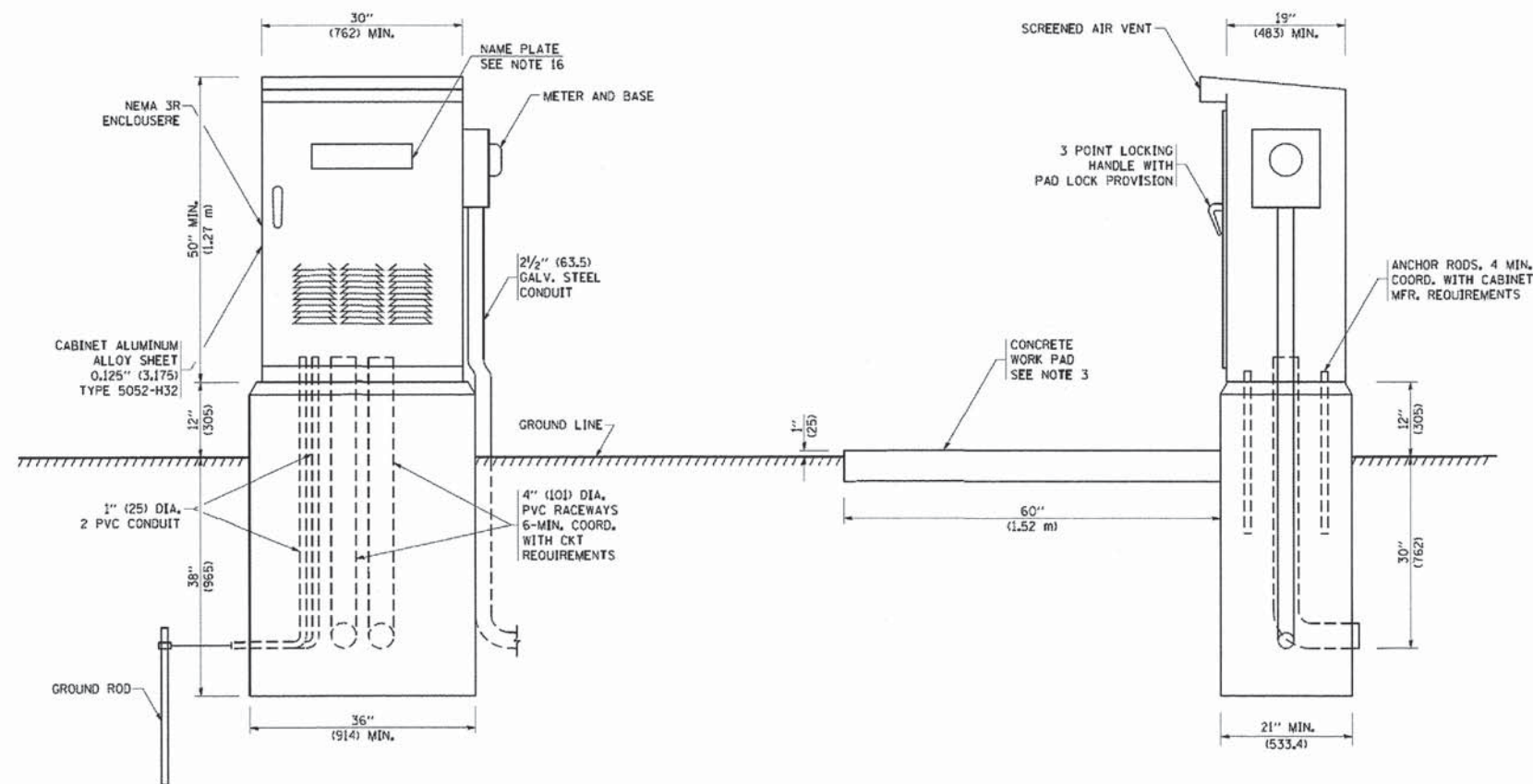
"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

FILE NAME =	USER NAME = lqusa	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
ca\pe_work\pawidot\lqusa\0188315\bd02.dwg		DRAWN -	REVISED - P. LAFLEUR 04-15-03
		CHECKED -	REVISED - R. BORO 01-01-07
		DATE - 11-06-95	REVISED - R. BORO 09-06-11

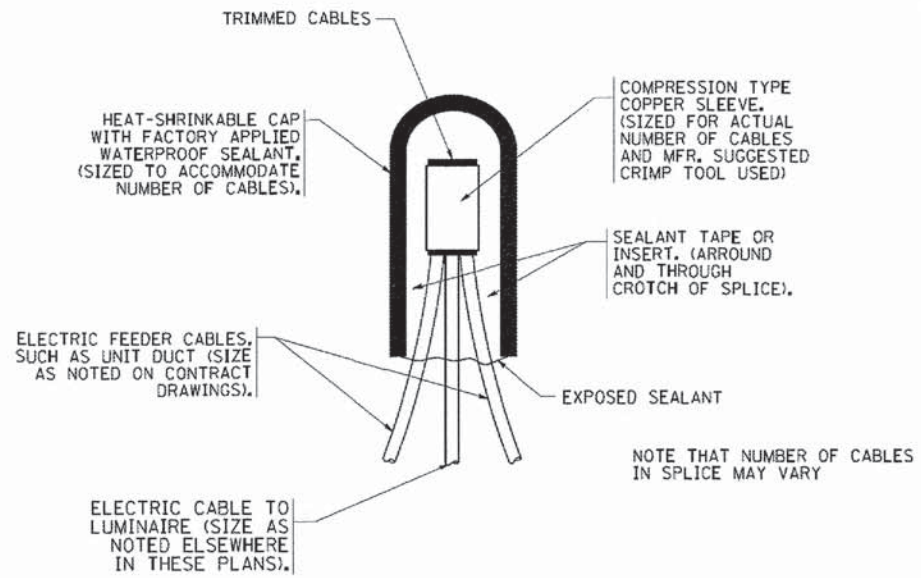
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)			09-00175-00-BT	KANE	44	31
SCALE: NONE			BD400-02 (BD-02)		CONTRACT NO. 63871	
SHEET NO. 1 OF 1 SHEETS			FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	



