

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	1
		ILLINOIS	CONTRACT NO. 61A52	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

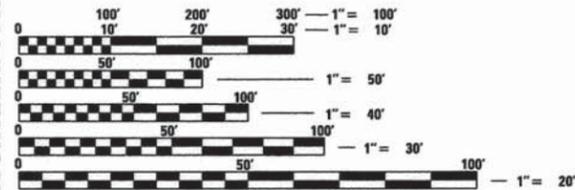
FOR INDEX OF SHEETS, SEE SHEET NO.2
LIST OF STATE STANDARDS LOCATED ON SHEET NO.2

FAU ROUTE 2783 (RIDGELAND AVE)
ROOSEVELT RD TO IL-64 (NORTH AVE.)
PAVEMENT RESURFACING
SECTION 13-00260-00-RS
PROJECT M-4003(285)
VILLAGE OF OAK PARK
COOK COUNTY
C-91-209-14



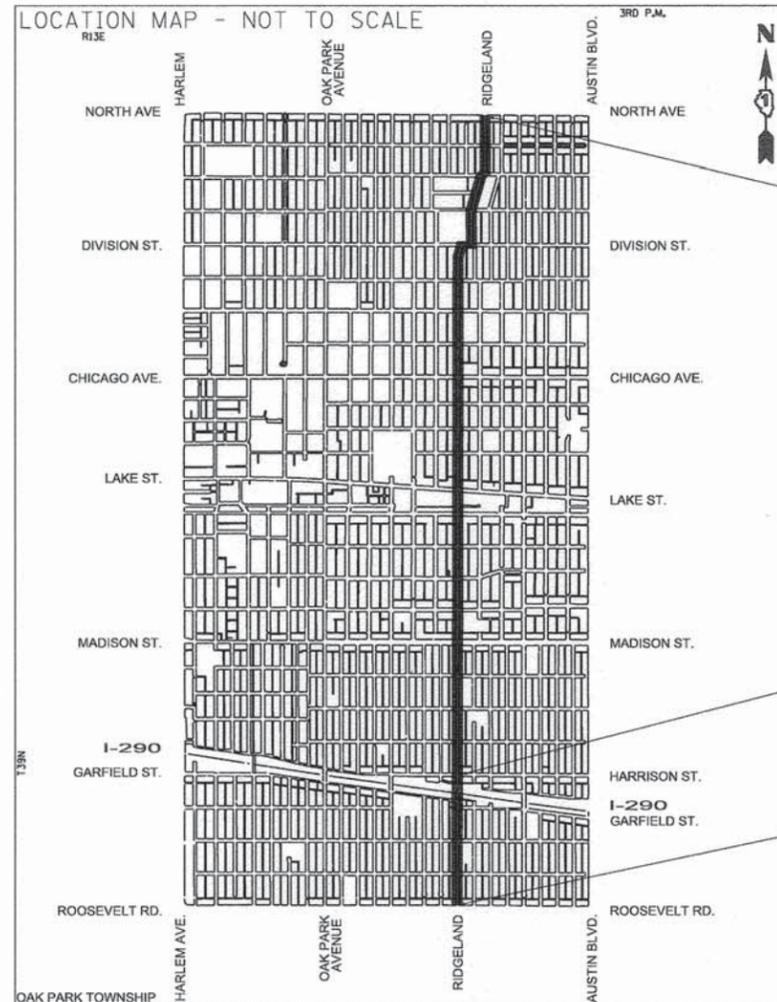
FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E. (847)-705-4021 SCHAUMBURG, IL

TRAFFIC DATA:
POSTED SPEED LIMIT 30 MPH
RIDGELAND AVE CLASS- COLLECTOR (URBAN)
RIDGELAND FROM ROOSEVELT TO GARFIELD ADT=9,700 (2006), 10,000 (2040)
RIDGELAND FROM GARFIELD TO MADISON ADT=15,100 (2006), 16,000 (2040)
RIDGELAND FROM MADISON TO LAKE ADT=18,000 (2006), 18,000 (2040)
RIDGELAND FROM LAKE TO IL-64 (NORTH AVE.) ADT=16,600 (2006), 17,000 (2040)



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



END IMPROVEMENT
STA 170+00

OMISSION
STA 36+46 TO
STA 37+62

START IMPROVEMENT
STA 11+00

GROSS LENGTH = 15,900 FT. = 3.01 MILE
NET LENGTH = 15,784 FT. = 2.99 MILE
OMISSION LENGTH = 116 FT.
RESURFACING LENGTH = 10,717 FT. = 2.03 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED MARCH 24, 2014
James Budrick
OAK PARK VILLAGE ENGINEER

PASSED APRIL 4, 2014
Christopher Holt
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID April 10, 2014
BASED ON LIMITED REVIEW
John Fortmann
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

James A. Budrick
JAMES A. BUDRICK, P.E.
IL. P.E. NO. 062-039749
EXPIRES: 11-30-2015
DATE 3-24-14

SEAL

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

CONTRACT NO. 61A52

INDEX OF SHEETS

- 1. COVER SHEET
- 2. INDEX OF SHEETS, GENERAL NOTES & STANDARDS
- 3-8. SUMMARY OF QUANTITIES
- 9-11. TYPICAL SECTIONS
- 12-14. SCHEDULE OF QUANTITIES
- 15-24. PROPOSED ROADWAY PLAN
- 25-40. PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN
- 41-50. DETECTOR LOOPS PLAN
- 51-62. DISTRICT 1 STANDARDS

GENERAL NOTES

THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 800-892-0123 OR 811

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS AND SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LAST STANDARDS OF THE ILLINOIS DEPARTMENTS OF TRANSPORTATION AND THE VILLAGE OF OAK PARK.

THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL COORDINATE VARIOUS CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.

ELEVATIONS ARE BASED ON CITY OF CHICAGO DATUM 1929 ADJUSTMENT, WHERE 0.00 C.C.D. = 579.48 FEET ABOVE MEAN SEA LEVEL.

BENCH MARKS ON OLD FIRE HYDRANTS: TOP OF THE FIRST BOLT PAST ARROW HEAD.
BENCH MARKS ON NEWER 4-BOLT HYDRANTS: TOP OF THE SOUTHWEST OR TAGGED BOLT.

THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE DURING THE CONSTRUCTION.

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES AND EXISTING PLANTS IS OF UTMOST IMPORTANCE TO THE VILLAGE OF OAK PARK. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER. ANY DAMAGE DONE TO EXISTING TREES AND EXISTING PLANTS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED SHALL BE PROVIDED AT ALL CROSSWALKS, DRIVEWAYS, AND ALLEYS.

THE CONTRACTOR TO MAINTAIN PEDESTRIAN AND VEHICULAR ACCESS TO ALL PRIVATE AND COMMERCIAL PROPERTIES DURING THE CONSTRUCTION. IF NECESSARY, THE CONTRACTOR TO NOTIFY THE ENGINEER ABOUT SCHEDULED DRIVEWAYS REMOVAL MINIMUM 6 DAYS IN ADVANCE.

THE CONTRACTOR TO CONTACT THE VILLAGE OF OAK PARK FOR A WATER METER.

ACTUAL LOCATION AND SIZE OF BASE PATCHES WILL BE DETERMINED IN THE FIELD. NO COMPENSATION WILL BE ALLOWED FOR UNUSED PATCHING QUANTITIES.

ALL SURFACE AND FULL DEPTH PAVEMENT SAWCUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF REMOVAL ITEMS.

THE CONTRACTOR TO NOTIFY ENGINEER OF ANY ABNORMAL, UNSOUND, AND/OR DETERIORATED CONDITIONS OF PAVEMENT BASES, PIPES AND STRUCTURES WHICH ARE NOT SCHEDULED FOR REMOVAL/REPAIR.

NO SEWER WORK IS ALLOWED PRIOR TO ISSUANCE OF MWRD PERMIT.

UNLESS OTHERWISE DIRECTED, ALL EXISTING DRAIN TILES ENCOUNTERED AND NOT SHOWN ON THE PLANS SHALL BE RECONNECTED.

SEWER TRENCHES SHALL BE TEMPORARILY BACKFILLED AT THE END OF WORKING DAY. SECURED STEEL PLATE IS ALLOWED ONLY WITH APPROVAL OF THE ENGINEER.

ALL RADII ON ALLEY RETURNS SHALL BE OF 8 FEET, AND ALL RADII ON LOCAL STREET INTERSECTION CORNERS SHALL BE OF 15 FEET, UNLESS OTHERWISE INDICATED.

THE CONTRACTOR TO PROTECT NEWLY INSTALLED PAVEMENTS. ANY PAVEMENT DAMAGED OR VANDALIZED DURING CURING SHALL BE REMOVED AND REPLACED WITH NO ADDITIONAL COMPENSATION.

PROTECTIVE COAT SHALL BE APPLIED TO ALL SIDEWALK, CURB & GUTTER, AND DRIVEWAY PAVEMENT.

CALCULATION RATES FOR SELECTED ITEMS:
BITUM MATERIAL PRIME COAT
0.05 LBS/SQFT FOR MILLED HMA, MILLED CONCRETE
0.025 LBS/SOFT FOR FOG-COAT BETWEEN HMA-LIFTS, IL-4.75 & BRICK
HMA MIXES: 112 LBS/SOYD/INCH

HMA TEMPORARY RAMPS SHALL BE PLACED ON THE PAVEMENT AT ALL ADA RAMPS AFTER MILLING AND LEVEL BINDER, TO TRANSITION FROM THE ADA RAMP TO THE PAVEMENT ELEVATION DURING CONSTRUCTION. THE WIDTH OF TEMPORARY RAMP SHALL MATCH THE WIDTH OF THE ADA RAMP AND BE 2' LONG.

THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AT A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

CONTRACTOR SHALL COMPLETE RESURFACING A CROSS-SECTION USING 3 PAVER-PASSES.

TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT MR. JOE ECKERT, AREA TRAFFIC FIELD TECHNICIAN AT (224) 217-8632.

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-07 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-01 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-01 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424021-02 DEPRESSED CORNER FOR SIDEWALKS
- 442201-03 CLASS C AND D PATCHES
- 602001-02 CATCH BASIN TYPE A
- 602301-04 INLET TYPE A
- 602401-03 MANHOLE TYPE A
- 602501-02 VALVE VAULT TYPE A
- 604001-03 FRAME AND LIDS TYPE 1
- 606001-05 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
- 701427-02 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS<= 40 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701606-09 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-09 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-03 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 780001-04 TYPICAL PAVEMENT MARKINGS
- 886001-01 DETECTOR LOOP INSTALLATIONS

DISTRICT ONE DETAILS

- TS-07 DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING
- BD-08 FRAMES AND LIDS ADJUSTMENT WITH MILLING; AND FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING
- BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- BD-32 BUTT JOINTS AND HMA TAPER
- BD-33 HMA TAPER AT EDGE OF PCC PAVEMENT
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- TC-11 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
- TC-22 ARTERIAL ROAD INFORMATION SIGN
- TC-26 DRIVEWAY ENTRANCE SIGNING

COMMITMENTS

NONE: 3/24/2014

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS at N _{des}	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	QCP
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm)	4% @ 90 GYR	QCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 GYR	QCP
LEVELING BINDER (MACHINE METHOD), N70 (IL-9.5mm)	4% @ 70 GYR	QC/OA
LEVELING BINDER (HAND METHOD), N70 (IL-9.5mm)	4% @ 70 GYR	QC/OA
TEMPORARY RAMP (HMA BINDER IL-19)	4% @ 50 GYR	QC/OA
INCIDENTAL HOT-MIX ASPHALT SURFACING: MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	QC/OA
CLASS D PATCHES, 2 INCH: MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	QC/OA

QMP Options: Quality Control/Quality Assurance (QC/OA); Quality Control for Performance (QCP); Pay for Performance (PFP)

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

NOTE 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.

NOTE 3: FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.

NOTE 4: FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

NOTE 5: QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

FILE NAME = 2_GenNotes&Standards.dgn	USER NAME = bkutz	DESIGNED - BDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIDGELAND AVENUE INDEX OF SHEETS, GENERAL NOTES & STANDARDS	F.A.U. RTE. = 2783	SECTION = 13-00260-00-RS	COUNTY = COOK	TOTAL SHEETS = 62	SHEET NO. = 2	
Default	PLOT SCALE = 20.0000' / 1" =	CHECKED - BM	REVISED -			SCALE: SHEET 2 OF 62 SHEETS STA. TO STA.	CONTRACT NO. 61A52				
	PLOT DATE = 3/24/2014	DATE - 03/24/2014	REVISED -			[ILLINOIS] FED. AID PROJECT M-4003(285)					

S. I.	S. P.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						STP FUNDS	
						80% FED 20% LOCAL ROADWAY	80% FED 20% LOCAL TRAINEES
						0005 URBAN	0042 URBAN
		40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	40	40	
		40600990	TEMPORARY RAMP	SQ YD	500	500	
		40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3775	3775	
		40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	2045	2045	
		40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	10	10	
		42001300	PROTECTIVE COAT	SQ YD	2850	2850	
		42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	30	30	
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	50	50	
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	15250	15250	
		44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	50200	50200	
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	80	80	
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4600	4600	
		44000600	SIDEWALK REMOVAL	SQ FT	15250	15250	
		44201349	CLASS C PATCHES, TYPE I, 10 INCH	SQ YD	50	50	

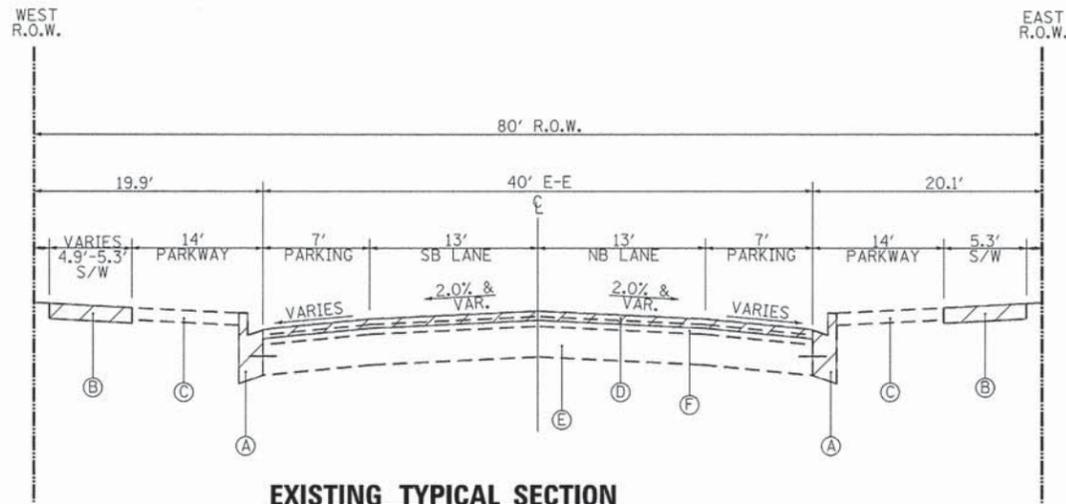
* DENOTES A SPECIAL PROVISION (S.P.) **DENOTES A SPECIALTY ITEM (S.I.)

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	PLOT DATE = 4/8/2014	CHECKED - BM	REVISED -												
		DATE - 03/24/2014	REVISED -												

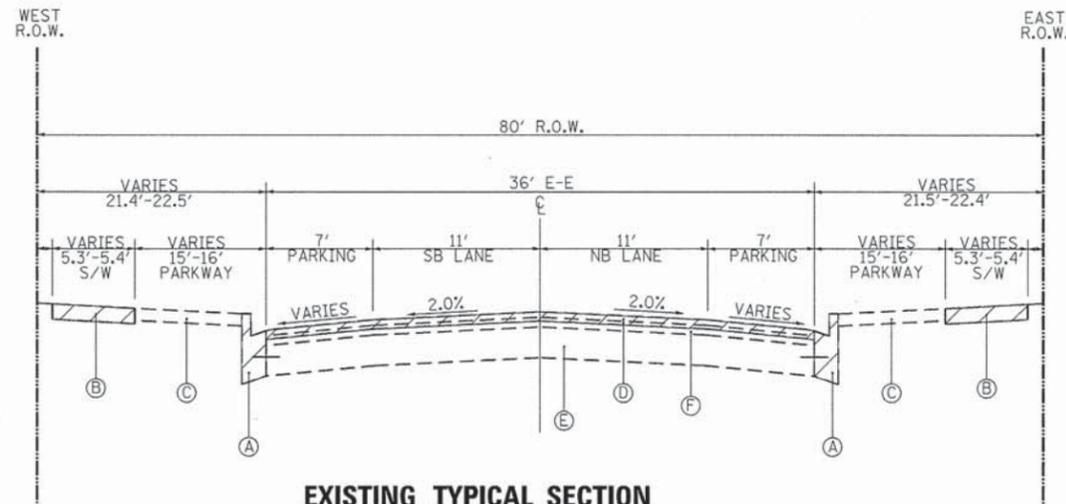
S. I.	S. P.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						STP FUNDS	
						80% FED 20% LOCAL ROADWAY	80% FED 20% LOCAL TRAINEES
						0005 URBAN	0042 URBAN
		44201353	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	250	250	
		44201357	CLASS C PATCHES, TYPE III, 10 INCH	SQ YD	400	400	
		44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	300	300	
		44201674	CLASS D PATCHES, TYPE III, 2 INCH	SQ YD	40	40	
		44201676	CLASS D PATCHES, TYPE IV, 2 INCH	SQ YD	100	100	
		44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	400	400	
		60255500	MANHOLES TO BE ADJUSTED	EACH	69	69	
		60257900	MANHOLES TO BE RECONSTRUCTED	EACH	5	5	
		60266600	VALVE BOXES TO BE ADJUSTED	EACH	17	17	
		60400105	FRAMES, TYPE 1	EACH	24	24	
	*	60403700	LIDS, TYPE 1, OPEN LID	EACH	74	74	
	*	60403800	LIDS, TYPE 1, CLOSED LID	EACH	20	20	
		60600605	CONCRETE CURB, TYPE B	FOOT	700	700	
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4600	4600	

* DENOTES A SPECIAL PROVISION (S.P.) **DENOTES A SPECIALTY ITEM (S.I.)

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	PLOT DATE = 4/8/2014	DATE - 03/24/2014	REVISED -			STA. TO STA.					



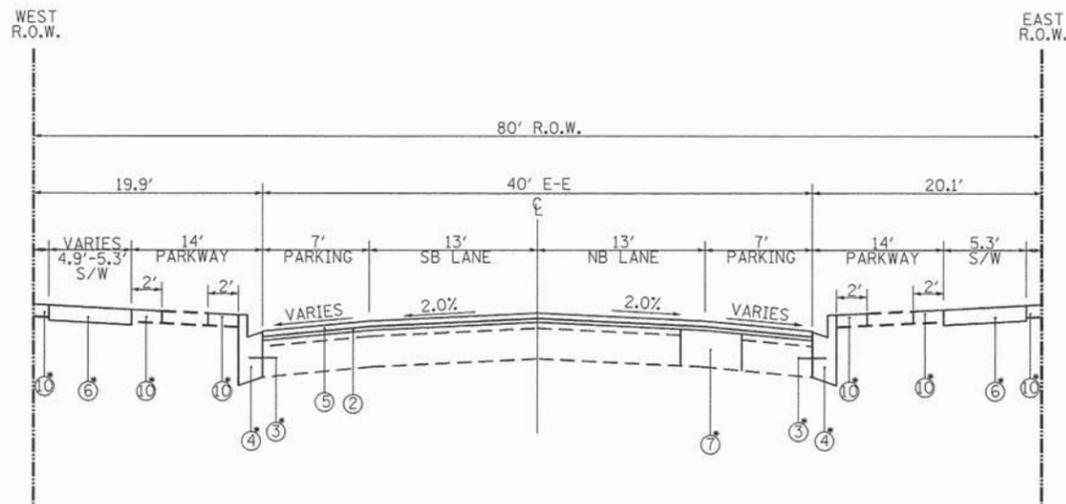
EXISTING TYPICAL SECTION
STA 72+28 TO STA 90+96, RIDGELAND AVENUE



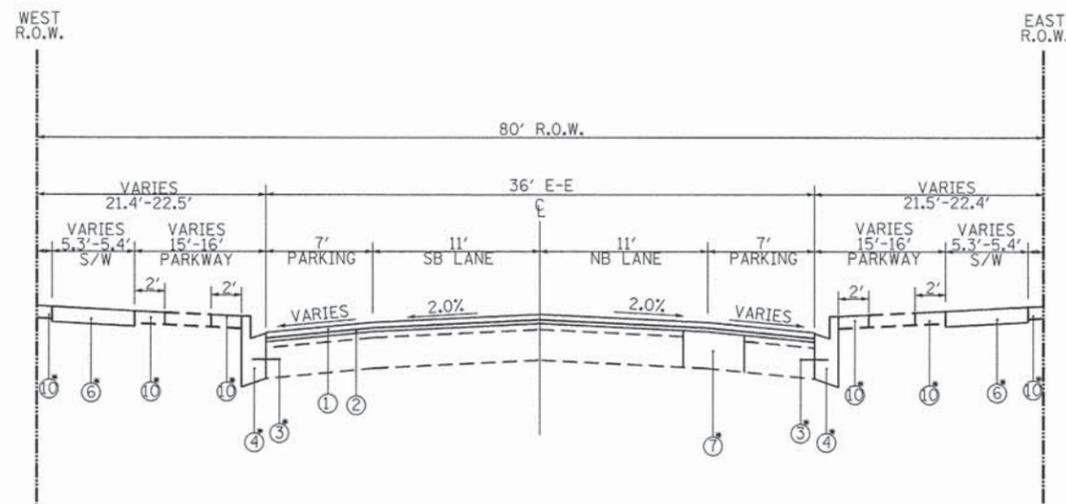
EXISTING TYPICAL SECTION
STA 96+60 TO STA 115+04, RIDGELAND AVENUE
STA 119+45 TO STA 143+99.8, RIDGELAND AVENUE

EXISTING LEGEND

- Ⓐ COMBINATION CURB AND GUTTER REMOVAL (44000500) (REFER TO PLANS FOR LOCATIONS)
- Ⓑ SIDEWALK REMOVAL (44000600) (REFER TO PLANS FOR LOCATIONS)
- Ⓒ EXISTING PARKWAY
- Ⓓ HOT-MIX ASPHALT SURFACE REMOVAL, 3" (4400161)
- Ⓔ EXISTING P.C.C. BASE COURSE ± 10"
- Ⓕ EXISTING HMA BINDER COURSE



PROPOSED TYPICAL SECTION NO. 3
STA 72+28 TO STA 90+96, RIDGELAND AVENUE



PROPOSED TYPICAL SECTION NO. 4
STA 96+60 TO STA 115+04, RIDGELAND AVENUE
STA 119+45 TO STA 143+76.91, RIDGELAND AVENUE

PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 2" (40603340)
- ② POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 1" (40600827)
- ③ DRILL AND GROUT 3/4" EPOXY COATED TIE BARS AT 24" C-C (INCLUDED IN COST OF COMBINATION CURB & GUTTER) (BD-24)
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90; 2" (40603595)
- ⑥ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)
- ⑦ CLASS C PATCH, 10 INCH
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 1 1/2" (40603340)
- ⑨ LEVELING BINDER (MACHINE METHOD), N70; 3/4" (40600635)
- ⑩ TOPSOIL EXCAVATION AND PLACEMENT (21101505); SODDING (25200100)

NOTES:

- 1) CONTRACTOR SHALL MILL BEFORE PATCHING
- 2) SEE SHEET 2 FOR THE HMA MIXTURE REQUIREMENTS
- (*) DENOTES INTERMITTENT; SEE PROPOSED ROADWAY PLANS FOR CURB AND GUTTER, SIDEWALK, AND PATCH LOCATIONS

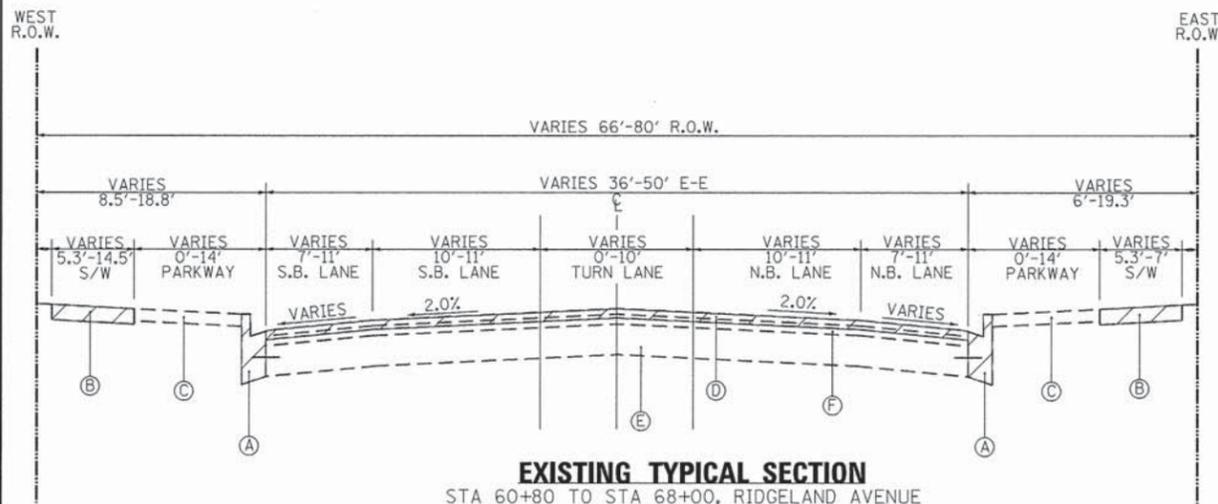
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		DATE - 03/24/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

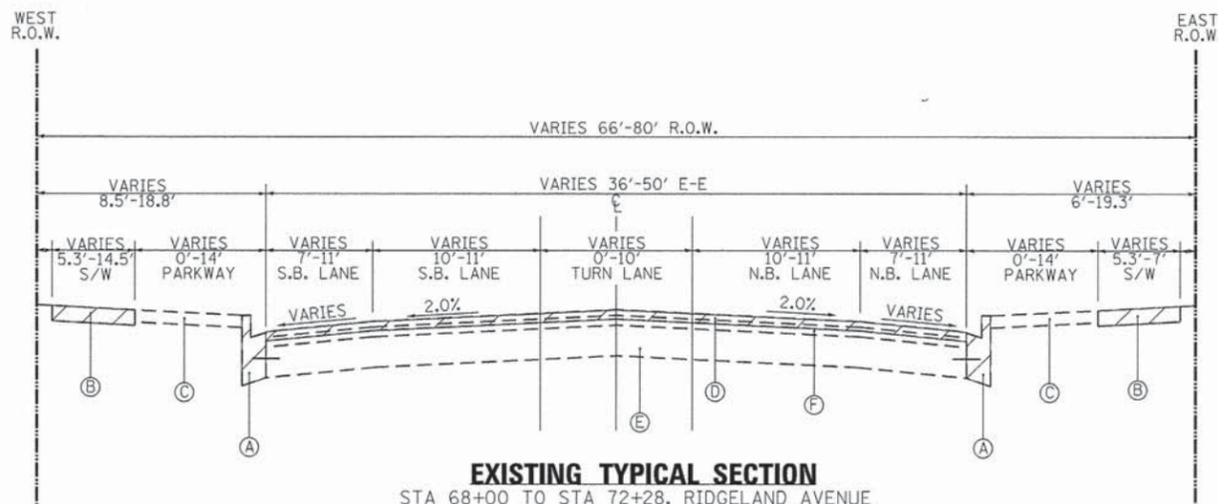
RIDGELAND AVENUE
EXISTING AND PROPOSED TYPICAL SECTIONS

SCALE: SHEET 10 OF 62 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	10
CONTRACT NO. 61A52				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
 STA 60+80 TO STA 68+00, RIDGELAND AVENUE
 STA 90+96 TO STA 96+60, RIDGELAND AVENUE
 STA 115+04 TO STA 119+45, RIDGELAND AVENUE



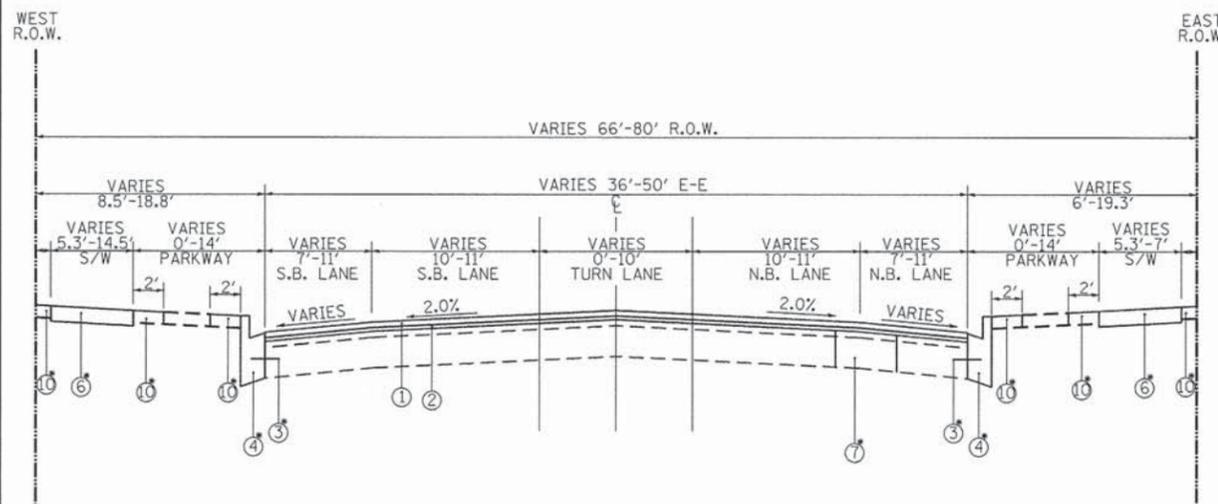
EXISTING TYPICAL SECTION
 STA 68+00 TO STA 72+28, RIDGELAND AVENUE

EXISTING LEGEND

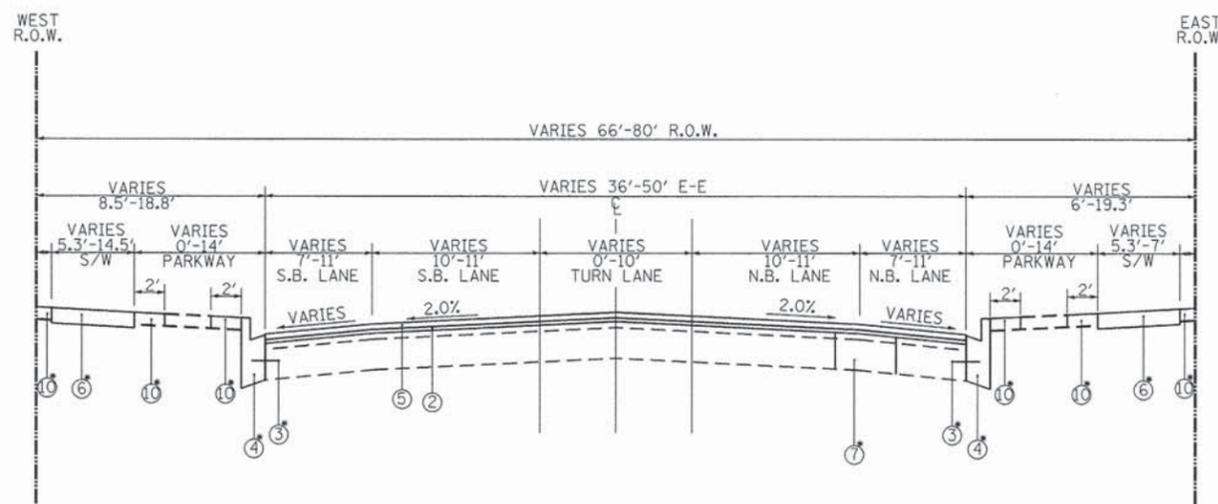
- (A) COMBINATION CURB AND GUTTER REMOVAL (44000500) (REFER TO PLANS FOR LOCATIONS)
- (B) SIDEWALK REMOVAL (44000600) (REFER TO PLANS FOR LOCATIONS)
- (C) EXISTING PARKWAY
- (D) HOT-MIX ASPHALT SURFACE REMOVAL, 3" (4400161)
- (E) EXISTING P.C.C. BASE COURSE ± 10"
- (F) EXISTING HMA BINDER COURSE

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 2" (40603340)
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 1" (40600827)
- (3) DRILL AND GROUT 3/4" EPOXY COATED TIE BARS AT 24" C-C (INCLUDED IN COST OF COMBINATION CURB & GUTTER) (BD-24)
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- (5) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90; 2" (40603595)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)
- (7) CLASS C PATCH, 10 INCH
- (8) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 1 1/2" (40603340)
- (9) LEVELING BINDER (MACHINE METHOD), N70; 3/4" (40600635)
- (10) TOPSOIL EXCAVATION AND PLACEMENT (21101505); SODDING (25200100)



PROPOSED TYPICAL SECTION NO. 5
 STA 60+80 TO STA 68+00, RIDGELAND AVENUE
 STA 90+96 TO STA 96+60, RIDGELAND AVENUE
 STA 115+04 TO STA 119+45, RIDGELAND AVENUE



PROPOSED TYPICAL SECTION NO. 6
 STA 68+00 TO STA 72+28, RIDGELAND AVENUE

NOTES:

- 1) CONTRACTOR SHALL MILL BEFORE PATCHING
- 2) SEE SHEET 2 FOR THE HMA MIXTURE REQUIREMENTS
- (*) DENOTES INTERMITTENT; SEE PROPOSED ROADWAY PLANS FOR CURB AND GUTTER, SIDEWALK, AND PATCH LOCATIONS

FILE NAME = 11_Typical Sections.dgn	USER NAME = bkutz	DESIGNED - BDK	REVISED -
		DRAWN - BDK	REVISED -
	PLOT SCALE = 5.0000' / in.	CHECKED - BM	REVISED -
Default	PLOT DATE = 3/24/2014	DATE - 03/24/2014	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RIDGELAND AVENUE
 EXISTING AND PROPOSED TYPICAL SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	11
				CONTRACT NO. 61A52
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 11 OF 62 SHEETS STA. TO STA.

UTILITY STRUCTURE SCHEDULE

LOCATION			TYPE	MANHOLES TO BE ADJUSTED (60255500)	MANHOLES TO BE RECONSTRUCTED (60257900)	VALVE BOXES TO BE ADJUSTED (60266600)	FRAMES, TYPE 1 (60400105)	LIDS, TYPE 1, OPEN LID (60403700)	LIDS, TYPE 1, CLOSED LID (60403800)	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)	HANDHOLE TO BE ADJUSTED (X8140115)
STA	OFFSET	SIDE									
35+78.41	11.34	RT.	STORM MANHOLE				1		1		
36+42.13	21.18	RT.	STORM INLET								
36+42.22	14.85	LT.	STORM INLET								
36+91.01	14.78	RT.	WATER VALVE VAULT								
37+08.92	36.58	LT.	STORM INLET								
37+09.38	37.82	RT.	STORM INLET								
37+15.91	2.29	RT.	STORM MANHOLE								
37+38.84	17.83	RT.	WATER VALVE VAULT								
37+41.23	38.7	RT.	WATER VALVE VAULT								
37+44.26	8.89	LT.	WATER VALVE VAULT								
37+47.40	37.39	LT.	STORM INLET								
37+48.03	40.79	RT.	STORM INLET								
39+18.13	18.17	RT.	STORM INLET					1			
39+18.86	17.57	LT.	STORM INLET					1			
40+60.47	0.15	LT.	STORM MANHOLE						1		
42+39.28	18.26	RT.	STORM INLET								
42+50.50	17.69	LT.	STORM INLET								
43+80.14	38.2	RT.	STORM INLET	1							
43+80.43	37.4	LT.	STORM INLET	1							
43+83.73	1.06	RT.	STORM MANHOLE						1		
43+94.58	17.88	RT.	STORM MANHOLE						1		
44+08.13	42.93	RT.	STORM INLET	1							
44+08.90	36.3	LT.	STORM INLET	1							
45+43.03	18	RT.	STORM INLET								
45+46.70	18.17	LT.	STORM INLET					1			
47+68.11	0.53	RT.	STORM MANHOLE						1		
48+76.86	17.84	LT.	STORM INLET								
48+78.57	18.17	RT.	STORM INLET					1			
50+30.31	30.45	LT.	HANDHOLE							1	
50+31.88	30.45	LT.	HANDHOLE							1	
50+44.29	16.3	RT.	UNIDENTIFIED						1		
50+47.33	0.24	RT.	STORM MANHOLE						1		
50+60.74	12.93	LT.	STORM MANHOLE						1		
50+67.85	8.03	LT.	WATER VALVE VAULT						1		
50+71.42	17.14	LT.	WATER VALVE VAULT						1		
50+75.83	8.48	LT.	WATER VALVE VAULT						1		
52+23.04	18.34	RT.	STORM INLET								
52+23.26	17.53	LT.	STORM INLET	1							
54+27.97	1.31	RT.	STORM MANHOLE						1		
55+27.58	18	RT.	STORM INLET	1				1			
55+28.49	17.75	LT.	STORM INLET	1							
56+88.19	17.75	LT.	STORM INLET	1							
56+99.89	37.21	RT.	STORM INLET	1				1			
57+04.38	0.76	RT.	STORM MANHOLE						1		
57+10.96	35.85	LT.	STORM INLET	1							
57+14.42	15.48	RT.	STORM MANHOLE						1		
57+24.89	22	LT.	STORM MANHOLE						1		
57+27.50	38.63	RT.	STORM INLET	1				1			
57+39.55	35.47	LT.	STORM INLET	1							
57+59.23	17.95	LT.	STORM INLET	1							
58+44.12	17.86	LT.	STORM INLET					1			
58+49.46	18.34	RT.	STORM INLET	1				1			
60+32.64	1.13	RT.	STORM MANHOLE						1		
60+77.56	17.97	RT.	STORM INLET	1							
60+81.25	18.36	LT.	STORM INLET								
63+33.81	0.02	RT.	STORM MANHOLE						1		
63+40.64	35.12	RT.	VALVE BOX			1					
63+41.70	43.44	LT.	HANDHOLE							1	
63+45.68	38.83	RT.	HANDHOLE							1	
63+48.24	29.05	RT.	STORM INLET	1							
63+52.93	42.43	RT.	STORM MANHOLE	1							
63+53.20	50.97	RT.	STORM MANHOLE	1							
64+10.25	34.79	RT.	STORM MANHOLE						1		
64+13.41	21.62	LT.	STORM MANHOLE						1		
64+17.86	8.17	LT.	WATER VALVE VAULT						1		
64+23.47	3.7	LT.	WATER VALVE VAULT						1		
64+24.81	24.19	LT.	WATER VALVE VAULT						1		
64+27.15	45.66	RT.	STORM INLET	1							
64+30.47	47.49	RT.	HANDHOLE							1	
64+32.43	7.66	LT.	WATER VALVE VAULT						1		
64+35.64	37.92	LT.	VALVE BOX			1					
64+41.21	43.19	RT.	HANDHOLE							1	
64+56.42	27.55	LT.	HANDHOLE							1	
64+58.00	27.55	LT.	HANDHOLE							1	
65+74.89	9.2	LT.	WATER VALVE VAULT						1		
65+77.95	24.58	LT.	STORM MANHOLE								1
66+10.90	23.2	LT.	STORM INLET								1
66+78.67	0.25	RT.	STORM MANHOLE						1		
68+13.13	21.9	LT.	STORM INLET	1							

UTILITY STRUCTURE SCHEDULE

LOCATION			TYPE	MANHOLES TO BE ADJUSTED (60255500)	MANHOLES TO BE RECONSTRUCTED (60257900)	VALVE BOXES TO BE ADJUSTED (60266600)	FRAMES, TYPE 1 (60400105)	LIDS, TYPE 1, OPEN LID (60403700)	LIDS, TYPE 1, CLOSED LID (60403800)	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)	HANDHOLE TO BE ADJUSTED (X8140115)
STA	OFFSET	SIDE									
68+17.08	21.79	RT.	STORM INLET								
69+92.19	22.01	LT.	STORM INLET								
70+10.05	32.75	LT.	VALVE BOX			1					
70+17.02	6.55	LT.	WATER VALVE VAULT								1
70+22.84	51.12	LT.	STORM INLET	1							
70+27.51	0.17	RT.	STORM MANHOLE								1
70+36.92	22.5	LT.	STORM MANHOLE								1
70+49.53	40.14	LT.	WATER VALVE VAULT								1
70+53.23	25.42	LT.	WATER VALVE VAULT								1
70+89.76	21.78	LT.	STORM INLET								
71+51.07	21.62	RT.	STORM INLET								
72+09.74	10.3	LT.	WATER VALVE VAULT								1
72+73.18	19.96	LT.	STORM INLET								
72+75.89	19.87	RT.	STORM INLET								1
73+30.71	1.22	LT.	STORM MANHOLE								1
75+18.50	20.31	RT.	STORM INLET								1
76+32.30	9.14	LT.	WATER VALVE VAULT								1
76+49.58	1.2	LT.	STORM MANHOLE								1
76+54.41	57.72	LT.	STORM INLET	1							
76+62.80	43.84	RT.	STORM INLET	1							
76+67.64	29.78	LT.	STORM MANHOLE								1
76+81.74	56.65	LT.	STORM INLET								
76+82.30	2.56	RT.	STORM MANHOLE								1
76+91.69	43.31	RT.	STORM INLET	1							
76+92.67	4.83	LT.	WATER VALVE VAULT								1
77+17.47	8.72	LT.	WATER VALVE VAULT								1
77+98.95	20.36	RT.	STORM INLET								1
78+02.52	19.63	LT.	STORM INLET								1
79+55.81	1.92	LT.	STORM INLET								1
81+34.45	20.24	RT.	STORM INLET								1
81+38.20	19.74	LT.	STORM INLET								1
82+98.93	45.11	LT.	STORM INLET	1							
82+99.73	43.47	RT.	STORM INLET	1							
83+01.86	1.47	LT.	STORM MANHOLE								1
83+15.24	23.76	LT.	STORM MANHOLE								1
83+27.17	43.46	LT.	STORM INLET	1							
83+28.01	41.99	RT.	STORM INLET	1							
84+94.30	20.05	LT.	STORM INLET								1
84+97.78	19.72	RT.	STORM INLET								1
86+02.54	0.43	LT.	STORM MANHOLE								1
87+87.40	6.03	LT.	UNIDENTIFIED								1
88+32.68	15.16	RT.	STORM MANHOLE								1
88+37.14	21.54	RT.	STORM INLET								
88+39.35	21.54	LT.	STORM INLET	1							
89+10.89	22.44	RT.	STORM INLET								
89+17.80	17.11	LT.	STORM MANHOLE								1
89+21.31	22.29	LT.	STORM INLET	1							
89+42.53	1.21	LT.	STORM MANHOLE								1
89+56.84	24.83	LT.	STORM MANHOLE								1
89+59.11	11.84	LT.	VALVE BOX			1					
89+62.74	7.44	LT.	VALVE BOX			1					
89+67.06	11.97	LT.	VALVE BOX			1					
89+69.94	37.96	RT.	STORM INLET								
89+75.29	37.61	LT.	STORM INLET								
89+87.90	0.18	LT.	STORM MANHOLE								1
89+88.79	25.56	LT.	STORM MANHOLE								
91+01.14	21.77	LT.	STORM INLET	1							1
91+01.64	21.02	RT.	STORM INLET	1							
91+28.30	0.6	LT.	MANHOLE								1
91+29.71	13.51	LT.	VALVE BOX			1					
91+49.92	13.21	LT.	WATER VALVE VAULT								1
91+87.99	22.76	LT.	STORM INLET	1							
91+99.34	23.58	RT.	STORM INLET								1
92+79.89	3.8	LT.	MANHOLE								1
93+27.42	23.96	RT.	STORM MANHOLE								1
93+28.84	23.99	LT.	STORM INLET								1
93+99.59	31.25	RT.	HANDHOLE								1
94+07.45	3.27	RT.	STORM MANHOLE								1
94+61.51	31.02	LT.	VALVE BOX			1					
94+61.52	13.1	LT.	WATER VALVE VAULT			1					1
94+66.28	16.21	LT.	WATER VALVE VAULT								1
94+70.20	45.37	RT.	STORM INLET	1							
94+82.31	45.79	LT.	VALVE BOX			1					

UTILITY STRUCTURE SCHEDULE

LOCATION			TYPE	MANHOLES TO BE ADJUSTED (60255500)	MANHOLES TO BE RECONSTRUCTED (60257900)	VALVE BOXES TO BE ADJUSTED (60266600)	FRAMES, TYPE 1 (60400105)	LIDS, TYPE 1, OPEN LID (60403700)	LIDS, TYPE 1, CLOSED LID (60403800)	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)	HANDHOLE TO BE ADJUSTED (X8140115)
STA	OFFSET	SIDE									
97+49.35	18.25	RT.	STORM INLET					1			
97+56.18	17.92	LT.	STORM INLET					1			
97+64.23	0.44	LT.	STORM MANHOLE						1		
98+94.37	0.38	RT.	STORM MANHOLE						1		
99+91.30	17.76	LT.	STORM INLET	1				1			
99+92.09	18.09	RT.	STORM INLET								
100+27.05	0.7	RT.	STORM MANHOLE						1		
101+76.92	43.16	RT.	STORM INLET	1							
101+78.60	40.71	LT.	STORM INLET	1				1			
101+81.27	0.31	RT.	STORM MANHOLE						1		
101+88.14	10.45	RT.	STORM MANHOLE						1		
101+90.65	21.89	RT.	STORM MANHOLE						1		
101+94.16	34.44	LT.	STORM MANHOLE				1		1		
101+97.54	0.53	RT.	STORM MANHOLE						1		
102+04.83	43.35	RT.	STORM INLET	1							
102+06.89	42.12	LT.	STORM INLET	1				1			
103+01.60	1.94	RT.	STORM MANHOLE						1		
103+15.39	17.77	LT.	STORM INLET	1							
103+18.20	18.22	RT.	STORM INLET	1							
104+05.35	1.82	RT.	STORM MANHOLE				1		1		
105+03.38	1.94	RT.	STORM MANHOLE						1		
105+58.05	17.43	LT.	STORM INLET					1			
105+61.83	18.37	RT.	STORM INLET	1							
106+65.52	25.3	LT.	VALVE BOX			1					
106+70.28	1.27	RT.	STORM MANHOLE						1		
106+71.80	39.9	LT.	STORM INLET	1				1			
106+72.62	43.54	RT.	STORM INLET	1				1			
106+73.16	22.5	RT.	STORM MANHOLE						1		
106+98.77	13.9	LT.	VALVE BOX			1					
106+99.63	44.22	RT.	STORM INLET	1				1			
107+01.03	41.6	LT.	STORM INLET	1				1			
107+70.10	1.62	RT.	STORM MANHOLE				1		1		
107+78.34	17.57	LT.	STORM INLET					1			
107+80.26	18.7	RT.	STORM INLET					1			
108+68.88	1.15	RT.	STORM MANHOLE				1		1		
109+69.66	0.76	RT.	STORM MANHOLE						1		
110+07.22	18	LT.	STORM INLET					1			
110+12.28	17.95	RT.	STORM INLET	1							
110+76.21	0.12	RT.	STORM MANHOLE						1		
111+50.30	17.86	RT.	STORM INLET	1							
111+73.97	43.7	RT.	STORM INLET	1							
111+75.39	40.77	LT.	STORM MANHOLE	1							
111+76.15	0.15	LT.	STORM MANHOLE						1		
111+88.31	22.41	RT.	STORM MANHOLE						1		
112+01.66	44.07	RT.	STORM INLET	1							
112+03.18	40.12	LT.	STORM INLET	1							
112+23.08	18.08	RT.	STORM INLET	1			1				
112+69.86	0.27	RT.	STORM MANHOLE						1		
113+18.30	17.4	LT.	STORM INLET	1				1			
113+20.40	18.12	RT.	STORM MANHOLE					1			
113+69.99	0.12	RT.	STORM MANHOLE						1		
114+72.20	0.35	RT.	STORM MANHOLE						1		
115+28.24	22.29	RT.	STORM MANHOLE	1			1		1		
115+41.89	20.79	RT.	STORM INLET	1			1				
115+44.24	20.6	LT.	STORM INLET	1							
115+46.34	18.14	RT.	STORM MANHOLE				1		1		
115+72.62	0.39	RT.	STORM MANHOLE				1		1		
116+13.82	22.7	RT.	STORM MANHOLE						1		
116+80.54	24.09	LT.	STORM INLET								
117+13.69	0.6	RT.	STORM MANHOLE						1		
117+39.06	14.97	LT.	WATER VALVE VAULT				1		1		
117+42.55	18.86	LT.	WATER VALVE VAULT		1						
117+42.57	11.59	LT.	VALVE BOX			1					
117+47.29	15.24	LT.	WATER VALVE VAULT						1		
117+58.64	9.42	LT.	STORM MANHOLE						1		
118+51.79	0.77	RT.	STORM MANHOLE						1		
118+66.40	23.12	LT.	STORM INLET	1							
118+68.19	23.23	RT.	STORM INLET					1			
120+02.55	0.82	RT.	STORM MANHOLE						1		
121+29.61	17.81	LT.	STORM INLET	1				1			
121+30.10	18	RT.	STORM INLET	1				1			
121+30.85	1.2	RT.	STORM MANHOLE				1		1		
122+63.04	1.12	RT.	STORM MANHOLE						1		
123+81.11	1.34	RT.	STORM MANHOLE				1		1		
123+91.05	1.01	RT.	STORM MANHOLE						1		
124+07.82	30.96	RT.	VALVE BOX			1					
125+10.54	17.85	RT.	STORM INLET						1		
125+11.99	18.13	LT.	STORM INLET					1			
125+20.36	0.66	RT.	STORM MANHOLE				1		1		

UTILITY STRUCTURE SCHEDULE

LOCATION			TYPE	MANHOLES TO BE ADJUSTED (60255500)	MANHOLES TO BE RECONSTRUCTED (60257900)	VALVE BOXES TO BE ADJUSTED (60266600)	FRAMES, TYPE 1 (60400105)	LIDS, TYPE 1, OPEN LID (60403700)	LIDS, TYPE 1, CLOSED LID (60403800)	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)	HANDHOLE TO BE ADJUSTED (X8140115)
STA	OFFSET	SIDE									
126+36.22	0.55	RT.	STORM MANHOLE							1	
127+87.56	1.28	RT.	STORM MANHOLE							1	
128+67.02	18.18	LT.	STORM INLET							1	
128+67.45	18.16	RT.	STORM INLET							1	
128+99.61	0.87	RT.	STORM MANHOLE		1						
130+16.25	12.84	LT.	WATER VALVE VAULT				1		1	1	
130+27.03	29.54	LT.	HANDHOLE								1
130+31.57	31.1	RT.	HANDHOLE								1
130+41.01	44.84	RT.	STORM INLET	1					1		
130+42.08	43.06	LT.	STORM INLET	1					1		
130+46.23	2.25	RT.	WATER VALVE VAULT				1		1	1	
130+70.16	44.13	RT.	STORM INLET						1		
130+70.81	45.13	LT.	STORM INLET	1					1		
130+71.99	15.09	LT.	WATER VALVE VAULT							1	
130+76.80	26.47	LT.	VALVE BOX			1					
130+77.14	20.38	RT.	WATER VALVE VAULT							1	
131+43.87	18.18	RT.	STORM INLET	1							
131+51.38	17.73	LT.	STORM INLET								
131+86.96	2.44	RT.	STORM MANHOLE							1	
133+54.59	3.19	RT.	STORM MANHOLE		1						
133+78.94	17.89	LT.	STORM INLET						1		
133+79.72	18.07	RT.	STORM INLET	1							
134+81.23	3.96	RT.	STORM MANHOLE							1	
135+67.70	18.24	RT.	STORM INLET						1		
135+79.94	17.74	LT.	STORM INLET						1		
136+51.08	47.33	LT.	STORM INLET						1		
136+55.36	4.35	RT.	STORM MANHOLE							1	
136+69.67	5.54	RT.	STORM MANHOLE				1		1	1	
136+74.25	15.34	LT.	WATER MANHOLE							1	
136+80.41	47.76	LT.	STORM INLET						1		
137+76.10	18.08	LT.	STORM INLET							1	
137+77.02	17.73	RT.	STORM INLET							1	
137+95.53	4.2	RT.	STORM MANHOLE							1	
139+28.73	3.99	RT.	STORM MANHOLE							1	
140+01.11	17.57	RT.	STORM INLET							1	
140+22.06	18.07	LT.	STORM INLET	1						1	
140+45.50	5.22	RT.	STORM MANHOLE							1	
141+32.17	17.65	RT.	STORM INLET							1	
141+45.45	18.92	LT.	STORM INLET							1	
141+76.83	13.28	RT.	STORM MANHOLE							1	
143+30.52	18.79	LT.	STORM INLET							1	
143+51.24	19.02	RT.	STORM INLET							1	
143+66.52	6.87	RT.	STORM MANHOLE							1	
89+64.24	15.79	LT.	VALVE BOX			1					
TOTALS				67	5	15	22	72	18	106	14

CLASS C PATCHES, 10"

LOCATION	AREA (SQ YD)	TYPE
57+54 RT	8	II
68+08 LT	38	IV
88+10 LT	44	IV
107+84 RT	28	IV
114+75 LT	13	II
118+35.5 RT	8	II
121+39 LT	33	IV
123+47 RT	7	II
126+79 LT	18	III
131+52 RT	4	I

ADDITIONAL PATCHING QUANTITIES TO BE SPECIFIED BY THE RESIDENT ENGINEER AFTER MILLING OPERATIONS

CLASS D PATCHES, 2"

STA. BEGIN	STA. END	OFFSET BEGIN	OFFSET END	AREA (SQ YD)	TYPE
15+97	16+15	4.5' RT	20.25' RT	31.5	IV
21+28	21+36	0.5' RT	18.5' RT	16	III
26+40	26+65	0.5' RT	18.5' RT	50	IV

CLASS D PATCHES TO BE UTILIZED AS SURFACE PATCHING OUTSIDE OF THE RESURFACING LIMITS ON RIDGELAND AVE ADJACENT TO BICYCLE SYMBOLS FROM ROOSEVELT RD TO HARRISON ST, AND DIVISION ST TO NORTH AVE. ADDITIONAL SURFACE PATCHING QUANTITIES TO BE SPECIFIED BY THE RESIDENT ENGINEER

SHEET	LOCATION				SIGN TYPE	DESCRIPTION	SIGN	RELOCATE SIGN	TELESCOPING	REMOVE GROUND	MOUNTING DESCRIPTION
	STA	OFFSET	SIDE	PANEL-TYPE 1			PANEL-TYPE 1	STEEL SIGN	MOUNTED SIGN		
				SIZE (SQ FT) 72000100			SIZE (SQ FT) 72400710	SUPPORT FOOT 72800100	SUPPORT EACH 73700100		
25	12+47	25.1'	RT.	W11-1		6.25		15		TELESCOPING STEEL SIGN SUPPORT	
25				W16-1P		3					
28	36+32	20.2'	LT.	W11-1		6.25		15		TELESCOPING STEEL SIGN SUPPORT (PAVEMENT MOUNT)	
28				W16-1P		3					
28	37+73	25.4'	RT.	W11-1	WAYFINDING	6.25	1.5			MOUNT TO EXIST STREET LIGHT	
28				W16-1P		3				MOUNT TO EXIST STREET LIGHT	
29	50+20	23.4'	RT.	W11-1		6.25				MOUNT TO EXIST STREET LIGHT	
29				W16-1P		3				MOUNT TO EXIST STREET LIGHT	
29	51+09	23.0'	RT.	W11-1	NO PARKING	6.25	3			MOUNT TO EXIST STREET LIGHT	
29				W16-1P		3				MOUNT TO EXIST STREET LIGHT	
30	60+60	21.9'	RT.	W11-1	NO PARKING	6.25	3		1	REMOVE GROUND MOUNTED SIGN SUPPORT	
30				W16-1P		3		17		TELESCOPING STEEL SIGN SUPPORT	
30	64+99	30.7'	RT.	W11-1		6.25		15		TELESCOPING STEEL SIGN SUPPORT (PAVEMENT MOUNT)	
30				W16-1P		3					
33	93+02	28.3'	LT.	W11-1		6.25		15		TELESCOPING STEEL SIGN SUPPORT	
33				W16-1P		3					
33	96+29	25.5'	RT.	W11-1		6.25		15		TELESCOPING STEEL SIGN SUPPORT	
33				W16-1P		3					
35	115+28	24.2'	LT.	W11-1		6.25		15		TELESCOPING STEEL SIGN SUPPORT	
35				W16-1P		3					
35	119+16	25.3'	RT.	W11-1		6.25		15		TELESCOPING STEEL SIGN SUPPORT	
35				W16-1P		3					
37	142+27	22'	LT.	W11-1	NO PARKING	6.25	3			MOUNT TO EXIST STREET LIGHT	
37				W16-1P		3				MOUNT TO EXIST STREET LIGHT	
38	145+18	22.2'	RT.	W11-1		6.25		15		TELESCOPING STEEL SIGN SUPPORT	
38				W16-1P		3					
40	168+76	22'	RT.	R4-11	NO PARKING	6.25	3			MOUNT TO EXIST STREET LIGHT	
40	168+97	23.6'	LT.	W11-1	NO PARKING	6.25	3		1	REMOVE GROUND MOUNTED SIGN SUPPORT	
40				W16-1P		3		17		TELESCOPING STEEL SIGN SUPPORT	
TOTALS							135.75	16.5	154	2	

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PLOT DATE = 3/24/2014

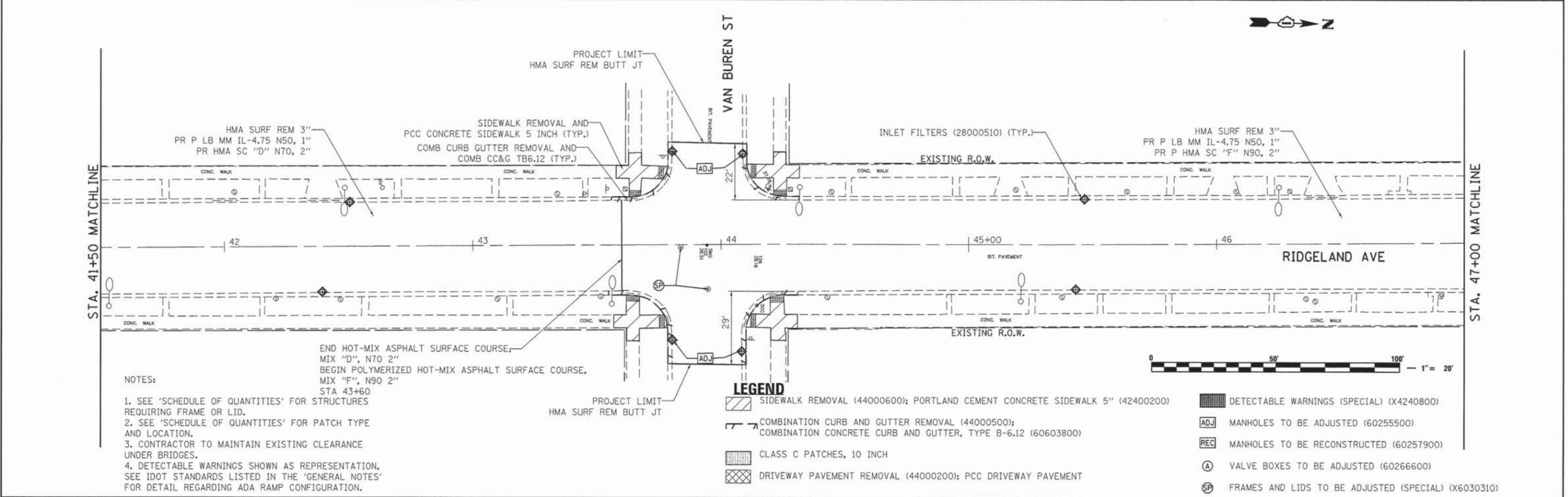
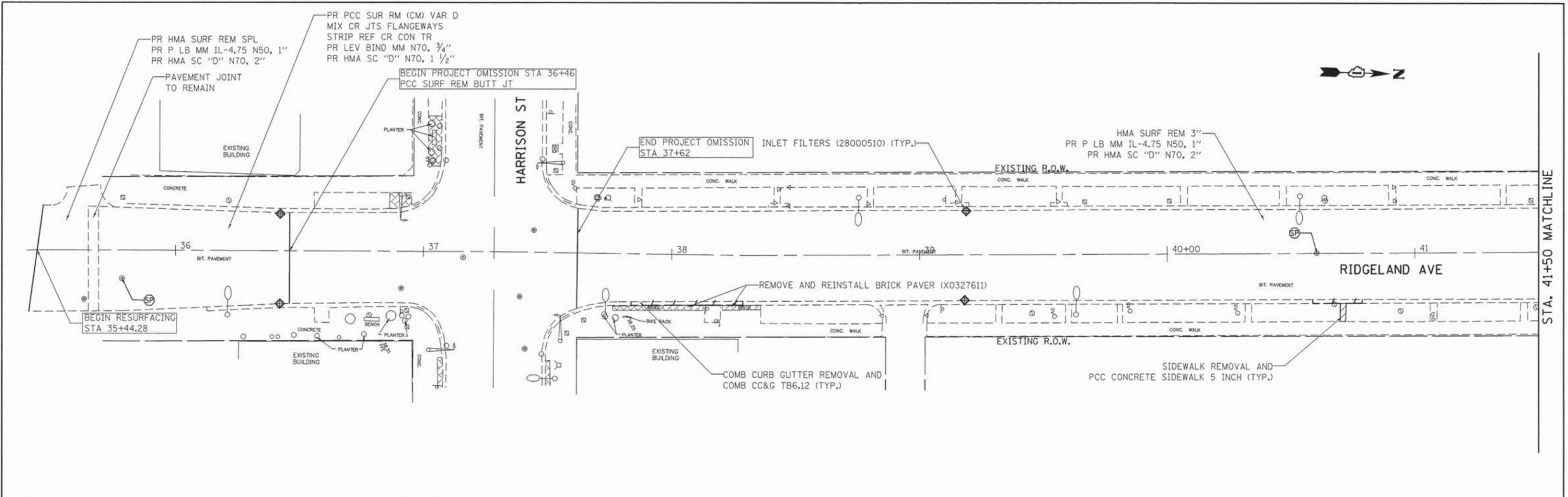
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DATE - 03/24/2014

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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIDGELAND AVENUE
SCHEDULE OF QUANTITIES
SCALE: SHEET 14 OF 62 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	14
CONTRACT NO. 61A52				
ILLINOIS FED. AID PROJECT M-4003(285)				



- NOTES:
1. SEE 'SCHEDULE OF QUANTITIES' FOR STRUCTURES REQUIRING FRAME OR LID.
 2. SEE 'SCHEDULE OF QUANTITIES' FOR PATCH TYPE AND LOCATION.
 3. CONTRACTOR TO MAINTAIN EXISTING CLEARANCE UNDER BRIDGES.
 4. DETECTABLE WARNINGS SHOWN AS REPRESENTATION, SEE IDOT STANDARDS LISTED IN THE 'GENERAL NOTES' FOR DETAIL REGARDING ADA RAMP CONFIGURATION.

END HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
 BEGIN POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
 STA 43+60

LEGEND

- SIDEWALK REMOVAL (44000600); PORTLAND CEMENT CONCRETE SIDEWALK 5" (42400200)
- COMBINATION CURB AND GUTTER REMOVAL (44000500); COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- CLASS C PATCHES, 10 INCH
- DRIVEWAY PAVEMENT REMOVAL (44000200); PCC DRIVEWAY PAVEMENT
- DETECTABLE WARNINGS (SPECIAL) (X4240800)
- MANHOLES TO BE ADJUSTED (60255500)
- MANHOLES TO BE RECONSTRUCTED (60257900)
- VALVE BOXES TO BE ADJUSTED (60266600)
- FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)

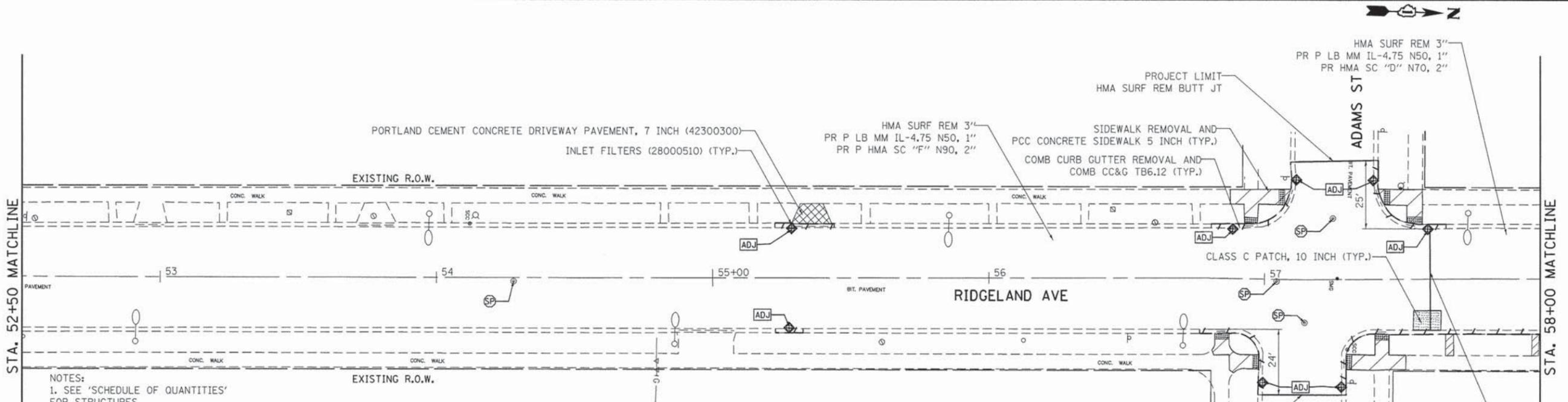
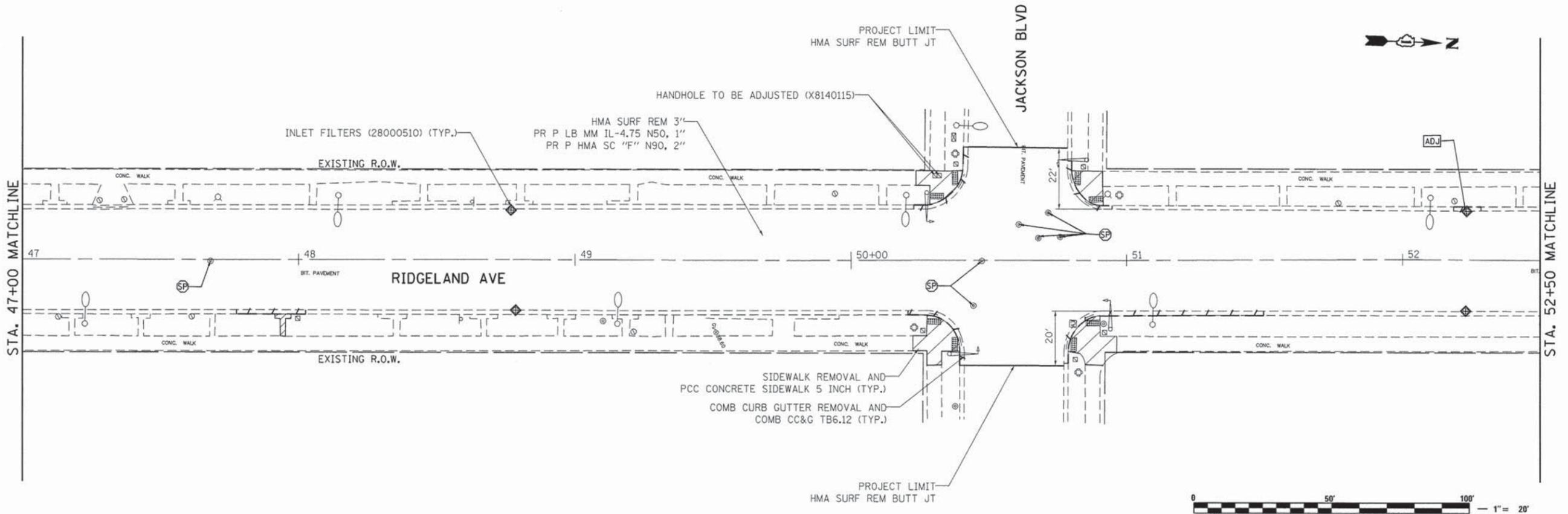
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	PLOT DATE = 3/24/2014	DATE - 03/24/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE
PROPOSED ROADWAY PLAN**

SCALE: 1"=20' SHEET 15 OF 62 SHEETS STA. 35+44 TO STA. 47+00

F.A.U. RTE. 2783	SECTION 13-00260-00-RS	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 15
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	



NOTES:
 1. SEE 'SCHEDULE OF QUANTITIES' FOR STRUCTURES REQUIRING FRAME OR LID.
 2. SEE 'SCHEDULE OF QUANTITIES' FOR PATCH TYPE AND LOCATION.
 3. CONTRACTOR TO MAINTAIN EXISTING CLEARANCE UNDER BRIDGES.
 4. DETECTABLE WARNINGS SHOWN AS REPRESENTATION, SEE IDOT STANDARDS LISTED IN THE 'GENERAL NOTES' FOR DETAIL REGARDING ADA RAMP CONFIGURATION.

LEGEND

- SIDEWALK REMOVAL (44000600); PORTLAND CEMENT CONCRETE SIDEWALK 5" (42400200)
- COMBINATION CURB AND GUTTER REMOVAL (44000500); COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- CLASS C PATCHES, 10 INCH
- DRIVEWAY PAVEMENT REMOVAL (44000200); PCC DRIVEWAY PAVEMENT
- DETECTABLE WARNINGS (SPECIAL) (X4240800)
- MANHOLES TO BE ADJUSTED (60255500)
- MANHOLES TO BE RECONSTRUCTED (60257900)
- VALVE BOXES TO BE ADJUSTED (60266600)
- FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)

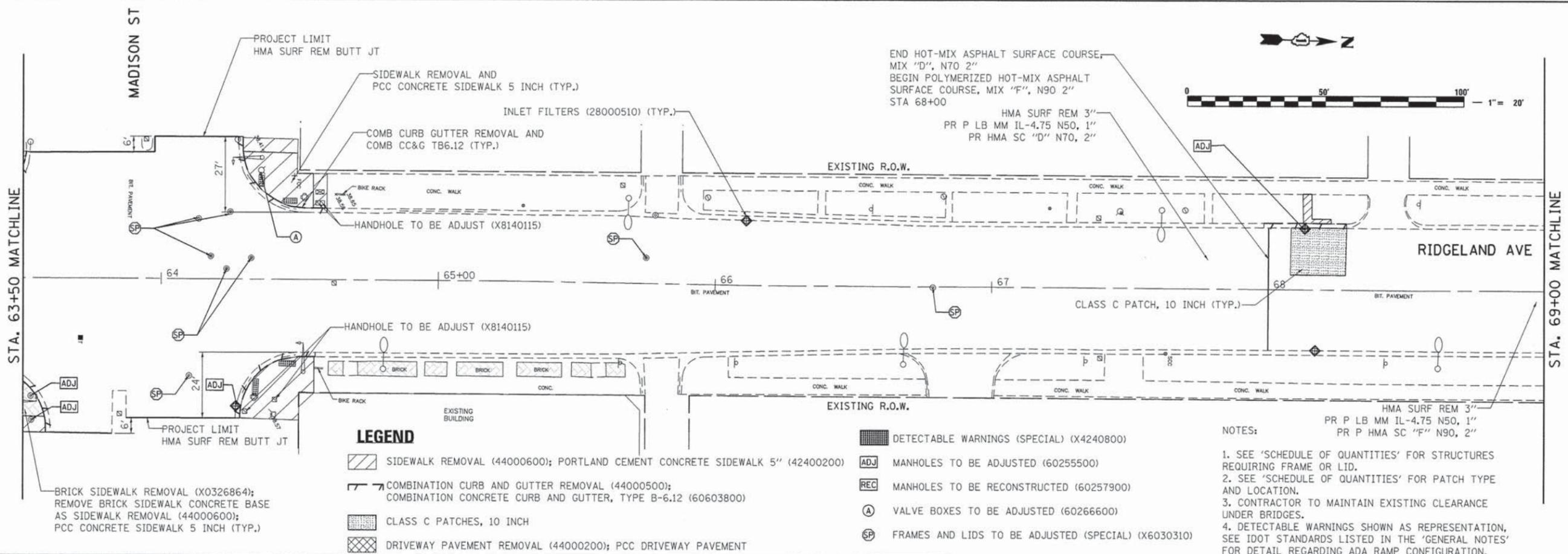
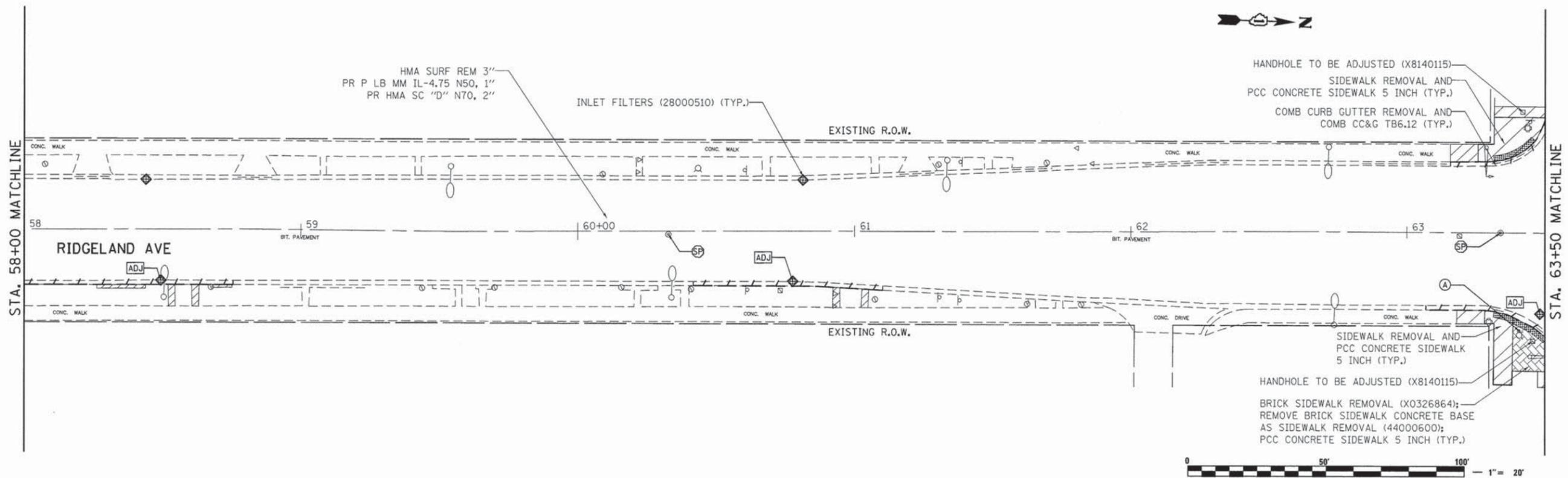
END POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
 BEGIN HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
 STA 57+60

FILE NAME = 16_Proposed Plan.dgn	USER NAME = bkutz	DESIGNED - BDK	REVISED -
	PLOT SCALE = 20.0000' / 1"	DRAWN - BDK	REVISED -
	PLOT DATE = 3/24/2014	CHECKED - BM	REVISED -
		DATE - 03/24/2014	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RIDGELAND AVENUE PROPOSED ROADWAY PLAN			
SCALE: 1"=20'	SHEET 16	OF 62 SHEETS	STA. 47+00 TO STA. 58+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	16
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	



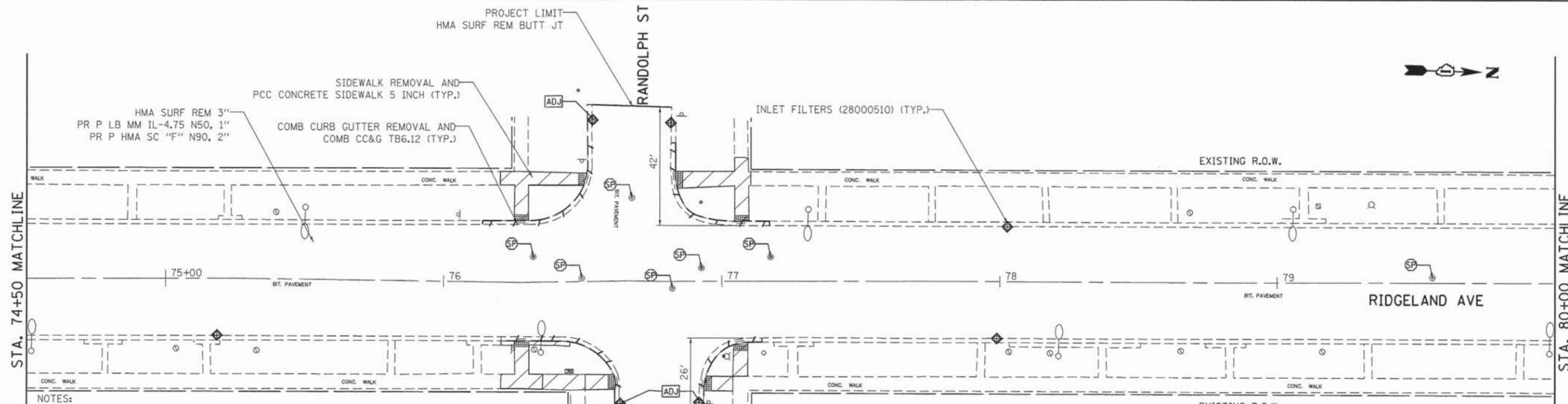
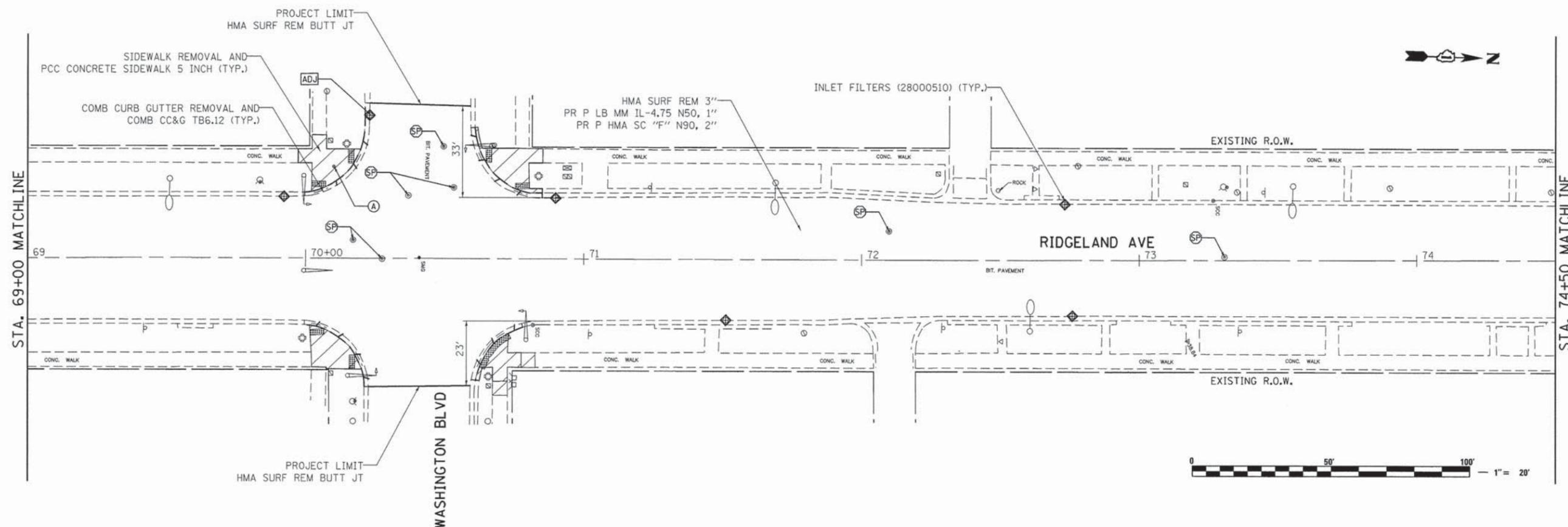
LEGEND

- SIDEWALK REMOVAL (44000600); PORTLAND CEMENT CONCRETE SIDEWALK 5" (42400200)
- COMBINATION CURB AND GUTTER REMOVAL (44000500); COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- CLASS C PATCHES, 10 INCH
- DRIVEWAY PAVEMENT REMOVAL (44000200); PCC DRIVEWAY PAVEMENT
- DETECTABLE WARNINGS (SPECIAL) (X4240800)
- MANHOLES TO BE ADJUSTED (60255500)
- MANHOLES TO BE RECONSTRUCTED (60257900)
- VALVE BOXES TO BE ADJUSTED (60266600)
- FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)

NOTES:

- SEE 'SCHEDULE OF QUANTITIES' FOR STRUCTURES REQUIRING FRAME OR LID.
- SEE 'SCHEDULE OF QUANTITIES' FOR PATCH TYPE AND LOCATION.
- CONTRACTOR TO MAINTAIN EXISTING CLEARANCE UNDER BRIDGES.
- DETECTABLE WARNINGS SHOWN AS REPRESENTATION, SEE IDOT STANDARDS LISTED IN THE 'GENERAL NOTES' FOR DETAIL REGARDING ADA RAMP CONFIGURATION.

FILE NAME = 17_Proposed Plan.dgn	USER NAME = bkutz	DESIGNED - BDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIDGELAND AVENUE PROPOSED ROADWAY PLAN			F.A.U. RTE. 2783	SECTION 13-00260-00-RS	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 17
Default	PLOT SCALE = 20.0000' / 1" =	DRAWN - BDK	REVISED -		SCALE: 1"=20'	SHEET 17	OF 62 SHEETS	STA. 58+00	TO STA. 69+00	CONTRACT NO. 61A52		
	PLOT DATE = 3/24/2014	CHECKED - BM	REVISED -		ILLINOIS FED. AID PROJECT M-4003(285)							
		DATE - 03/24/2014	REVISED -									



NOTES:

1. SEE 'SCHEDULE OF QUANTITIES' FOR STRUCTURES REQUIRING FRAME OR LID.
2. SEE 'SCHEDULE OF QUANTITIES' FOR PATCH TYPE AND LOCATION.
3. CONTRACTOR TO MAINTAIN EXISTING CLEARANCE UNDER BRIDGES.
4. DETECTABLE WARNINGS SHOWN AS REPRESENTATION, SEE IDOT STANDARDS LISTED IN THE 'GENERAL NOTES' FOR DETAIL REGARDING ADA RAMP CONFIGURATION.

LEGEND

	SIDEWALK REMOVAL (44000600); PORTLAND CEMENT CONCRETE SIDEWALK 5" (42400200)
	COMBINATION CURB AND GUTTER REMOVAL (44000500); COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
	CLASS C PATCHES, 10 INCH
	DRIVEWAY PAVEMENT REMOVAL (44000200); PCC DRIVEWAY PAVEMENT

	DETECTABLE WARNINGS (SPECIAL) (X4240800)
	MANHOLES TO BE ADJUSTED (60255500)
	MANHOLES TO BE RECONSTRUCTED (60257900)
	VALVE BOXES TO BE ADJUSTED (60266600)
	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)

FILE NAME = 18.Proposed Plan.dgn
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 PLOT DATE = 3/24/2014

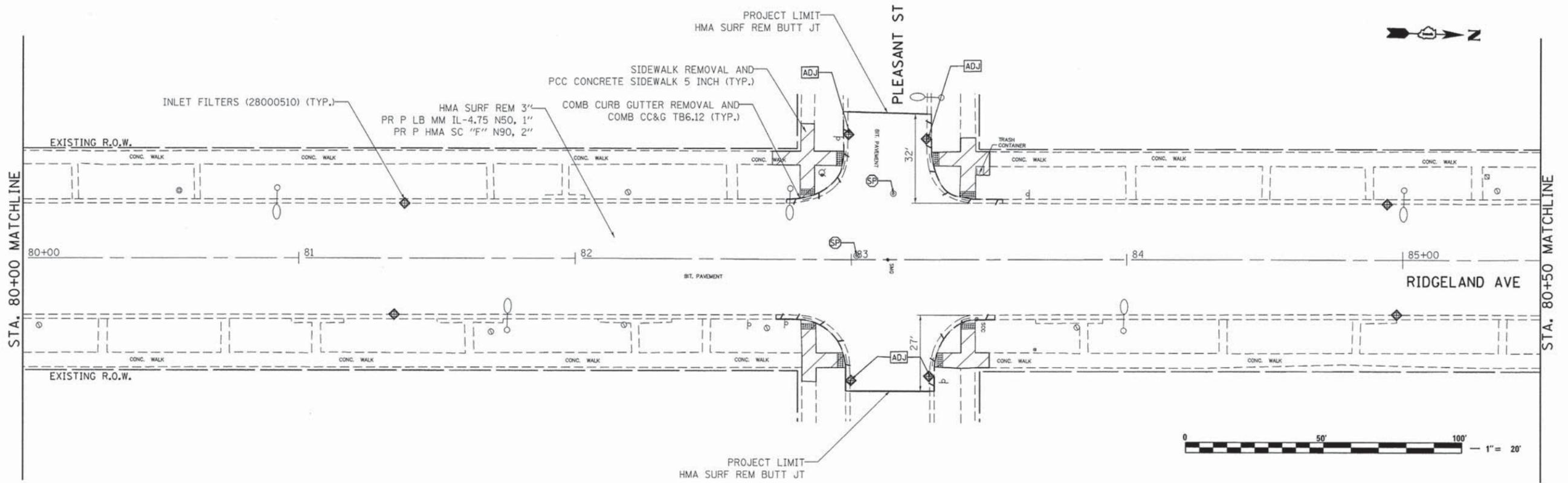
DESIGNED - BDK
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 CHECKED - BM
 DATE - 03/24/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

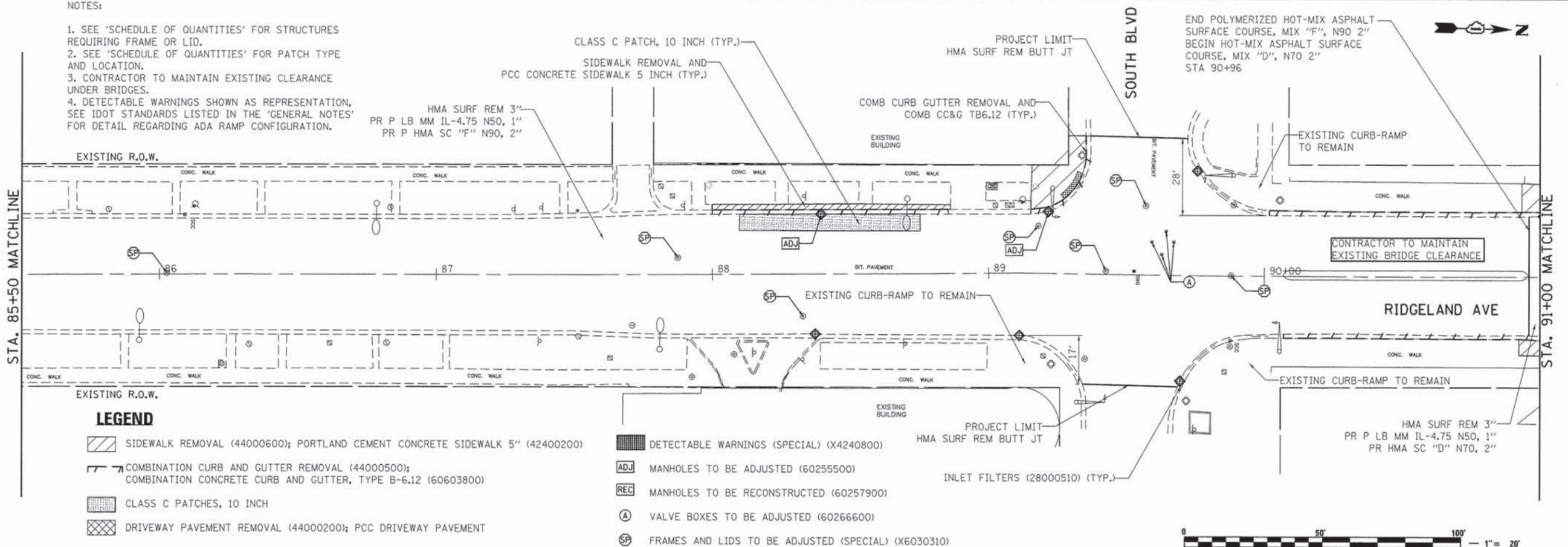
**RIDGELAND AVENUE
 PROPOSED ROADWAY PLAN**
 SCALE: 1"=20' SHEET 18 OF 62 SHEETS STA. 69+00 TO STA. 80+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	18
				CONTRACT NO. 61A52
[ILLINOIS] FED. AID PROJECT M-4003(285)				



NOTES:

1. SEE 'SCHEDULE OF QUANTITIES' FOR STRUCTURES REQUIRING FRAME OR LID.
2. SEE 'SCHEDULE OF QUANTITIES' FOR PATCH TYPE AND LOCATION.
3. CONTRACTOR TO MAINTAIN EXISTING CLEARANCE UNDER BRIDGES.
4. DETECTABLE WARNINGS SHOWN AS REPRESENTATION, SEE IDOT STANDARDS LISTED IN THE 'GENERAL NOTES' FOR DETAIL REGARDING ADA RAMP CONFIGURATION.



LEGEND

- SIDEWALK REMOVAL (44000600); PORTLAND CEMENT CONCRETE SIDEWALK 5" (42400200)
- COMBINATION CURB AND GUTTER REMOVAL (44000500); COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- CLASS C PATCHES, 10 INCH
- DRIVEWAY PAVEMENT REMOVAL (44000200); PCC DRIVEWAY PAVEMENT
- DETECTABLE WARNINGS (SPECIAL) (X4240800)
- MANHOLES TO BE ADJUSTED (60255500)
- MANHOLES TO BE RECONSTRUCTED (60257900)
- VALVE BOXES TO BE ADJUSTED (60266600)
- FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)

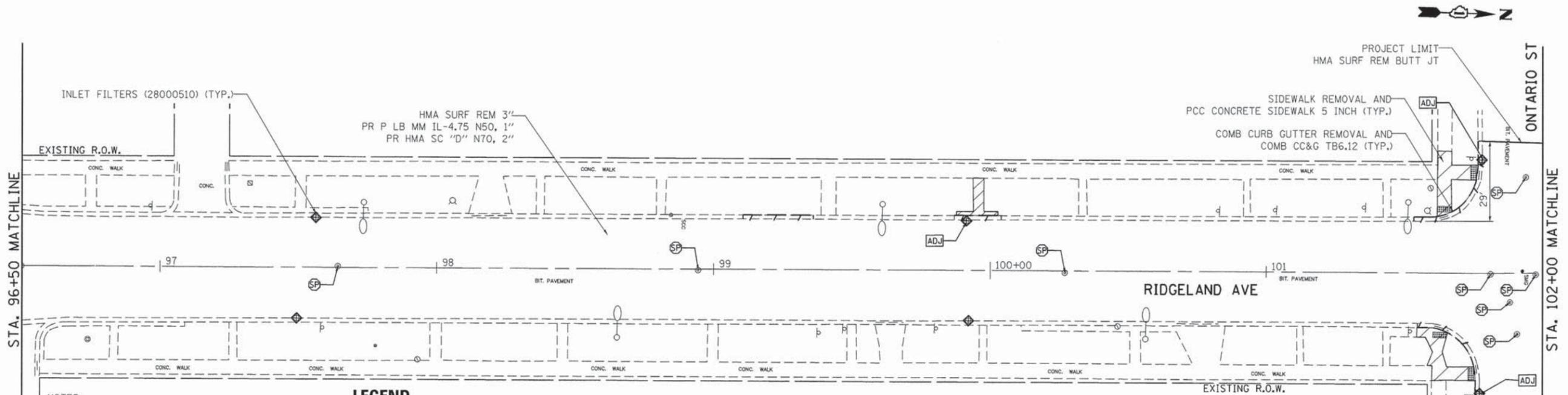
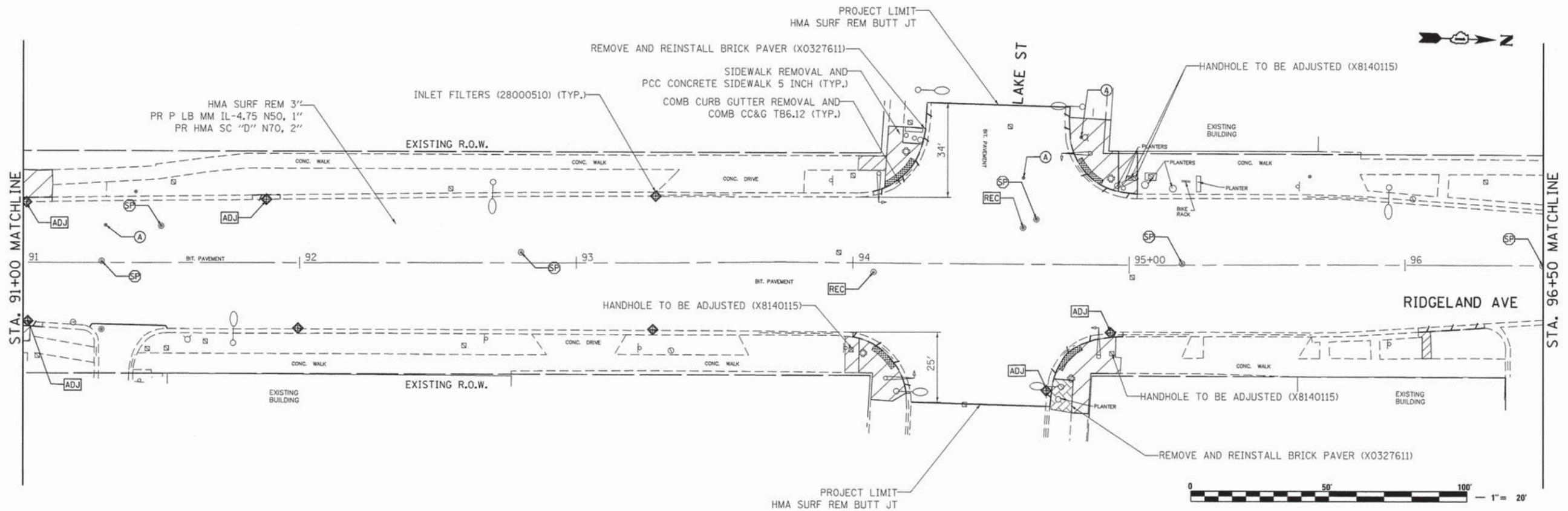
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 PLOT DATE = 3/24/2014

DESIGNED - BDK	REVISD -
DRAWN - BDK	REVISD -
CHECKED - BM	REVISD -
DATE - 03/24/2014	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RIDGELAND AVENUE PROPOSED ROADWAY PLAN	
SCALE: 1"=20'	SHEET 19 OF 62 SHEETS
STA. 80+00	TO STA. 91+00

F.A.U. RTE. 2783	SECTION 13--00260-00-R5	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 19
CONTRACT NO. 61A52				ILLINOIS FED. AID PROJECT M-4003(285)



NOTES:

1. SEE 'SCHEDULE OF QUANTITIES' FOR STRUCTURES REQUIRING FRAME OR LID.
2. SEE 'SCHEDULE OF QUANTITIES' FOR PATCH TYPE AND LOCATION.
3. CONTRACTOR TO MAINTAIN EXISTING CLEARANCE UNDER BRIDGES.
4. DETECTABLE WARNINGS SHOWN AS REPRESENTATION, SEE IDOT STANDARDS LISTED IN THE 'GENERAL NOTES' FOR DETAIL REGARDING ADA RAMP CONFIGURATION.

LEGEND

- | | |
|--|---|
| SIDEWALK REMOVAL (44000600); PORTLAND CEMENT CONCRETE SIDEWALK 5" (42400200) | DETECTABLE WARNINGS (SPECIAL) (X4240800) |
| COMBINATION CURB AND GUTTER REMOVAL (44000500); COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800) | MANHOLES TO BE ADJUSTED (60255500) |
| CLASS C PATCHES, 10 INCH | MANHOLES TO BE RECONSTRUCTED (60257900) |
| DRIVEWAY PAVEMENT REMOVAL (44000200); PCC DRIVEWAY PAVEMENT | VALVE BOXES TO BE ADJUSTED (60266600) |
| | FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310) |

FILE NAME = 20_Proposed Plan.dgn
 USER NAME = bkutz
 PLOT SCALE = 20.0000' / 1" =
 PLOT DATE = 3/24/2014

DESIGNED - BDK
 DRAWN - BDK
 CHECKED - BM
 DATE - 03/24/2014

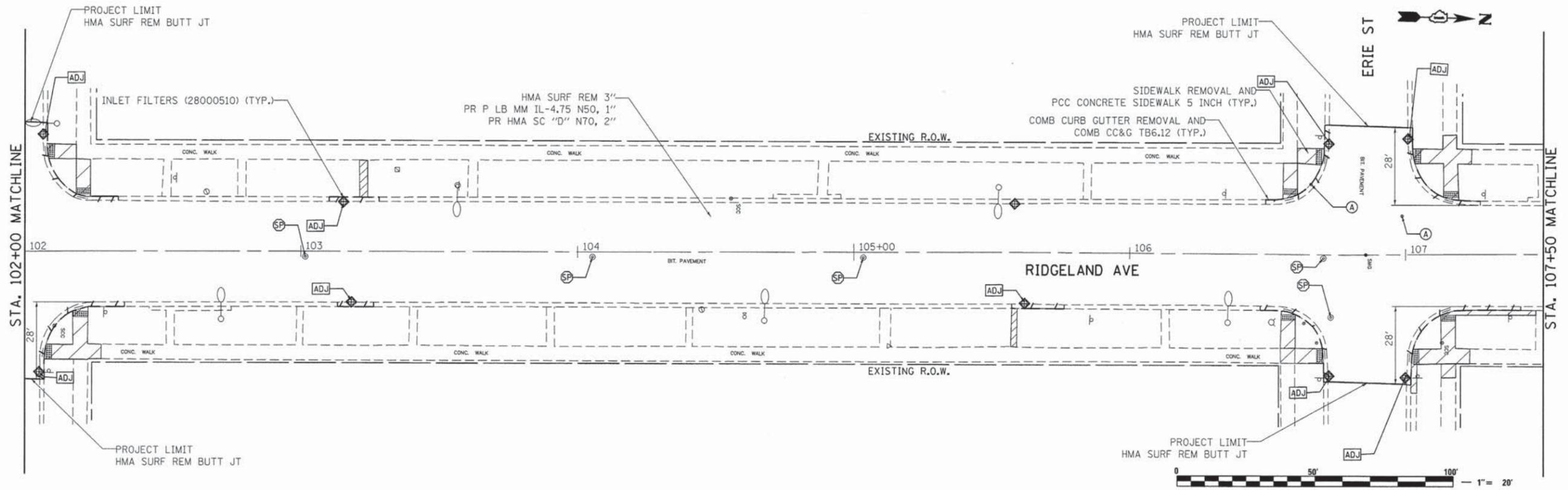
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RIDGELAND AVENUE
 PROPOSED ROADWAY PLAN

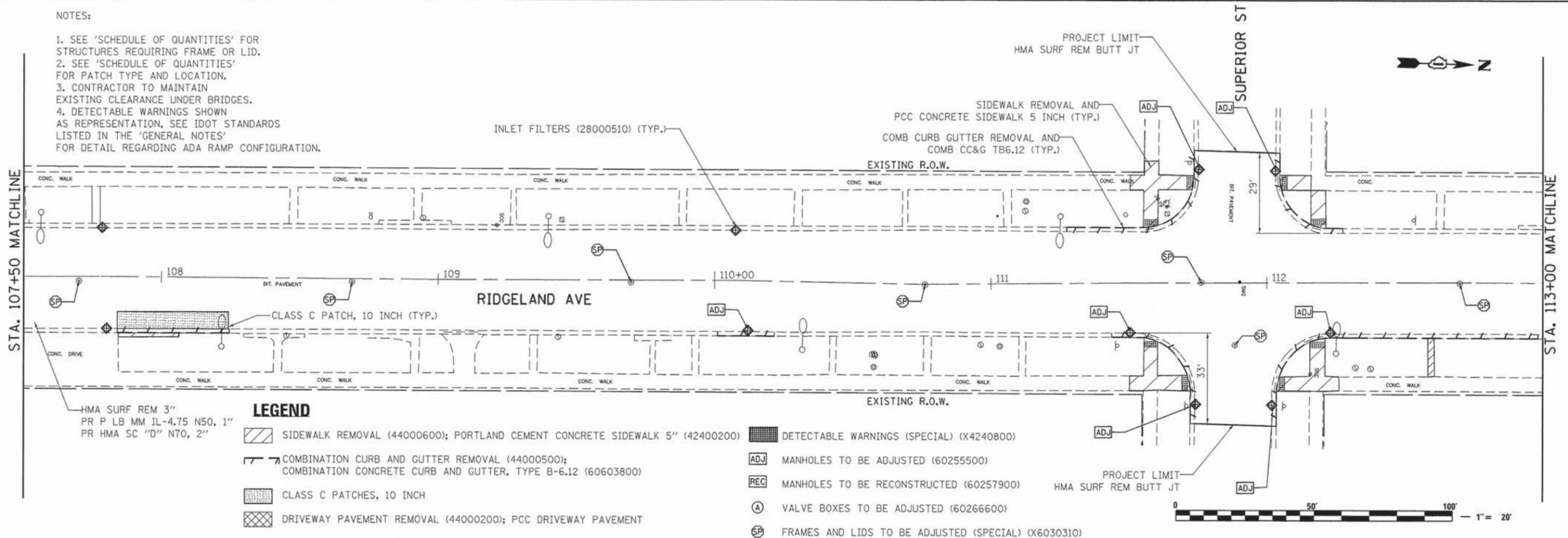
SCALE: 1"=20'
 SHEET 20 OF 62 SHEETS
 STA. 91+00 TO STA. 102+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	20
CONTRACT NO. 61A52				
ILLINOIS FED. AID PROJECT M-4003(285)				



NOTES:

1. SEE 'SCHEDULE OF QUANTITIES' FOR STRUCTURES REQUIRING FRAME OR LID.
2. SEE 'SCHEDULE OF QUANTITIES' FOR PATCH TYPE AND LOCATION.
3. CONTRACTOR TO MAINTAIN EXISTING CLEARANCE UNDER BRIDGES.
4. DETECTABLE WARNINGS SHOWN AS REPRESENTATION, SEE IDOT STANDARDS LISTED IN THE 'GENERAL NOTES' FOR DETAIL REGARDING ADA RAMP CONFIGURATION.



LEGEND

- | | |
|--|---|
| SIDEWALK REMOVAL (44000600); PORTLAND CEMENT CONCRETE SIDEWALK 5" (42400200) | DETECTABLE WARNINGS (SPECIAL) (X4240800) |
| COMBINATION CURB AND GUTTER REMOVAL (44000500); COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800) | MANHOLES TO BE ADJUSTED (60255500) |
| CLASS C PATCHES, 10 INCH | MANHOLES TO BE RECONSTRUCTED (60257900) |
| DRIVEWAY PAVEMENT REMOVAL (44000200); PCC DRIVEWAY PAVEMENT | VALVE BOXES TO BE ADJUSTED (60266600) |
| | FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310) |

FILE NAME = 2L_Proposed Plan.dgn
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PLOT DATE = 3/24/2014

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DATE - 03/24/2014

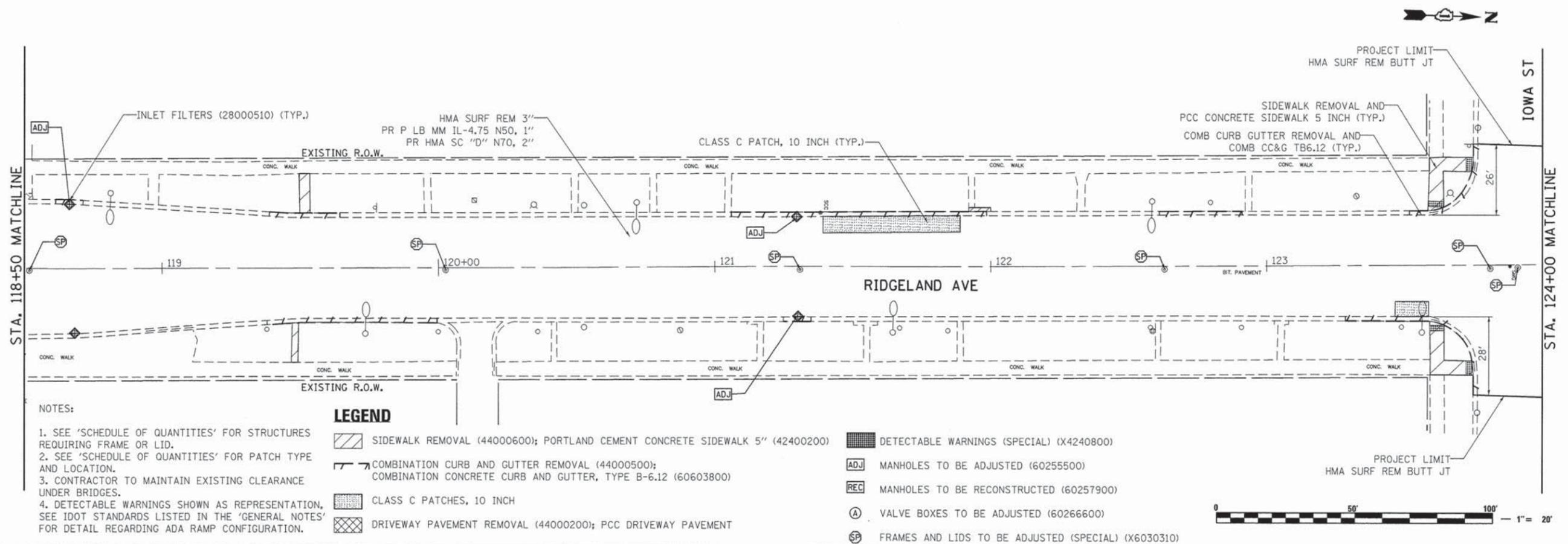
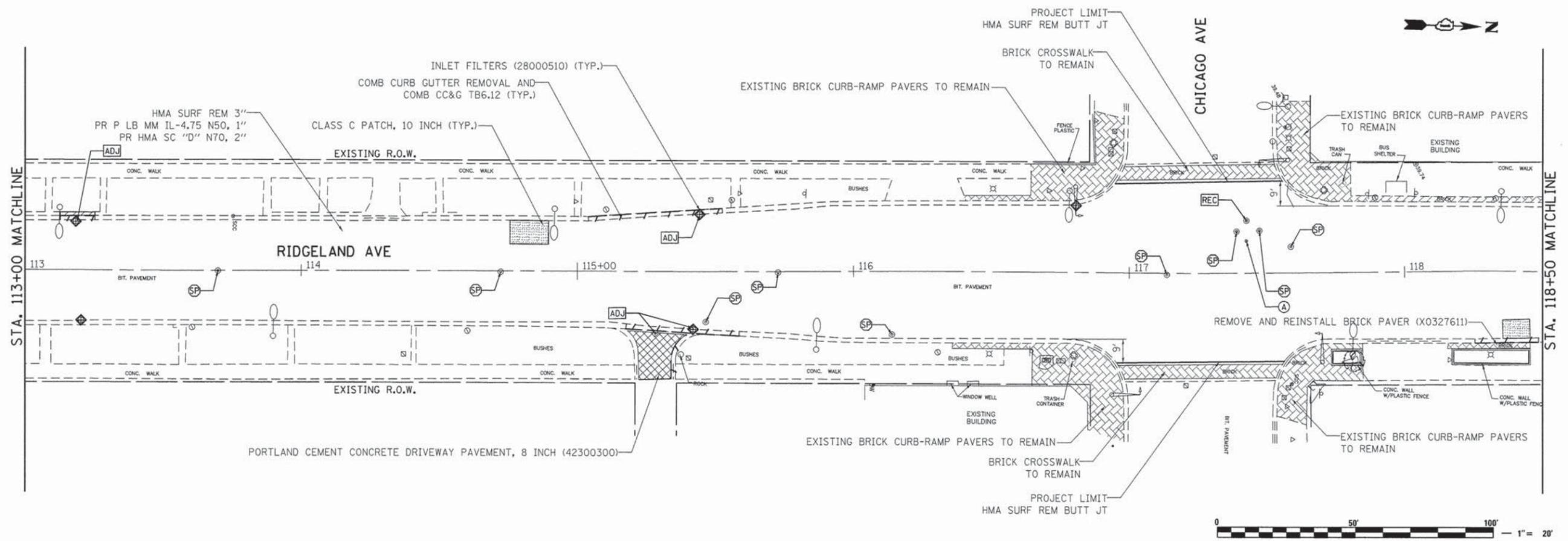
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE
PROPOSED ROADWAY PLAN**

SCALE: 1"=20' SHEET 21 OF 62 SHEETS STA. 102+00 TO STA. 113+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	21
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	



NOTES:

1. SEE 'SCHEDULE OF QUANTITIES' FOR STRUCTURES REQUIRING FRAME OR LID.
2. SEE 'SCHEDULE OF QUANTITIES' FOR PATCH TYPE AND LOCATION.
3. CONTRACTOR TO MAINTAIN EXISTING CLEARANCE UNDER BRIDGES.
4. DETECTABLE WARNINGS SHOWN AS REPRESENTATION, SEE IDOT STANDARDS LISTED IN THE 'GENERAL NOTES' FOR DETAIL REGARDING ADA RAMP CONFIGURATION.

LEGEND

- SIDEWALK REMOVAL (44000600); PORTLAND CEMENT CONCRETE SIDEWALK 5" (42400200)
- COMBINATION CURB AND GUTTER REMOVAL (44000500); COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- CLASS C PATCHES, 10 INCH
- DRIVEWAY PAVEMENT REMOVAL (44000200); PCC DRIVEWAY PAVEMENT
- DETECTABLE WARNINGS (SPECIAL) (X4240800)
- MANHOLES TO BE ADJUSTED (60255500)
- MANHOLES TO BE RECONSTRUCTED (60257900)
- VALVE BOXES TO BE ADJUSTED (60266600)
- FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)

FILE NAME = 22_Proposed Plan.dgn
 USER NAME = bkutz
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 PLOT DATE = 3/24/2014

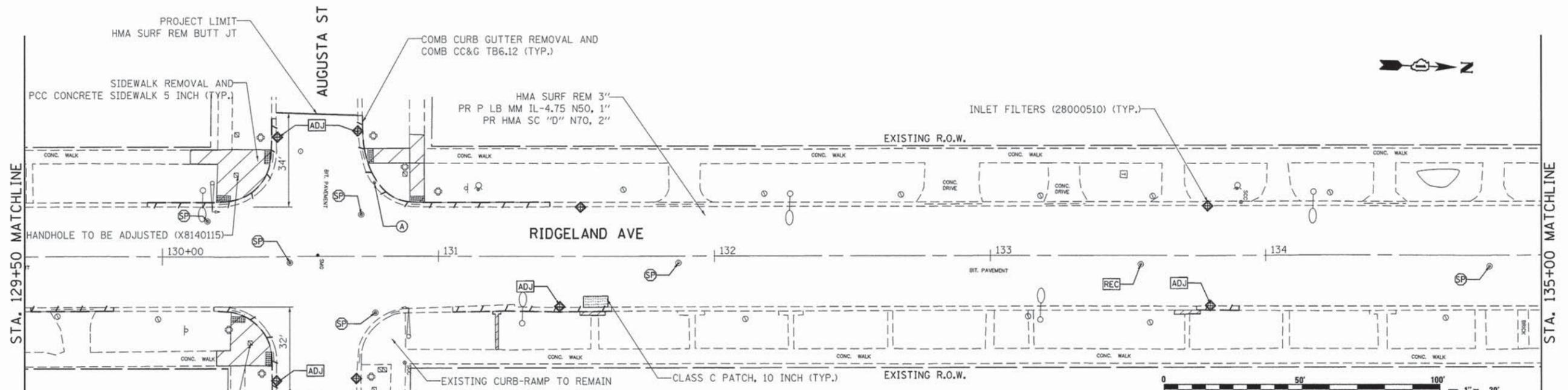
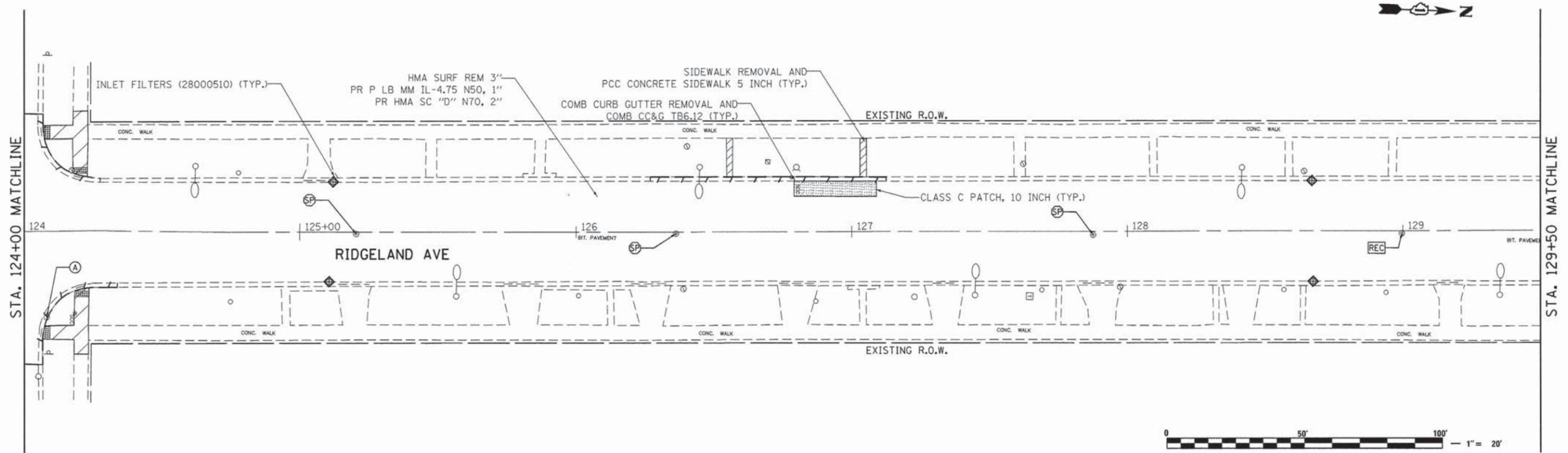
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DRAWN - BDK	REVISED -
CHECKED - BM	REVISED -
DATE - 03/24/2014	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE
 PROPOSED ROADWAY PLAN**

SCALE: 1"=20' SHEET 22 OF 62 SHEETS STA. 113+00 TO STA. 124+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	22
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	



LEGEND

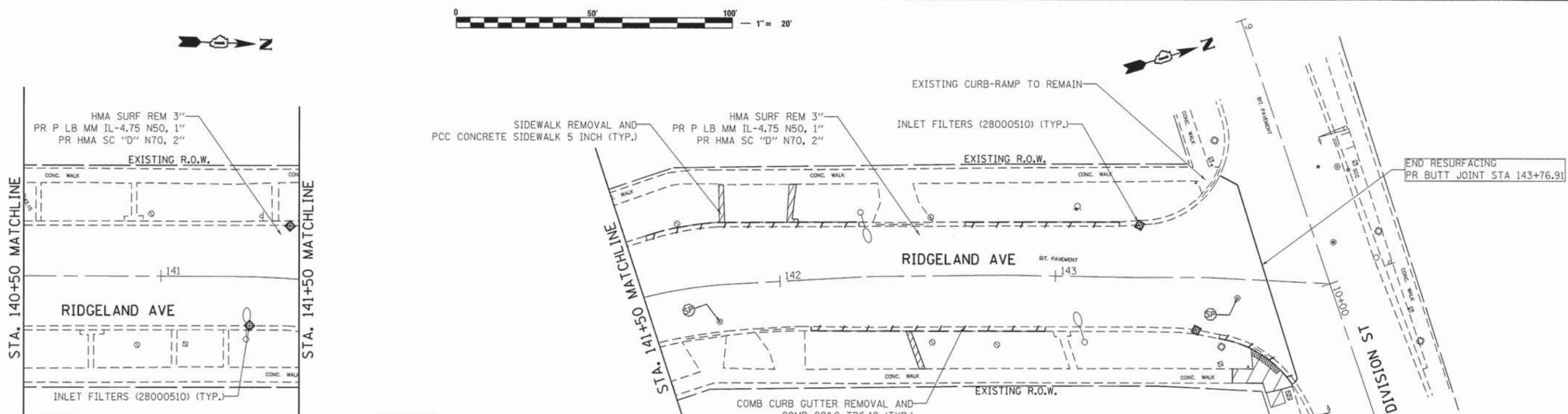
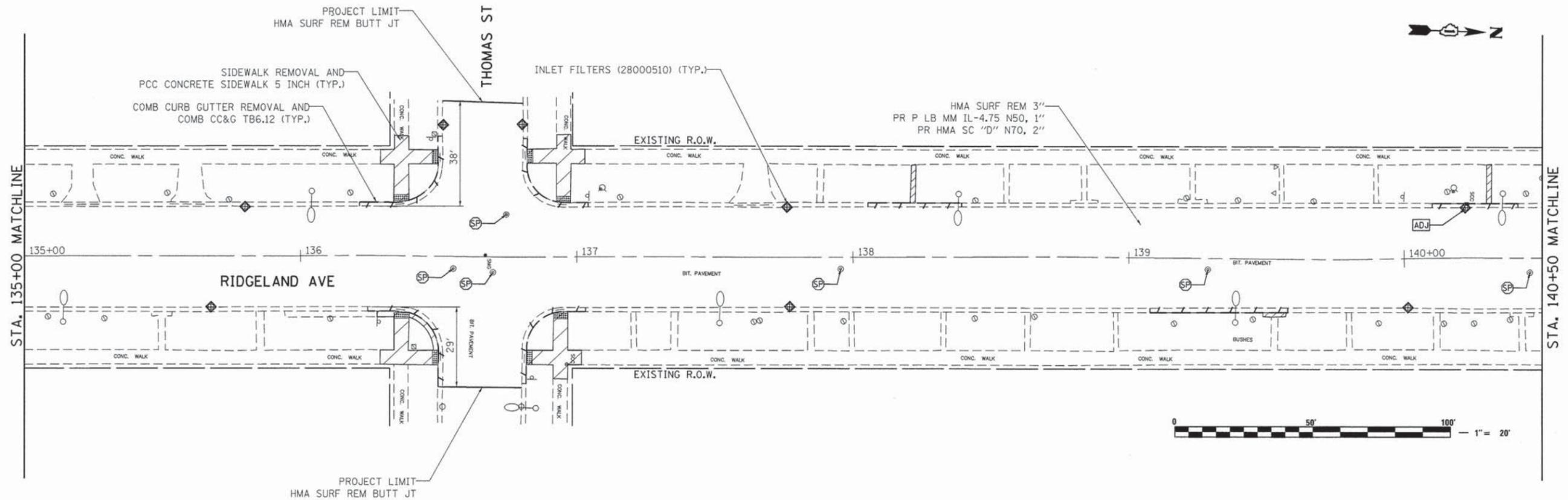
- SIDEWALK REMOVAL (44000600); PORTLAND CEMENT CONCRETE SIDEWALK 5" (42400200)
- COMBINATION CURB AND GUTTER REMOVAL (44000500); COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- CLASS C PATCHES, 10 INCH
- DRIVEWAY PAVEMENT REMOVAL (44000200); PCC DRIVEWAY PAVEMENT

- DETECTABLE WARNINGS (SPECIAL) (X4240800)
- ADJ** MANHOLES TO BE ADJUSTED (60255500)
- REC** MANHOLES TO BE RECONSTRUCTED (60257900)
- A** VALVE BOXES TO BE ADJUSTED (60266600)
- SP** FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)

NOTES:

- SEE 'SCHEDULE OF QUANTITIES' FOR STRUCTURES REQUIRING FRAME OR LID.
- SEE 'SCHEDULE OF QUANTITIES' FOR PATCH TYPE AND LOCATION.
- CONTRACTOR TO MAINTAIN EXISTING CLEARANCE UNDER BRIDGES.
- DETECTABLE WARNINGS SHOWN AS REPRESENTATION, SEE IDOT STANDARDS LISTED IN THE 'GENERAL NOTES' FOR DETAIL REGARDING ADA RAMP CONFIGURATION.

FILE NAME = 23_Proposed Plan.dgn	USER NAME = bkutz	DESIGNED - BDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIDGELAND AVENUE PROPOSED ROADWAY PLAN			F.A.U. RTE. 2783	SECTION 13-00260-00-RS	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 23
Default	PLOT SCALE = 20.0000' / in.	DRAWN - BDK	REVISED -		SCALE: 1"=20'	SHEET 23	OF 62 SHEETS	STA. 124+00	TO STA. 135+00	CONTRACT NO. 61A52		
	PLOT DATE = 3/24/2014	CHECKED - BM	REVISED -							[ILLINOIS] FED. AID PROJECT M-4003(285)		
		DATE - 03/24/2014	REVISED -									



- NOTES:
1. SEE 'SCHEDULE OF QUANTITIES' FOR STRUCTURES REQUIRING FRAME OR LID.
 2. SEE 'SCHEDULE OF QUANTITIES' FOR PATCH TYPE AND LOCATION.
 3. CONTRACTOR TO MAINTAIN EXISTING CLEARANCE UNDER BRIDGES.
 4. DETECTABLE WARNINGS SHOWN AS REPRESENTATION, SEE IDOT STANDARDS LISTED IN THE 'GENERAL NOTES' FOR DETAIL REGARDING ADA RAMP CONFIGURATION.

- LEGEND**
- SIDEWALK REMOVAL (44000600); PORTLAND CEMENT CONCRETE SIDEWALK 5" (42400200)
 - COMBINATION CURB AND GUTTER REMOVAL (44000500); COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
 - CLASS C PATCHES, 10 INCH
 - DRIVEWAY PAVEMENT REMOVAL (44000200); PCC DRIVEWAY PAVEMENT
 - DETECTABLE WARNINGS (SPECIAL) (X4240800)
 - MANHOLES TO BE ADJUSTED (60255500)
 - MANHOLES TO BE RECONSTRUCTED (60257900)
 - VALVE BOXES TO BE ADJUSTED (60266600)
 - FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (X6030310)

FILE NAME = 24_Proposed Plan.dgn	USER NAME = bkutz	DESIGNED - BDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIDGELAND AVENUE PROPOSED ROADWAY PLAN			F.A.J. RTE. 2783	SECTION 13-00260-00-RS	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 24	
Default	PLOT SCALE = 20.0000' / in.	DRAWN - BDK	REVISED -		SCALE: 1"=20'	SHEET 24	OF 62 SHEETS	STA. 135+00	TO STA. 143+77	CONTRACT NO. 61A52			
	PLOT DATE = 3/24/2014	CHECKED - BM	REVISED -		ILLINOIS FED. AID PROJECT M-4003(285)								
		DATE - 03/24/2014	REVISED -										

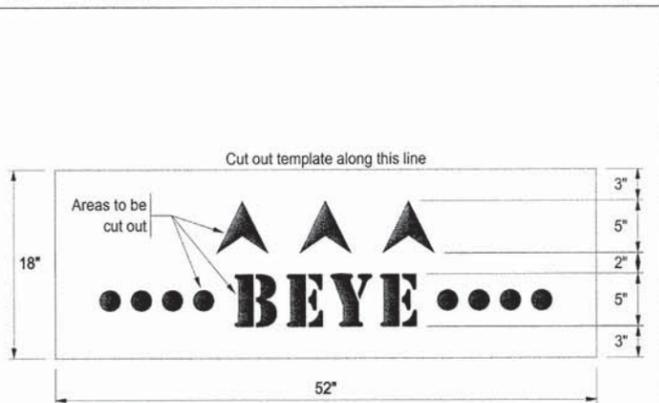
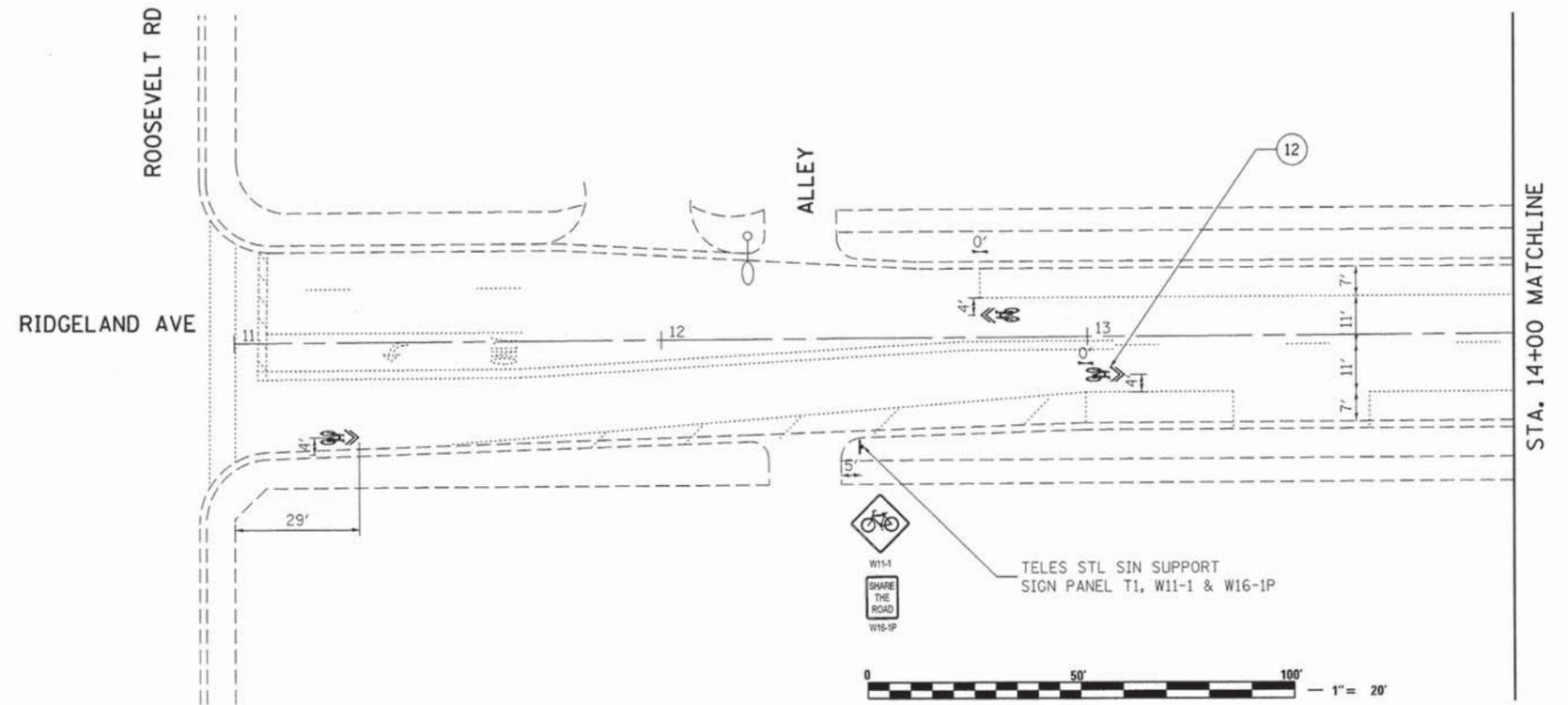
PAVEMENT MARKING AND SIGNAGE NOTES

- FOR PAVEMENT MARKING DETAILS, SEE DETAIL SHEET FOR "DISTRICT ONE TYPICAL PAVEMENT MARKINGS."
- FOR DETAILS AND SYMBOLS OF RAISED REFLECTOR PAVEMENT MARKERS, SEE DETAIL FOR "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-LOW RESISTANT)."
- ALL PREFORMED THERMOPLASTIC PAVEMENT MARKINGS TO BE USED FOR BICYCLE OR PEDESTRIAN FACILITIES SHALL BE 90 MILS THICK; HAVE A MINIMUM SKID RESISTANCE OF 60 BPN ACCORDING TO ASTM E303; HAVE AN AVERAGE MINIMUM RETROREFLECTIVITY OF 250 mcd/lx/sq m; CONFORM TO CURRENT MUTCD; AND MEET OR EXCEED IDOT SECTION 780.
- PREFORMED SHARED LANE PAVEMENT MARKING SYMBOL SHALL BE 11.6 SQ FT
- PROPOSED SIGN PANEL LAYOUTS SHALL CONFORM TO THE CURRENT MUTCD; RETROREFLECTIVITY SHALL MEET OR EXCEED ASTM D4956-13 FOR PRISMATIC SHEETING TYPE III, IV, AND X; AND THE FOLLOWING SIZES IN INCHES R4-11 30x30, W11-1 24x24, AND W16-1P 18x24.
- SIGN PANELS W11-1 AND W16-1P SHALL BE FLUORESCENT YELLOW GREEN.

BIKE SHARED LANE SYMBOL INSTALLATION PLACEMENT NOTES

BIKE SHARED LANE SYMBOLS SHALL BE INSTALLED AT THE FOLLOWING DIMENSIONS UNLESS OTHERWISE INDICATED:

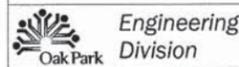
- CENTERED AT 4 FEET FROM FACE OF CURB AT LOCATIONS WITH NO PARKING
- CENTERED AT 4 FEET FROM THE EDGE OF THE PARKING LANE PAVEMENT MARKING
- CENTERED AT 11 FEET FROM FACE OF CURB WHERE PARKING IS ALLOWED BUT IS NOT MARKED WITH PAVEMENT MARKINGS



All stencil templates are 18" x 52" in size
Enlarging the PDF file drawings by a factor of six (6x)
should result in full size templates of 18" x 52" in size

The stencils shall be made from 1/8" thick polyvinyl material.
Standard YELLOW paint, as used for pavement markings, shall be used
to apply the stencils onto the surface of the concrete sidewalk.

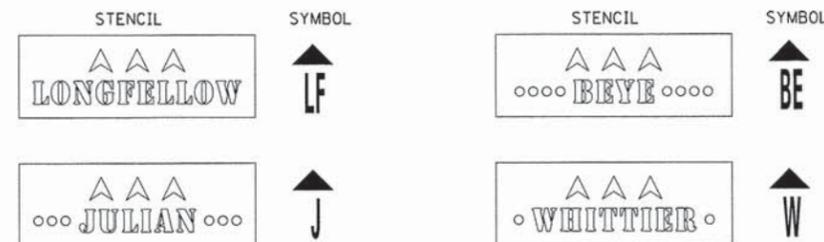
The number of circles used in the templates vary from zero for
Longfellow School to four for Beye School. Because the length
of each school name varies, these circles are used as filler.
Using the circles ensures that all of the school stencils as painted
on the sidewalk are approximately 46 inches wide regardless of
the length of the school name.



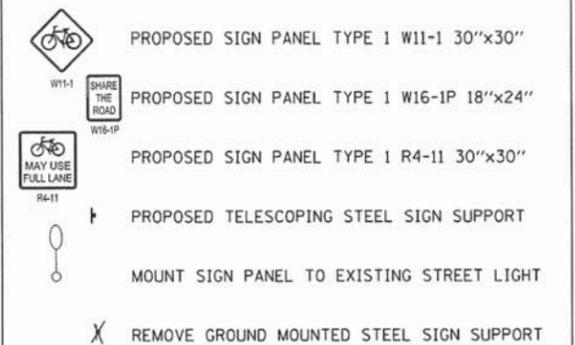
Scale: 1" = Ft.
By: MJK Date: 10/16/08

TYPICAL STENCIL DESIGN FOR
SCHOOL NAMES TO BE STENCILED
ONTO SIDEWALK ALONG SAFE
WALKING ROUTES TO SCHOOL

PAINT PAVEMENT MARKING SPECIAL (SAFE ROUTE TO SCHOOL) LEGEND

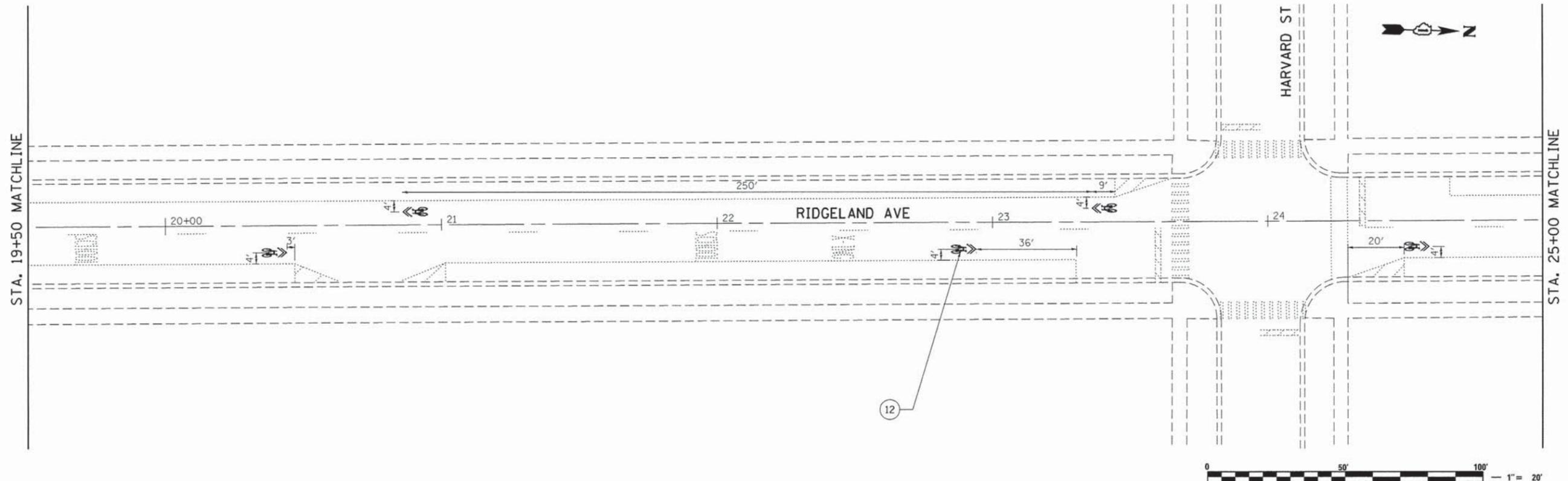
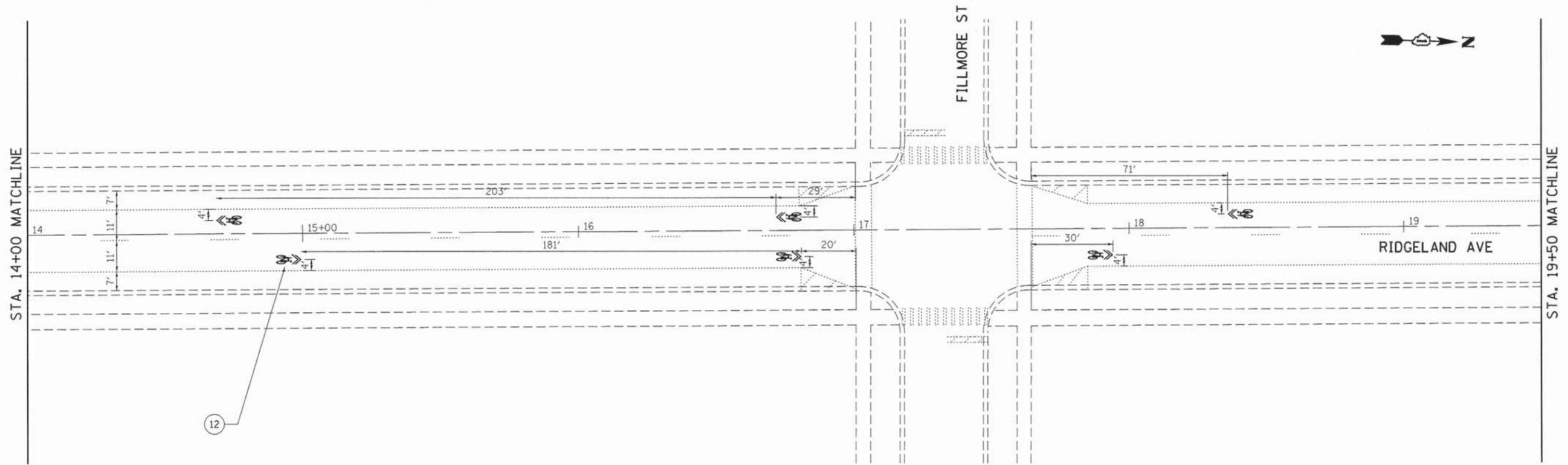


SIGN PANEL LEGEND



PAVEMENT MARKING LEGEND

- | | |
|---|--|
| ① 4" THERMOPLASTIC WHITE SOLID LINE | ⑧ 12" THERMOPLASTIC YELLOW SOLID LINE AT 45° SPACED 11' C-C |
| ② 6" THERMOPLASTIC WHITE SKIP DASH (2' DASH, 6' SKIP) | ⑨ 12" THERMOPLASTIC WHITE SCHOOL CROSSWALK LINES |
| ③ 4" THERMOPLASTIC WHITE SKIP DASH (10' DASH, 30' SKIP) | ⑩ 24" THERMOPLASTIC WHITE SOLID LINES |
| ④ 4" THERMOPLASTIC YELLOW SKIP DASH LINE (10' DASH, 30' SKIP) | ⑪ THERMOPLASTIC LETTERS & SYMBOLS, WHITE LARGE SIZE |
| ⑤ 2-4" THERMOPLASTIC YELLOW SOLID LINES @ 11" C-C | ⑫ PREFORMED THERMOPLASTIC LETTERS & SYMBOLS WHITE SHARED LANE MARKING |
| ⑥ 6" THERMOPLASTIC WHITE SOLID LINE | ⑬ PREFORMED PLASTIC LETTERS & SYMBOLS TYPE C WHITE SHARED LANE MARKING |
| ⑦ 12" THERMOPLASTIC WHITE SOLID LINE AT 45° SPACED 11' C-C | ⑭ PAINT PAVEMENT MARKING SPECIAL (SAFE ROUTE TO SCHOOL) SEE DETAIL |
| | ⑮ 4" THERMOPLASTIC YELLOW SOLID LINE |
| | ⑯ 12" THERMOPLASTIC WHITE SOLID LINE AT 45° SPACED 5' C-C |



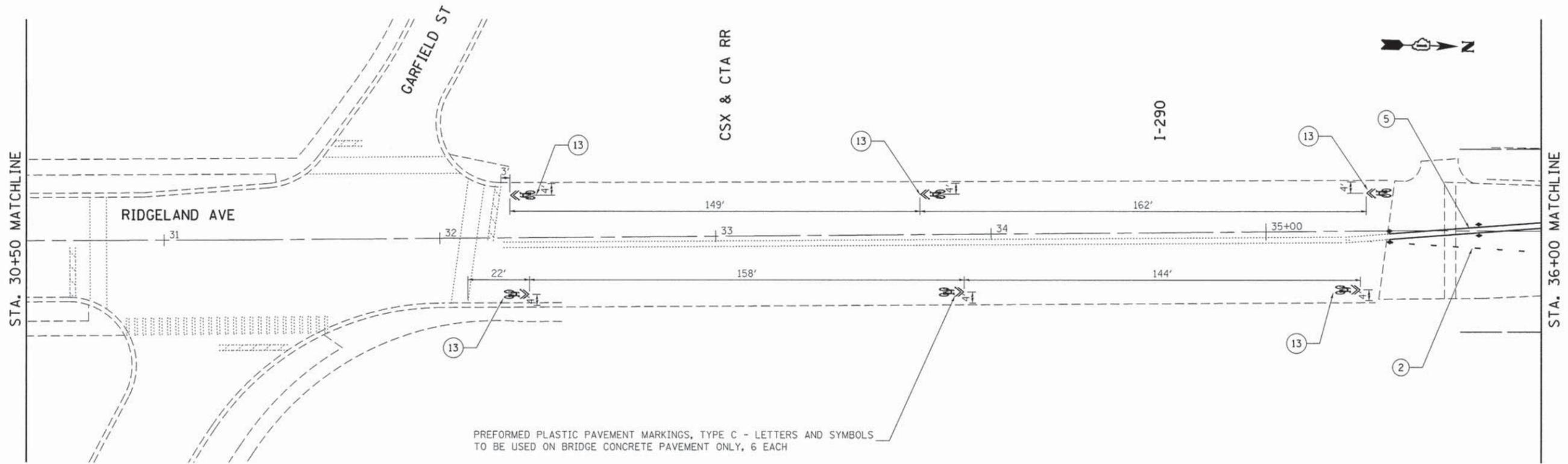
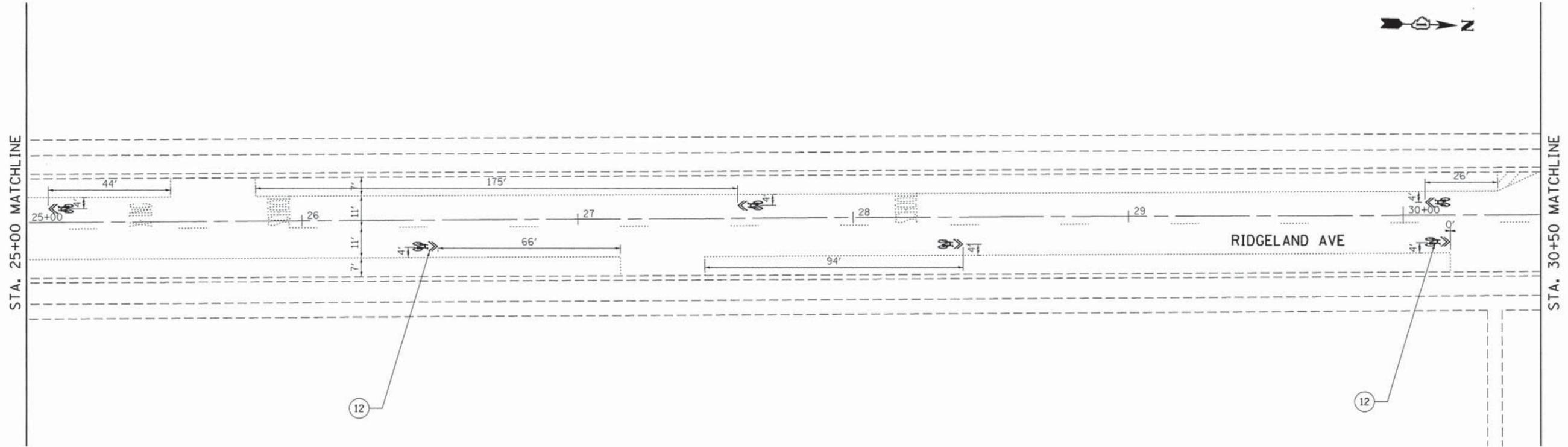
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 USER NAME = bkutz
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 3/24/2014

DESIGNED - BM	REVISÉD -
DRAWN - BM	REVISÉD -
CHECKED - BDK	REVISÉD -
DATE - 03/24/2014	REVISÉD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE
 PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN**
 SCALE: 1"=20' SHEET 26 OF 62 SHEETS STA. 14+00 TO STA. 25+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	26
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	



PERFORMED PLASTIC PAVEMENT MARKINGS, TYPE C - LETTERS AND SYMBOLS TO BE USED ON BRIDGE CONCRETE PAVEMENT ONLY, 6 EACH



FILE NAME = 27_Pavement Marking.dgn
Default

USER NAME = bkutz
PLOT SCALE = 20.0000' / 1in.
PLOT DATE = 3/24/2014

DESIGNED - BM
DRAWN - BM
CHECKED - BDK
DATE - 03/24/2014

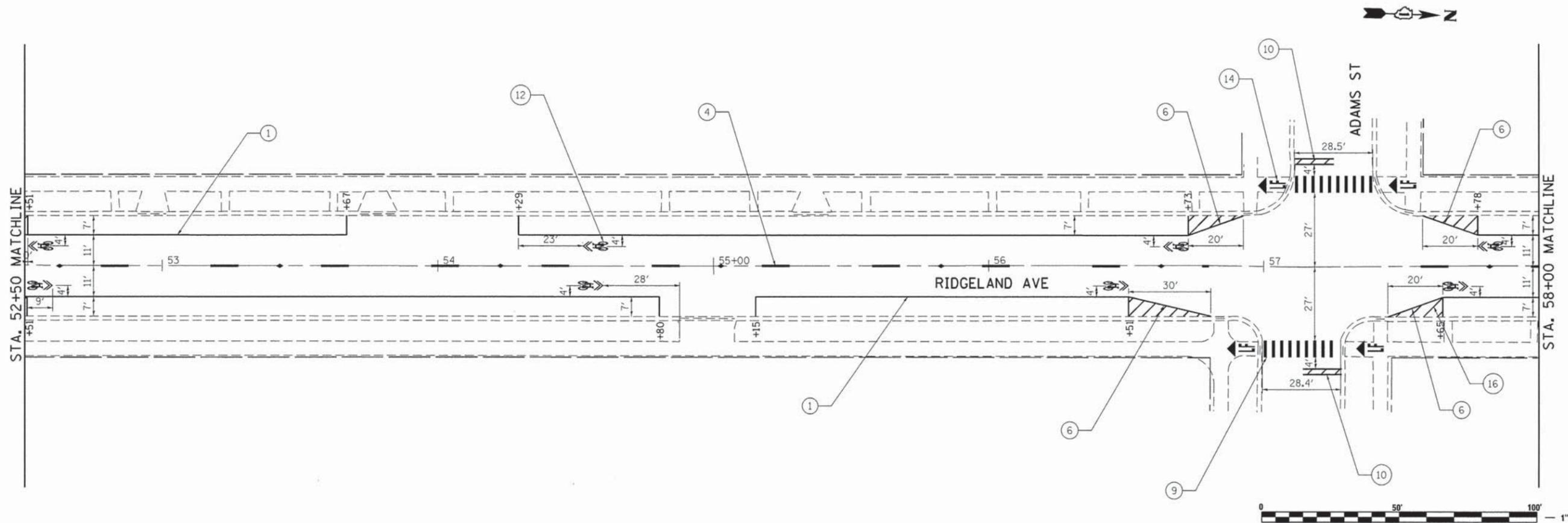
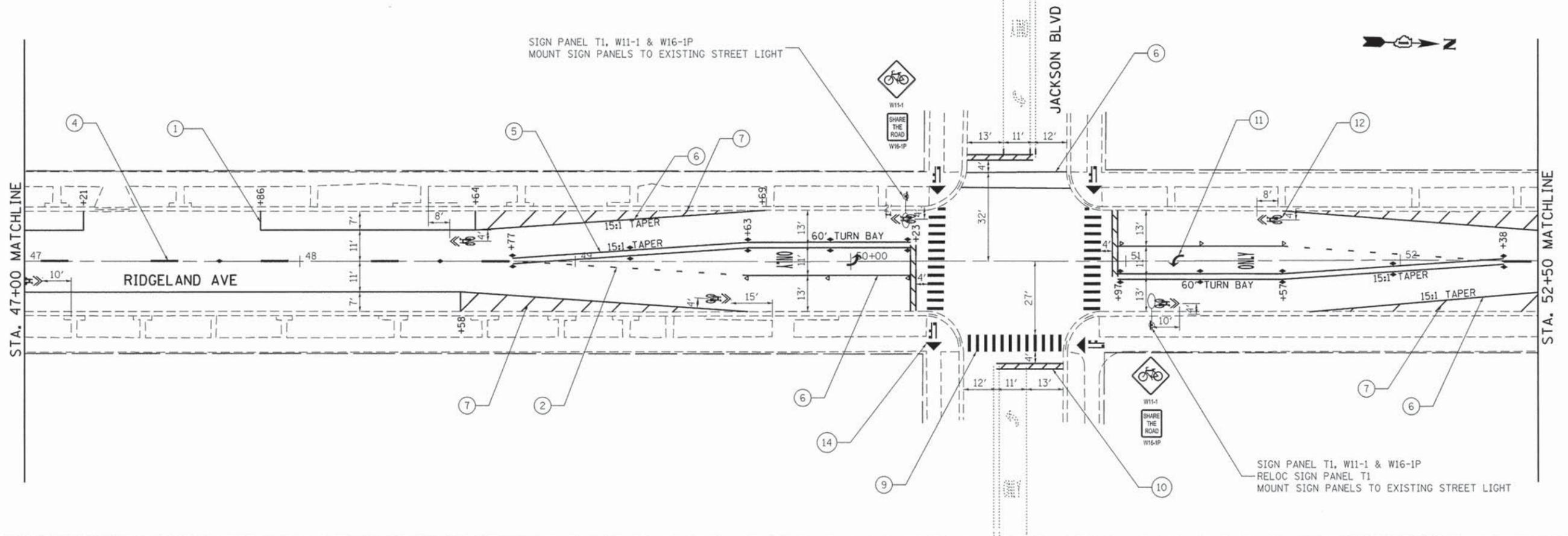
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE
PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN**

SCALE: 1"=20' SHEET 27 OF 62 SHEETS STA. 25+00 TO STA. 36+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	27
				CONTRACT NO. 61A52
ILLINOIS FED. AID PROJECT M-4003(285)				



FILE NAME = 29_Pavement Marking.dgn
 Default

USER NAME = bkutz
 PLOT SCALE = 20.0000 ' / in.
 PLOT DATE = 3/24/2014

DESIGNED - BM
 DRAWN - BM
 CHECKED - BDK
 DATE - 03/24/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

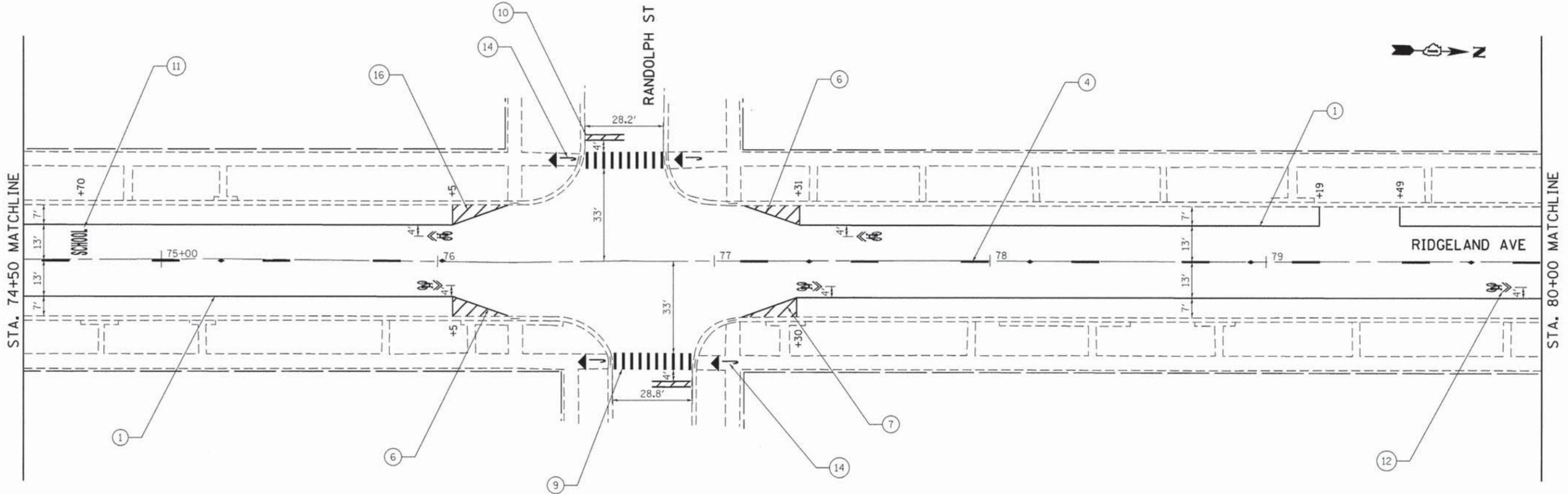
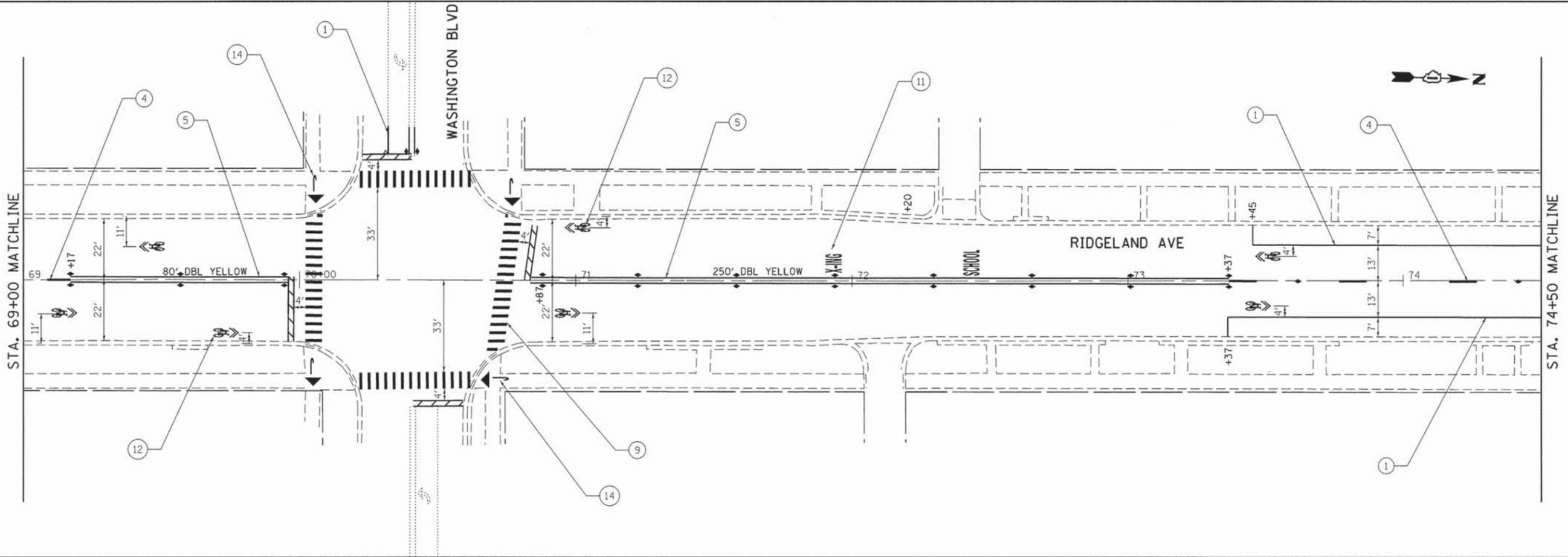
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE
 PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN**

SCALE: 1"=20' SHEET 29 OF 62 SHEETS STA. 47+00 TO STA. 58+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	29
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	

13-00260-00-RS



FILE NAME = 31_Pavement Marking.dgn
 USER NAME = bkutz
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 3/24/2014

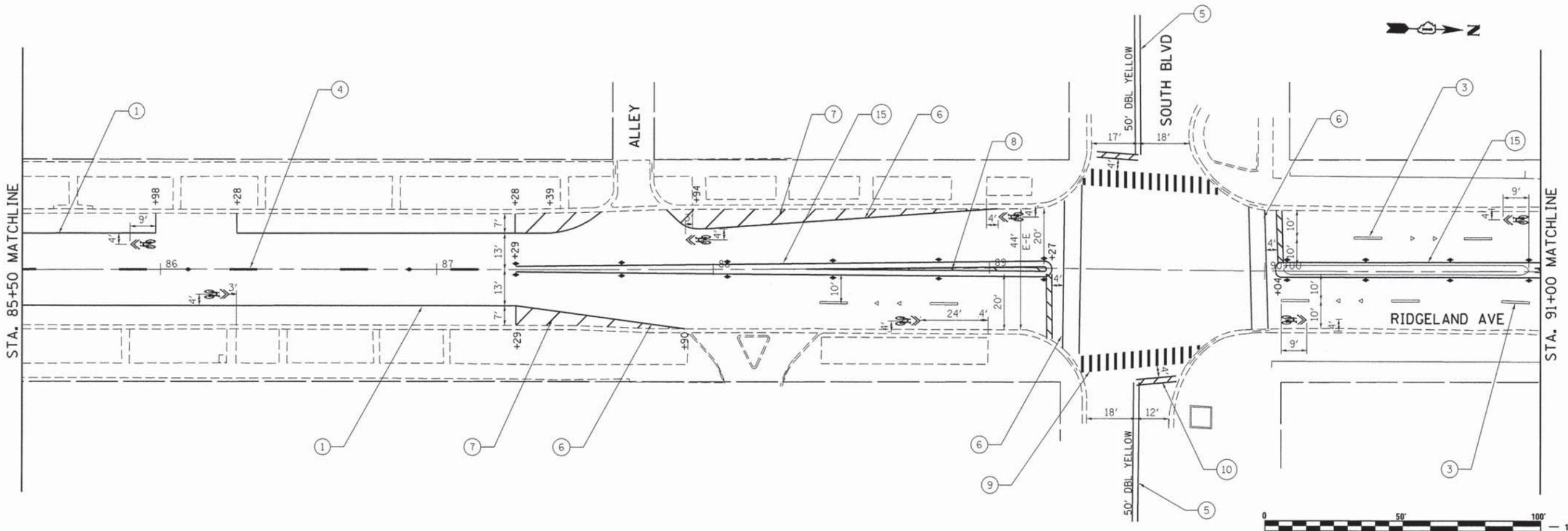
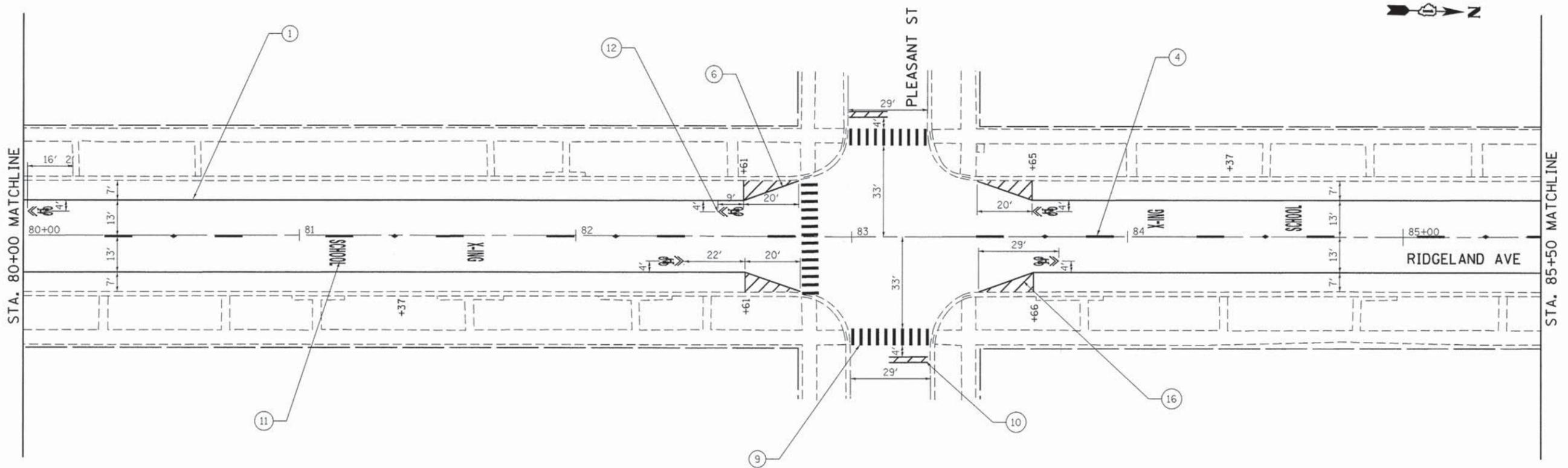
DESIGNED - BM
 DRAWN - BM
 CHECKED - BDK
 DATE - 03/24/2014

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 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE
 PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN**
 SCALE: 1"=20' SHEET 31 OF 62 SHEETS STA. 69+00 TO STA. 80+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	31
				CONTRACT NO. 61A52
ILLINOIS FED. AID PROJECT M-4003(285)				



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 USER NAME = bkutz
 PLOT SCALE = 20.0000' / 1" = 20'
 PLOT DATE = 3/24/2014

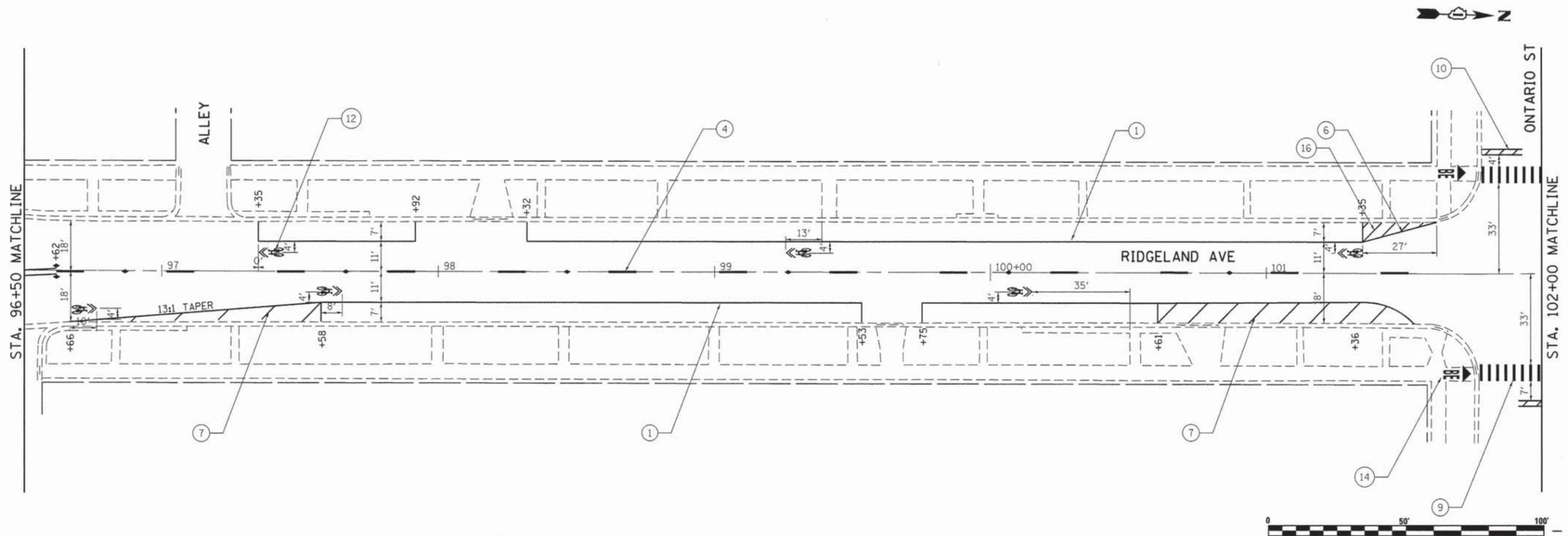
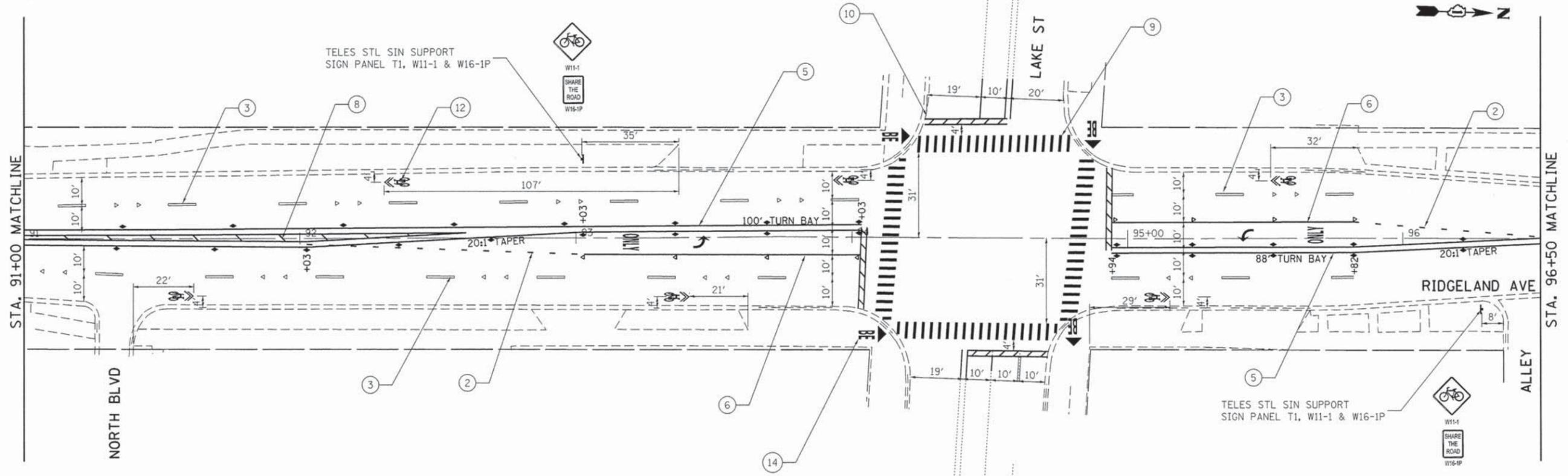
DESIGNED - BM
 DRAWN - BM
 CHECKED - BDK
 DATE - 03/24/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RIDGELAND AVENUE
 PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN
 SCALE: 1"=20' SHEET 32 OF 62 SHEETS STA. 80+00 TO STA. 91+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	32
			CONTRACT NO. 61A52	
ILLINOIS FED. AID PROJECT M-4003(285)				



FILE NAME = 33_Pavement Marking.dgn
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 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 3/24/2014

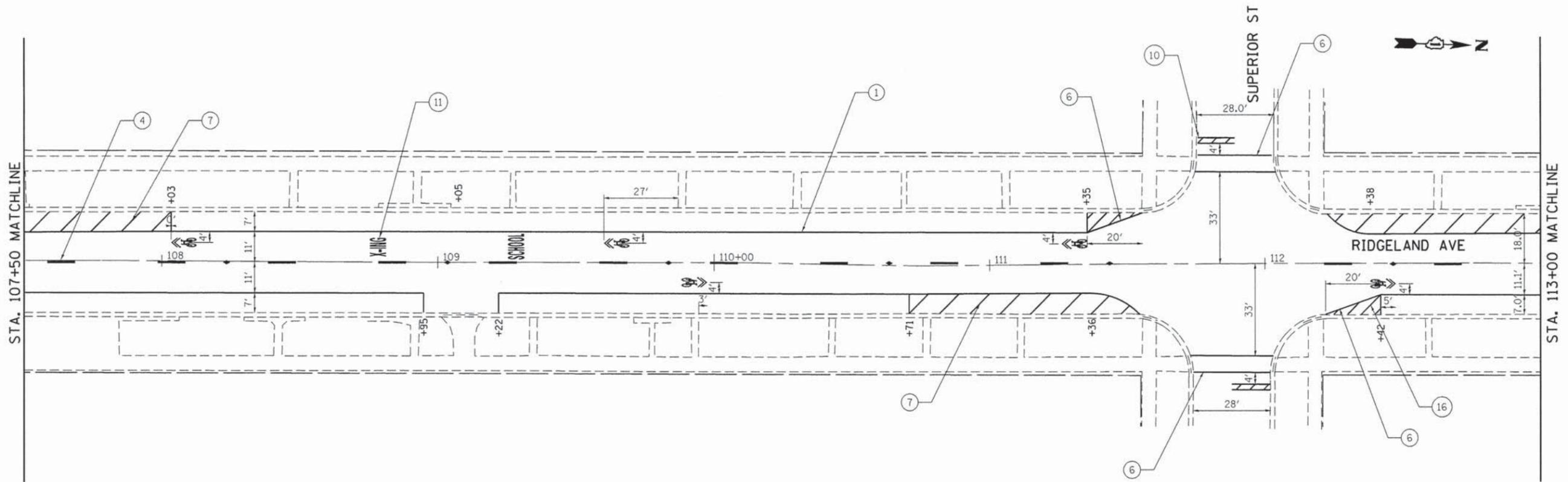
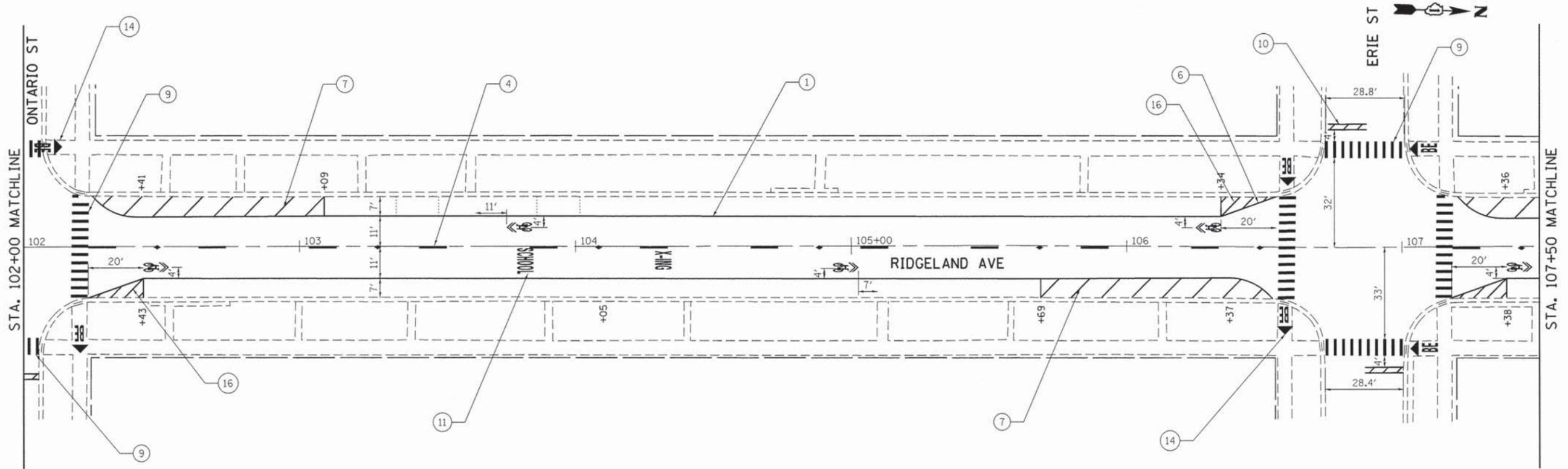
DESIGNED - BM
 DRAWN - BM
 CHECKED - BDK
 DATE - 03/24/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE
 PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN**
 SCALE: 1"=20' SHEET 33 OF 62 SHEETS STA. 91+00 TO STA. 102+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	33
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	



FILE NAME = 34_Pavement Marking.dgn
 USER NAME = bkutz
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 3/24/2014

DESIGNED - BM
 DRAWN - BM
 CHECKED - BDK
 DATE - 03/24/2014

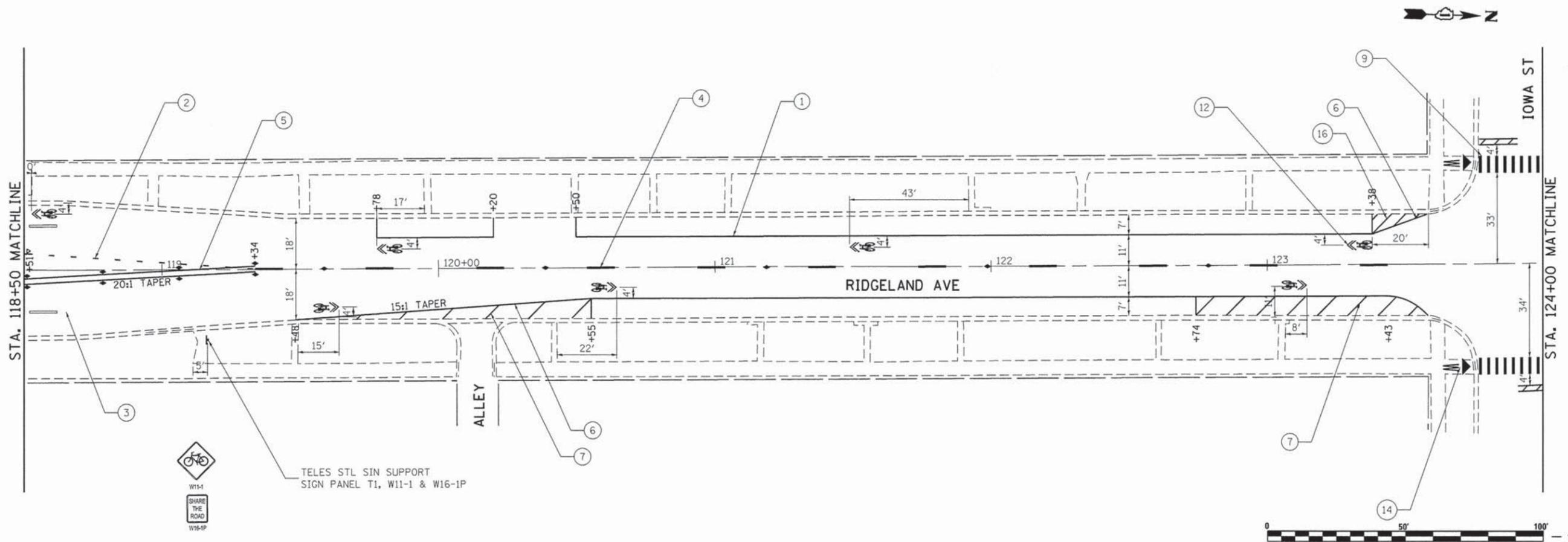
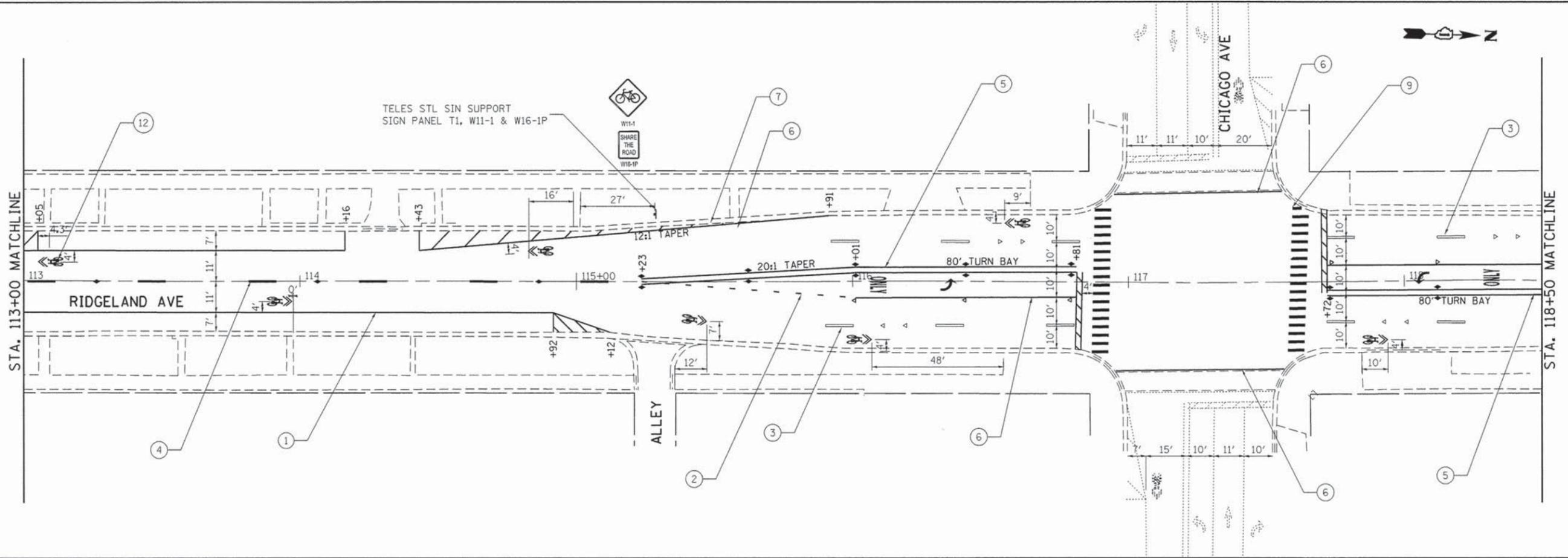
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE
 PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN**
 SCALE: 1"=20' SHEET 34 OF 62 SHEETS STA. 102+00 TO STA. 113+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	34
			CONTRACT NO. 61A52	
ILLINOIS FED. AID PROJECT M-4003(285)				

13-00260-00-R5



FILE NAME = 35_Pavement Marking.dgn
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USER NAME = bkutz
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 3/24/2014

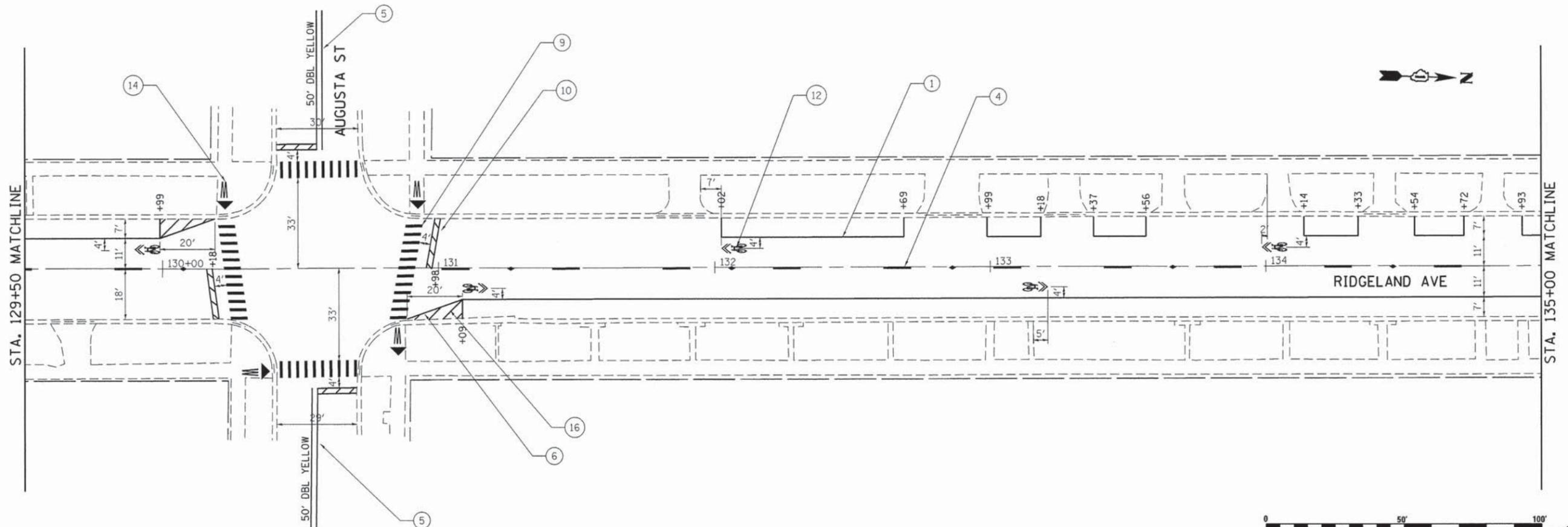
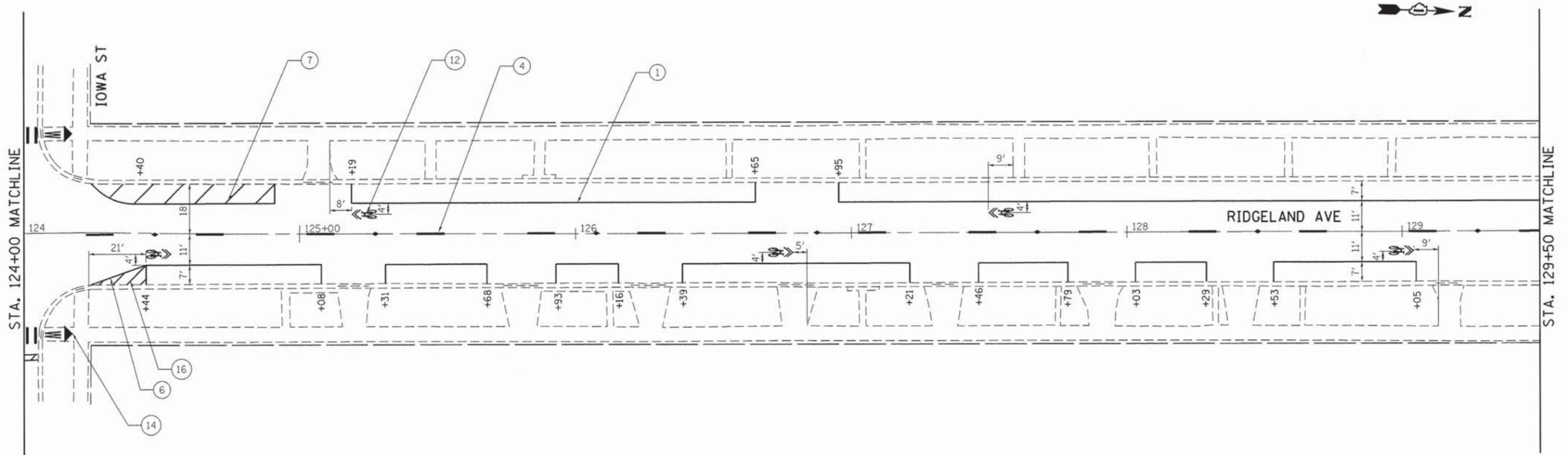
DESIGNED - BM
 DRAWN - BM
 CHECKED - BDK
 DATE - 03/24/2014

REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE
 PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN**
 SCALE: 1"=20' SHEET 35 OF 62 SHEETS STA. 113+00 TO STA. 124+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	35
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	



FILE NAME = 36_Pavement Marking.dgn
 USER NAME = bkutz
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 3/24/2014

DESIGNED - BM
 DRAWN - BM
 CHECKED - BDK
 DATE - 03/24/2014

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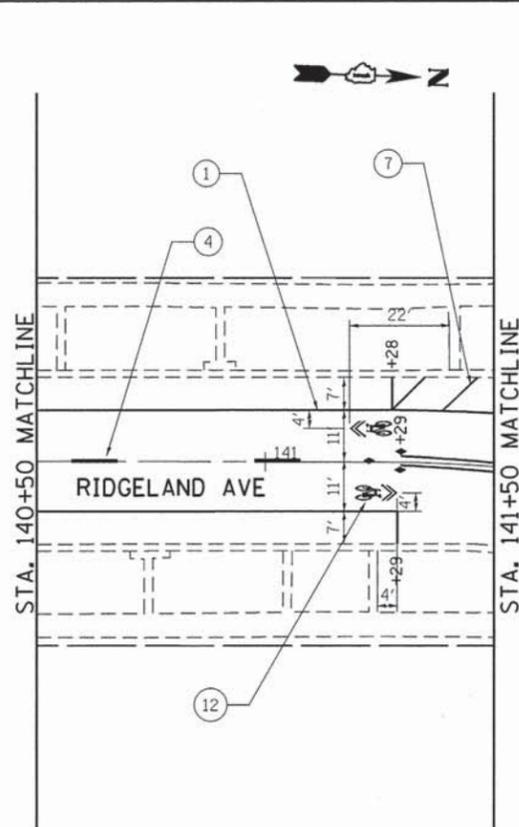
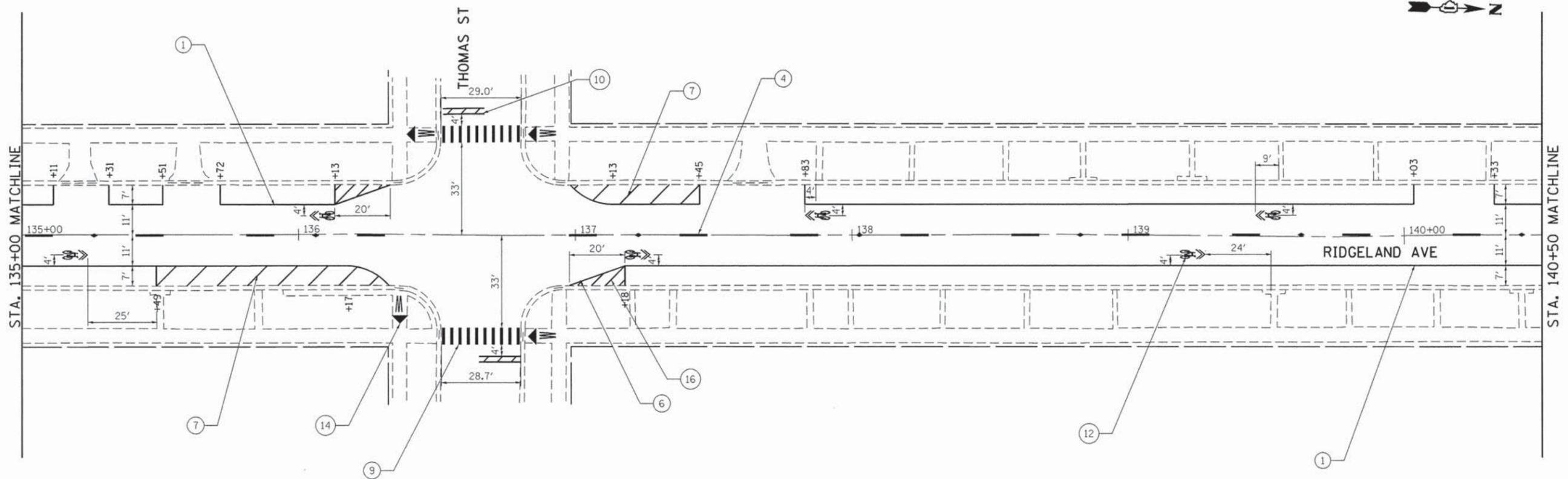
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE
 PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN**

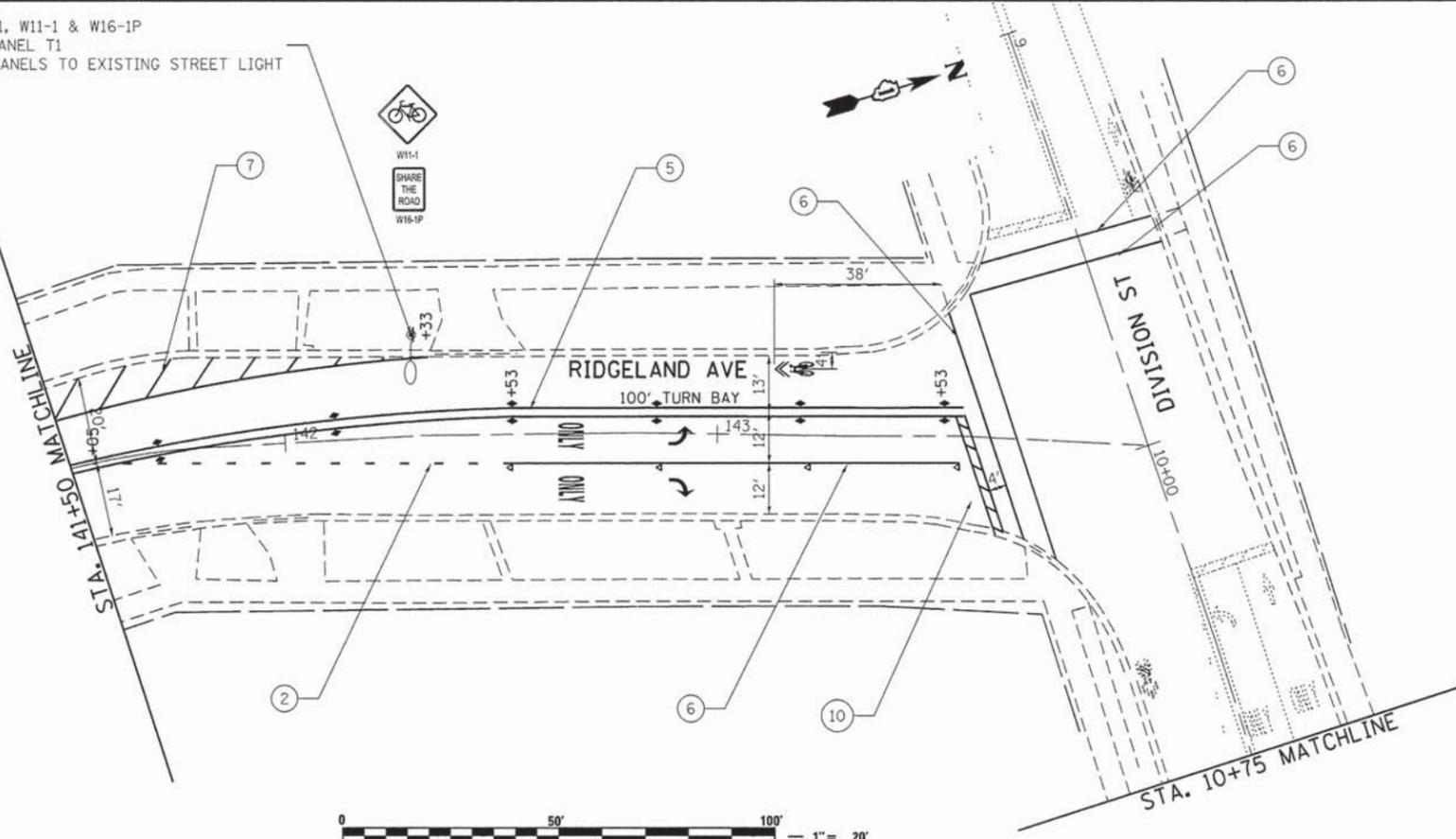
SCALE: 1"=20' SHEET 36 OF 62 SHEETS STA. 124+00 TO STA. 135+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	36
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	

13-00260-00-RS



SIGN PANEL T1, W11-1 & W16-1P
 RELOC SIGN PANEL T1
 MOUNT SIGN PANELS TO EXISTING STREET LIGHT



FILE NAME = 37_Pavement Marking.dgn
 USER NAME = bkutz

DESIGNED - BM
 DRAWN - BM
 CHECKED - BDK
 DATE - 03/24/2014

REVISED -
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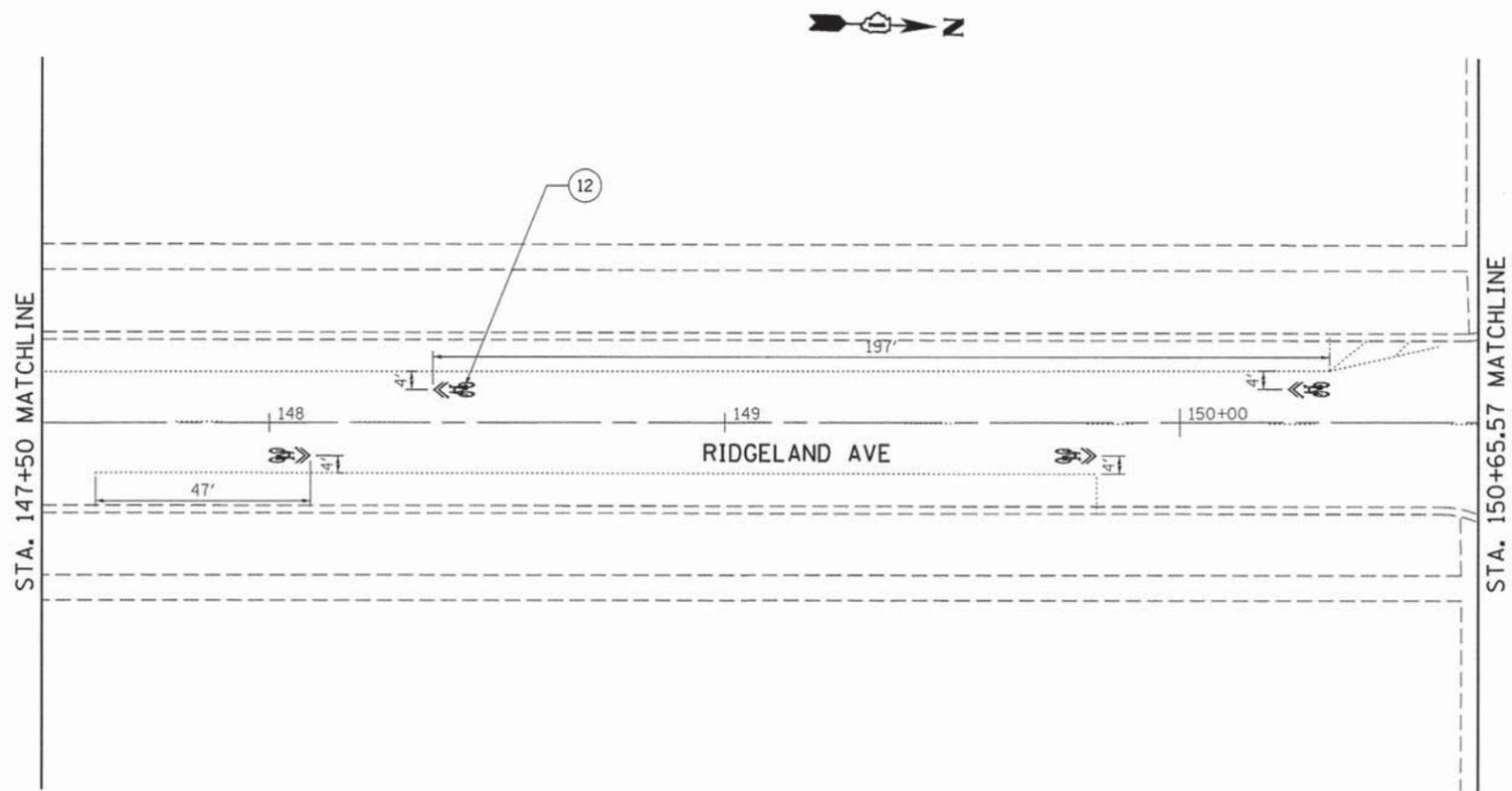
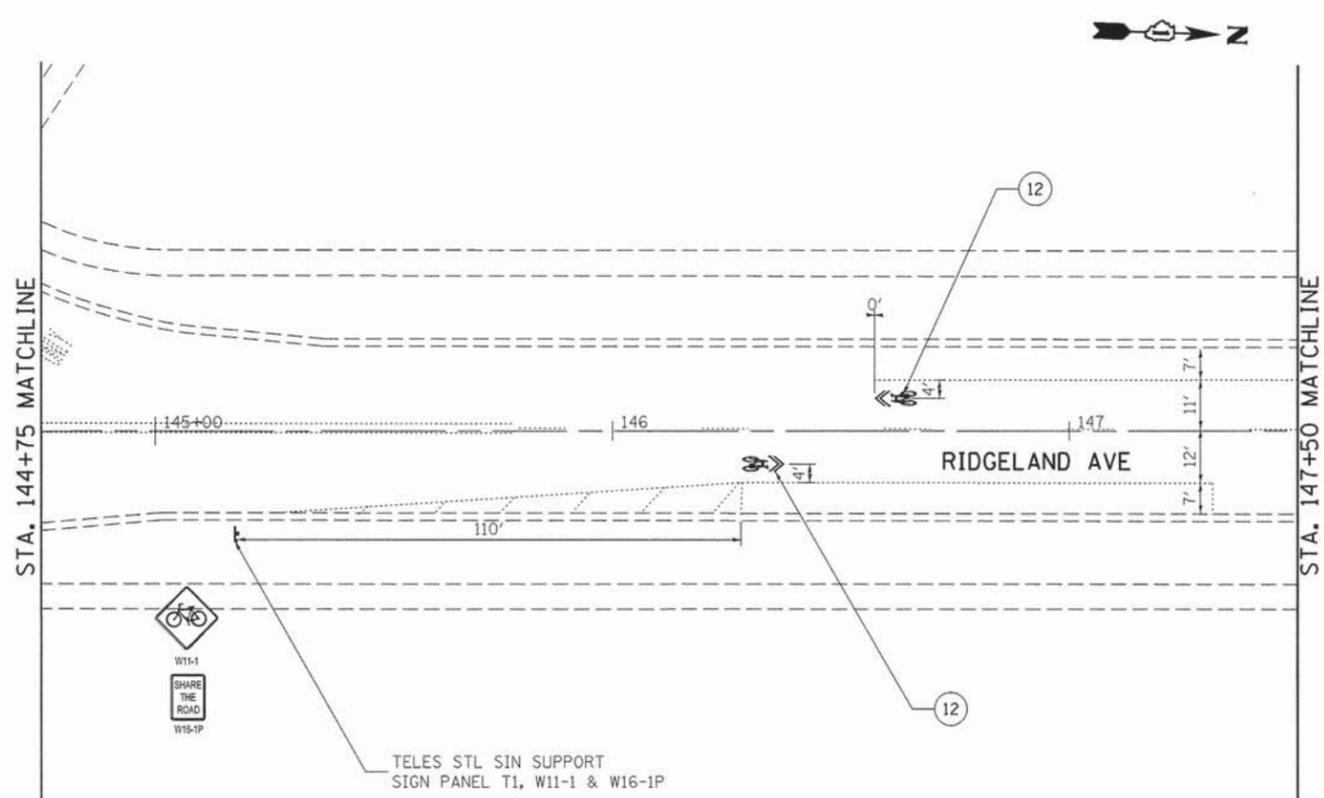
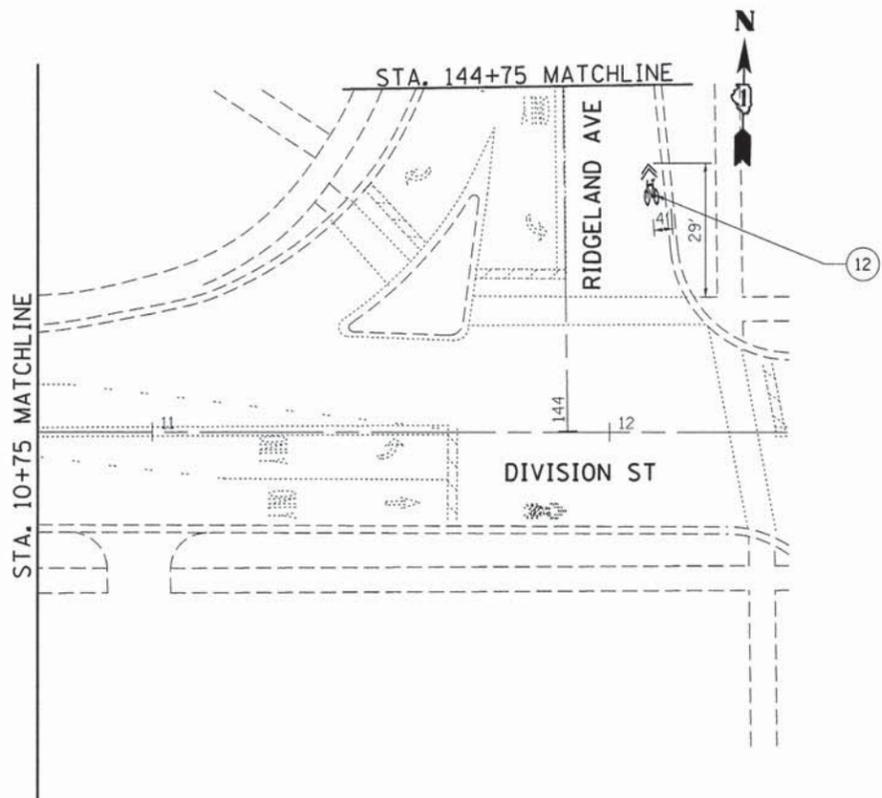
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RIDGELAND AVENUE
 PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1"=20' SHEET 37 OF 62 SHEETS STA. 135+00 TO STA. 10+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	37
				CONTRACT NO. 61A52

ILLINOIS FED. AID PROJECT M-4003(285)
 13-00260-00-RS



FILE NAME = 38_Pavement Marking.dgn
Default

USER NAME = bkutz
PLOT SCALE = 20.0000' / 1in.
PLOT DATE = 3/24/2014

DESIGNED - BM
DRAWN - BM
CHECKED - BDK
DATE - 03/24/2014

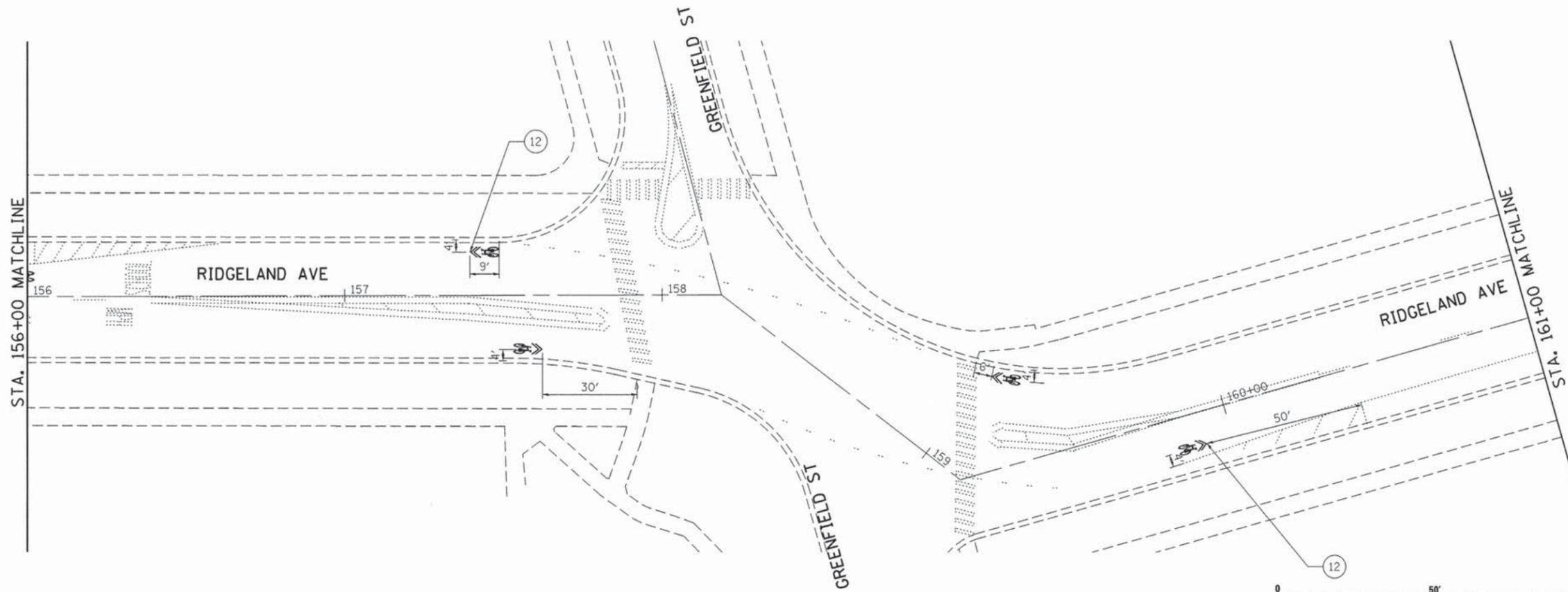
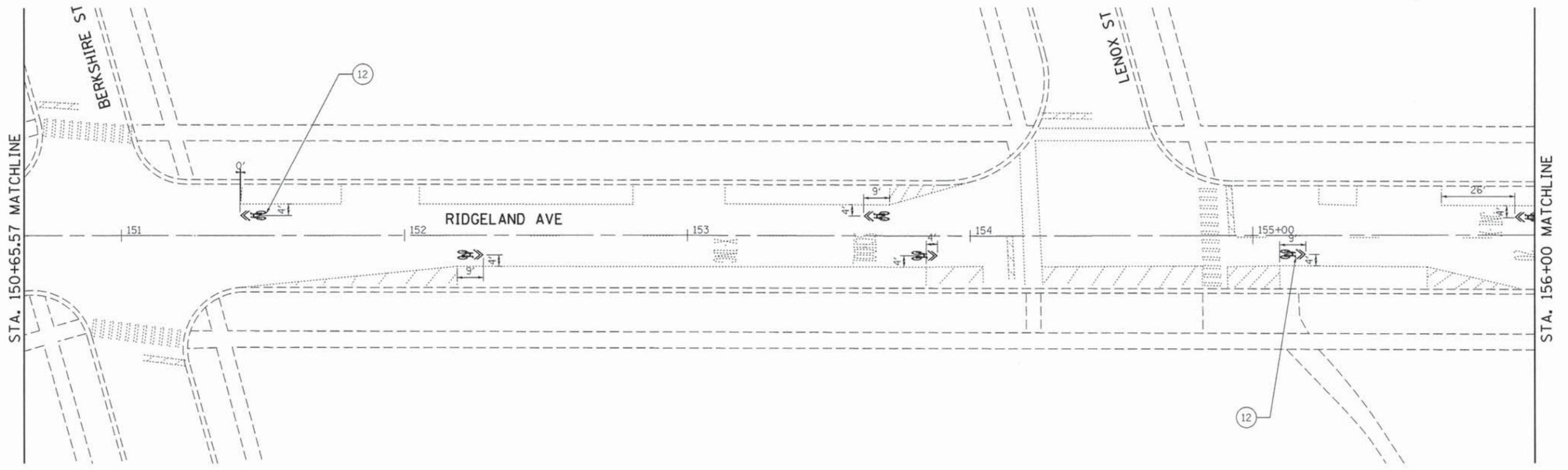
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REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE
PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN**

SCALE: 1"=20' SHEET 38 OF 62 SHEETS STA. 10+75 TO STA. 150+66

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	38
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	



FILE NAME = 39_Pavement Marking.dgn
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USER NAME = bkutz
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 3/24/2014

DESIGNED - BM
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 CHECKED - BDK
 DATE - 03/24/2014

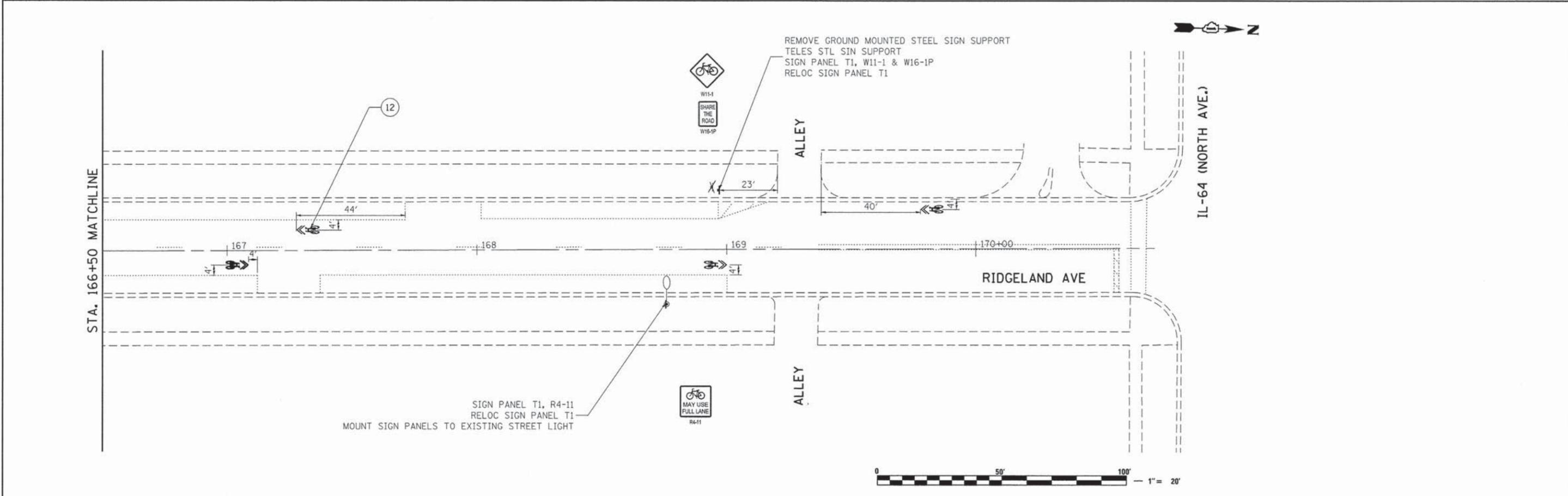
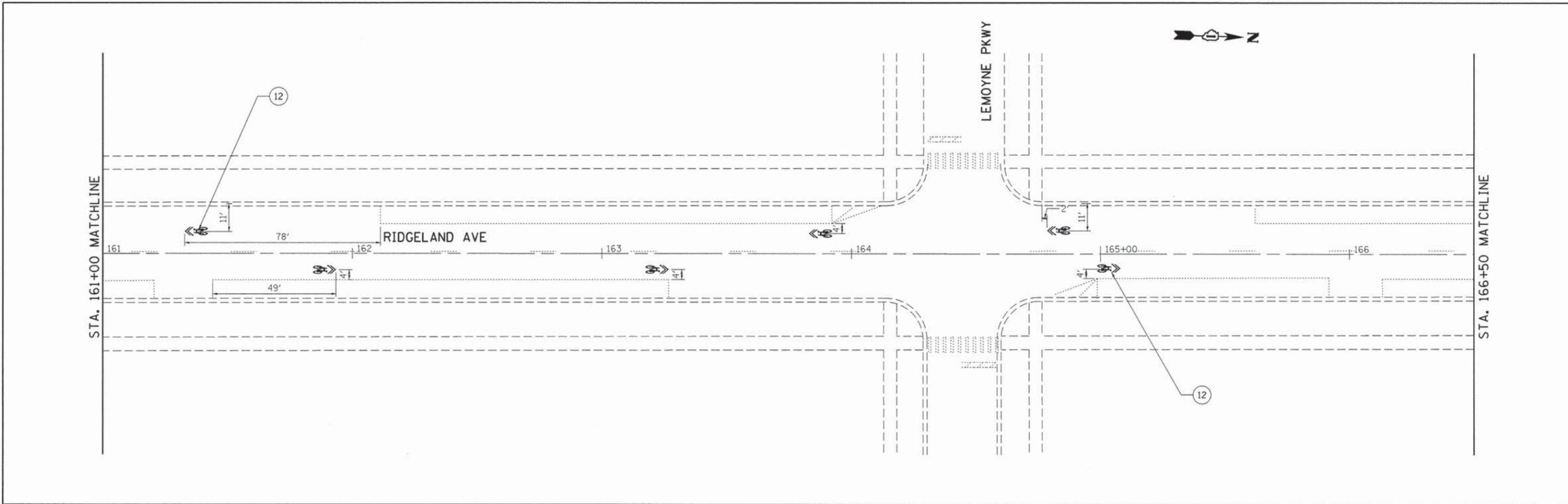
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

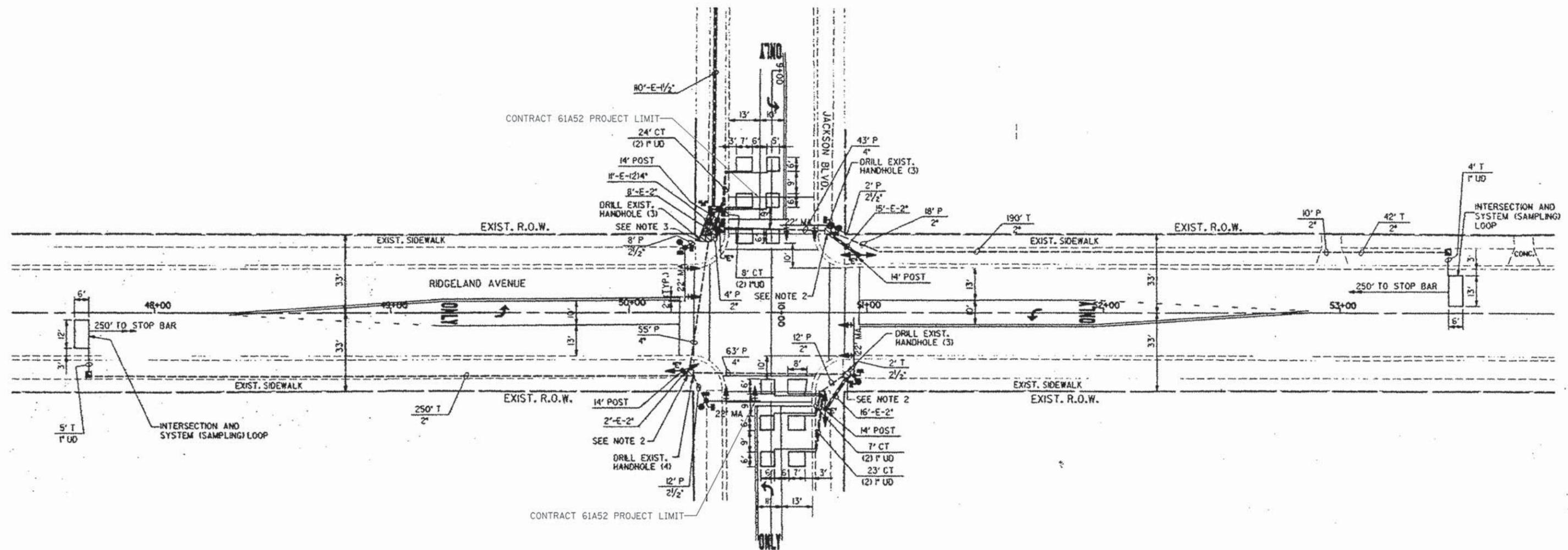
**RIDGELAND AVENUE
 PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN**

SCALE: 1"=20' SHEET 39 OF 62 SHEETS STA. 150+66 TO STA. 161+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	39
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	



FILE NAME = 48_Pavement Marking.dgn	USER NAME = bkutz	DESIGNED - BM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIDGELAND AVENUE PROPOSED PAVEMENT MARKING AND SIGNAGE PLAN			F.A.U. RTE. 2783	SECTION 13-00260-00-RS	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 40
Default	PLOT SCALE = 20.0000' / 1" =	CHECKED - BDK	REVISED -		SCALE: 1"=20'	SHEET 40	OF 62 SHEETS	STA. 161+00	TO STA. 171+00	CONTRACT NO. 61A52		
	PLOT DATE = 3/24/2014	DATE - 03/24/2014	REVISED -		ILLINOIS FED. AID PROJECT M-4003(285)							
13-00260-00-RS												



**RECORD DRAWING: FOR INFORMATIONAL PURPOSES ONLY IN
REGARDS TO REPLACEMENT OF DETECTOR LOOPS**

CODE NO.	ITEM	LOCATION	UNIT	TOTAL QUANTITY
88600600	DETECTOR LOOP REPLACEMENT	WITHIN PROJECT LIMITS	FOOT	293

FILE NAME = 43_Detector Loops.dgn
Default

USER NAME = bkutz
PLOT SCALE = 28,0000' / 1" =
PLOT DATE = 3/24/2014

DESIGNED - BDK
DRAWN - BDK
CHECKED - BM
DATE - 03/24/2014

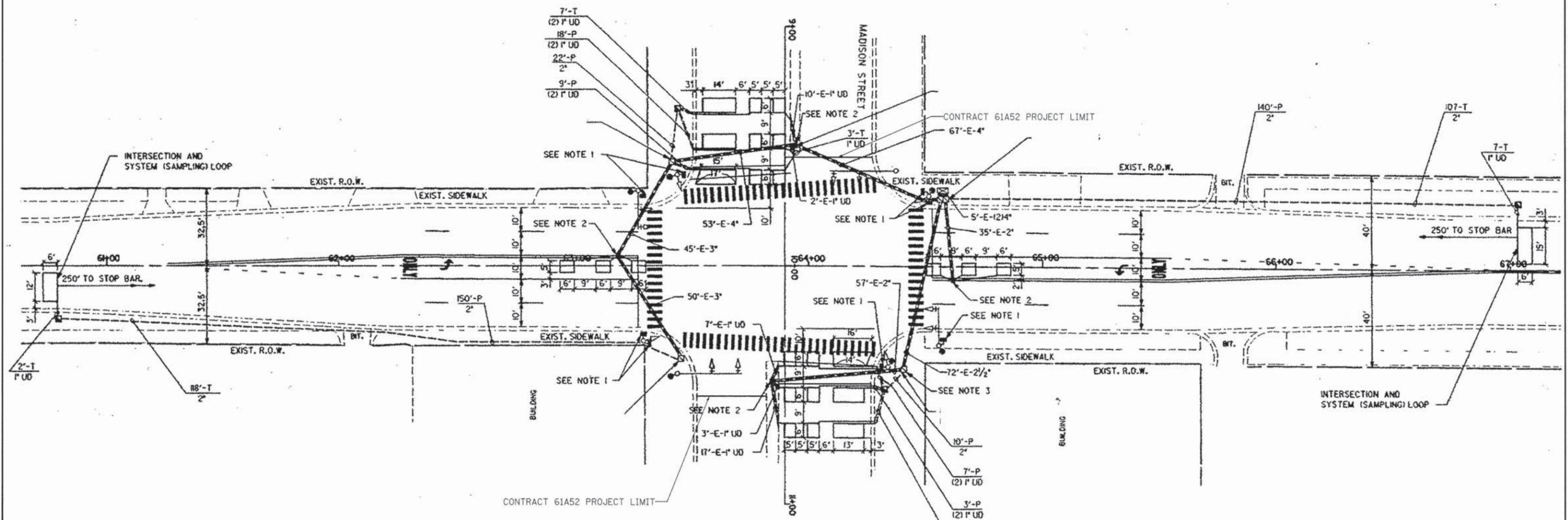
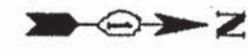
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE AT JACKSON BLVD.
DETECTOR LOOPS PLAN**

SCALE: NONE SHEET 43 OF 62 SHEETS STA. TO STA.

F.A.U. RTE. 2783	SECTION 13-00260-00-RS	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 43
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	



**RECORD DRAWING: FOR INFORMATIONAL PURPOSES ONLY IN
REGARDS TO REPLACEMENT OF DETECTOR LOOPS**

CODE NO.	ITEM	LOCATION	UNIT	TOTAL QUANTITY
88600600	DETECTOR LOOP REPLACEMENT	WITHIN PROJECT LIMITS	FOOT	507

FILE NAME = 44_Detector Loops.dgn
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USER NAME = bkutz
PLOT SCALE = 20.0000' / in.
PLOT DATE = 3/24/2014

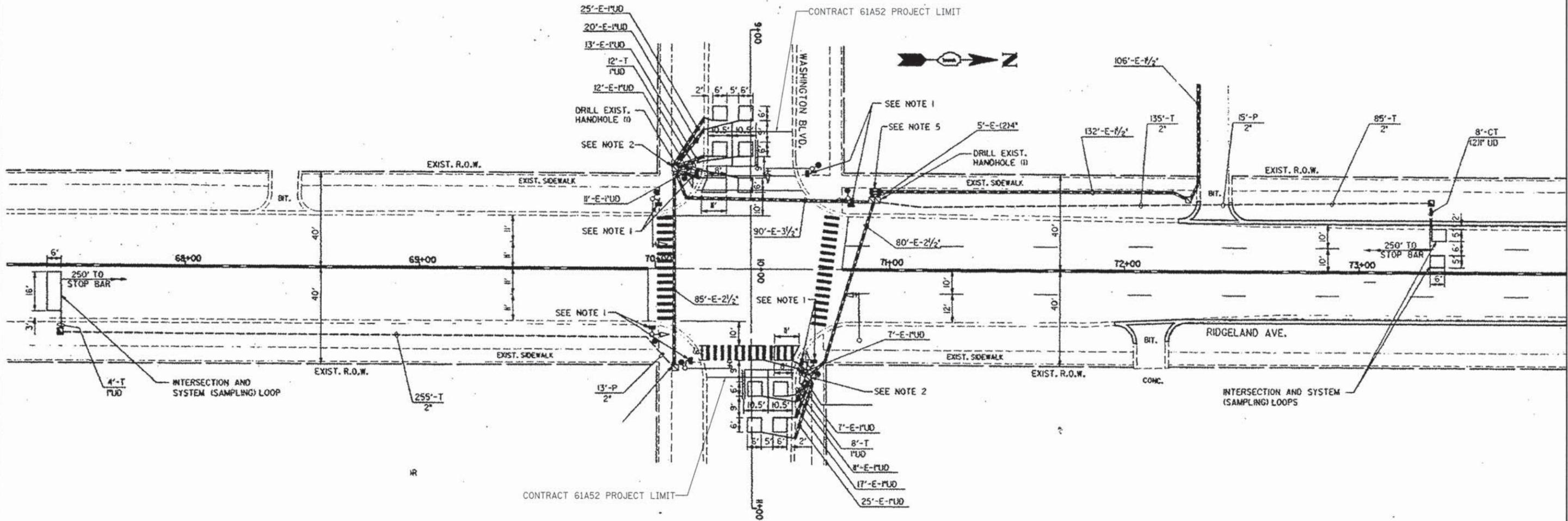
DESIGNED - BDK
DRAWN - BDK
CHECKED - BM
DATE - 03/24/2014

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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE AT MADISON ST.
DETECTOR LOOPS PLAN**
SCALE: NONE SHEET 44 OF 62 SHEETS STA. TO STA.

F.A.U. RTE. 2783	SECTION 13-00260-00-RS	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 44
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	



RECORD DRAWING: FOR INFORMATIONAL PURPOSES ONLY IN REGARDS TO REPLACEMENT OF DETECTOR LOOPS

CODE NO.	ITEM	LOCATION	UNIT	TOTAL QUANTITY
88600600	DETECTOR LOOP REPLACEMENT	WITHIN PROJECT LIMITS	FOOT	315

FILE NAME = 45_Detector Loops.dgn
 USER NAME = bkutz
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 3/24/2014

DESIGNED - BDK
 DRAWN - BDK
 CHECKED - BM
 DATE - 03/24/2014

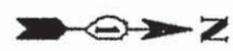
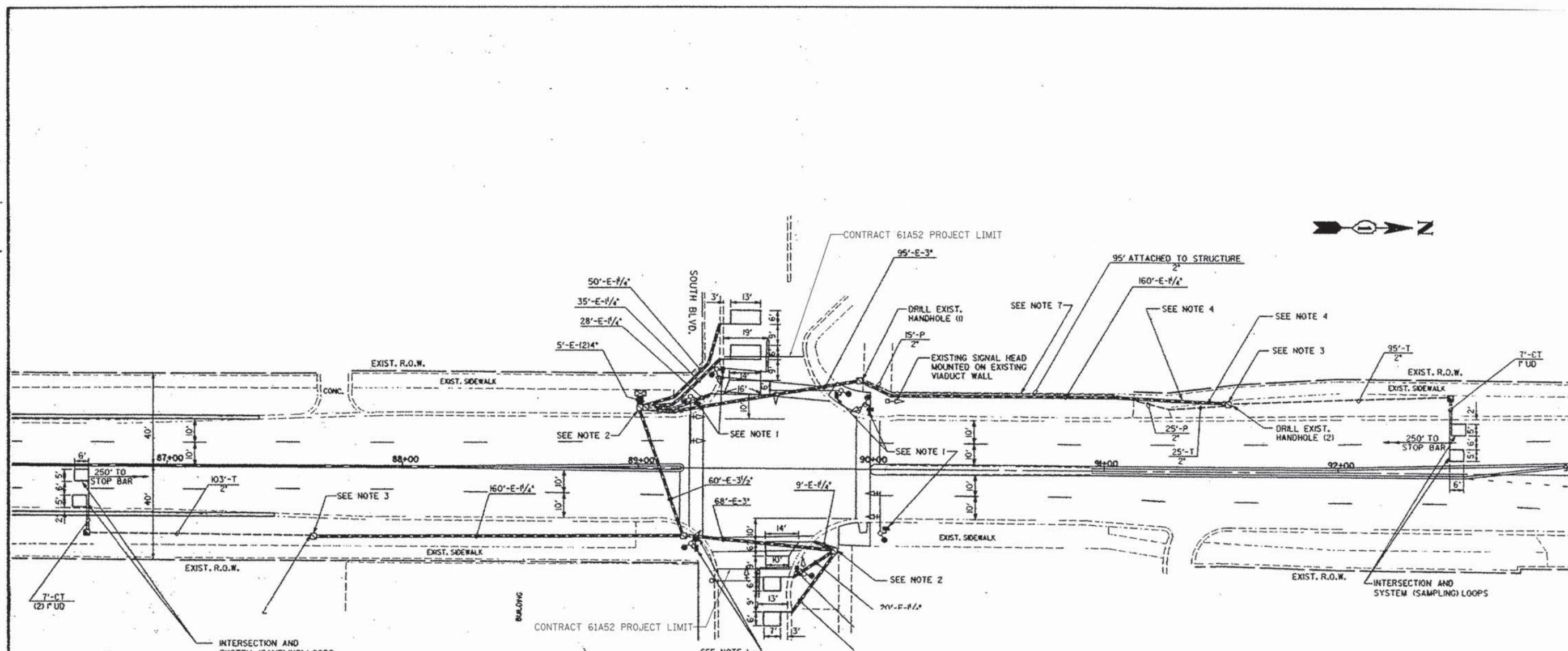
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE AT WASHINGTON BLVD.
 DETECTOR LOOPS PLAN**

SCALE: NONE SHEET 45 OF 62 SHEETS STA. TO STA.

F.A.U. RTE. 2783	SECTION 13-00260-00-RS	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 45
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	



RECORD DRAWING: FOR INFORMATIONAL PURPOSES ONLY IN REGARDS TO REPLACEMENT OF DETECTOR LOOPS

CODE NO.	ITEM	LOCATION	UNIT	TOTAL QUANTITY
88600600	DETECTOR LOOP REPLACEMENT	WITHIN PROJECT LIMITS	FOOT	329

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USER NAME = bkutz
PLOT SCALE = 20,0000 ' / 1"
PLOT DATE = 3/24/2014

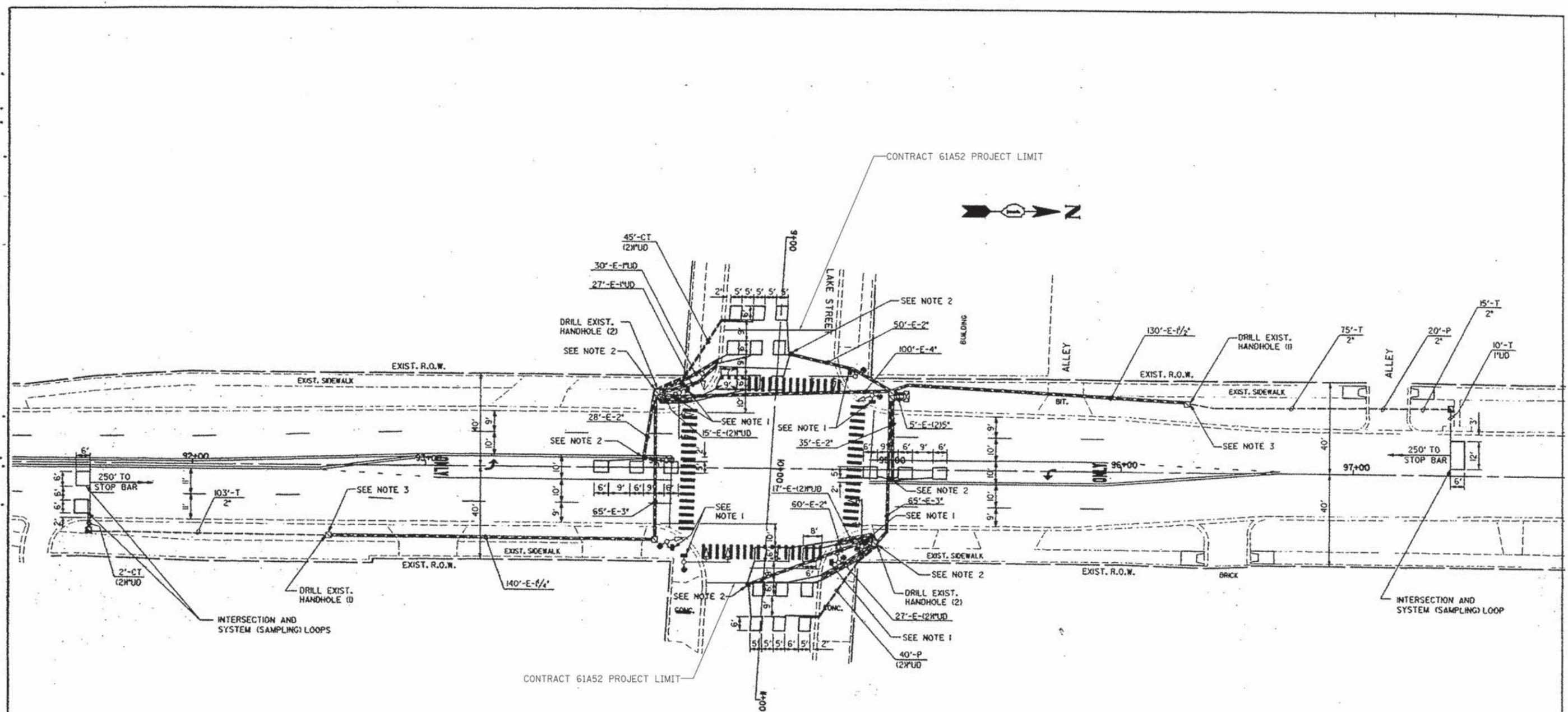
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DRAWN - BDK
CHECKED - BM
DATE - 03/24/2014

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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE AT SOUTH BLVD.
DETECTOR LOOPS PLAN**
SCALE: NONE SHEET 46 OF 62 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	46
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	



**RECORD DRAWING: FOR INFORMATIONAL PURPOSES ONLY IN
REGARDS TO REPLACEMENT OF DETECTOR LOOPS**

CODE NO.	ITEM	LOCATION	UNIT	TOTAL QUANTITY
88600600	DETECTOR LOOP REPLACEMENT	WITHIN PROJECT LIMITS	FOOT	724

FILE NAME = 47_Detector Loops.dgn
Default

USER NAME = bkutz
PLOT SCALE = 20.0000' / 1" = 1'
PLOT DATE = 3/24/2014

DESIGNED - BDK
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CHECKED - BM
DATE - 03/24/2014

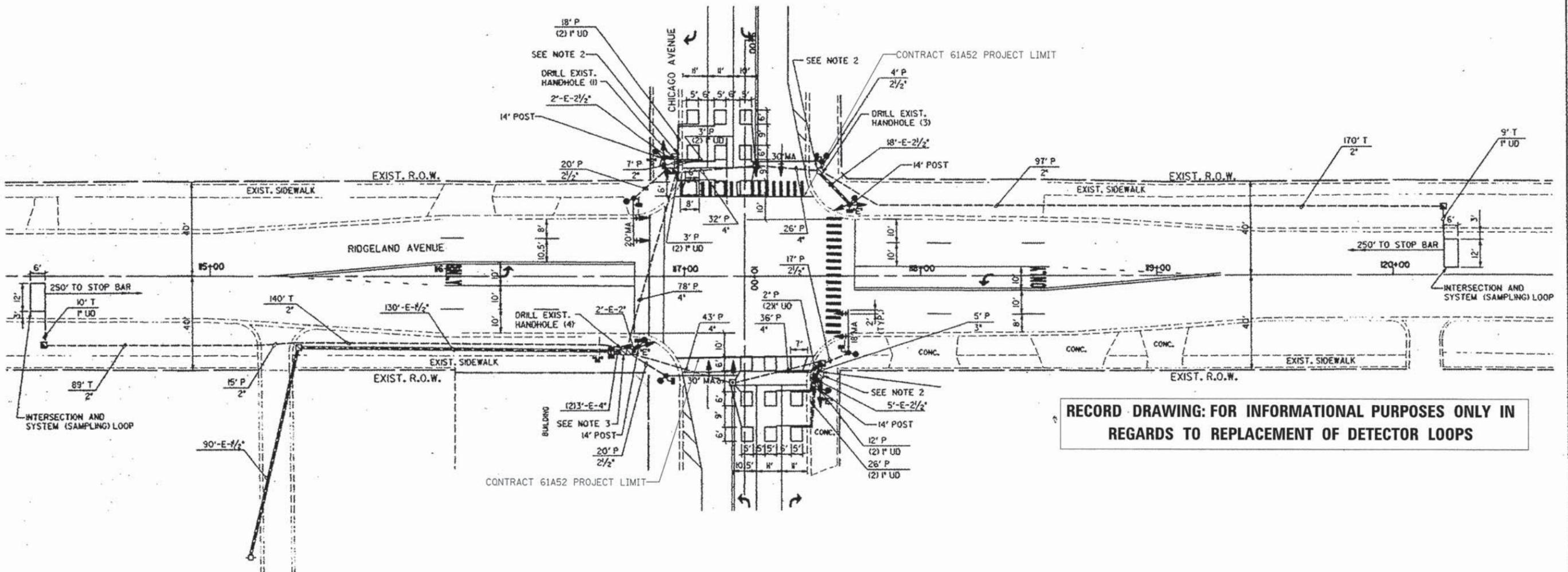
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE AT LAKE ST.
DETECTOR LOOPS PLAN**

SCALE: NONE SHEET 47 OF 62 SHEETS STA. TO STA.

F.A.U. RTE. 2783	SECTION 13-00260-00-RS	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 47
CONTRACT NO. 61A52			[ILLINOIS] FED. AID PROJECT M-4003(285)	



RECORD DRAWING: FOR INFORMATIONAL PURPOSES ONLY IN REGARDS TO REPLACEMENT OF DETECTOR LOOPS

CODE NO.	ITEM	LOCATION	UNIT	TOTAL QUANTITY
88600600	DETECTOR LOOP REPLACEMENT	WITHIN PROJECT LIMITS	FOOT	97

FILE NAME = 48_Detector Loops.dgn
Default

USER NAME = bkutz
PLOT SCALE = 20.0000' / 1" =
PLOT DATE = 3/24/2014

DESIGNED - BDK
DRAWN - BDK
CHECKED - BM
DATE - 03/24/2014

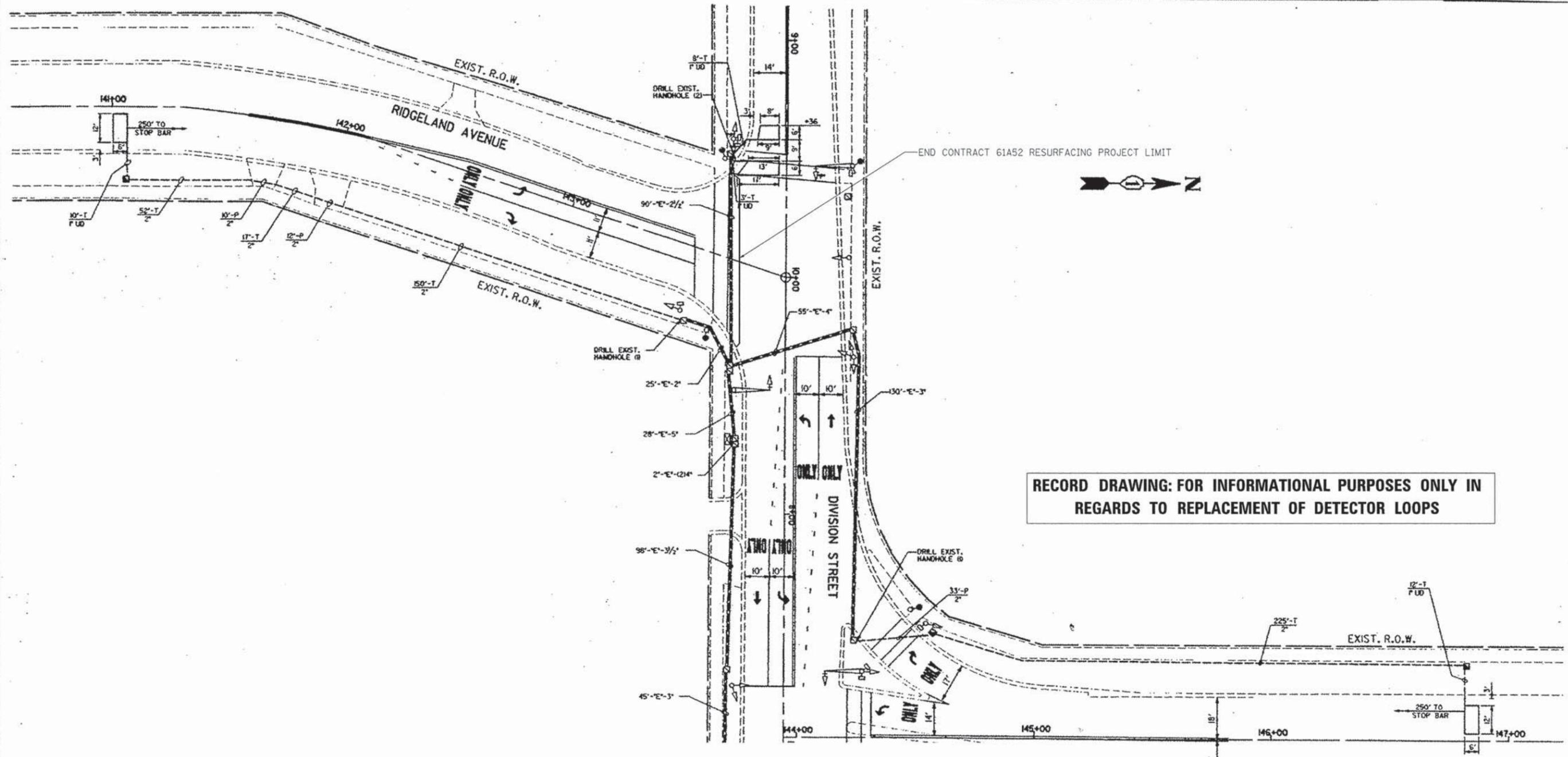
REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE AT CHICAGO AVE.
DETECTOR LOOPS PLAN**
SCALE: NONE SHEET 48 OF 62 SHEETS STA. TO STA.

F.A.U. RTE. 2783	SECTION 13-00260-00-RS	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 48
CONTRACT NO. 61A52			ILLINOIS FED. AID PROJECT M-4003(285)	

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RECORD DRAWING: FOR INFORMATIONAL PURPOSES ONLY IN REGARDS TO REPLACEMENT OF DETECTOR LOOPS

CODE NO.	ITEM	LOCATION	UNIT	TOTAL QUANTITY
88600600	DETECTOR LOOP REPLACEMENT	WITHIN PROJECT LIMITS	FOOT	39

FILE NAME = 58_Detector Loops.dgn
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PLOT SCALE = 20.0000' / in.
PLOT DATE = 3/24/2014

DESIGNED - BDK
DRAWN - BDK
CHECKED - BM
DATE - 03/24/2014

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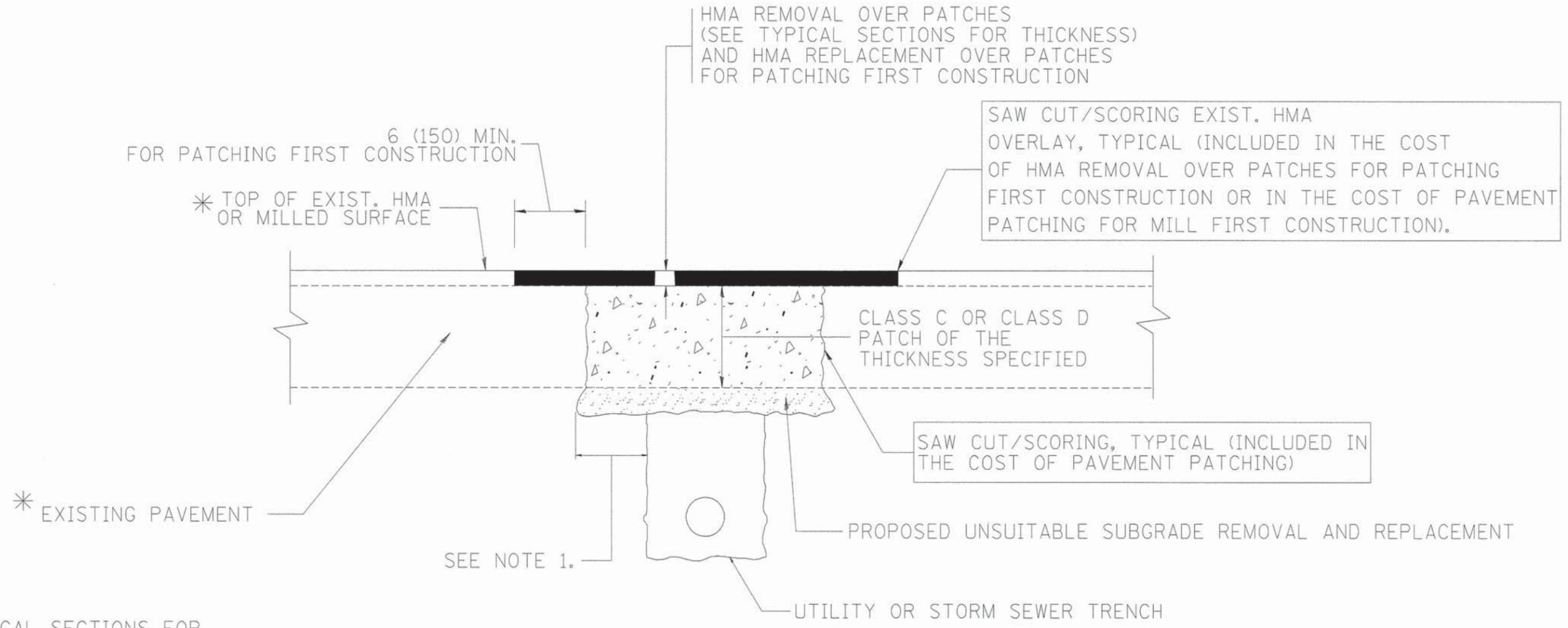
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RIDGELAND AVENUE AT DIVISION ST.
DETECTOR LOOPS PLAN**

SCALE: NONE SHEET 50 OF 62 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	50

CONTRACT NO. 61A52
ILLINOIS FED. AID PROJECT M-4003(285)



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

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 4 1/2 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.

FILE NAME = c:\projects\diststd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.U. RTE. 2783	SECTION 13-00260-00-RS	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 52
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD400-04 (BD-22)		CONTRACT NO. 61A52	
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(285)							

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

* 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.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

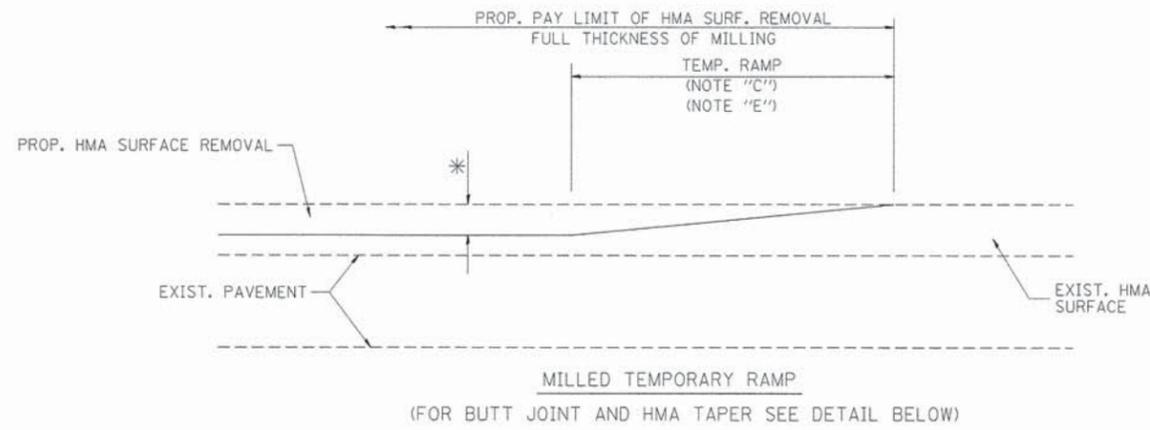
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

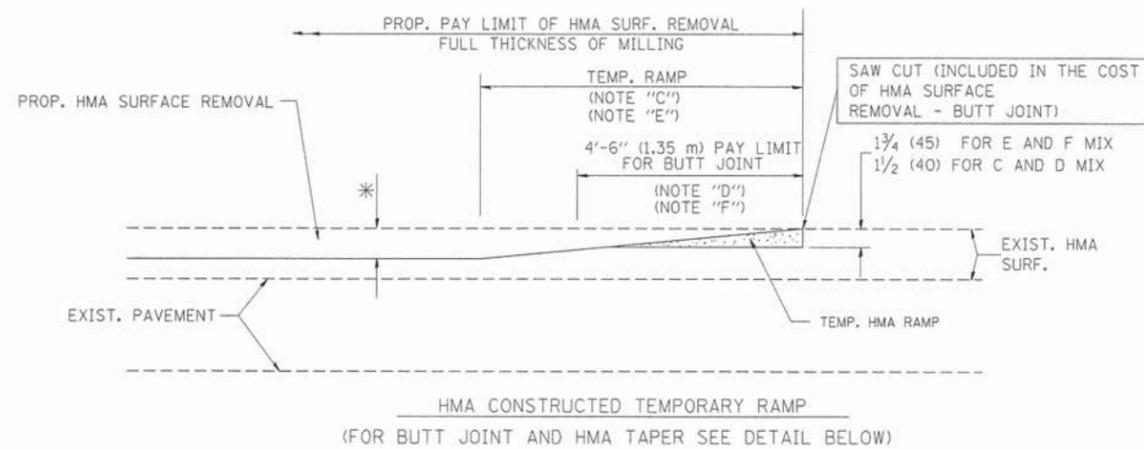
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

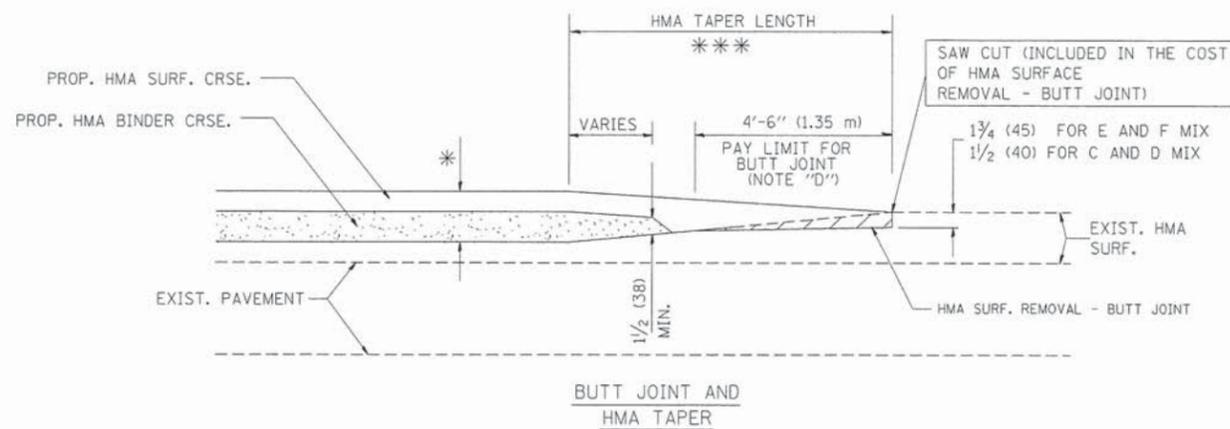
FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\drivakosgn\d0106315\bd24.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97	2783			13-00260-00-RS	COOK	62	53	
PLOT SCALE = 50.000 * / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01	BD600-06 (BD-24)				CONTRACT NO. 61A52			
PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-4003(285)							
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	



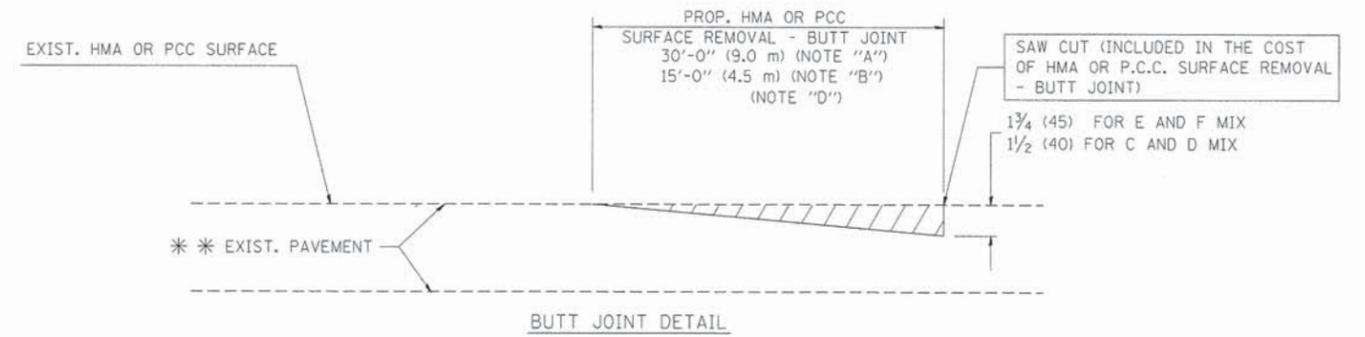
OPTION 1



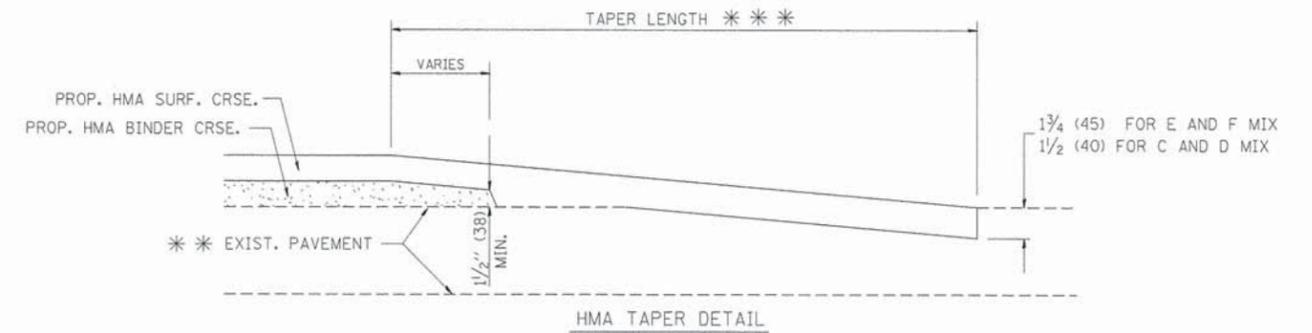
OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - 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'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 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:

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".

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

FILE NAME =
W:\diststd\22x34\bd32.dgn

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DESIGNED - M. DE YONG
DRAWN -
PLOT SCALE = 50.0000' / IN.
CHECKED -
PLOT DATE = 1/4/2008
DATE - 06-13-90

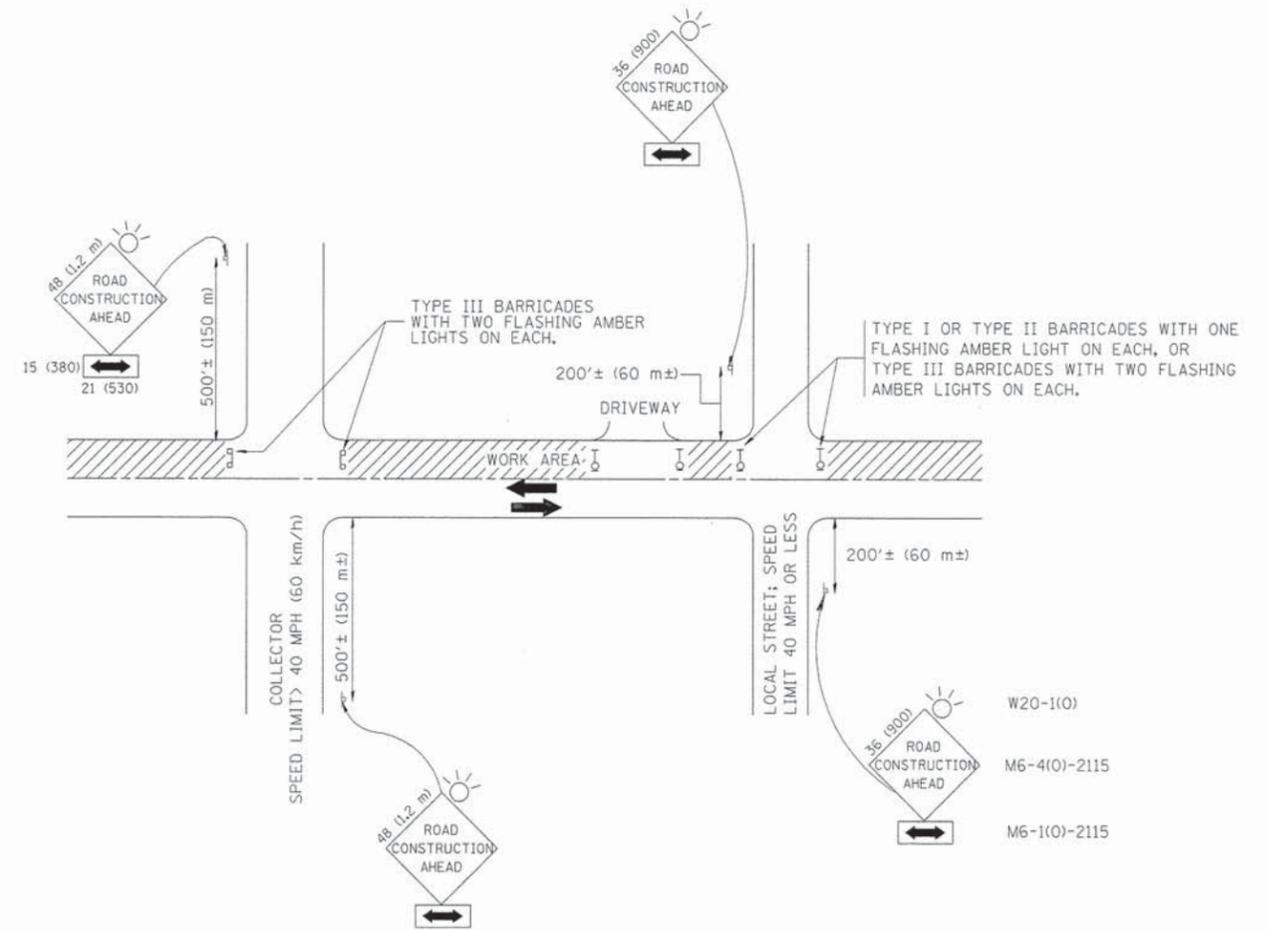
REVISED - R. SHAH 10-25-94
REVISED - A. ABBAS 03-21-97
REVISED - M. GOMEZ 04-06-01
REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	54
BD400-05 BD32			CONTRACT NO. 61A52	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(285)				



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.

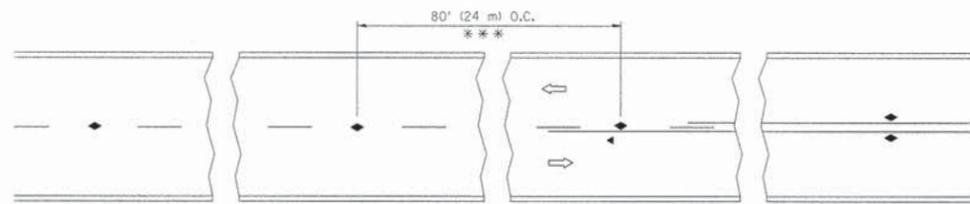
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		DRAWN -	REVISED - A. HOUSEH 03-06-96
		PLOT SCALE = 50.000' / IN.	REVISED - A. HOUSEH 10-15-96
		PLOT DATE = 1/4/2008	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

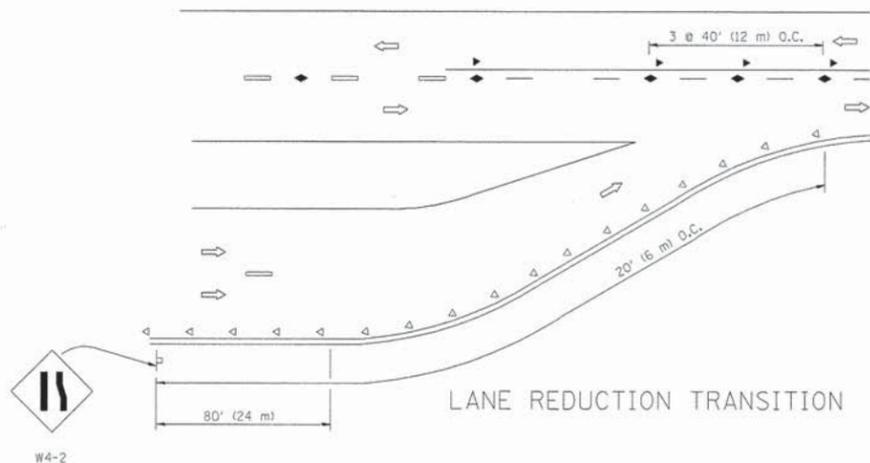
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	56
TC-10			CONTRACT NO. 61A52	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(285)				

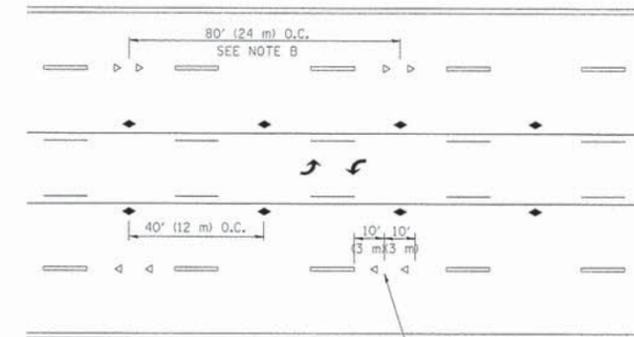


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

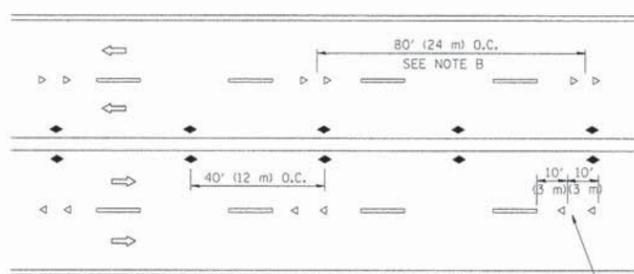
TWO-LANE/TWO-WAY



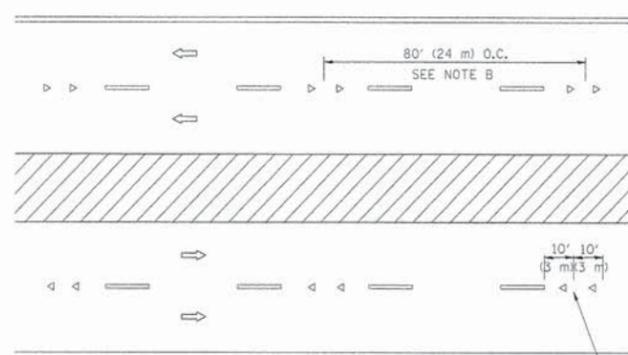
LANE REDUCTION TRANSITION



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.

SYMBOLS

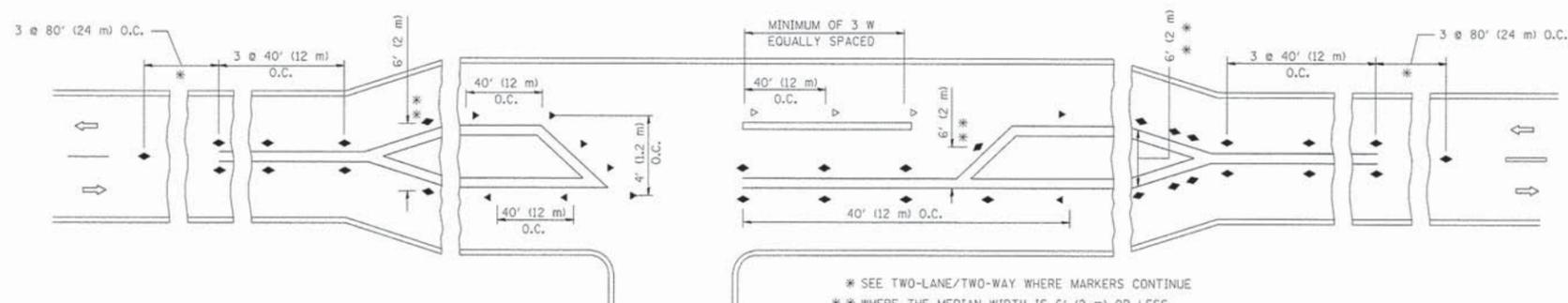
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.



LEFT TURN

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

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

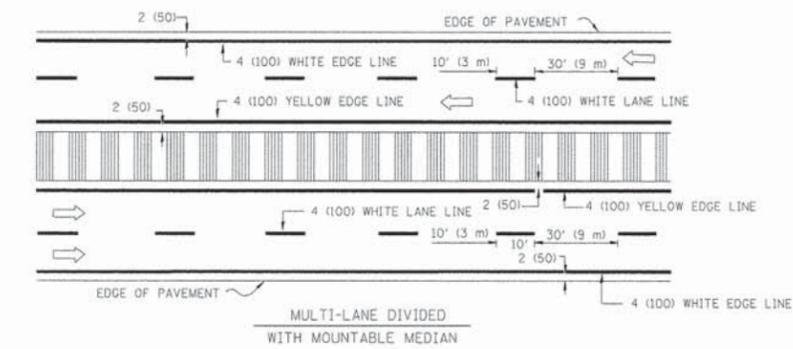
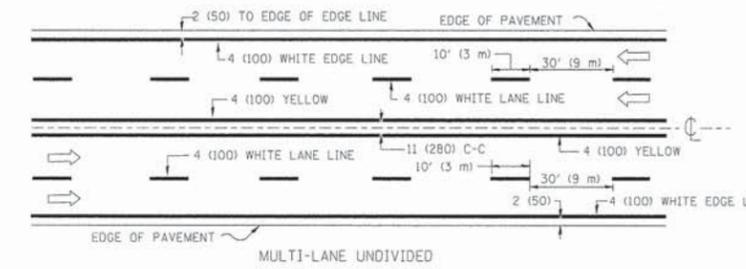
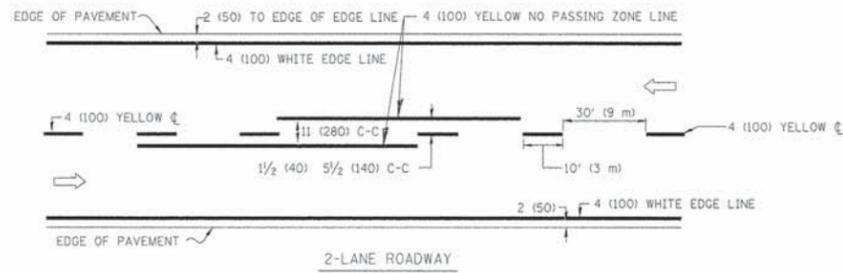
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		CHECKED -	REVISED - T. RAMMACHER 01-06-00
		DATE -	REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

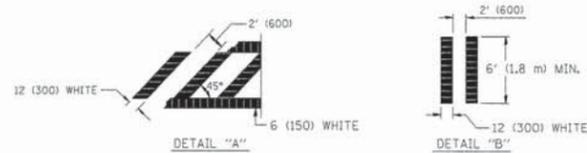
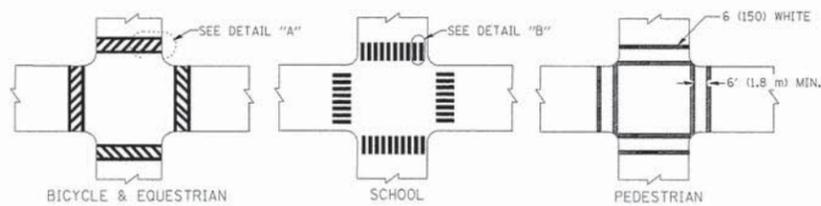
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	57
TC-11			CONTRACT NO. 61A52	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(285)				

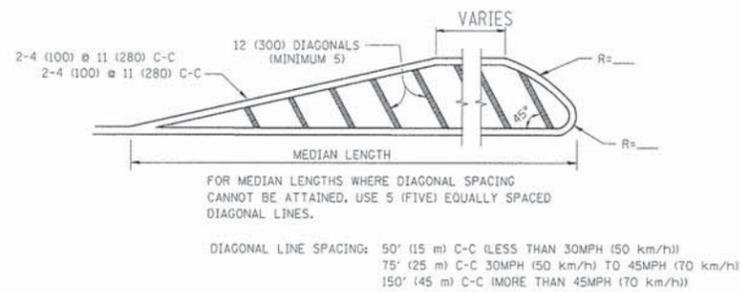
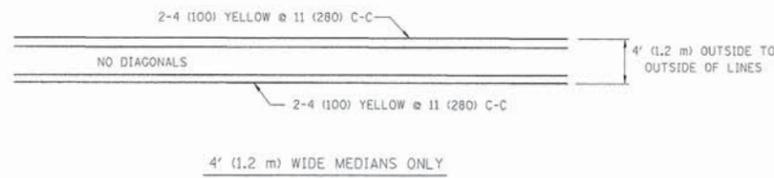


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

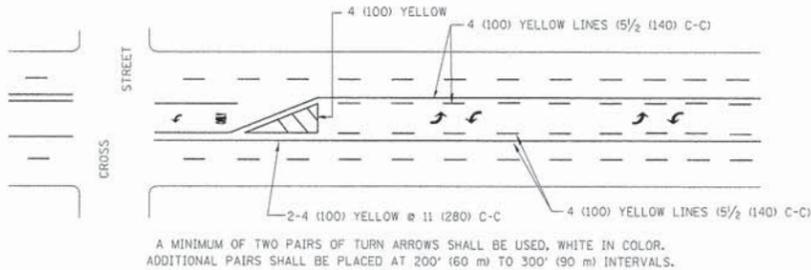
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

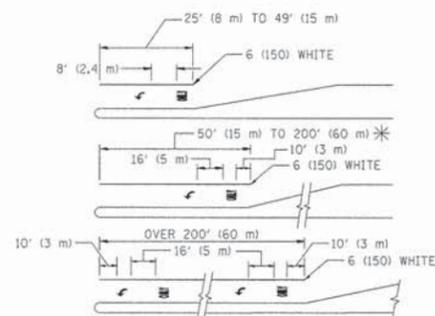


MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

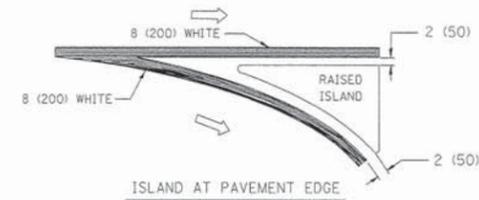
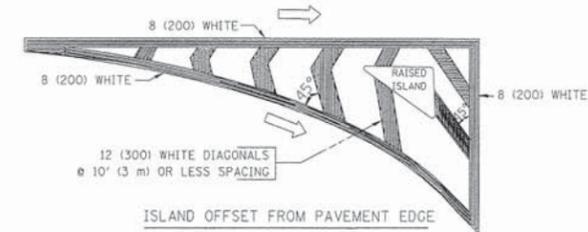


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
* AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* 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

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 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 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	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.

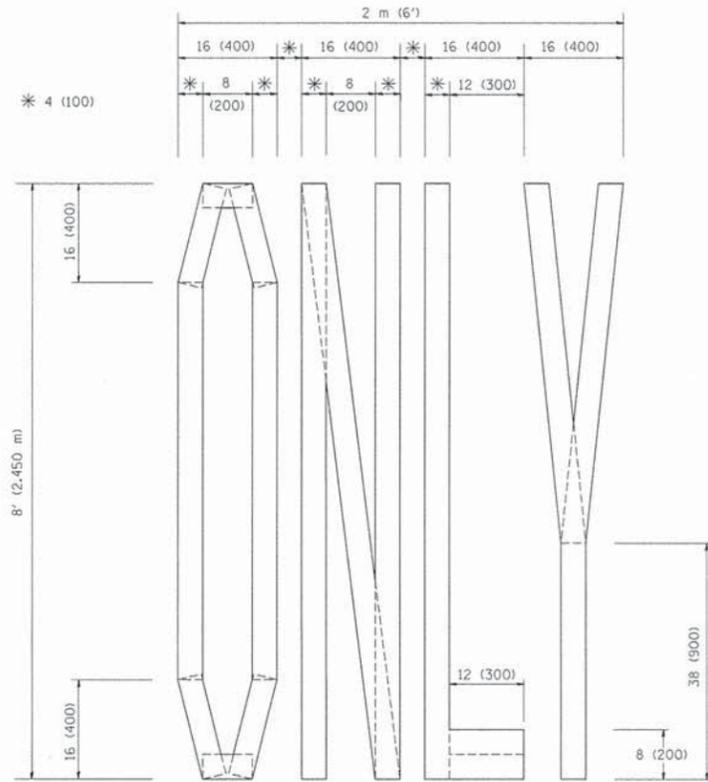
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

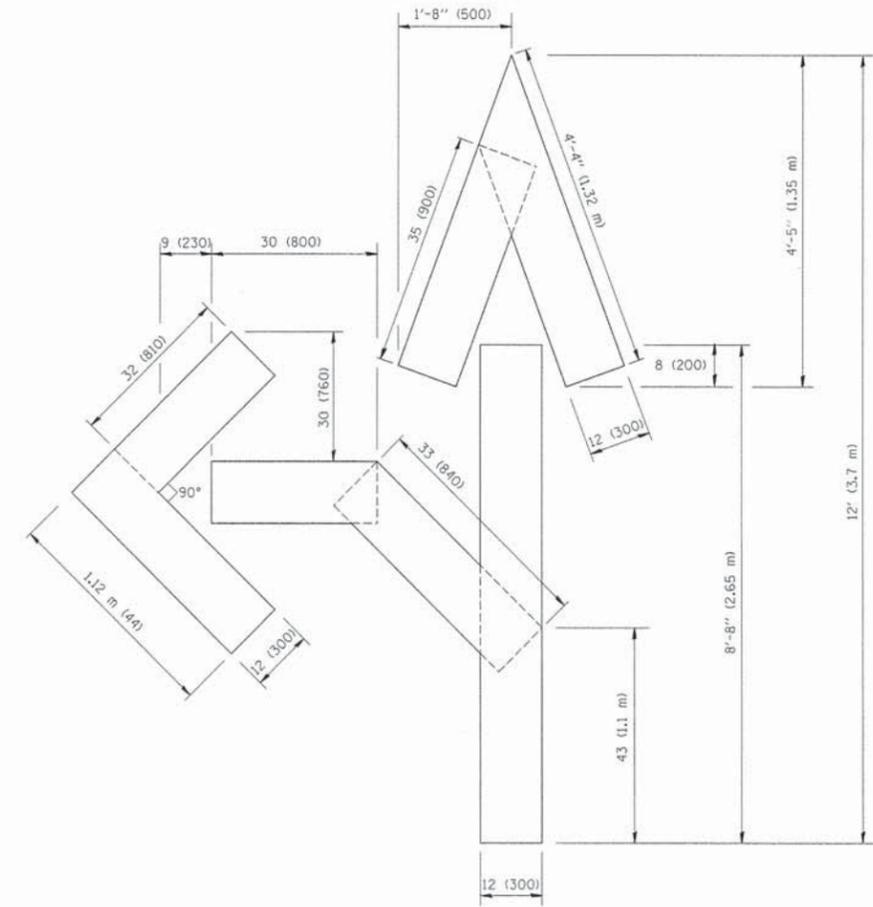
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.
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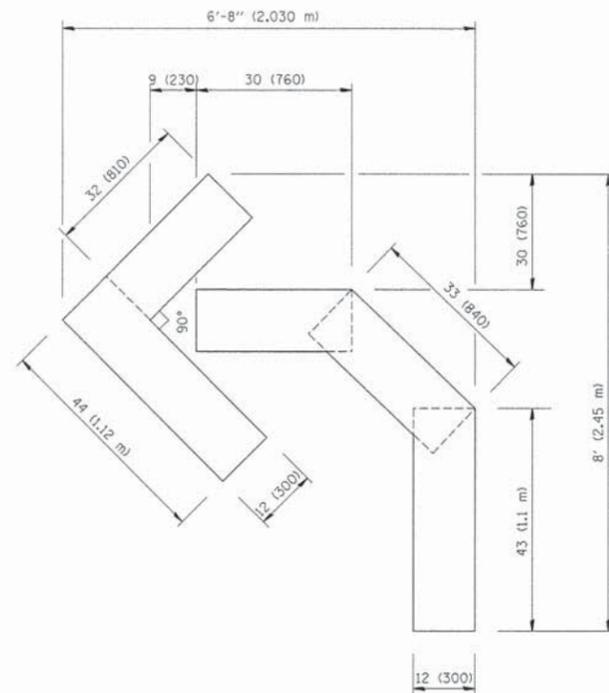
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	58
TC-13		CONTRACT NO. 61A52		
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-4003(285)				



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

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

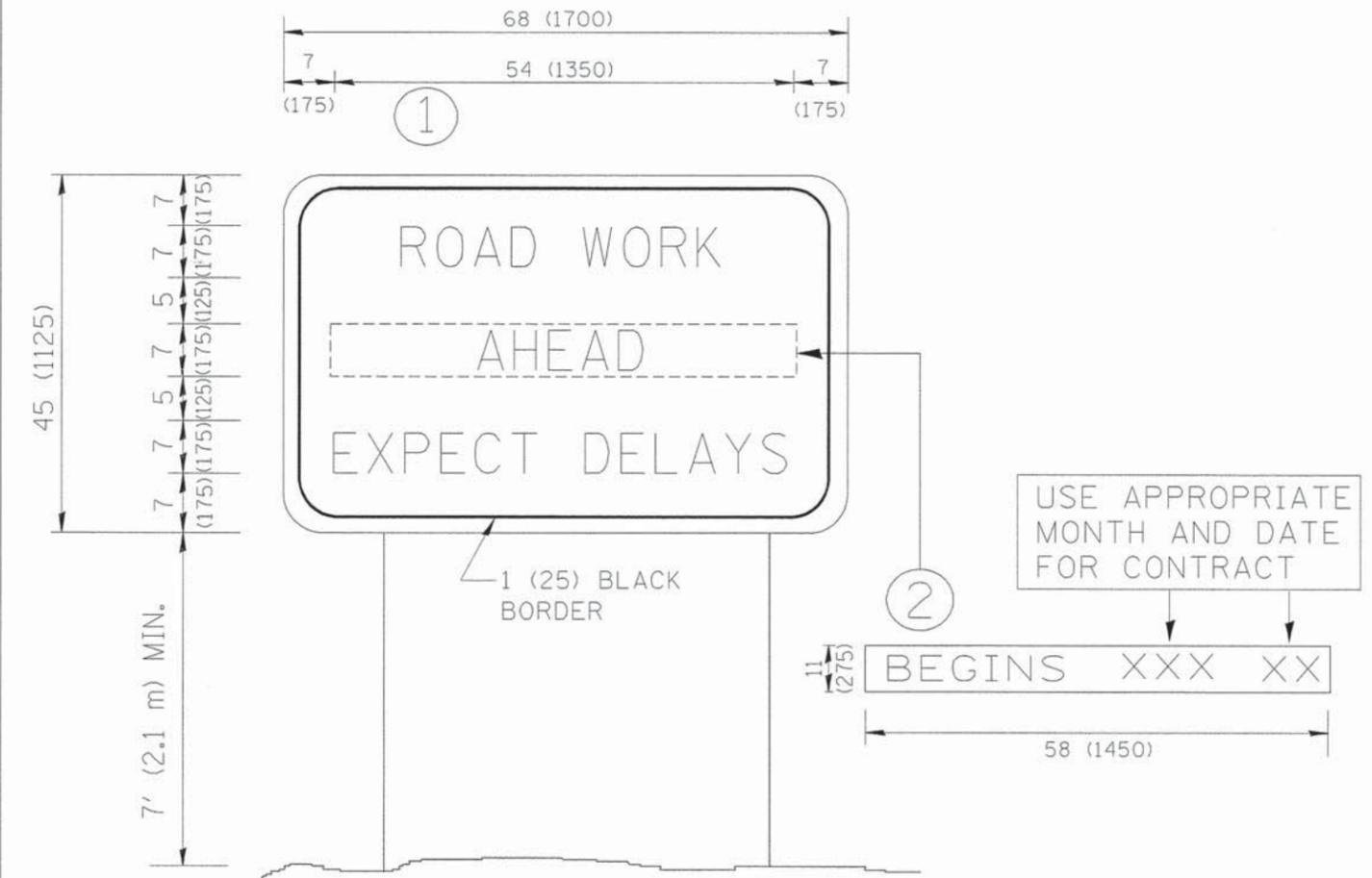
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	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	59
TC-16		CONTRACT NO. 61A52		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(285)				



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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		DRAWN -	REVISED - R. MIRS 12-11-97
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

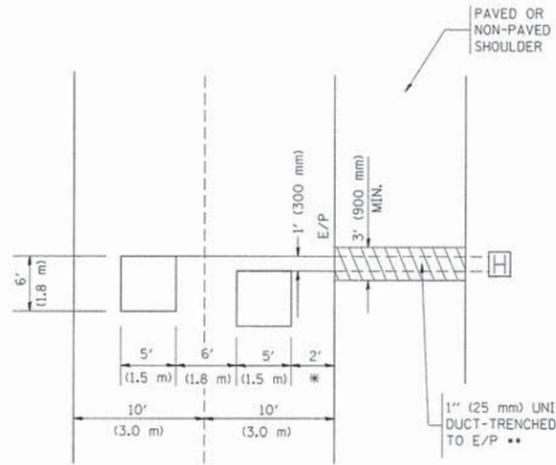
**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.U. RTE. 2783	SECTION 13-00260-00-RS	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 60
TC-22			CONTRACT NO. 61A52	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(285)				

LOOPS NEXT TO SHOULDERS

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

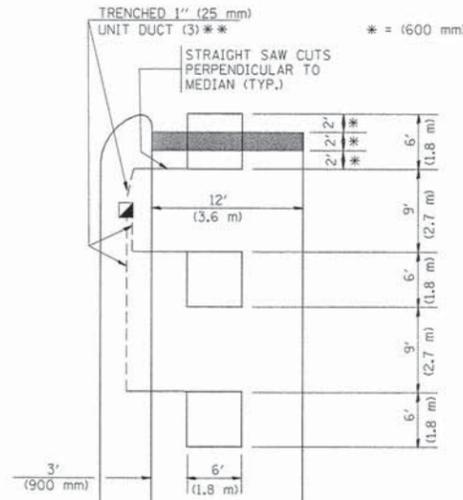


* = (600 mm)

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

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

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

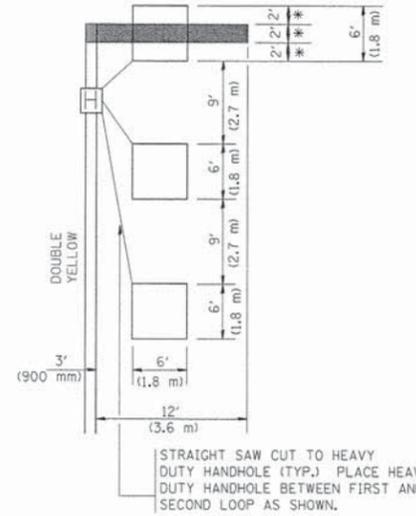


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

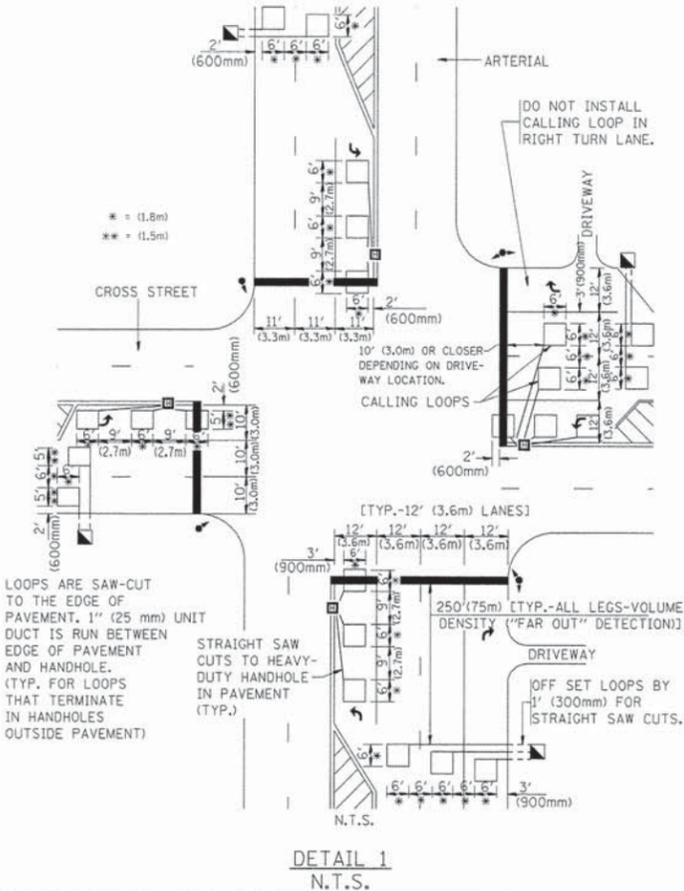
**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**

* = (600 mm)



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

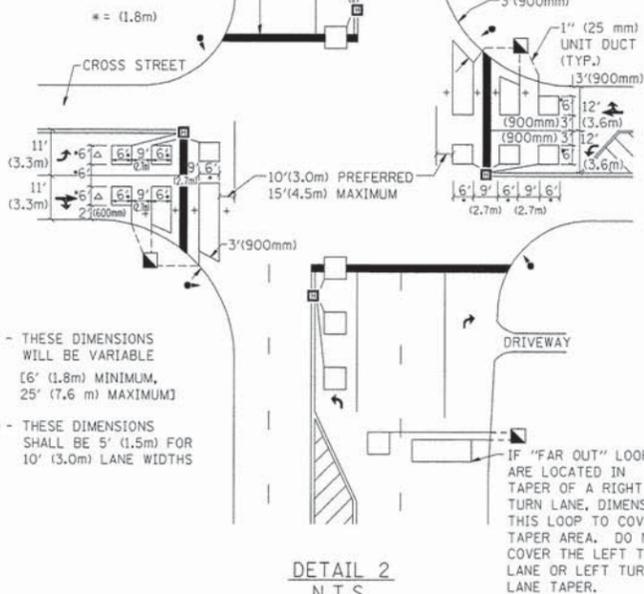
**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



DETAIL 1
N.T.S.

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

OFFSET LOOPS BY 1' (300mm) FOR STRAIGHT SAW CUTS
THIS DIMENSION MAY BE ADJUSTED FOR DRIVEWAY OR OTHER OBSTRUCTIONS. WHEN ADJUSTMENT IS REQUIRED, DETECTORS WILL NORMALLY BE MOVED CLOSER TO THE INTERSECTION.



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

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

NOTE:

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

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

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PLOT DATE = 1/4/2008

DESIGNED -
DRAWN -
CHECKED - R.K.F.
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	13-00260-00-RS	COOK	62	62
TS-07				CONTRACT NO. 61A52
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(285)				