

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-RS	COOK	44	1
		ILLINOIS	CONTRACT NO. 62C70	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

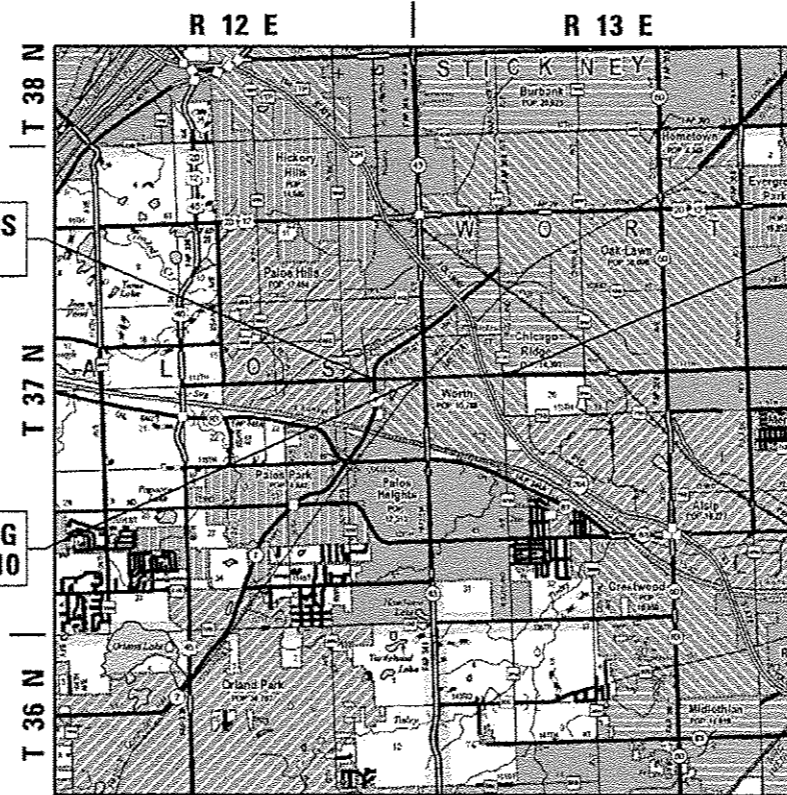
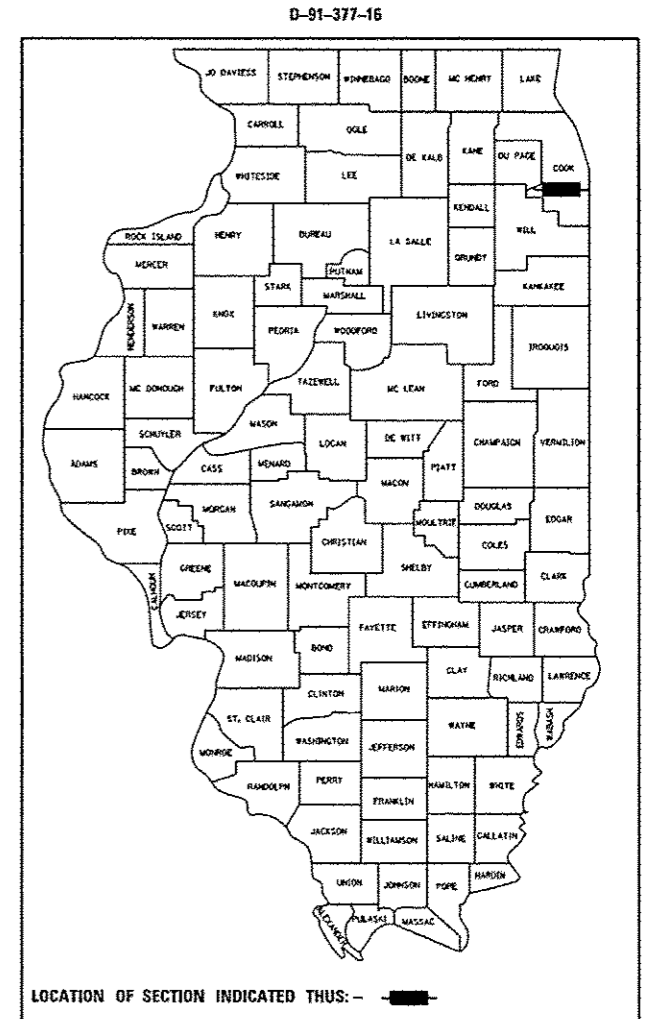
THIS IMPROVEMENT IS LOCATED IN THE
CITY OF PALOS HILL AND VILLAGE OF WORTH

PROPOSED HIGHWAY PLANS

FAU ROUTE 1581: 111TH STREET
EAST OF 76TH AVE TO WEST OF NAGLE AVE
SECTION 0208-RS
PROJECT STP-1581(006)
RESURFACING, PEDESTRIAN RAMPS
COOK COUNTY

TRAFFIC DATA
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
2015 ADT = 27,300
POSTED SPEED LIMIT = 30, 35, MPH

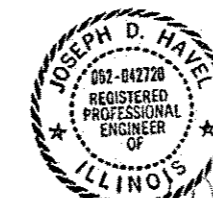
C-91-377-16



IMPROVEMENT BEGINS
STA 17+17

IMPROVEMENT ENDS
STA 89+47.50

OMISSION OF RESURFACING
STA 40+70 TO STA 42+10



Signed: [Signature]
Date: 01/09/2017
License Expires: 11/30/2017

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

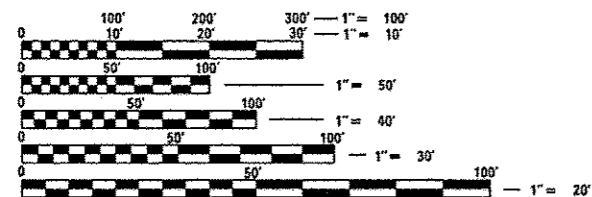
SUBMITTED January 13 2017

Anthony J. [Signature] REGIONAL ENGINEER

Mar 24 2017

Maureen M. Addis, PE, [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

Maury [Signature] 2
DIRECTOR OF PROGRAM DEVELOPMENT



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 MIDY (847) 221-3056
PROJECT MANAGER: ISSAM RAYYAN (847) 705-4178

GROSS LENGTH = 7230.5 FT. = 1.369 MILE
NET LENGTH = 7090.5 FT. = 1.343 MILE

CONTRACT NO. 62C70

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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BENCHMARKS

- BM*1 CHISEL "X" IN E SE FIRE HYDRANT FLANGE BOLT AT NE QUADRANT OF 111TH STREET AND 76TH AVENUE
ELEV. 608.13
- BM*2 CHISEL "X" IN N NE FIRE HYDRANT FLANGE BOLT AT NE QUADRANT OF 111TH STREET AND OKETO AVENUE
ELEV. 622.98
- BM*3 CHISEL "□" ON NE CORNER OF CONCRETE CURB OF INLET IN N END OF USPS PARKING LOT AT SW QUADRANT OF 111TH STREET AND HARLEM AVENUE
ELEV. 610.10
- BM*4 CHISEL "X" IN S SW FIRE HYDRANT FLANGE BOLT AT SW QUADRANT OF 111TH STREET AND WORTH AVENUE
ELEV. 616.00
- BM*5 CHISEL "X" IN S SE FIRE HYDRANT FLANGE BOLT 50 FEET EAST OF SE QUADRANT OF 111TH STREET AND OAK PARK AVENUE
ELEV. 611.36
- BM*6 CHISEL "□" ON CONCRETE LIGHT POLE BASE 100 FEET WEST OF NE QUADRANT OF 111TH STREET AND NACHEZ AVENUE, IN FRONT OF 1ST AUTO REPAIR
ELEV. 616.42

STATE STANDARDS

424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-03	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424031-01	CLASS C AND D PATCHES
442201-03	MEDIAN PEDESTRIAN CROSSINGS
604001-04	FRAME AND LIDS TYPE 1
604086-03	FRAME AND GRATE TYPE 23
604091-03	FRAME AND GRATE TYPE 24
606001-06	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 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-08	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
701901-06	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
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 PALOS HILL AND VILLAGE OF WORTH.
- 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 ADDITION AT 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 FO 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 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 TECHNICIAN, MS. PATRICE HARRIS, AT PATRICE.HARRIS@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 THE 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.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES
111TH STREET (SOUTHWEST HIGHWAY TO W. OF NAGLE AVE)**

FILE NAME	USER NAME	DESIGNED - KW	REVISED -	SCALE: N/A	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - KW	REVISED -				1501	0208-RS	COOK	44	2
MODELNAME		CHECKED - JH	REVISED -				CONTRACT NO. 62C70			ILLINOIS FED. AID PROJECT	
		DATE - 02/06/2017	REVISED -								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				URBAN	80/20 FED/STATE ROADWAY
				0005	111TH
20200100	EARTH EXCAVATION	CU YD	10		10
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	17		17
25000210	SEEDING, CLASS 2A	ACRE	0.25		0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23		23
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23		23
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23		23
25200110	SODDING, SALT TOLERANT	SO YD	40		40
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	32,515.0		32,515.0
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	50.0		50.0
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4, 75, N50	TON	2,019		2019.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	500		500
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	4,730		4730
42001300	PROTECTIVE COAT	SO YD	998		998
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	6,453		6,453

* SPECIAL PROVISION REQUIRED.

FILE NAME *	USER NAME * MCH	DESIGNED - JH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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#MODELNAME#	PLOT SCALE * 100.0000' / 1"	CHECKED - PJK	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 62C70				
	PLOT DATE * 2/6/2017	DATE - 02/06/2017	REVISED -		ILLINOIS FED. AID PROJECT								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80/20	
				FED/STATE	
				ROADWAY	
				0005	111TH
				URBAN	
42400800	DETECTABLE WARNINGS	SQ FT	454		454
44000156	HOT-MIX ASPHALT SURFACE REMOVAL. 1 3/4"	SO YD	155.00		155
44000159	HOT-MIX ASPHALT SURFACE REMOVAL. 2 1/2"	SO YD	48.065		48.065
44000600	SIDEWALK REMOVAL	SO FT	6,120		6,120
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SO YD	500		500
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SO YD	500		500
56109210	WATER VALVES TO BE ADJUSTED	EACH	2		2
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	8		8
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	16		16
* W900200	NON SPECIAL WASTE DISPOSAL	CU YD	35		35
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4		4
* W900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1		1
67100100	MOBILIZATION	L SUM	1		1
* W900530	SOIL DISPOSAL ANALYSIS	EACH	5		5
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1		1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1		1

* SPECIAL PROVISION REQUIRED.

* Specialty Items

FILE NAME :	USER NAME : mox	DESIGNED - JH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE * 2/6/2017	DATE - 02/06/2017	REVISED -		ILLINOIS FED. AID PROJECT								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80/20	FED/STATE
				ROADWAY	
				0005	
				111TH	
	URBAN				
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	751	751	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,056	1,056	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	176	176	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	22,837	22,837	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4,108	4,108	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	159	159	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	520	520	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	333	333	
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	528	528	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	751	751	
14 * 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	22,837	22,837	

* Specialty Item
SPECIAL PROVISION REQUIRED.

FILE NAME :	USER NAME : mo*	DESIGNED - JH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE# :		DRAWN - MW	REVISED -						1581	0208-R5	COOK	44	5
MODELNAME :	PLOT SCALE : 100.0000' / in.	CHECKED - PJK	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 62C70				
	PLOT DATE : 2/6/2017	DATE - 02/06/2017	REVISED -		ILLINOIS FED. AID PROJECT								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80/20 FED/STATE ROADWAY	URBAN
				0005	111TH
* 78000400	THERMOPLASTIC PAVEMENT MARKING -- LINE 6"	FOOT	4,108	4,108	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	159	159	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	520	520	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	333	333	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	700	700	
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	140	140	
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	5	5	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	686	686	
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	686	686	
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2.00	2	
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	972	972	
* 89502376	REBUILD EXISTING HANDHOLE	EACH	8	8	
• X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1	
• X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	1,161	1,161	

* Specialty Item
 NON-PARTICIPATING

14

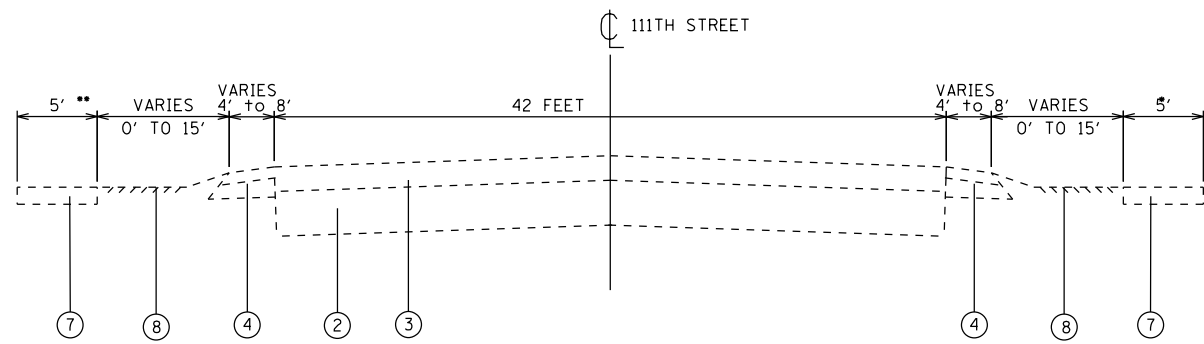
• SPECIAL PROVISION REQUIRED.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80/20 FED/STATE	ROADWAY
				0005	111TH
	URBAN				
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	1,138		1,138
Z0004562	COMBINATION CURB AND CUTTER REMOVAL AND REPLACEMENT	FOOT	843		843
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	30		30
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	154.2		154.2
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2		2

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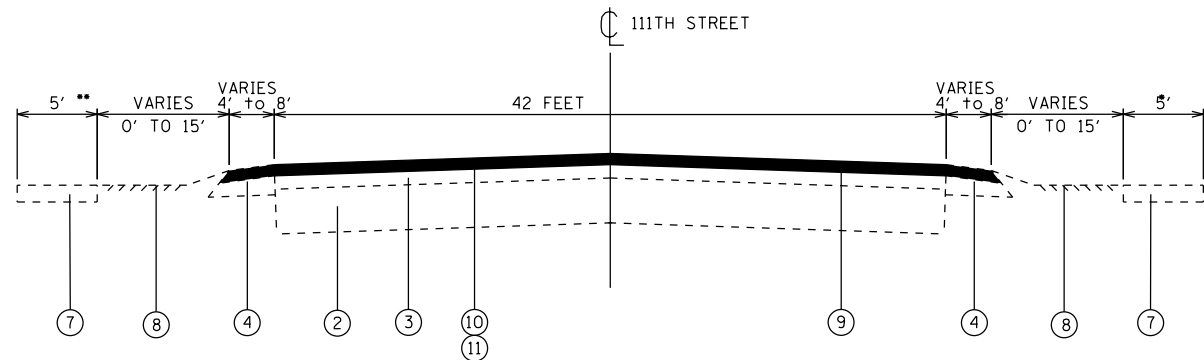
NON-PARTICIPATING
 • SPECIAL PROVISION REQUIRED.

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#MODELNAME#	PLOT SCALE * 100.0000 / in.	CHECKED - PJK	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 62C70				
	PLOT DATE * 2/6/2017	DATE - 02/06/2017	REVISED -		[ILLINOIS] FED. AID PROJECT								



EXISTING TYPICAL SECTION

STA. 17+17 TO 35+06
 *NO SIDEWALK STA. 17+17 TO 29+85
 **NO SIDEWALK STA. 17+47 TO 34+15



PROPOSED TYPICAL SECTION

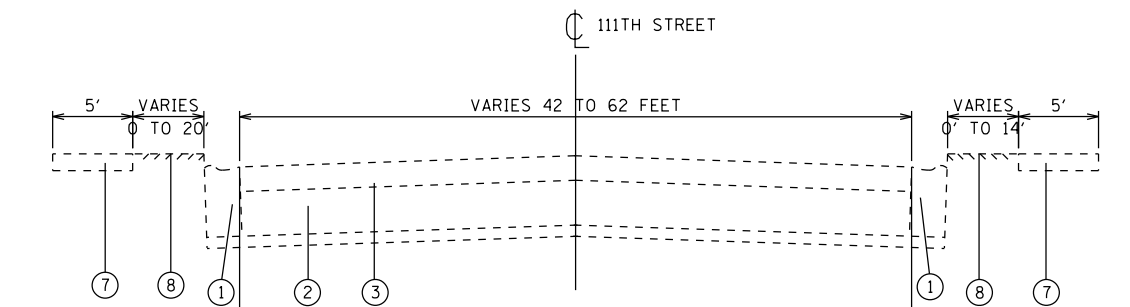
STA. 17+17 TO 35+06
 *NO SIDEWALK STA. 17+17 TO 29+85
 **NO SIDEWALK STA. 17+47 TO 34+15

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS Ndes	QUALITY MANAGEMENT PROGRAM (OMP)
PAVEMENT RESURFACING (ROADWAY)		
POLYMERIZED HMA SURFACE COURSE, MIX E, N70 (IL-9.5mm)	4% AT 70 GYR	OCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% AT 50 GYR	OCP
PAVEMENT RESURFACING (PARKING LANE)		
POLYMERIZED HMA SURFACE COURSE, MIX E, N70 (IL-9.5mm)	4% AT 70 GYR	OCP
CLASS D PATCHES		
HMA BINDER IL-19.0	4% AT 70 GYR	QC/OA

OMP DESIGNATIONS: QUALITY CONTROL FOR PERFORMANCE (OCP); QUALITY CONTROL/QUALITY ASSURANCE (QC/OA)

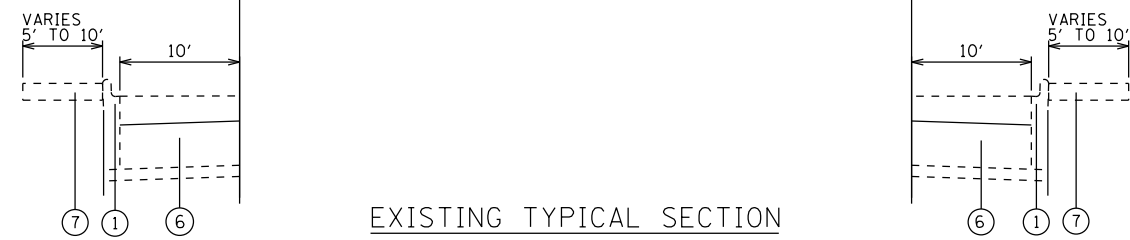
NOTES

- 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 (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
- THE CONTRACTOR SHALL MILL FIRST, BEFORE PATCHING.



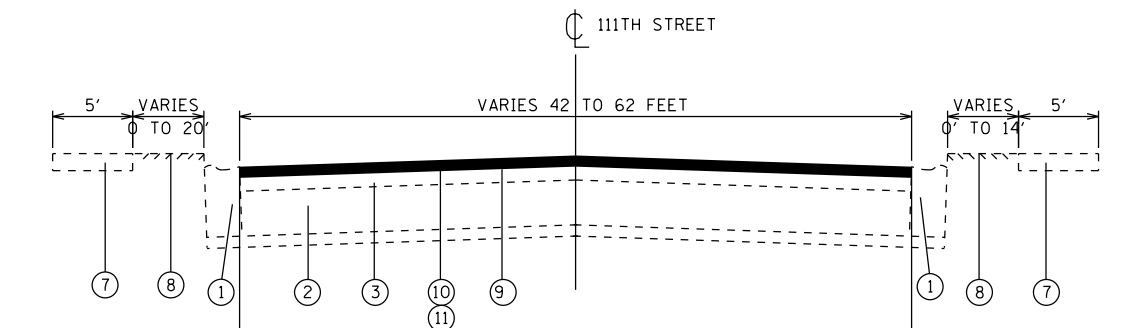
EXISTING TYPICAL SECTION

STA. 35+06 TO 89+47.50



EXISTING TYPICAL SECTION

DETAIL - PARKING LANE



PROPOSED TYPICAL SECTION

STA. 35+06 TO 89+47.50

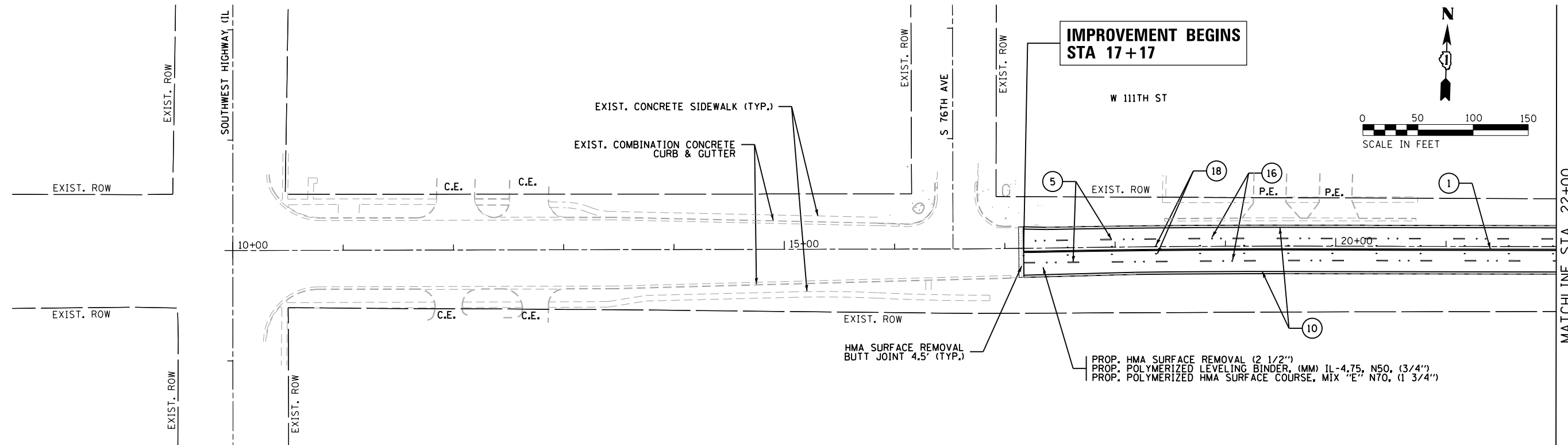


PROPOSED TYPICAL SECTION

DETAIL - PARKING LANE

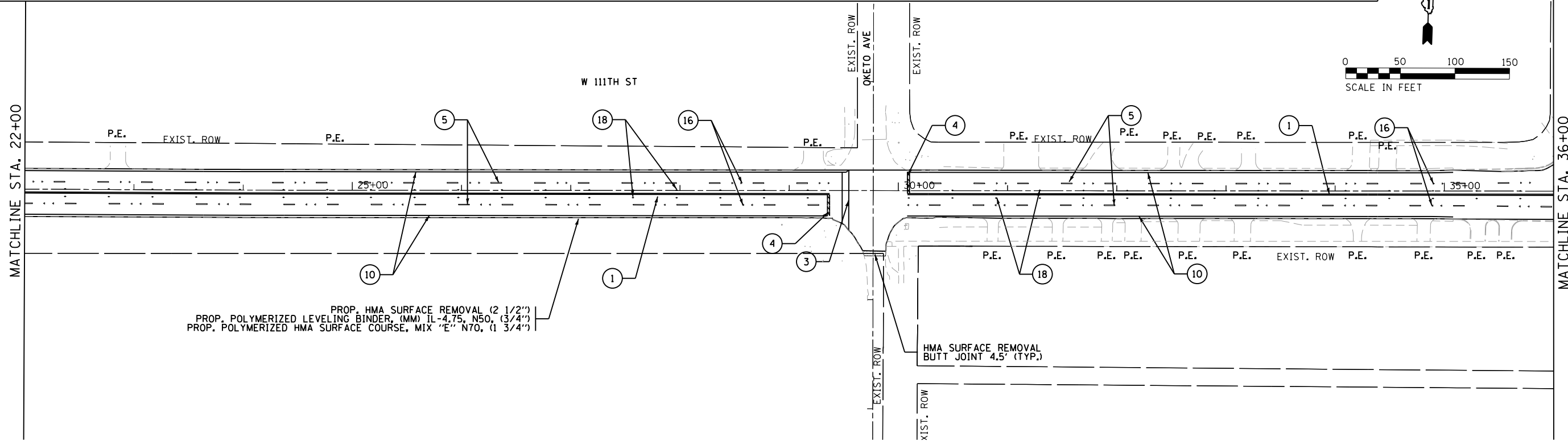
LEGEND

- | | |
|--|--|
| ① EXISTING COMB. CONC. CURB & GUTTER TYPE B-6.24 | ⑧ EXISTING GRASSY OR GRAVEL SLOPE |
| ② EXISTING PCC PAVEMENT (+/-) 10 1/2" | ⑨ PROPOSED HMA SURFACE REMOVAL 2 1/2" |
| ③ EXISTING (+/-) 2 1/2" HMA SURFACE | ⑩ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL 9.5mm) 1 3/4" |
| ④ EXISTING HMA SHOULDER | ⑪ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4" |
| ⑤ EXISTING CONCRETE DEPRESSED CURB | ⑫ PROP. HMA SURFACE REMOVAL 1 3/4" |
| ⑥ EXISTING PAVED PARKING AREA | |
| ⑦ EXISTING SIDEWALK | |



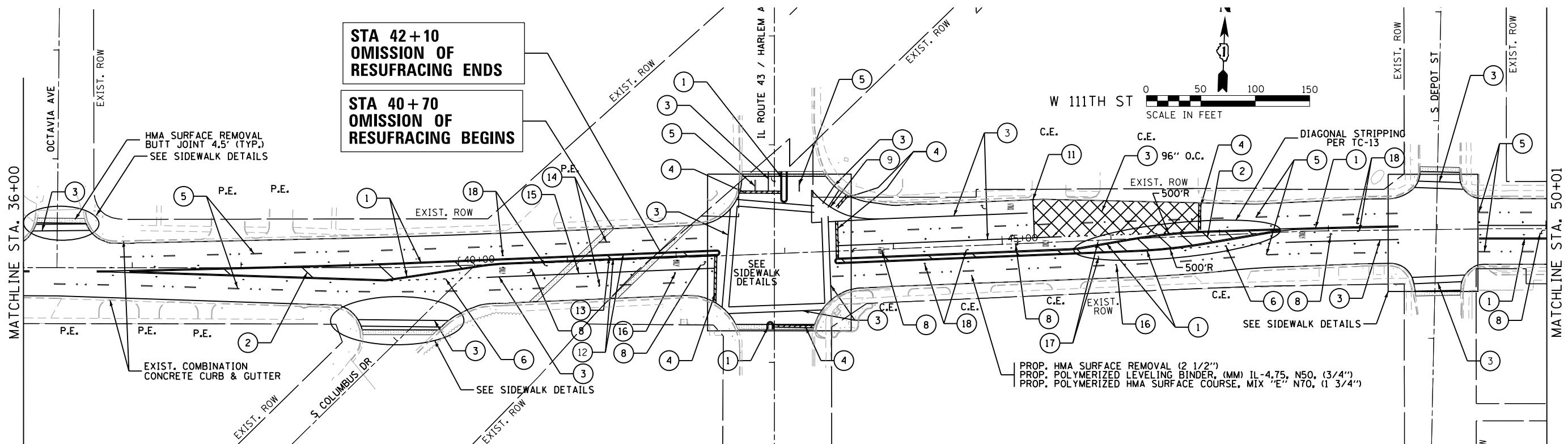
MATCHLINE STA. 22+00

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|--|--|--|
| ① PROP. THERMOPLASTIC PVMT MARKING, 4" DOUBLE YELLOW (TYP.) | ⑦ PROP. THERMOPLASTIC PVMT MARKING, 4" YELLOW (TYP.) | ⑬ PROP. POLYUREA PVMT MARKING, TYPE I - 12", YELLOW (TYP.) |
| ② PROP. THERMOPLASTIC PVMT MARKING, 12" YELLOW (TYP.) | ⑧ PROP. THERMOPLASTIC PVMT MARKING, LETTERS AND SYMBOLS (TYP.) | ⑭ PROP. POLYUREA PVMT MARKING, TYPE I - 4" SKIPDASH WHITE (TYP.) |
| ③ PROP. THERMOPLASTIC PVMT MARKING, 6" WHITE (TYP.) | ⑨ PROP. THERMOPLASTIC PVMT MARKING, 8" WHITE (TYP.) | ⑮ PROP. POLYUREA PVMT MARKING, TYPE I - 6" WHITE (TYP.) |
| ④ PROP. THERMOPLASTIC PVMT MARKING, 24" WHITE (TYP.) | ⑩ PROP. THERMOPLASTIC PVMT MARKING, 4" WHITE (TYP.) | ⑯ PROP. RAISED PVMT MARKING, ONE-WAY CRYSTAL MARKER |
| ⑤ PROP. THERMOPLASTIC PVMT MARKING, 4" WHITE, 10' DASH - 30' SKIP (TYP.) | ⑪ PROP. THERMOPLASTIC PVMT MARKING, 12" WHITE (TYP.) | ⑰ PROP. RAISED PVMT MARKING, ONE-WAY AMBER MARKER |
| ⑥ PROP. THERMOPLASTIC PVMT MARKING, 6" WHITE, 2" DASH - 6' SKIP, (TYP.) | ⑫ PROP. POLYUREA PVMT MARKING, TYPE I - 4", DOUBLE YELLOW (TYP.) | ⑱ PROP. RAISED MPVMT MARKING, TWO-WAY AMBER MARKER |

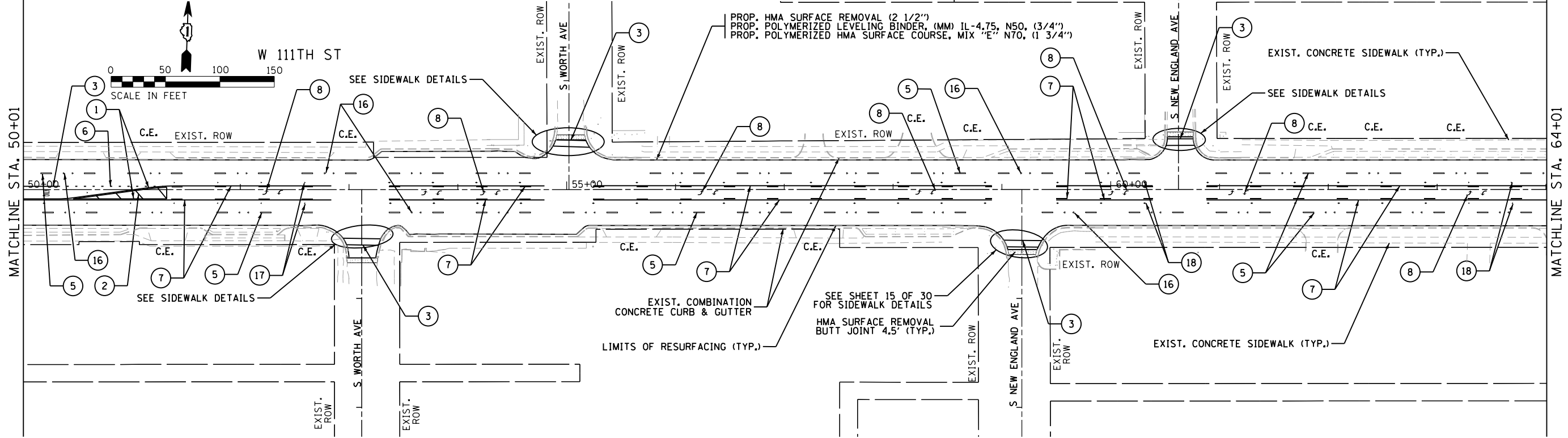


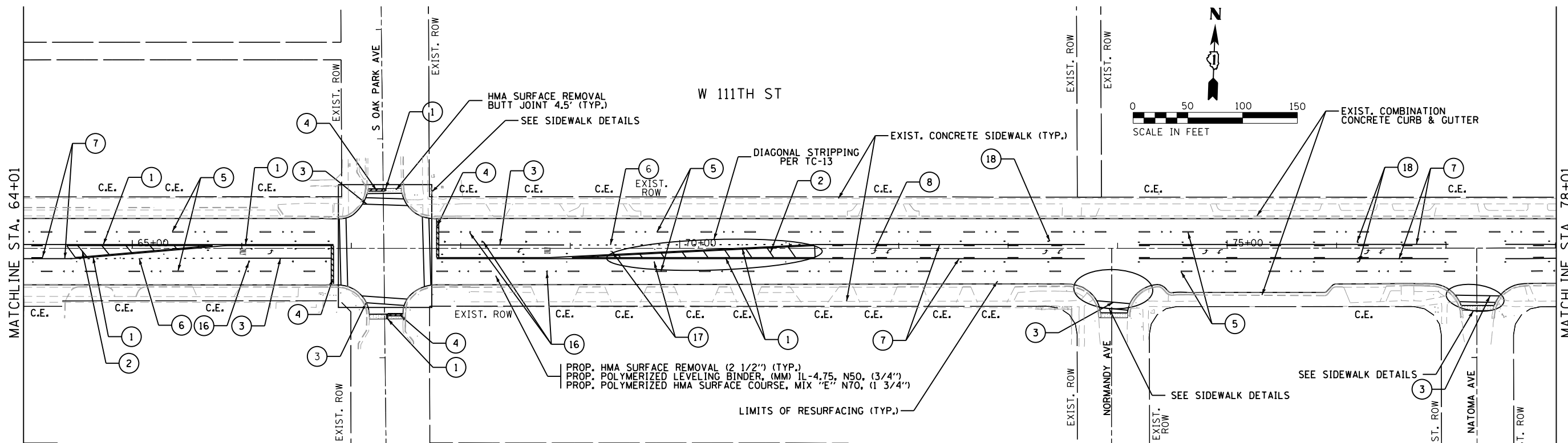
MATCHLINE STA. 36+00

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - KW	REVISED -		111TH STREET				1581	0208-RS	COOK	44	9
	PLOT SCALE = 100.0000' / 1" =	CHECKED - JH	REVISED -		SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 62C70	
#MODELNAME#	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -		ILLINOIS FED. AID PROJECT								

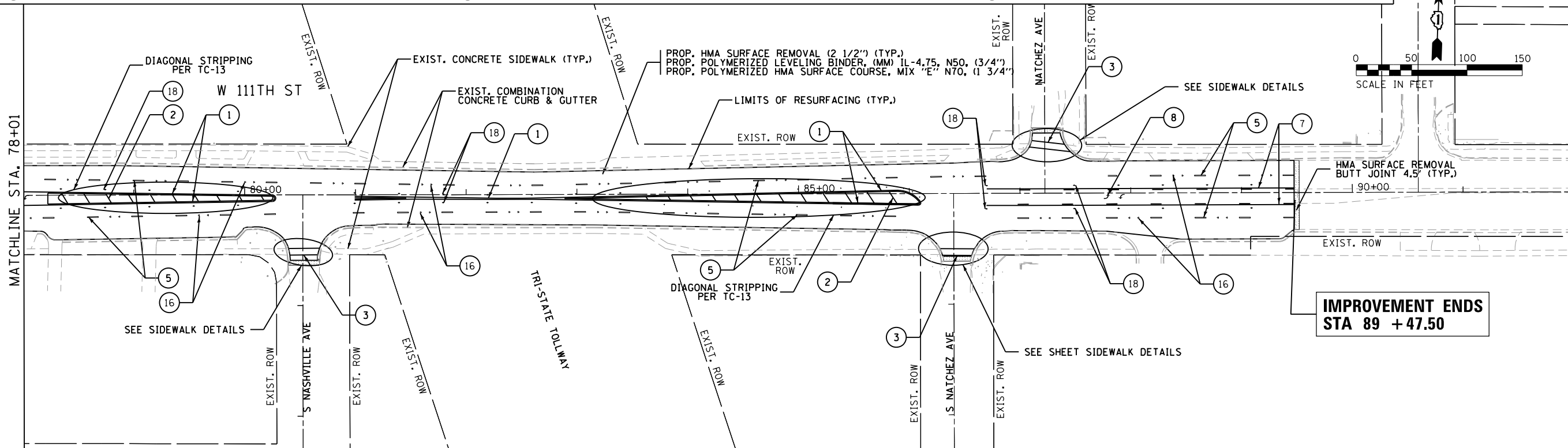


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| ① PROP. THERMOPLASTIC PVMT MARKING, 4" DOUBLE YELLOW (TYP.) | ⑦ PROP. THERMOPLASTIC PVMT MARKING, 4" YELLOW (TYP.) | ⑬ PROP. POLYUREA PVMT MARKING, TYPE I - 12", YELLOW (TYP.) |
| ② PROP. THERMOPLASTIC PVMT MARKING, 12" YELLOW (TYP.) | ⑧ PROP. THERMOPLASTIC PVMT MARKING, LETTERS AND SYMBOLS (TYP.) | ⑭ PROP. POLYUREA PVMT MARKING, TYPE I - 4" SKIPDASH WHITE (TYP.) |
| ③ PROP. THERMOPLASTIC PVMT MARKING, 6" WHITE (TYP.) | ⑨ PROP. THERMOPLASTIC PVMT MARKING, 8" WHITE (TYP.) | ⑮ PROP. POLYUREA PVMT MARKING, TYPE I - 6" WHITE (TYP.) |
| ④ PROP. THERMOPLASTIC PVMT MARKING, 24" WHITE (TYP.) | ⑩ PROP. THERMOPLASTIC PVMT MARKING, 4" WHITE (TYP.) | ⑯ PROP. RAISED PVMT MARKING. ONE-WAY CRYSTAL MARKER |
| ⑤ PROP. THERMOPLASTIC PVMT MARKING, 4" WHITE, 10' DASH - 30' SKIP (TYP.) | ⑪ PROP. THERMOPLASTIC PVMT MARKING, 12" WHITE (TYP.) | ⑰ PROP. RAISED PVMT MARKING. ONE-WAY AMBER MARKER |
| ⑥ PROP. THERMOPLASTIC PVMT MARKING, 6" WHITE, 2" DASH - 6' SKIP, (TYP.) | ⑫ PROP. POLYUREA PVMT MARKING, TYPE I - 4", DOUBLE YELLOW (TYP.) | ⑱ PROP. RAISED MPVMT MARKING. TWO-WAY AMBER MARKER |





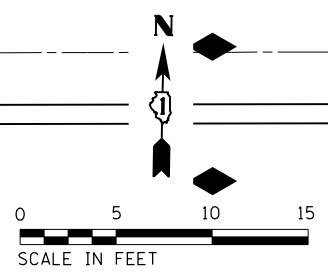
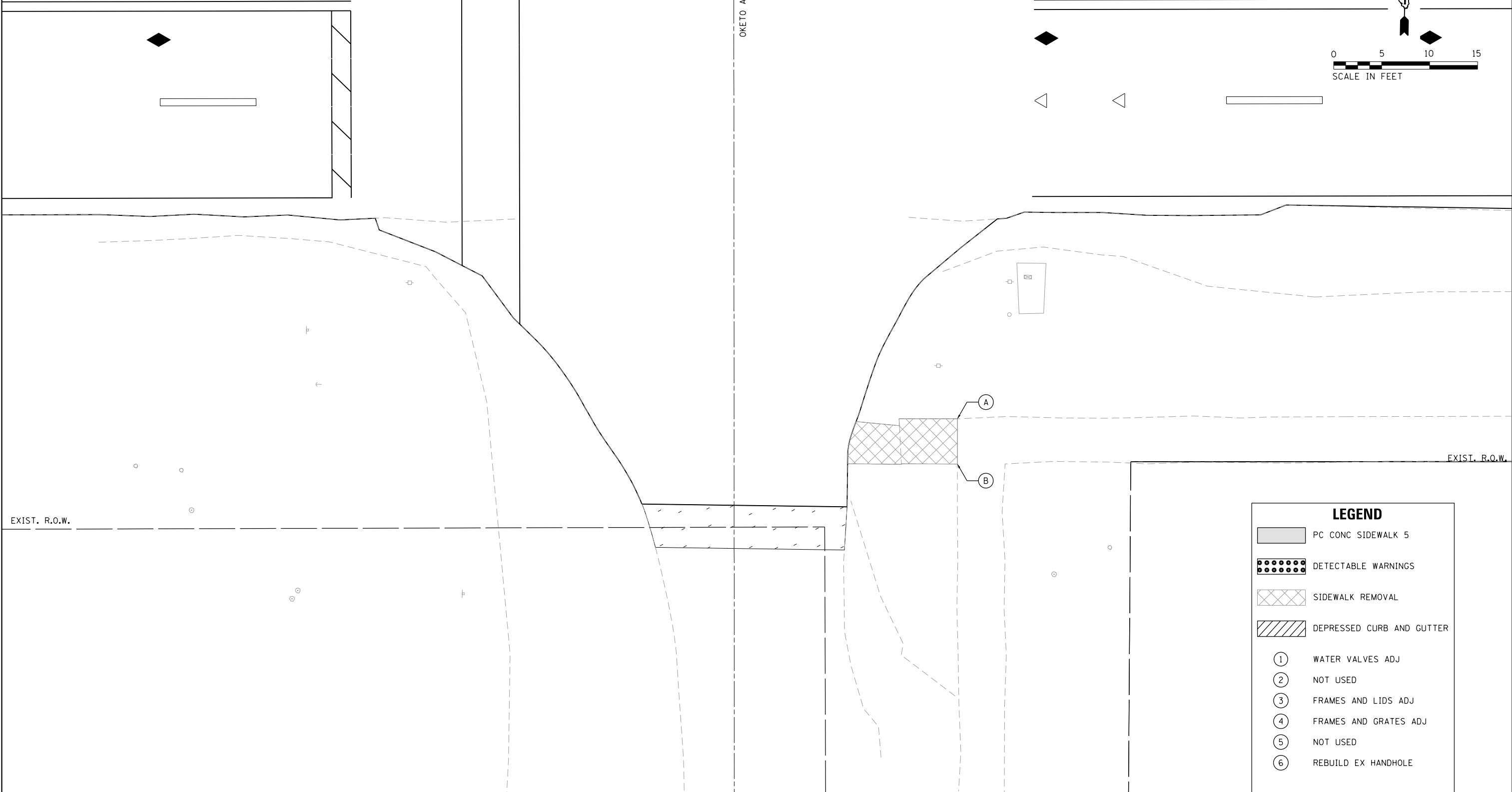
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| ① PROP. THERMOPLASTIC PVMT MARKING, 4" DOUBLE YELLOW (TYP.) | ⑦ PROP. THERMOPLASTIC PVMT MARKING, 4" YELLOW (TYP.) | ⑬ PROP. POLYUREA PVMT MARKING, TYPE I - 12", YELLOW (TYP.) |
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| ⑤ PROP. THERMOPLASTIC PVMT MARKING, 4" WHITE, 10' DASH - 30' SKIP (TYP.) | ⑪ PROP. THERMOPLASTIC PVMT MARKING, 12" WHITE (TYP.) | ⑰ PROP. RAISED PVMT MARKING. ONE-WAY AMBER MARKER |
| ⑥ PROP. THERMOPLASTIC PVMT MARKING, 6" WHITE, 2" DASH - 6' SKIP, (TYP.) | ⑫ PROP. POLYUREA PVMT MARKING, TYPE I - 4", DOUBLE YELLOW (TYP.) | ⑱ PROP. RAISED MPVMT MARKING. TWO-WAY AMBER MARKER |



FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN			F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL\$		DRAWN - KW	REVISED -		111TH STREET			1581	0208-R5	COOK	44	11	
	PLOT SCALE = 100.0000' / 1" =	CHECKED - JH	REVISED -		SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 62C70	
#MODELNAME\$	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -		ILLINOIS FED. AID PROJECT								

111TH ST AND OKETO AVE

POINT	A	B
STATION	30+00.2	30+00.2
OFFSET	46.4 RT	51.1 RT
ELEVATION	EXISTING	EXISTING



LEGEND

	PC CONC SIDEWALK 5
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
①	WATER VALVES ADJ
②	NOT USED
③	FRAMES AND LIDS ADJ
④	FRAMES AND GRATES ADJ
⑤	NOT USED
⑥	REBUILD EX HANDHOLE

111TH ST AND OKETO AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	•CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
SOUTHEAST CORNER	0	0	0	50	0	0.0

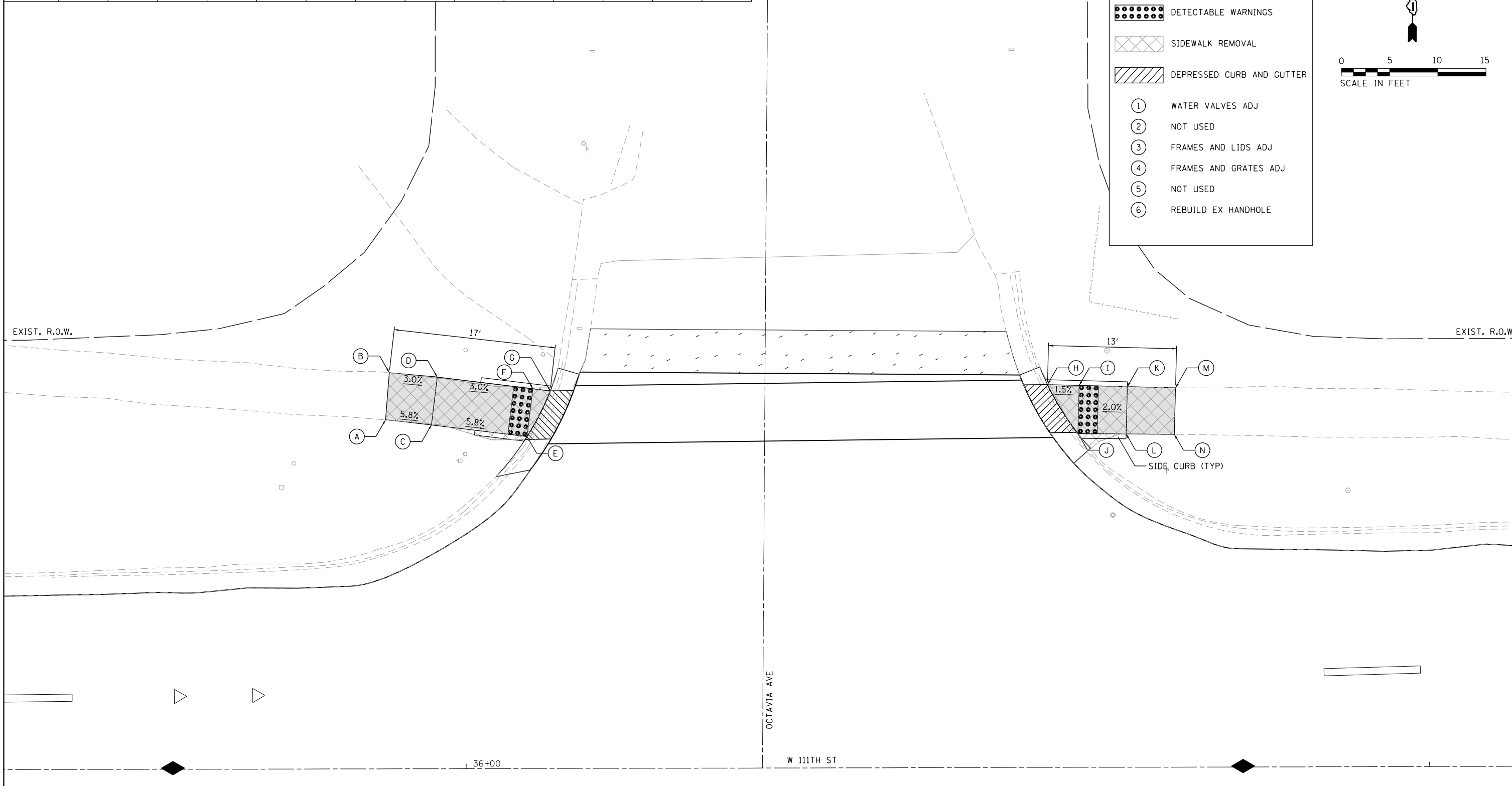
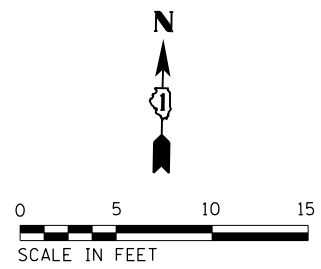
• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

111TH ST AND OCTAVIA AVE

POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N
STATION	35+91.7	35+92.1	35+96.5	35+97.1	36+06.4	36+07.0	36+08.8	36+60.4	36+63.7	36+63.6	36+68.7	36+68.6	36+73.7	36+73.6
OFFSET	36.3 LT	41.1 LT	35.7 LT	40.7 LT	34.5 LT	39.4 LT	39.2 LT	39.8 LT	39.7 LT	34.7 LT	39.5 LT	34.6 LT	39.4 LT	34.6 LT
ELEVATION	EXISTING	EXISTING	610.18	609.87	609.60	609.57	609.55	609.28	609.30	609.30	609.40	609.40	EXISTING	EXISTING

LEGEND

- PC CONC SIDEWALK 5
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE



111TH ST AND OCTAVIA AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	• CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
NORTHWEST CORNER	80	10	24	162	6.5	0.0
NORTHEAST CORNER	59	10	10	60	6.5	0.0

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -
#FILEL#		DRAWN - KW	REVISED -
	PLOT SCALE = 10.0000' / 1"	CHECKED - JH	REVISED -
#MODELNAME#	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
111TH STREET AT OCTAVIA AVE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-RS	COOK	44	13

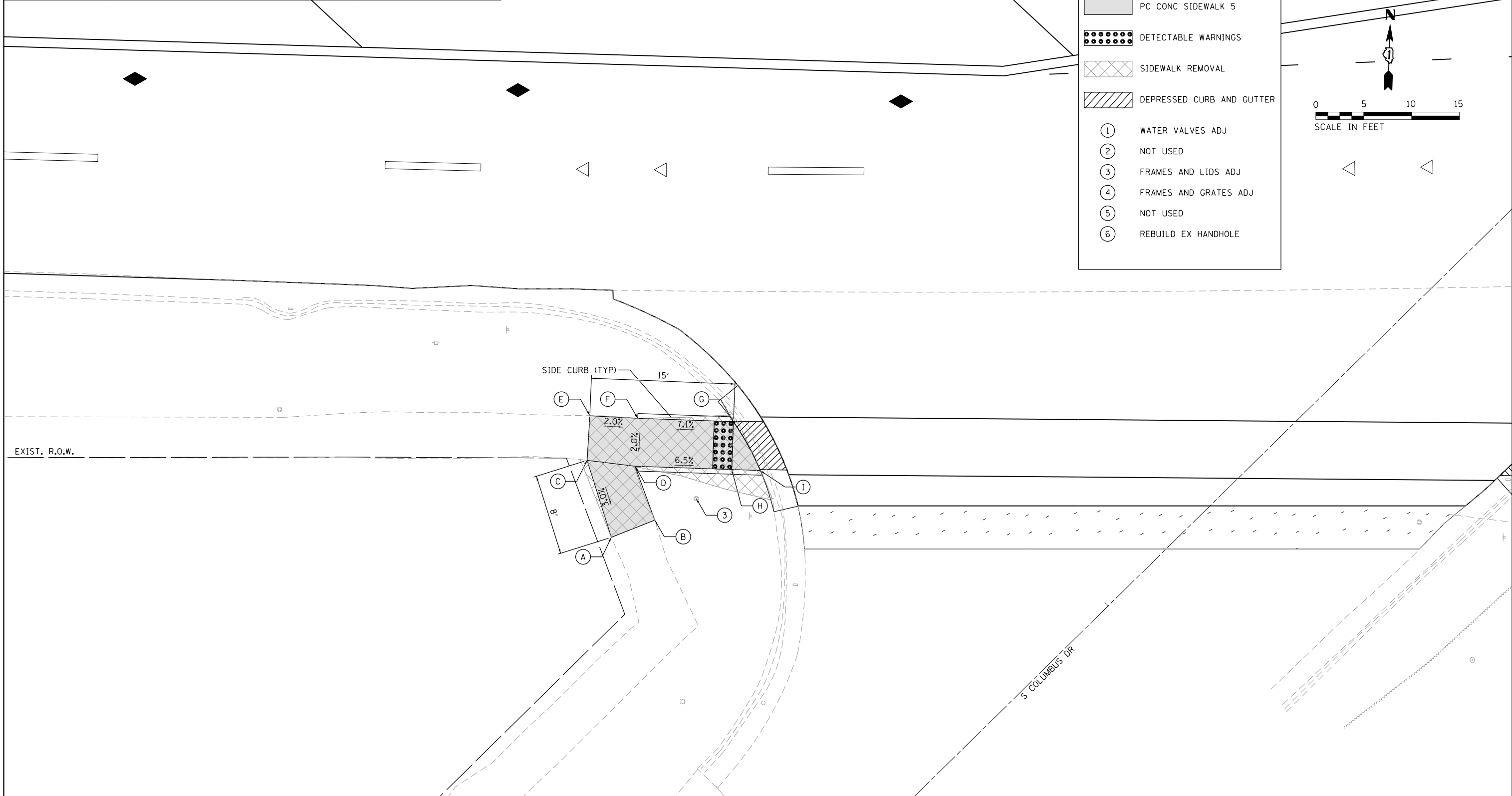
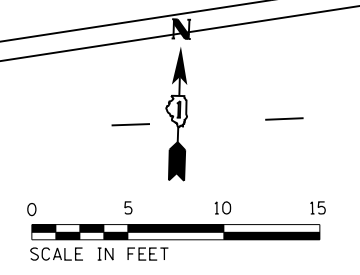
CONTRACT NO. 62C70
ILLINOIS FED. AID PROJECT

111TH ST AND COLUMBUS DR

POINT	A	B	C	D	E	F	G	H	I
STATION	38+91.6	38+96.2	38+89.1	38+94.1	38+89.4	38+94.4	39+04.4	39+04.2	39+07.2
OFFSET	60.5 RT	58.7 RT	52.4 RT	53.1 RT	47.8 RT	48.1 RT	48.4 RT	53.4 RT	53.6 RT
ELEVATION	EXISTING	EXISTING	EXISTING	607.79	EXISTING	607.84	607.13	607.13	607.10

LEGEND

- PC CONC SIDEWALK 5
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE



111TH ST AND COLUMBUS DR

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	• CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
SOUTHWEST CORNER	117	10	13	143	11.5	0.0

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -
#FILE#		DRAWN - KW	REVISED -
	PLOT SCALE = 10.0000' / 1"	CHECKED - JH	REVISED -
#MODELNAME#	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
111TH STREET AT COLUMBUS DR**

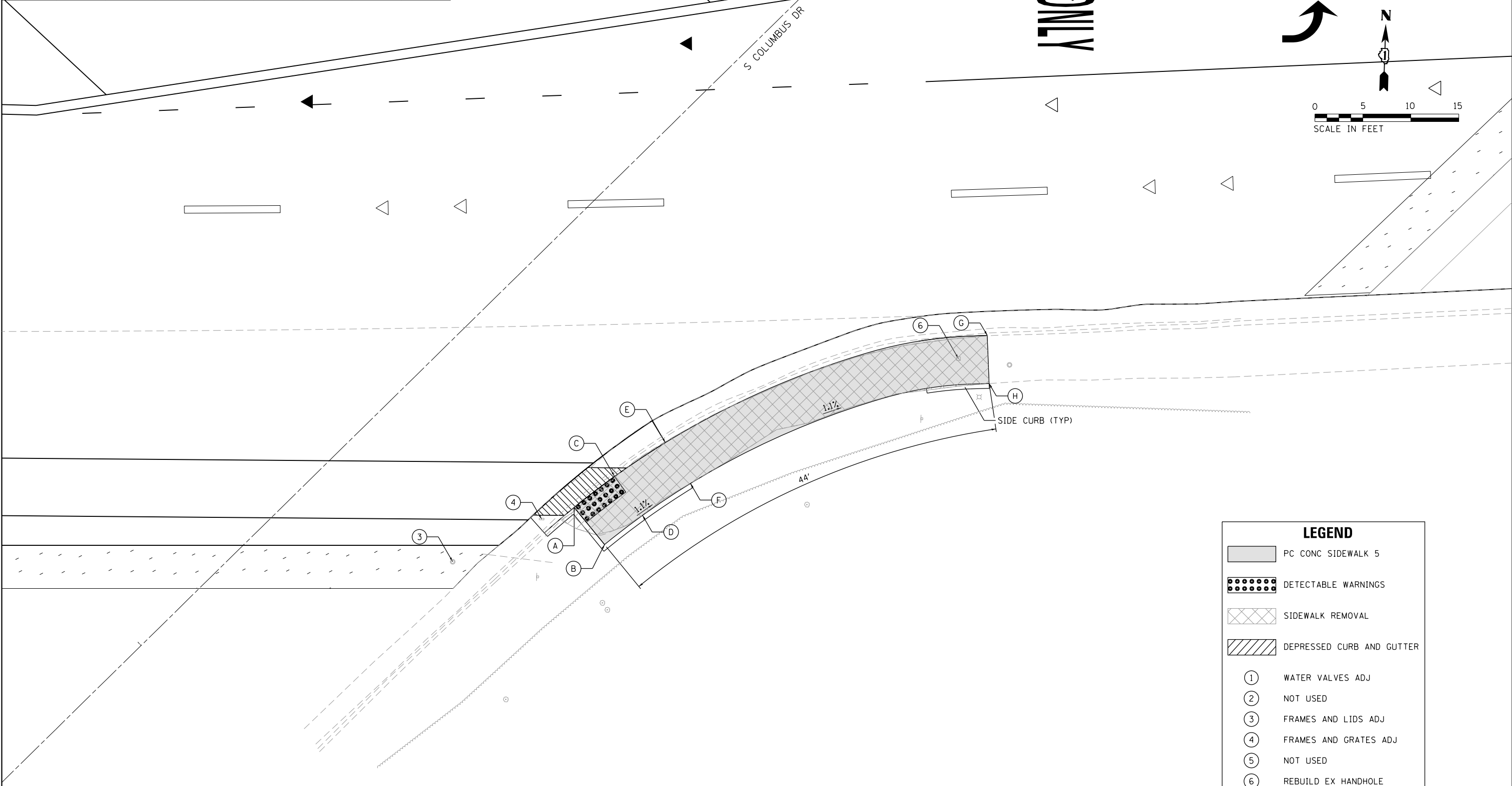
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-R5	COOK	44	14

CONTRACT NO. 62C70

ILLINOIS FED. AID PROJECT

111TH ST AND COLUMBUS DR								
POINT	A	B	C	D	E	F	G	H
STATION	39+86.9	39+89.9	39+91.2	39+94.0	39+96.6	39+99.1	40+30.6	40+30.6
OFFSET	54.8 RT	58.8 RT	51.7 RT	55.9 RT	48.4 RT	52.8 RT	38.5 RT	43.5 RT
ELEVATION	606.84	606.92	606.92	607.01	607.28	607.38	EXISTING	EXISTING



LEGEND	
	PC CONC SIDEWALK 5
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
①	WATER VALVES ADJ
②	NOT USED
③	FRAMES AND LIDS ADJ
④	FRAMES AND GRATES ADJ
⑤	NOT USED
⑥	REBUILD EX HANDHOLE

111TH ST AND COLUMBUS DR						
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	• CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
SOUTHEAST CORNER	230	10	52	223	13.5	0.0

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -
#FILEL\$		DRAWN - KW	REVISED -
	PLOT SCALE = 10.0000' / 1"	CHECKED - JH	REVISED -
#MODELNAME\$	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS			
111TH STREET AT COLUMBUS DR			
SCALE: 1" = 5'	SHEET	OF SHEETS	STA. TO STA.





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-RS	COOK	44	15
CONTRACT NO. 62C70				
ILLINOIS FED. AID PROJECT				

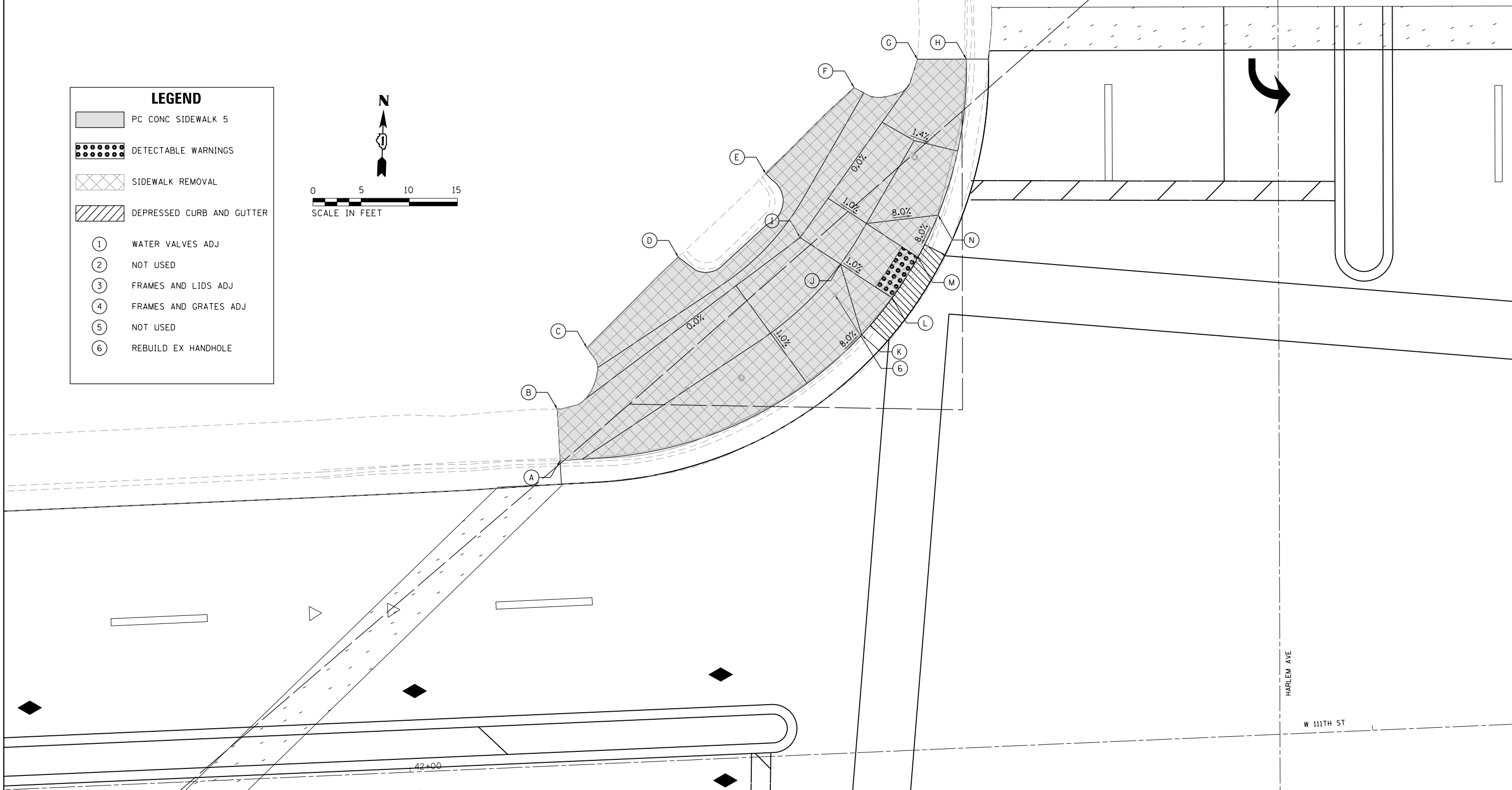
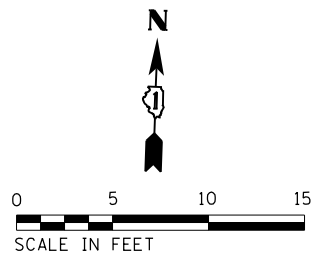
EXIST. R.O.W.

111TH ST AND HARLEM AVE

POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N
STATION	42+17.0	42+16.9	42+20.2	42+30.1	42+39.6	42+49.1	42+55.8	42+60.9	42+42.9	42+46.9	42+48.8	42+52.1	42+55.0	42+57.3
OFFSET	31.6 LT	37.0 LT	43.2 LT	52.2 LT	60.5 LT	69.0 LT	71.6 LT	71.4 LT	53.7 LT	50.8 LT	43.3 LT	47.0 LT	51.1 LT	55.4 LT
ELEVATION	EXISTING	EXISTING	608.90	608.90	608.90	608.90	EXISTING	EXISTING	608.60	608.50	608.46	608.02	608.02	608.44

LEGEND

-  PC CONC SIDEWALK 5
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL
-  DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE



111TH ST AND HARLEM AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	• CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
NORTHWEST CORNER	780	10	67	780	0	0.0

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -
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	PLOT SCALE = 10.0000' / in.	CHECKED - JH	REVISED -
#MODELNAME\$	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
111TH STREET AT HARLEM AVE**

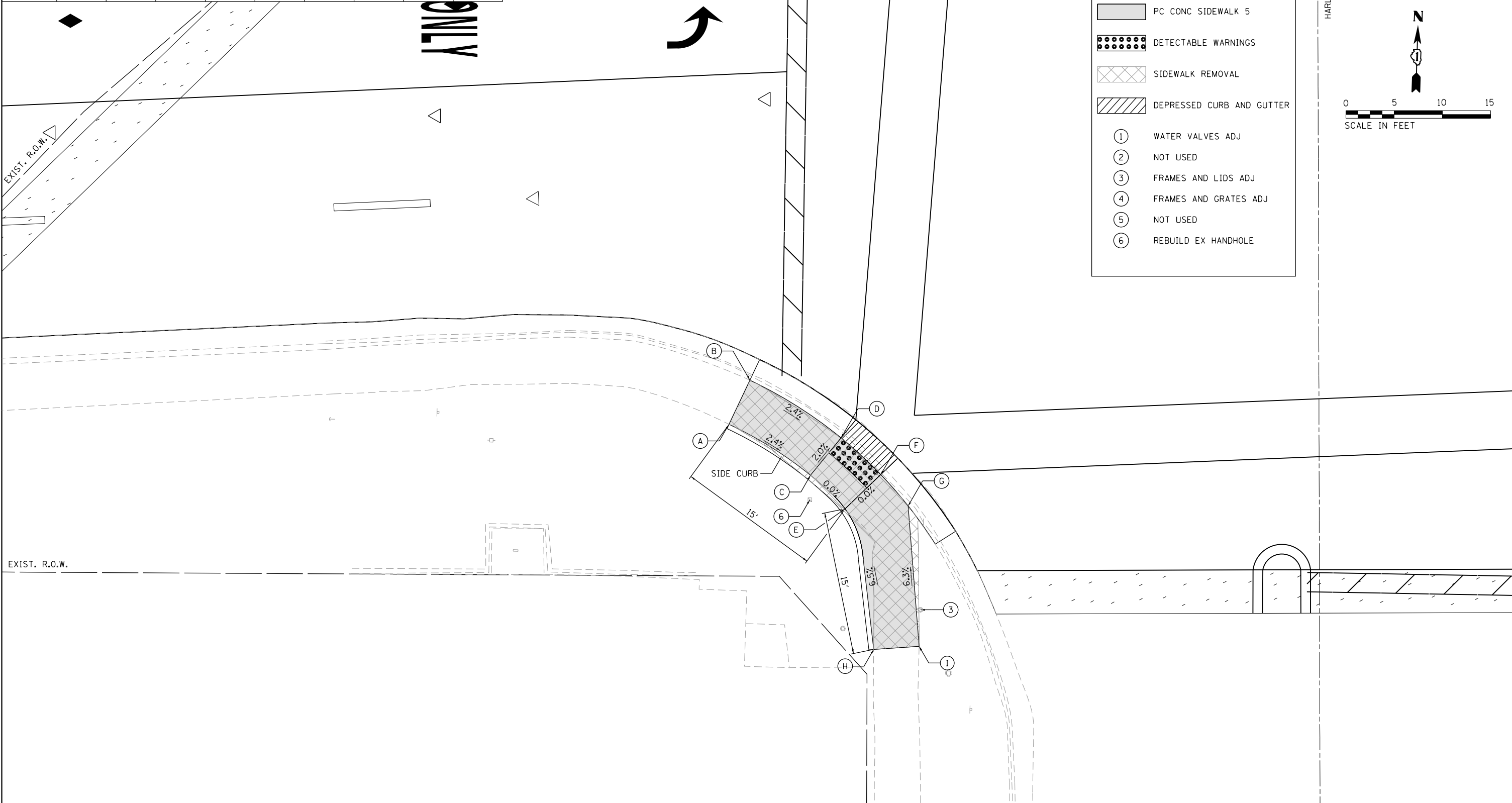
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-RS	COOK	44	16
CONTRACT NO. 62C70				

ILLINOIS FED. AID PROJECT

111TH ST AND HARLEM AVE

POINT	A	B	C	D	E	F	G	H	I
STATION	42+27.2	42+29.6	42+35.5	42+38.8	42+38.9	42+42.7	42+45.4	42+41.2	42+45.9
OFFSET	47.4 RT	42.9 RT	53.0 RT	49.3 RT	56.6 RT	53.3 RT	56.6 RT	71.3 RT	71.2 RT
ELEVATION	EXISTING	EXISTING	608.78	608.68	608.78	608.78	608.81	EXISTING	EXISTING



111TH ST AND HARLEM AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	• CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
SOUTHWEST CORNER	166	11	26	167	15	0.2

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -
*FILE#		DRAWN - KW	REVISED -
	PLOT SCALE = 10.0000' / 1" =	CHECKED - JH	REVISED -
*MODELNAME#	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
111TH STREET AT HARLEM AVE**

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

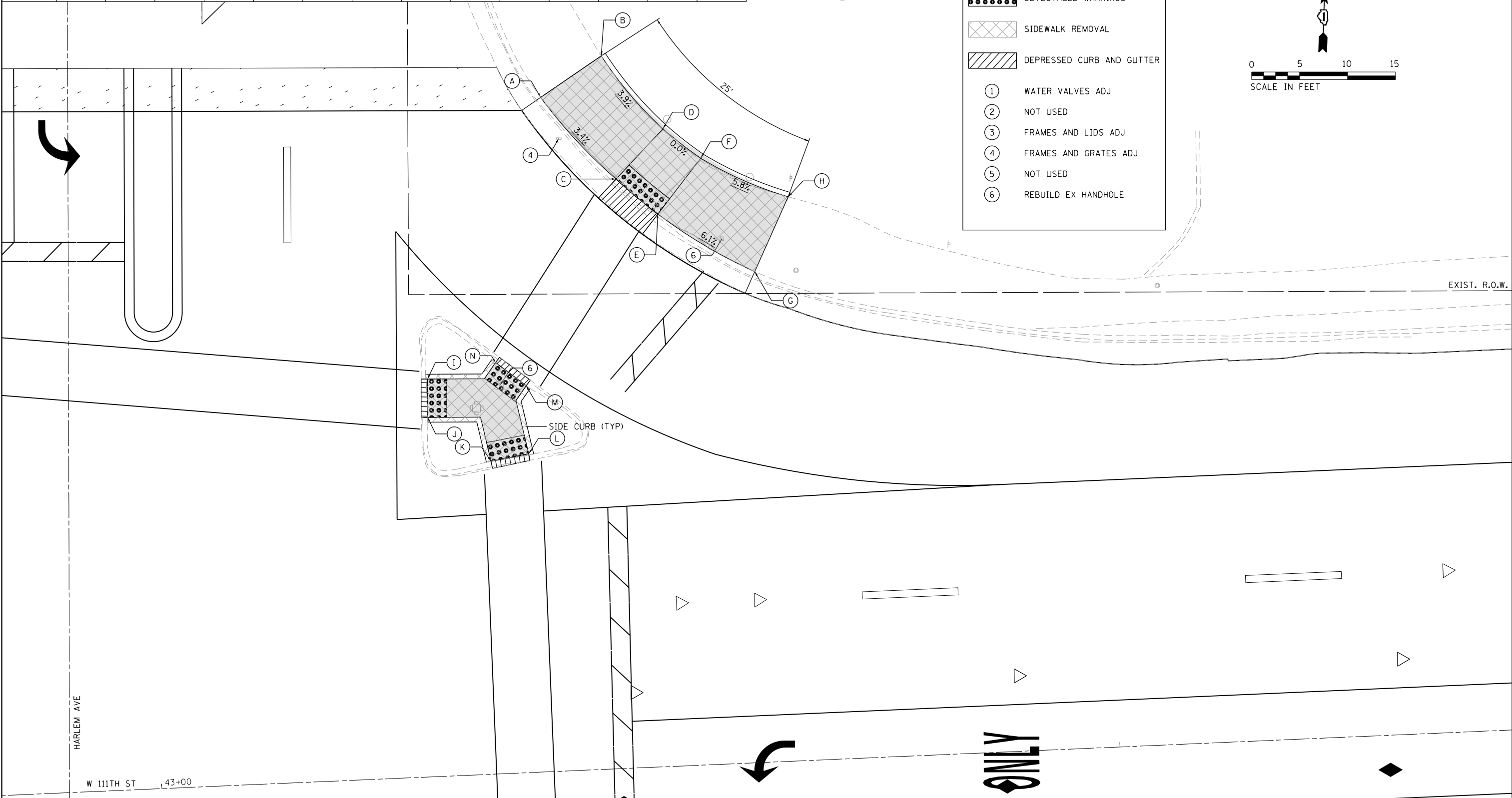
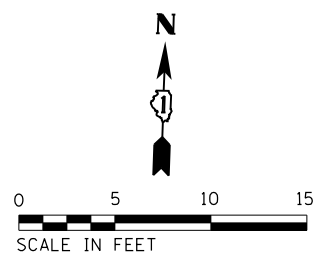
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-R5	COOK	44	17
CONTRACT NO. 62C70				
ILLINOIS FED. AID PROJECT				

111TH ST AND HARLEM AVE

POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N
STATION	43+42.6	43+49.1	43+50.1	43+55.2	43+54.3	43+59.0	43+64.1	43+67.9	43+29.5	43+29.4	43+35.8	43+39.7	43+39.8	43+36.7
OFFSET	70.3 LT	74.4 LT	61.5 LT	66.5 LT	57.6 LT	63.3 LT	51.2 LT	58.9 LT	41.5 LT	37.5 LT	32.6 LT	33.2 LT	40.3 LT	42.9 LT
ELEVATION	EXISTING	EXISTING	607.66	607.82	607.66	607.82	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING

LEGEND

- PC CONC SIDEWALK 5
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE



111TH ST AND HARLEM AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	•CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
NORTHEAST CORNER	268	40	29	272	25	0.0

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -
#FILE#		DRAWN - KW	REVISED -
	PLOT SCALE = 10.0000' / 1" =	CHECKED - JH	REVISED -
#MODELNAME#	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
111TH STREET AT HARLEM AVE**

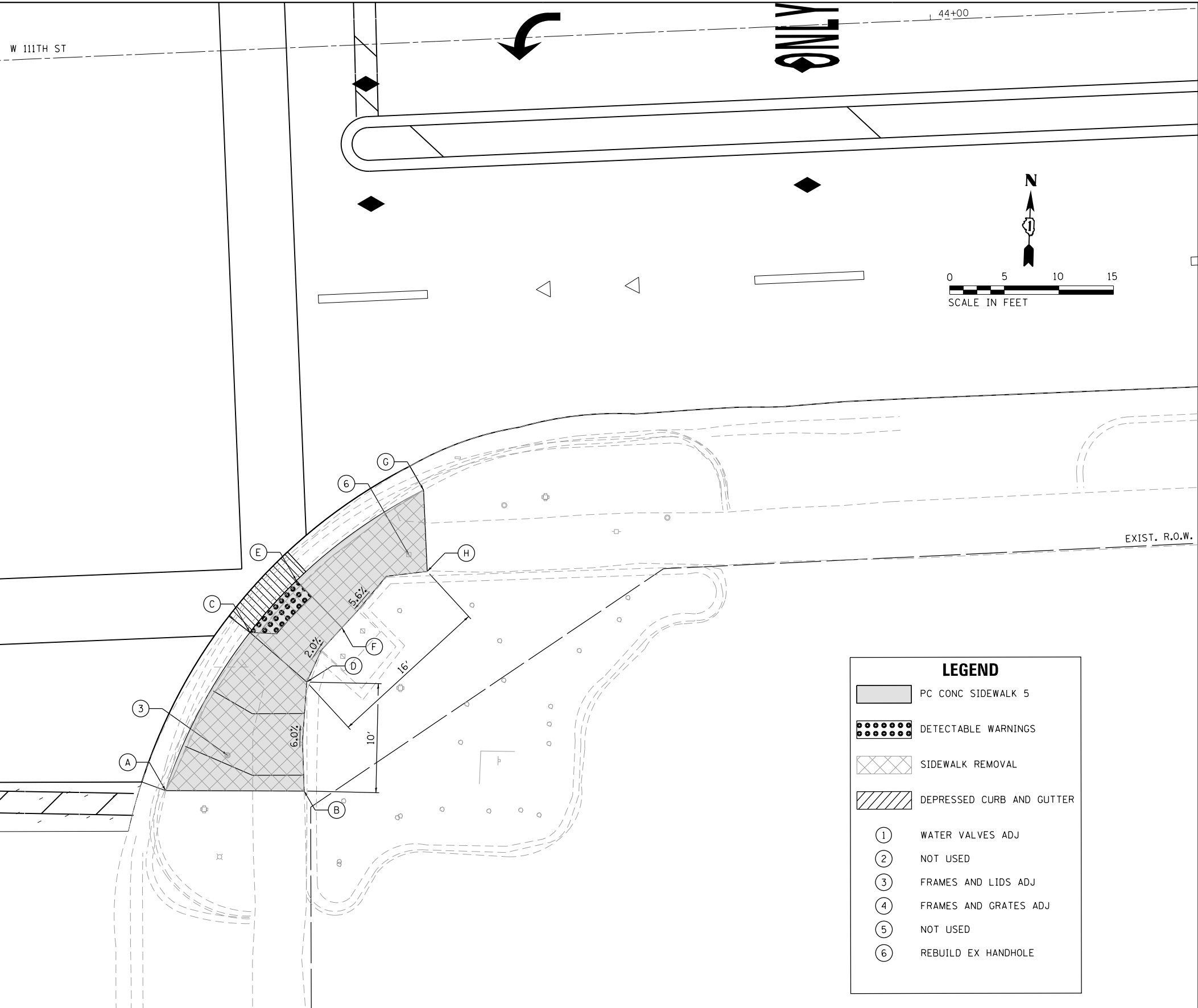
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-RS	COOK	44	18

CONTRACT NO. 62C70

ILLINOIS FED. AID PROJECT

111TH ST AND HARLEM AVE								
POINT	A	B	C	D	E	F	G	H
STATION	43+27.0	43+39.6	43+35.3	43+40.3	43+39.8	43+43.7	43+51.8	43+51.8
OFFSET	67.5 RT	68.1 RT	53.3 RT	58.1 RT	48.8 RT	53.3 RT	41.0 RT	48.5 RT
ELEVATION	EXISTING	EXISTING	608.92	608.98	608.82	608.92	EXISTING	EXISTING



LEGEND	
	PC CONC SIDEWALK 5
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	DEPRESSED CURB AND GUTTER
①	WATER VALVES ADJ
②	NOT USED
③	FRAMES AND LIDS ADJ
④	FRAMES AND GRATES ADJ
⑤	NOT USED
⑥	REBUILD EX HANDHOLE

111TH ST AND HARLEM AVE						
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	•CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
SOUTHEAST CORNER	224	11	37	217	0	0.0

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -
#FILEL#		DRAWN - KW	REVISED -
	PLOT SCALE = 10.0000' / 1"	CHECKED - JH	REVISED -
#MODELNAME#	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -

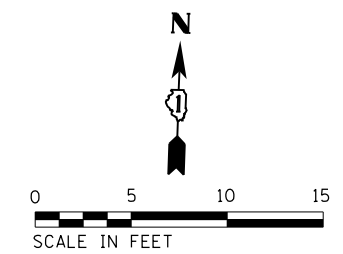
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS			
111TH STREET AT HARLEM AVE			
SCALE: 1" = 5'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-R5	COOK	44	19
CONTRACT NO. 62C70				
ILLINOIS FED. AID PROJECT				

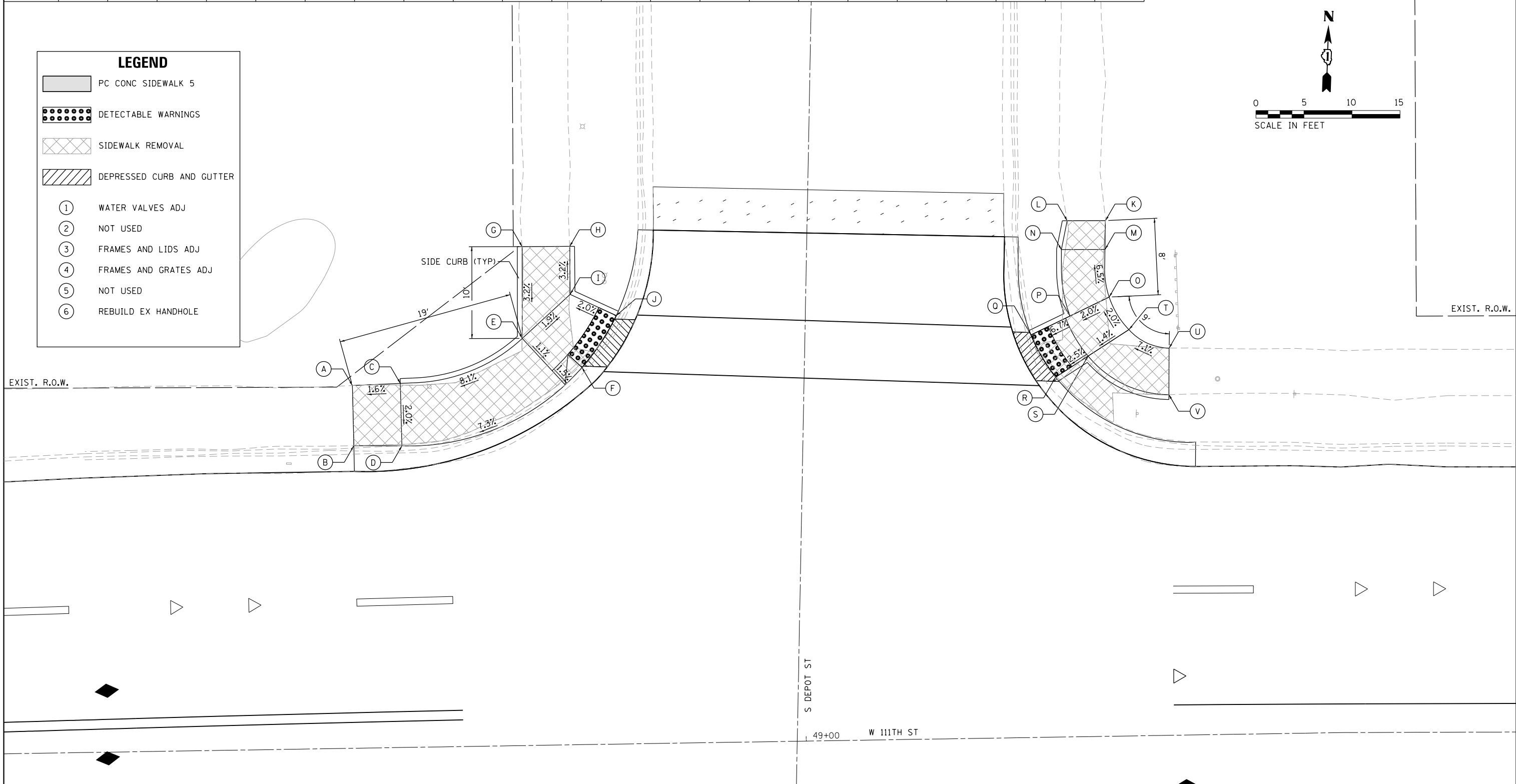
111TH ST AND DEPOT ST

POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
STATION	48+53.3	48+53.4	48+58.3	48+58.4	48+71.1	48+77.3	48+71.2	48+76.2	48+76.2	48+80.9	49+32.0	49+28.0	49+31.9	49+27.4	49+32.3	49+28.2	49+24.1	49+26.6	49+30.0	49+34.3	49+38.4	49+38.3
OFFSET	37.8 LT	31.5 LT	37.9 LT	31.4 LT	42.4 LT	39.3 LT	52.0 LT	51.9 LT	46.9 LT	44.6 LT	53.7 LT	53.7 LT	50.7 LT	50.8 LT	45.7 LT	43.8 LT	41.9 LT	37.5 LT	39.6 LT	42.3 LT	40.3 LT	35.5 LT
ELEVATION	EXISTING	EXISTING	616.80	616.93	615.67	615.63	EXISTING	EXISTING	615.40	615.51	EXISTING	EXISTING	614.84	614.74	615.19	615.06	614.79	615.08	615.18	615.26	EXISTING	EXISTING



LEGEND

- PC CONC SIDEWALK 5
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE



111TH ST AND DEPOT ST						
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
NORTHWEST CORNER	224	11	42	186	8.5	1.1
NORTHEAST CORNER	108	10	32	126	7	0.5

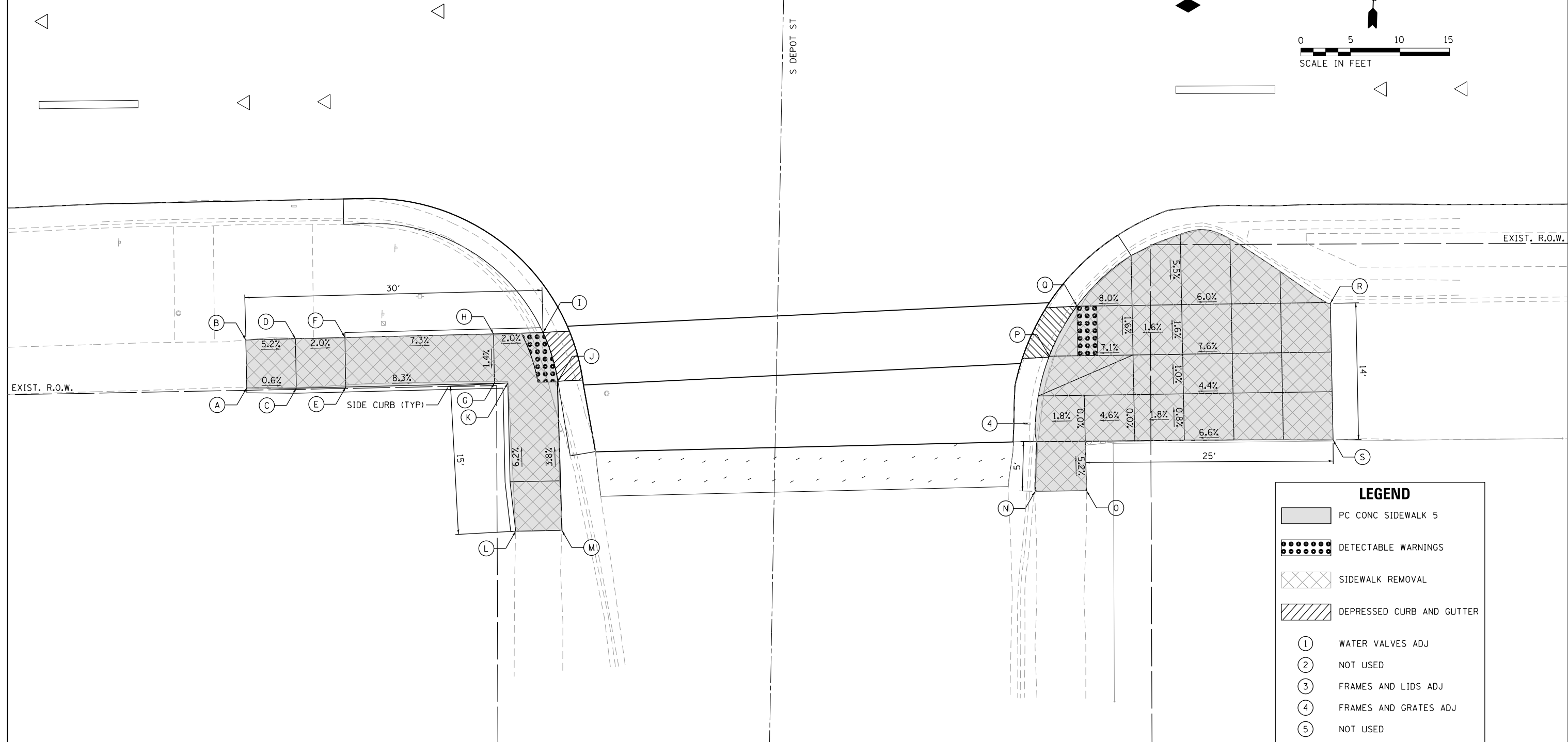
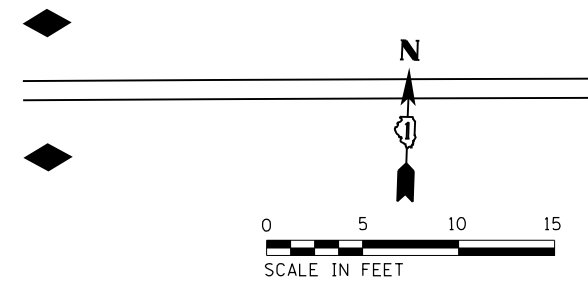
• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY DETAILS 111TH STREET AT DEPOT ST	F.A.U. RTE. = 1581	SECTION = 0208-RS	COUNTY = COOK	TOTAL SHEETS = 44	SHEET NO. = 20	
#FILEL\$	PLOT SCALE = 10.0000' / 1" =	CHECKED - JH	REVISED -			CONTRACT NO. 62C70					
#MODELNAME\$	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.					

49+00 W 111TH ST

111TH ST AND DEPOT ST

POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
STATION	48+43.9	48+43.9	48+48.9	48+48.9	48+53.9	48+53.9	48+68.9	48+68.9	48+73.9	48+75.3	48+70.3	48+70.8	48+75.5	49+23.3	49+28.5	49+24.9	49+27.8	49+53.4	49+53.4
OFFSET	49.4 RT	44.6 RT	49.6 RT	44.6 RT	49.5 RT	44.5 RT	49.4 RT	44.4 RT	44.3 RT	49.3 RT	49.4 RT	64.3 RT	64.3 RT	61.1 RT	61.2 RT	47.5 RT	42.5 RT	42.6 RT	56.4 RT
ELEVATION	EXISTING	EXISTING	617.02	616.92	616.92	616.82	615.68	615.73	615.65	615.55	615.55	EXISTING	EXISTING	EXISTING	EXISTING	615.20	615.37	EXISTING	615.18



LEGEND

- PC CONC SIDEWALK 5
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE

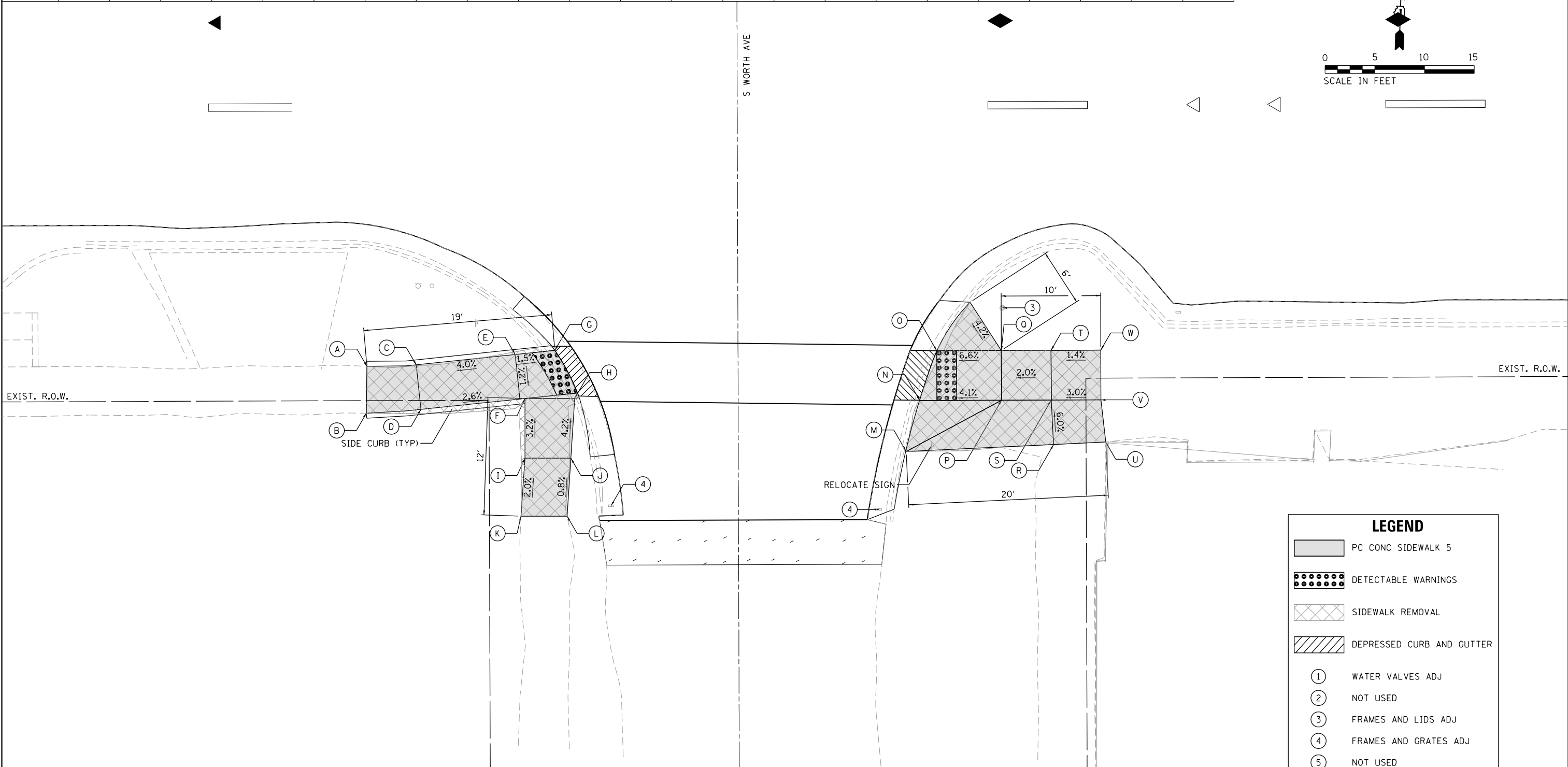
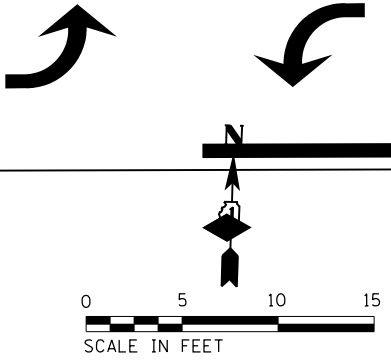
111TH ST AND DEPOT ST

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	•CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
SOUTHWEST CORNER	230	11	38	213	30	0.0
SOUTHEAST CORNER	533	10	22	526	0	0.0

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

111TH ST AND WORTH AVE

POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
STATION	52+74.3	52+74.2	52+79.2	52+79.7	52+89.2	52+90.1	52+93.1	52+95.1	52+90.1	52+94.7	52+89.7	52+94.3	53+28.4	53+29.8	53+31.5	53+38.1	53+38.0	53+43.3	53+43.1	53+43.0	53+48.5	53+48.1	53+48.0
OFFSET	47.1 RT	51.8 RT	47.0 RT	51.4 RT	45.9 RT	50.4 RT	45.5 RT	50.4 RT	56.4 RT	56.4 RT	62.2 RT	62.2 RT	55.8 RT	50.7 RT	45.7 RT	50.7 RT	45.7 RT	55.2 RT	50.7 RT	45.7 RT	54.9 RT	50.7 RT	45.7 RT
ELEVATION	EXISTING	EXISTING	613.36	614.44	613.76	613.70	613.70	613.60	613.86	613.81	EXISTING	EXISTING	614.14	613.81	613.84	614.30	614.27	EXISTING	614.40	614.37	EXISTING	EXISTING	EXISTING



LEGEND

- PC CONC SIDEWALK 5
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE

111TH ST AND WORTH AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	*CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
SOUTHWEST CORNER	149	10	18	154	17.5	0.0
SOUTHEAST CORNER	194	10	24	192	0	0.0

* PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -
*FILEL#		DRAWN - KW	REVISED -
	PLOT SCALE = 10.0000' / 1in.	CHECKED - JH	REVISED -
*MODELNAME#	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
111TH STREET AT WORTH AVE**

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





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-R5	COOK	44	22

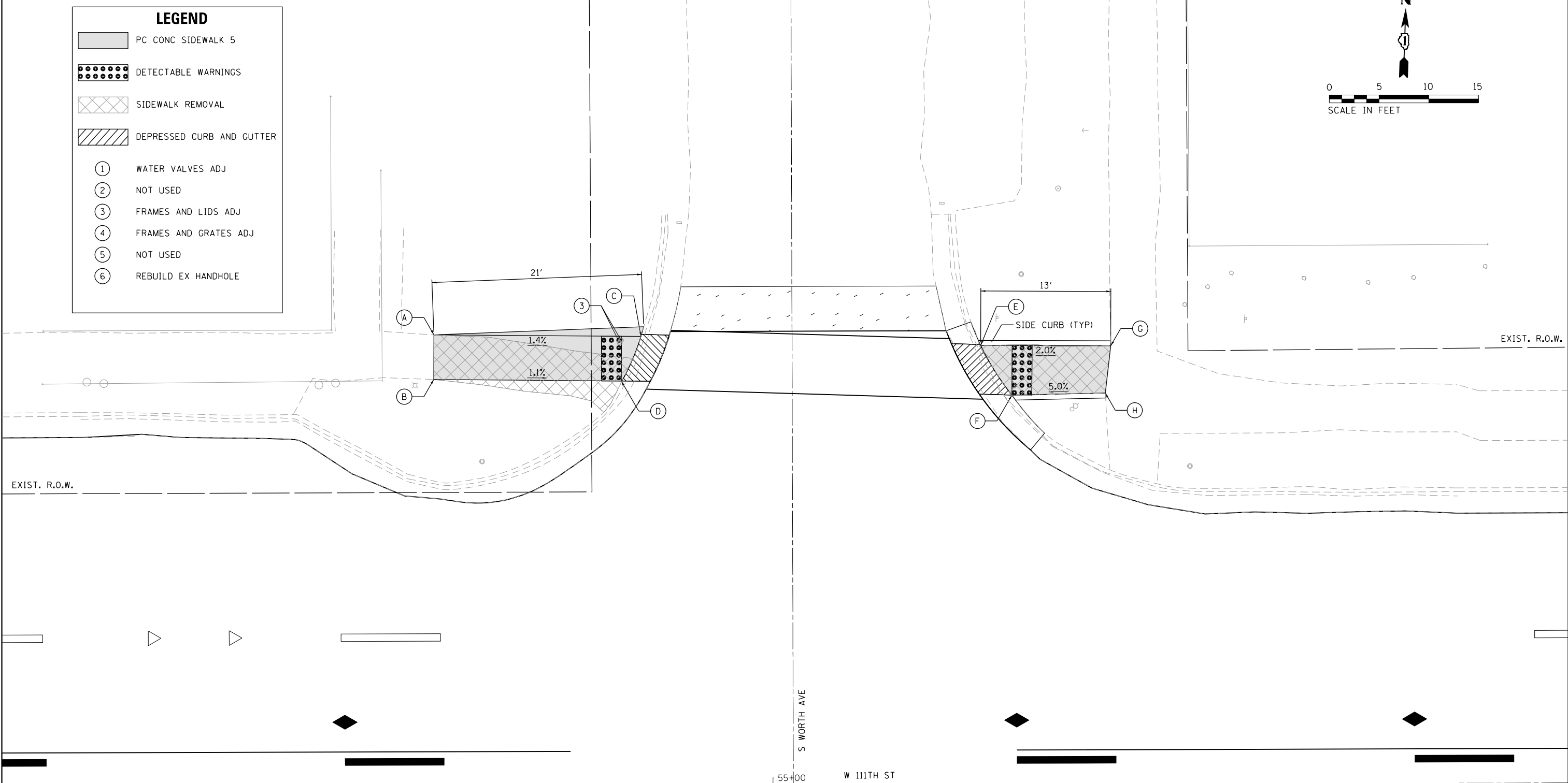
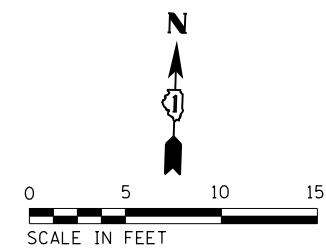
CONTRACT NO. 62C70
ILLINOIS FED. AID PROJECT

111TH ST AND WORTH AVE

POINT	A	B	C	D	E	F	G	H
STATION	54+66.0	54+66.0	54+86.9	54+84.9	55+21.0	55+24.1	55+34.1	55+33.5
OFFSET	45.4 LT	40.9 LT	45.2 LT	40.7 LT	44.2 LT	39.2 LT	44.1 LT	39.4 LT
ELEVATION	EXISTING	EXISTING	614.00	614.10	614.27	614.30	EXISTING	EXISTING

LEGEND

-  PC CONC SIDEWALK 5
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL
-  DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE



111TH ST AND WORTH AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	• CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
NORTHWEST CORNER	101	10	6	91	17.5	0.9
NORTHEAST CORNER	56	10	14	56	11	0.0

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -
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	PLOT SCALE = 10.0000' / 1in.	CHECKED - JH	REVISED -
#MODELNAME\$	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
111TH STREET AT WORTH AVE**

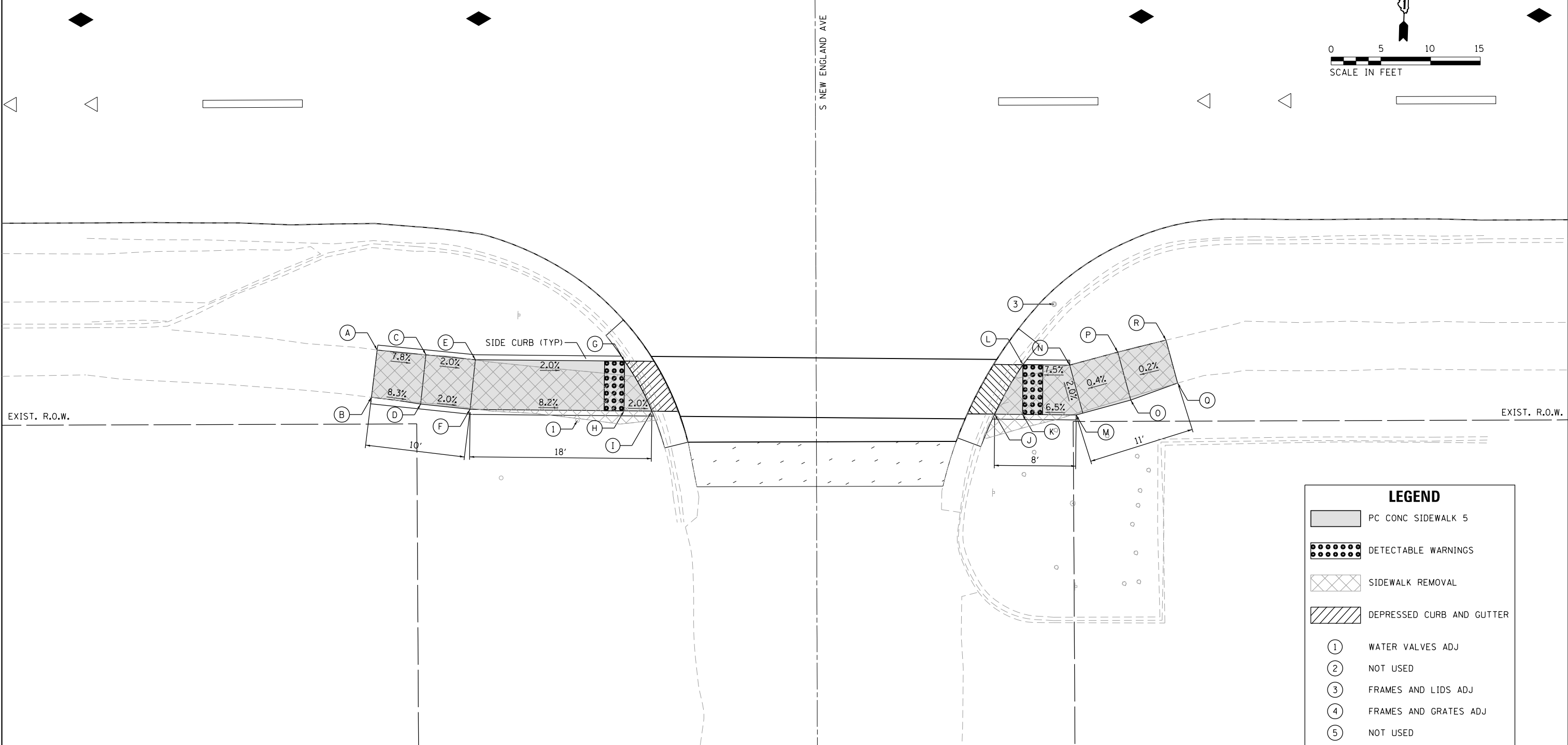
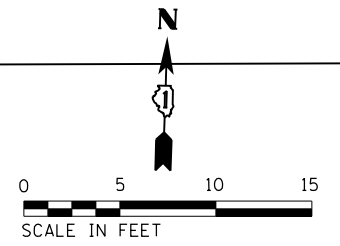
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-RS	COOK	44	23
CONTRACT NO. 62C70			ILLINOIS FED. AID PROJECT	

59+00 W 111TH ST

111TH ST AND NEW ENGLAND AVE

POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
STATION	58+74.2	58+73.6	58+79.1	58+78.6	58+84.1	58+83.6	58+99.1	58+99.0	59+01.8	59+36.3	59+39.1	59+39.1	59+44.5	59+43.9	59+50.0	59+48.7	59+54.7	59+53.5
OFFSET	45.8 RT	50.6 RT	46.3 RT	51.3 RT	46.8 RT	51.8 RT	47.0 RT	52.0 RT	52.1 RT	52.5 RT	52.5 RT	47.5 RT	52.6 RT	47.6 RT	51.1 RT	46.3 RT	49.4 RT	45.1 RT
ELEVATION	EXISTING	EXISTING	611.65	612.48	611.55	612.38	611.25	611.15	611.09	610.46	610.46	610.36	610.81	610.71	610.83	610.73	EXISTING	EXISTING



LEGEND

- PC CONC SIDEWALK 5
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE

111TH ST AND NEW ENGLAND AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	•CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
SOUTHWEST CORNER	133	10	13	133	26.5	0.3
SOUTHEAST CORNER	218	10	12	305	6.5	0.1

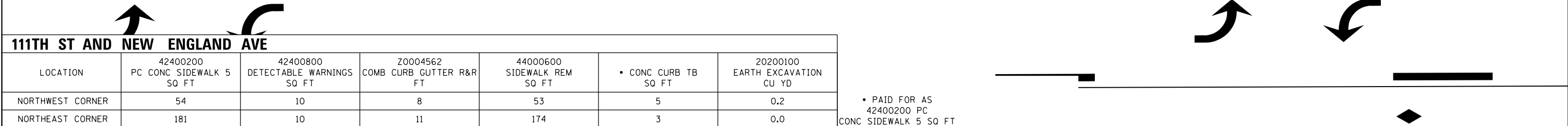
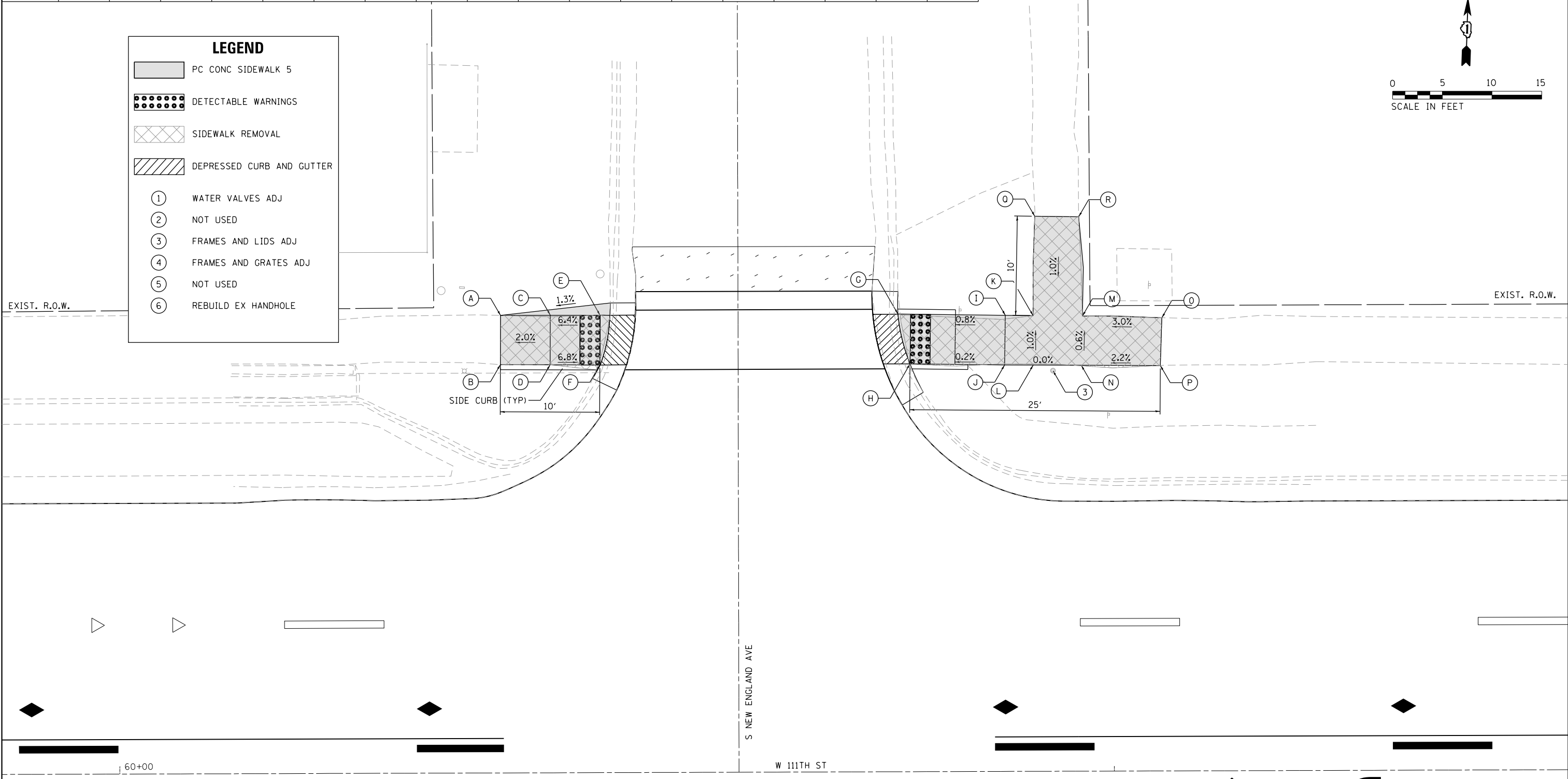
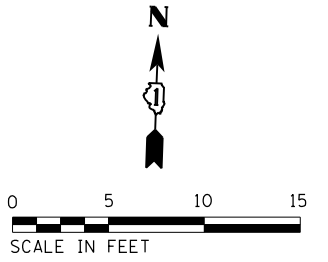
• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

111TH ST AND NEW ENGLAND AVE

POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
STATION	60+38.4	60+38.4	60+43.4	60+43.4	60+48.4	60+48.4	60+78.4	60+79.6	60+89.2	60+89.1	60+92.0	60+92.0	60+96.9	60+96.8	61+04.9	61+04.8	60+92.2	60+96.6
OFFSET	46.0 LT	41.1 LT	46.0 LT	41.0 LT	46.01 LT	41.0 LT	46.1 LT	41.0 LT	45.9 LT	40.9 LT	45.8 LT	40.9 LT	45.8 LT	40.8 LT	45.6 LT	40.8 LT	55.8 LT	55.8 LT
ELEVATION	EXISTING	EXISTING	608.06	608.14	608.38	608.48	608.20	608.33	608.29	608.35	608.30	608.35	608.32	608.35	EXISTING	EXISTING	EXISTING	EXISTING

LEGEND

- PC CONC SIDEWALK 5
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE



111TH ST AND NEW ENGLAND AVE						
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	• CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
NORTHWEST CORNER	54	10	8	53	5	0.2
NORTHEAST CORNER	181	10	11	174	3	0.0

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

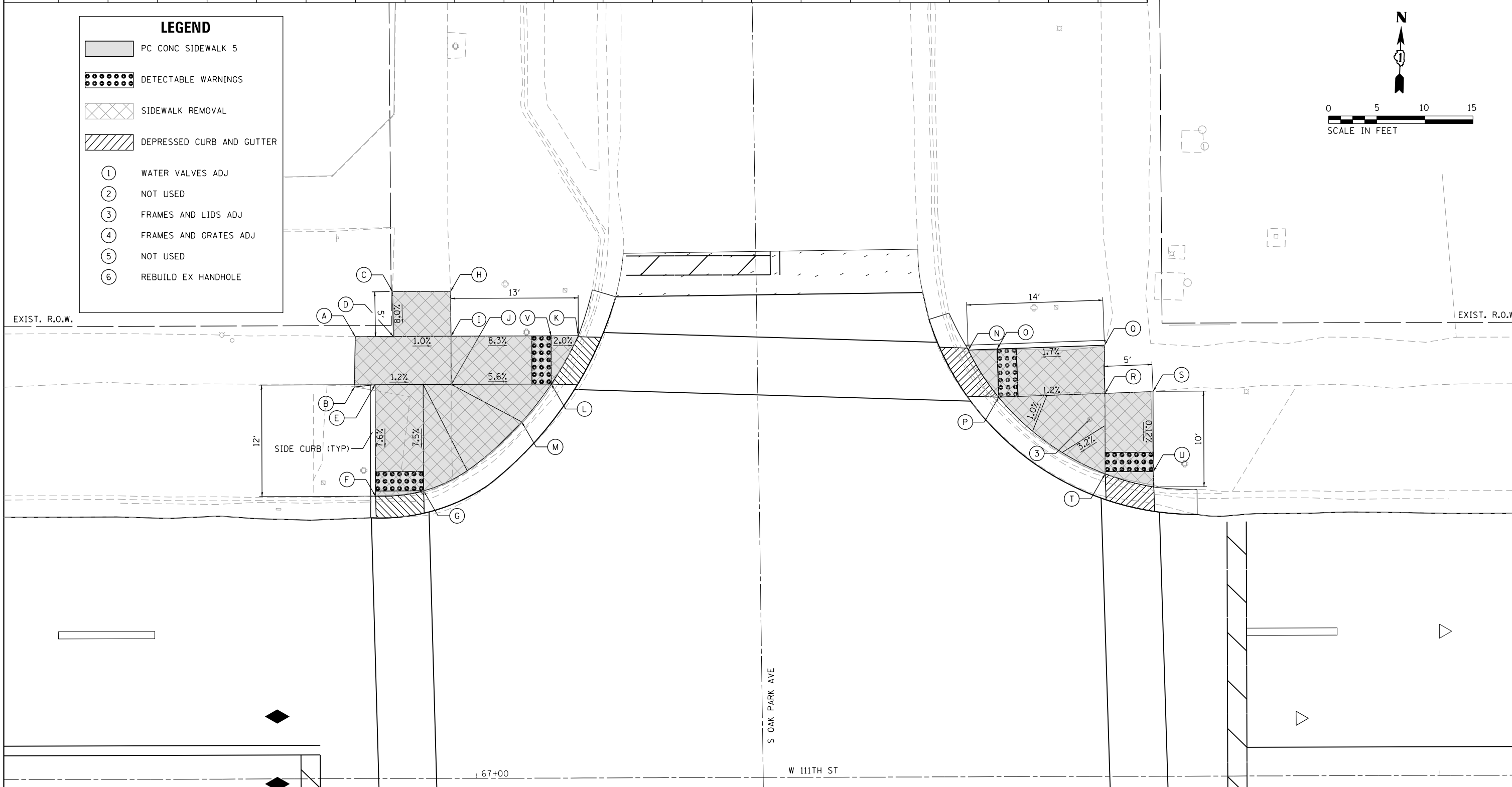
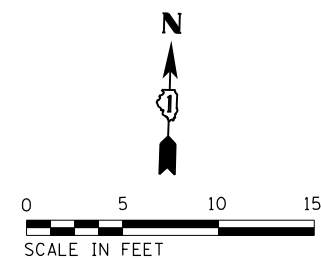
FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY DETAILS 111TH STREET AT NEW ENGLAND AVE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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#MODELNAME\$	PLOT DATE = 1/5/2017	CHECKED - JH	REVISED -			CONTRACT NO. 62C70					
		DATE - 01/09/2017	REVISED -			ILLINOIS FED. AID PROJECT					

111TH ST AND OAK PARK AVE

POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	
STATION	66+87.5	66+87.4	66+91.4	66+91.5	66+89.6	66+89.6	66+94.6	66+97.4	66+97.5	66+97.5	67+10.7	67+07.9	67+04.8	67+51.2	67+54.2	67+54.3	67+65.3	67+65.3	67+70.3	67+65.3	67+70.3	67+05.9	
OFFSET	45.9 LT	40.7 LT	50.6 LT	45.9 LT	40.9 LT	29.3 LT	29.9 LT	50.6 LT	45.9 LT	40.9 LT	45.9 LT	40.9 LT	37.0 LT	44.3 LT	44.4 LT	39.4 LT	44.8 LT	39.8 LT	40.0 LT	31.4 LT	31.7 LT	45.9 LT	
ELEVATION	EXISTING	EXISTING	EXISTING	610.80	610.76	609.88	609.88	EXISTING	610.74	610.70	609.83	609.95	610.70	609.99	610.02	610.05	EXISTING	EXISTING	EXISTING	EXISTING	610.20	610.17	609.87

LEGEND

- PC CONC SIDEWALK 5
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE



111TH ST AND OAK PARK AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	• CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
NORTHWEST CORNER	285	20	34	287	6	0.0
NORTHEAST CORNER	164	20	34	165	7	0.0

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -
*FILEL\$		DRAWN - KW	REVISED -
	PLOT SCALE = 10.0000' / 1"	CHECKED - JH	REVISED -
*MODELNAME\$	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

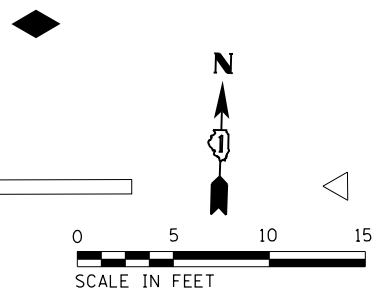
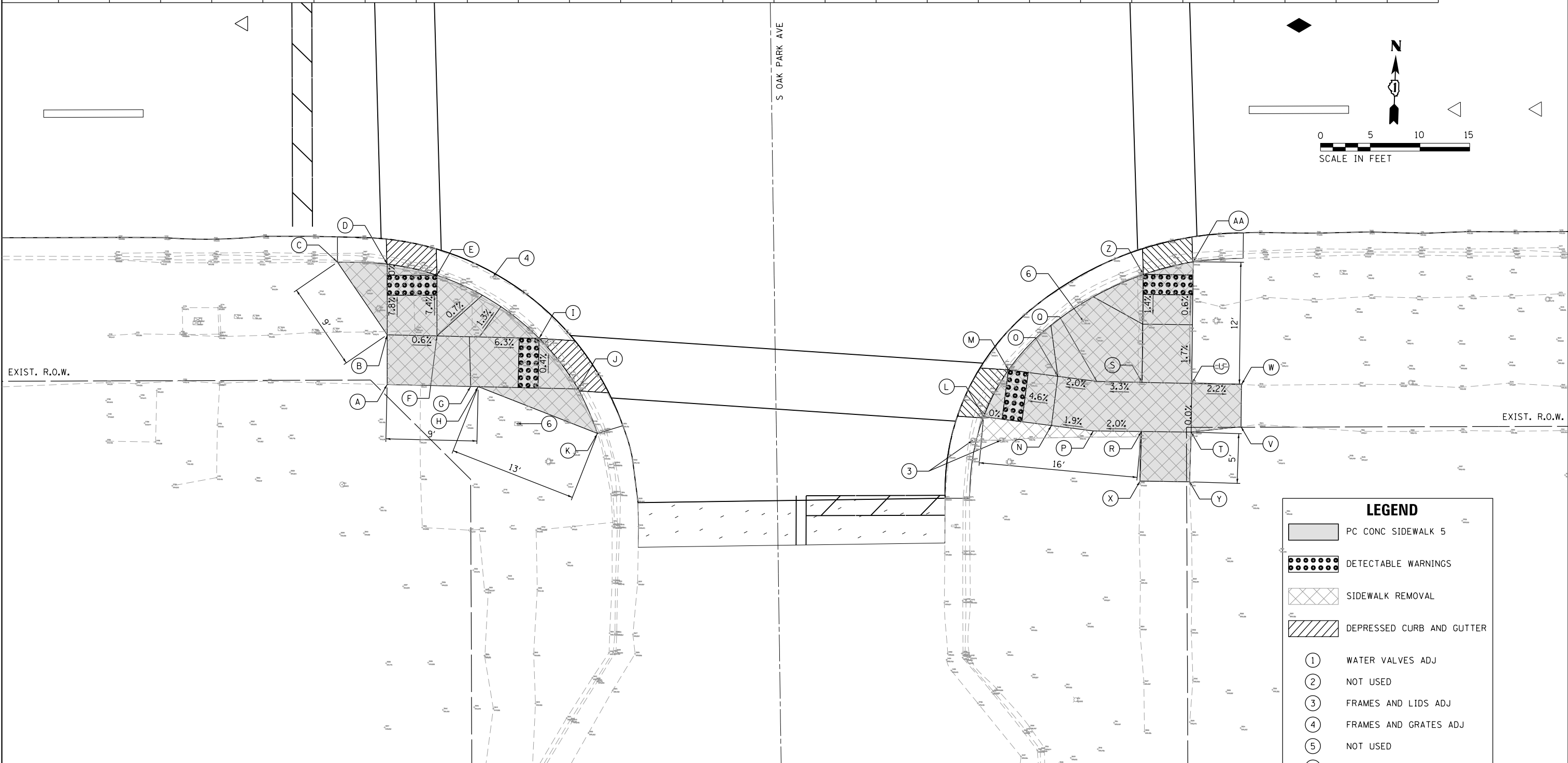
**ROADWAY DETAILS
111TH STREET AT OAK PARK AVE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-RS	COOK	44	26
CONTRACT NO. 62C70				
ILLINOIS FED. AID PROJECT				

111TH ST AND OAK PARK AVE

POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
STATION	66+91.2	66+91.2	66+86.3	66+91.3	66+96.3	66+96.2	66+99.6	67+00.4	67+06.5	67+10.4	67+12.4	67+51.2	67+53.7	67+58.0	67+58.7	67+62.2	67+62.6	67+67.0	67+67.1	67+72.0	67+72.1	67+77.1	67+77.1	67+66.9	67+71.9	67+67.3	67+72.3
OFFSET	48.4 RT	43.4 RT	36.1 RT	36.3 RT	37.4 RT	43.5 RT	48.6 RT	48.6 RT	43.8 RT	48.9 RT	53.4 RT	51.8 RT	47.1 RT	52.7 RT	47.8 RT	53.3 RT	48.3 RT	53.3 RT	48.4 RT	53.4 RT	48.5 RT	52.9 RT	48.6 RT	58.3 RT	58.4 RT	37.5 RT	36.3 RT
ELEVATION	EXISTING	EXISTING	EXISTING	609.66	609.65	610.10	EXISTING	EXISTING	609.65	609.65	EXISTING	609.14	609.04	609.37	609.27	609.45	609.35	609.55	609.50	609.58	609.58	EXISTING	EXISTING	EXISTING	EXISTING	609.86	609.90



LEGEND

- PC CONC SIDEWALK 5
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE

111TH ST AND OAK PARK AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	• CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
SOUTHWEST CORNER	199	20	34	189	0	0.0
SOUTHEAST CORNER	294	20	57	313	0	0.0

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -
*FILEL#		DRAWN - KW	REVISED -
	PLOT SCALE = 10.0000' / 1" =	CHECKED - JH	REVISED -
*MODELNAME#	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
111TH ST AT OAK PARK AVE**

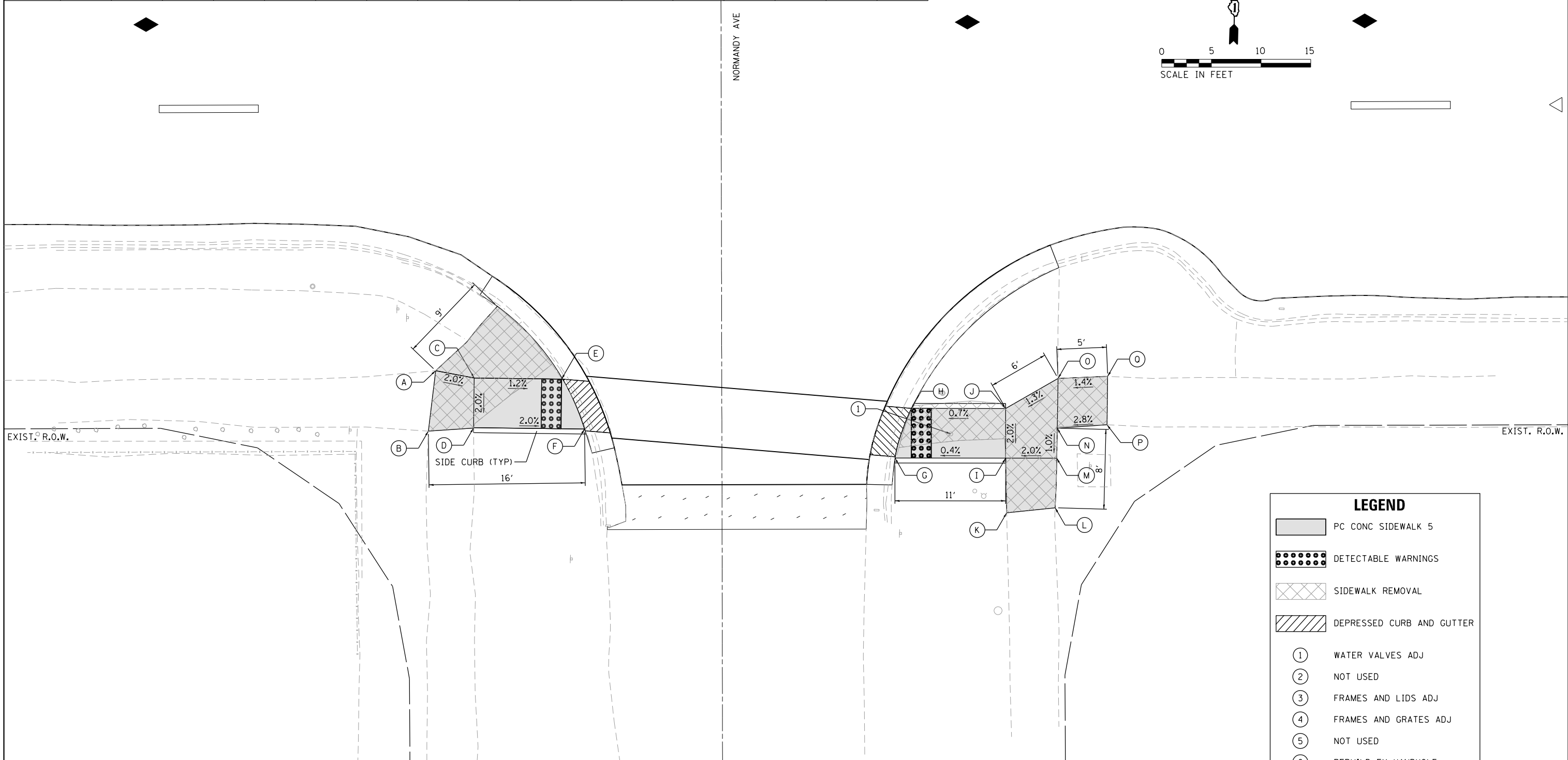
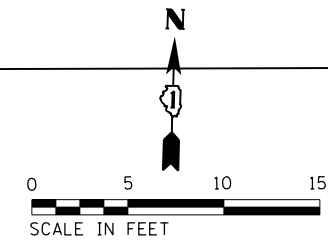
SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-R5	COOK	44	27
CONTRACT NO. 62C70				
ILLINOIS FED. AID PROJECT				

W 111TH ST, 74+00

111TH ST AND NORMANDY AVE

POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
STATION	73+65.7	73+65.0	73+69.6	73+69.5	73+78.4	73+80.7	74+12.0	74+13.6	74+23.1	74+23.1	74+23.2	74+28.1	74+28.2	74+28.3	74+28.4	74+33.3	74+33.4
OFFSET	47.5 RT	53.5 RT	48.2 RT	53.3 RT	48.4 RT	53.4 RT	56.4 RT	51.4 RT	56.5 RT	51.5 RT	62.0 RT	61.5 RT	56.5 RT	53.5 RT	48.4 RT	53.1 RT	48.2 RT
ELEVATION	EXISTING	EXISTING	610.16	EXISTING	610.05	609.88	609.56	609.63	609.60	609.70	EXISTING	EXISTING	609.70	609.74	609.78	EXISTING	EXISTING



LEGEND

- PC CONC SIDEWALK 5
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- WATER VALVES ADJ
- NOT USED
- FRAMES AND LIDS ADJ
- FRAMES AND GRATES ADJ
- NOT USED
- REBUILD EX HANDHOLE

111TH ST AND NORMANDY AVE						
LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
SOUTHWEST CORNER	123	20	20	84	5.5	1.1
SOUTHEAST CORNER	138	20	27	124	10.5	0.5

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

177+00





W 111TH ST

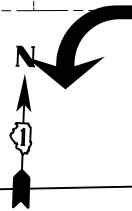

NATOMA AVE

111TH ST AND NATOMA AVE

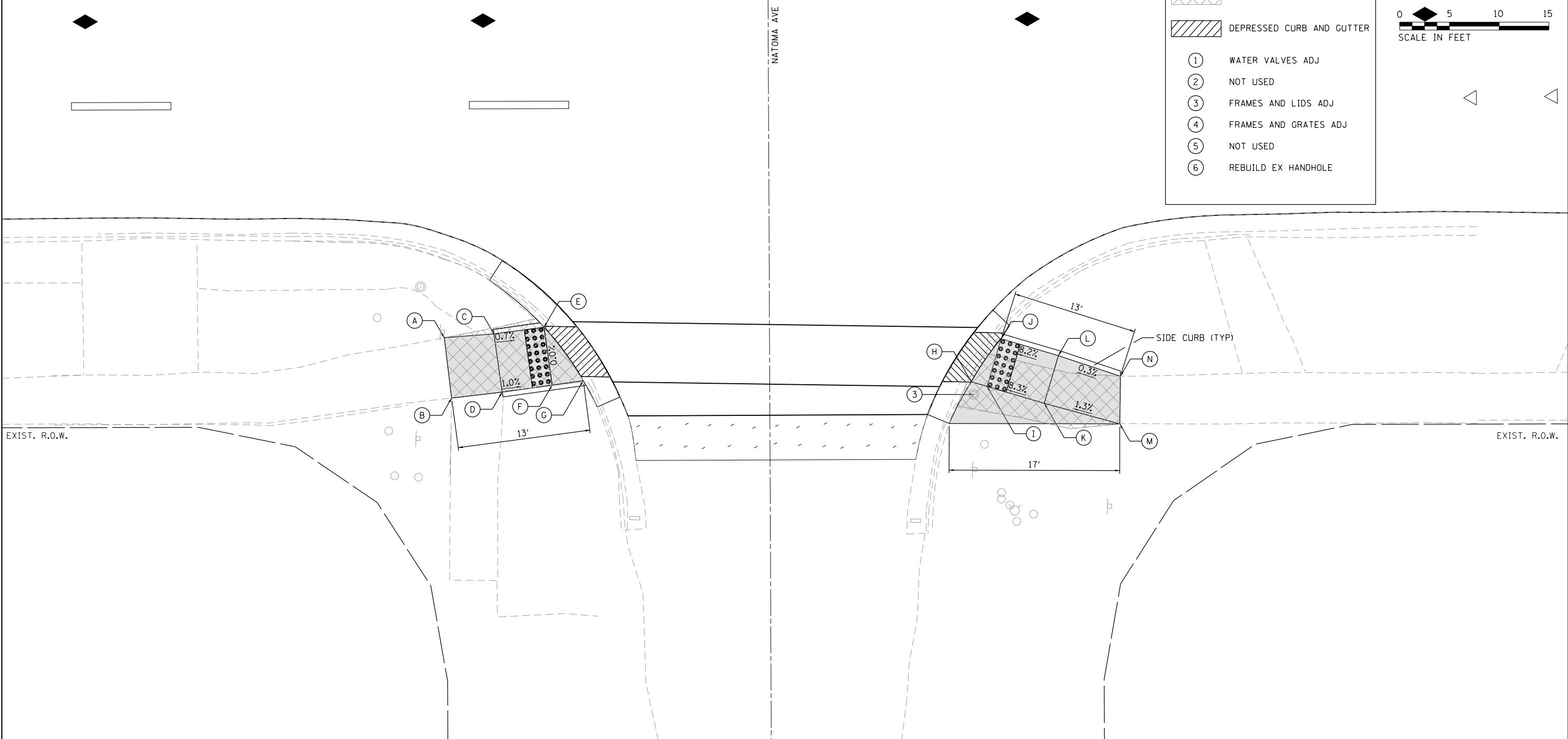
POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N
STATION	76+95.3	76+96.0	77+00.3	77+01.1	77+05.4	77+06.2	77+09.3	77+48.3	77+49.9	77+51.3	77+55.6	77+57.1	77+63.2	77+63.3
OFFSET	48.5 RT	50.6 RT	44.1 RT	50.0 RT	43.5 RT	49.3 RT	48.9 RT	49.1 RT	49.6 RT	44.8 RT	51.3 RT	46.6 RT	53.5 RT	48.7 RT
ELEVATION	EXISTING	EXISTING	612.76	612.78	612.69	612.69	612.68	612.86	612.89	612.80	613.39	613.29	EXISTING	EXISTING

LEGEND

-  PC CONC SIDEWALK 5
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL
-  DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE

SCALE IN FEET



LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
SOUTHWEST CORNER	70	20	17	71	7	0.0
SOUTHEAST CORNER	106	20	12	79	6.5	0.8

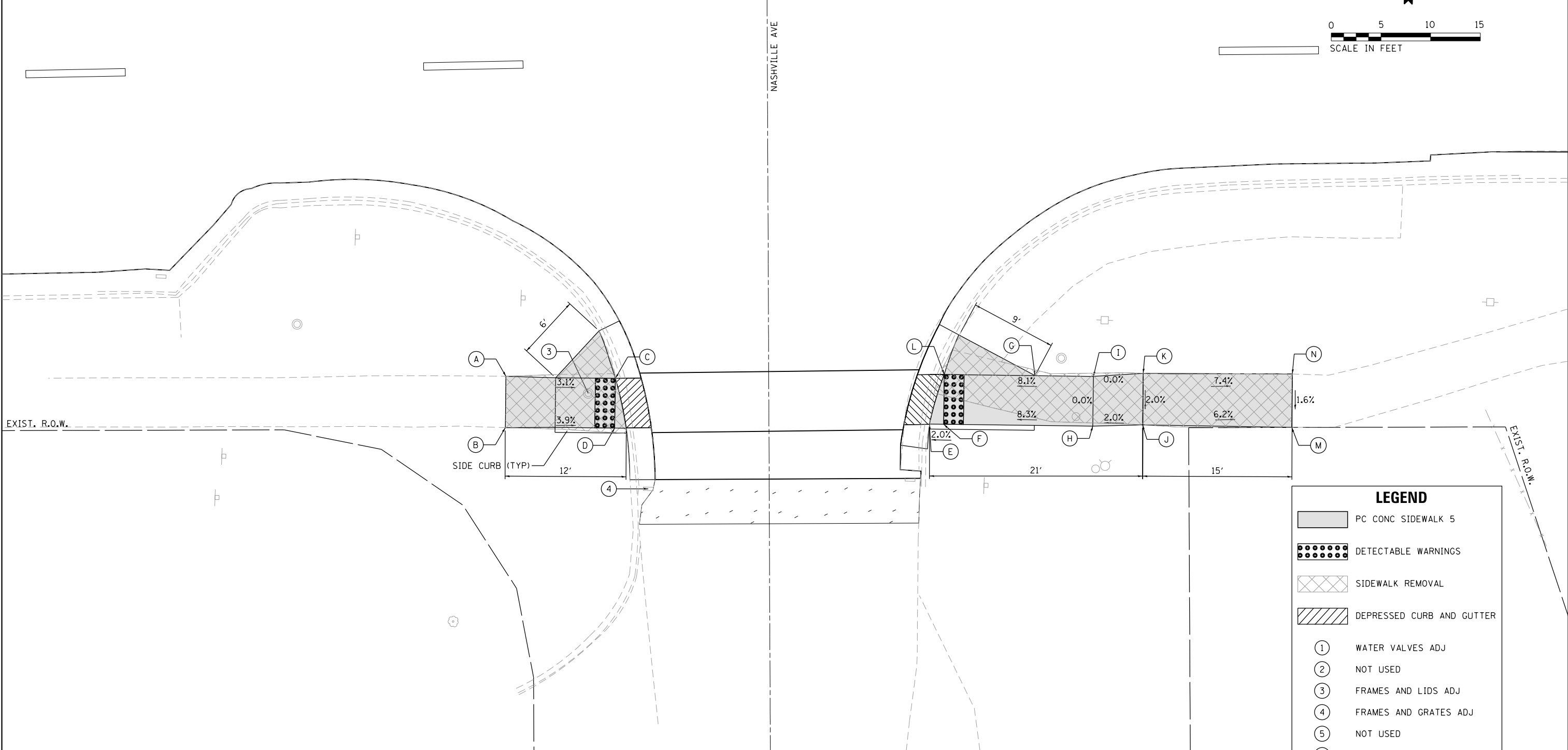
PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY DETAILS 111TH STREET AT NATOMA AVE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL	PLOT SCALE = 10.0000' / 1"	DRAWN - KW	REVISED -			1581	0208-RS	COOK	44	29	
MODELNAME	PLOT DATE = 1/5/2017	CHECKED - JH	REVISED -			CONTRACT NO. 62C70					
		DATE - 01/09/2017	REVISED -			SCALE: 1" = 5'	SHEET	OF	SHEETS	STA.	TO

ILLINOIS FED. AID PROJECT

111TH ST AND NASHVILLE AVE

POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N
STATION	80+26.1	80+26.0	80+37.1	80+37.0	80+68.6	80+70.0	80+79.2	80+85.0	80+85.1	80+89.0	80+89.1	80+70.1	80+94.9	80+94.9
OFFSET	48.7 RT	53.9 RT	49.0 RT	54.0 RT	53.7 RT	53.7 RT	48.9 RT	54.0 RT	49.0 RT	53.8 RT	48.6 RT	48.7 RT	53.8 RT	48.6 RT
ELEVATION	EXISTING	EXISTING	612.76	612.78	612.63	612.66	XX	613.91	613.91	614.01	613.91	612.70	614.94	615.02



111TH ST AND NASHVILLE AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	• CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
SOUTHWEST CORNER	73	10	16	78	3.5	0.0
SOUTHEAST CORNER	202	10	12	184	5.5	0.6

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

LEGEND

- PC CONC SIDEWALK 5
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE

111TH ST AND NATCHEZ AVE





POINT	A	B	C	D	E	F	G	H	I	J	K	L	M
STATION	86+15.0	86+14.9	86+19.9	86+19.9	86+24.9	86+24.9	86+59.3	86+61.5	86+61.5	86+66.5	86+66.5	86+71.5	86+71.5
OFFSET	50.6 RT	55.2 RT	50.3 RT	55.3 RT	50.3 RT	55.3 RT	55.6 RT	55.6 RT	50.6 RT	55.5 RT	50.6 RT	55.4 RT	50.6 RT
ELEVATION	EXISTING	EXISTING	615.02	614.97	615.30	615.20	615.42	615.46	615.56	615.73	615.65	EXISTING	EXISTING

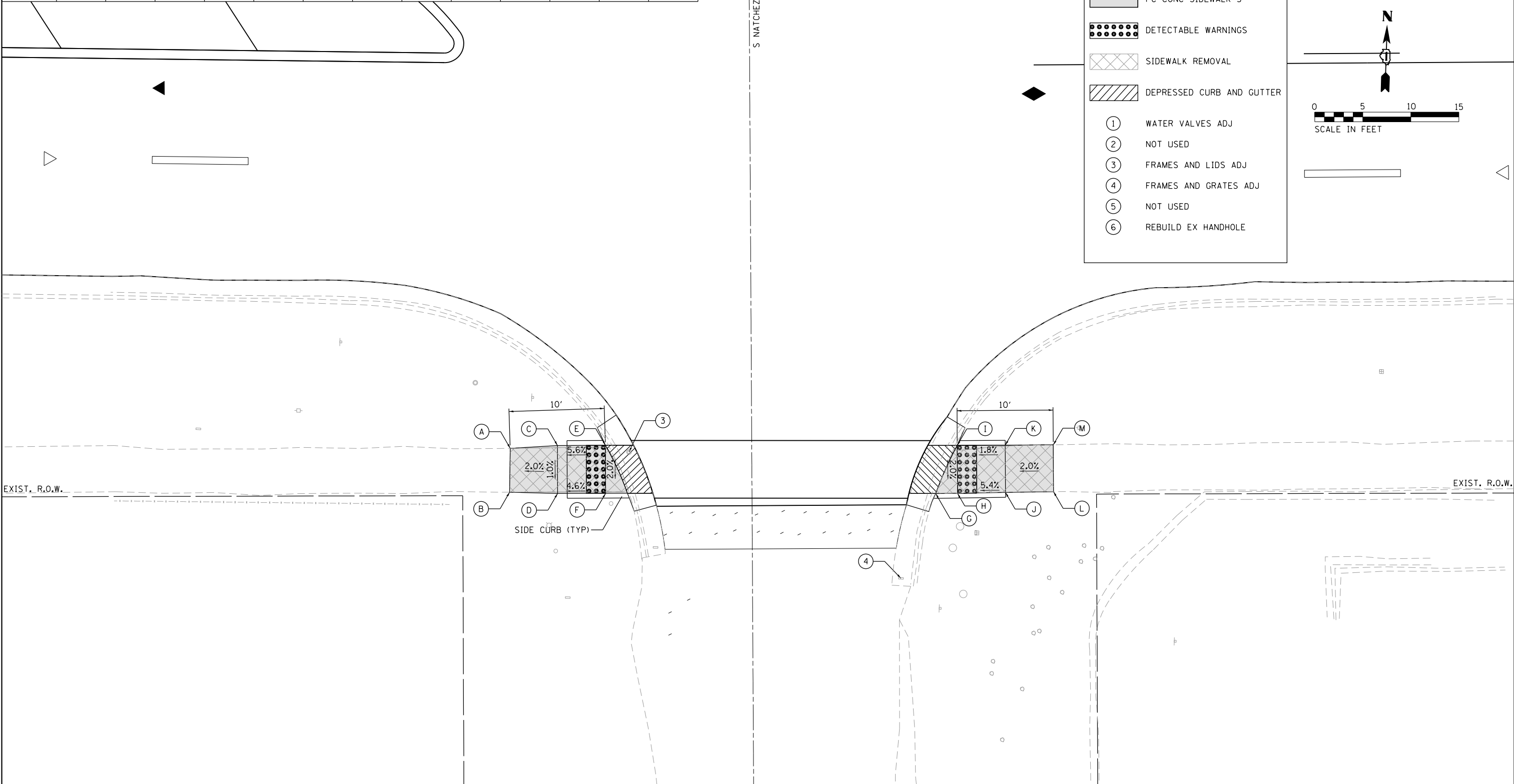
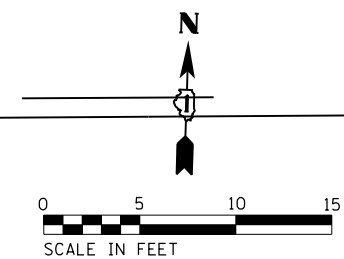
W 111TH ST

187+00

S NATCHEZ AVE

LEGEND

-  PC CONC SIDEWALK 5
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL
-  DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE



111TH ST AND NATCHEZ AVE

LOCATION	42400200 PC CONC SIDEWALK 5 SQ FT	42400800 DETECTABLE WARNINGS SQ FT	Z0004562 COMB CURB GUTTER R&R FT	44000600 SIDEWALK REM SQ FT	• CONC CURB TB SQ FT	20200100 EARTH EXCAVATION CU YD
SOUTHWEST CORNER	55	10	10	53	5	0.0
SOUTHEAST CORNER	56	10	19	54	6	0.0

• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -
*FILEL#		DRAWN - KW	REVISED -
	PLOT SCALE = 10.0000' / 1" =	CHECKED - JH	REVISED -
*MODELNAME#	PLOT DATE = 1/5/2017	DATE - 01/09/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
111TH STREET AT NATCHEZ AVE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-R5	COOK	44	31

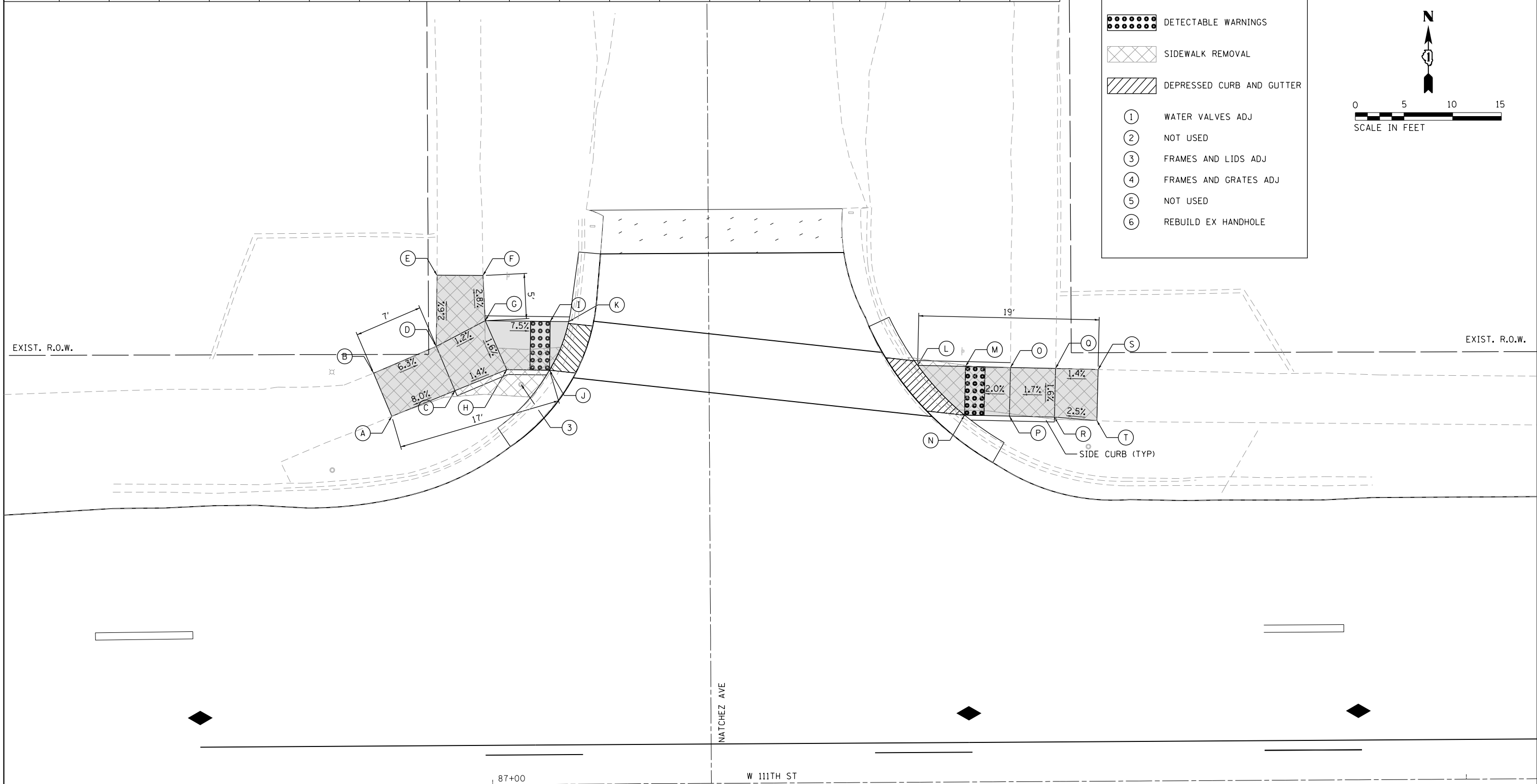
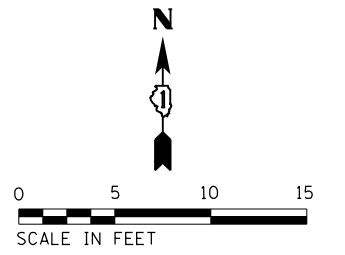
CONTRACT NO. 62C70
ILLINOIS FED. AID PROJECT

111TH ST AND NATCHEZ AVE

POINT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
STATION	86+89.8	86+88.0	86+96.4	86+94.5	86+94.6	86+99.3	86+99.5	87+01.7	87+06.2	87+06.1	87+08.1	87+43.9	87+48.8	87+48.7	87+53.4	87+53.3	87+58.0	87+57.9	87+62.4	87+62.3
OFFSET	37.9 LT	42.3 LT	40.5 LT	45.1 LT	52.4 LT	52.3 LT	47.7 LT	42.6 LT	47.6 LT	42.6 LT	47.5 LT	42.8 LY	42.7 LT	37.7 LT	42.6 LT	37.6 LT	42.4 LT	37.4 LT	42.3 LT	37.0 LT
ELEVATION	EXISTING	EXISTING	615.45	615.53	EXISTING	EXISTING	615.44	615.37	614.94	615.04	614.90	615.24	615.41	615.48	615.50	615.57	615.57	615.65	EXISTING	EXISTING

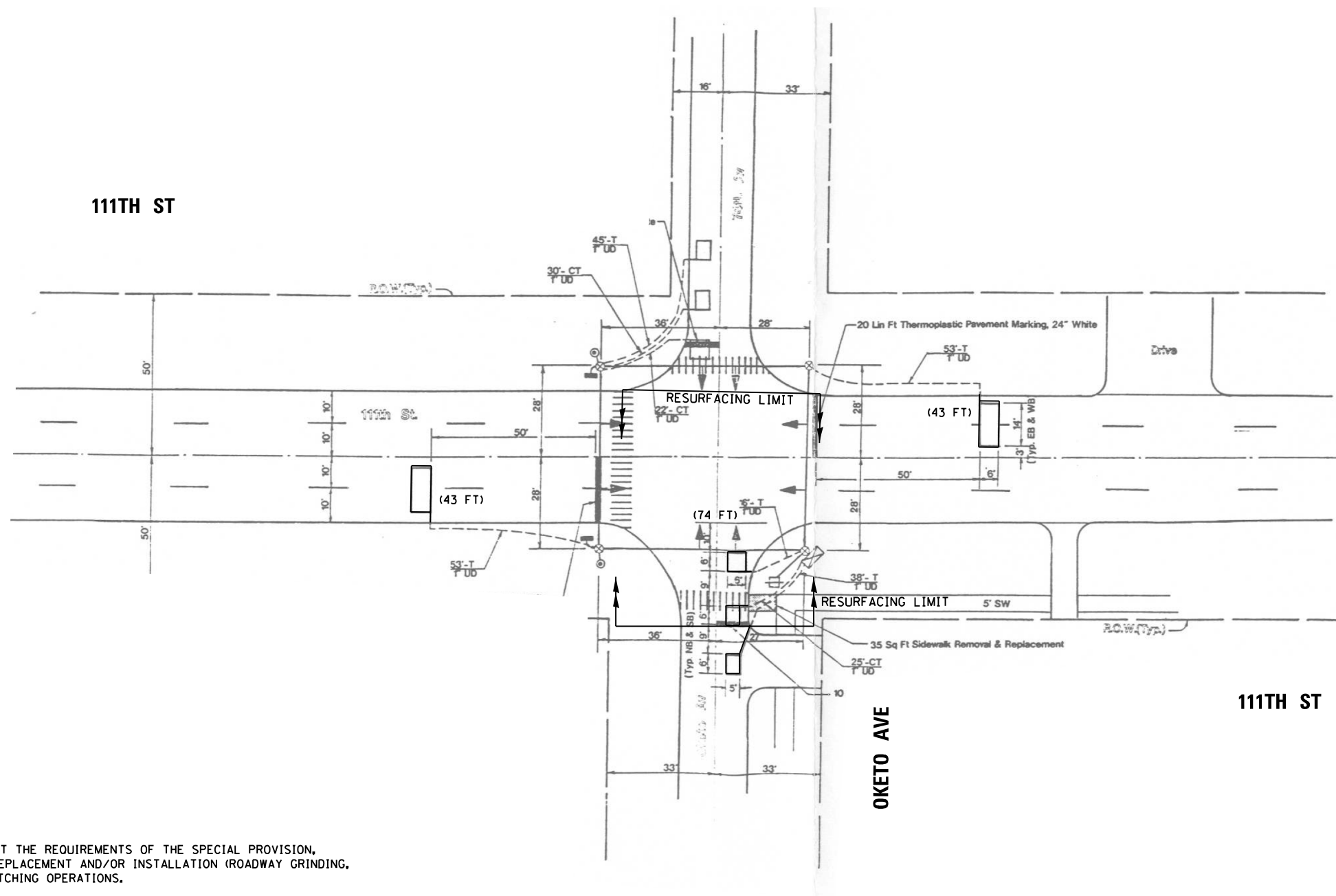
LEGEND

- PC CONC SIDEWALK 5
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- DEPRESSED CURB AND GUTTER
- ① WATER VALVES ADJ
- ② NOT USED
- ③ FRAMES AND LIDS ADJ
- ④ FRAMES AND GRATES ADJ
- ⑤ NOT USED
- ⑥ REBUILD EX HANDHOLE



• PAID FOR AS
42400200 PC
CONC SIDEWALK 5 SQ FT

FILE NAME =	USER NAME = kw	DESIGNED - KW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY DETAILS 111TH STREET AT NATCHEZ AVE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	PLOT SCALE = 10.0000' / 1" =	DRAWN - KW	REVISED -					1581	0208-RS	COOK	44	32
#MODELNAME#	PLOT DATE = 1/5/2017	CHECKED - JH	REVISED -					CONTRACT NO. 62C70				
		DATE - 01/09/2017	REVISED -					ILLINOIS FED. AID PROJECT				



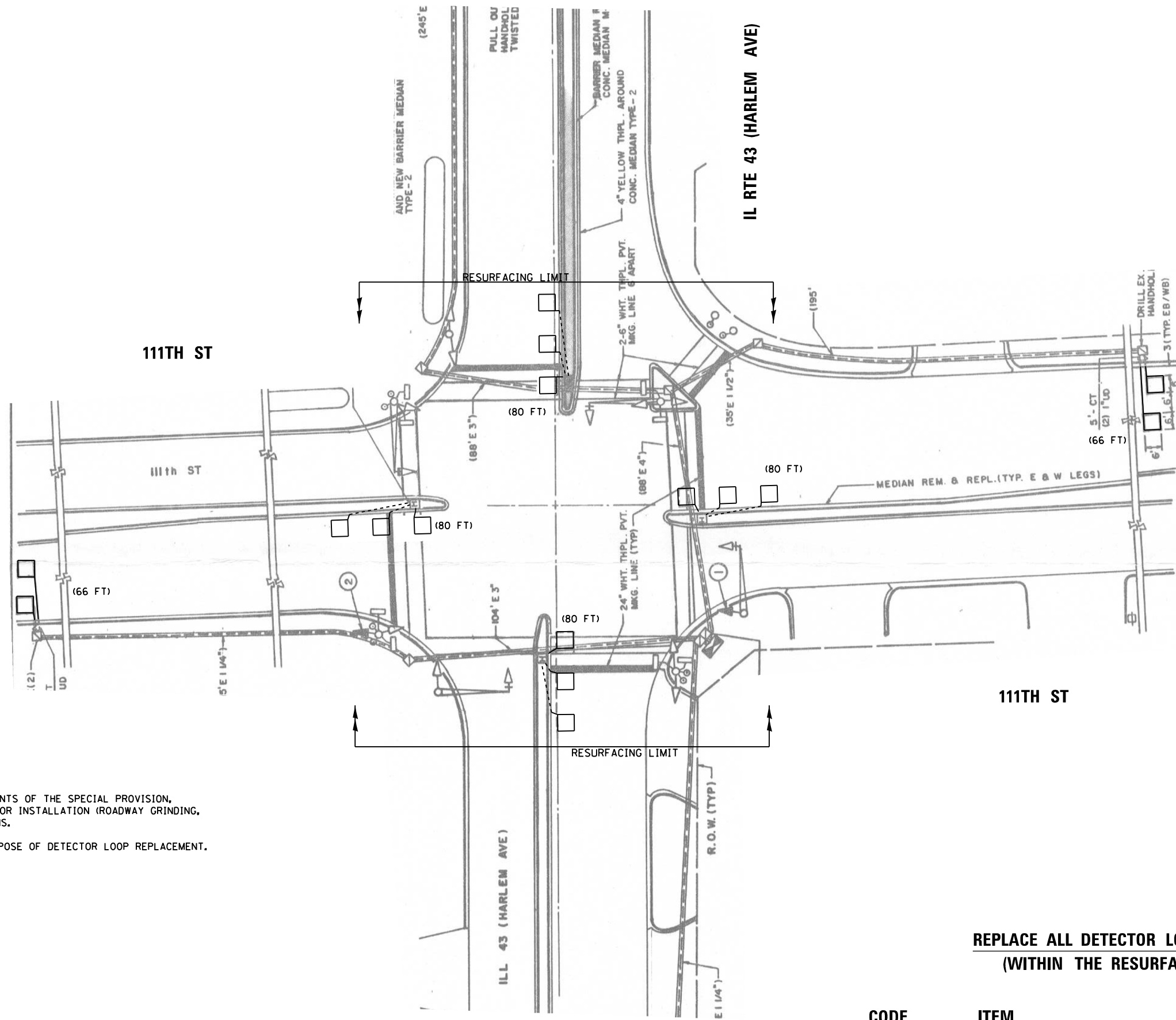
NOTES:

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.
3. THIS INTERSECTION HAS TO BE FIELD VERIFIED FOR ACCURACY BEFORE INSTALLING THE NEW DETECTOR LOOPS.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	160	FOOT

FILE NAME =	USER NAME = plascencia	DESIGNED - IP	REVISED - IP 12/9/2016	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN 111TH ST AND OKETO AVE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\Iovan\Resurfacing\62C70	111thSt076thAve-Nagle\111thSt076thAve-Nagle.dgn	DRAWN - IP	REVISED -		1581	0208-RS	COOK	44	33				
Default	PLOT SCALE = 40.0000' / in.	CHECKED - LP	REVISED -		CONTRACT NO. 62C70				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/12/2016	DATE - 8/15/2016	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		



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)**

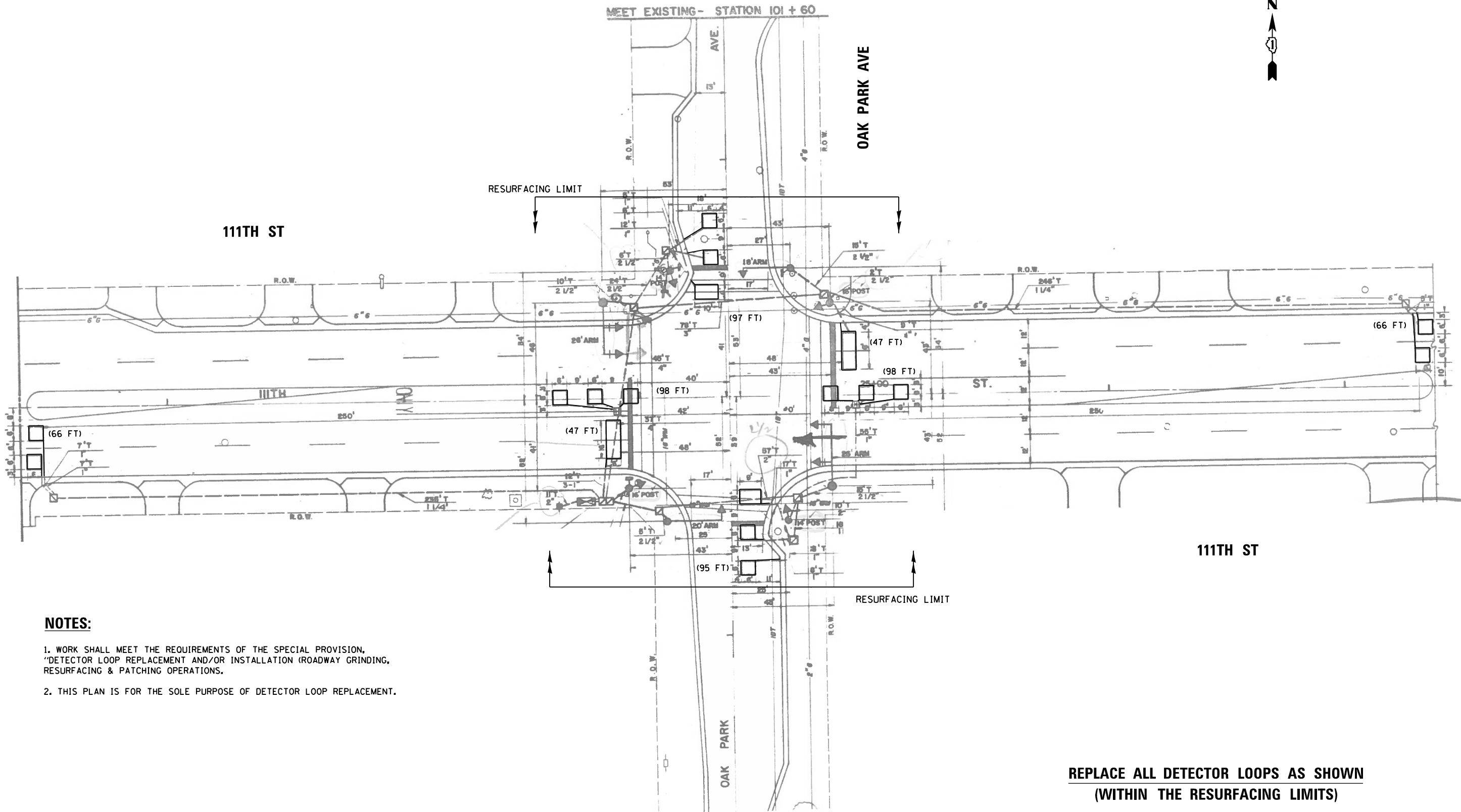
CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	452	FOOT

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	PLOT DATE = 12/12/2016	DATE - 8/15/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN IL RTE 43 (HARLEM AVE) AND 111TH ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-RS	COOK	44	34
CONTRACT NO. 62C70				
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

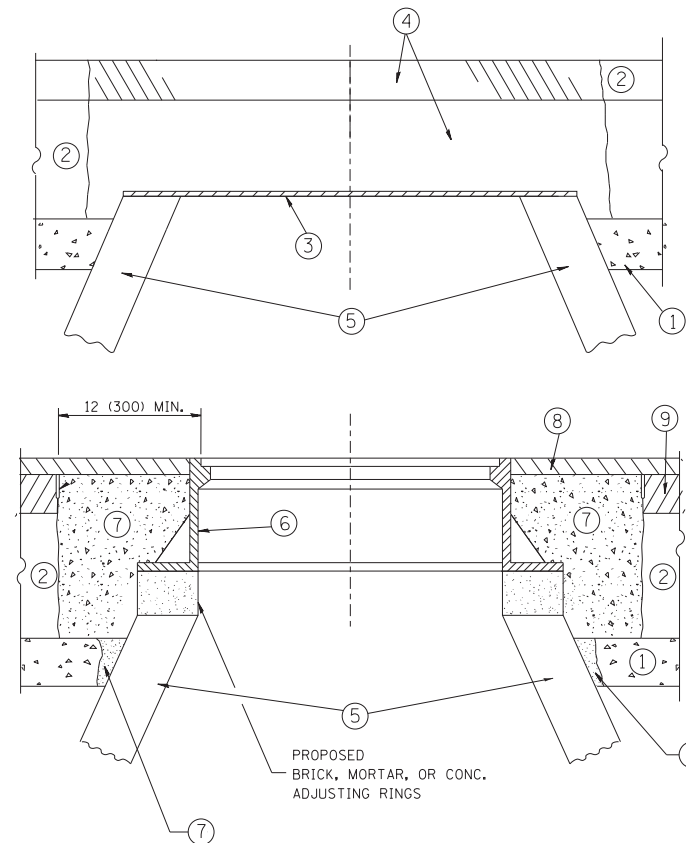
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S:\WP\Design\Iovan\Resurfacing\62C70 111thSt076thAve-Nagle\111thSt076thAve-Nagle.dgn		DRAWN - IP	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - LP	REVISED -
	PLOT DATE = 12/12/2016	DATE - 8/15/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
111TH ST AND OAK PARK AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-RS	COOK	44	35
CONTRACT NO. 62C70				
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

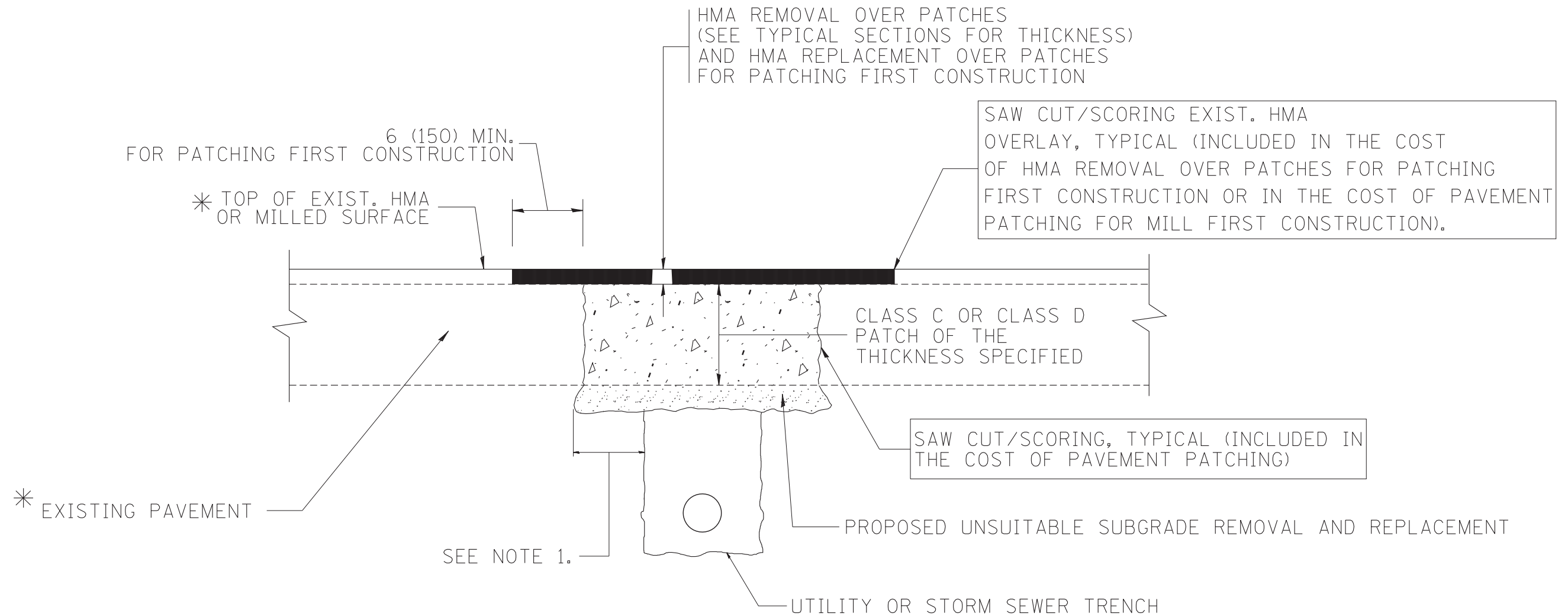
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
ct:\pw\work\p\dot\bauerdl\d0108315\bd08.dgn		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 1/8" = 1'-0"	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.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-RS	COOK	44	36
BD600-03 (BD-8)			CONTRACT NO.	
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.R.T.E. 1581	SECTION 0208-RS	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 37
BD400-04 (BD-22)			CONTRACT NO.	
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.

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.

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.

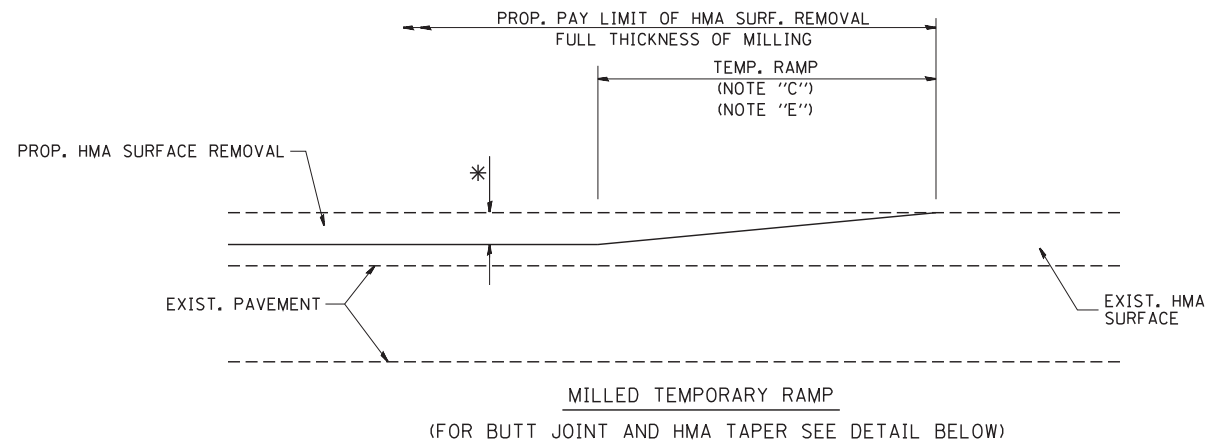
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

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".

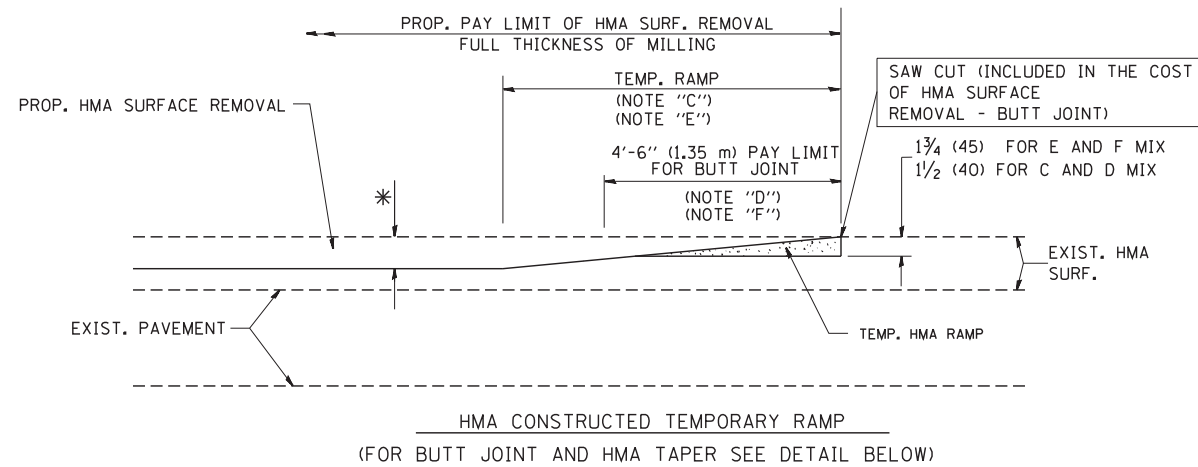
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p1dot\drivakosgn\0108315\bd24.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97	REVISED - M. GOMEZ 01-22-01			1581	0208-RS	COOK	44	38
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 12-15-09				BD600-06 (BD-24)		CONTRACT NO.		
PLOT DATE = 12/15/2009	DATE - 03-11-94					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		

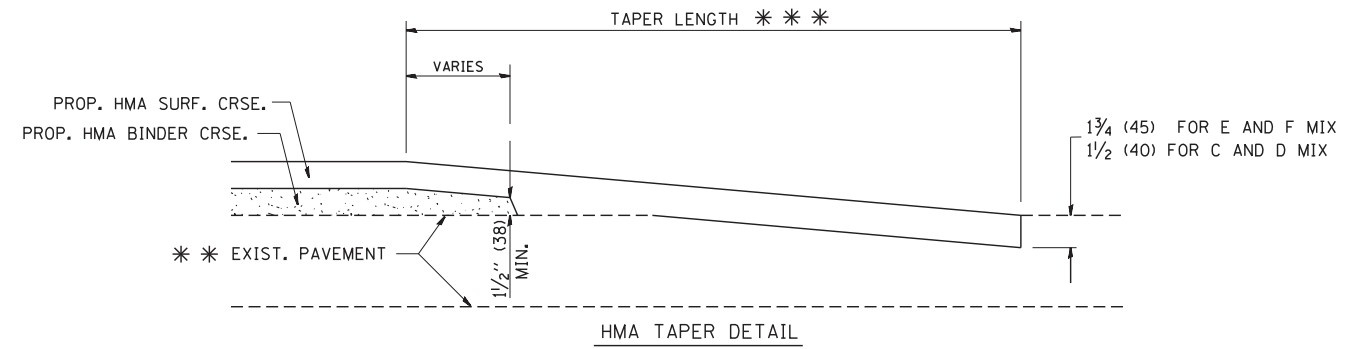
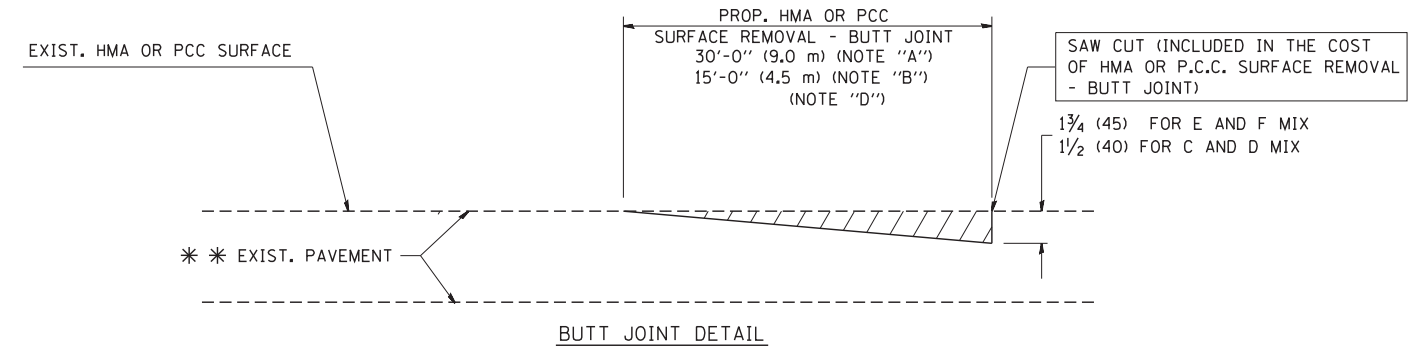


OPTION 1



OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

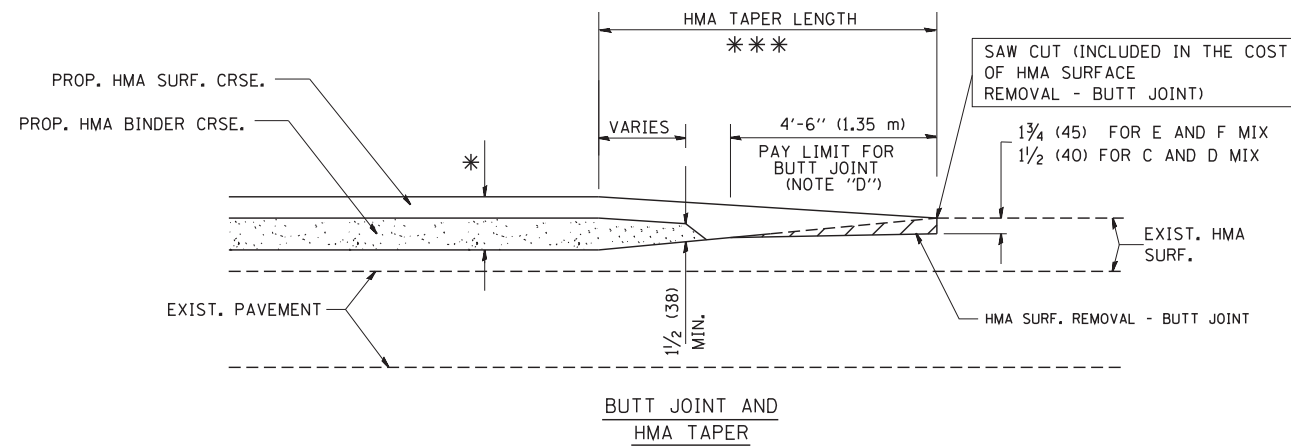
NOTES

- 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

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

USER NAME = gaglionobt
PLOT SCALE = 50.0000 ' / IN.
PLOT DATE = 1/4/2008

DESIGNED - M. DE YONG
DRAWN -
CHECKED -
DATE - 06-13-90

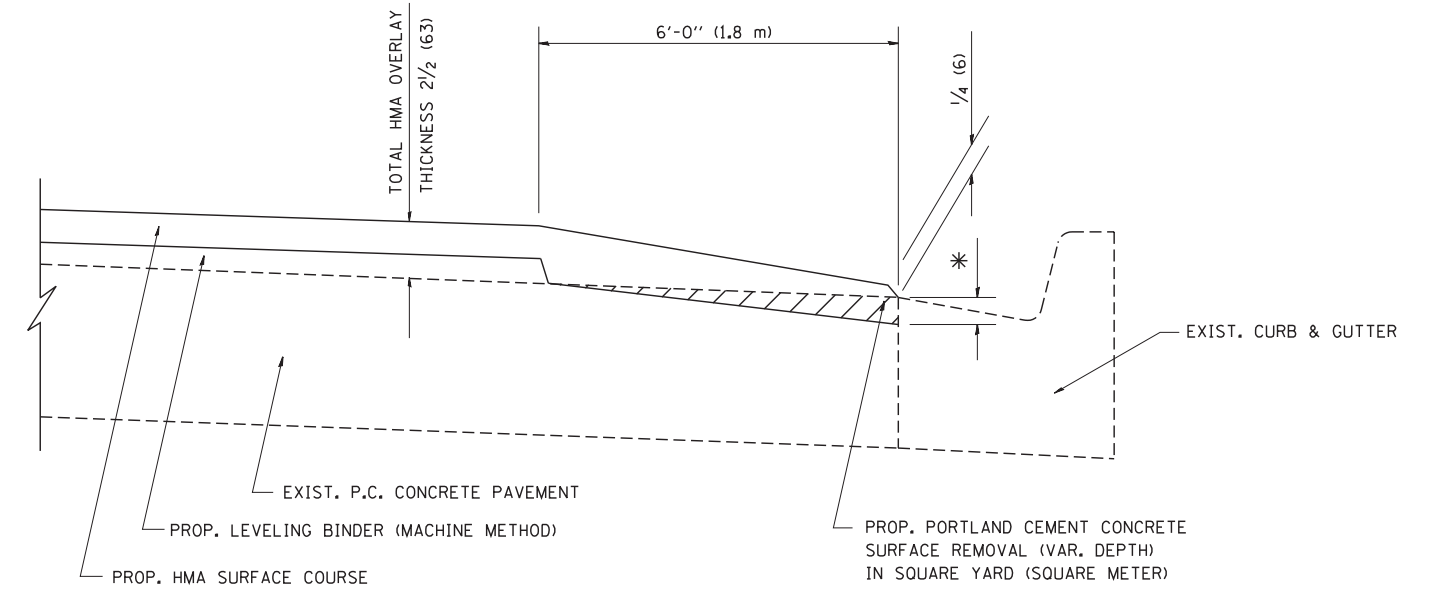
REVISED - R. SHAH 10-25-94
REVISED - A. ABBAS 03-21-97
REVISED - M. GOMEZ 04-06-01
REVISED - R. BORO 01-01-07

**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. 1581	SECTION 0208-RS	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 39
BD400-05 BD32			CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

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

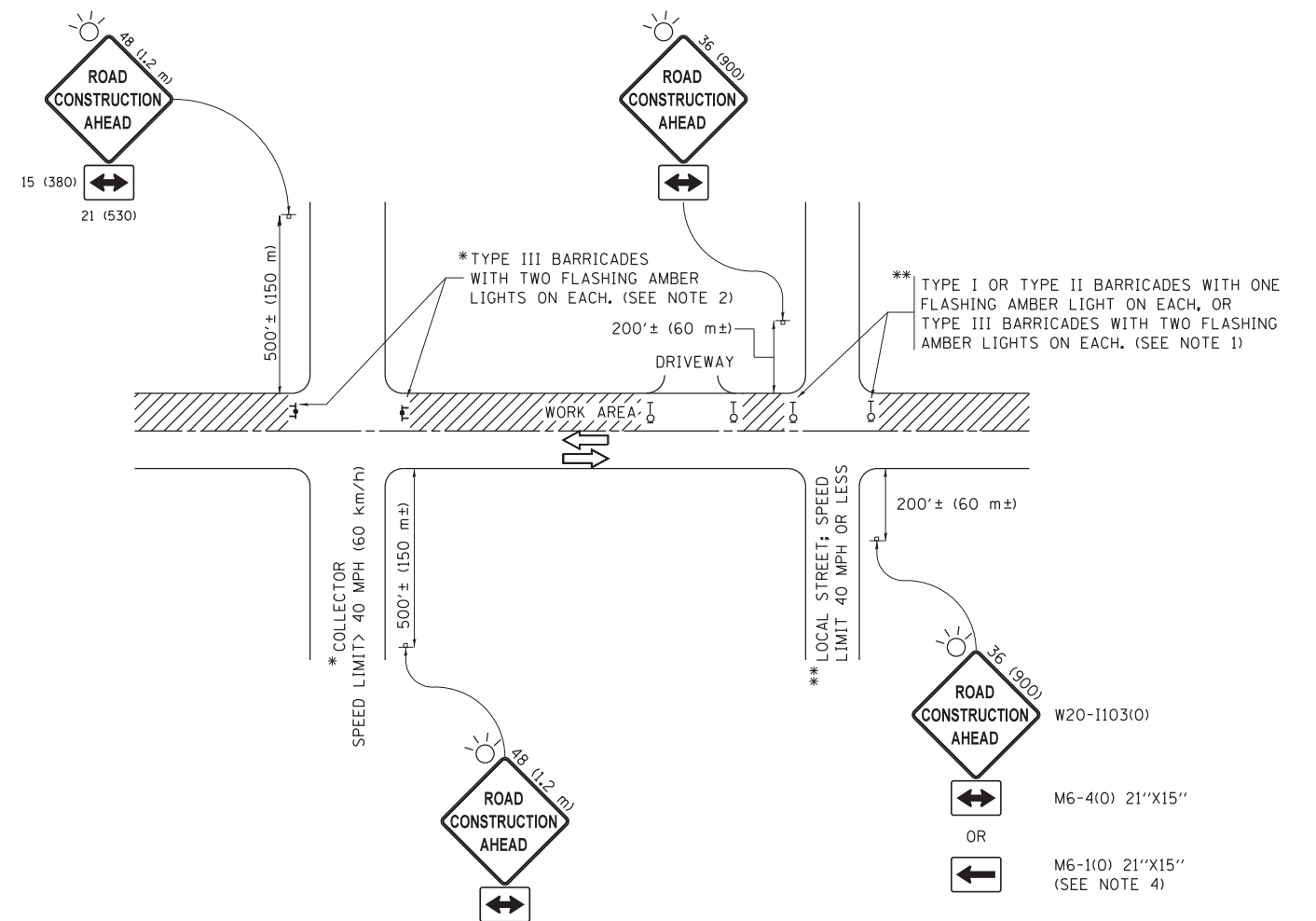
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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		DRAWN - JIS	REVISED - A. ABBAS 05-05-99
	PLOT SCALE = 50.0000' / IN.	CHECKED - A. ABBAS	REVISED - E. GOMEZ 12-21-00
	PLOT DATE = 1/4/2008	DATE - 09-10-94	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HMA TAPER AT EDGE OF P.C.C. PAVEMENT			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE. 1581	SECTION 0208-RS	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 40
BD400-06 (BD33)		CONTRACT NO.		
FED. ROAD DIST. NO. 1 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.

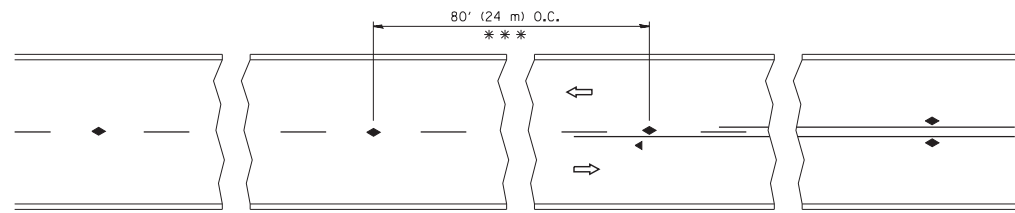
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Default	PLOT SCALE = 50.000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

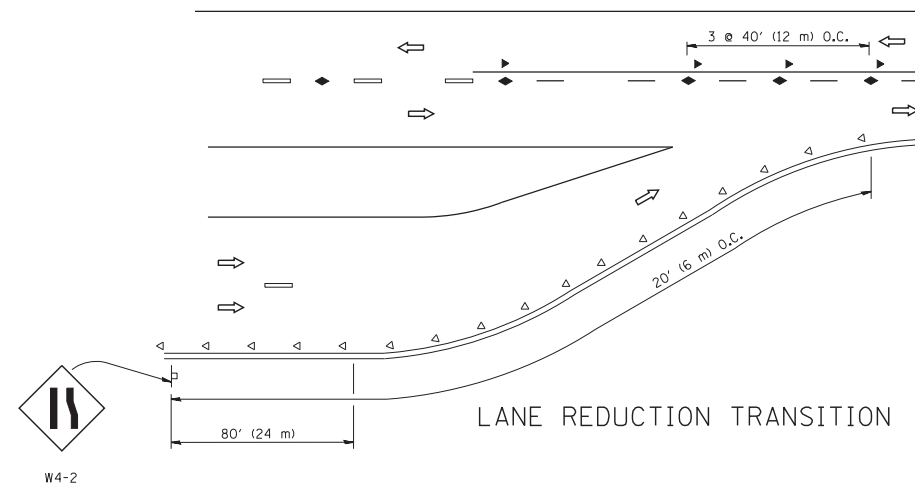
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-RS	COOK	44	41
TC-10			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

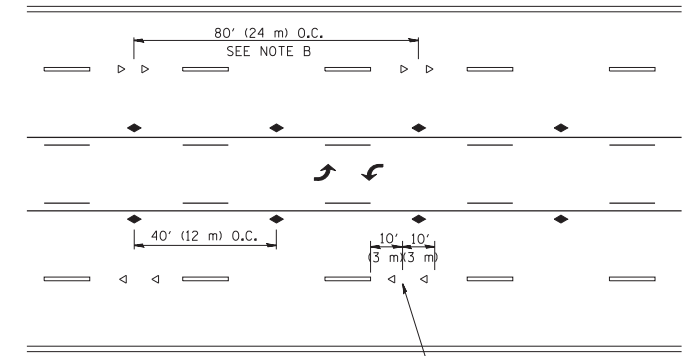


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

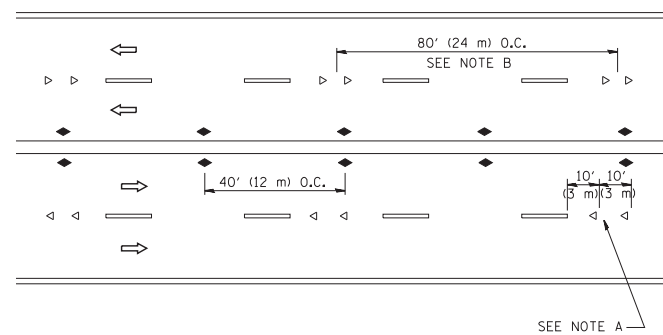
TWO-LANE/TWO-WAY



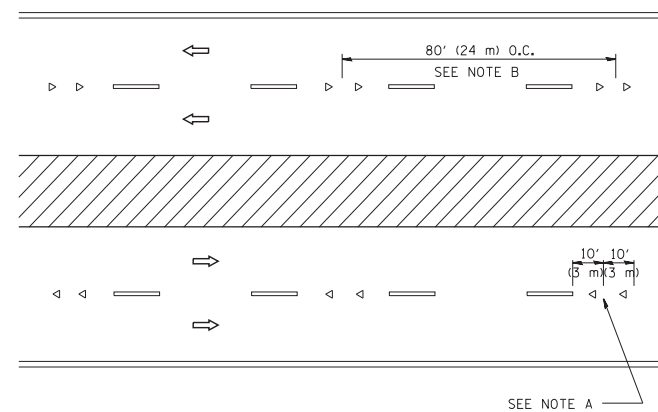
LANE REDUCTION TRANSITION



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

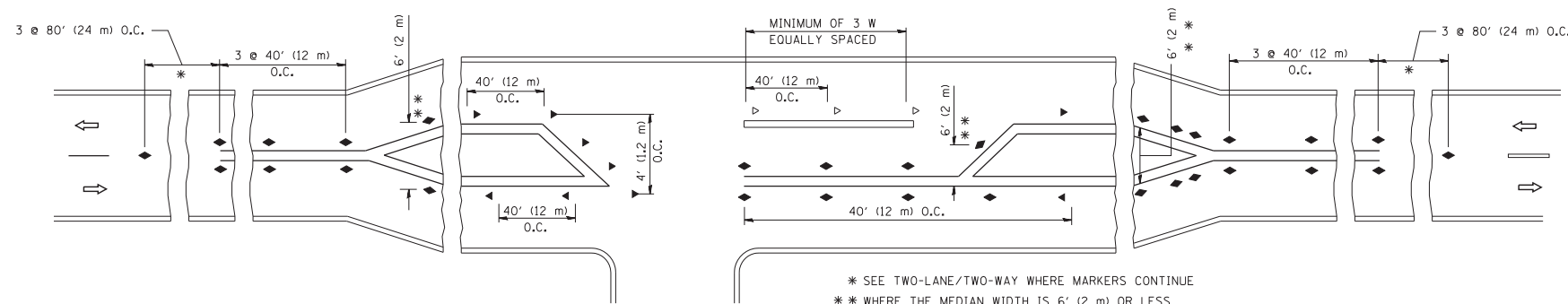
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

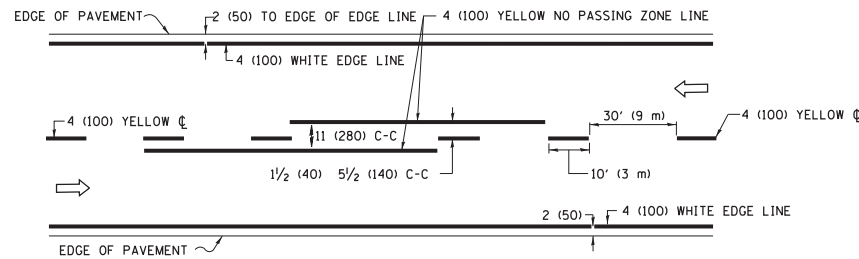
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = lryso	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
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	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 3/2/2011	DATE -	REVISED - C. JUCIUS 09-09-09

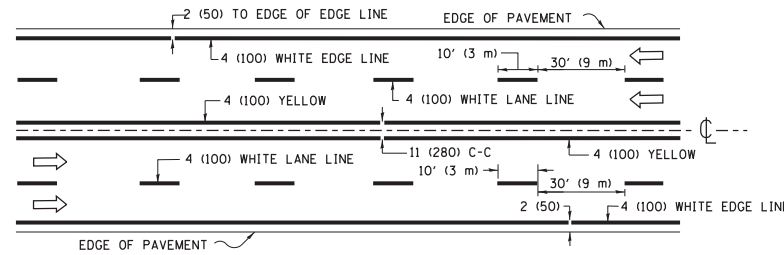
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

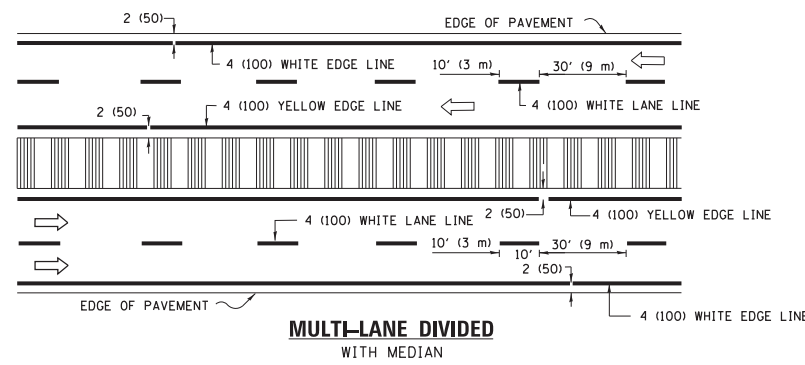
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-RS	COOK	44	42
TC-11			CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

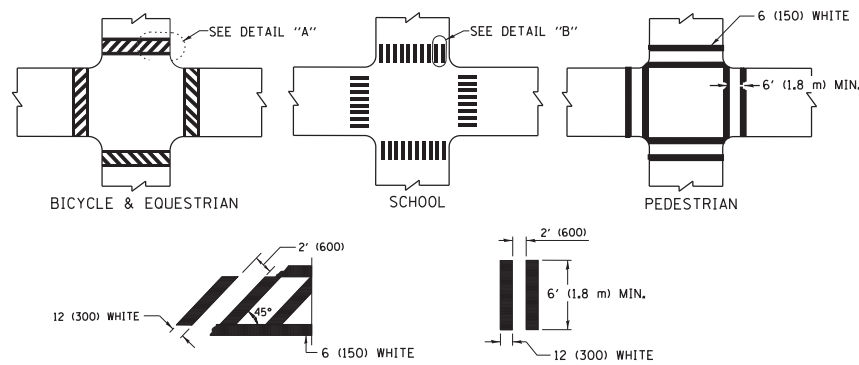


MULTI-LANE UNDIVIDED



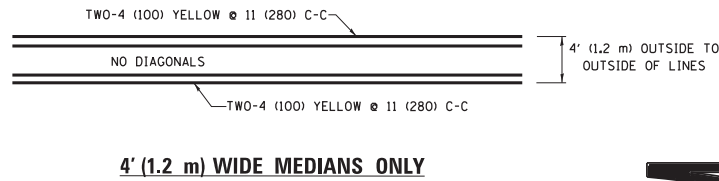
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

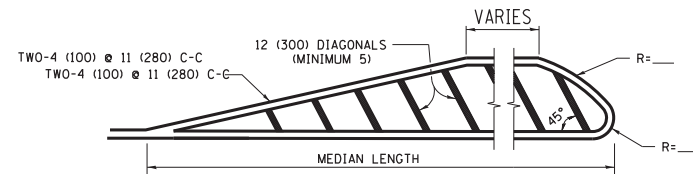


DETAIL "A" DETAIL "B"
TYPICAL CROSSWALK MARKING

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

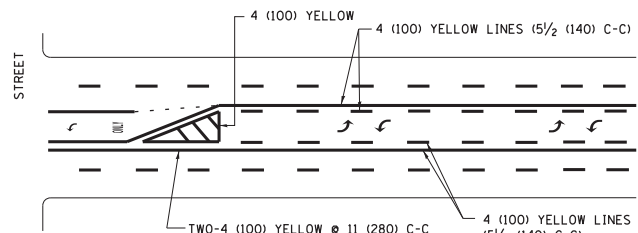


4' (1.2 m) WIDE MEDIANS ONLY

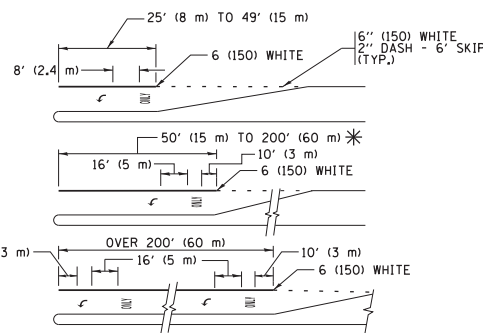


MEDIANS OVER 4' (1.2 m) WIDE

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))

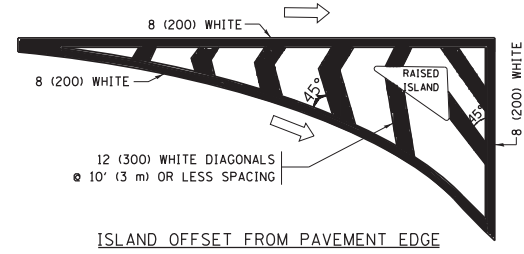


MEDIAN WITH TWO-WAY LEFT TURN LANE
TYPICAL PAINTED MEDIAN MARKING

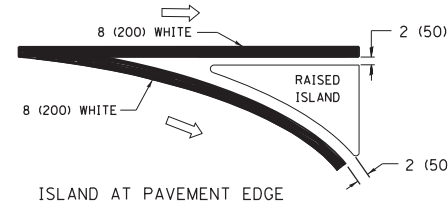


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

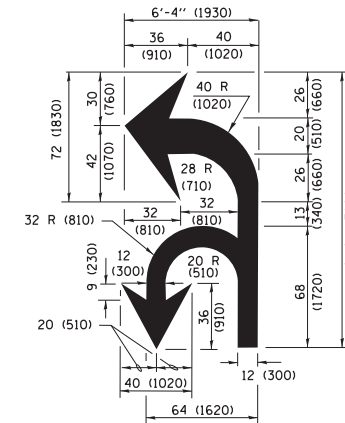
TYPICAL LEFT (OR RIGHT) TURN LANE
TYPICAL TURN LANE MARKING



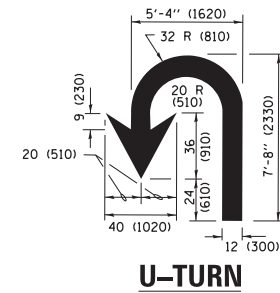
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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

LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (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 1/2 (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.

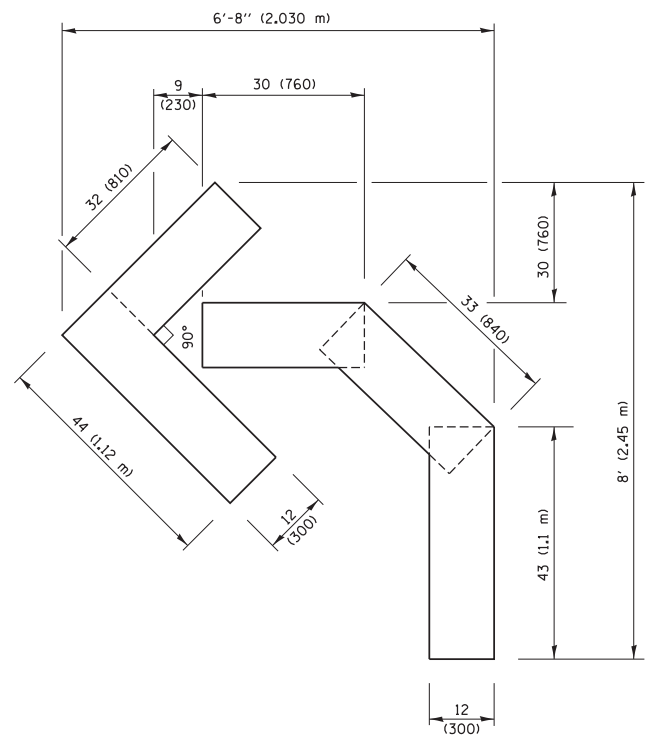
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pw:\IL084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\Dist 1\084EBIDINTEG\CADDData\CADsheets\tc13.dgn		CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 50.000' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 4/13/2016		REVISED - C. JUCIUS 04-12-16

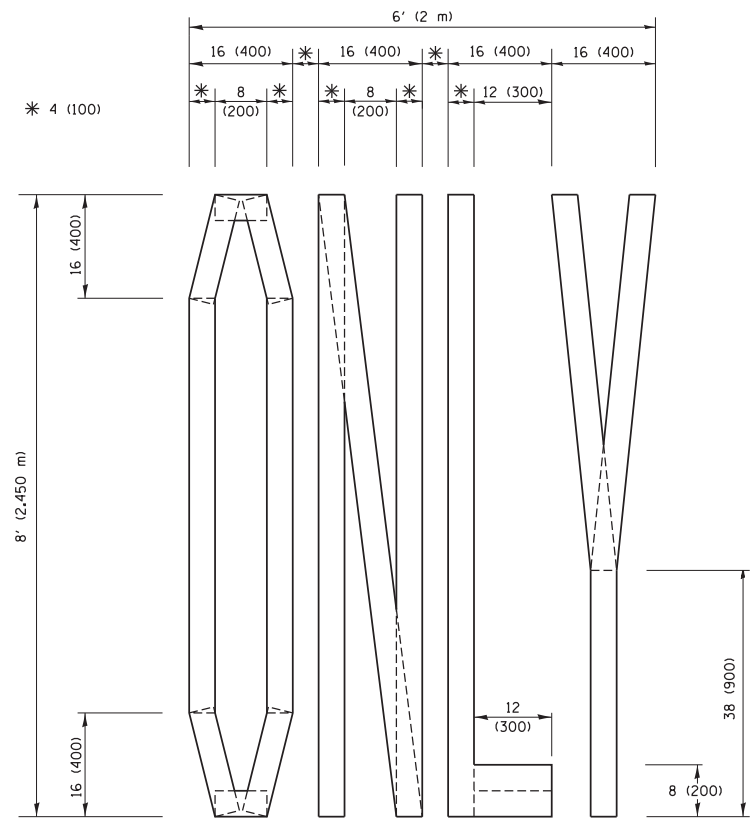
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

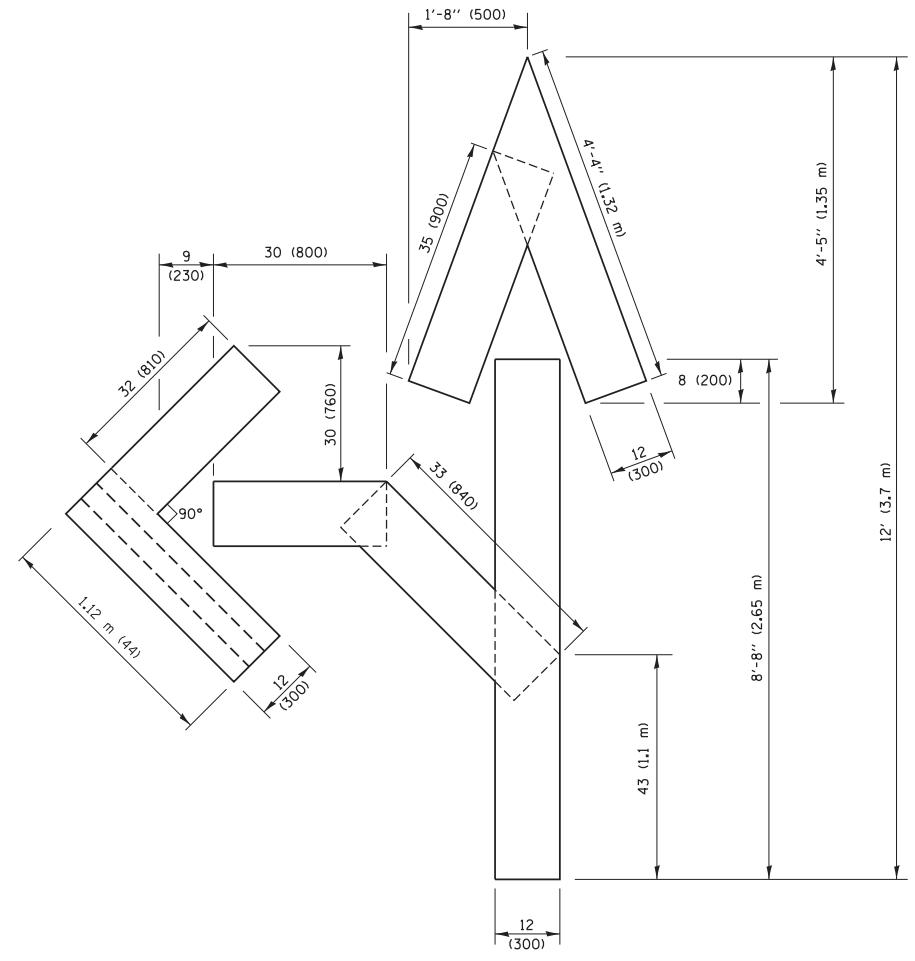
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	0208-RS	COOK	44	43
TC-13		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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

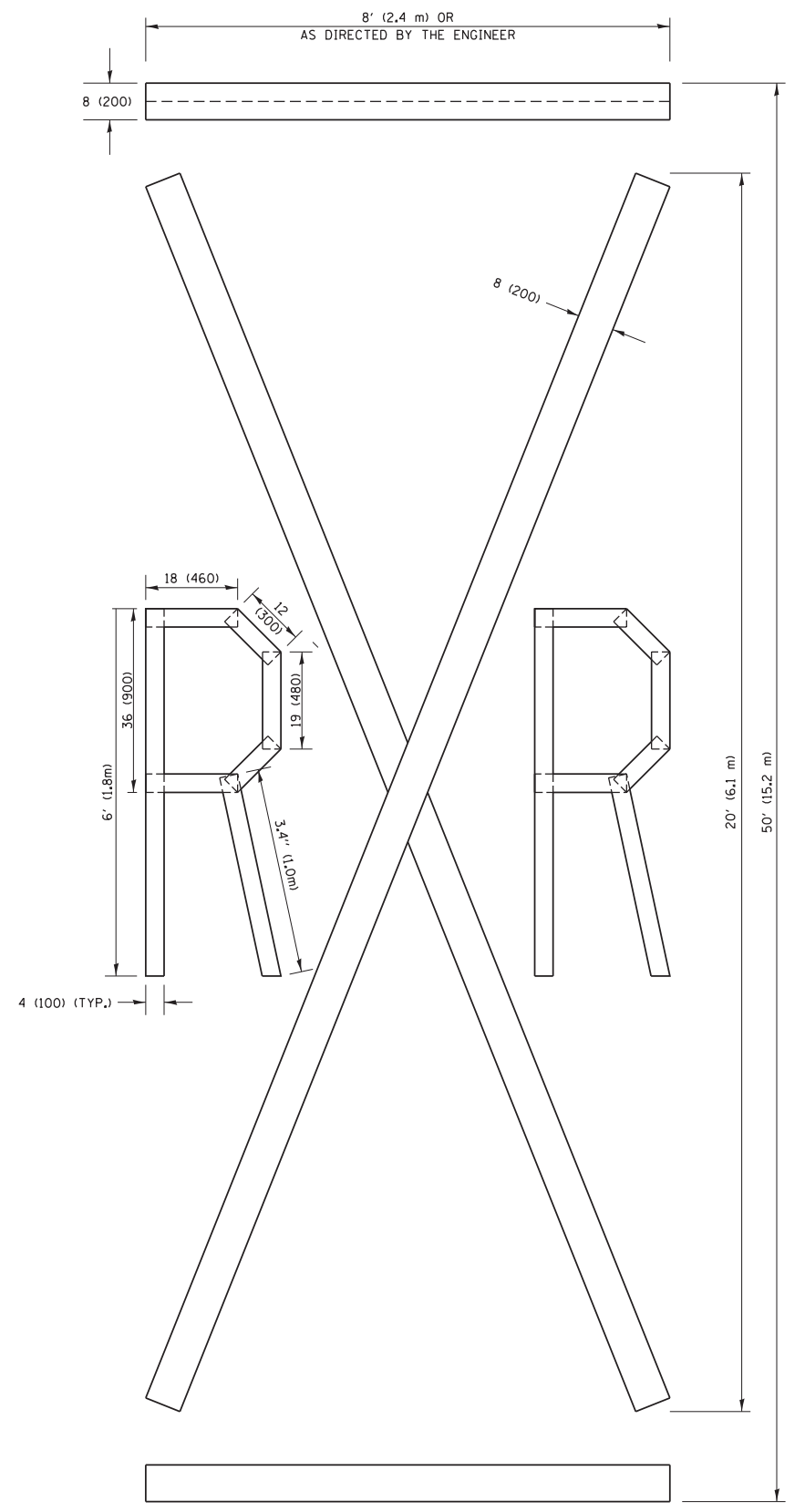


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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:\11\084EBIDINTEG.111inois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\Dist 1\084EBIDINTEG\CADData\CADsheets\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.U. RTE. 1581	SECTION 0208-RS	COUNTY COOK	TOTAL SHEETS 44	SHEET NO. 44
TC-16		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				