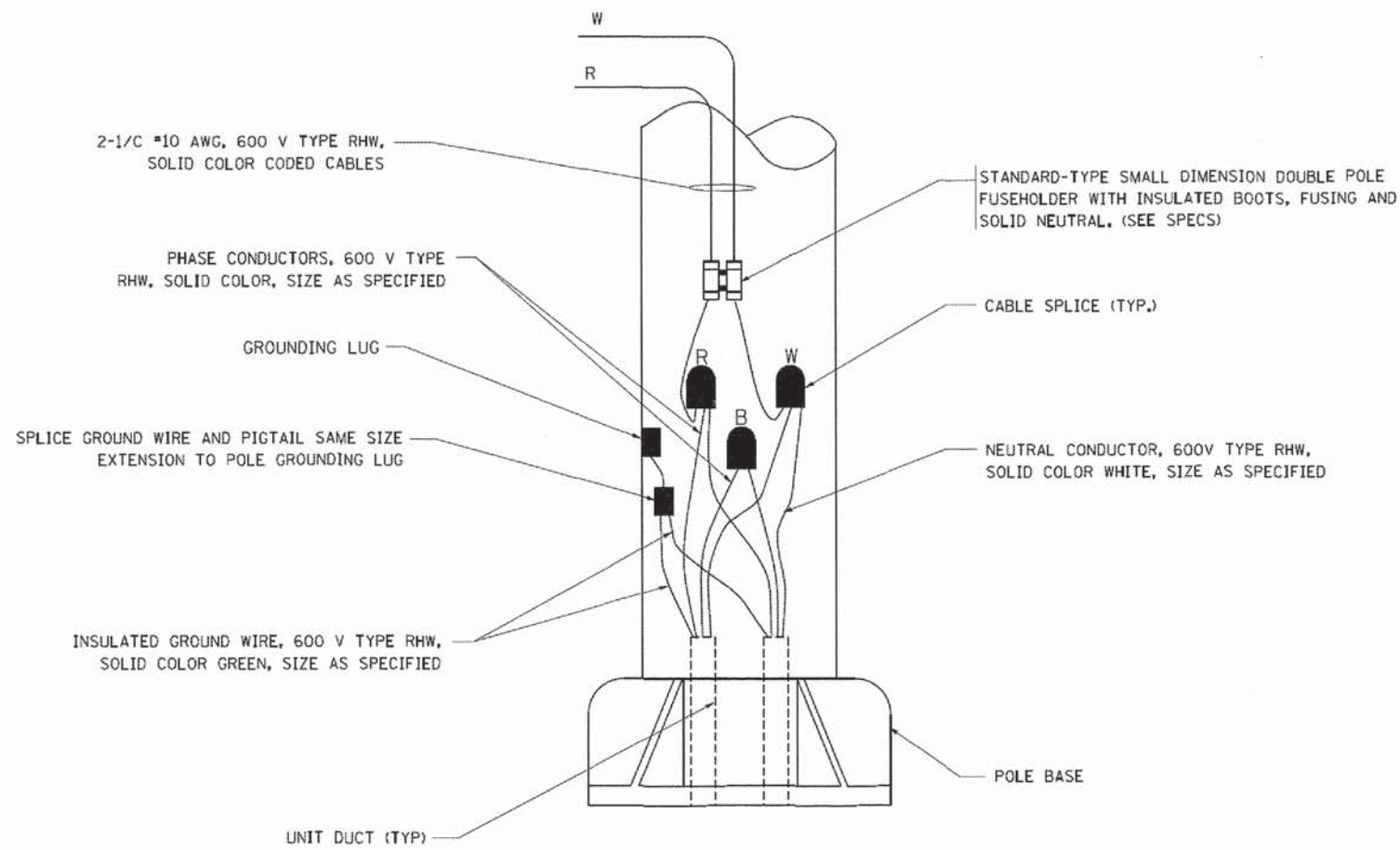
FOR FOUNDATION ONLY

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	PLOT SCALE = 50,0000' / IN.	DRAWN -	REVISED -		SCALE: NONE			09-00175-00-BT	KANE	44	32	
	PLOT DATE = 1/4/2008	CHECKED -	REVISED -		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BE-215		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT												



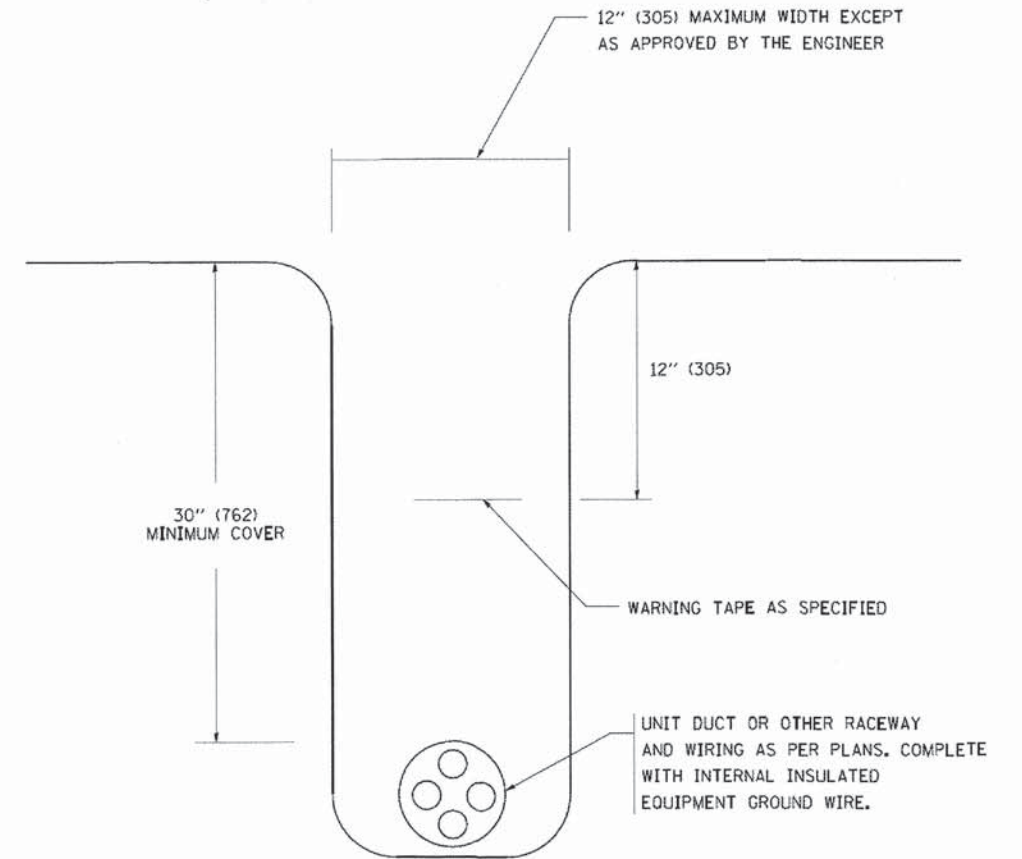
TYPICAL SPLICE DETAIL

N.T.S.



POLE WIRING DETAIL

N.T.S.



TYPICAL WIRING IN TRENCH DETAIL

N.T.S.

FILE NAME = W:\diststd\22x34\be702.dgn

USER NAME = goglianobt
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 PLOT DATE = 1/4/2008

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

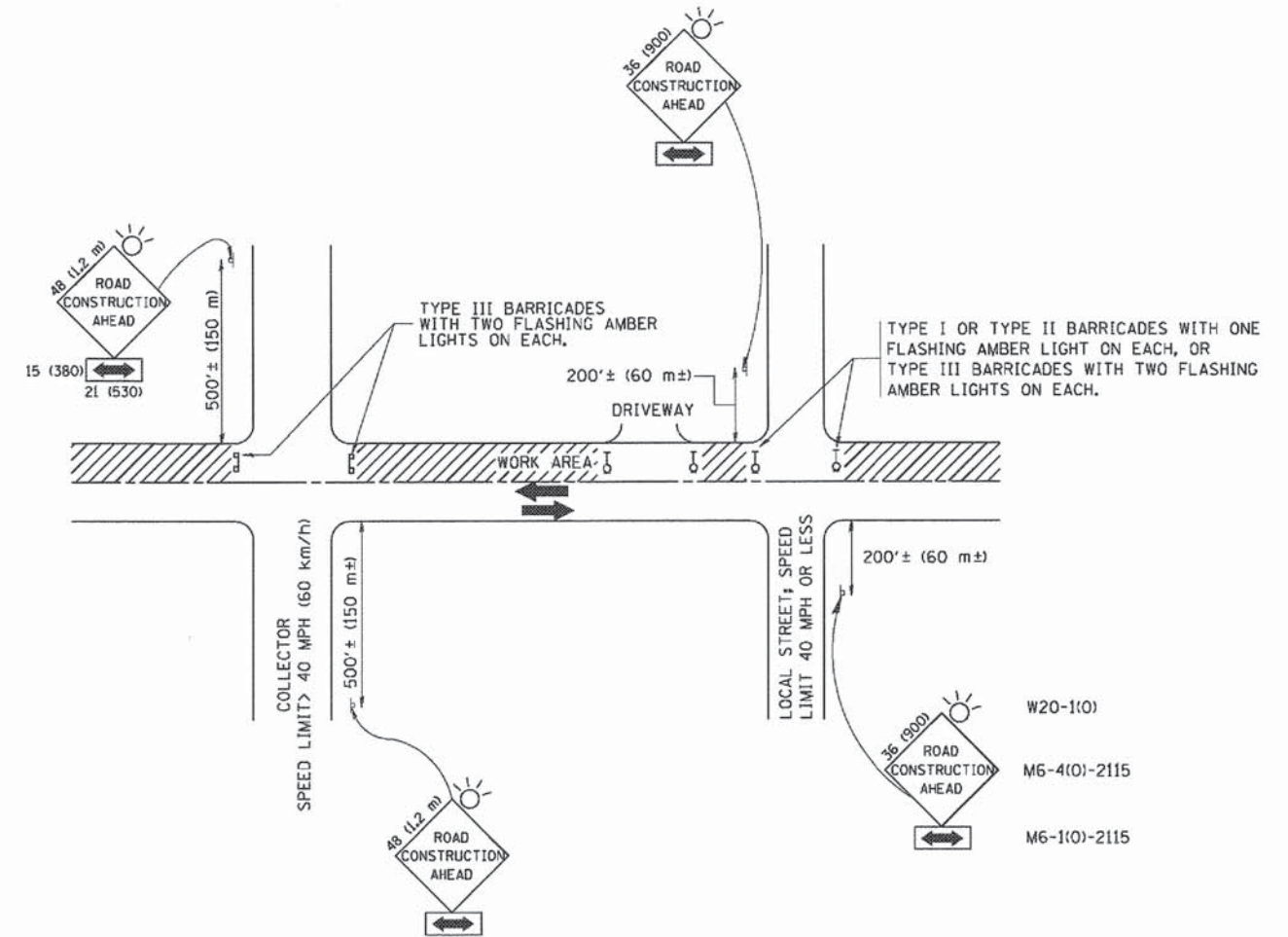
REVISED - 08-08-03
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MISC. ELECTRICAL DETAILS
 SHEET A**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00175-00-BT	KANE	44	33
BE-702		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

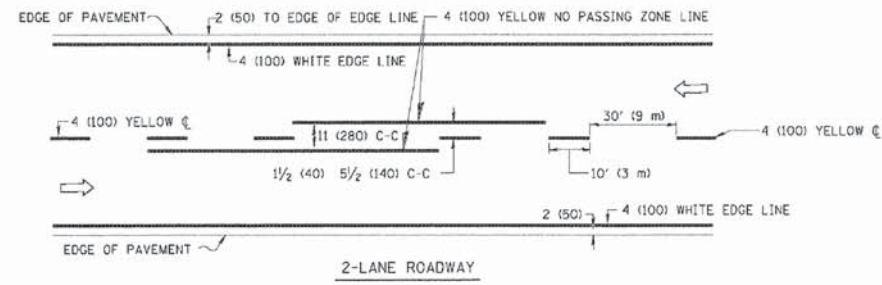
NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS:
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

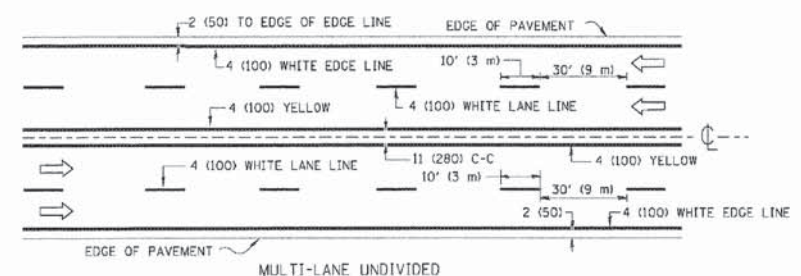
USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

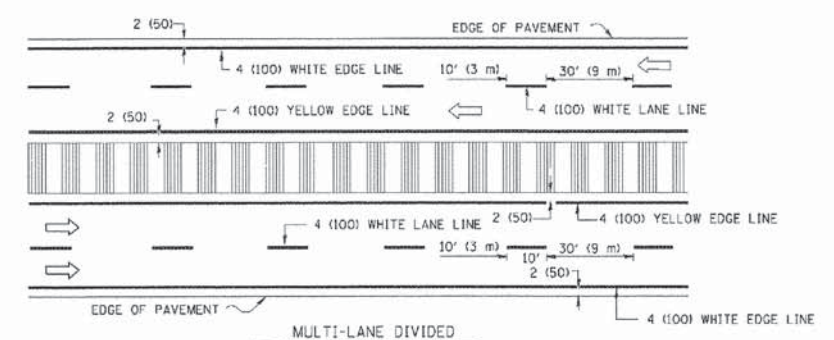
FILE NAME =	USER NAME = gaglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
W:\dists\td\22x34\td10.dgn		DRAWN -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	09-00175-00-BT	KANE	44	34	
		PLOT SCALE = 50.000' / IN.	REVISED - A. HOUSEH 10-15-96						TC-10				
		PLOT DATE = 1/4/2006	REVISED - T. RAMMACHER 01-06-00						CONTRACT NO. 63871				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT													



2-LANE ROADWAY



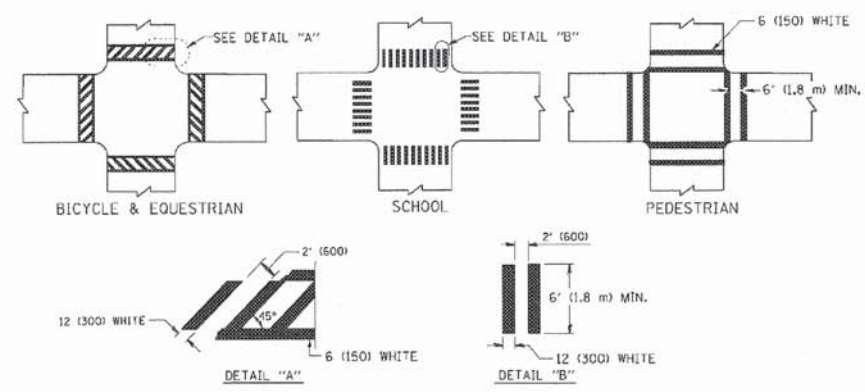
MULTI-LANE UNDIVIDED



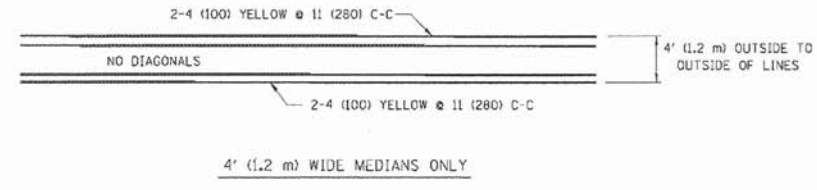
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

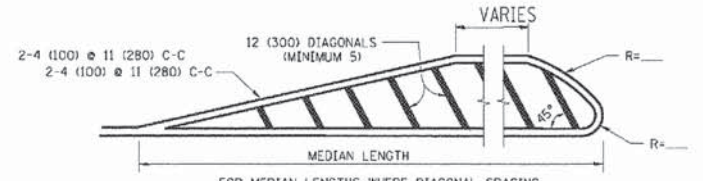
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

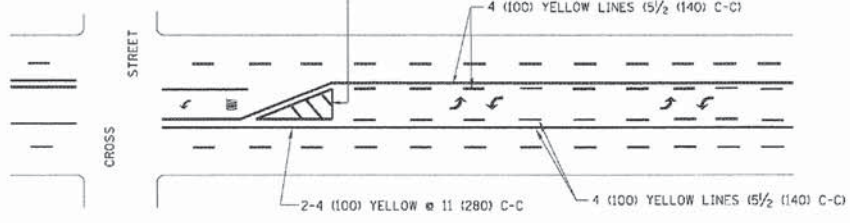


4' (1.2 m) WIDE MEDIANS ONLY

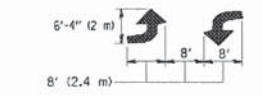


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h))
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

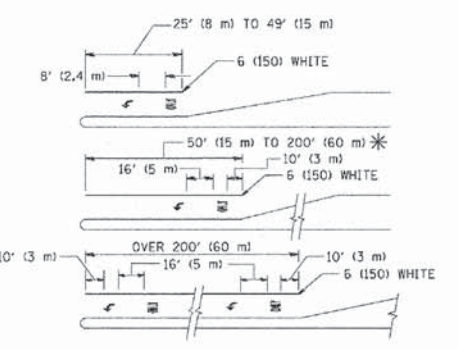


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

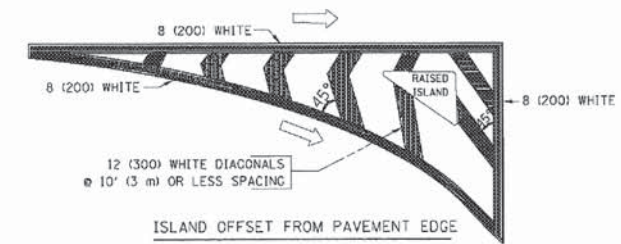
TYPICAL PAINTED MEDIAN MARKING



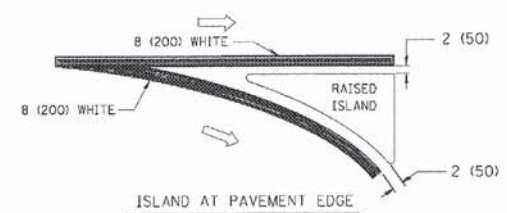
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



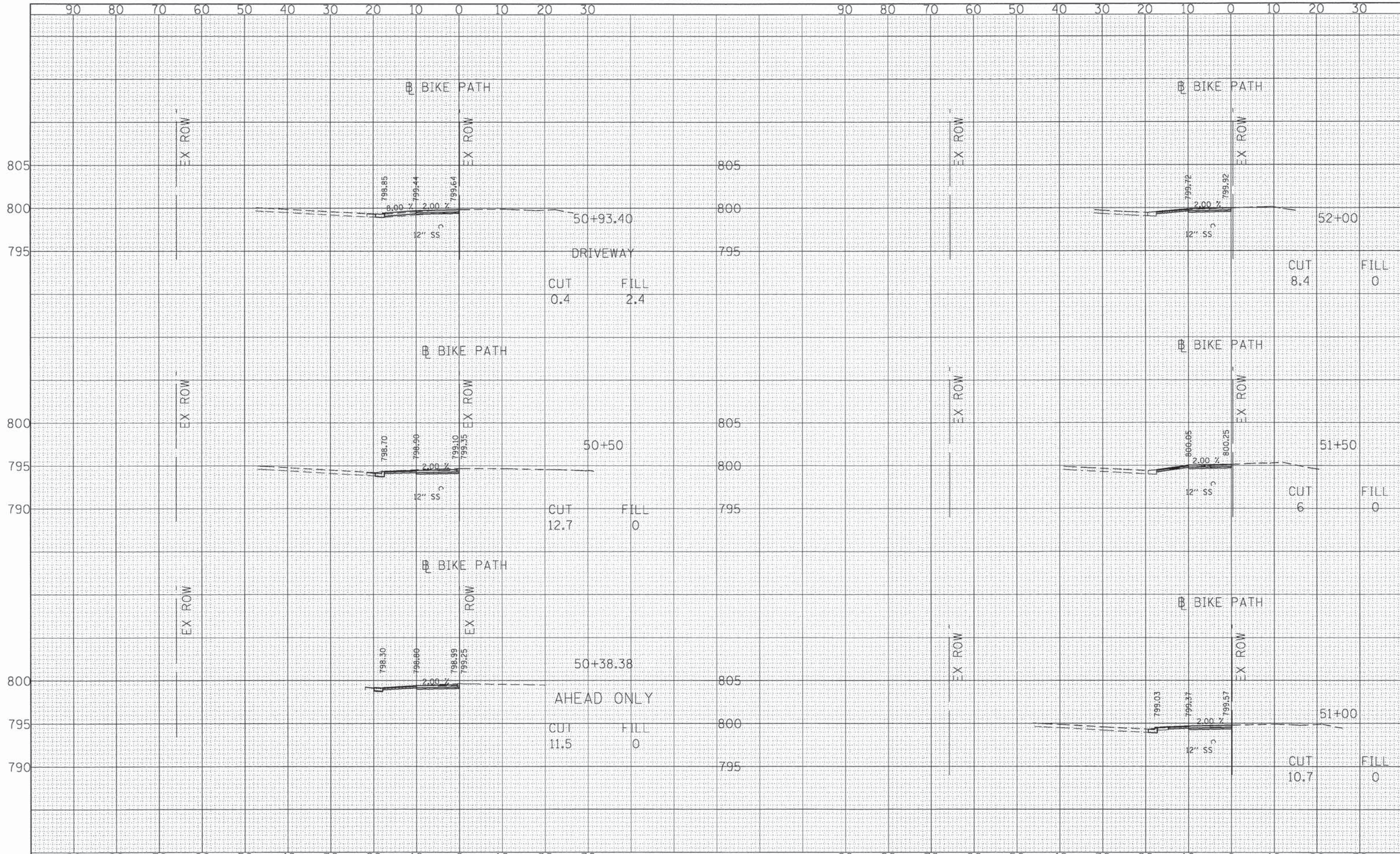
ISLAND AT PAVEMENT EDGE

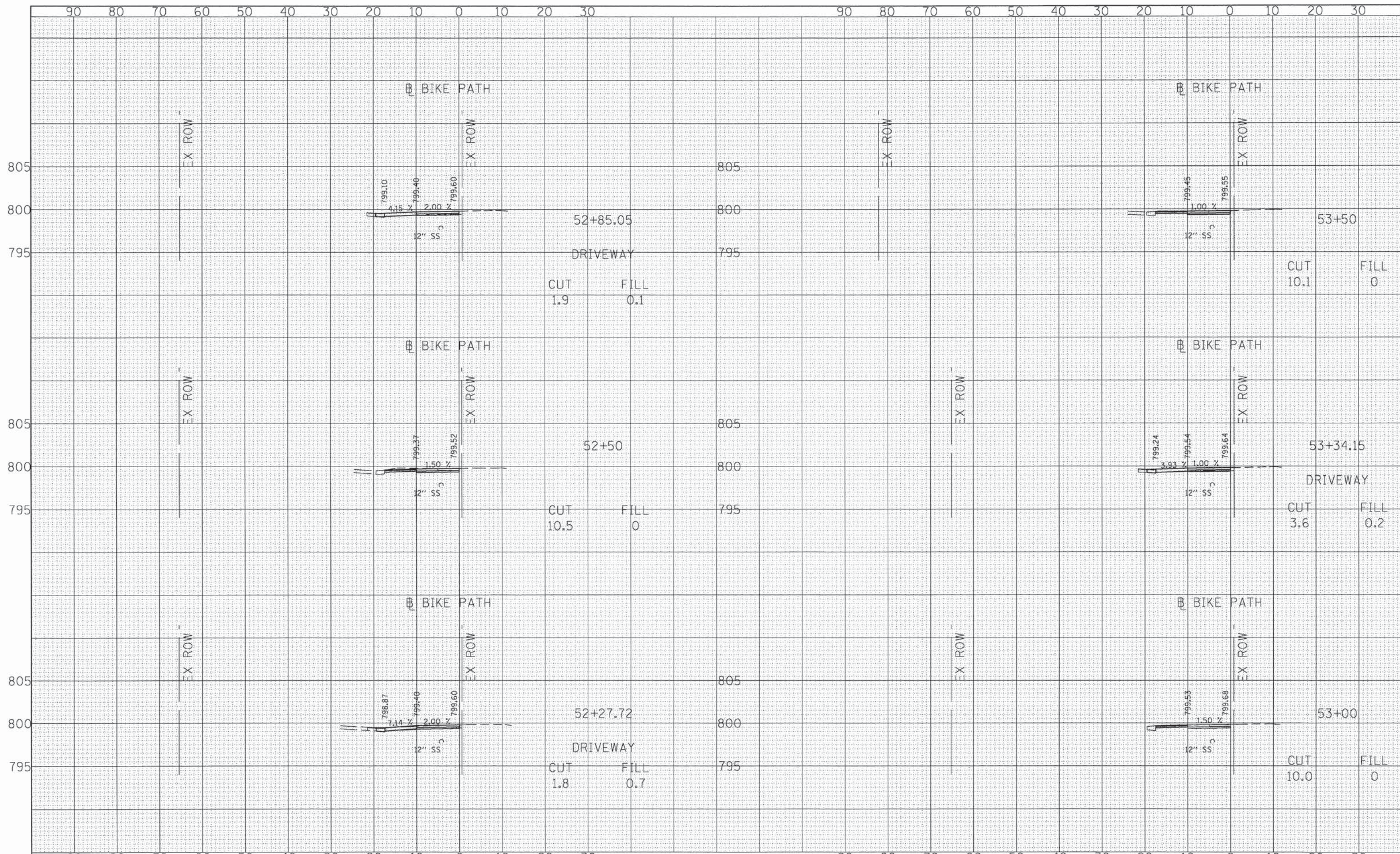
TYPICAL ISLAND MARKING

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	4 (100)	SOLID	YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	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 MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
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	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN)	2 @ 6 (150)	SOLID	WHITE	NOT LESS THAN 6' (1.8 m) APART
A. DIAGONALS (BIKE & EQUESTRIAN)	12 (300) @ 45°	SOLID	WHITE	2' (600) APART
B. LONGITUDINAL BARS (SCHOOL)	12 (300) @ 90°	SOLID	WHITE	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°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
	NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS			
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 (30 MPH (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	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))

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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 DRAWN - AJP
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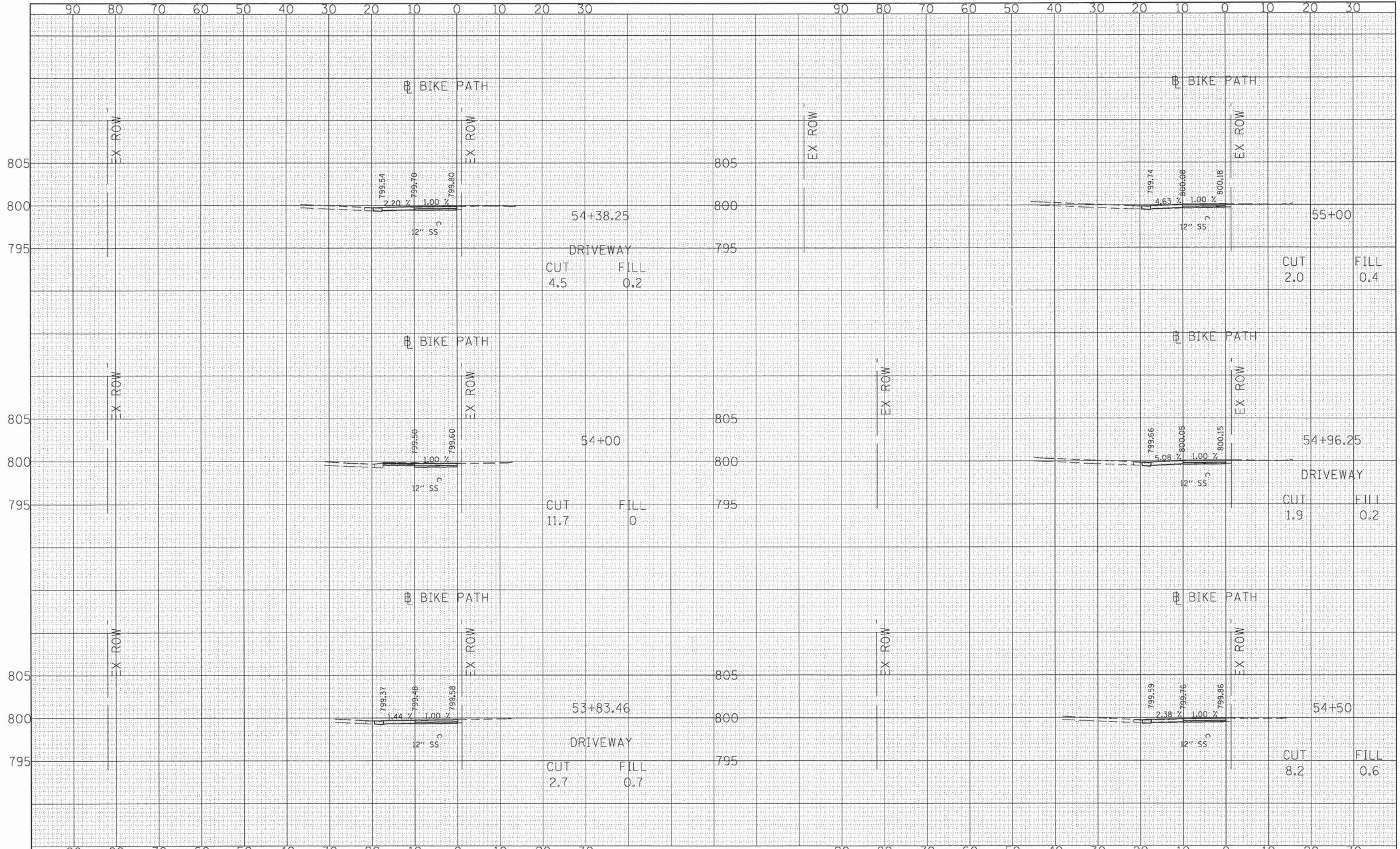
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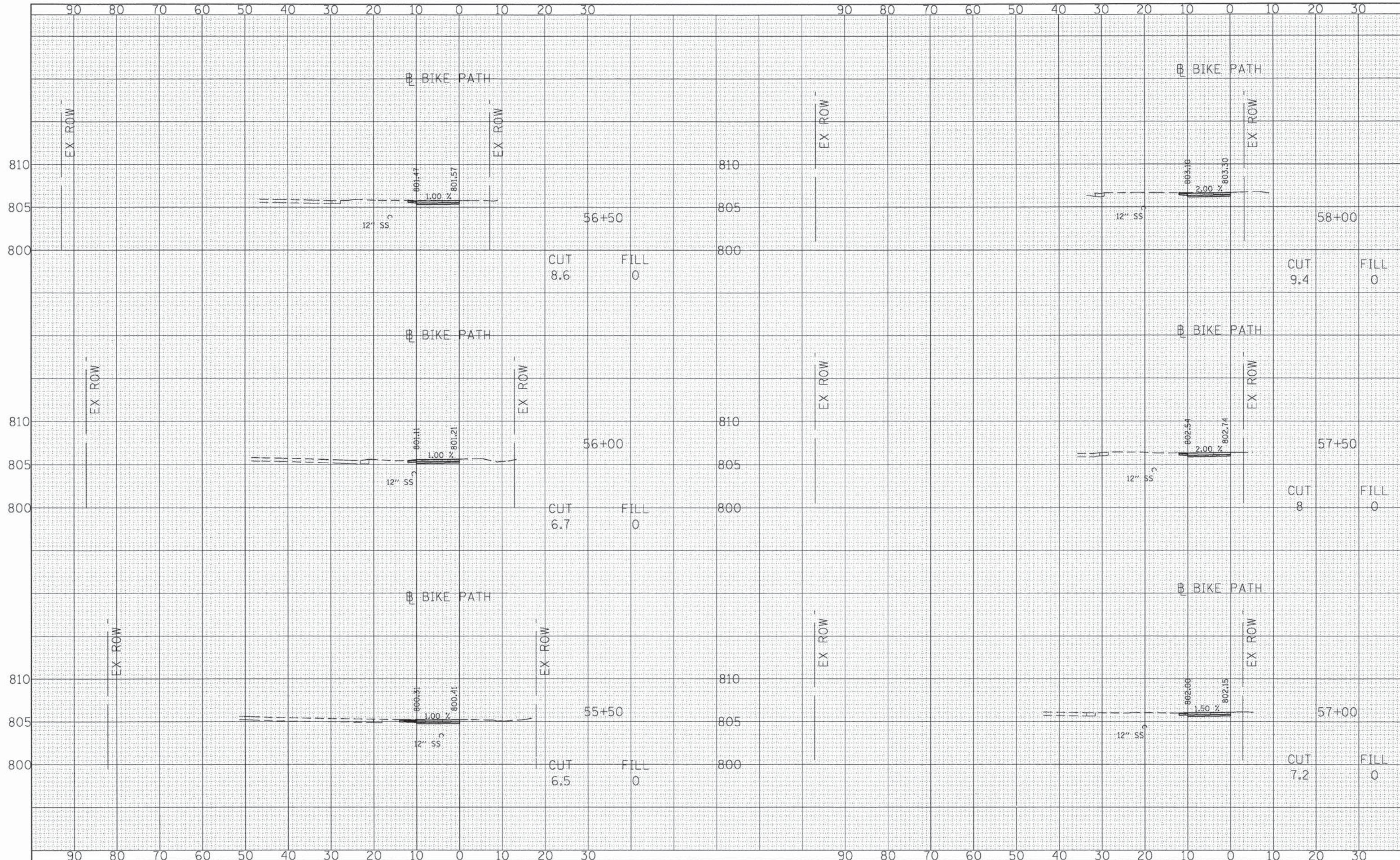
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ELGIN BIKEWAY ROUTE 1 NE
 CROSS SECTIONS

SCALE: HORIZ. 1" = 10'
 VERT. 1" = 5'
 SHEET NO. 2 OF 9 SHEETS
 STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	37
PROJECT NO: CMM-9003(233)			CONTRACT NO. 63871	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				





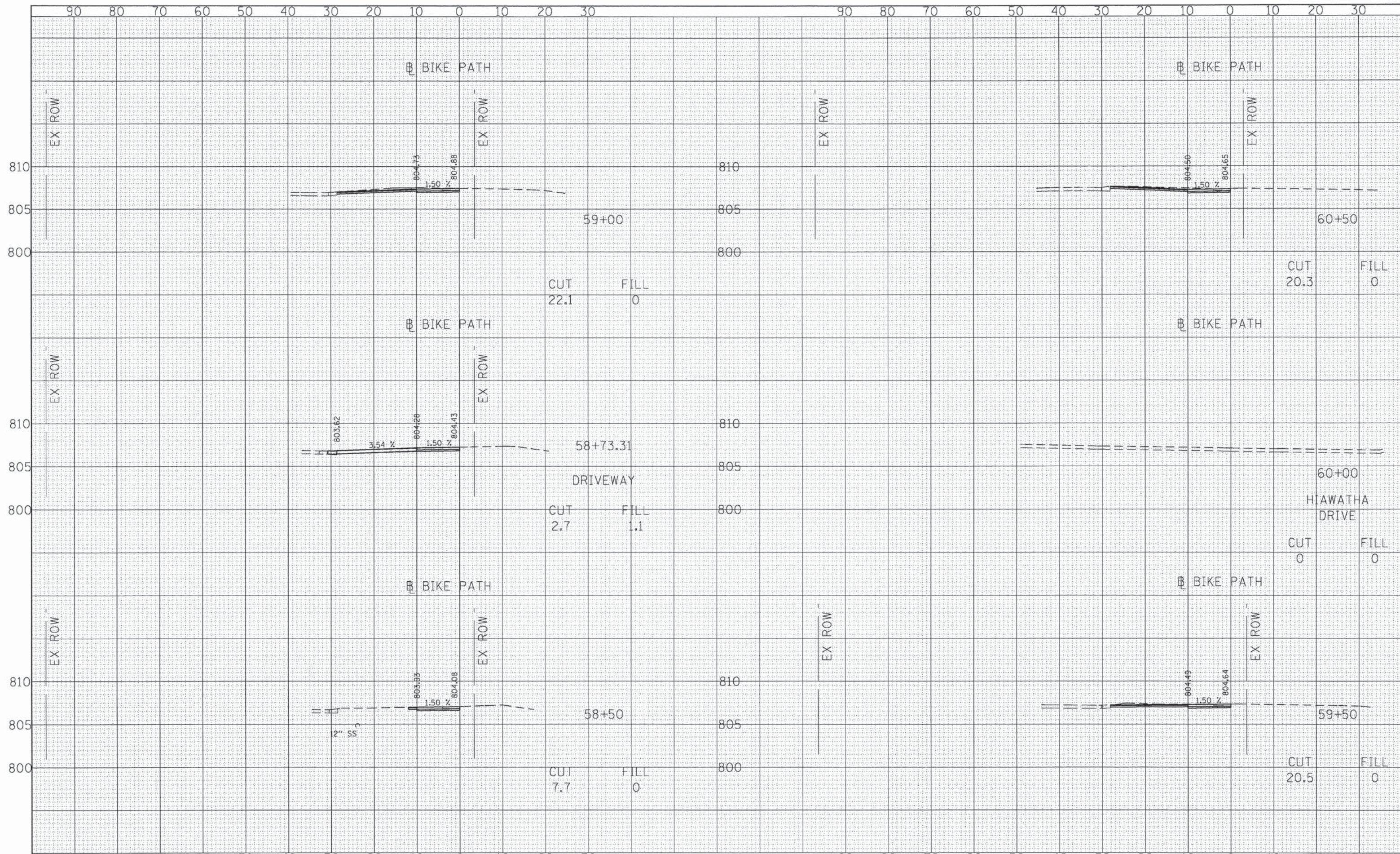
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	PLOT DATE = 8/22/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELGIN BIKEWAY ROUTE 1 NE
CROSS SECTIONS**

SCALE: HORIZ. 1" = 10'
VERT. 1" = 5'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	39
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

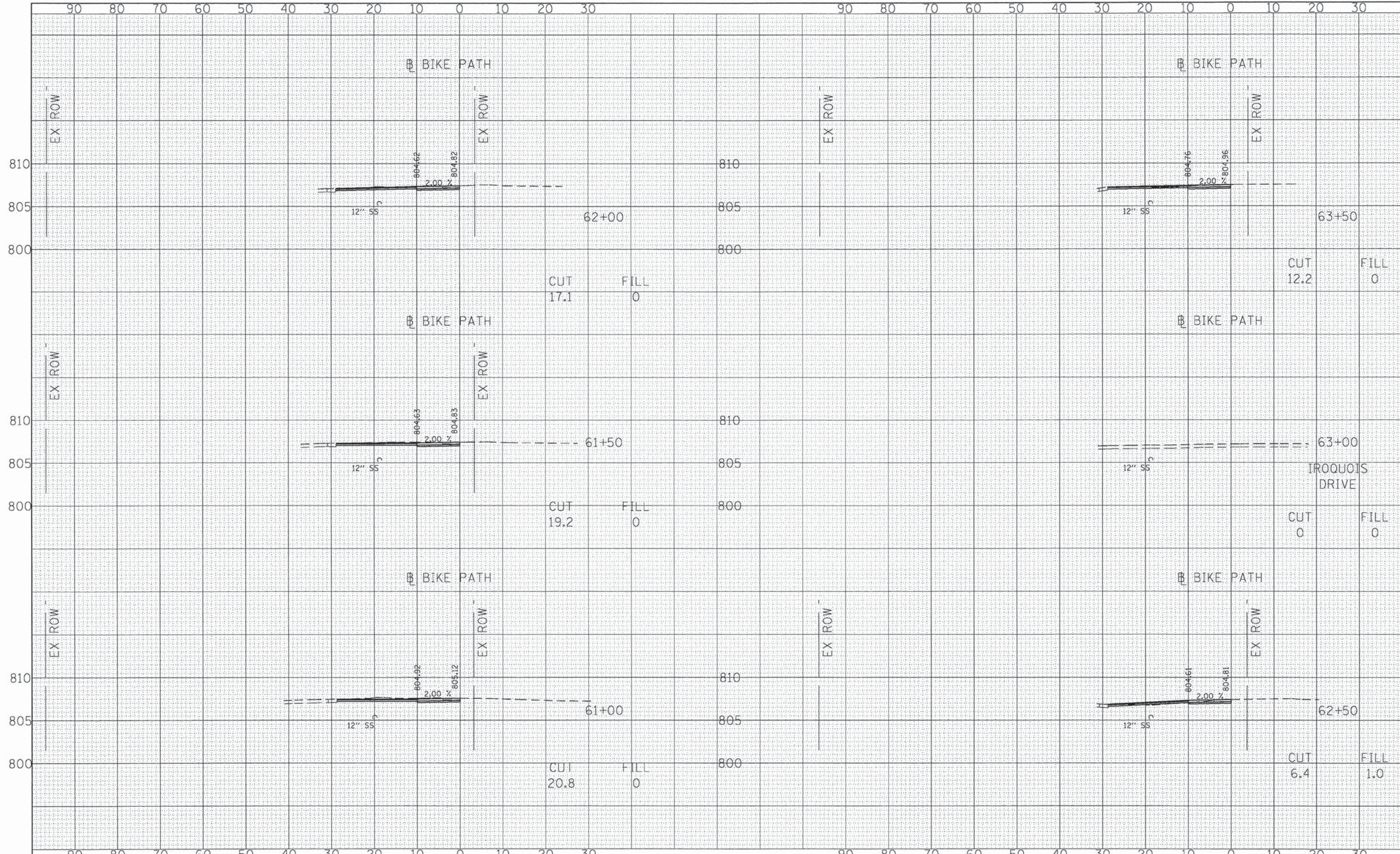


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		CHECKED - ESN	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ELGIN BIKEWAY ROUTE 1 NE CROSS SECTIONS	
SCALE: HORIZ. 1" = 10' VERT. 1" = 5'	SHEET NO. 5 OF 9 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	40
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



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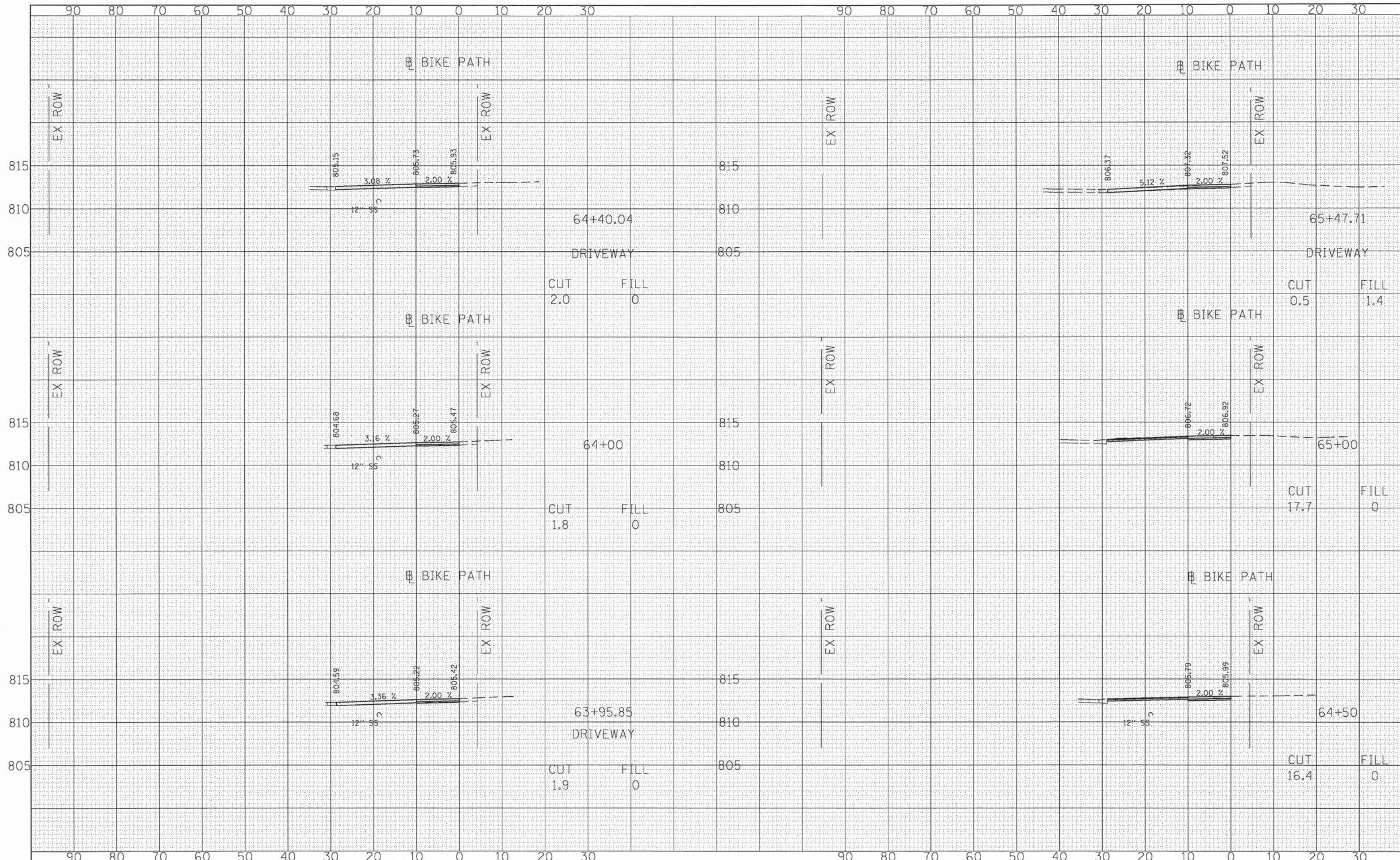
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ELGIN BIKEWAY ROUTE 1 NE
 CROSS SECTIONS**

SCALE: HORIZ. 1" = 10'
 VERT. 1" = 5'
 SHEET NO. 6 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	41
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT				

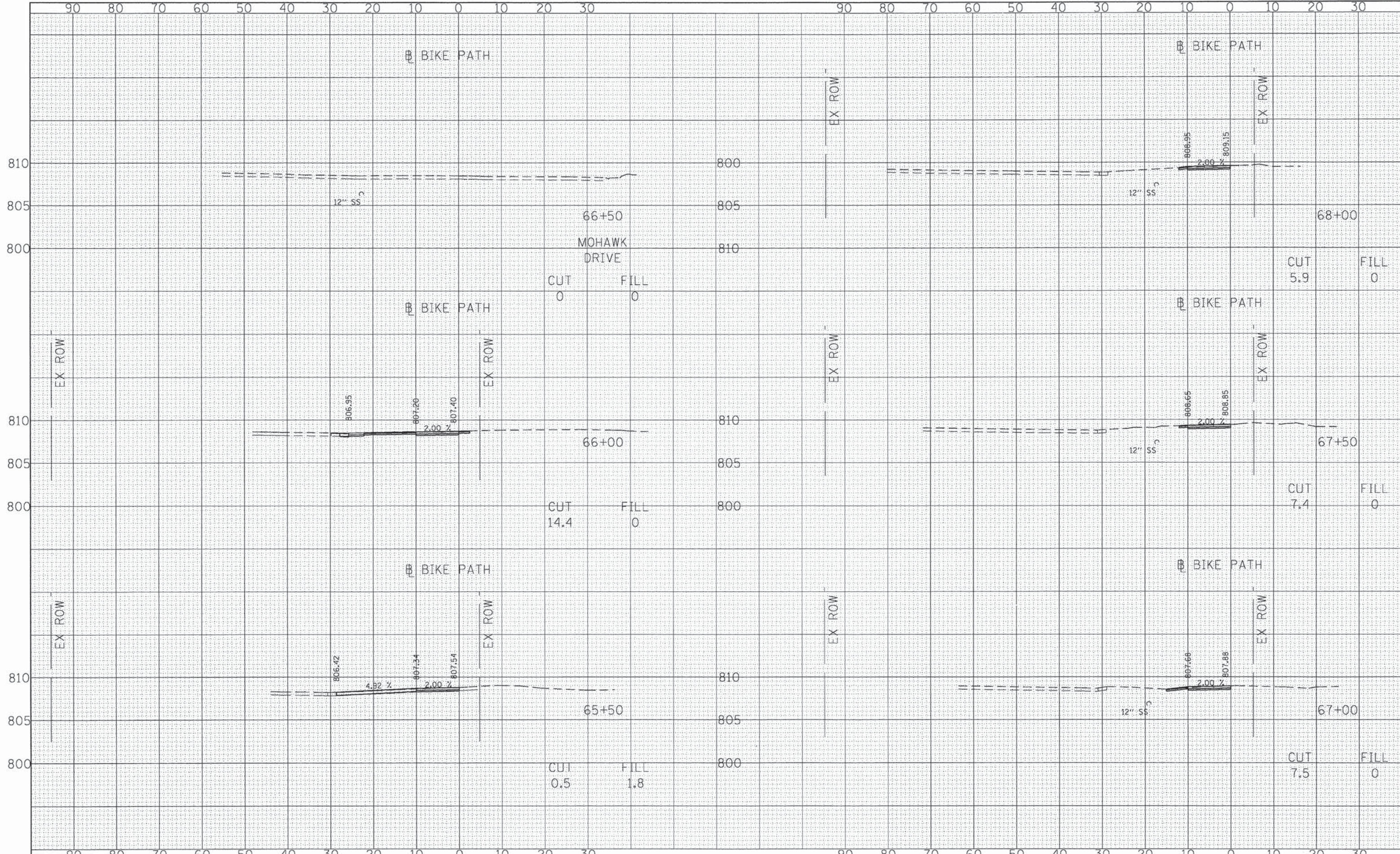


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		CHECKED - ESN	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ELGIN BIKEWAY ROUTE 1 NE CROSS SECTIONS	
SCALE: HORIZ. 1" = 10'	SHEET NO. 7 OF 9 SHEETS
VERT. 1" = 5'	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	42
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 (ILLINOIS) FED. AID PROJECT				



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PLOT SCALE = 48.000' / in.
PLOT DATE = 8/22/2013

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DRAWN - AJP
CHECKED - ESN
DATE - -

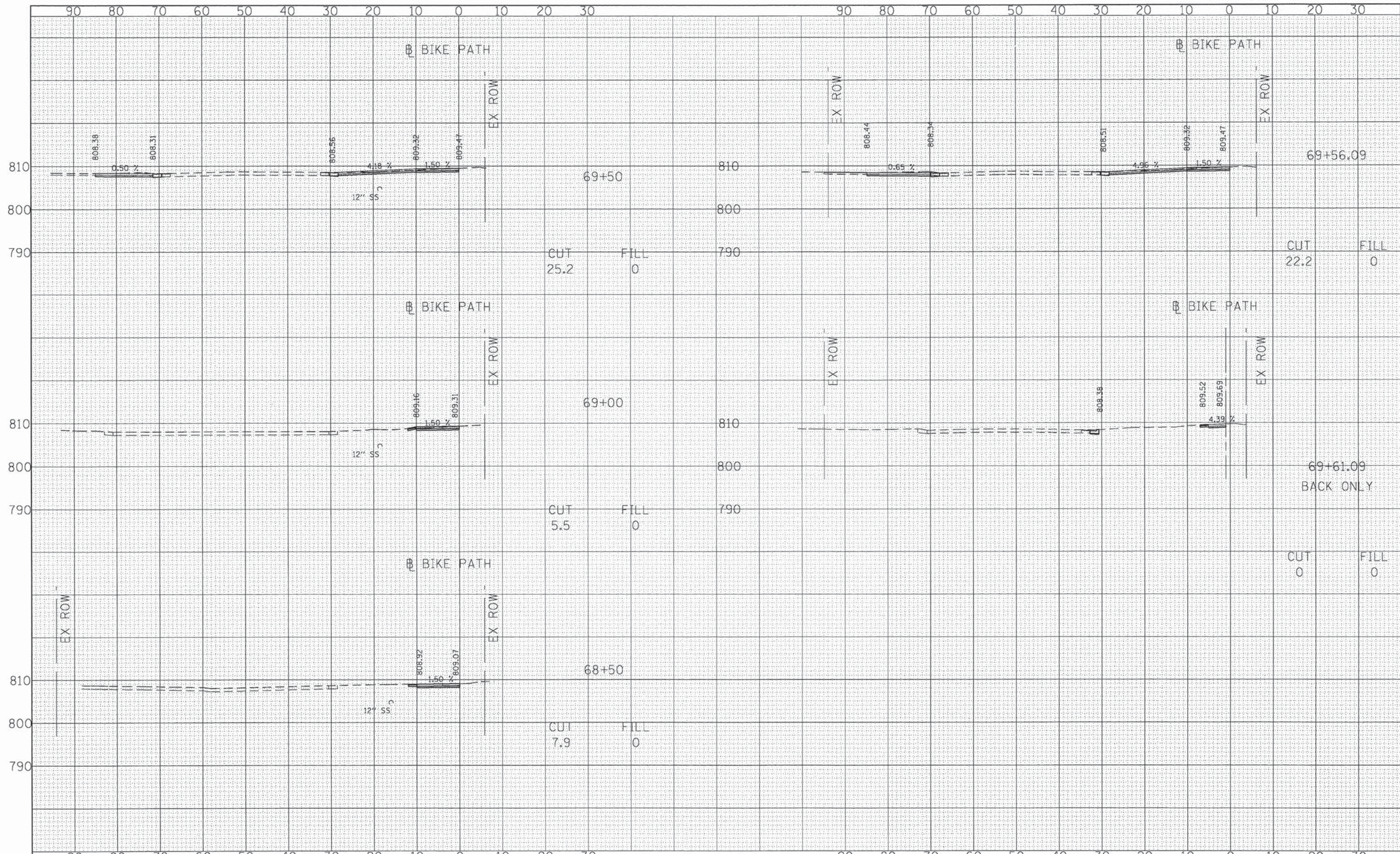
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELGIN BIKEWAY ROUTE 1 NE
CROSS SECTIONS**

SCALE: HORIZ. 1" = 10'
VERT. 1" = 5'
SHEET NO. 8 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	43
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT				



FILE NAME = G:\CDI\3\0025\Road\Sheets\30025-SHT-X5.dgn

USER NAME = a_jpondexter
 PLOT SCALE = 40,000 / in.
 PLOT DATE = 8/22/2013

DESIGNED - BAF
 DRAWN - AJP
 CHECKED - ESN
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ELGIN BIKEWAY ROUTE 1 NE
 CROSS SECTIONS

SCALE: HORIZ. 1" = 10'
 VERT. 1" = 5'
 SHEET NO. 9 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00175-00-BT	KANE	44	44
PROJECT NO: CMM-9003(233)		CONTRACT NO. 63871		
FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT				