

04-27-2018 LETTING ITEM 011

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	1
		ILLINOIS	CONTRACT NO. 62C67	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

THIS IMPROVEMENT IS LOCATED IN THE VILLAGES OF LOMBARD AND VILLA PARK

TRAFFIC DATA
FUNCTIONAL CLASSIFICATION: PRINCIPAL ARTERIAL
2016 ADT= 42,500
POSTED SPEED LIMIT = 35 MPH

PROPOSED HIGHWAY PLANS

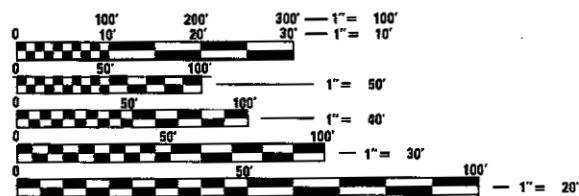
FAP ROUTE 347: IL ROUTE 38
EAST OF FINLEY RD TO WEST OF ARDMORE AVE
SECTION CY-RS-5
PROJECT: NHPP-8Q&J(509)
RESURFACING, PEDESTRIAN RAMPS
DUPAGE COUNTY

C-91-374-16



IMPROVEMENT BEGINS
STA 778+00

IMPROVEMENT ENDS
STA 899+47

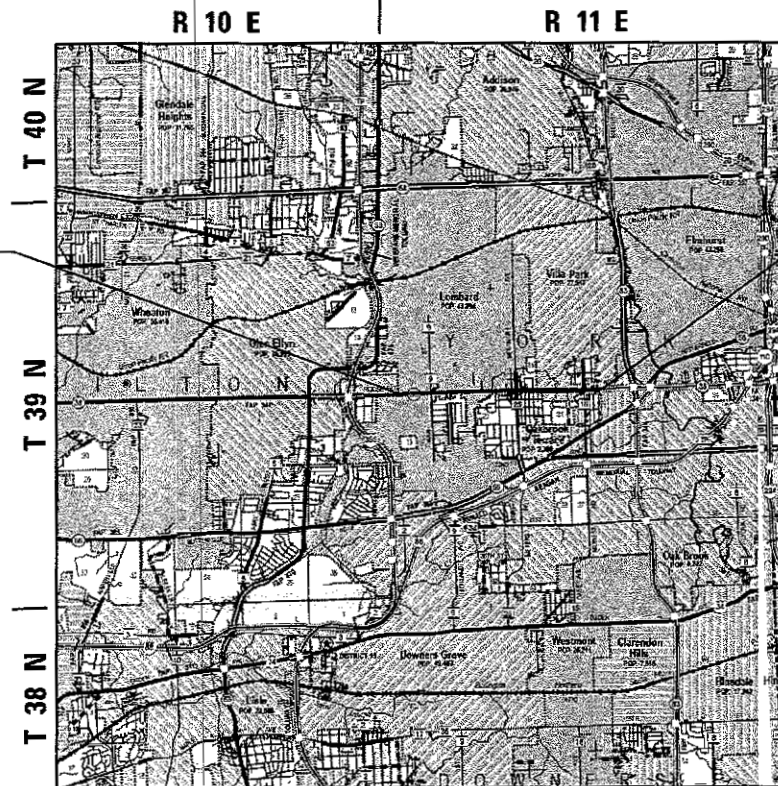


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: JEAN A. MIDY, P.E. (847) 221-3056
PROJECT MANAGER: FAWAD AQUEEL, P.E. (847) 705-4247

CONTRACT NO. 62C67



YORK TOWNSHIP

GROSS LENGTH = 12,147 FT. = 2.301 MILE
NET LENGTH = 12,147 FT. = 2.301 MILE



Signed: [Signature]
Date: 01/23/2018
License Expires: 11/30/2019

EFK Moen, LLC
Civil Engineering Design
125 South Wacker Dr, Suite 2090
Chicago, IL 60606
Phone 312-396-4065

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 24, 2018

Jonathan A. Quigley / JAS
REGIONAL ENGINEER

Mar 23, 2018

aw
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 23, 2018

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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BENCHMARKS

- BM*1 CHISEL "□" ON IL 38 CONCRETE MEDIAN JUST WEST OF VILLA AVENUE
ELEV. 697.79
- BM*2 CHISEL "□" ON SE CORNER OF SIGN BASE FOR SIMONS RESTAURANT AT NW QUADRANT OF IL 38 AND ARDMORE AVENUE
ELEV. 713.25
- BM*2A CHISEL "□" ON N CORNER OF HANDHOLE AT NE QUADRANT OF IL 38 AND VILLA OAKS SHOPPING CENTER
ELEV. 712.19
- BM*3 CHISEL "□" ON NW CORNER OF SIGN BASE FOR MARATHON STATION AT SW QUADRANT OF IL 38 AND MEYERS ROAD
ELEV. 716.66
- BM*4 CHISEL "□" ON CONCRETE LIGHT BASE AT NE QUADRANT FOR O'REILEY AUTO PARTS PROPERTY
ELEV. 715.73
- BM*5 CHISEL "X" IN NE FIRE HYDRANT FLANGE BOLT AT SE QUADRANT OF IL 38 AND HIGHLAND AVENUE
ELEV. 729.74
- BM*6 CHISEL "□" ON NW CORNER OF SIGN BASE FOR MOBIL STATION AT SE QUADRANT OF IL 38 AND FINLEY ROAD
ELEV. 732.31

STATE STANDARDS

424001-16 PERPENDICULAR CURB RAMPS FOR SIDEWALKS

424006-03 DIAGONAL CURB RAMPS FOR SIDEWALKS

424011-03 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS

424021-04 DEPRESSED CORNER FOR SIDEWALKS

442201-03 CLASS C AND D PATCHES

604001-04 FRAME AND LIDS TYPE 1

606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE

701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40

701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN

701602-09 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE

701606-10 URBAN SINGLE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN

701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION

701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE

701901-07 TRAFFIC CONTROL DEVICES

720001-01 SIGN PANEL MOUNTING DETAILS

720006-04 SIGN PANEL ERECTION DETAILS

728001-01 TELESCOPING STEEL SIGN SUPPORT

780001-05 TYPICAL PAVEMENT MARKINGS

781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

886001-01 DETECTOR LOOP INSTALLATIONS

886006-01 TYPICAL LAYOUT FOR DETECTION LOOPS

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILTY COMPANIES AND THE VILLAGES OF LOMBARD AND VILLA PARK.
- THE CONTRACTOR WILL NOT BE ABLE TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS, INCLUDING FRAMES AND LIDS TO BE REPLACED AND STORM SEWERS AND DRAINAGE STRUCTURES TO BE CLEANED, WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, MR. DON CHIARUGI, AT DON.CHIARUGI@ILLINOIS.GOV TWO (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.
- THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN ON THE PLANS.
- PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH, WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- EARTH EXCAVATION PAY ITEM INCLUDES PLACING AND COMPACTING EMBANKMENT AND LEGAL OFFSITE DISPOSAL OF EXCESS MATERIAL.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS, AND TIE BARS IN PAVEMENTS, SHOULDERS, CURB, GUTTER, AND COMBINATION CURB AND GUTTER AND MEDIAN, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
- UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED.
- CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST TWO (2) WEEKS PRIOR TO BEGINNING WORK FOR LAYOUT.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH PACE FOR BUS STOPS LOCATED WITHIN THE PROJECT LIMITS AFFECTED BY PROPOSED WORK PRIOR TO CONSTRUCTION. PACE SHALL BE RESPONSIBLE FOR REMOVING AND RELOCATING/REPLACING EXISTING BUS STOPS THAT ARE LOCATED IN AREAS WHERE SIDEWALK IS PROPOSED. THE RESIDENT ENGINEER SHALL CONTACT PACE IN ORDER TO COORDINATE THIS WORK.

FILE NAME =	USER NAME = rjg	DESIGNED - JH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL	DRAWN - MS	REVISD -	347			CY-RS-5	DUPAGE	53	2	
MODELNAME	PLOT SCALE = 5/8"=1'-0"	CHECKED - JH / RAG	REVISED -			CONTRACT NO. 62C67				
	PLOT DATE = 1/23/2018	DATE - 08/14/2017	REVISED -			SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				URBAN	80% FED 20% STATE ROADWAY	100% LOMBARD ROADWAY
					0005 IDOT	0005 LOMBARD
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	99	99	0	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	20	20	0	
20200100	EARTH EXCAVATION	CU YD	60	60	0	
* 21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	60	60	0	
* 25200110	SODDING, SALT TOLERANT	SQ YD	60	60	0	
* 25200200	SUPPLEMENTAL WATERING	UNIT	3	3	0	
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	630.5	630.5	0.0	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	60804	59417	1387	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	9.2	8.9	0.3	
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	3716	3631	85	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	474	425	49	
42001300	PROTECTIVE COAT	SQ YD	2407	2407	0	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	220	220	0	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5671.0	5671.0	0.0	

* SPECIAL PROVISION REQUIRED
 ** DENOTES SPECIALTY ITEM

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FILE NAME :	USER NAME : rg	DESIGNED - JH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - MS	REVISED -						347	CY-R5-5	DUPAGE	53	3
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	PLOT DATE = 1/22/2018	DATE - 08/14/2017	REVISED -		ILLINOIS FED. AID PROJECT								

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE ROADWAY 0005 IDOT	100% LOMBARD ROADWAY 0005 LOMBARD
				42400800	DETECTABLE WARNINGS
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	90078	88024	2054
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	216	216	0
44000600	SIDEWALK REMOVAL	SQ FT	5730	5730	0
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	1000	1000	0
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	1000	1000	0
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	1000	1000	0
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1	0
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1	0
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2	0
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	43	43	0
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	18	18	0
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	5	5	0
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	50	50	0

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FILE NAME *	USER NAME = rg	DESIGNED - JH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 1/23/2018	DATE - 08/14/2017	REVISED -		ILLINOIS FED. AID PROJECT								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE ROADWAY 0005 IDOT	100% LOMBARD ROADWAY 0005 LOMBARD
				URBAN	
** 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1	0
** 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10	0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4	0
67100100	MOBILIZATION	L SUM	1	1	0
70100350	TRAFFIC CONTROL AND PROTECTION, STANDARD 701101	EACH	1	1	0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	0
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	0
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	0
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	0
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	42182	41496	686
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQFT	14061	13832	229
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1873	1836	37

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FILEL		DRAWN - MS	REVISED -					347	CY-R5-5	DUPAGE	53	5	
MODEL NAME*	PLLOT SCALE = 1/8" = 100' / 1"	CHECKED - JH / RAG	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62C57		
	PLLOT DATE = 1/23/2018	DATE - 08/14/2017	REVISED -								ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE ROADWAY	100% LOMBARD ROADWAY
				0005 IDOT	0005 LOMBARD
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	35679	35479	200
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	9539	9325	214
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	907	907	0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	950	925	25
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	4111	4073	38
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	950	925	25
** 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2	0
** 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	17	17	0
** 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2	0
** 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	17	17	0
** 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1873	1836	37
** 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	35679	35479	200
** 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	9539	9325	214
** 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	907	907	0

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				URBAN	100% LOMBARD ROADWAY
				80% FED 20% STATE ROADWAY 0005 IDOT	100% LOMBARD ROADWAY 0005 LOMBARD
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	950	925	25
** 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1683	1663	20
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1683	1663	20
	* 85000200 MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4	4	0
** 88600600	DETECTOR LOOP REPLACEMENT	FOOT	3143	3143	0
** 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	16	16	0
** 89502376	REBUILD EXISTING HANDHOLE	EACH	4	4	0
	* X0320050 CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1	0
	* X4060004 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80	TON	8829	8627	202
□	* X5537900 STORM SEWERS TO BE CLEANED 15"	FOOT	1300	1300	0
	* X6030310 FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	38	38	0
	* X7030005 TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	24605	24285	320
**	* X8950205 REBUILD EXISTING HANDHOLE, SPECIAL	EACH	1	1	0
	* Z0004562 COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1720	1720	0

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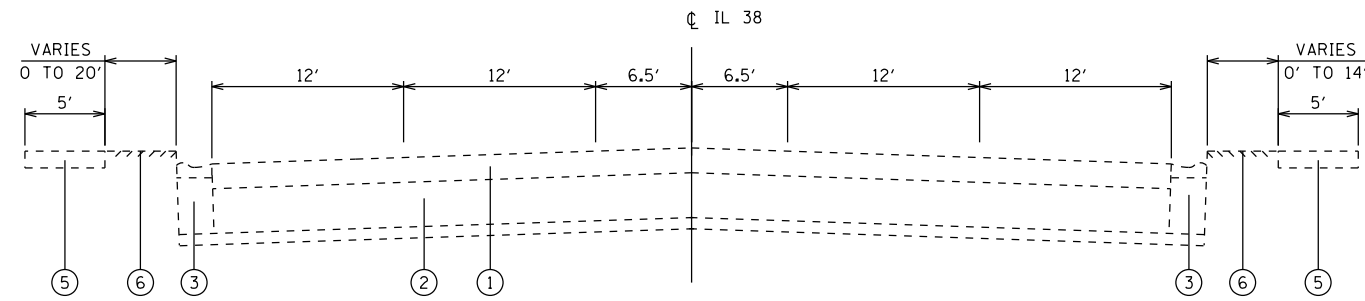
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

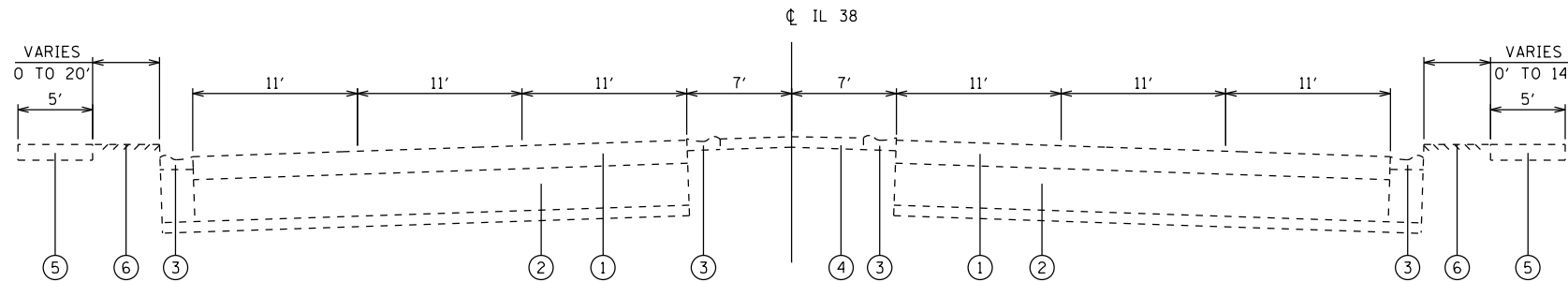
SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-R5-5	DUPAGE	53	7
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ILLINOIS FED. AID PROJECT				

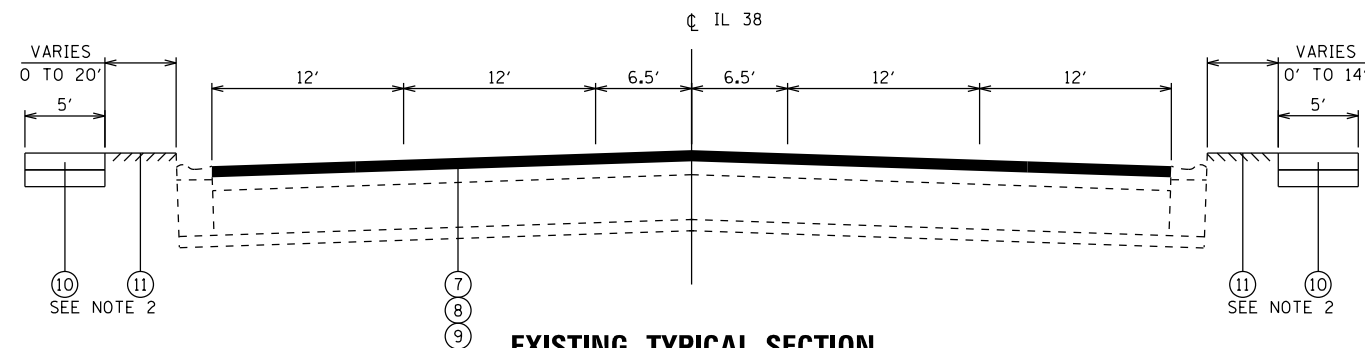
□ Revised



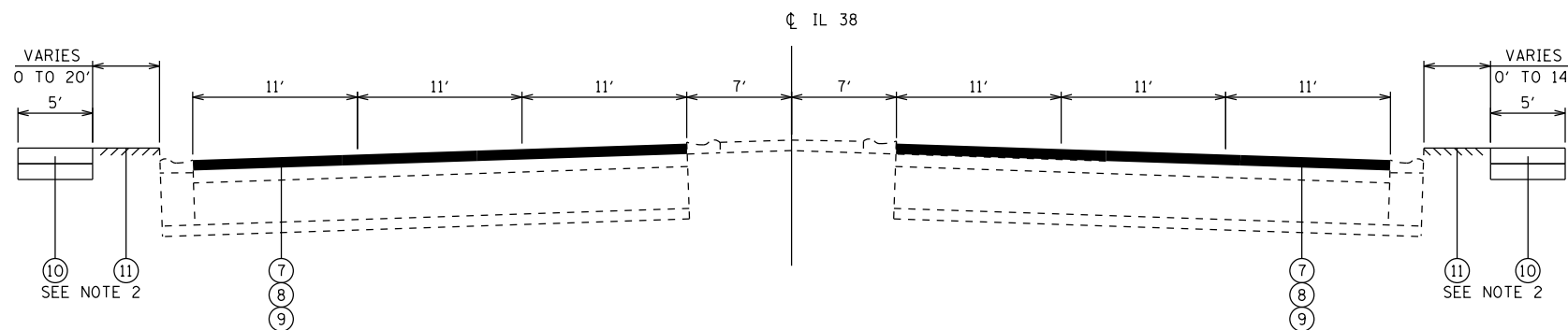
EXISTING TYPICAL SECTION
STA. 778+00 TO 887+58.50



EXISTING TYPICAL SECTION
STA. 887+58.50 TO 899+47



EXISTING TYPICAL SECTION
STA. 778+00 TO 887+58.50



EXISTING TYPICAL SECTION
STA. 887+58.50 TO 899+47

LEGEND

- ① EXISTING (+/-) 4" HMA SURFACE
- ② EXISTING PCC PAVEMENT (+/-) 10 1/2"
- ③ EXISTING COMB CONC CURB & GUTTER TYPE B-6.24
- ④ EXISTING MEDIAN SURFACE
- ⑤ EXISTING SIDEWALK
- ⑥ EXISTING GRASSY OR GRAVEL SLOPE
- ⑦ PROPOSED HMA SURFACE REMOVAL 2 1/2"
- ⑧ PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, N80, 1 3/4"
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑩ PROPOSED SIDEWALK WITH SUBBASE GRANULAR MATERIAL
- ⑪ PROPOSED TOPSOIL AND SODDING

NOTES:

1. CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
2. SEE SHEETS 15 - 33 FOR LOCATIONS.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING		
POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, N80, 1 3/4"	3.5% AT 80 GYR	PFPP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	3.5% AT 50 GYR	OCP
CLASS D PATCHES		
HMA BINDER IL-19.0 mm	4% AT 70 GYR	QC/OA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (OCP); PAY FOR PERFORMANCE (PFPP)		

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LB/SY/IN.

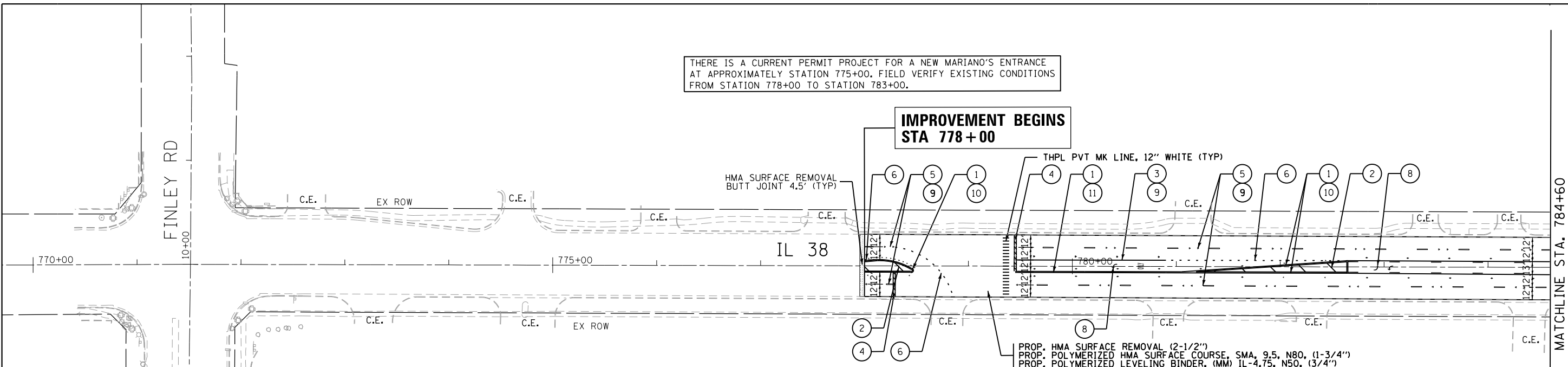
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

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

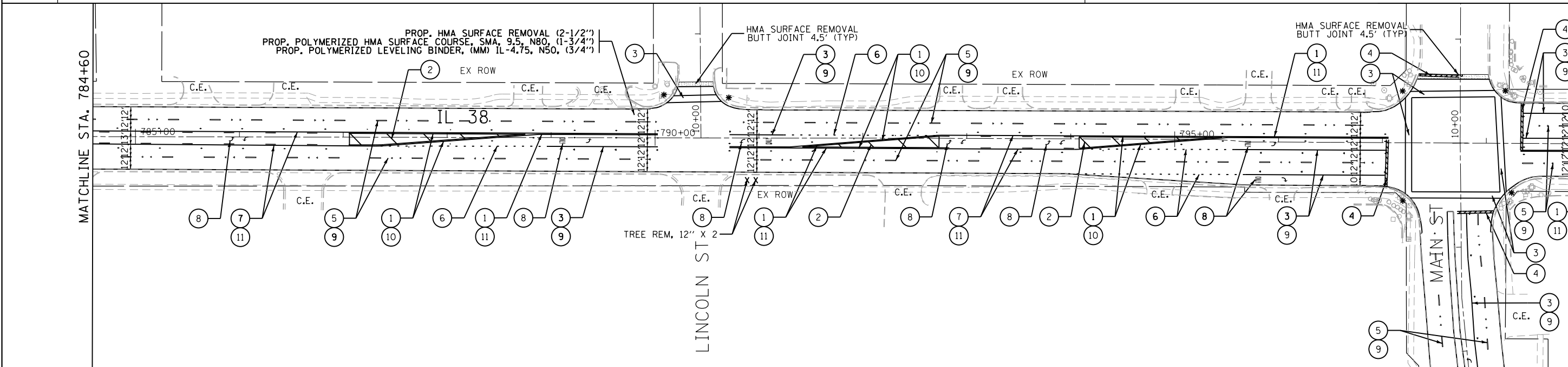
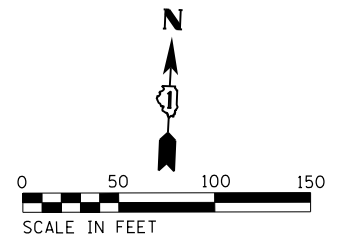
THERE IS A CURRENT PERMIT PROJECT FOR A NEW MARIANO'S ENTRANCE AT APPROXIMATELY STATION 775+00. FIELD VERIFY EXISTING CONDITIONS FROM STATION 778+00 TO STATION 783+00.

**IMPROVEMENT BEGINS
STA 778+00**



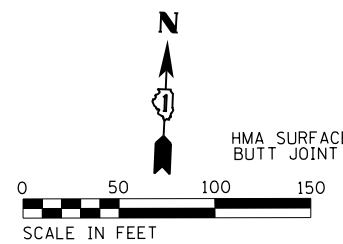
- ① THPL PVT MK LINE, 4" DOUBLE YELLOW (TYP UNLESS NOTED OTHERWISE)
- ② THPL PVT MK LINE, 12" YELLOW, 45° DIAGONAL, 75' SPACING OR 5 MIN (TYP)
- ③ THPL PVT MK LINE, 6" WHITE (TYP)
- ④ THPL PVT MK LINE, 24" WHITE (TYP)
- ⑤ THPL PVT MK LINE, 4" WHITE, 10' DASH - 30' SKIP (TYP)
- ⑥ THPL PVT MK LINE, 6" WHITE, 2' DASH - 6' SKIP, (TYP)
- ⑦ THPL PVT MK LINE, 4" (5/2" C-C), YELLOW (TYP)
- ⑧ THPL PVT MK LINE, LETTERS AND SYMBOLS (TYP)
- ⑨ RAISED PVMT MARKING, ONE-WAY CRYSTAL MARKER (TYP)
- ⑩ RAISED PVMT MARKING, ONE-WAY AMBER MARKER (TYP)
- ⑪ RAISED MPVMT MARKING, TWO-WAY AMBER MARKER (TYP)

NOTES:
 1. PAVEMENT MARKINGS SHALL CONFORM TO DISTRICT ONE STANDARD TC-13 TYPICAL PAVEMENT MARKINGS.
 2. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE STANDARD TC-11 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT).
 3. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST TWO (2) WEEKS PRIOR TO BEGINNING WORK FOR LAYOUT.
 * DENOTES ADA RAMP. SEE SHEETS 15-33 FOR DETAILS.

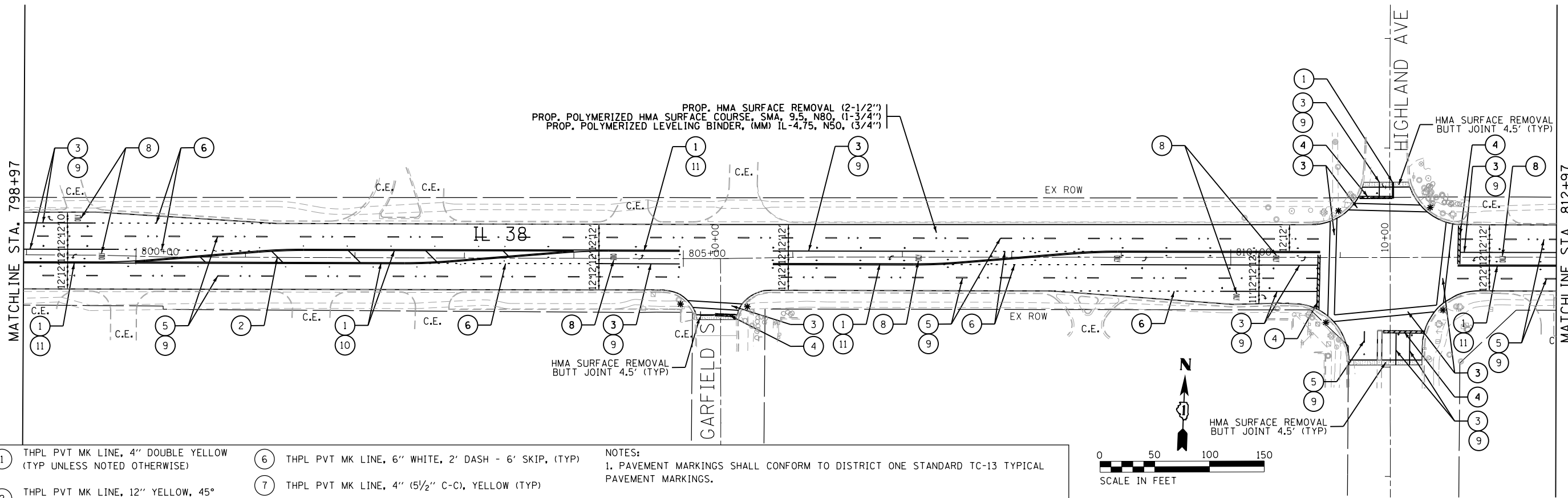


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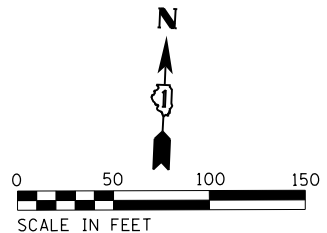
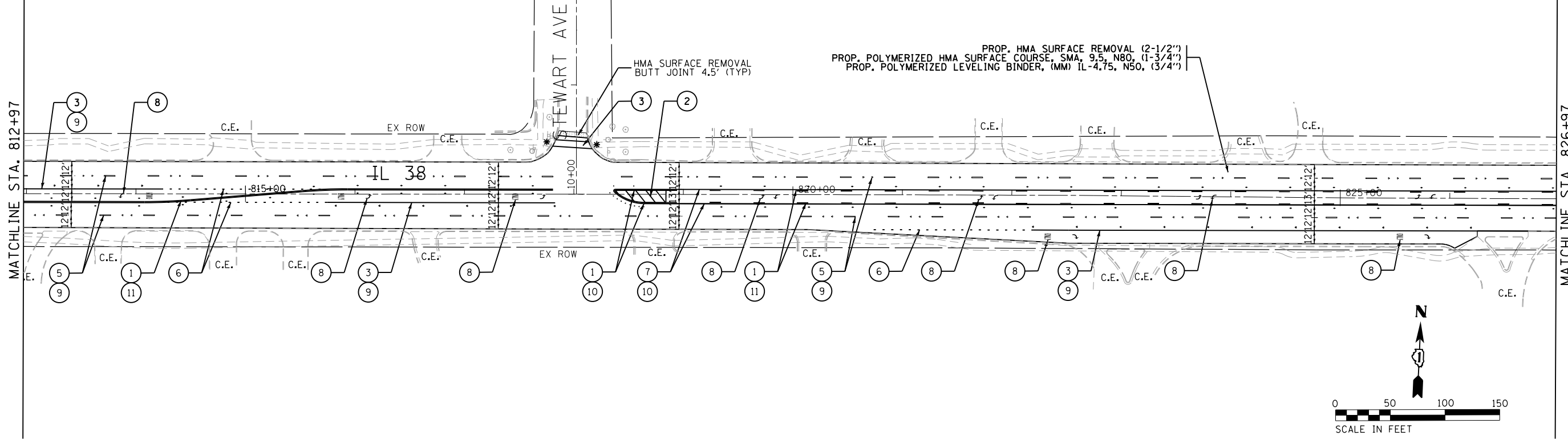
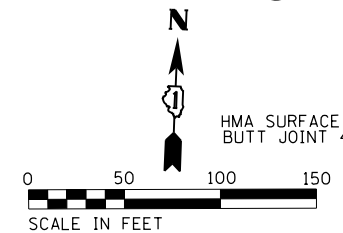


FILE NAME =	USER NAME = rg	DESIGNED - JH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - MS	REVISED -			347	CY-RS-5	DUPAGE	53	10
		CHECKED - JH / RAG	REVISED -			CONTRACT NO. 62C67				
#MODELNAME#	PLOT SCALE = 100.0000' / in.	DATE - 08/14/2017	REVISED -	SCALE: 1" = 50'	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			

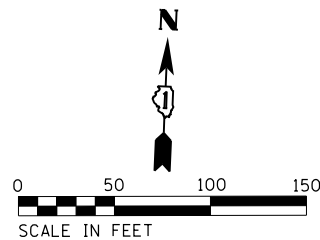
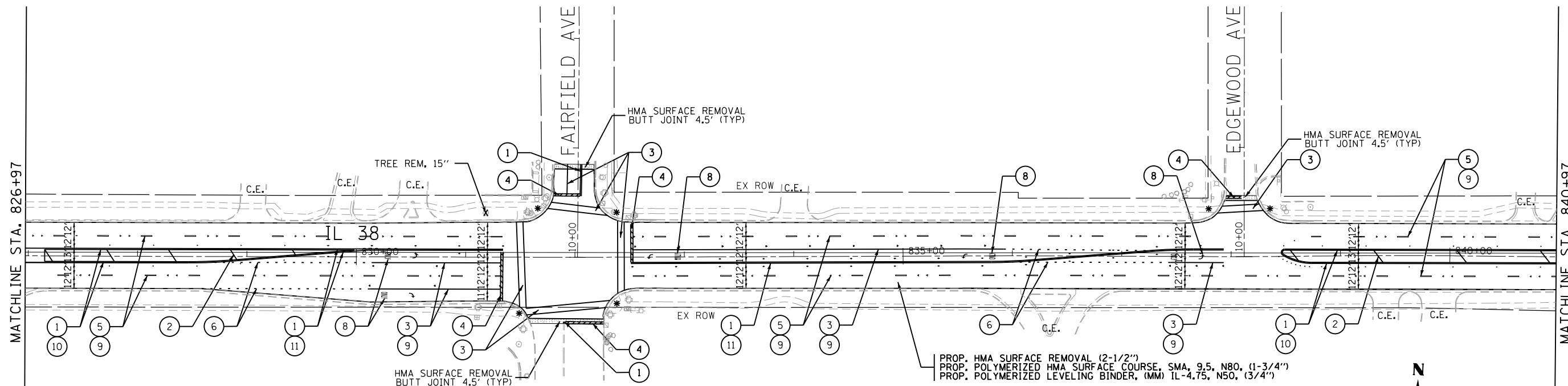


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- ⑦ THPL PVT MK LINE, 4" (5/2" C-C), YELLOW (TYP)
- ⑧ THPL PVT MK LINE, LETTERS AND SYMBOLS (TYP)
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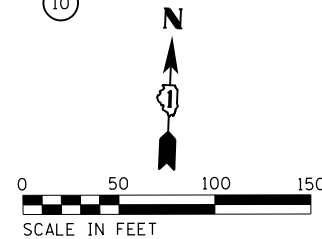
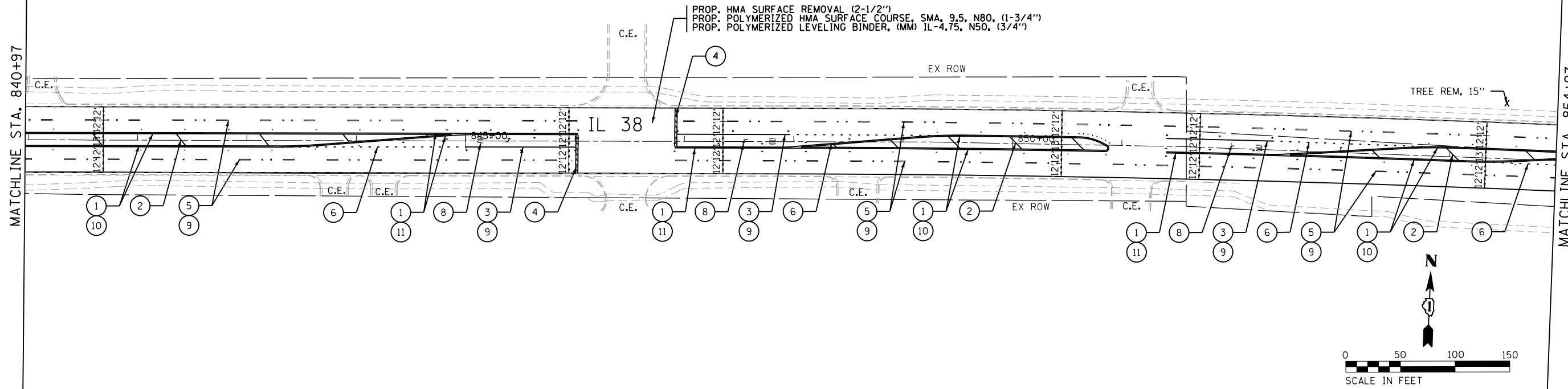
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FILE NAME =	USER NAME = rg	DESIGNED - JH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN				F.A.P. RTE. 347	SECTION CY-RS-5	COUNTY DUPAGE	TOTAL SHEETS 53	SHEET NO. 11
#FILE#		DRAWN - MS	REVISED -		SCALE: 1" = 50'				CONTRACT NO. 62C67				
	PLOT SCALE = 100.0000' / in.	CHECKED - JH / RAG	REVISED -		SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				
#MODELNAME#	PLOT DATE = 1/22/2018	DATE - 08/14/2017	REVISED -										







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|---|--|--|
| <ul style="list-style-type: none"> ① THPL PVT MK LINE, 4" DOUBLE YELLOW (TYP UNLESS NOTED OTHERWISE) ② THPL PVT MK LINE, 12" YELLOW, 45° DIAGONAL, 75' SPACING OR 5 MIN (TYP) ③ THPL PVT MK LINE, 6" WHITE (TYP) ④ THPL PVT MK LINE, 24" WHITE (TYP) ⑤ THPL PVT MK LINE, 4" WHITE, 10' DASH - 30' SKIP (TYP) | <ul style="list-style-type: none"> ⑥ THPL PVT MK LINE, 6" WHITE, 2' DASH - 6' SKIP, (TYP) ⑦ THPL PVT MK LINE, 4" (5/2" C-C), YELLOW (TYP) ⑧ THPL PVT MK LINE, LETTERS AND SYMBOLS (TYP) ⑨ RAISED PVMT MARKING, ONE-WAY CRYSTAL MARKER (TYP) ⑩ RAISED PVMT MARKING, ONE-WAY AMBER MARKER (TYP) ⑪ RAISED MPVMT MARKING, TWO-WAY AMBER MARKER (TYP) | <p>NOTES:</p> <p>1. PAVEMENT MARKINGS SHALL CONFORM TO DISTRICT ONE STANDARD TC-13 TYPICAL PAVEMENT MARKINGS.</p> <p>2. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE STANDARD TC-11 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT).</p> <p>3. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST TWO (2) WEEKS PRIOR TO BEGINNING WORK FOR LAYOUT.</p> <p>* DENOTES ADA RAMP. SEE SHEETS 15-33 FOR DETAILS.</p> |
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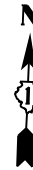


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#MODELNAME#	PLOT DATE = 1/22/2018	DATE - 08/14/2017	REVISED -		SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				

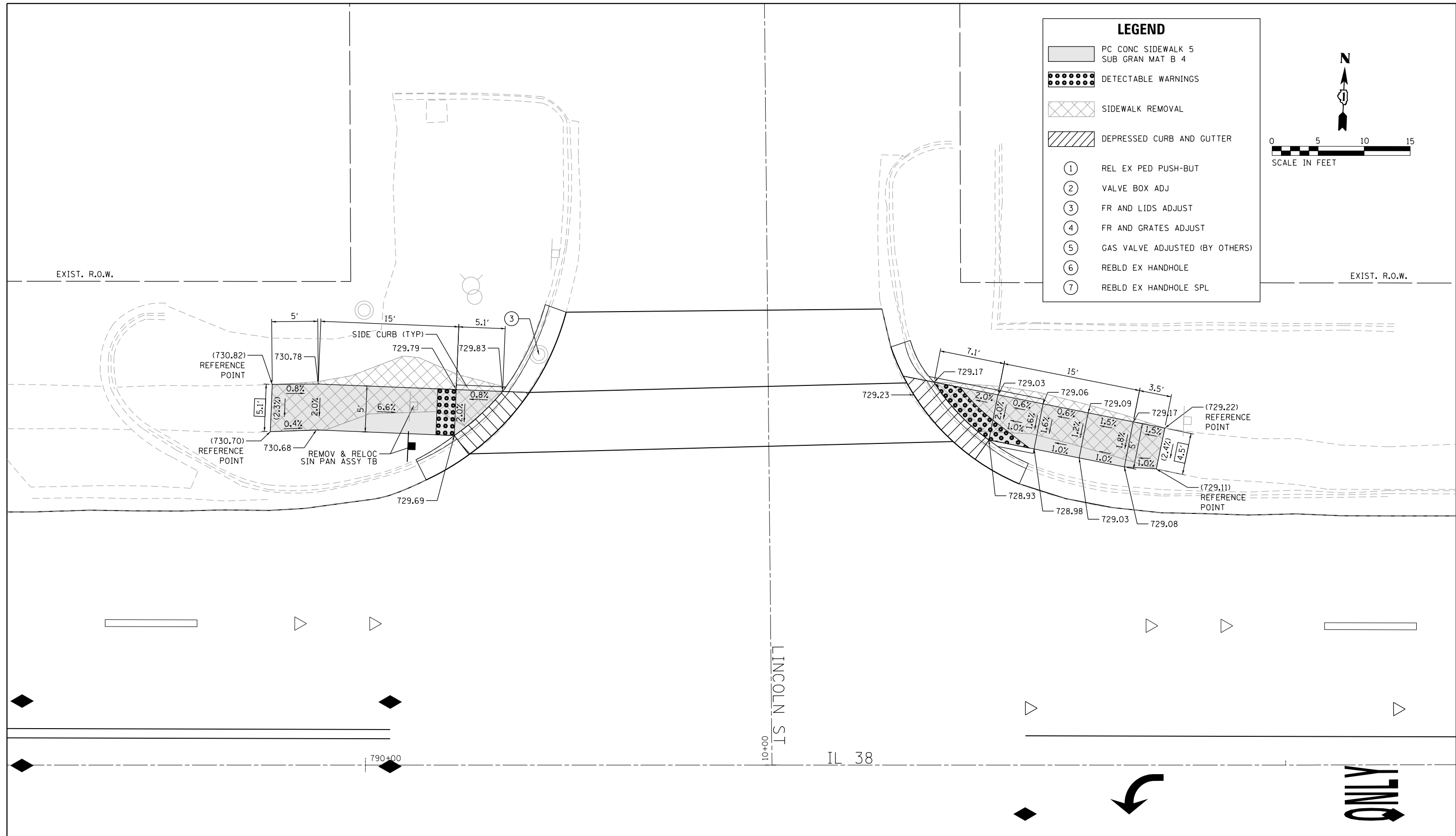
LEGEND

-  PC CONC SIDEWALK 5
SUB GRAN MAT B 4
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL
-  DEPRESSED CURB AND GUTTER
- ① REL EX PED PUSH-BUT
- ② VALVE BOX ADJ
- ③ FR AND LIDS ADJUST
- ④ FR AND GRATES ADJUST
- ⑤ GAS VALVE ADJUSTED (BY OTHERS)
- ⑥ REBLD EX HANDHOLE
- ⑦ REBLD EX HANDHOLE SPL

N



0 5 10 15
SCALE IN FEET



IL 38 AND LINCOLN ST				
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
NORTHWEST CORNER	116.5	10	23	125
NORTHEAST CORNER	120.0	19	20	109

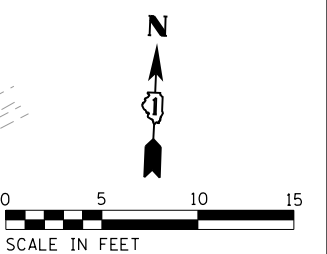
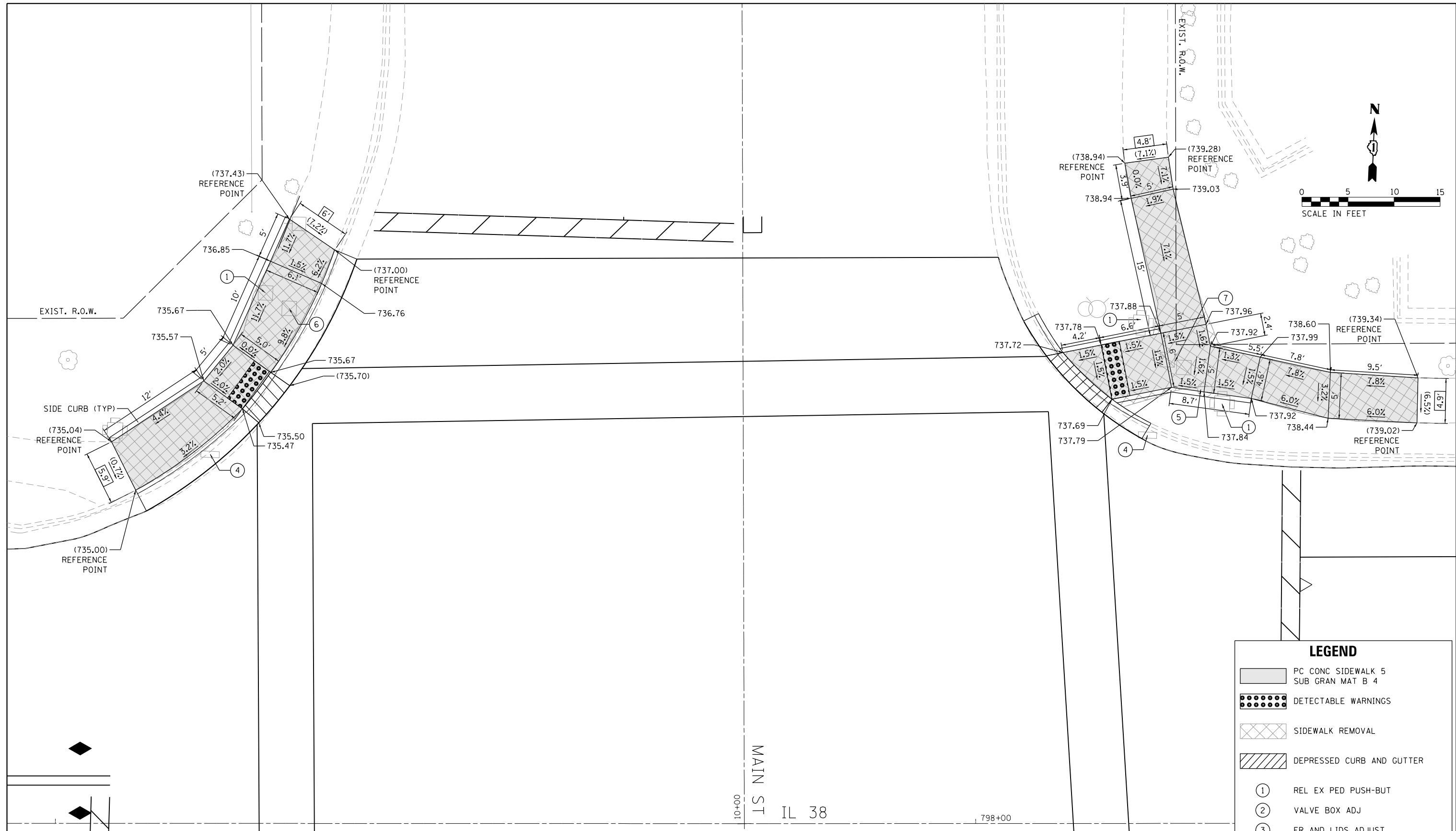
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 38 AT LINCOLN ST**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	15
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



LEGEND

	PC CONC SIDEWALK 5 SUB GRAN MAT B 4
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
①	REL EX PED PUSH-BUT
②	VALVE BOX ADJ
③	FR AND LIDS ADJUST
④	FR AND GRATES ADJUST
⑤	GAS VALVE ADJUSTED (BY OTHERS)
⑥	REBLD EX HANDHOLE
⑦	REBLD EX HANDHOLE SPL

IL 38 AND MAIN ST

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
NORTHWEST CORNER	205.5	10	35	187
NORTHEAST CORNER	298.5	12	18	290

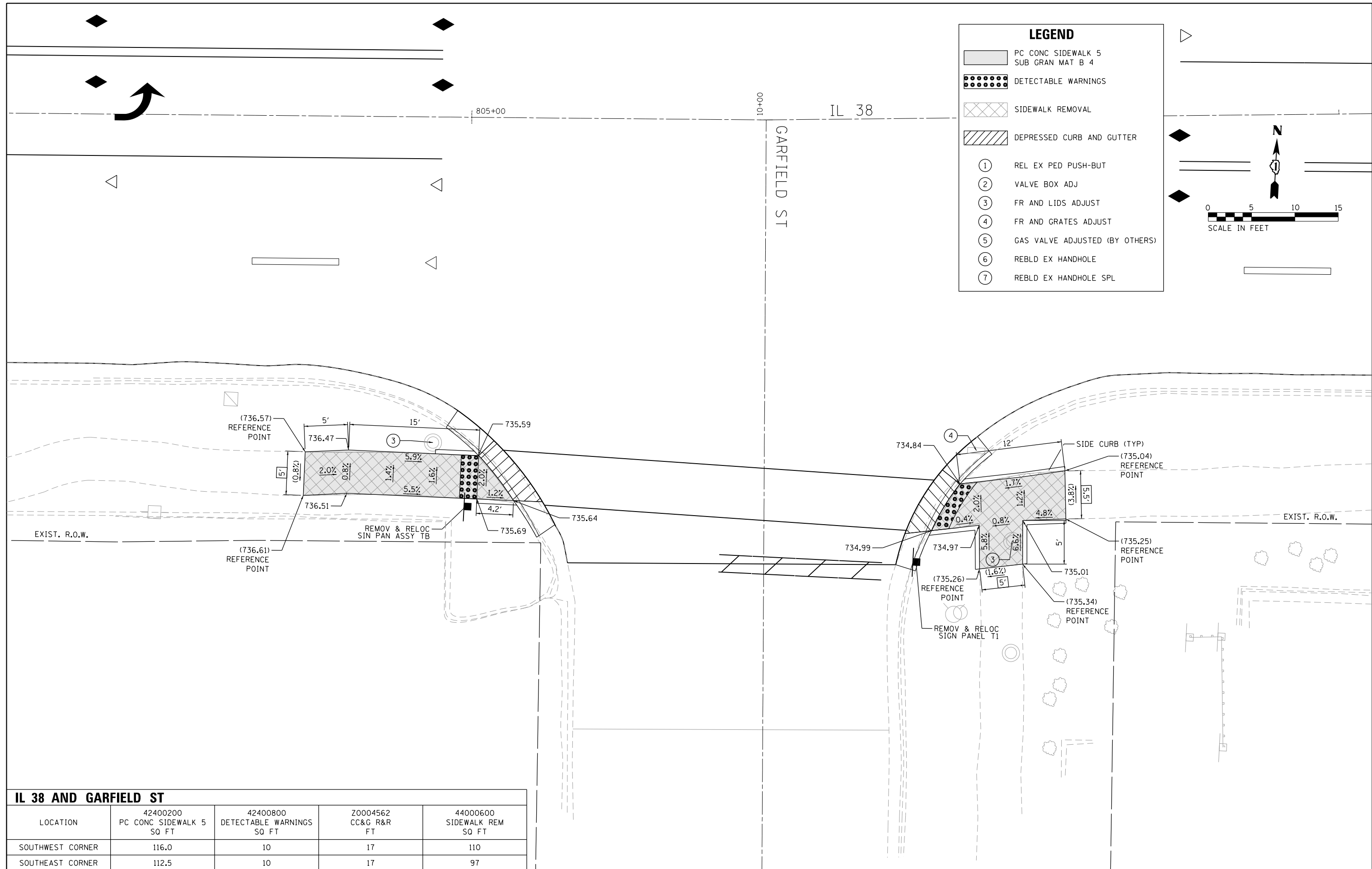
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 38 AT MAIN ST**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	16
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5
SUB GRAN MAT B 4
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① REL EX PED PUSH-BUT
- ② VALVE BOX ADJ
- ③ FR AND LIDS ADJUST
- ④ FR AND GRATES ADJUST
- ⑤ GAS VALVE ADJUSTED (BY OTHERS)
- ⑥ REBLD EX HANDHOLE
- ⑦ REBLD EX HANDHOLE SPL

North arrow pointing up with 'N' above it.

Scale bar: 0, 5, 10, 15 feet.

SCALE IN FEET

IL 38 AND GARFIELD ST

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
SOUTHWEST CORNER	116.0	10	17	110
SOUTHEAST CORNER	112.5	10	17	97

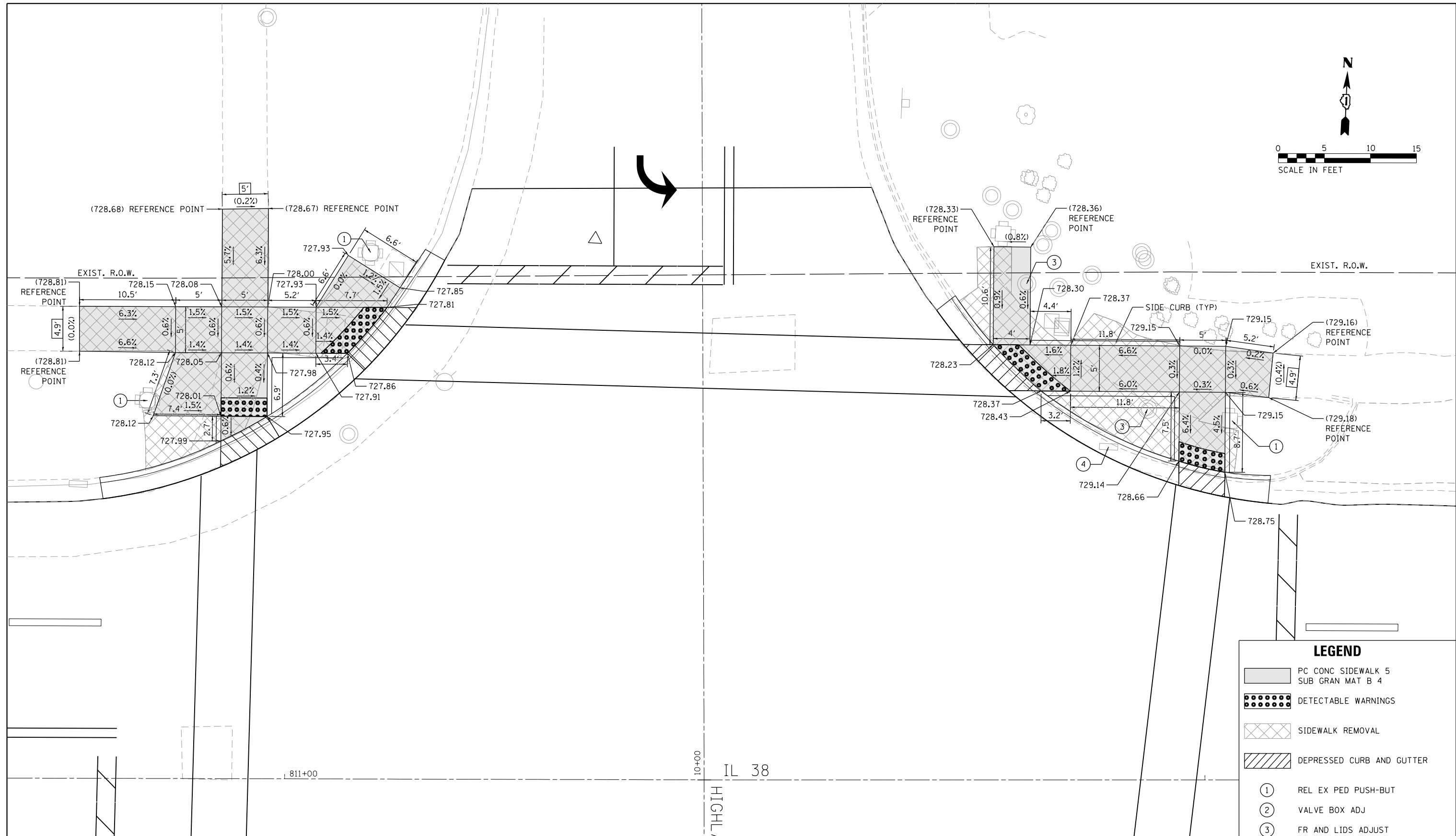
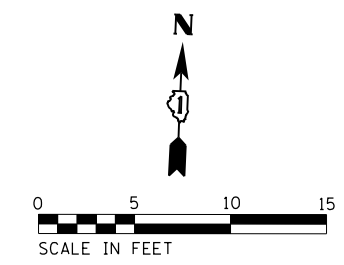
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FILEL		DRAWN - MS	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED - JH / RAG	REVISED -
MODELNAME	PLOT DATE = 1/22/2018	DATE - 08/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 38 AT GARFIELD ST**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	18
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



LEGEND	
	PC CONC SIDEWALK 5 SUB GRAN MAT B 4
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
①	REL EX PED PUSH-BUT
②	VALVE BOX ADJ
③	FR AND LIDS ADJUST
④	FR AND GRATES ADJUST
⑤	GAS VALVE ADJUSTED (BY OTHERS)
⑥	REBLD EX HANDHOLE
⑦	REBLD EX HANDHOLE SPL

IL 38 AND HIGHLAND AVE				
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
NORTHWEST CORNER	332.5	23	45	356
NORTHEAST CORNER	245.0	25	42	318

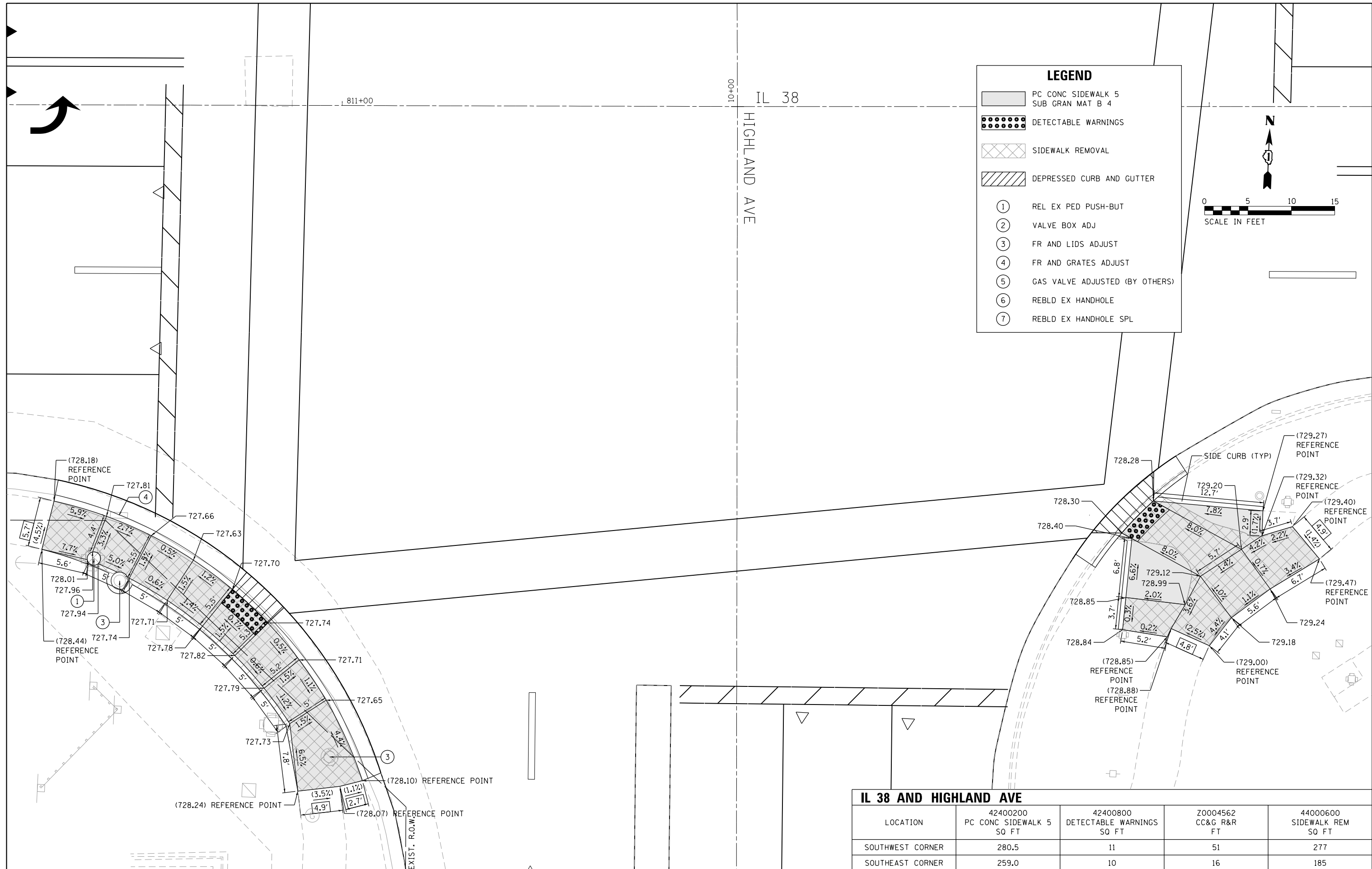
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	PLOT SCALE = 10.0000' / in.	CHECKED - JH / RAG	REVISED -
#MODELNAME#	PLOT DATE = 1/22/2018	DATE - 08/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 38 AT HIGHLAND AVE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	19
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5
SUB GRAN MAT B 4
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① REL EX PED PUSH-BUT
- ② VALVE BOX ADJ
- ③ FR AND LIDS ADJUST
- ④ FR AND GRATES ADJUST
- ⑤ GAS VALVE ADJUSTED (BY OTHERS)
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- ⑦ REBLD EX HANDHOLE SPL

IL 38 AND HIGHLAND AVE

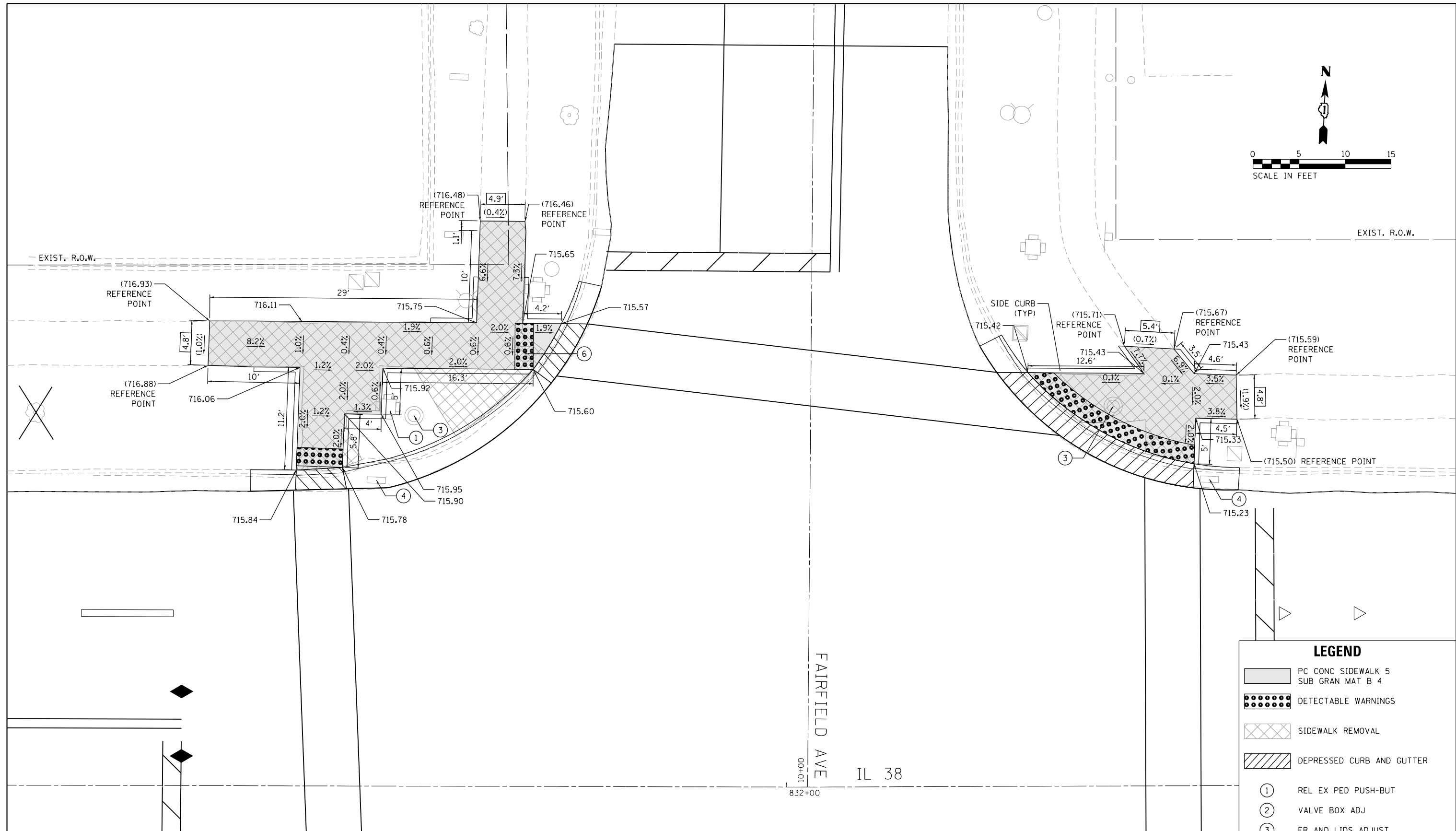
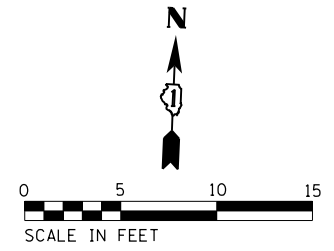
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
SOUTHWEST CORNER	280.5	11	51	277
SOUTHEAST CORNER	259.0	10	16	185

FILE NAME =	USER NAME = rg	DESIGNED - MS	REVISED -
FILEL		DRAWN - MS	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED - JH / RAG	REVISED -
MODELNAME	PLOT DATE = 1/22/2018	DATE - 08/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY DETAILS			
IL 38 AT HIGHLAND AVE			
SCALE: 1" = 5'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	20
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



LEGEND	
	PC CONC SIDEWALK 5 SUB GRAN MAT B 4
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
①	REL EX PED PUSH-BUT
②	VALVE BOX ADJ
③	FR AND LIDS ADJUST
④	FR AND GRATES ADJUST
⑤	GAS VALVE ADJUSTED (BY OTHERS)
⑥	REBLD EX HANDHOLE
⑦	REBLD EX HANDHOLE SPL

IL 38 AND FAIRFIELD AVE				
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
NORTHWEST CORNER	346.5	20	45	354
NORTHEAST CORNER	166.0	38	32	138

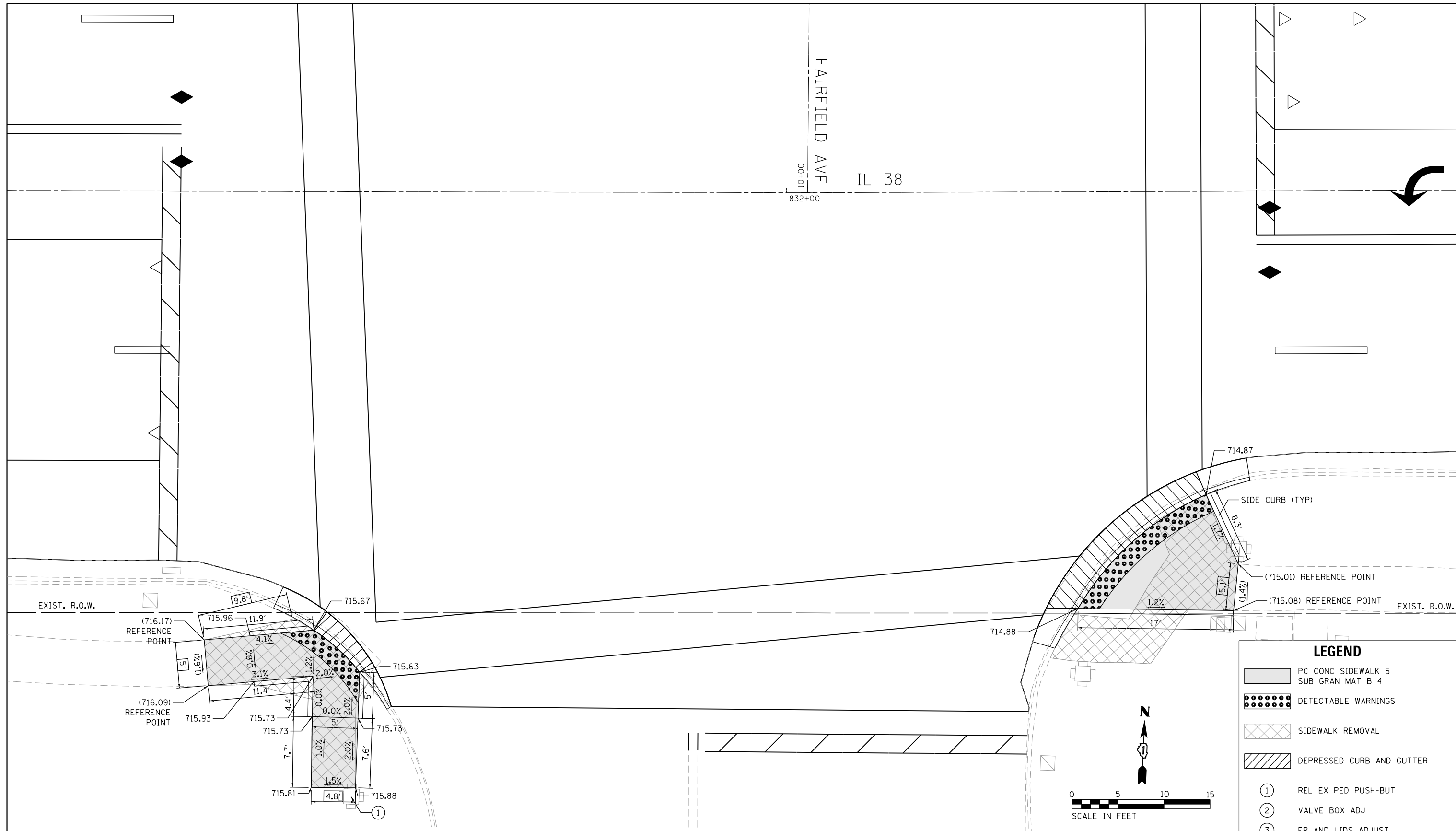
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#MODELNAME#	PLOT DATE = 1/22/2018	DATE - 08/14/2017	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 38 AT FAIRFIELD AVE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-R5-5	DUPAGE	53	22
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



IL 38 AND FAIRFIELD AVE				
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
SOUTHWEST CORNER	143.5	18	17	151
SOUTHEAST CORNER	148.0	36	29	153

LEGEND	
	PC CONC SIDEWALK 5 SUB GRAN MAT B 4
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
①	REL EX PED PUSH-BUT
②	VALVE BOX ADJ
③	FR AND LIDS ADJUST
④	FR AND GRATES ADJUST
⑤	GAS VALVE ADJUSTED (BY OTHERS)
⑥	REBLD EX HANDHOLE
⑦	REBLD EX HANDHOLE SPL

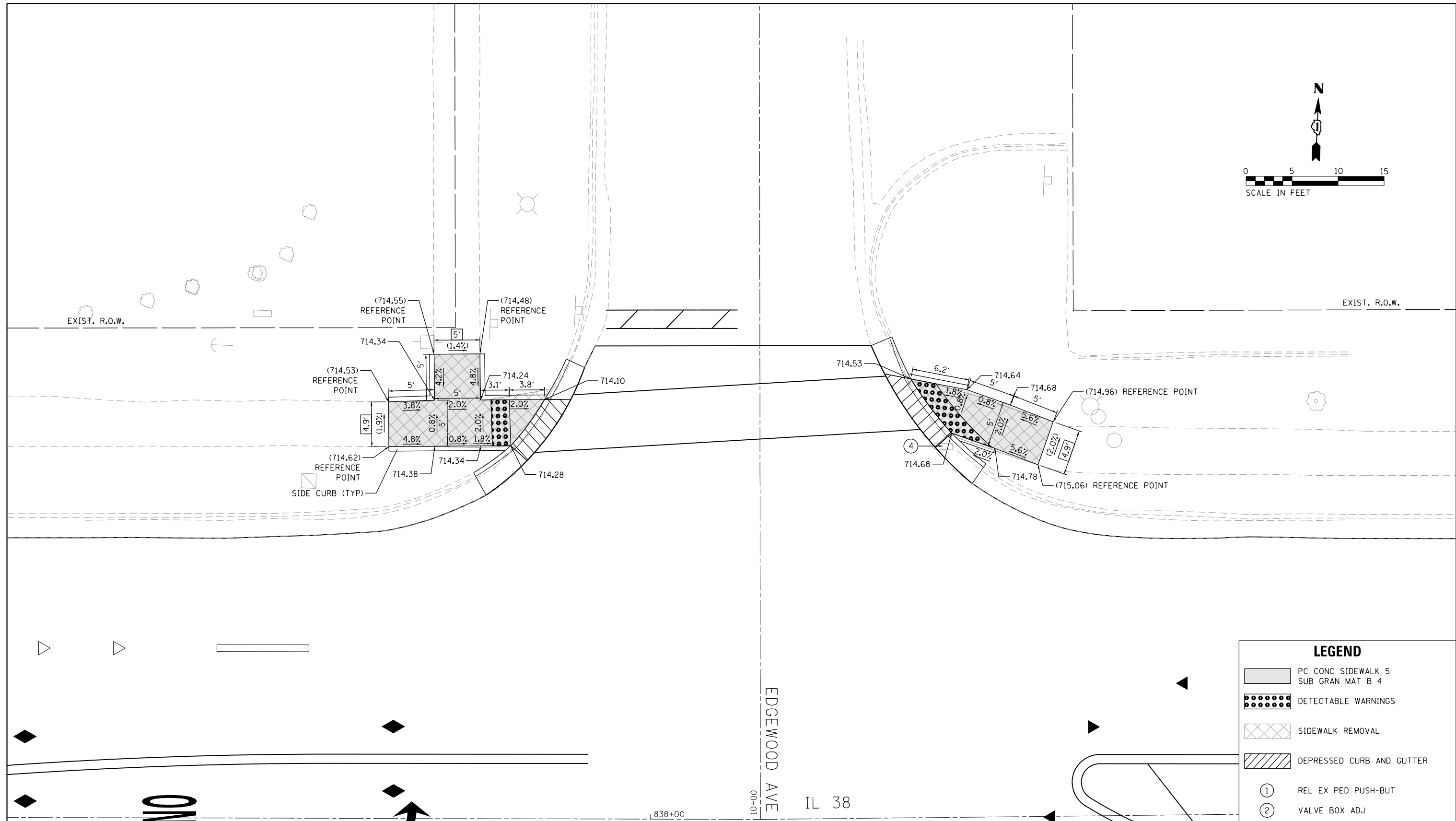
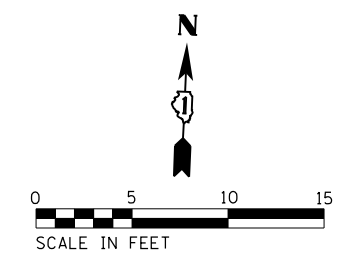
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 38 AT FAIRFIELD AVE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-R5-5	DUPAGE	53	23
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5
SUB GRAN MAT B 4
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① REL EX PED PUSH-BUT
- ② VALVE BOX ADJ
- ③ FR AND LIDS ADJUST
- ④ FR AND GRATES ADJUST
- ⑤ GAS VALVE ADJUSTED (BY OTHERS)
- ⑥ REBLD EX HANDHOLE
- ⑦ REBLD EX HANDHOLE SPL

IL 38 AND EDGEWOOD AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
NORTHWEST CORNER	118.0	10	17	104
NORTHEAST CORNER	71.5	16	18	64

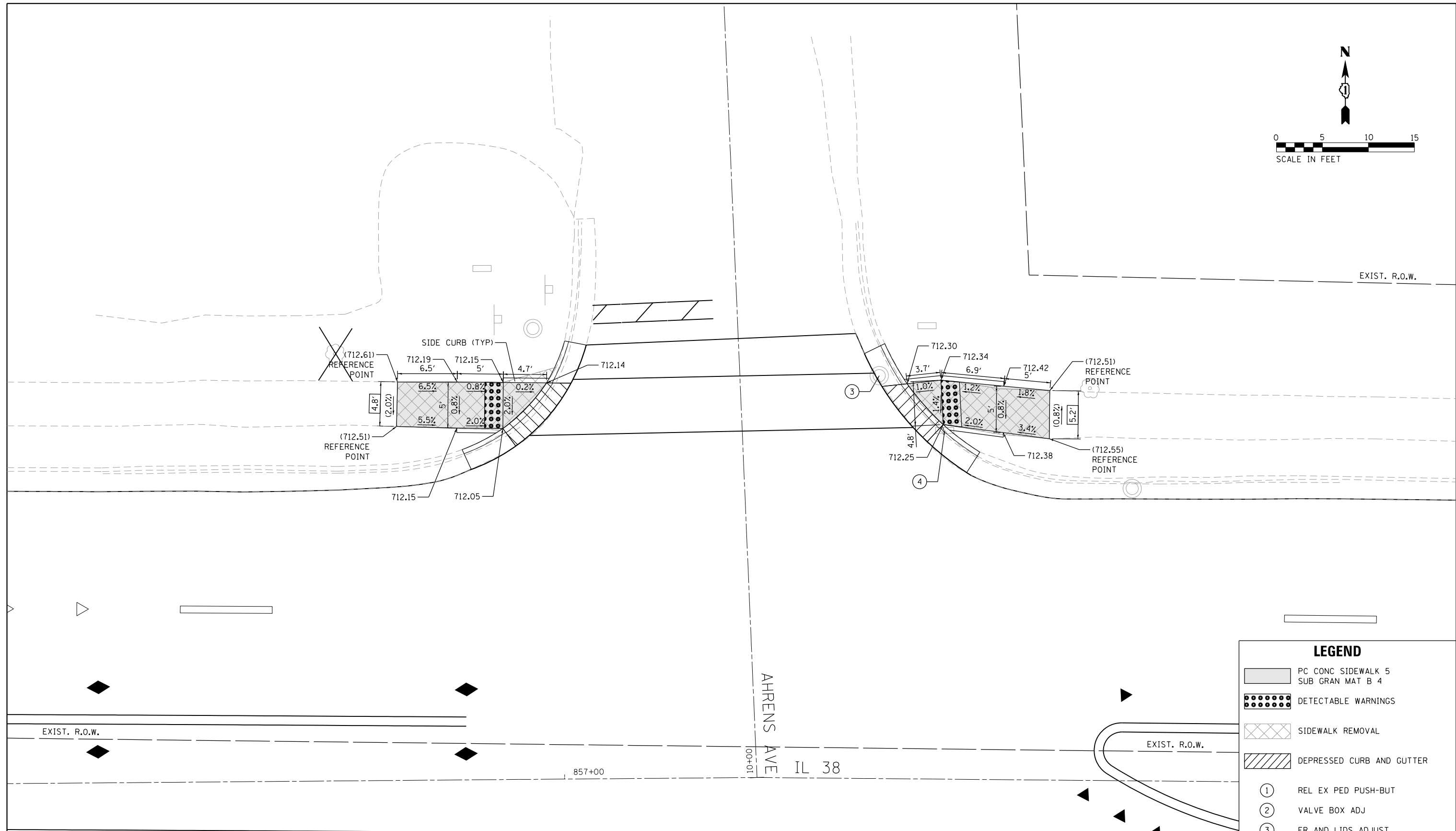
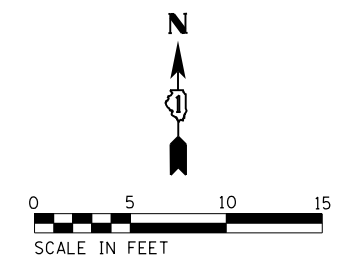
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#MODELNAME#	PLOT DATE = 1/22/2018	DATE - 08/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 38 AT EDGEWOOD AVE**

SCALE: 1" = 5'	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-R5-5	DUPAGE	53	24
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5
SUB GRAN MAT B 4
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① REL EX PED PUSH-BUT
- ② VALVE BOX ADJ
- ③ FR AND LIDS ADJUST
- ④ FR AND GRATES ADJUST
- ⑤ GAS VALVE ADJUSTED (BY OTHERS)
- ⑥ REBLD EX HANDHOLE
- ⑦ REBLD EX HANDHOLE SPL

IL 38 AND AHRENS AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
NORTHWEST CORNER	75.0	10	17	74
NORTHEAST CORNER	76.5	10	16	68

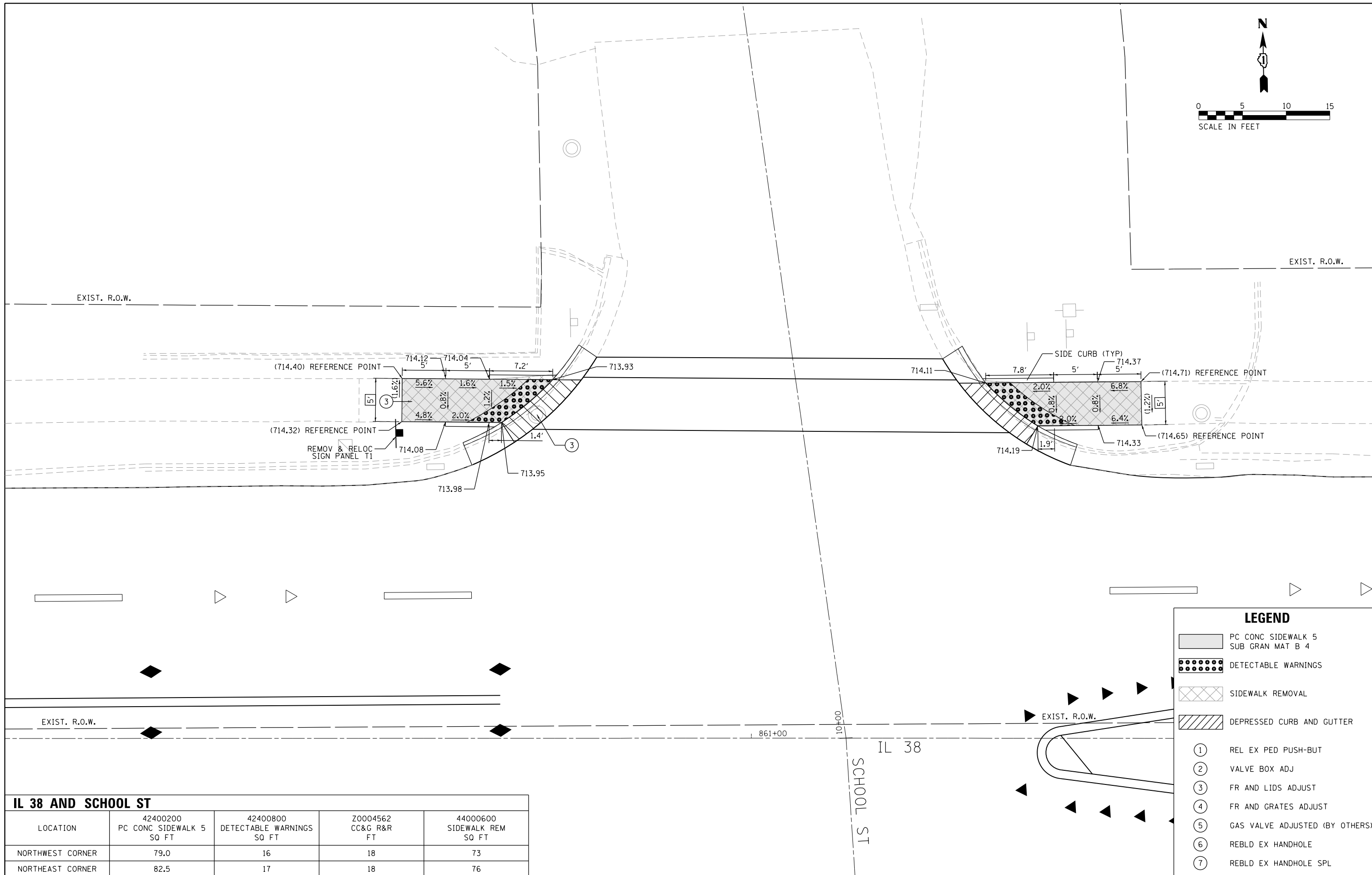
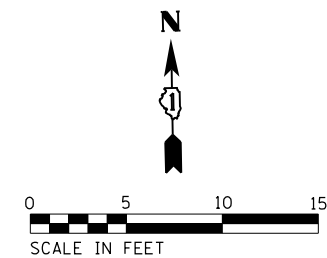
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MODELNAME	PLOT DATE = 1/22/2018	DATE - 08/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 38 AT AHRENS AVE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-R5-5	DUPAGE	53	25
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



LEGEND

	PC CONC SIDEWALK 5 SUB GRAN MAT B 4
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
①	REL EX PED PUSH-BUT
②	VALVE BOX ADJ
③	FR AND LIDS ADJUST
④	FR AND GRATES ADJUST
⑤	GAS VALVE ADJUSTED (BY OTHERS)
⑥	REBLD EX HANDHOLE
⑦	REBLD EX HANDHOLE SPL

IL 38 AND SCHOOL ST

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
NORTHWEST CORNER	79.0	16	18	73
NORTHEAST CORNER	82.5	17	18	76

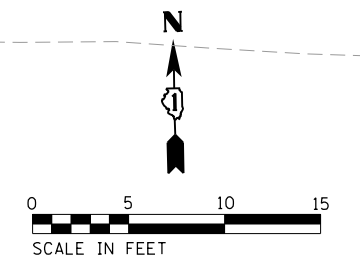
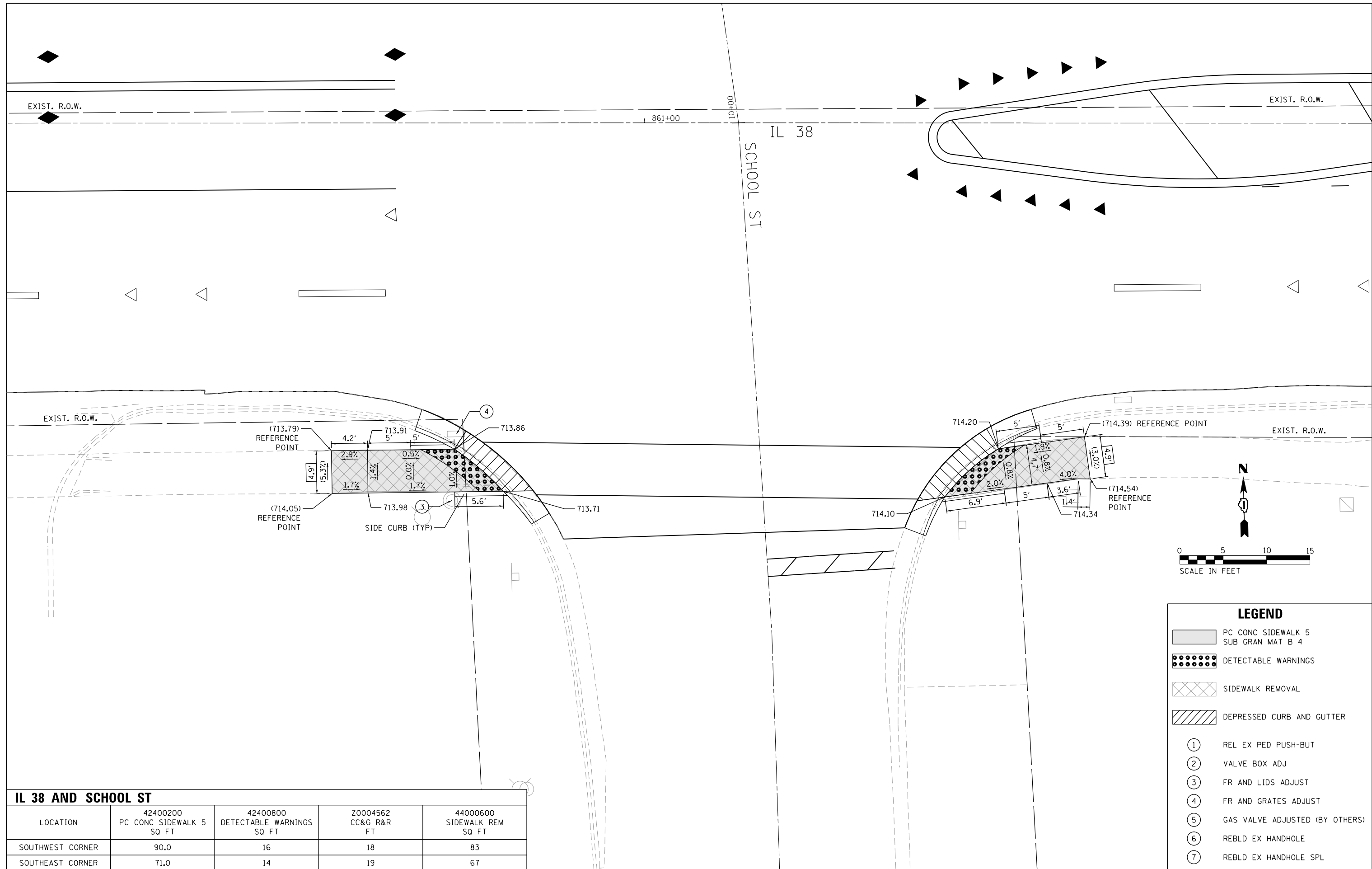
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MODELNAME	PLOT DATE = 1/22/2018	DATE - 08/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 38 AT SCHOOL ST**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-R5-5	DUPAGE	53	26
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5
SUB GRAN MAT B 4
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① REL EX PED PUSH-BUT
- ② VALVE BOX ADJ
- ③ FR AND LIDS ADJUST
- ④ FR AND GRATES ADJUST
- ⑤ GAS VALVE ADJUSTED (BY OTHERS)
- ⑥ REBLD EX HANDHOLE
- ⑦ REBLD EX HANDHOLE SPL

IL 38 AND SCHOOL ST

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
SOUTHWEST CORNER	90.0	16	18	83
SOUTHEAST CORNER	71.0	14	19	67

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









**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

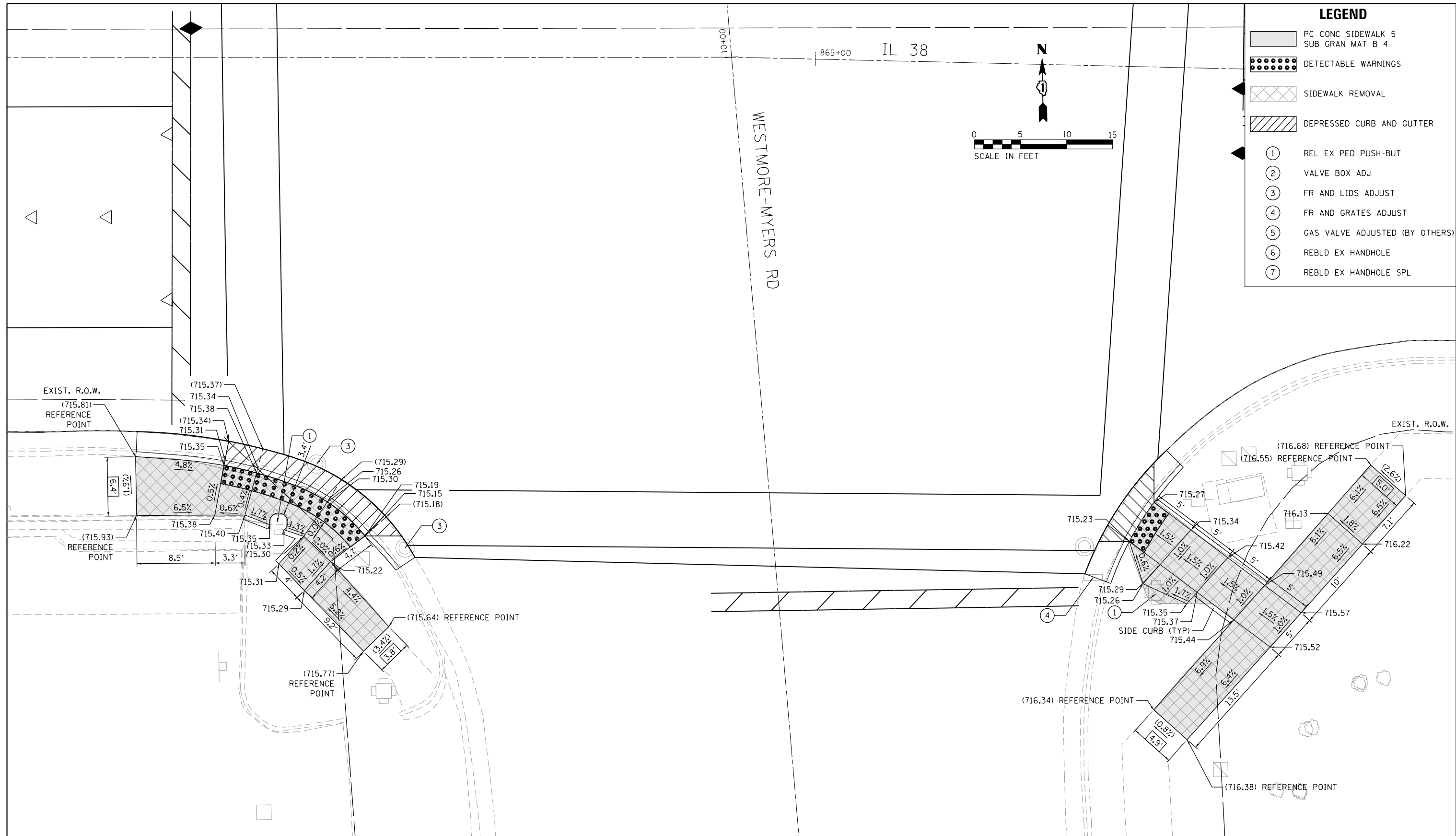
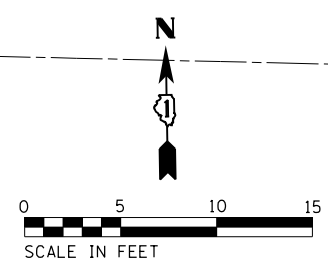
**ROADWAY DETAILS
IL 38 AT SCHOOL ST**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-R5-5	DUPAGE	53	27
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				

LEGEND

-  PC CONC SIDEWALK 5
SUB GRAN MAT B 4
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL
-  DEPRESSED CURB AND GUTTER
-  ① REL EX PED PUSH-BUT
-  ② VALVE BOX ADJ
-  ③ FR AND LIDS ADJUST
-  ④ FR AND GRATES ADJUST
-  ⑤ GAS VALVE ADJUSTED (BY OTHERS)
-  ⑥ REBLD EX HANDHOLE
-  ⑦ REBLD EX HANDHOLE SPL



IL 38 AND WESTMORE-MEYERS RD				
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
SOUTHWEST CORNER	186.5	34	33	180
SOUTHEAST CORNER	276.5	10	15	275

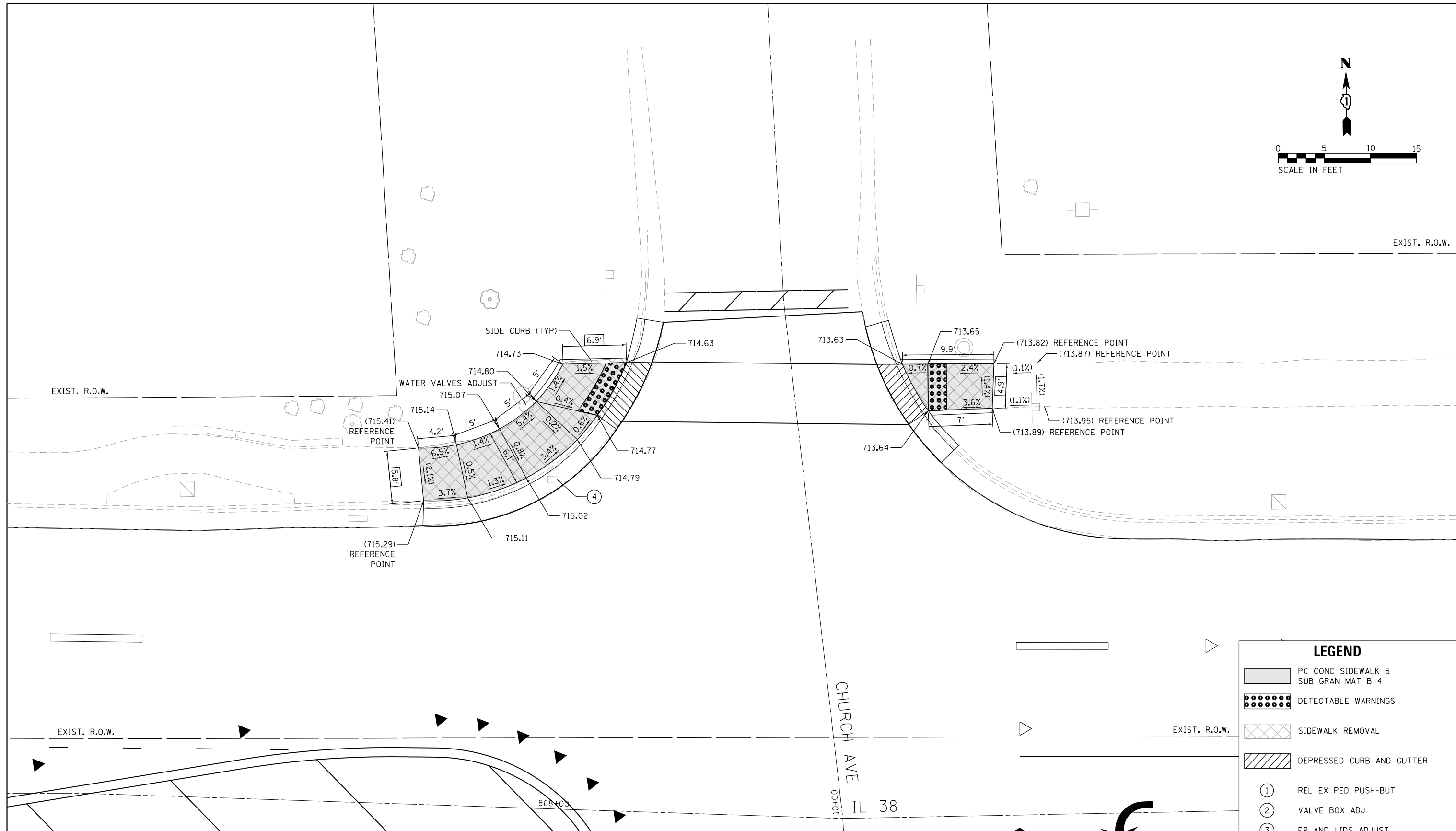
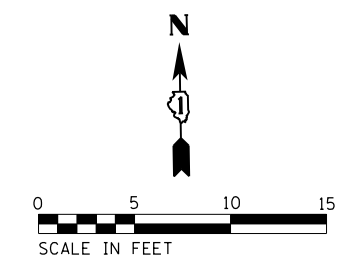
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 38 AT WESTMORE-MEYERS RD**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-R5-5	DUPAGE	53	29
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5
SUB GRAN MAT B 4
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① REL EX PED PUSH-BUT
- ② VALVE BOX ADJ
- ③ FR AND LIDS ADJUST
- ④ FR AND GRATES ADJUST
- ⑤ GAS VALVE ADJUSTED (BY OTHERS)
- ⑥ REBLD EX HANDHOLE
- ⑦ REBLD EX HANDHOLE SPL

IL 38 AND CHURCH AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
NORTHWEST CORNER	150.0	13	35	146
NORTHEAST CORNER	51.0	10	16	42

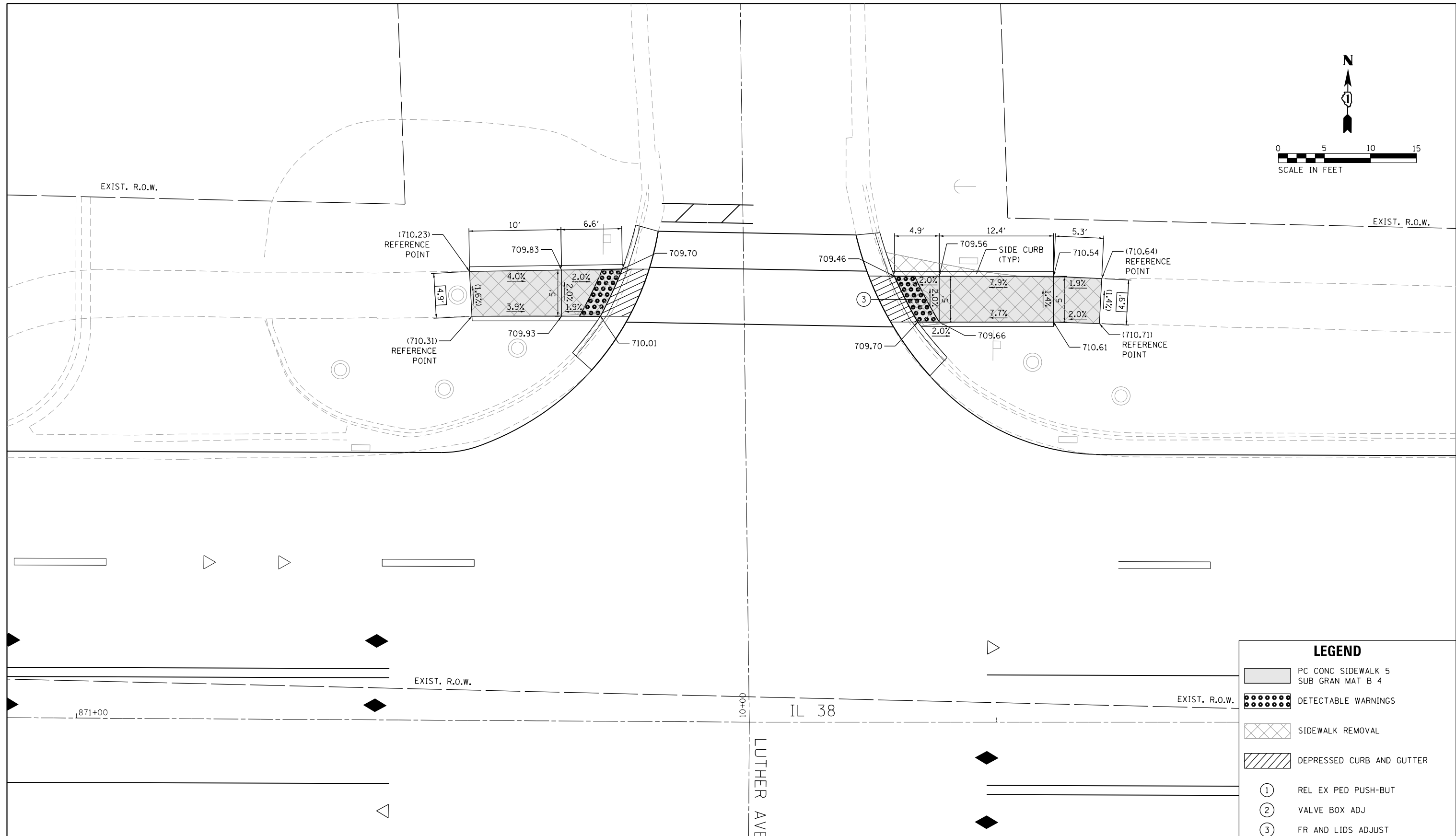
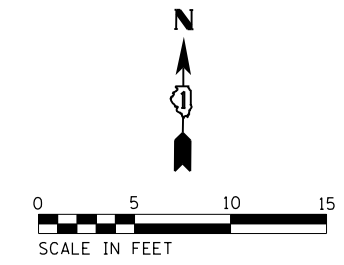
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MODELNAME	PLOT DATE = 1/22/2018	DATE - 08/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 38 AT CHURCH AVE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-R5-5	DUPAGE	53	30
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5
SUB GRAN MAT B 4
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① REL EX PED PUSH-BUT
- ② VALVE BOX ADJ
- ③ FR AND LIDS ADJUST
- ④ FR AND GRATES ADJUST
- ⑤ GAS VALVE ADJUSTED (BY OTHERS)
- ⑥ REBLD EX HANDHOLE
- ⑦ REBLD EX HANDHOLE SPL

IL 38 AND LUTHER AVE				
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
NORTHWEST CORNER	92.0	11	16	75
NORTHEAST CORNER	121.0	11	16	122

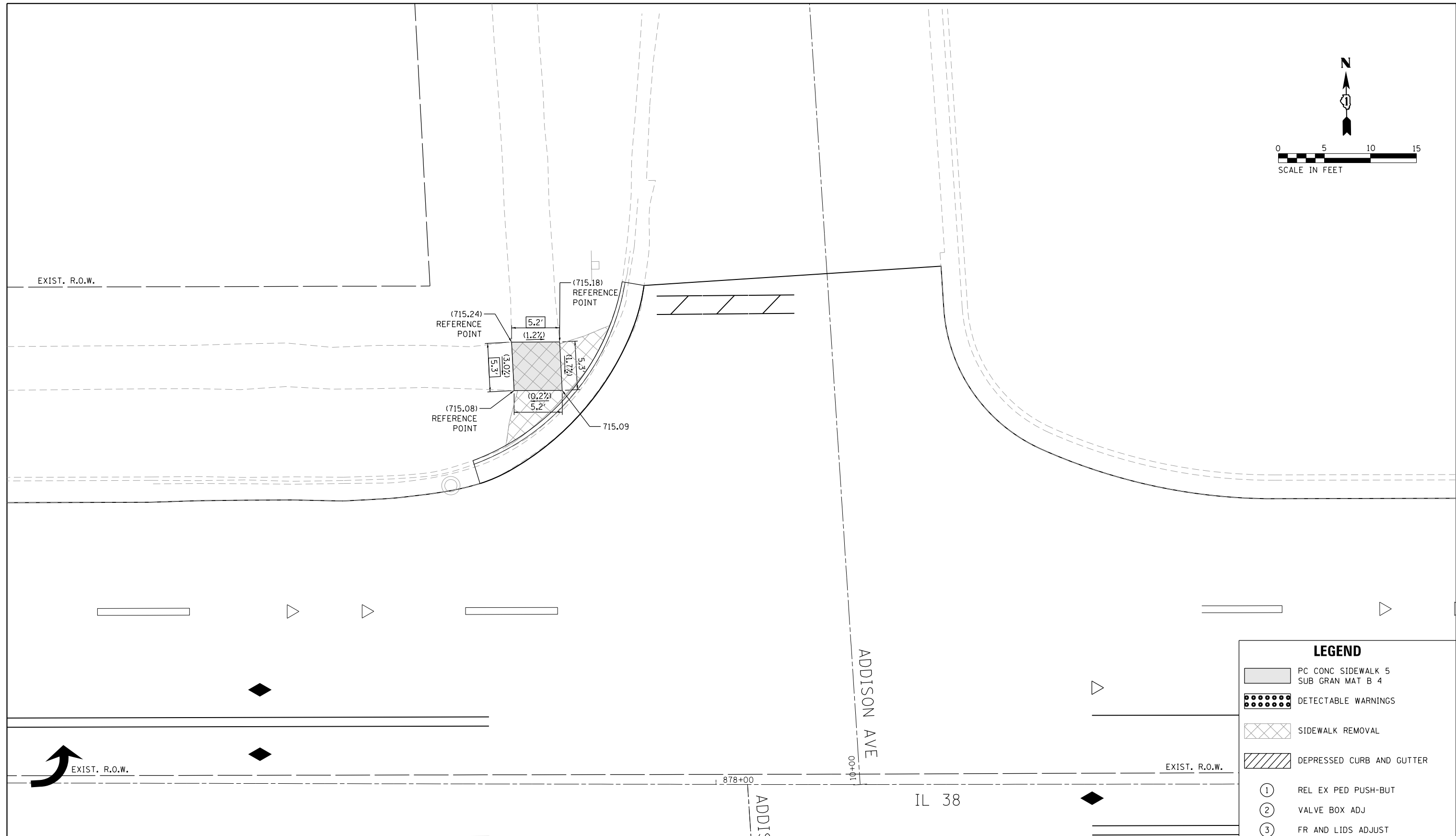
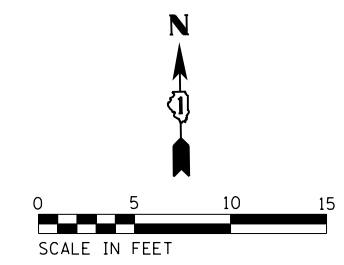
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MODELNAME	PLOT DATE = 1/22/2018	DATE - 08/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 38 AT LUTHER AVE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-R5-5	DUPAGE	53	31
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5
SUB GRAN MAT B 4
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① REL EX PED PUSH-BUT
- ② VALVE BOX ADJ
- ③ FR AND LIDS ADJUST
- ④ FR AND GRATES ADJUST
- ⑤ GAS VALVE ADJUSTED (BY OTHERS)
- ⑥ REBLD EX HANDHOLE
- ⑦ REBLD EX HANDHOLE SPL

IL 38 AND ADDISON AVE				
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
NORTHWEST CORNER	27.5	0	27	67

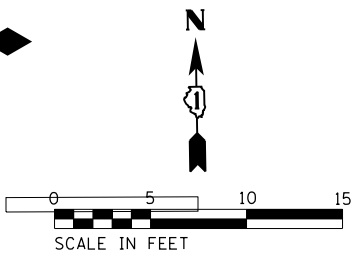
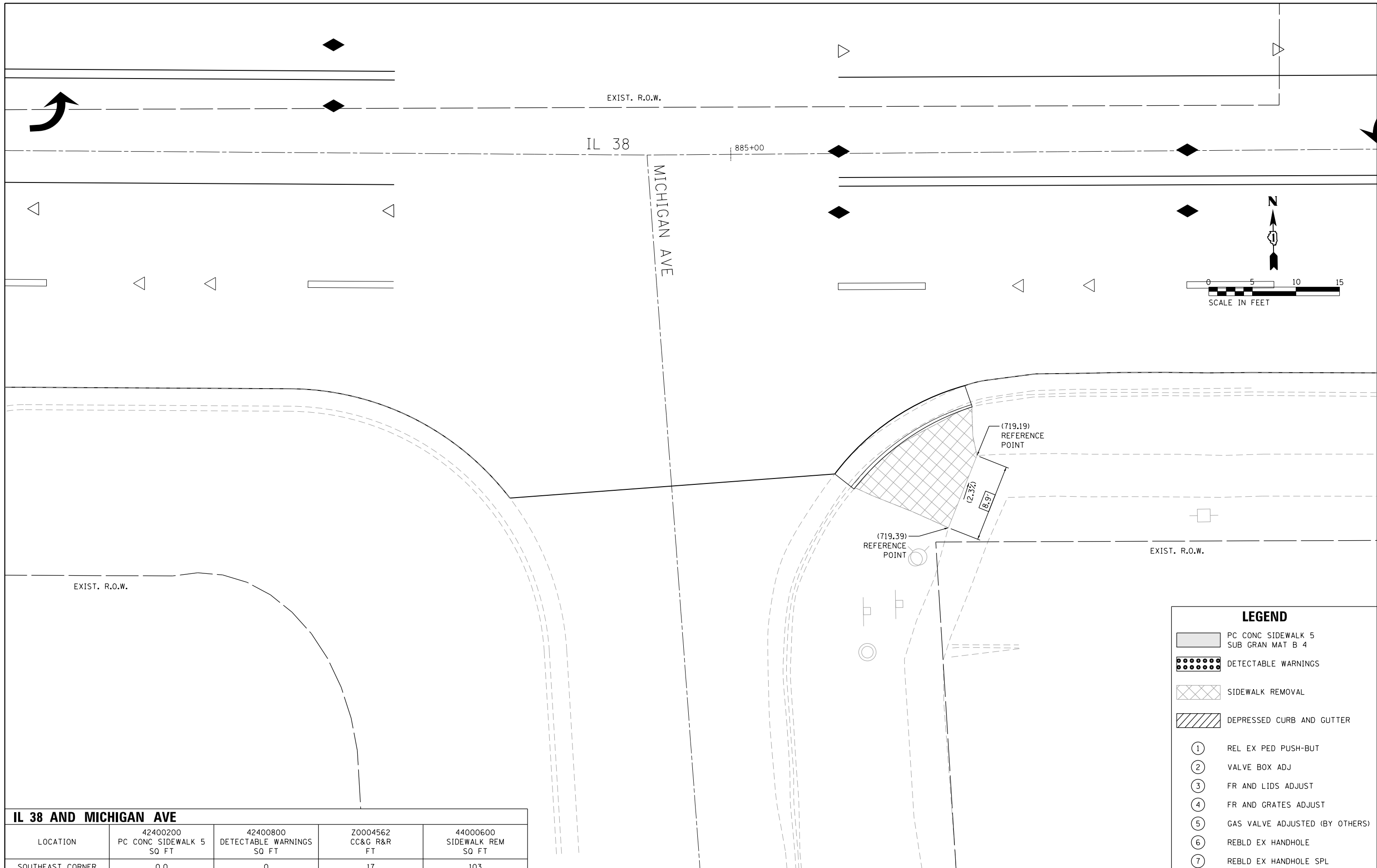
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MODELNAME	PLOT DATE = 1/22/2018	DATE - 08/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
IL 38 AT ADDISON AVE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-R5-5	DUPAGE	53	32
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5
SUB GRAN MAT B 4
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- REL EX PED PUSH-BUT
- VALVE BOX ADJ
- FR AND LIDS ADJUST
- FR AND GRATES ADJUST
- GAS VALVE ADJUSTED (BY OTHERS)
- REBLD EX HANDHOLE
- REBLD EX HANDHOLE SPL

IL 38 AND MICHIGAN AVE				
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 CC&G R&R FT	44000600 SIDEWALK REM SQ FT
SOUTHEAST CORNER	0.0	0	17	103

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

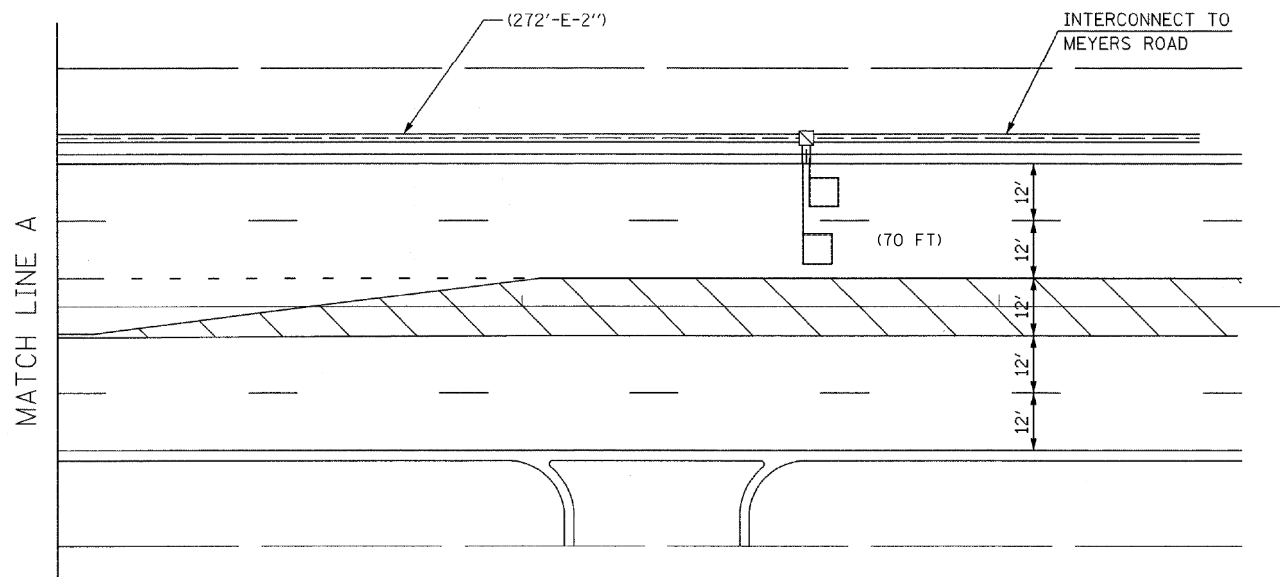
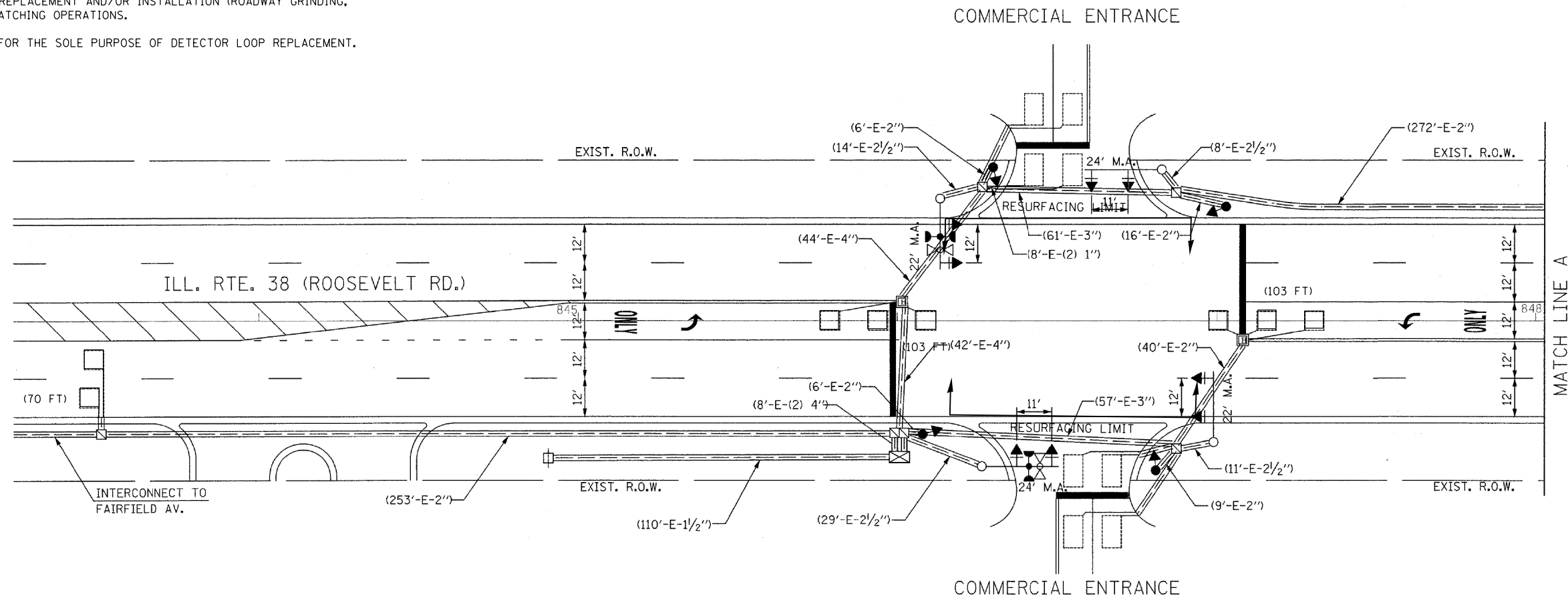
**ROADWAY DETAILS
IL 38 AT MICHIGAN AVE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-R5-5	DUPAGE	53	33
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



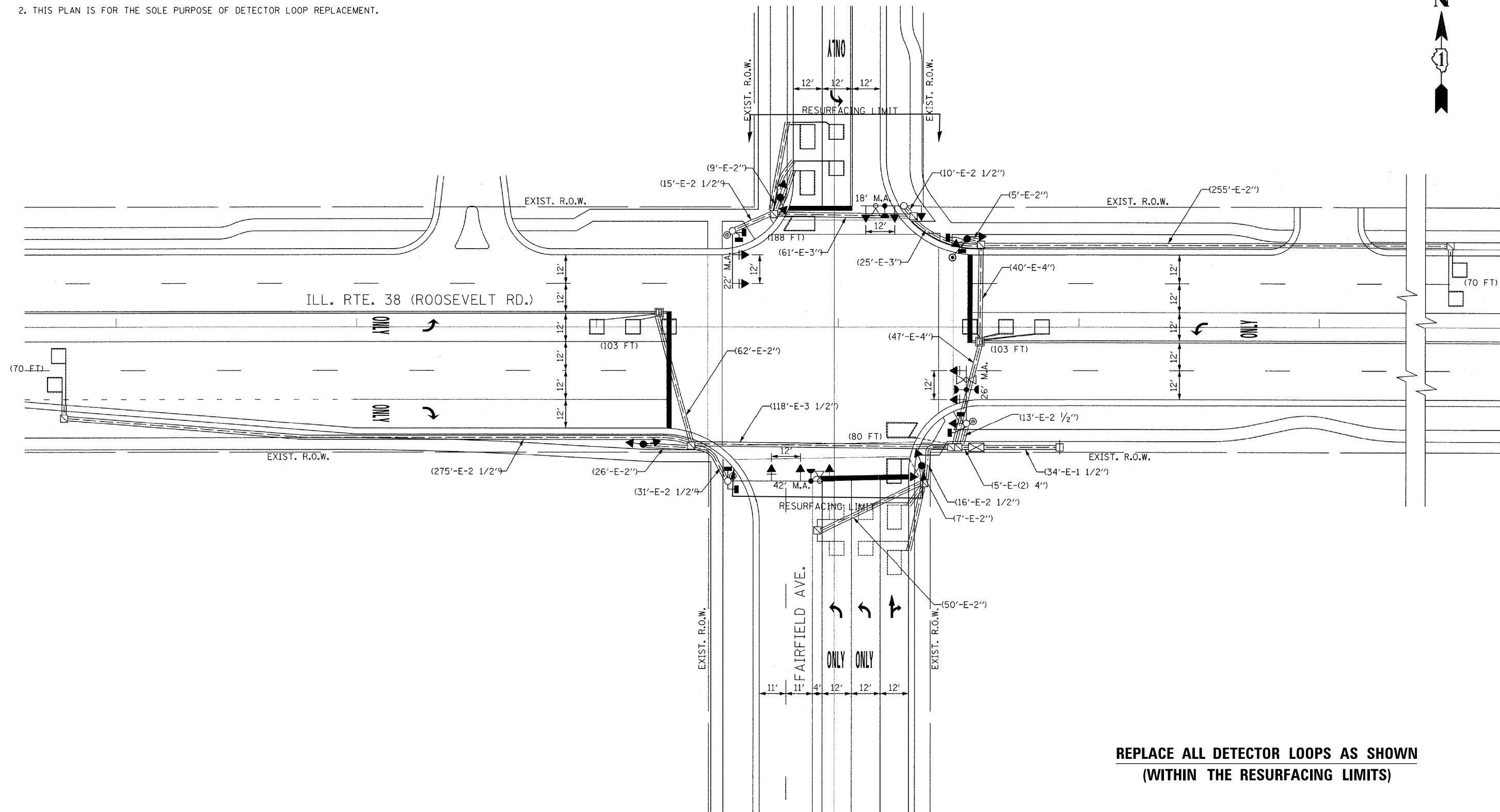
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	346	FOOT

FILE NAME =	USER NAME = curryja	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL 38 AT COMM. ENTR.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\WP\Design\JC\Detector Loop Details\2016\62C67\DetectorLoopReplacementSheet.Blank.DRAWING.dgn		CHECKED - ---	REVISED - ---			347	CY-RS-5	DUPAGE	53	34	
PLOT SCALE = 40.0000' / in.		DATE - ---	REVISED - ---			CONTRACT NO. 62C67					
Default						ILLINOIS FED. AID PROJECT					

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	614	FOOT

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	PLOT DATE = 6/19/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

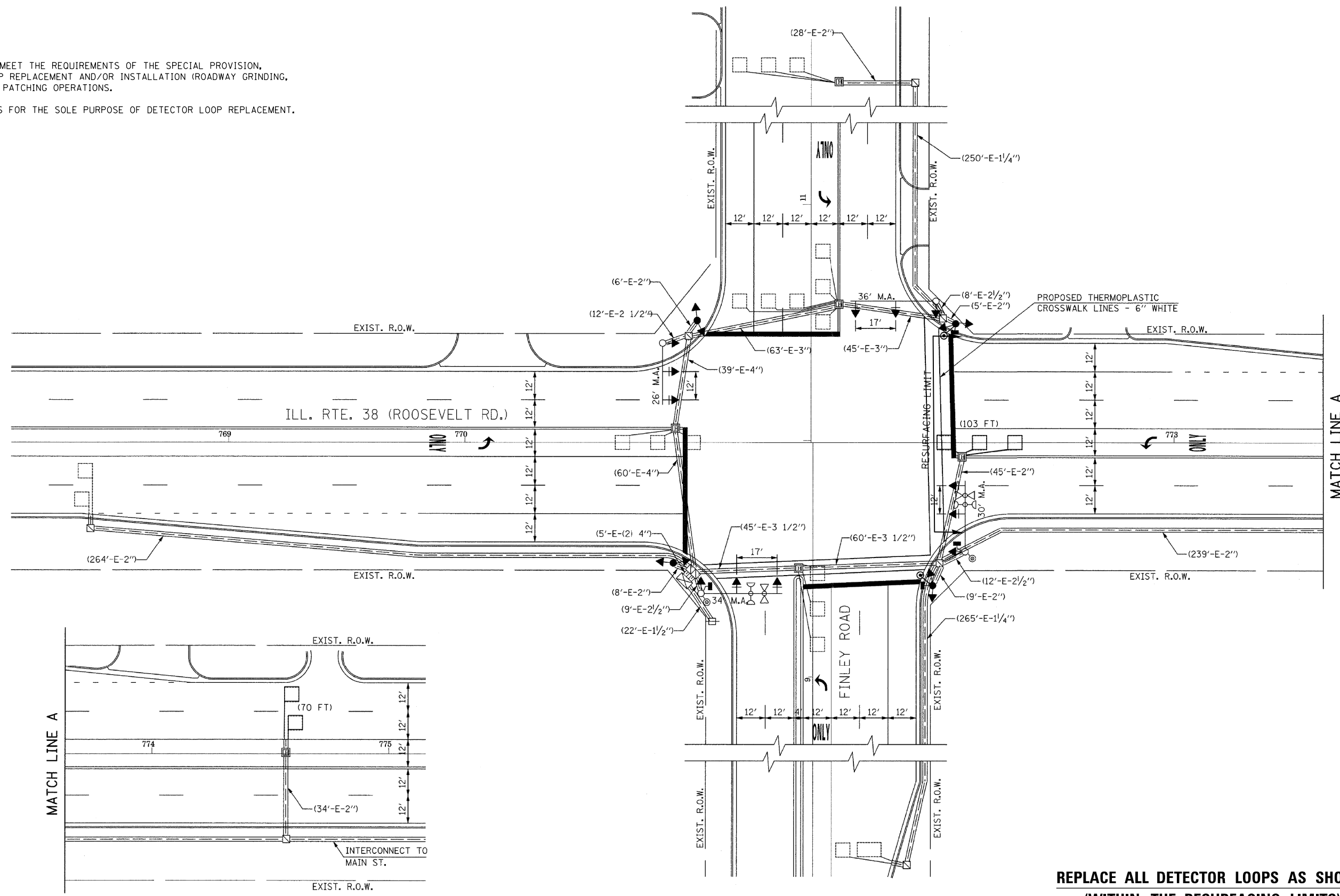
**DETECTOR LOOP REPLACEMENT PLAN
IL 38 AT FAIRFIELD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	35
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



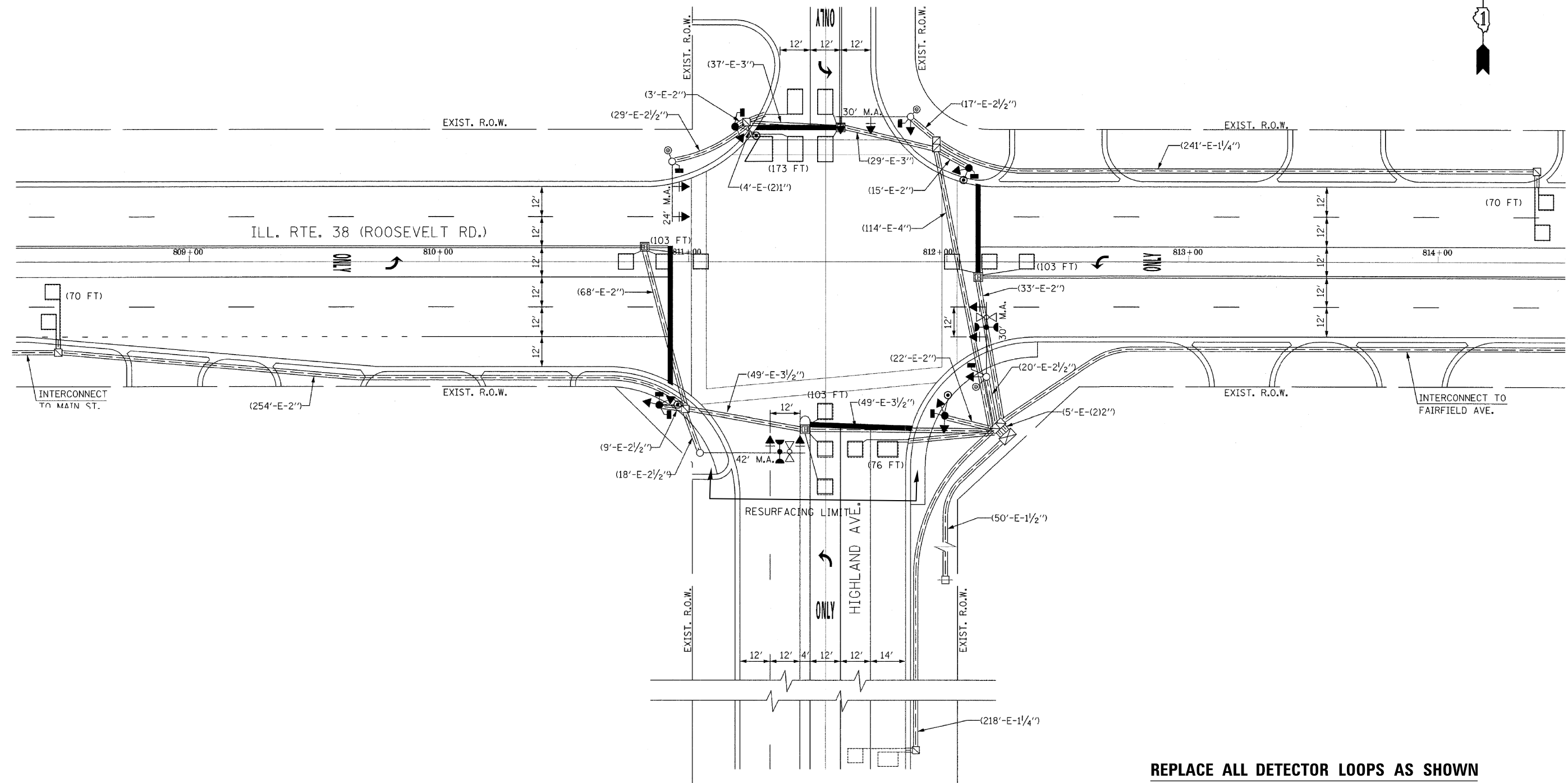
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	173	FOOT

FILE NAME =	USER NAME = curryja	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL 38 AT FINLEY RD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\JC\Detector Loop Details\2016\62C67\DetectorLoopReplacementSheet.Blank.DRAWN16.dgn	DRWN16.dgn	---	---			347	CY-RS-5	DUPAGE	53	36
PLOT SCALE = 40.0000' / in.	CHECKED - ---	---	---			CONTRACT NO. 62C67				
Default	DATE - ---	---	---			ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	698	FOOT

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

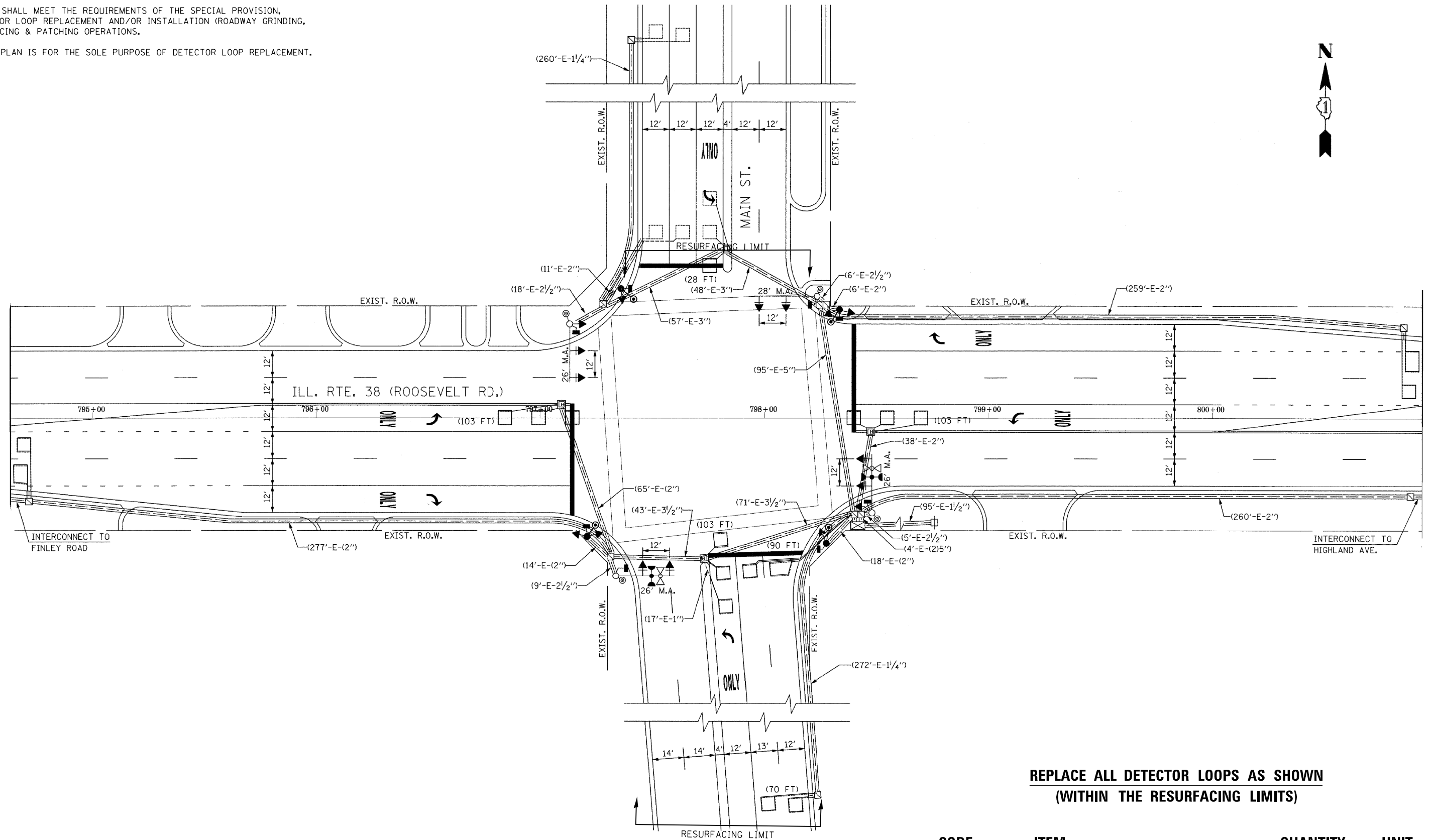
**DETECTOR LOOP REPLACEMENT PLAN
ILL 38 AT HIGHLAND AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	37
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	637	FOOT

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

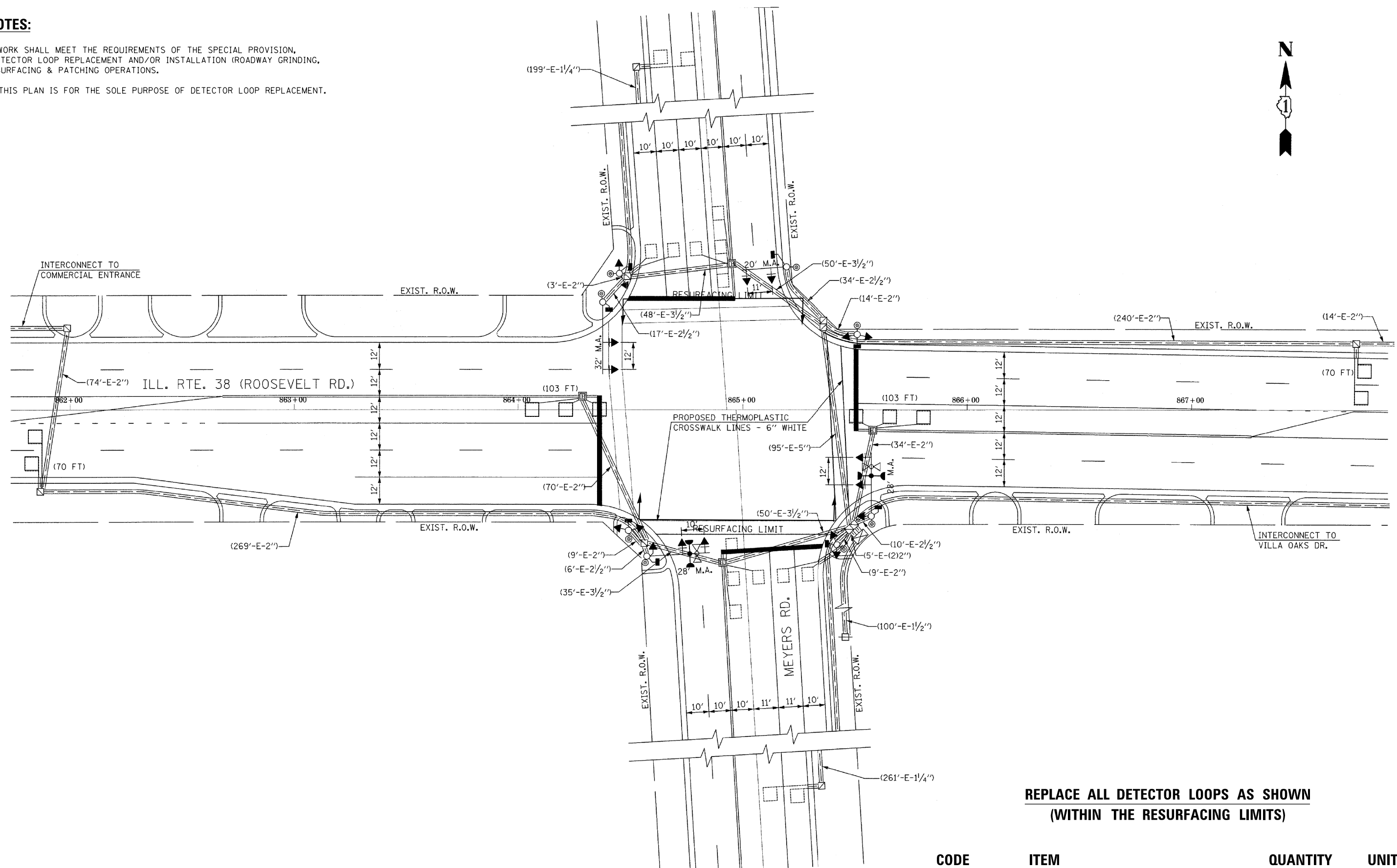
**DETECTOR LOOP REPLACEMENT PLAN
IL 38 AT MAIN ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	38
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	346	FOOT

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

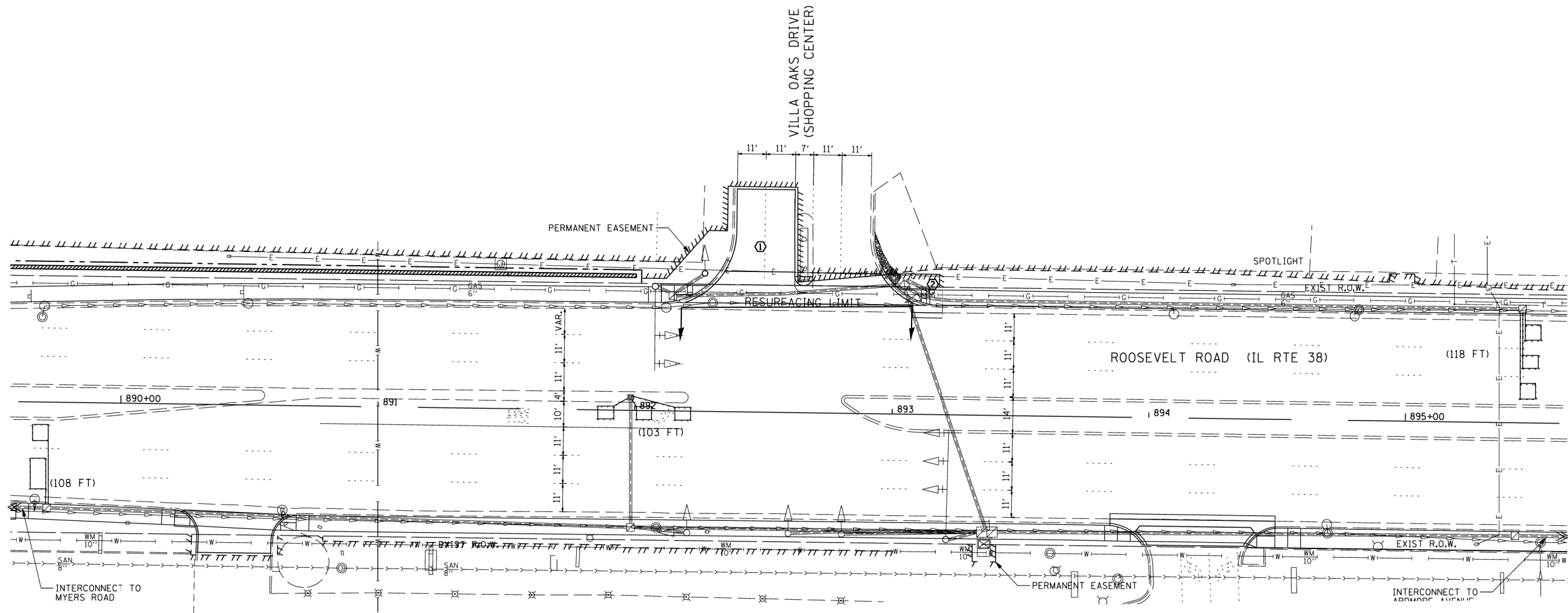
**DETECTOR LOOP REPLACEMENT PLAN
IL 38 AT WESTMORE-MEYERS RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	39
CONTRACT NO. 62C67				
ILLINOIS FED. AID PROJECT				

NOTES:

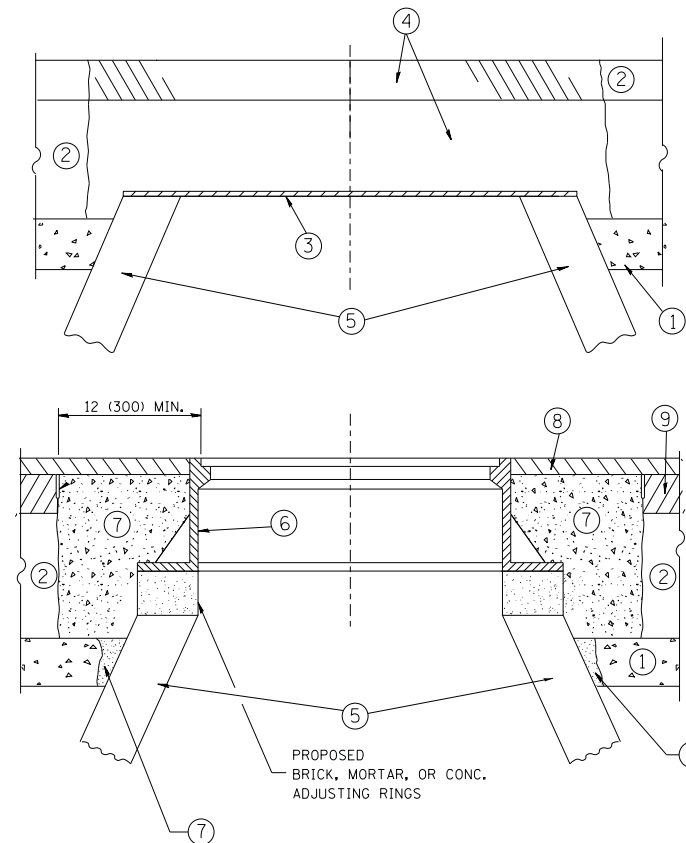
1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	329	FOOT

FILE NAME =	USER NAME = curryja	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL 38 AT VILLA OAKS SHOPPING CENTER	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLLOT DATE = 11/17/2016	DATE - ---	REVISED - ---			CONTRACT NO. 62C67					
						ILLINOIS FED. AID PROJECT					



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

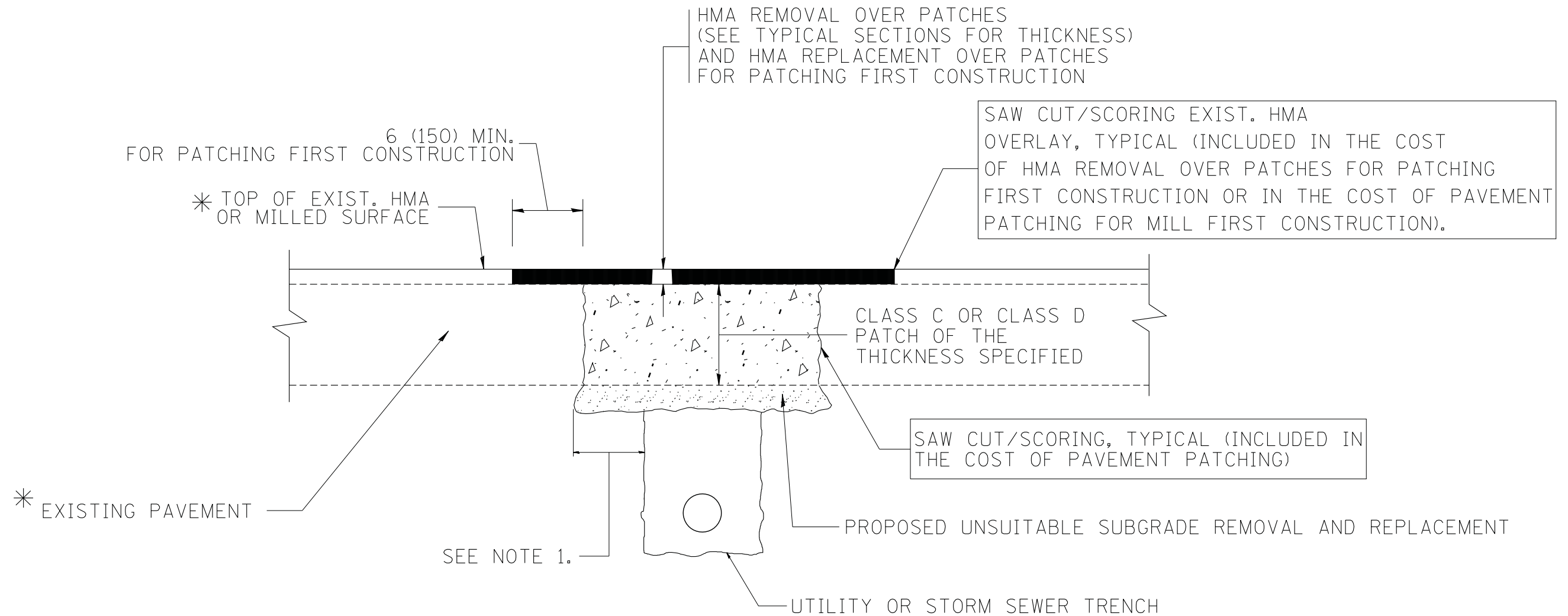
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
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	PLOT SCALE = 1/968.5000 "/ m	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	41
BD600-03 (BD-8)		CONTRACT NO. 62C67		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* 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
		DRAWN -	REVISED - R. BORO 01-01-07
		PLOT SCALE = 50.000' / IN.	REVISED - R. BORO 09-04-07
		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.P. RTE. 347	SECTION CY-RS-5	COUNTY DUPAGE	TOTAL SHEETS 53	SHEET NO. 42
BD400-04 (BD-22)			CONTRACT NO. 62C67	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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.

1/4" (5) **

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).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

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.)

* 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.

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.

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.

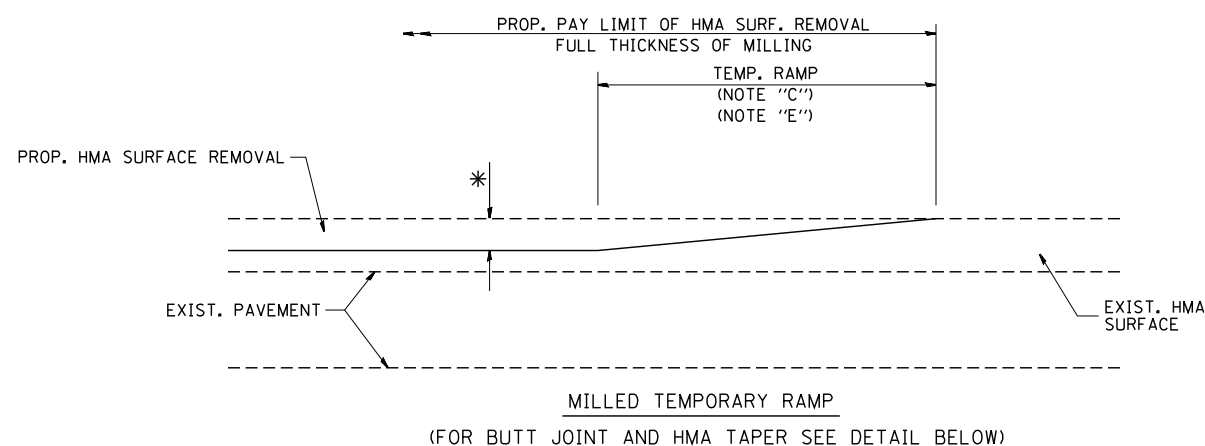
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

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".

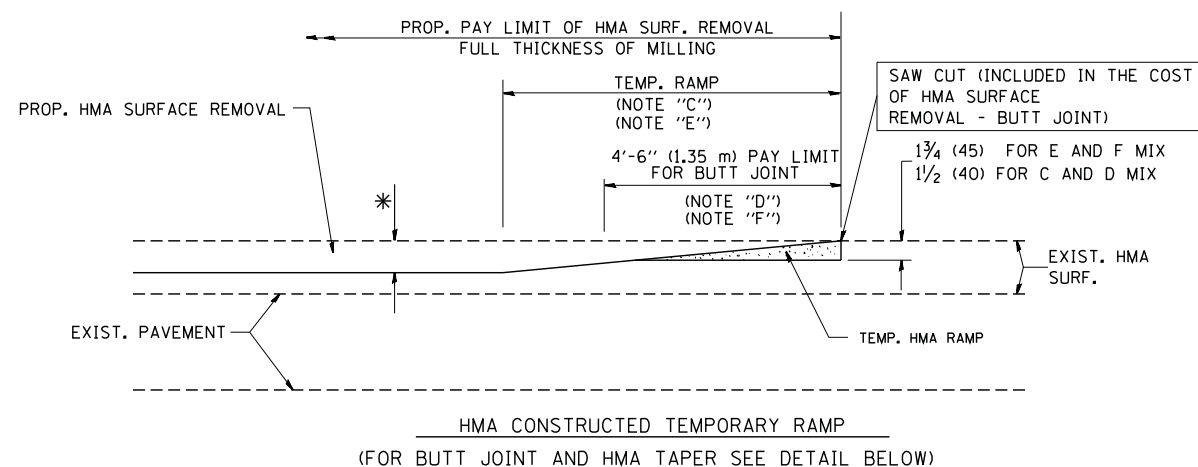
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 12-15-09				BD600-06 (BD-24)		CONTRACT NO. 62C67		
PLOT DATE = 12/15/2009	DATE - 03-11-94					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

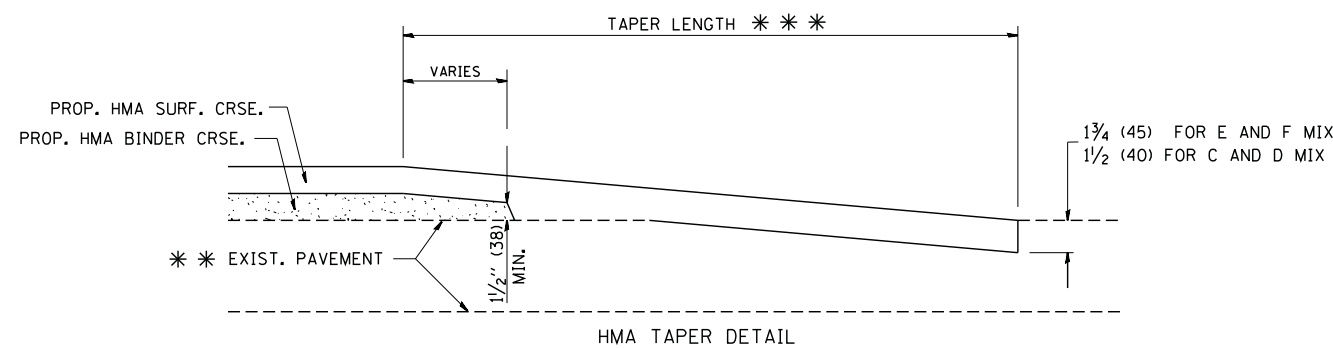
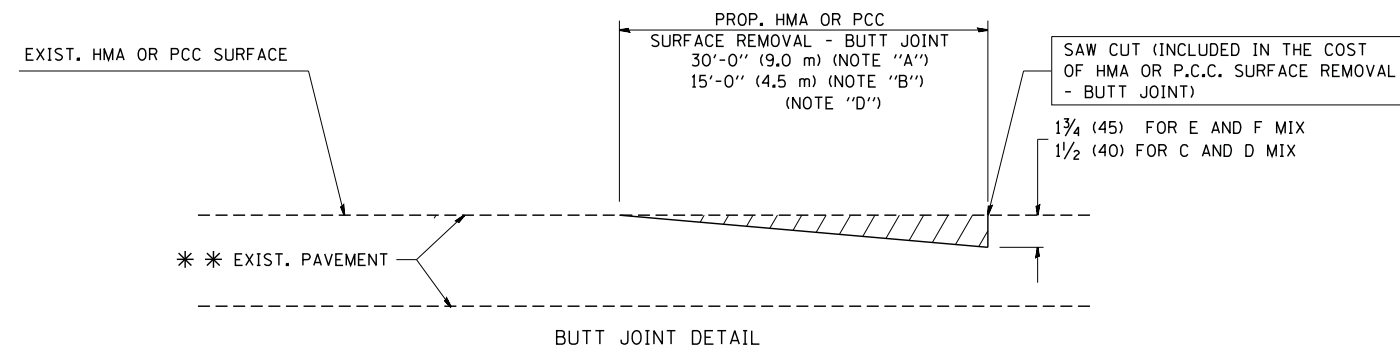


OPTION 1



OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

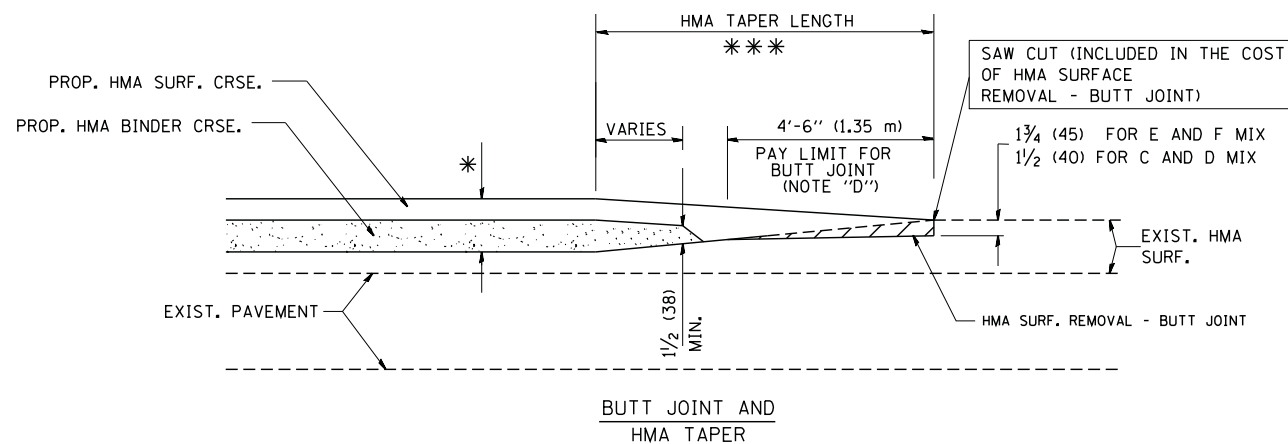
NOTES

- 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.



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

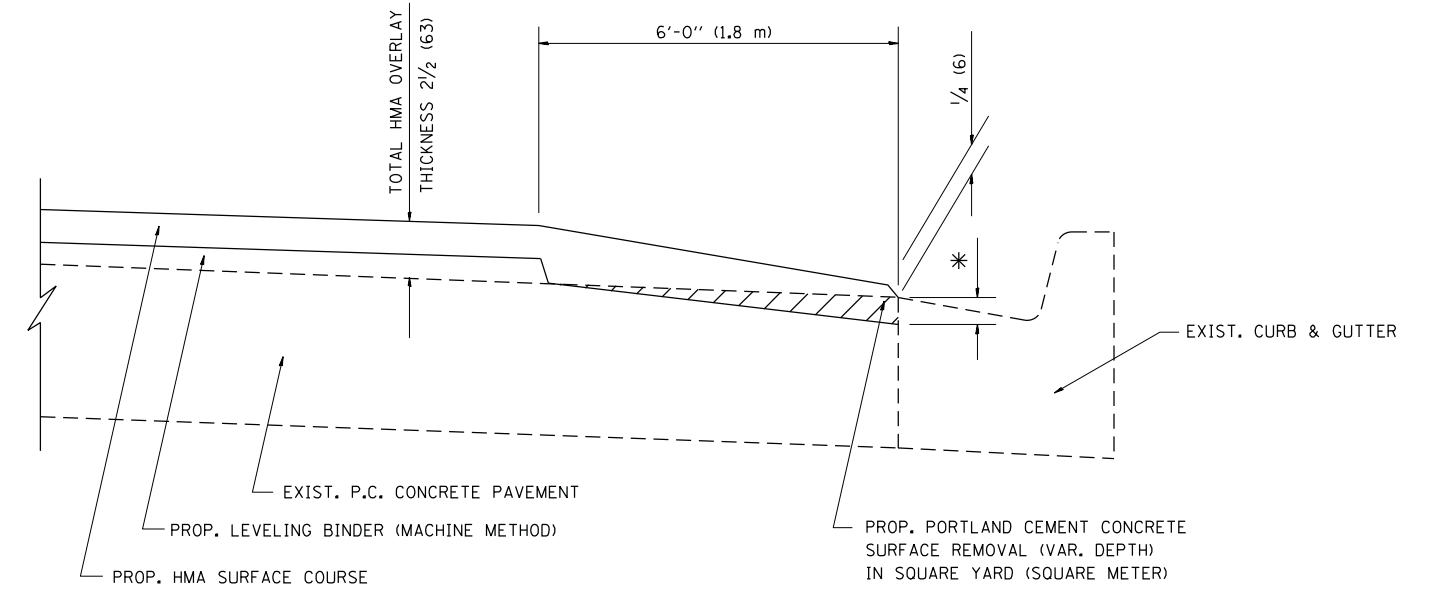
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	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	44
BD400-05 BD32		CONTRACT NO. 62C67		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



HMA TAPER AT
EDGE OF P.C.C. PAVEMENT

HMA SURFACE	THICKNESS	THICKNESS	* MILLING AT GUTTER FLAG
MIX			
C OR D	1 1/2 (38)	1 (25)	1/4 (33)
E	1 3/4 (44)	3/4 (19)	1/2 (38)

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

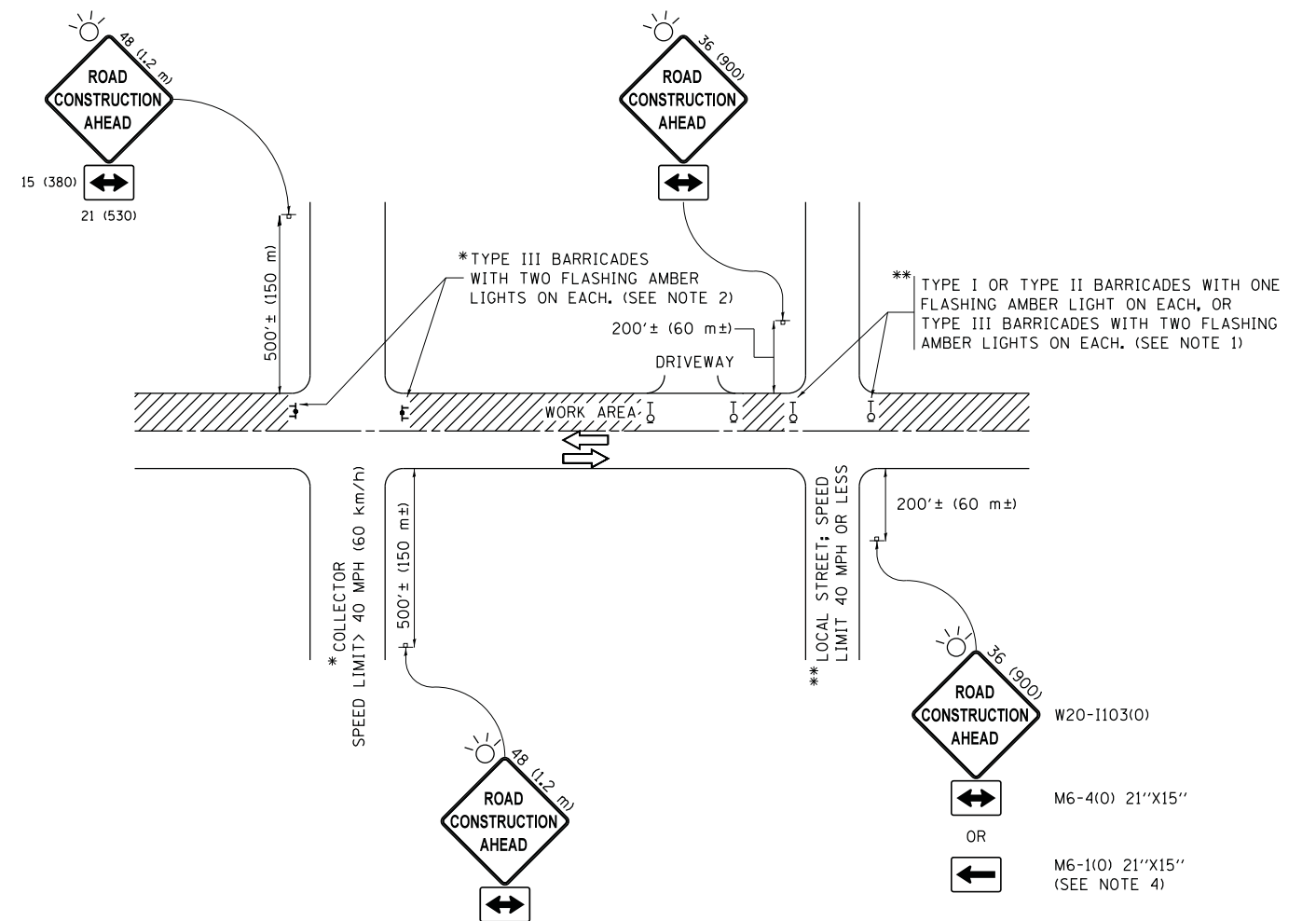
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	PLOT DATE = 7/7/2016	DATE - 09-10-94	REVISED - JP CHANG 07-08-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HMA TAPER AT
EDGE OF P.C.C. PAVEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	45
BD400-06 (BD33)		CONTRACT NO. 62C67		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

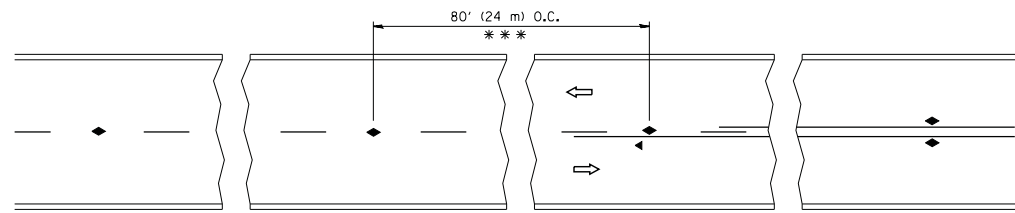
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Default	PLOT SCALE = 50.000' / in.	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

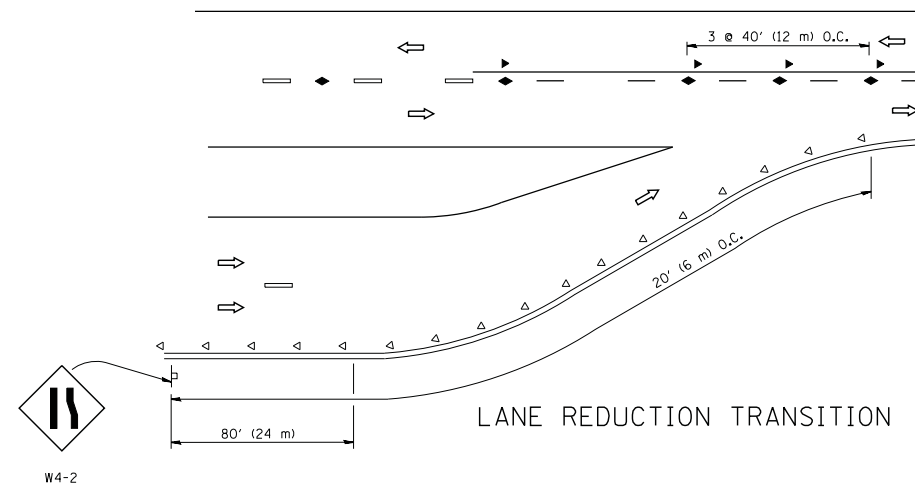
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	46
TC-10			CONTRACT NO. 62C67	
ILLINOIS FED. AID PROJECT				

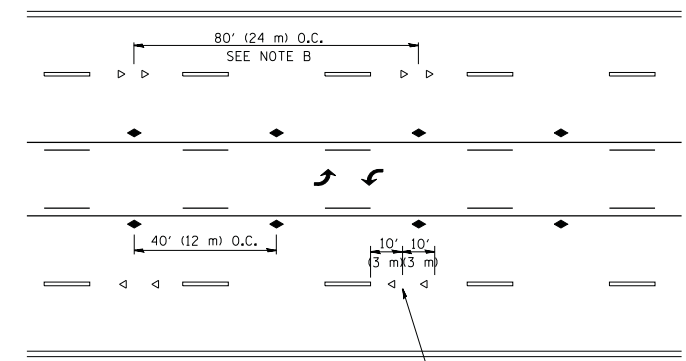


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

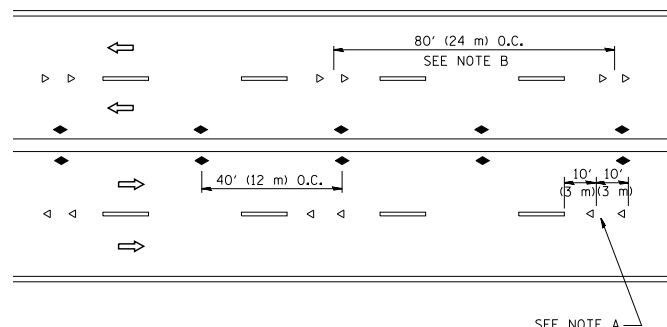
TWO-LANE/TWO-WAY



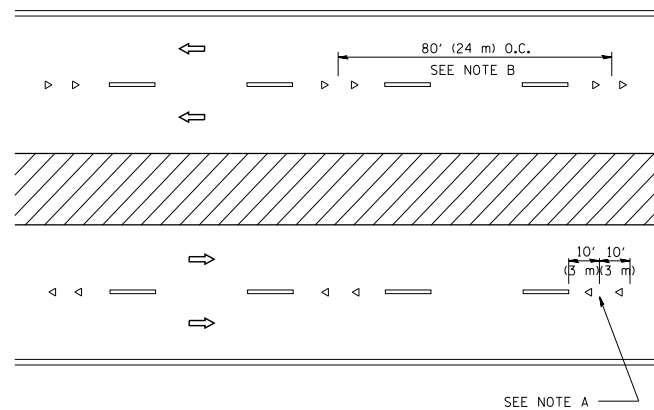
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

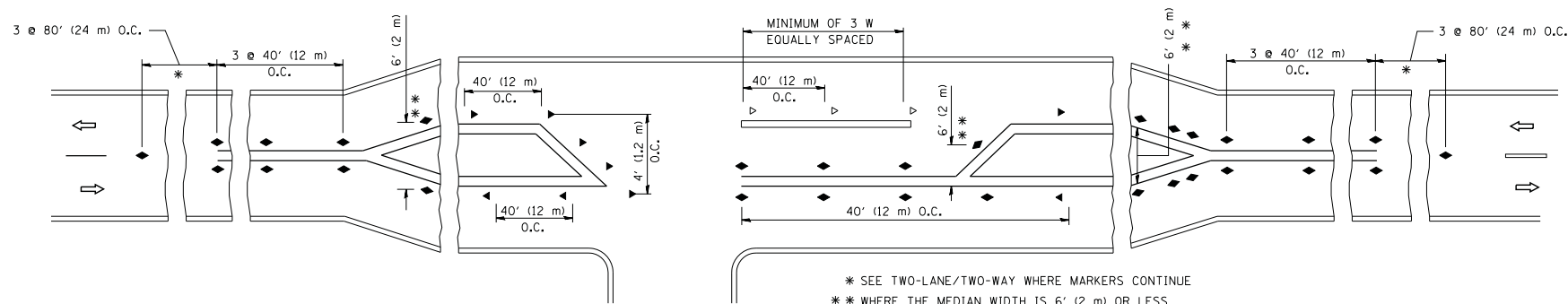
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

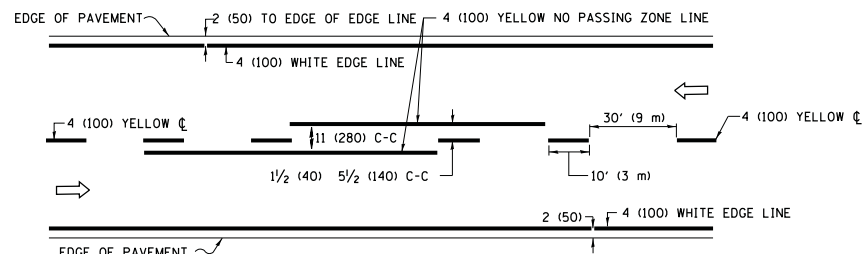
All dimensions are in inches (millimeters) unless otherwise shown.

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	PLOT DATE = 3/2/2011	DATE -	REVISED - C. JUCIUS 09-09-09

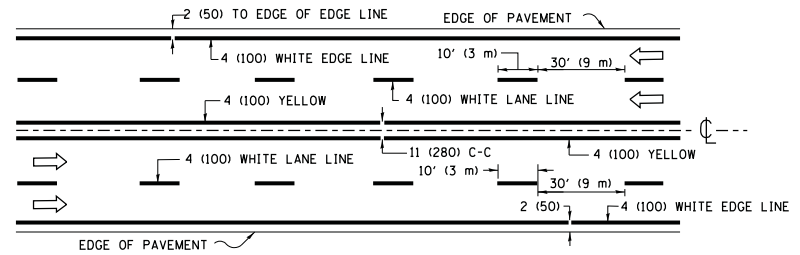
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

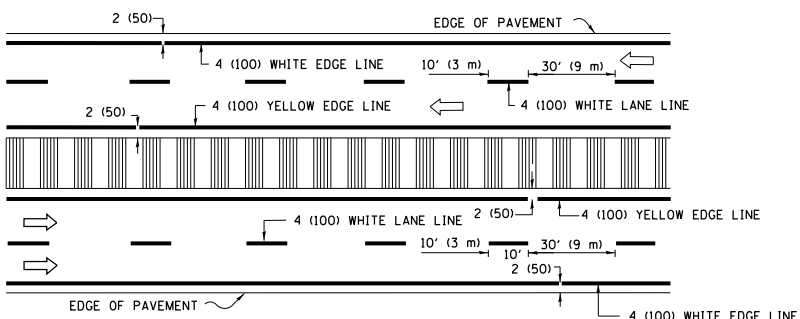
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	47
TC-11			CONTRACT NO. 62C67	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

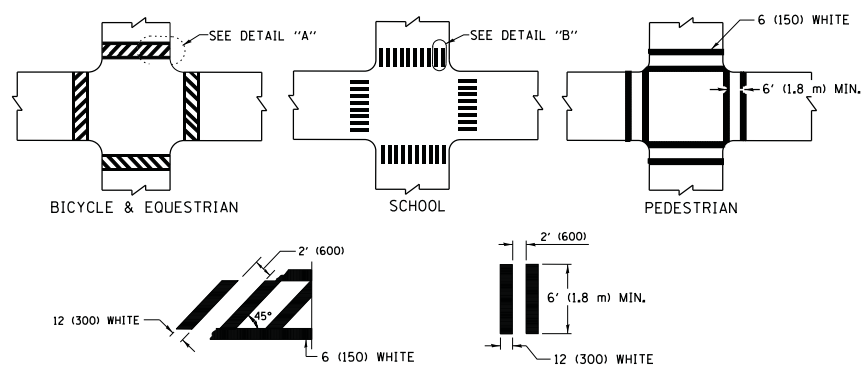


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

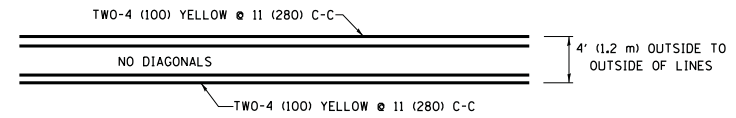


DETAIL "A"

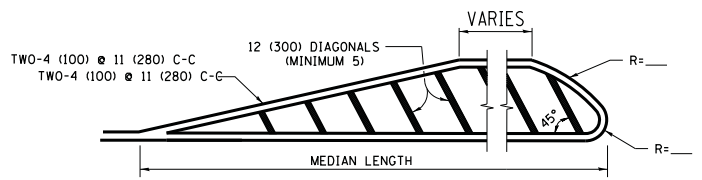
DETAIL "B"

TYPICAL CROSSWALK MARKING

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



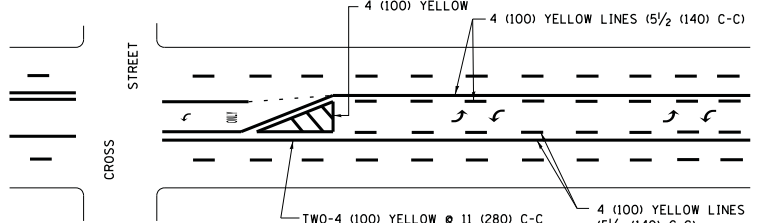
4' (1.2 m) WIDE MEDIANS ONLY



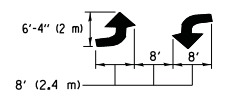
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

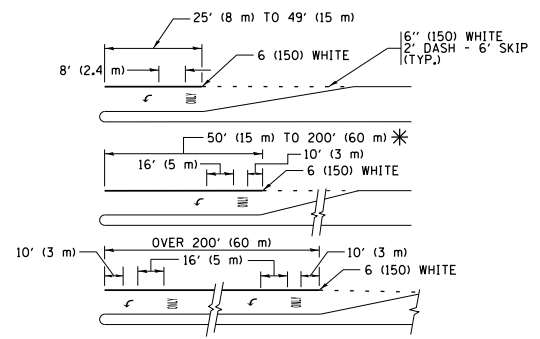


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

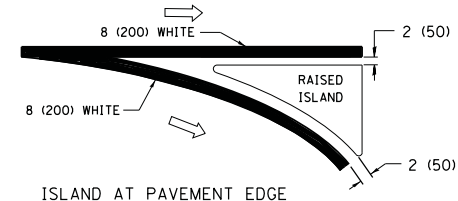
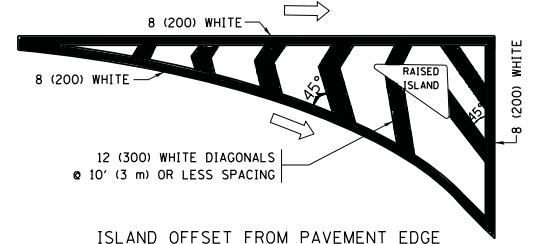


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

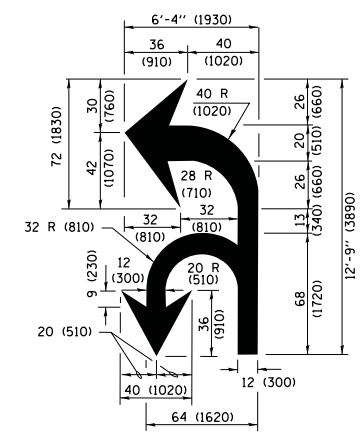
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

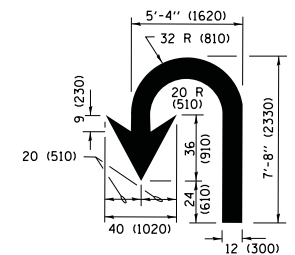
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



LANE REDUCTION TRANSITION

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

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

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

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

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

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Default	PLOT SCALE = 50.000' / in.	DRAWN -	REVISED - C. JUCIUS 07-01-13
	PLOT DATE = 6/23/2017	CHECKED -	REVISED - C. JUCIUS 12-21-15
		DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

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

F.A.P RTE. 347	SECTION CY-RS-5	COUNTY DUPAGE	TOTAL SHEETS 53	SHEET NO. 48
TC-13		CONTRACT NO. 62C67		
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

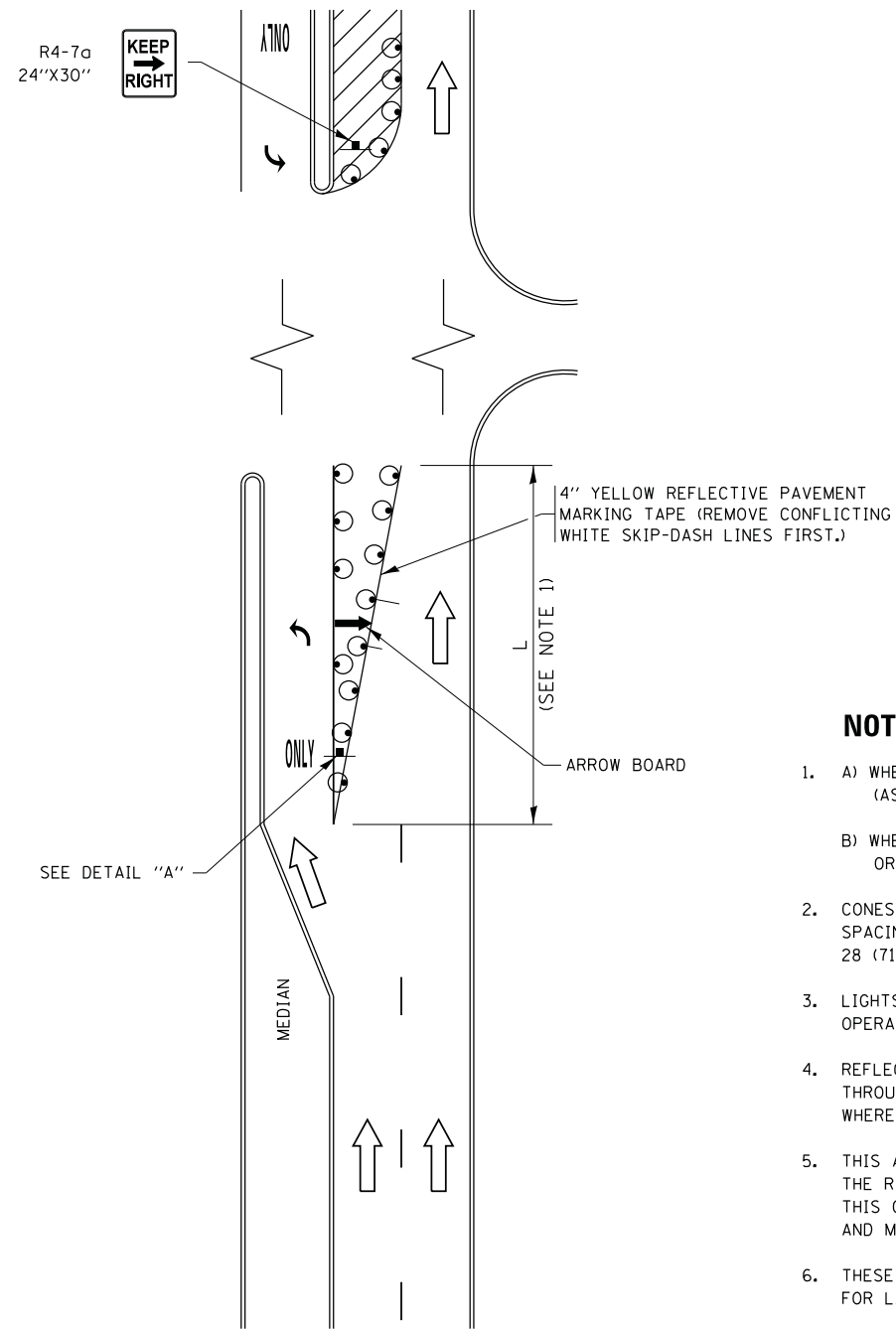


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

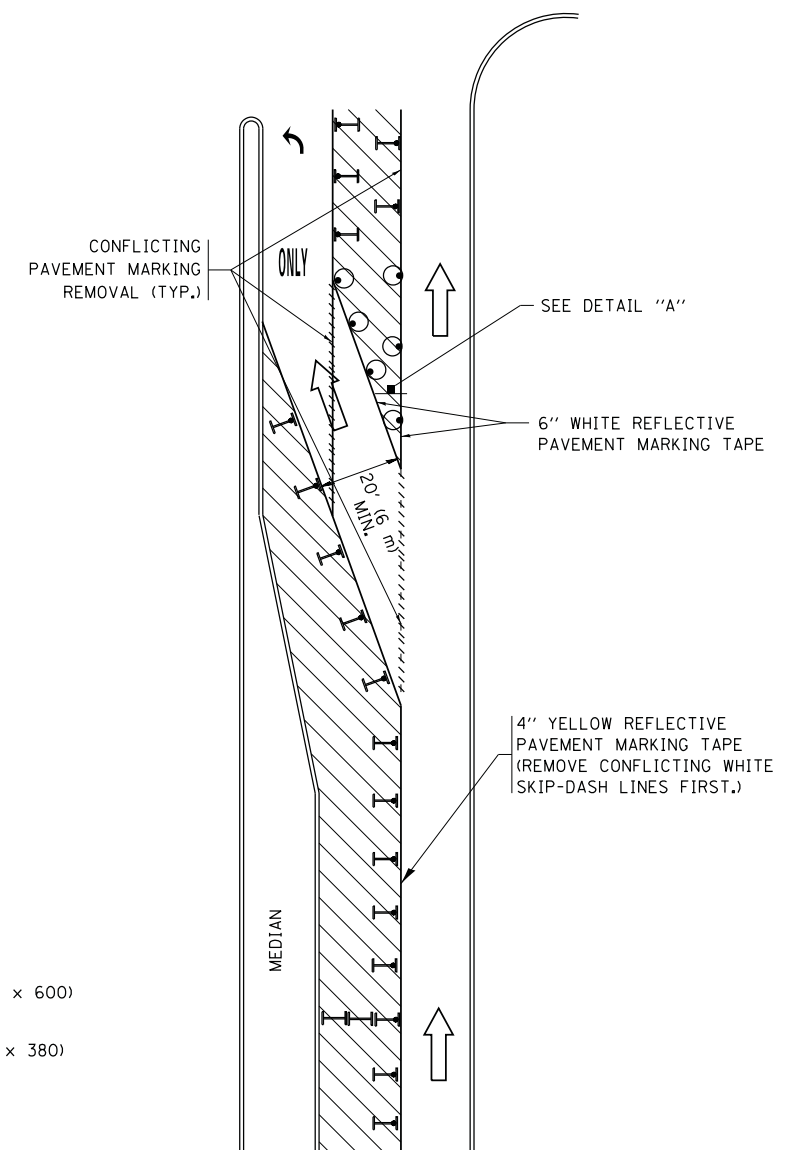


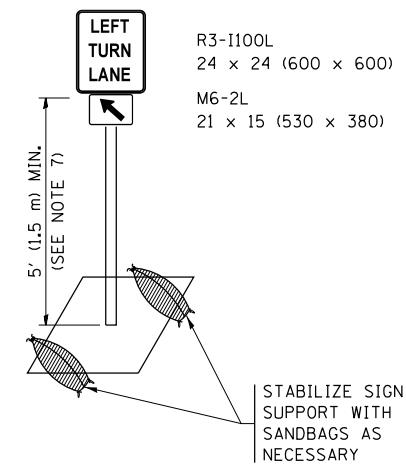
FIGURE 2

LEGEND

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

NOTES:

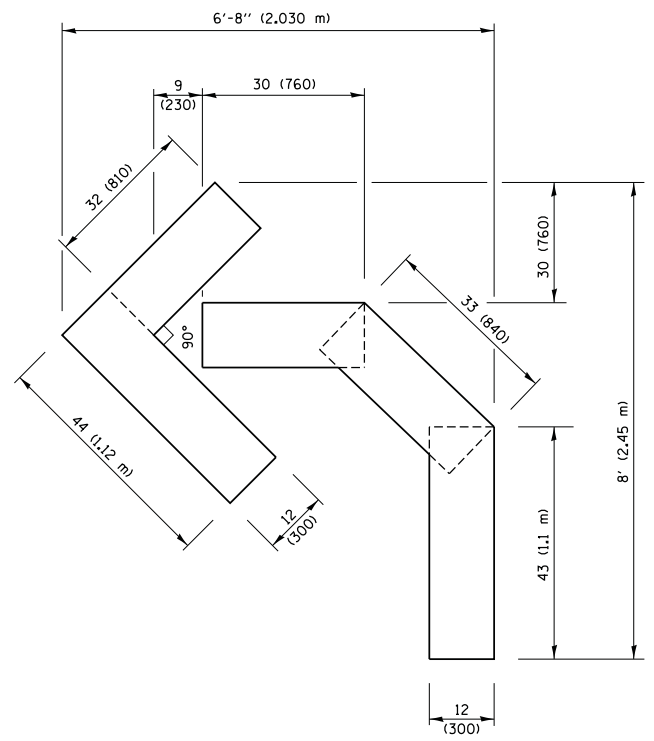
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



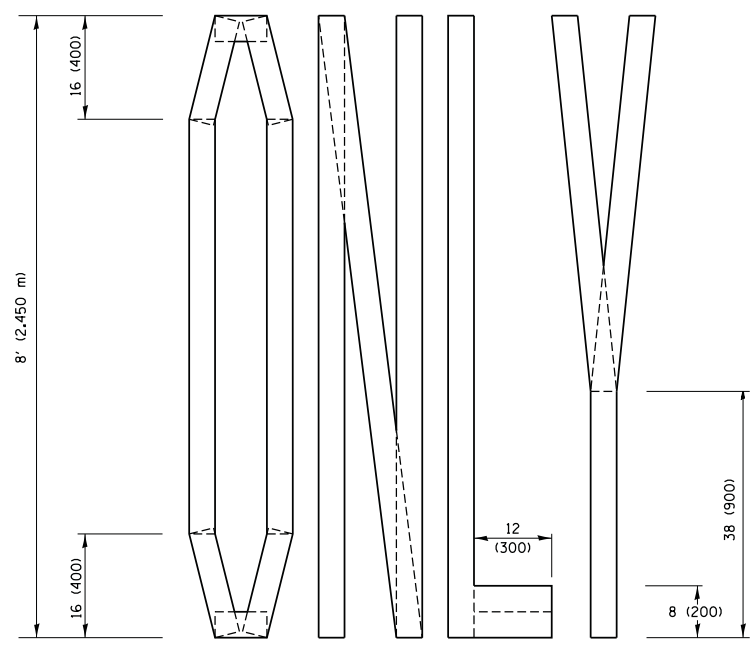
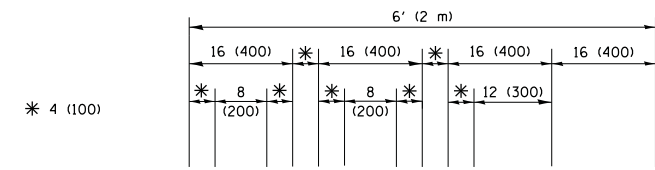
DETAIL A

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

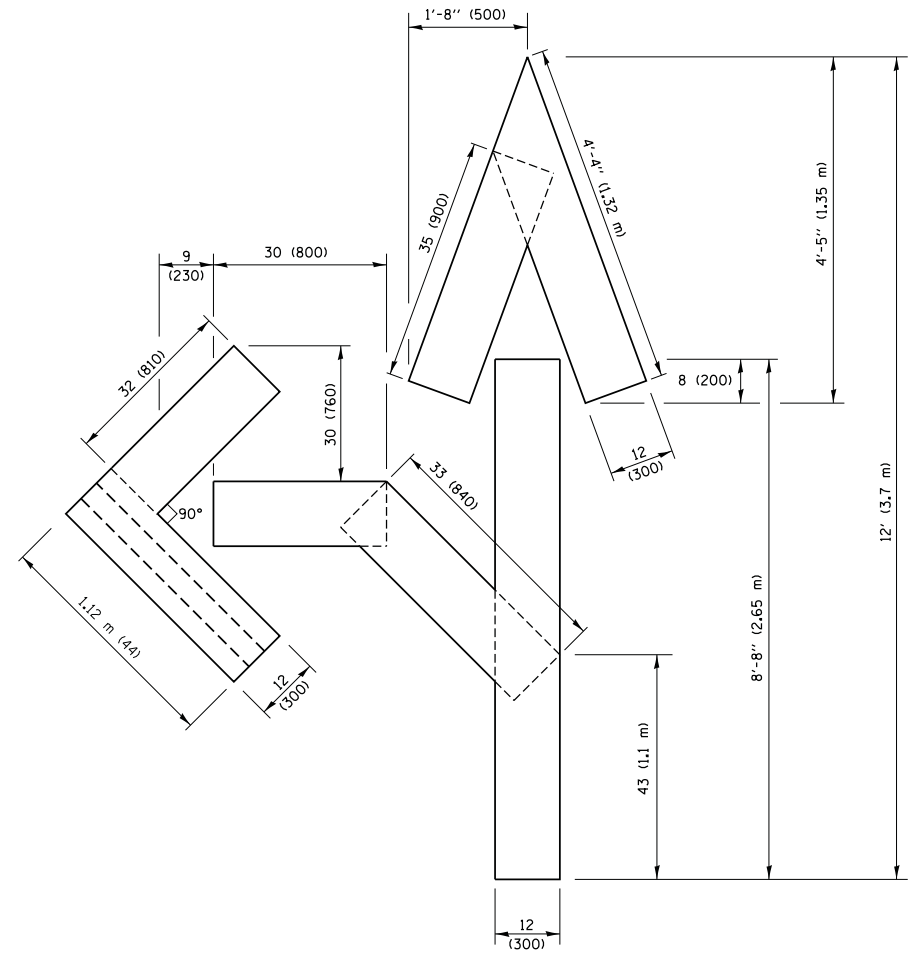
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Default		REVISED - A. HOUSEH 10-07-95	REVISED - A. SCHUETZE 07-01-13					347	CY-RS-5	DUPAGE	53	49
	PLOT SCALE = 50.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16		TC-14			CONTRACT NO. 62C67				
	PLOT DATE = 9/15/2016	REVISED - T. RAMMACHER 01-06-00	REVISED -		ILLINOIS FED. AID PROJECT							



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

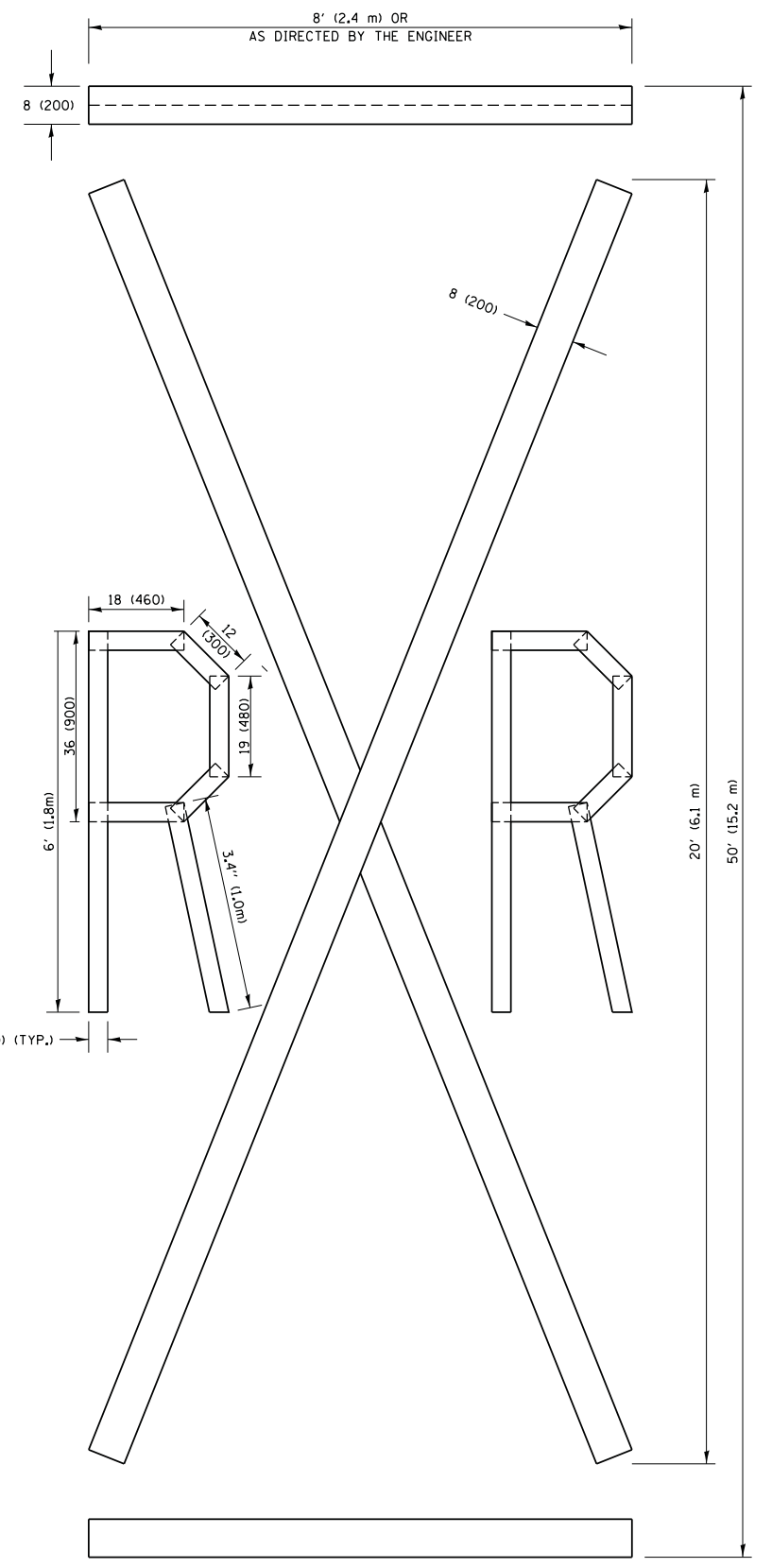


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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

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



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

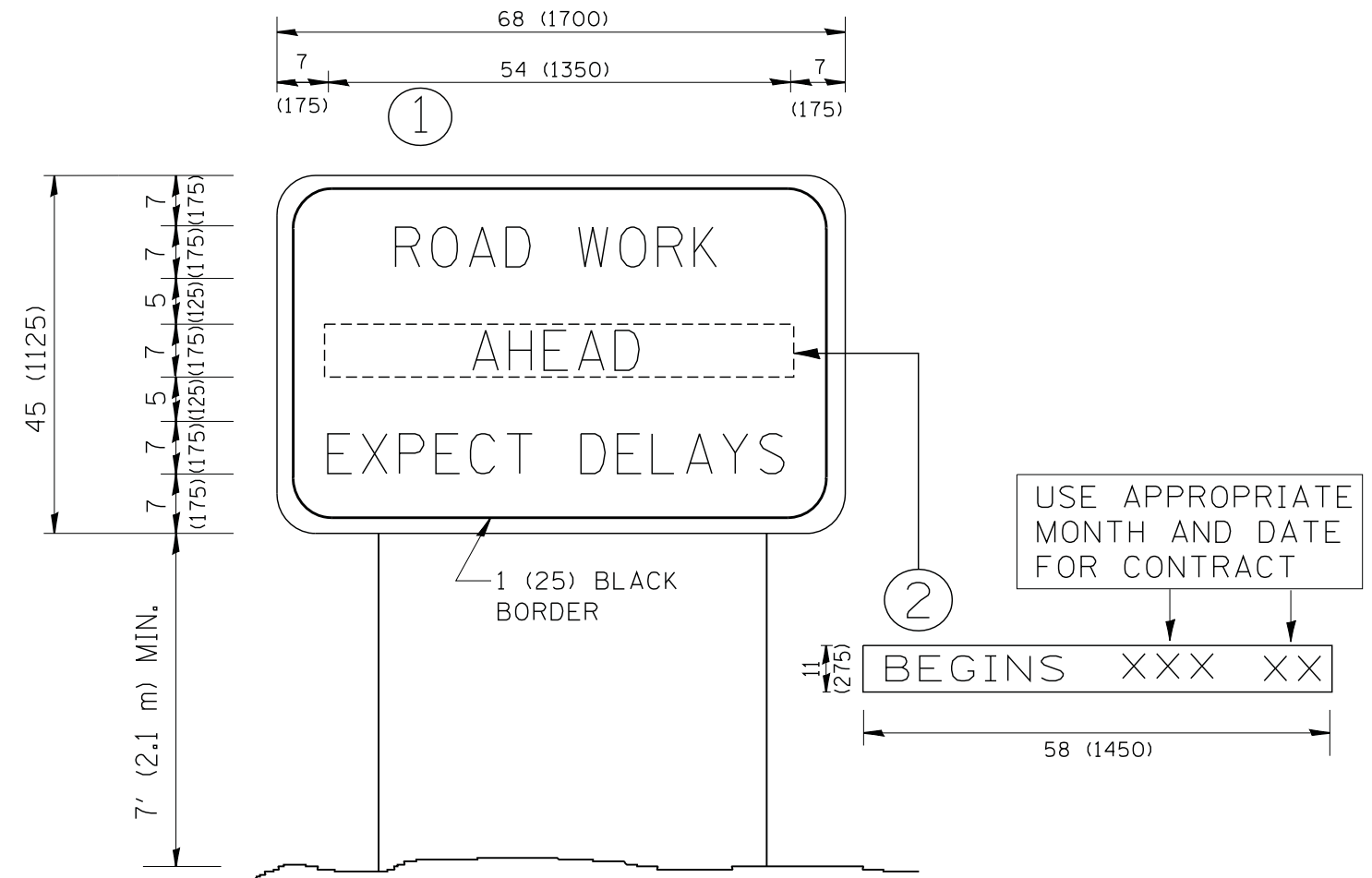
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
pw:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\Dist 1\084EBIDINTEG\CADD\Drawings\Tape\TC16.dgn		CHECKED -	REVISED - E. GOMEZ 08-28-00
		DATE - 09-18-94	REVISED - E. GOMEZ 08-28-00
			REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	50
TC-16		CONTRACT NO. 62C67		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

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

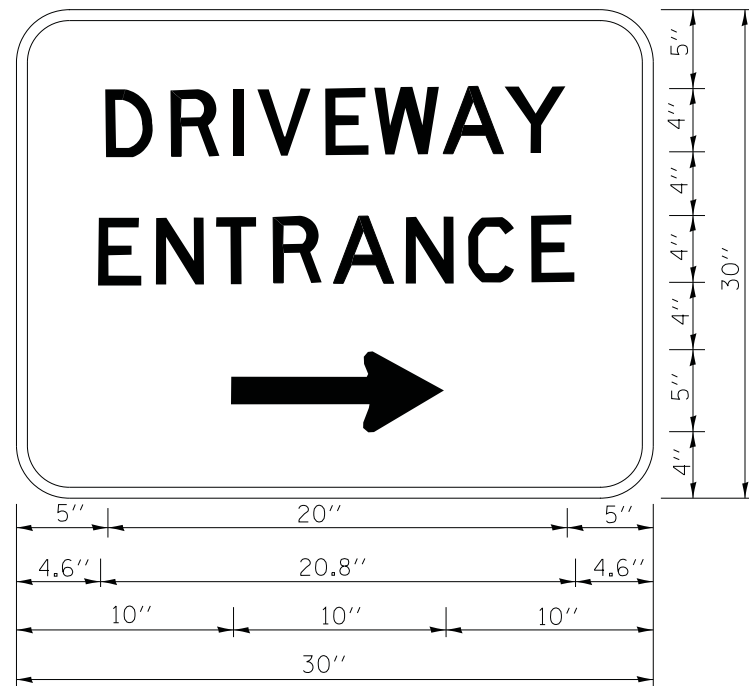
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		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.P. RTE. 347	SECTION CY-RS-5	COUNTY DUPAGE	TOTAL SHEETS 53	SHEET NO. 51
TC-22		CONTRACT NO. 62C67		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

NOTES:

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

FILE NAME =	USER NAME = gegl1enobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
ct:\pw\work\p1dot\gagl1enobt\d0108315\to26.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

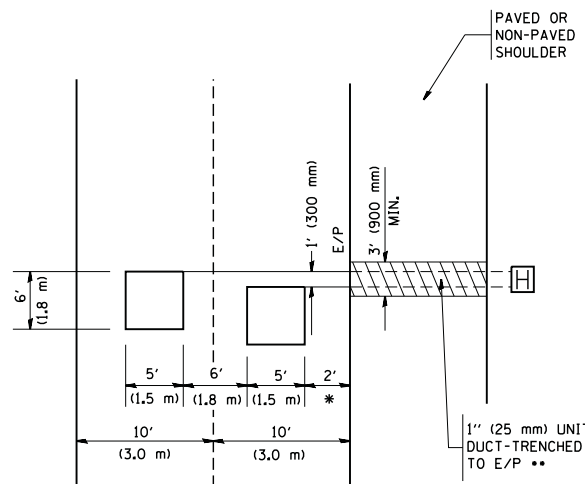
DRIVEWAY ENTRANCE SIGNING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	CY-RS-5	DUPAGE	53	52
TC-26			CONTRACT NO. 62C67	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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



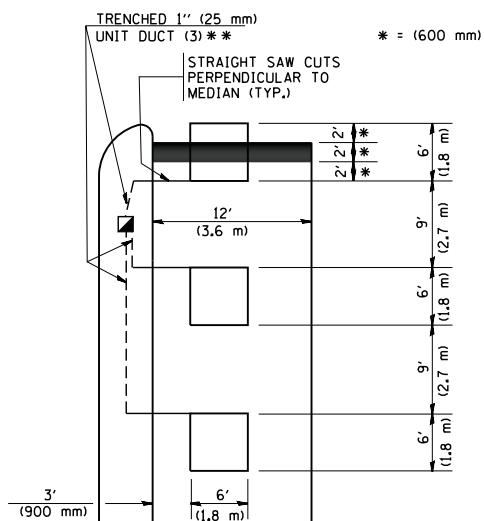
* = (600 mm)

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

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

(PROTECTED / PERMITTED LEFT TURN PHASING)

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

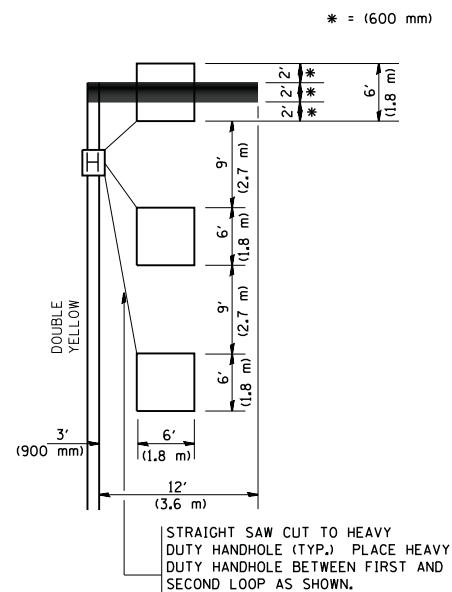


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

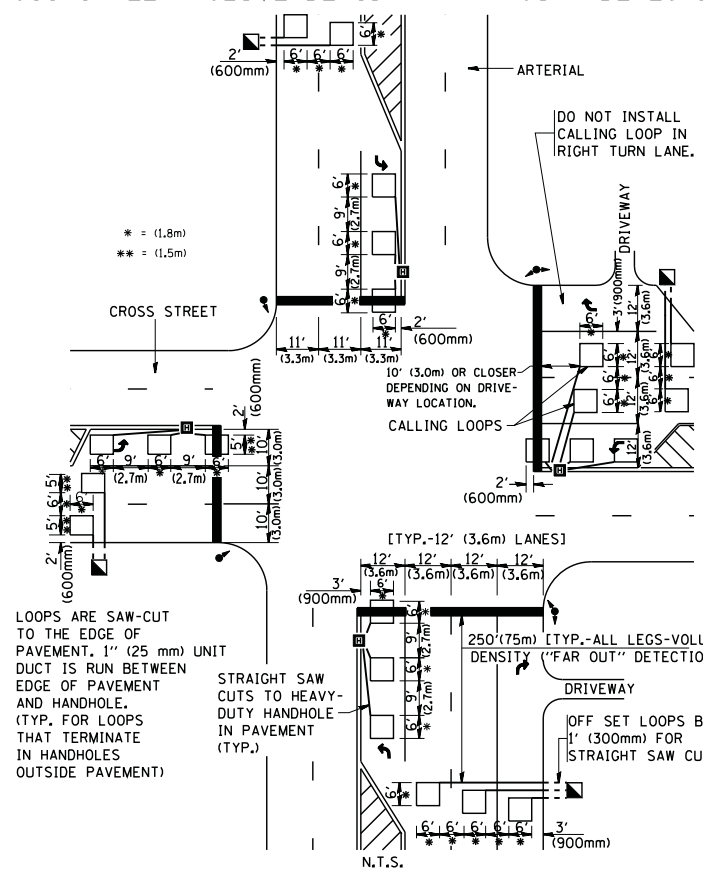
**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)



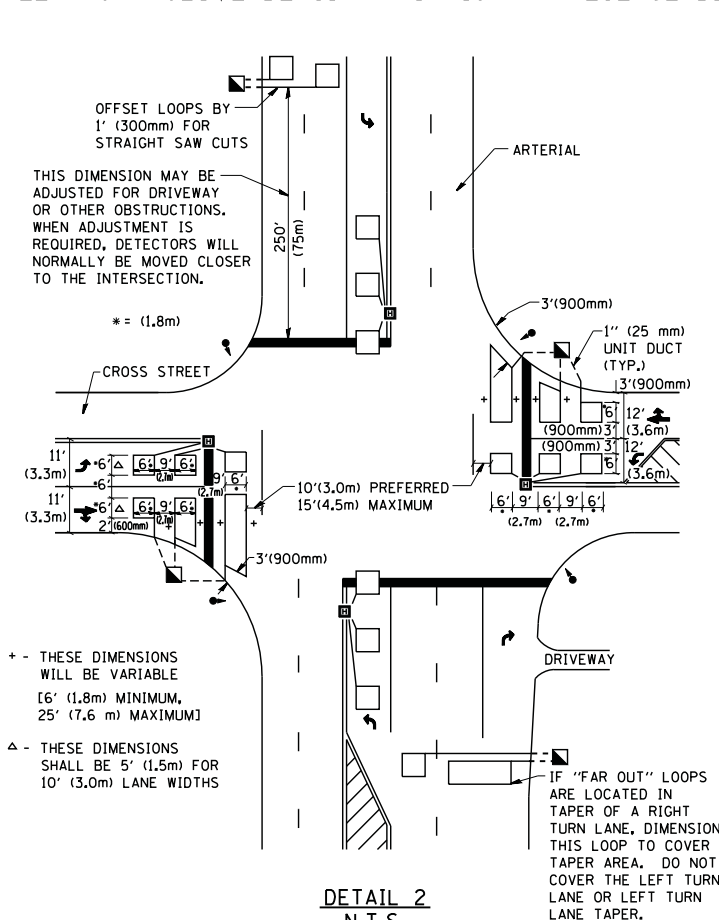
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**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)**



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.

FILE NAME = W:\diststd\22x34\ts07.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -			347	CY-RS-5	DUPAGE	53	53	
	PLOT DATE = 1/4/2008	CHECKED - R.K.F.	REVISED -			TS-07		CONTRACT NO. 62C67			
		DATE -	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT