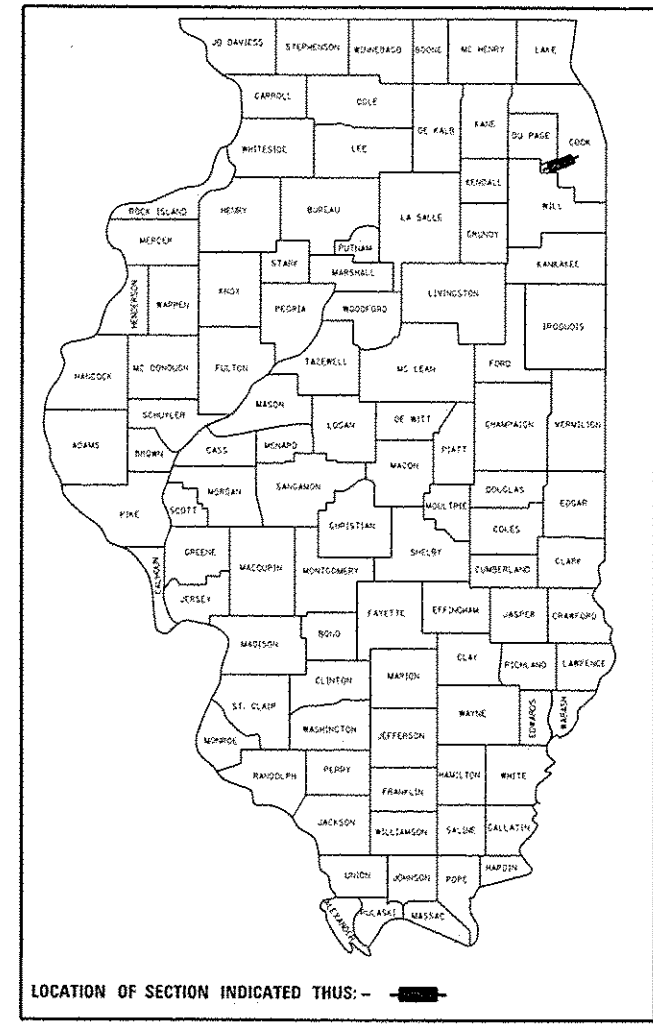


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U-1)RS-7	COOK	40	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 60Y88		

*40 + 27 = 67 total pages

D-91-032-15



LOCATION OF SECTION INDICATED THIS: - [black rectangle]

PROPOSED HIGHWAY PLANS

- 1) F.A.U. 3565 (ILL 171)
- 2) F.A.P. 344 (ILL 83)

SECTION (B&U-1)RS-7

- 1) ILL 83 (KINGERY HIGHWAY) TO POSTON RD.
- 2) WOODVIEW LANE TO US 45

RESURFACING (3P), ADA RAMPS & MILLED RUMBLE STRIPS
COOK COUNTY
C-91-032-15

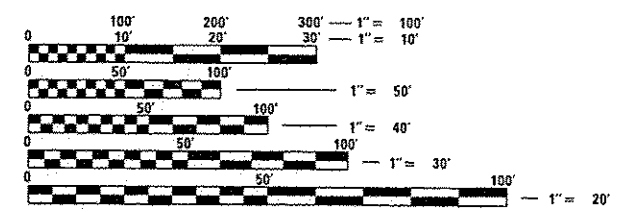
PROJECT STP-HSIP-000V(103)

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED WITHIN THE VILLAGES OF LEMONT AND WILLOW SPRINGS

OMISSION

2013 ADT - 16,300
STA. 204 + 53 TO STA. 222 + 43



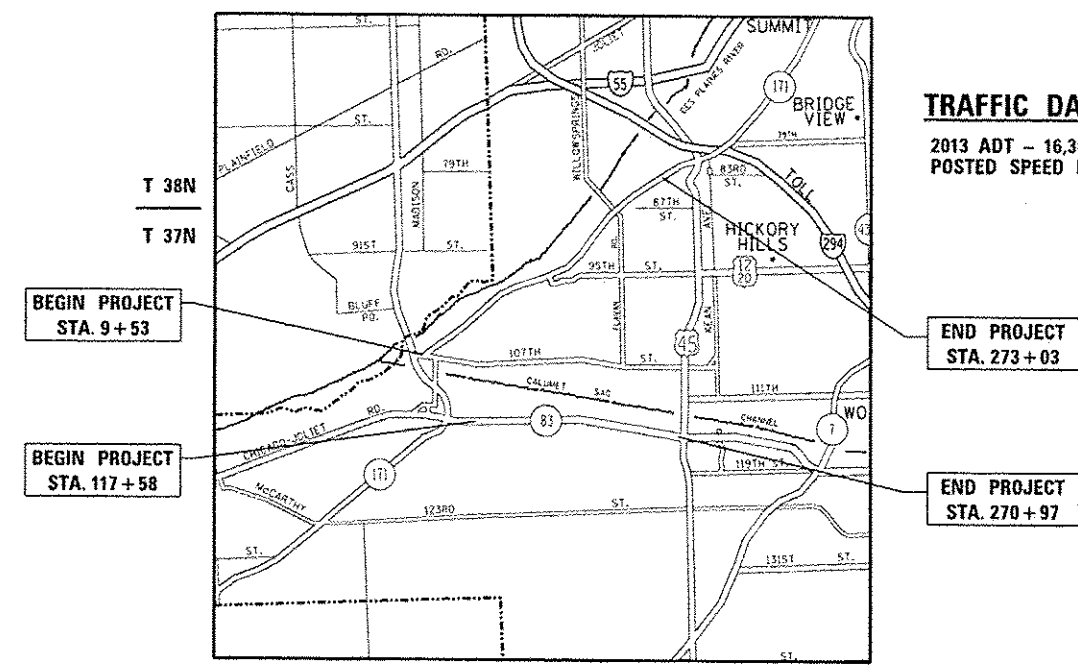
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: JENPAI CHANG (847) 705-4432
PROJECT MANAGER: KEN ENG (847) 702-4247

CONTRACT NO. 60Y88

R 11E | R 12E



LEMONT, PALOS & LYONS TOWNSHIPS

TRAFFIC DATA IL 171 & IL 83

2013 ADT - 16,300
POSTED SPEED LIMIT - 35 MPH TO 55 MPH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 1, 2017

Paul K. Lutz
REGIONAL ENGINEER

March 24, 2017
Maureen M. Addis, PE
ENGINEER OF DESIGN AND ENVIRONMENT

May 24, 2017
Michelle [Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GROSS LENGTH OF PROJECT = 41,689 FT = 7.90 MI.
NET LENGTH OF PROJECT = 39,899 FT = 7.56 MI.

INDEX OF SHEETS

LIST OF STATE STANDARDS

GENERAL NOTES

<u>SHEET NO.</u>	<u>DESCRIPTION</u>	<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET		
2	INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES	000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
3-5	SUMMARY OF QUANTITIES	420001-08	PAVEMENT JOINTS
6-7	EXISTING & PROPOSED TYPICAL SECTIONS	424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
8-25	ROADWAY & PAVEMENT MARKINGS PLANS	424006-02	DIAGONAL CURB RAMPS FOR SIDEWALKS
25A-25Z	PEDESTRIAN ADA RAMP DETAILS	424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
26	DETECTOR LOOP PLANS	424016-03	MID-BLOCK CURB RAMPS FOR SIDEWALKS
27	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-8)	442201-03	CLASS C AND D PATCHES
28	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
29	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)	604001-04	FRAME AND LIDS, TYPE 1
30	BUTT JOINT AND HMA TAPER DETAILS (BD-32)	606001-06	COMBINATION CONCRETE AND GUTTER
31	HMA TAPER AT EDGE OF P.C.C. PAVEMENT (BD-33)	642001-02	SHOULDER RUMBLE STRIPS, 16 IN.
32	RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY (BD-55)	642006	SHOULDER RUMBLE STRIPS, 8 IN.
33	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	701301-04	URBAN LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
34	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)	701306-03	URBAN LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
35	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	701311-03	URBAN LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
36	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)	701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
37	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)	701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
38	ARTERIAL ROAD INFORMATION SIGN (TC-22)	701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
39	DISTRICT ONE DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
40	SHOULDER RUMBLE STRIPE FOR NON-FREEWAY	701801-06	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
		701901-06	TRAFFIC CONTROL DEVICES
		886001-01	DETECTOR LOOP INSTALLATION
		886006-01	TYPICAL LAYOUT FOR DETECTOR LOOPS

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 IS REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF WILLOW SPRINGS AND LEMONT.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (45 KM/H) OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (45 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

THE ENGINEER SHALL CONTACT MR. ERIC CAMPOS, IDOT'S DISTRICT ONE SOUTHWEST AREA TRAFFIC FIELD ENGINEER, VIA E-MAIL AT ERIC.CAMPOS@ILLINOIS.GOV AND, OR AT (815) 485-6475 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKING.

THE RESIDENT ENGINEER SHALL VERIFY ALL EXISTING PAVEMENT MARKINGS BEFORE MILLING.

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 IN THE PLANS.

ALL PAVEMENT PATCHING 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.

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 CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-11.

CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.

FILE NAME *	USER NAME * qureshiya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 3565 (ILL 171) ILL 83 TO POSTON RD. INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cd:\pw_work\pwsdot\qureshiya\0407994\0103215-sht-plan.dgn	DRAWN -	REVISED -	3565			(8&U-1)RS-7	COOK	40	2	
PLOT SCALE * 100.0000 / in.	CHECKED -	REVISED -	CONTRACT NO. 60Y88							
PLOT DATE * 3/14/2017	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.			

Rev

URBAN

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		STP 0005 80/20 FED/STATE ROADWAY ILL 171	HSIP 0021 90/10 FED/STATE ROADWAY ILL 83			
20200100	EARTH EXCAVATION	CU YD	120	120				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	80	80				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1.5	1.5				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1.5	1.5				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1.5	1.5				
25200110	SODDING, SALT TOLERANT	SQ YD	80	80				
25200200	SUPPLEMENTAL WATERING	UNIT	4	4				
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	250	250				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	52289	52289				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	30	30				
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	3568	3568				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	415	415				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	30	30				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		STP 0005 80/20 FED/STATE ROADWAY ILL 171	HSIP 0021 90/10 FED/STATE ROADWAY ILL 83			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	8120	8120				
42001300	PROTECTIVE COAT	SQ YD	1220	1220				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6332	6332				
42400800	DETECTABLE WARNINGS	SQ FT	441	441				
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	73780	73780				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	250	250				
44000600	SIDEWALK REMOVAL	SQ FT	5672	5672				
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	15	15				
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	910	910				
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	335	335				
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	458	458				
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	185	185				
48101202	AGGREGATE SHOULDERS, TYPE B	CU YD	155	155				* SPECIALTY ITEMS
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	2	2				# NON-PARTICIPATING ITEMS

FILE NAME *
 USER NAME * qureshya
 PLOT SCALE * 1/8" = 1'-0"
 PLOT DATE * 2/15/2017

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 3565 SECTION 18&U-1RS-7 COUNTY COOK TOTAL SHEETS 40 SHEET NO. 3
 CONTRACT NO. 60Y88
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

13

Rev

URBAN

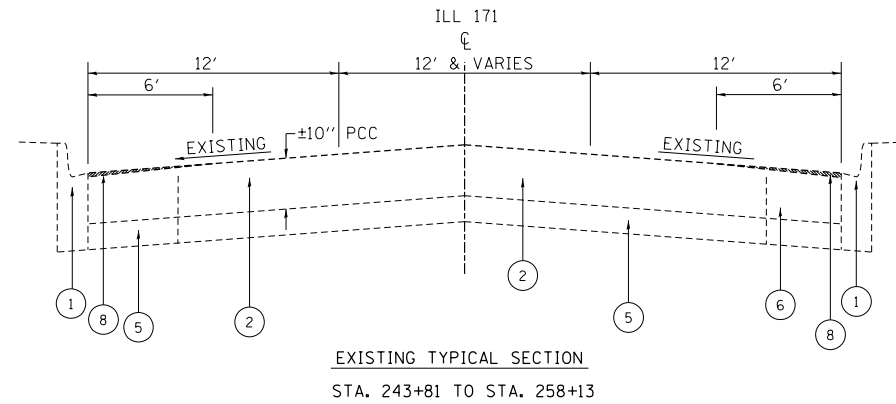
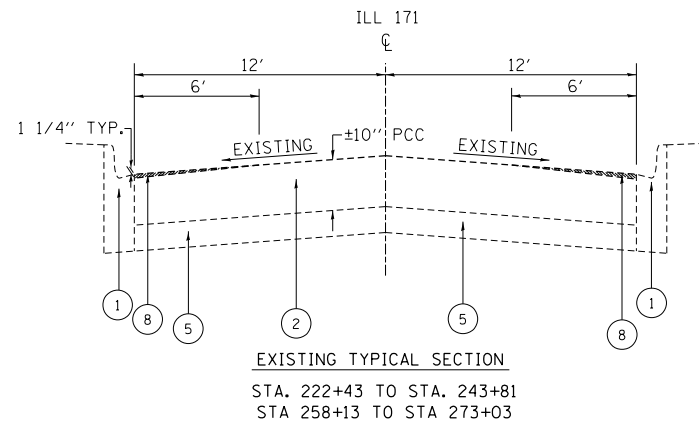
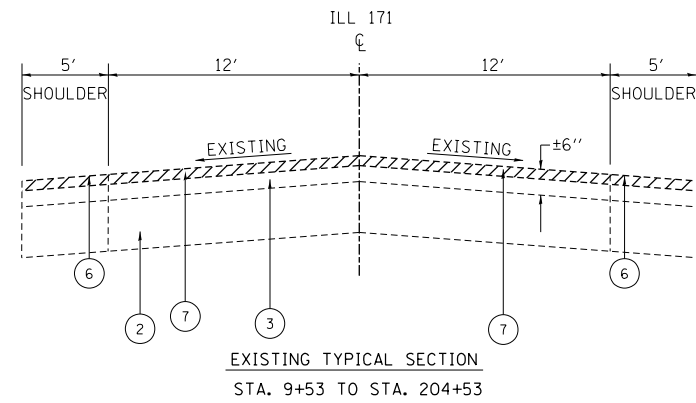
URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	STP		HSIP		CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		8005 80/20 FED/STATE ROADWAY ILL 171	8021 90/10 FED/STATE ROADWAY ILL 83						
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	6	6							
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	12	12							
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	2	2							
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	2	2							
60600605	CONCRETE CURB, TYPE B	FOOT	50	50							
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	42450	42450							
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	120	120							
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6							
67100100	MOBILIZATION	L SUM	1	1							
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1							
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1							
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1							
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1							
X0326898	CENTER LINE - RUMBLE STRIP - 16"	FOOT	36030	20510	15520						

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	STP		HSIP		CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		8005 80/20 FED/STATE ROADWAY ILL 171	8021 90/10 FED/STATE ROADWAY ILL 83						
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1							
70300100	SHORT TERM PAVEMENT MARKING	FOOT	9785	9785							
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	1746	1746							
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	75	75							
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	44565	44565							
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	510	510							
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	377	377							
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	225	225							
72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	36	36							
72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	36	36							
* 8000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	75	75							
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	44565	44565							
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	510	510							
	* Specialty Item										

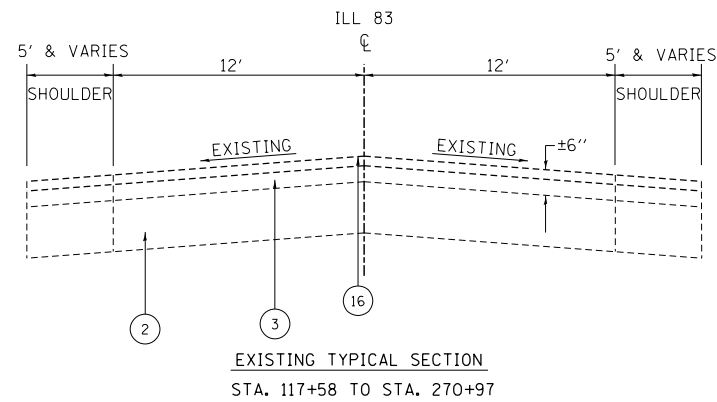
14

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01aw_wor\paw\10404001994\03315-218.pdw	oureshya	DRAWN	REVISED					3565	(B&U)-1RS-7	COOK	40	4
PLOT SCALE = 1000000' / 1"	CHECKED	REVISED						CONTRACT NO. 60Y88				
PLOT DATE = 2/24/2017	DATE	REVISED						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.		



LEGEND

1. EXISTING COMBINATION CONCRETE CURB AND GUTTER
2. EXISTING P.C. CONCRETE PAVEMENT ± 10"
3. EXISTING HMA SURFACE COURSE ± 6"
4. EXISTING AGGREGATE SUBGRADE ± 12"
5. EXISTING SUB-BASE ± 6"
6. EXISTING SHOULDER RUMBLE STRIP
7. PROPOSED HMA SURFACE REMOVAL, 2 1/4"
8. PROPOSED PCC REMOVAL (VAR. DEPTH)
9. PROPOSED COMBINATION CONCRETE CURB AND GUTTER (WHERE NECESSARY)
10. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
11. PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
12. PROPOSED LONGITUDINAL JOINT SEALANT (SHALL BE APPLIED ON THE ROADWAY AS DESCRIBED IN THE SPECIAL PROVISION)
13. PROPOSED 8" RUMBLE STRIPS (SEE RUMBLE STRIP STATIONING)
14. PROPOSED 16" RUMBLE STRIPS (SEE RUMBLE STRIP STATIONING)
15. PROPOSED PARTIAL DEPTH PATCHING
16. PROPOSED PARTIAL DEPTH REMOVAL, 3"

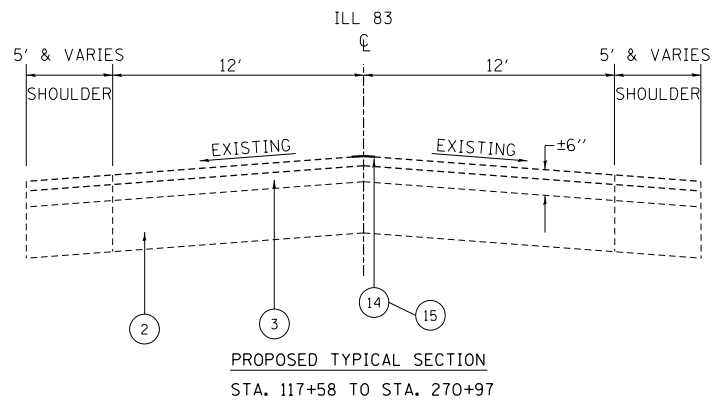
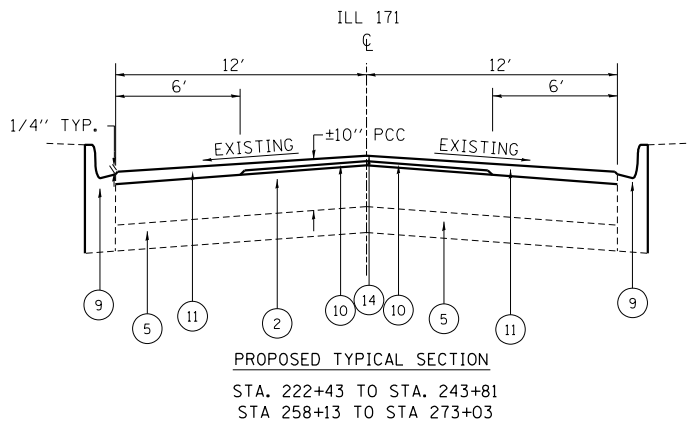
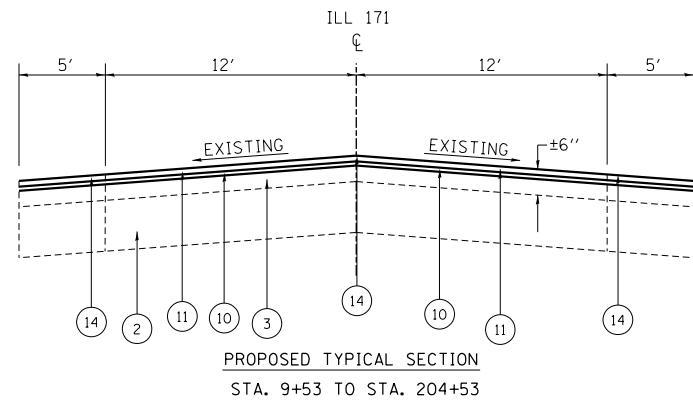


HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS(%) @ Ndes	
PAVEMENT RESURFACING		
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 GYR.	QCP
POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	3.5% @ 50 GYR.	QCP
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.	QC/OA
PARTIAL DEPTH PATCHING, HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 GYR.	QC/OA
SHOULDERS		
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 GYR.	QC/OA
POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	3.5% @ 50 GYR.	QC/OA
DRIVEWAYS		
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2"	4% @ 50 GYR.	PFP
HMA BASE COURSE (HMA BINDER IL-19 mm), 6"	3.5% @ 50 GYR.	QCP
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND 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 DISTRICT ONE SPECIAL PROVISIONS.
 QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE

NOTE
 THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL 171 & ILL 83 EXISTING & PROPOSED TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw\work\p1dot\qureshiya\d0407994\103215-sht-plan.dgn	3215-sht-plan.dgn	DRAWN -	REVISED -			3565	(B&U)-IRS-7	COOK	40	6
PLOT SCALE = 100.0004' / in.		CHECKED -	REVISED -			CONTRACT NO.60Y88				
PLOT DATE = 2/3/2017		DATE -	REVISED -			SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



LEGEND

1. EXISTING COMBINATION CONCRETE CURB AND GUTTER
2. EXISTING P.C. CONCRETE PAVEMENT ± 10"
3. EXISTING HMA SURFACE COURSE ± 6"
4. EXISTING AGGREGATE SUBGRADE ± 12"
5. EXISTING SUB-BASE ± 6"
6. EXISTING SHOULDER RUMBLE STRIP
7. PROPOSED HMA SURFACE REMOVAL, 2 1/4"
8. PROPOSED PCC REMOVAL (VAR. DEPTH)
9. PROPOSED COMBINATION CONCRETE CURB AND GUTTER (WHERE NECESSARY)
10. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
11. PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
12. PROPOSED LONGITUDINAL JOINT SEALANT (SHALL BE APPLIED ON THE ROADWAY AS DESCRIBED IN THE SPECIAL PROVISION)
13. PROPOSED 8" RUMBLE STRIPS (SEE RUMBLE STRIP STATIONING)
14. PROPOSED 16" RUMBLE STRIPS (SEE RUMBLE STRIP STATIONING)
15. PROPOSED PARTIAL DEPTH PATCHING
16. PROPOSED PARTIAL DEPTH REMOVAL, 3"

IL 171 PROPOSED RUMBLE STRIP STATIONING

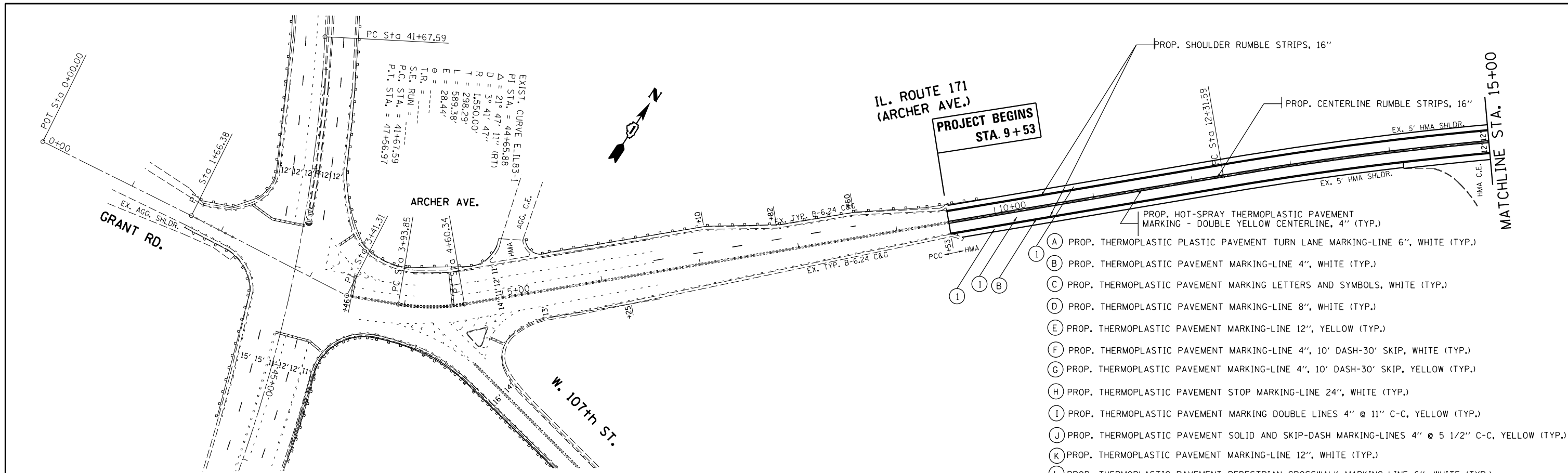
NORTHBOUND	CENTERLINE	SOUTHBOUND
STA. 9+53 TO STA. 14+12	STA. 9+53 TO STA. 127+78	STA. 9+53 TO STA. 90+50
STA. 16+08 TO STA. 82+38	STA. 129+21 TO STA. 134+27	STA. 92+13 TO STA. 173+74
STA. 83+38 TO STA. 127+78	STA. 135+29 TO STA. 176+94	STA. 176+06 TO STA. 176+93
STA. 129+21 TO STA. 134+27	STA. 178+69 TO STA. 185+71	STA. 177+69 TO STA. 179+92
STA. 135+29 TO STA. 175+56	STA. 186+59 TO STA. 204+53	STA. 180+53 TO STA. 185+75
STA. 176+17 TO STA. 181+83	STA. 222+43 TO STA. 226+00	STA. 186+40 TO STA. 186+95
STA. 182+21 TO STA. 185+15	STA. 227+10 TO STA. 229+95	STA. 187+42 TO STA. 188+36
STA. 186+40 TO STA. 186+16	STA. 231+00 TO STA. 232+48	STA. 188+78 TO STA. 190+18
STA. 191+14 TO STA. 191+95	STA. 233+21 TO STA. 235+25	STA. 191+06 TO STA. 191+75
STA. 192+44 TO STA. 193+17	STA. 237+00 TO STA. 239+00	STA. 192+50 TO STA. 193+62
STA. 194+13 TO STA. 204+53	STA. 240+00 TO STA. 242+91	STA. 194+57 TO STA. 196+89
		STA. 197+53 TO STA. 198+82
		STA. 199+18 TO STA. 199+86
		STA. 201+02 TO STA. 201+32
		STA. 201+46 TO STA. 201+98
		STA. 202+12 TO STA. 202+47
		STA. 202+67 TO STA. 204+23
		STA. 204+41 TO STA. 204+53

IL 83 PROPOSED RUMBLE STRIP STATIONING

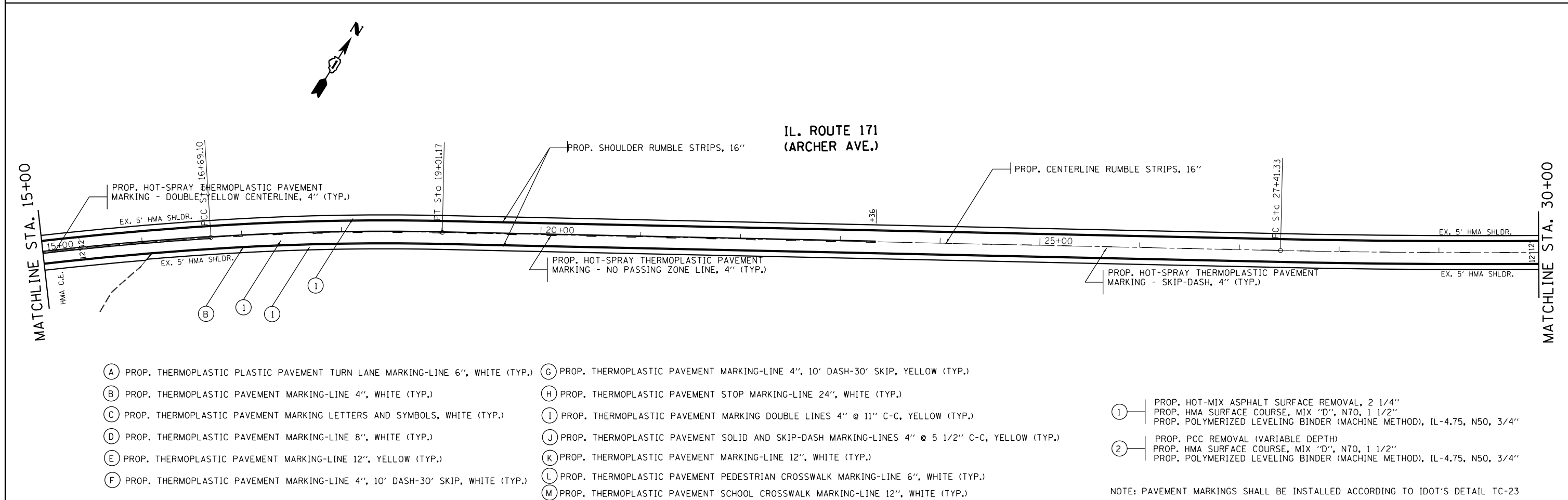
CENTERLINE
STA. 117+58 TO STA. 135+20
STA. 137+00 TO STA. 172+69
STA. 175+00 TO STA. 219+75
STA. 221+71 TO STA. 233+69
STA. 246+83 TO STA. 270+97

NOTE
 THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

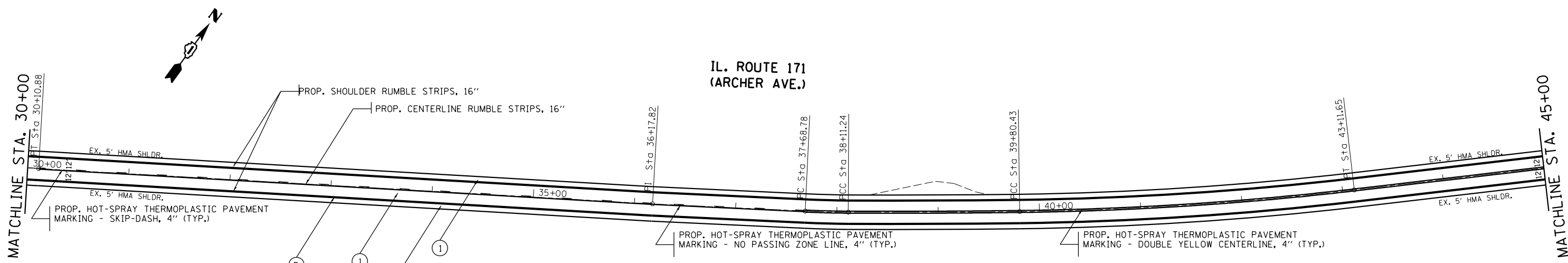
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PLOT SCALE = 100.0004' / 1"	CHECKED -	REVISED -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO.60Y88				
PLOT DATE = 2/3/2017	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



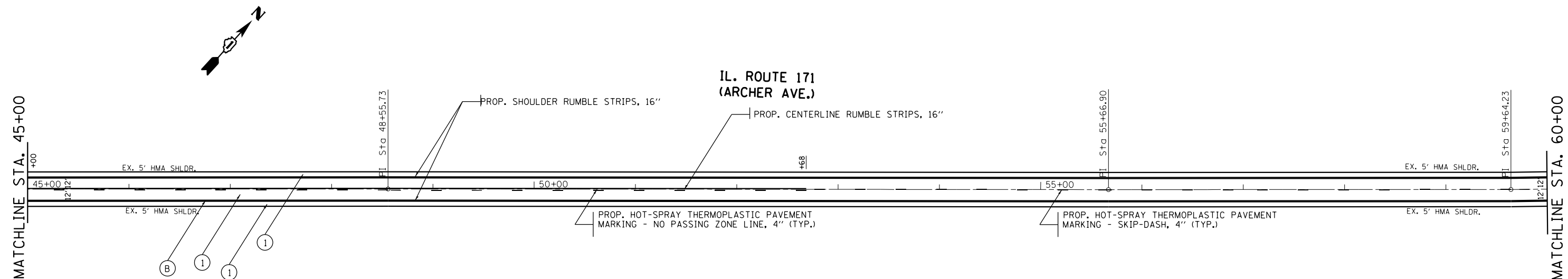
NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23



FILE NAME = c:\pwwork\pwwork\qureshiya\d0407994\0103215-sht-plan.dgn	USER NAME = qureshiya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS			F.A.U. RTE. = 3565	SECTION = (B&U-1)RS-7	COUNTY = COOK	TOTAL SHEETS = 40	SHEET NO. = 8	
PLOT SCALE = 100.0004' / in.	CHECKED -	REVISED -	REVISED -		IL. RTE. 171 (IL. RTE. 83 (KINGERY HWY.) TO NORTH OF POSTON RD.)			CONTRACT NO. 60Y88					
Default	DATE -	REVISED -	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 0+00	TO	STA. 30+00	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 2/3/2017	DATE -	REVISED -										

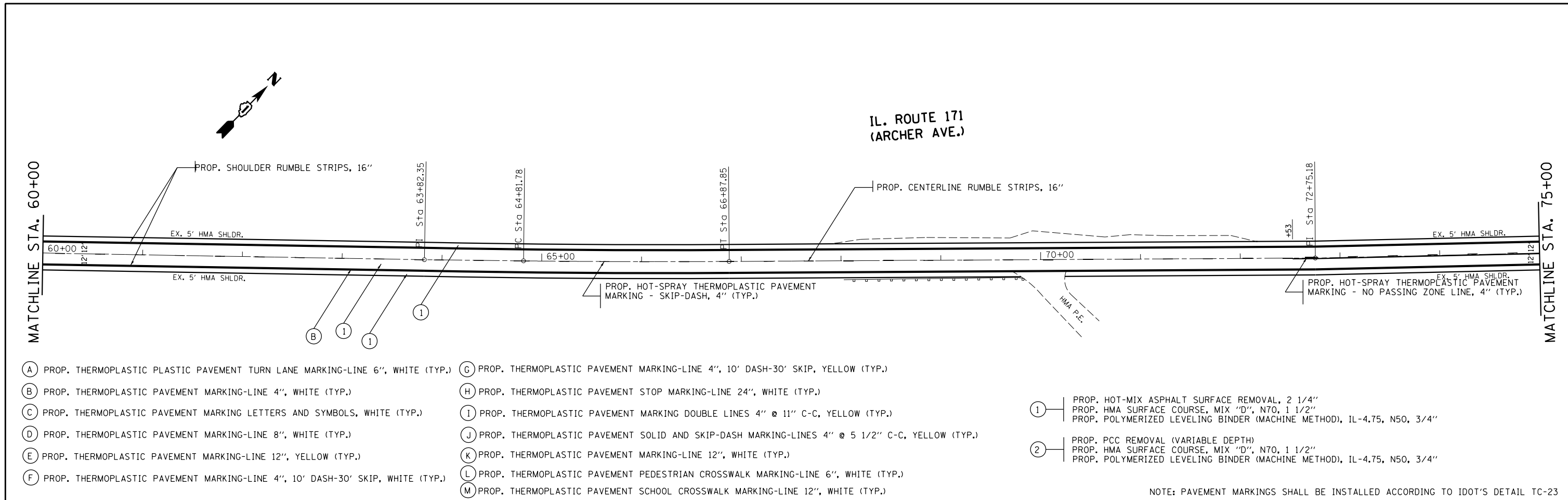


- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
 - (B) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
 - (C) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
 - (D) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
 - (E) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", YELLOW (TYP.)
 - (F) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
 - (G) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)
 - (H) PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
 - (I) PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
 - (J) PROP. THERMOPLASTIC PAVEMENT SOLID AND SKIP-DASH MARKING-LINES 4" @ 5 1/2" C-C, YELLOW (TYP.)
 - (K) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)
 - (L) PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)
 - (M) PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
 - (1) PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 - (2) PROP. PCC REMOVAL (VARIABLE DEPTH)
PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23



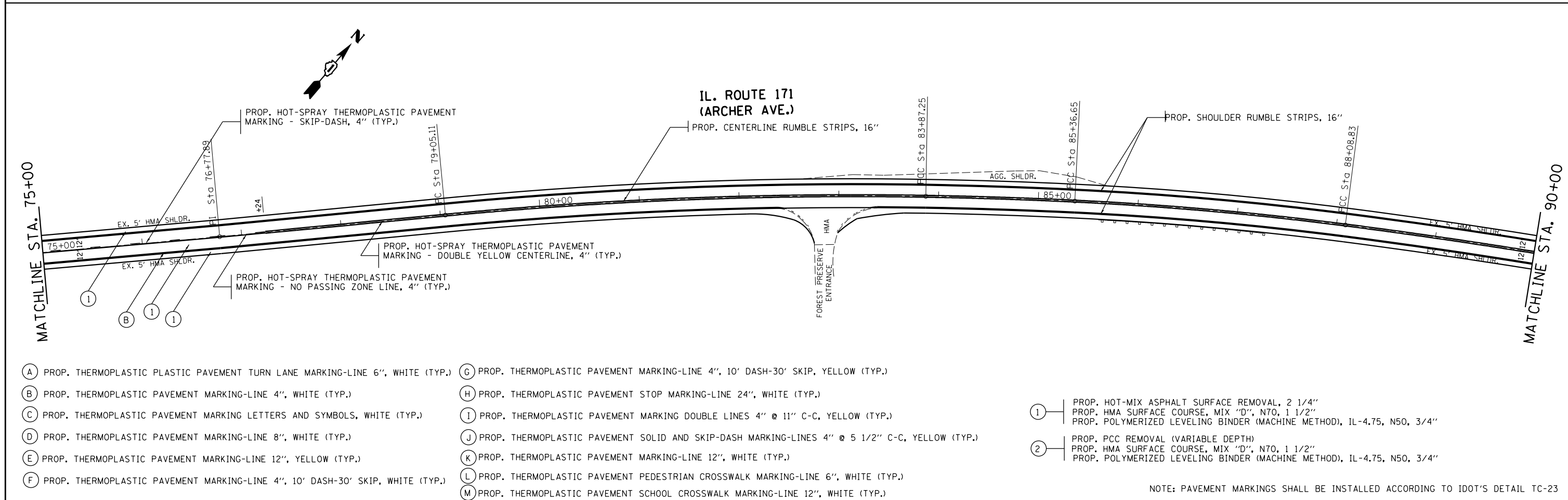
- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
 - (B) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
 - (C) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
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 - (1) PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
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PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	ca:\pw\work\pilot\qureshiya\d0407994\0103215-sht-plan.dgn	DRAWN -	REVISED -		IL. RTE. 171 (IL. RTE. 83 (KINGERY HWY.) TO NORTH OF POSTON RD.)				3565	(B&U-1)RS-7	COOK	40	9
	PLOT SCALE = 100.0004' / in.	CHECKED -	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. 30+00 TO STA. 60+00				CONTRACT NO. 60Y88				
	PLOT DATE = 2/3/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
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PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (2) PROP. PCC REMOVAL (VARIABLE DEPTH)
PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

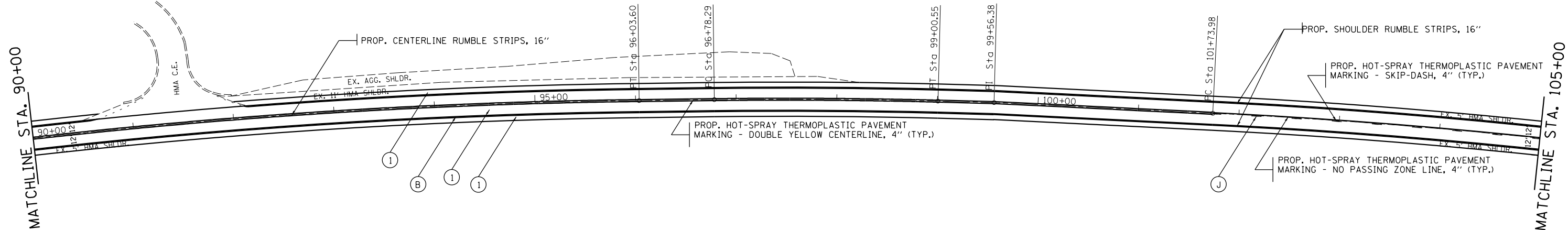


- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- (B) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
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PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
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PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS IL. RTE. 171 (IL. RTE. 83 (KINGERY HWY.) TO NORTH OF POSTON RD.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	ca:\pwwork\pwwork\qureshiya\0407994\0103215-sht-plan.dgn	DRAWN -	REVISED -			3565	(B&U-1)RS-7	COOK	40	10	
	PLOT SCALE = 100.0004' / in.	CHECKED -	REVISED -			CONTRACT NO. 60Y88					
	PLOT DATE = 2/3/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

IL. ROUTE 171
(ARCHER AVE.)

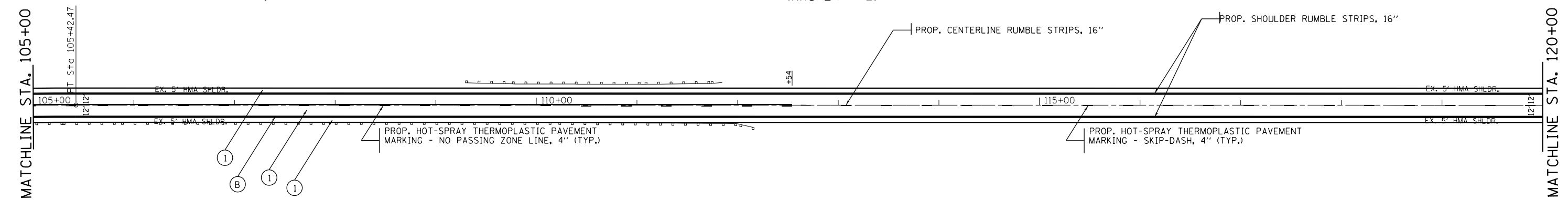


- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
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PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
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- (2) PROP. PCC REMOVAL (VARIABLE DEPTH)
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PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

IL. ROUTE 171
(ARCHER AVE.)



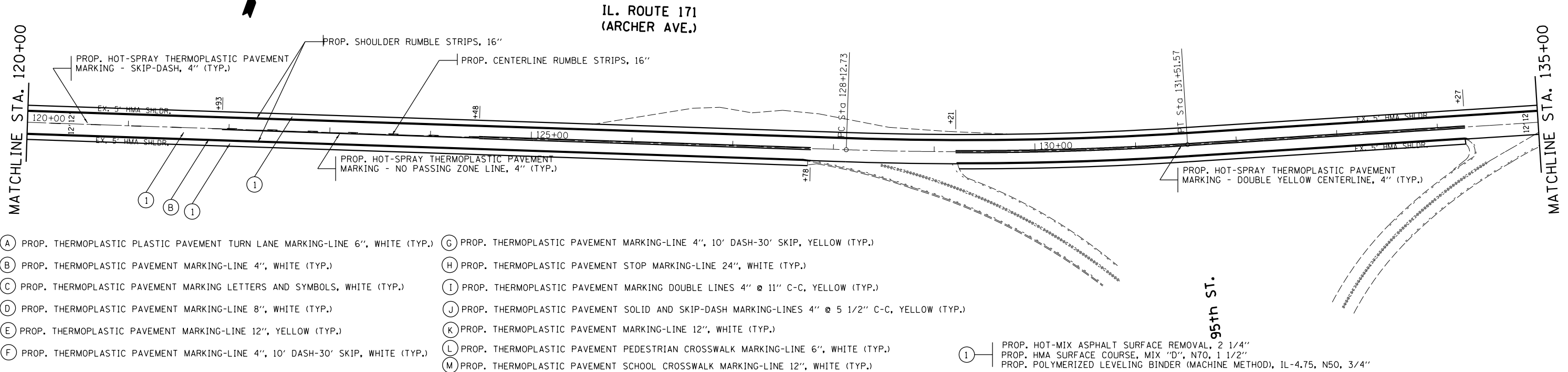
- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
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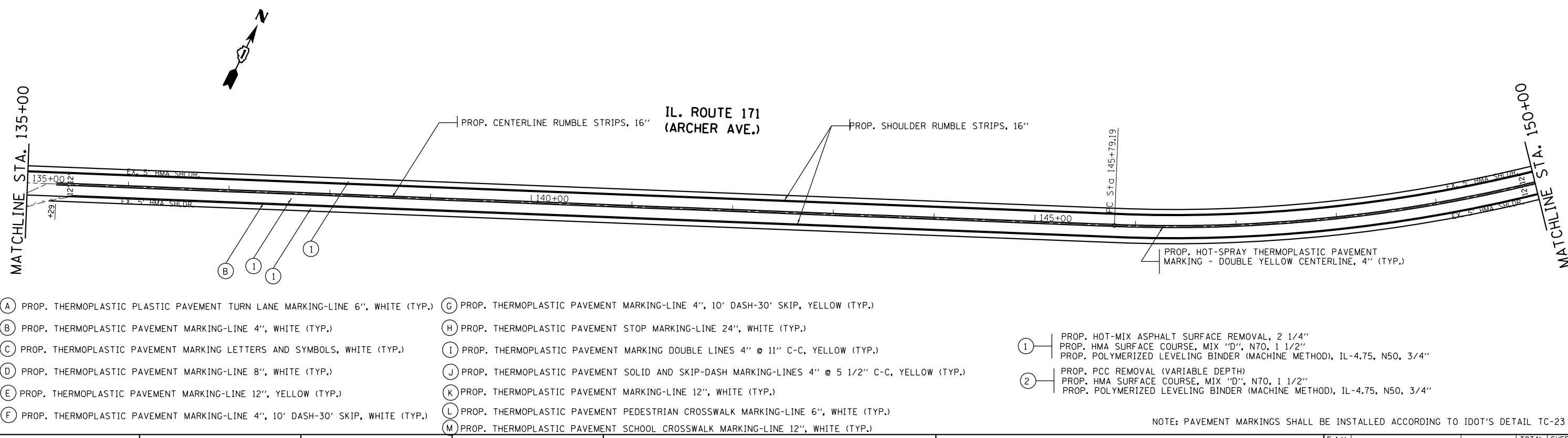
NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	ca:\pwwork\pwwork\qureshiya\d0407994\103215-sht-plan.dgn	DRAWN -	REVISED -		IL. RTE. 171 (IL. RTE. 83 (KINGERY HWY.) TO NORTH OF POSTON RD.)			3565	(B&U-1)RS-7	COOK	40	11
	PLOT SCALE = 100.0004' / in.	CHECKED -	REVISED -		SCALE: 1"=50'			SHEET OF SHEETS STA. 90+00 TO STA. 120+00			CONTRACT NO. 60Y88	
	PLOT DATE = 2/3/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

- ② PROP. PCC REMOVAL (VARIABLE DEPTH)
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- PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

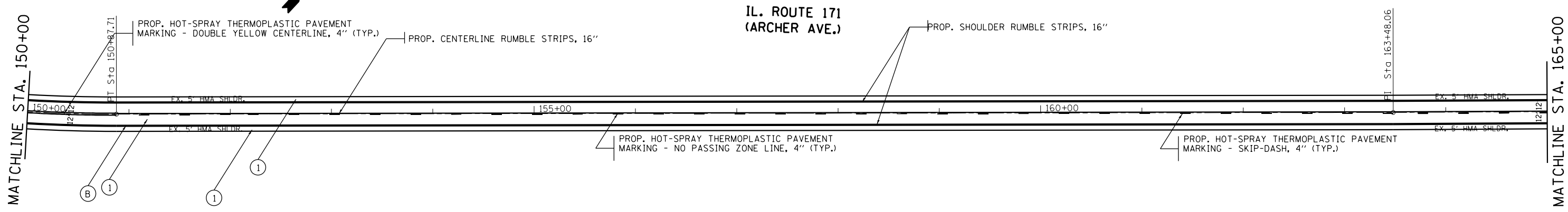


- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 - PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
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 - B PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
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 - D PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
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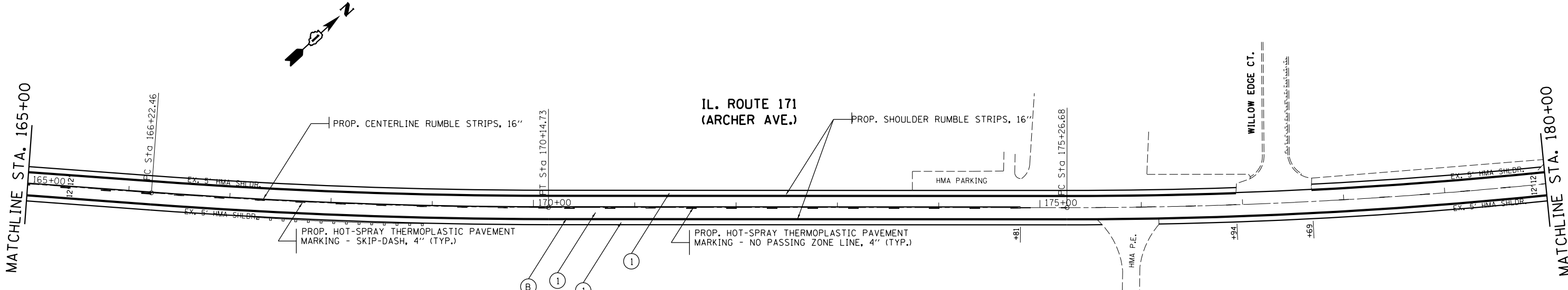


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FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\p\dot\qureshiya\0407994\103215-sht-plan.dgn		DRAWN -	REVISD -		IL. RTE. 171 (IL. RTE. 83 (KINGERY HWY.) TO NORTH OF POSTON RD.)			3565	(B&U-1)RS-7	COOK	40	12
Default	PLOT SCALE = 100.0004' / 1in.	CHECKED -	REVISD -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 120+00	TO STA. 150+00	CONTRACT NO. 60Y88	
	PLOT DATE = 2/3/2017	DATE -	REVISD -		ILLINOIS FED. AID PROJECT							

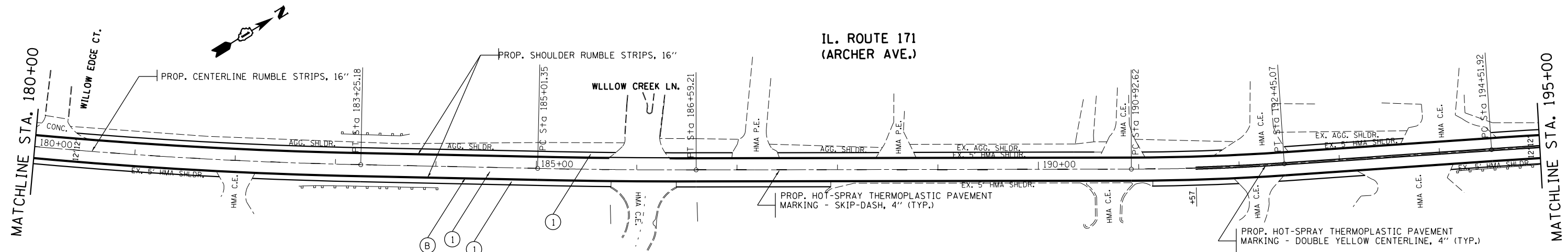


- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
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 - (I) PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
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 - (K) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", WHITE (TYP.)
 - (L) PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)
 - (M) PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
 - (1) PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 - (2) PROP. PCC REMOVAL (VARIABLE DEPTH)
PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23



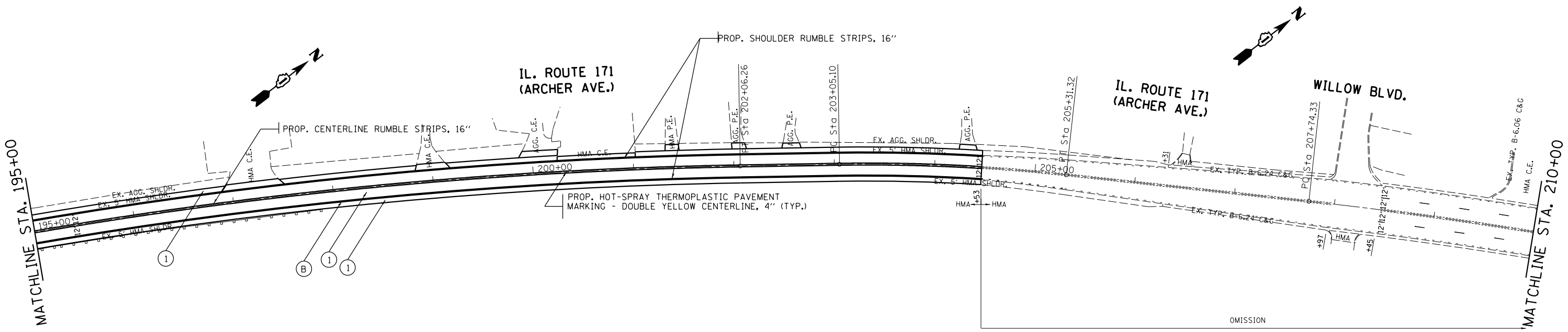
- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
 - (B) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
 - (C) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
 - (D) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
 - (E) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12", YELLOW (TYP.)
 - (F) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
 - (G) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)
 - (H) PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
 - (I) PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
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PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwork\qureshiya\d0407994\103215-sht-plan.dgn		DRAWN -	REVISED -		IL. RTE. 171 (IL. RTE. 83 (KINGERY HWY.) TO NORTH OF POSTON RD.)			3565	(B&U-1)RS-7	COOK	40	13
Default		CHECKED -	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 150+00	TO STA. 180+00	CONTRACT NO. 60Y88	
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- (B) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
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PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23



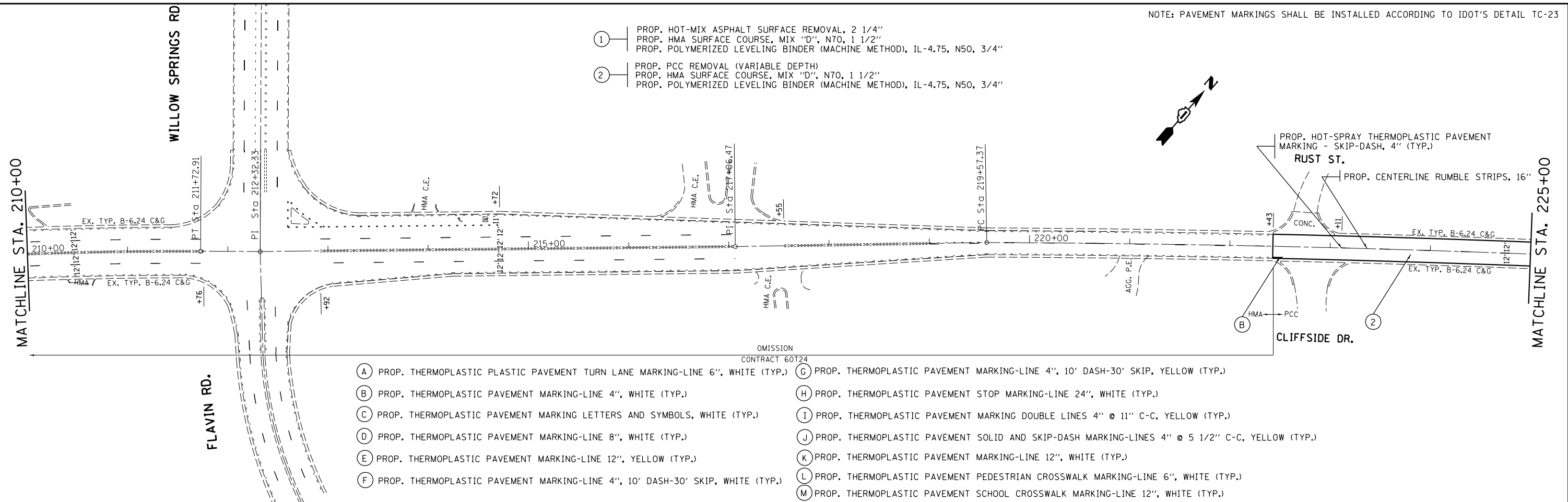
- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- (B) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- (C) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
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NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

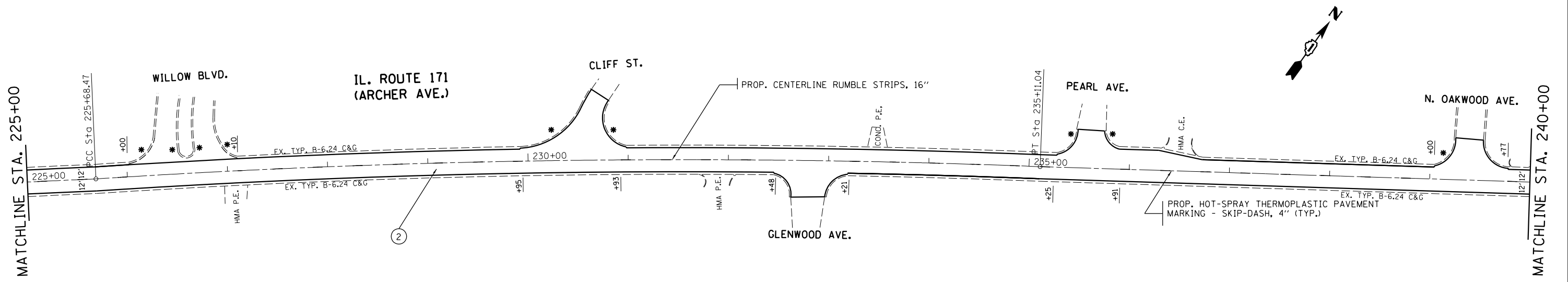
FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pw\work\pidot\qureshiya\0407994\0103215-sht-plan.dgn	3215-sht-plan.dgn	DRAWN -	REVISED -		IL. RTE. 171 (IL. RTE. 83 (KINGERY HWY.) TO NORTH OF POSTON RD.)		3565	(B&U-1)RS-7	COOK	40	14	
Default	PLOT SCALE = 100.0004' / in.	CHECKED -	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 180+00	TO STA. 210+00	CONTRACT NO. 60Y88	
	PLOT DATE = 2/3/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
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- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
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- (M) PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)



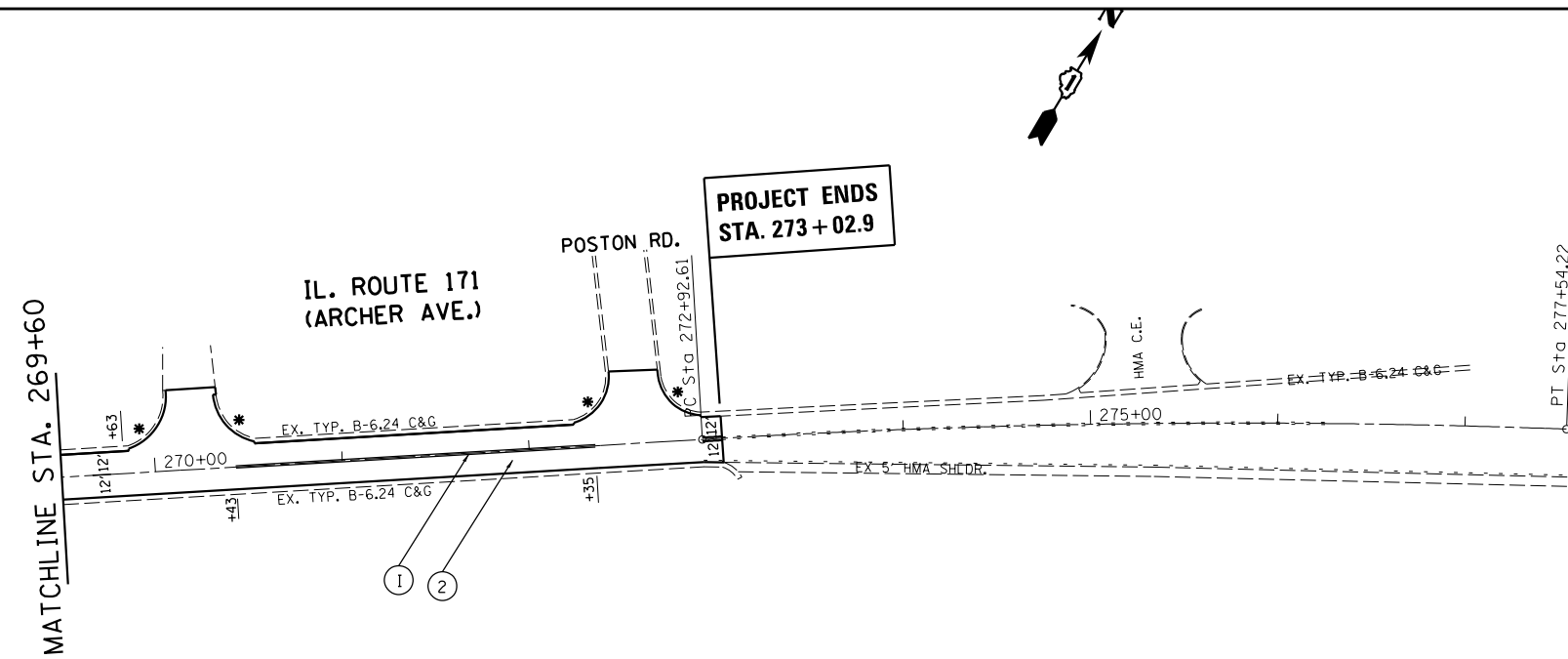
- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
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* ADA RAMP

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwork\idot\qureshiya\0407994\0103215-sht-plan.dgn	3215-sht-plan.dgn	DRAWN -	REVISED -		IL. RTE. 171 (IL. RTE. 83 (KINGERY HWY.) TO NORTH OF POSTON RD.)			3565	(B&U-1)RS-7	COOK	40	15
Default	PLOT SCALE = 100.0004' / in.	CHECKED -	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 210+00	TO STA. 240+00	CONTRACT NO. 60Y88	
	PLOT DATE = 2/3/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
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* ADA RAMPS

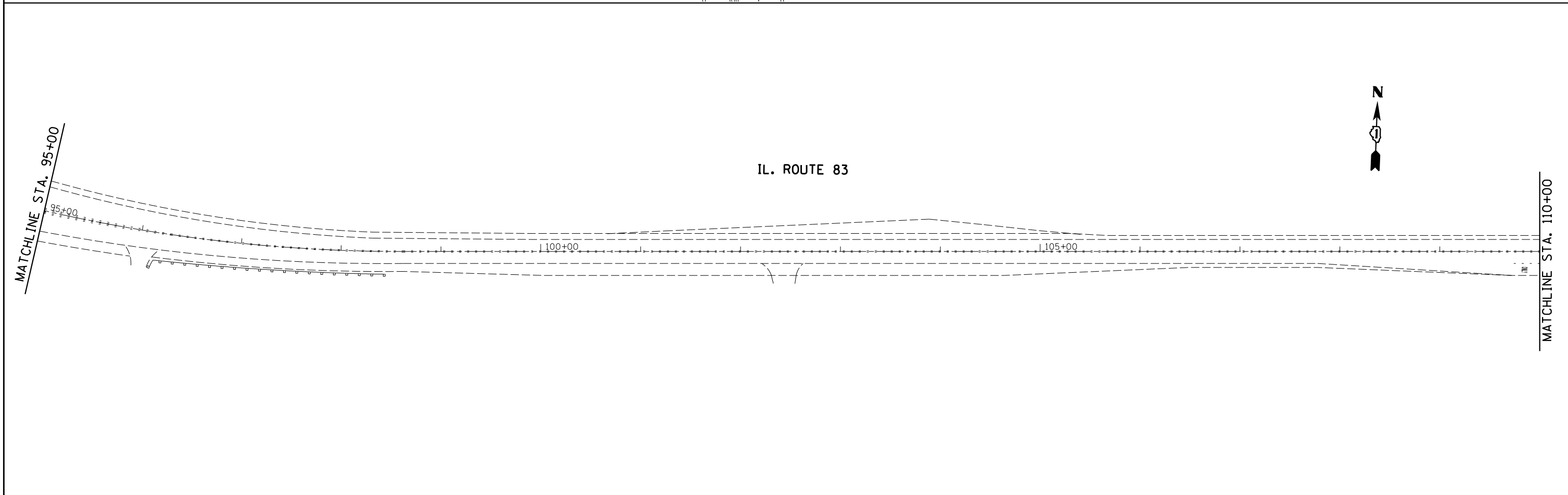
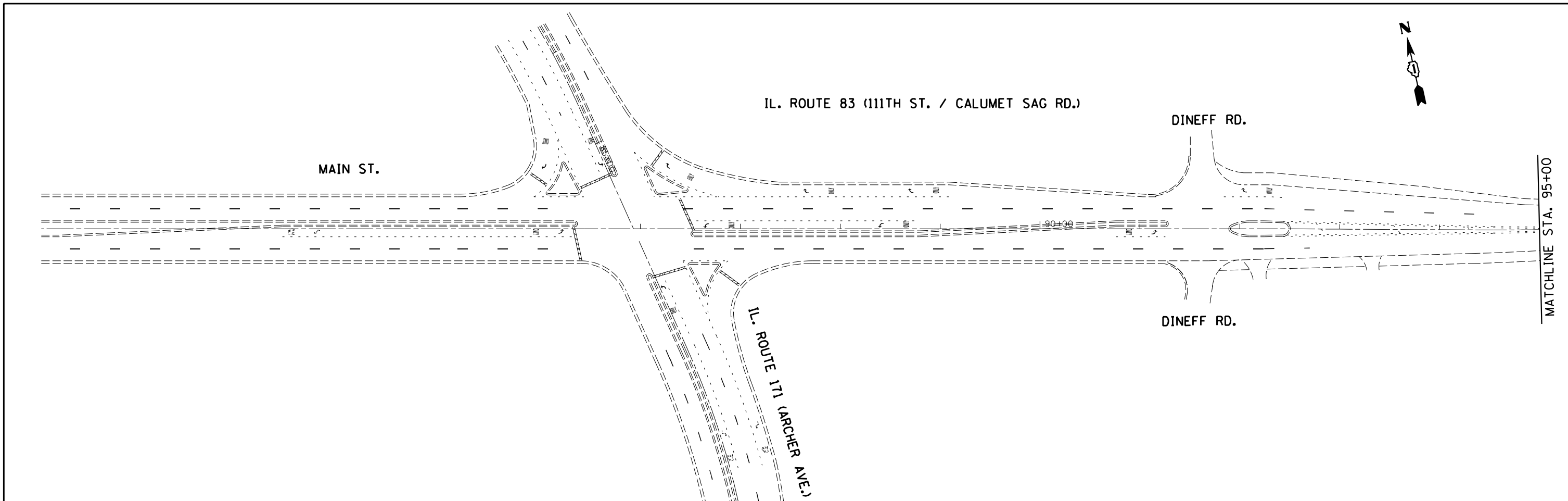
NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

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Default	PLOT SCALE = 100.0004' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLANS			
IL. RTE. 171 (IL. RTE. 83 (KINGERY HWY.) TO NORTH OF POSTON RD.)			
SCALE: 1"=50'	SHEET	OF	SHEETS
			STA. 269+50 TO STA. 277+54.22

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U-1)RS-7	COOK	40	17
CONTRACT NO. 60Y88				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISED -
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	PLOT DATE = 2/3/2017	DATE -	REVISED -

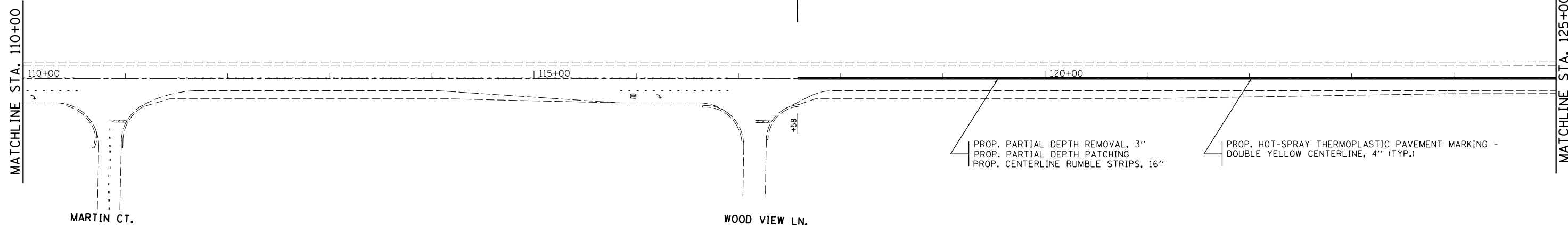
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLANS
IL. RTE. 83 (IL. RTE. 171 TO U.S. RTE. 45)**

SCALE: 1"=50' SHEET OF SHEETS STA. 0+00 TO STA. 30+00

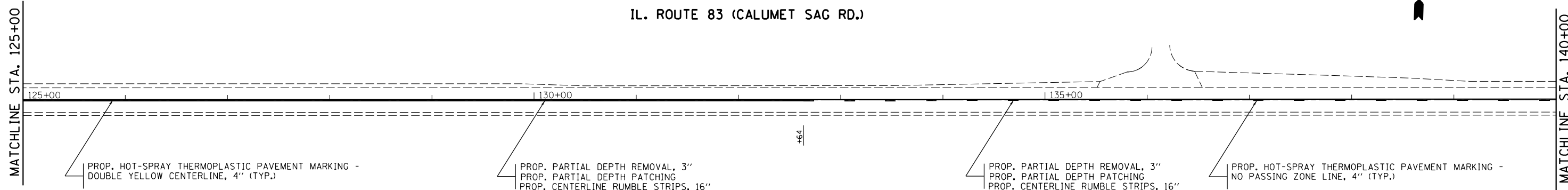
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U-1)RS-7	COOK	40	18
CONTRACT NO. 60Y88				
ILLINOIS FED. AID PROJECT				

PROJECT BEGINS
STA. 117+58
IL. ROUTE 83



NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

IL. ROUTE 83 (CALUMET SAG RD.)



NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

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Default	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

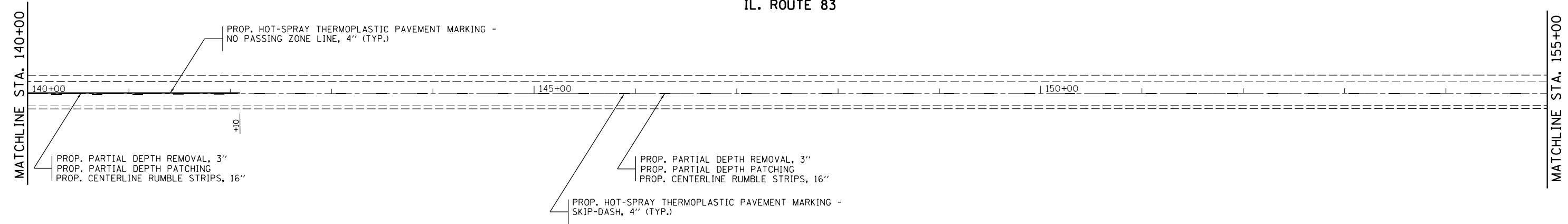
ROADWAY PLANS
IL. RTE. 83 (IL. RTE. 171 TO U.S. RTE. 45)

SCALE: 1"=50' SHEET OF SHEETS STA. 0+00 TO STA. 30+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60Y88				
ILLINOIS FED. AID PROJECT				



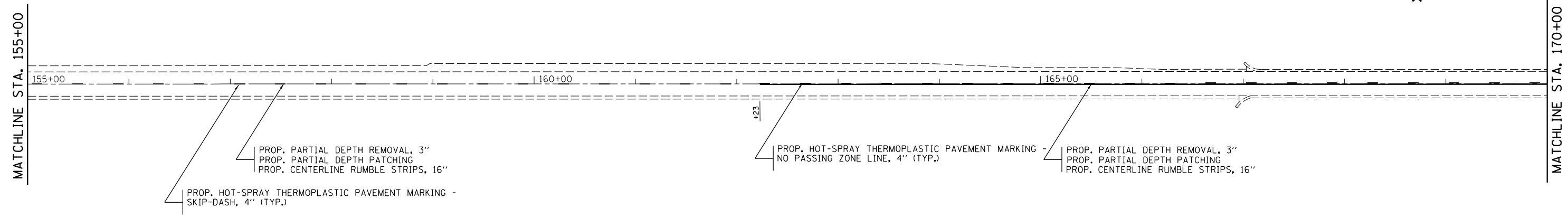
IL. ROUTE 83



NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

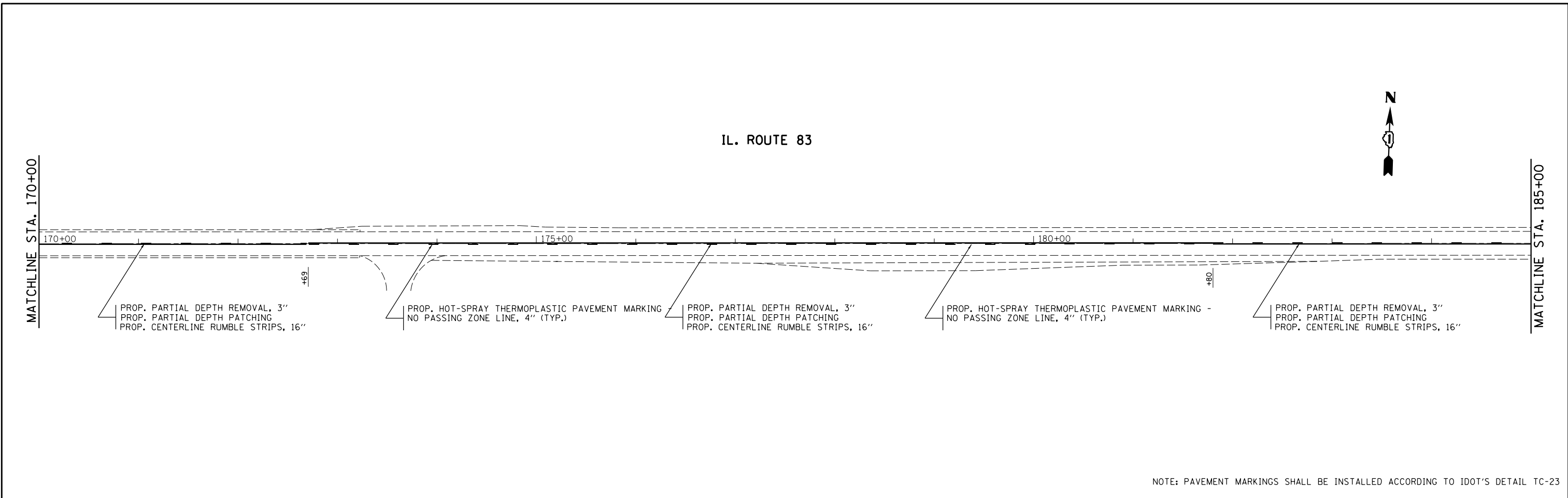


IL. ROUTE 83

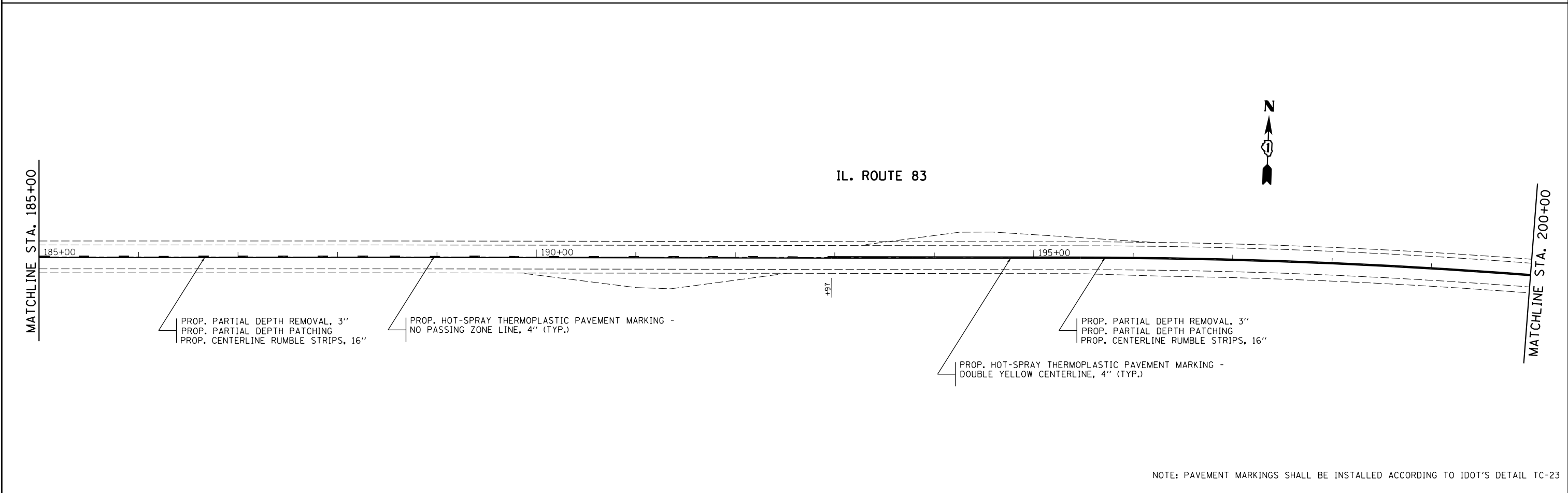


NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS IL. RTE. 83 (IL. RTE. 171 TO U.S. RTE. 45)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pw_work\p\idot\qureshiya\0407994\0103215-sht-plan.dgn	PLLOT SCALE = 100.0004' / in.	DRAWN -	REVISED -			3565	(B&U-1)RS-7	COOK	40	20	
Default	PLLOT DATE = 2/3/2017	CHECKED -	REVISED -			CONTRACT NO. 60Y88					
		DATE -	REVISED -			SCALE: 1"=50'	SHEET OF SHEETS	STA. 0+00 TO STA. 30+00	ILLINOIS FED. AID PROJECT		



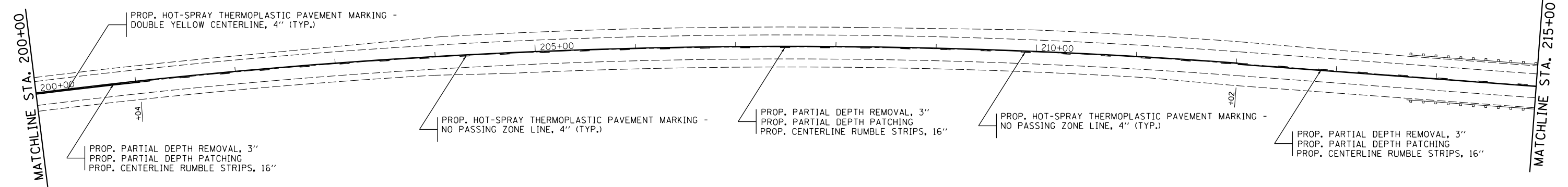
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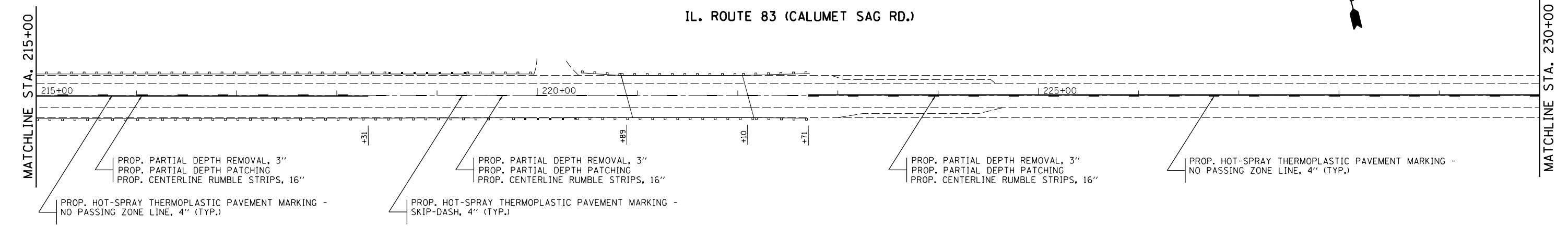
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Default	Default	DRAWN -	REVISED -		IL. RTE. 83 (IL. RTE. 171 TO U.S. RTE. 45)			3565	(B&U-1)RS-7	COOK	40	21		
		CHECKED -	REVISED -		SCALE: 1"=50'			SHEET OF SHEETS		STA. 0+00 TO STA. 30+00			CONTRACT NO. 60Y88	
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

IL. ROUTE 83



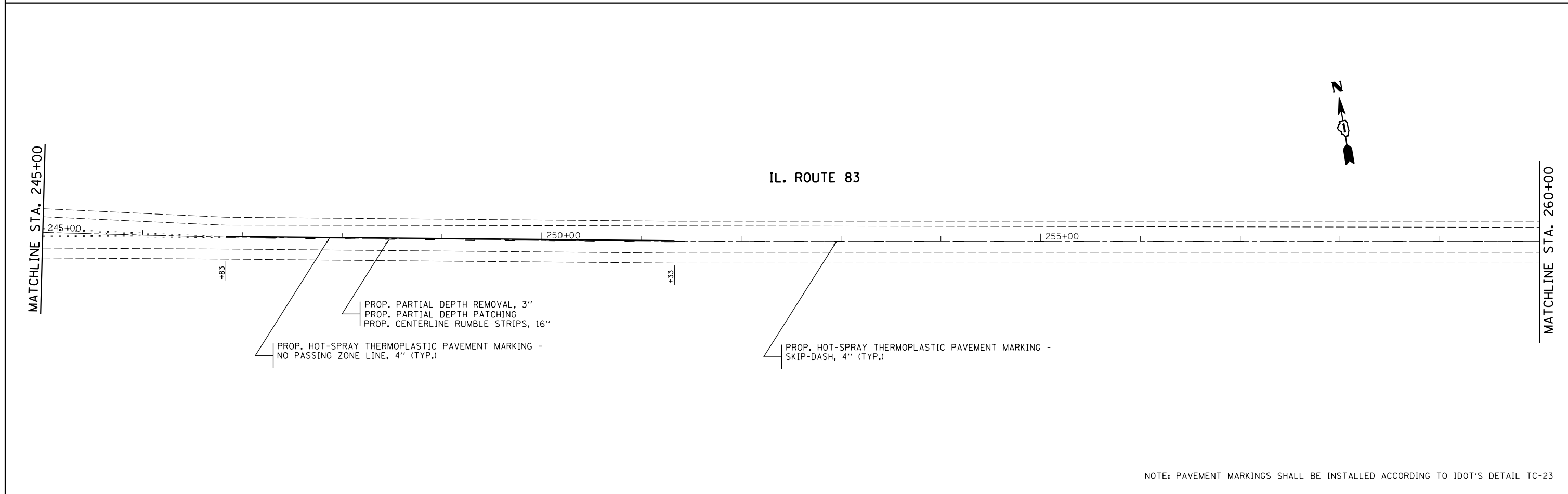
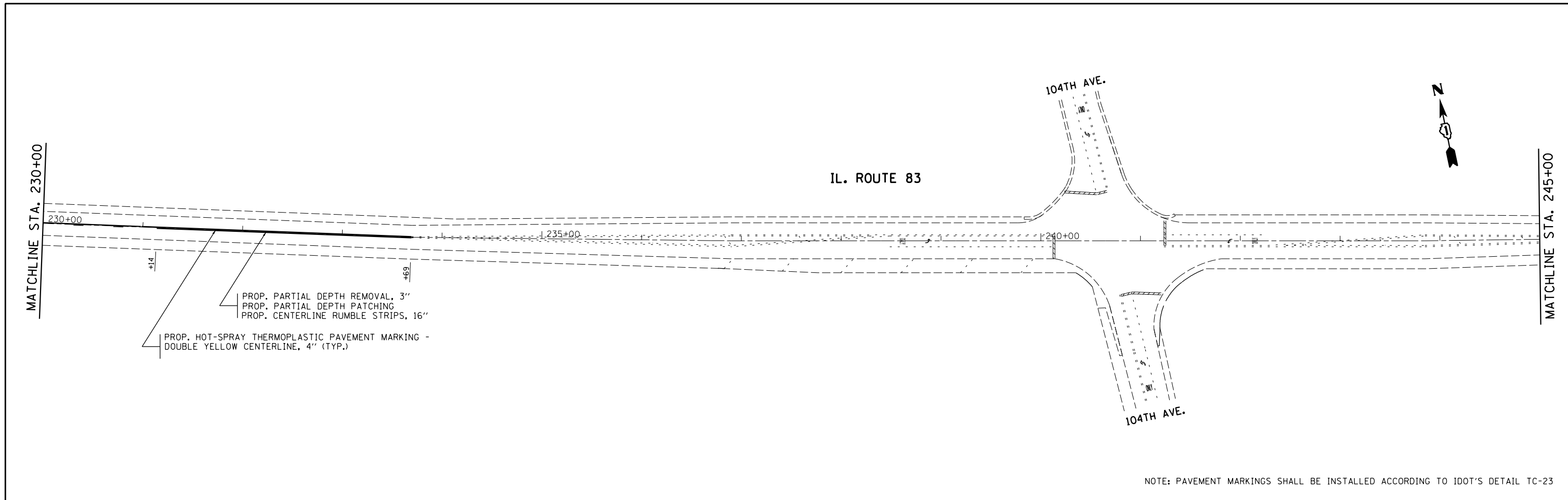
NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

IL. ROUTE 83 (CALUMET SAG RD.)

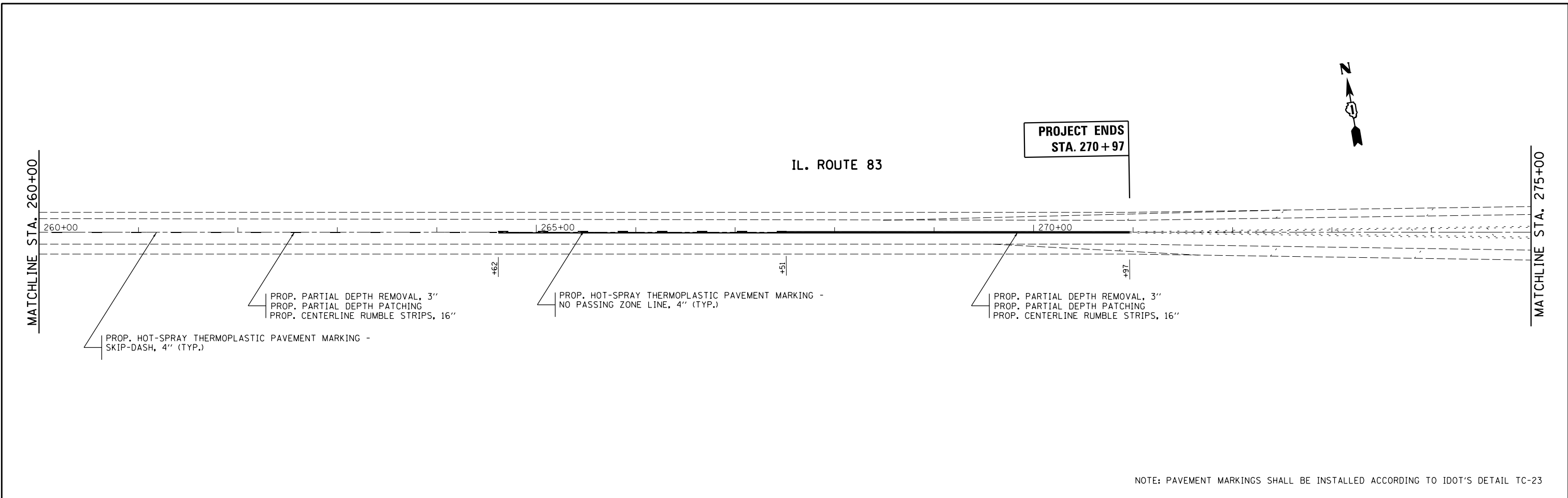


NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23

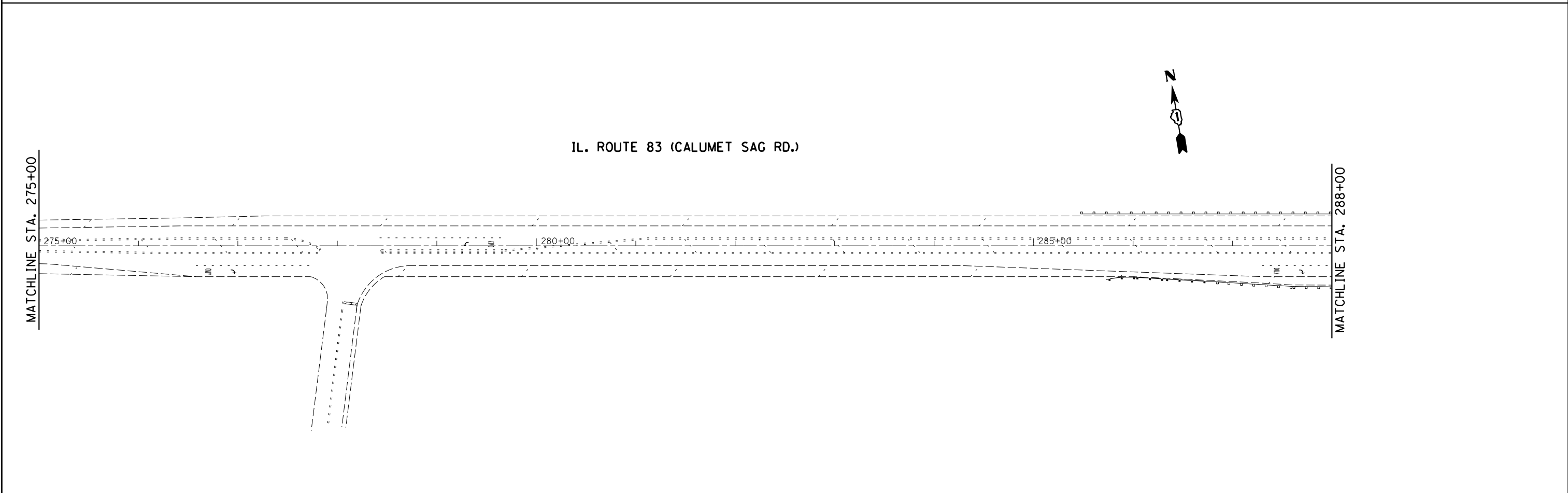
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Default	Default	DRAWN -	REVISED -		IL. RTE. 83 (IL. RTE. 171 TO U.S. RTE. 45)				3565	(B&U-1)RS-7	COOK	40	22
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	PLOT DATE = 2/3/2017	DATE -	REVISED -		CONTRACT NO. 60Y88				ILLINOIS FED. AID PROJECT				



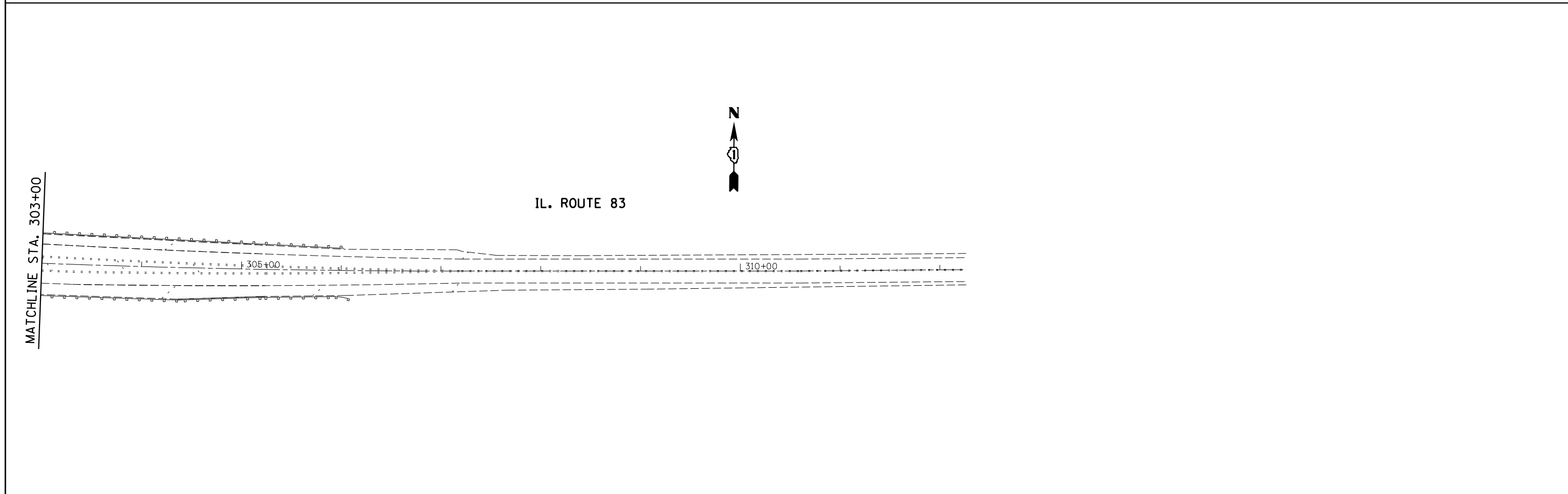
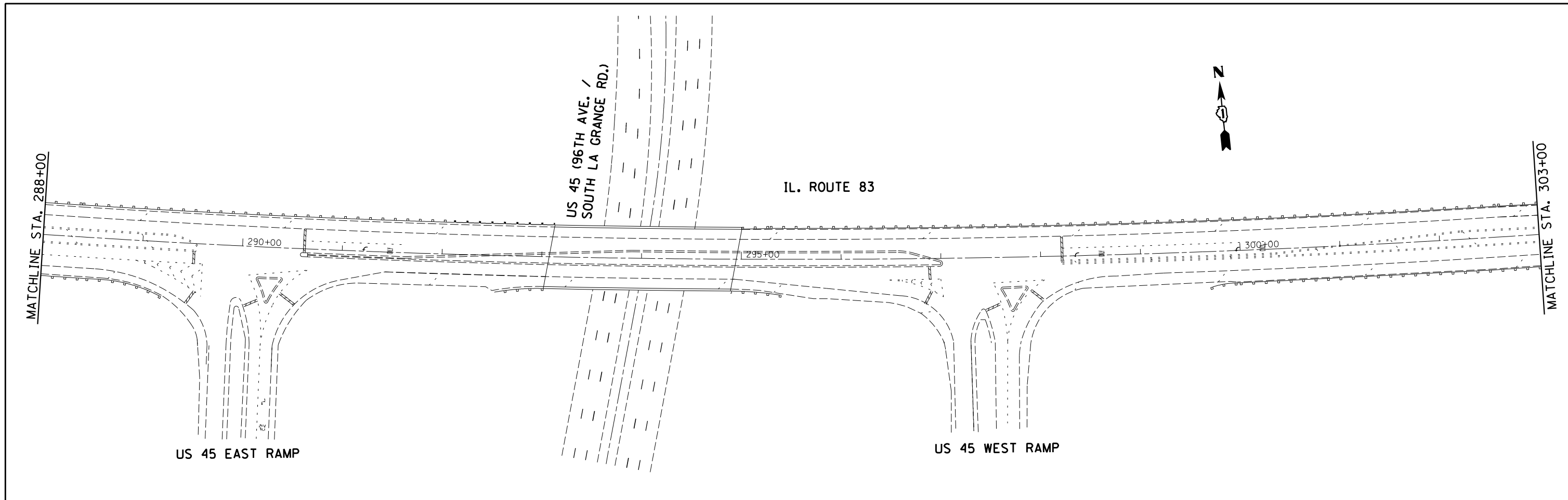
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c:\pw_work\pwidot\qureshiya\d0407994\0103215-sht-plan.dgn		DRAWN -	REVISED -		IL. RTE. 83 (IL. RTE. 171 TO U.S. RTE. 45)				3565	(B&U-1)RS-7	COOK	40	23
Default		CHECKED -	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. 0+00 TO STA. 30+00				CONTRACT NO. 60Y88				
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				



NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DETAIL TC-23



FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS IL. RTE. 83 (IL. RTE. 171 TO U.S. RTE. 45)			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default	Default	DRAWN -	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 0+00	TO STA. 30+00	3565	(B&U-1)RS-7	COOK	40	24
		CHECKED -	REVISED -								CONTRACT NO. 60Y88				
		DATE -	REVISED -								ILLINOIS FED. AID PROJECT				



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

**ROADWAY PLANS
IL. RTE. 83 (IL. RTE. 171 TO U.S. RTE. 45)**

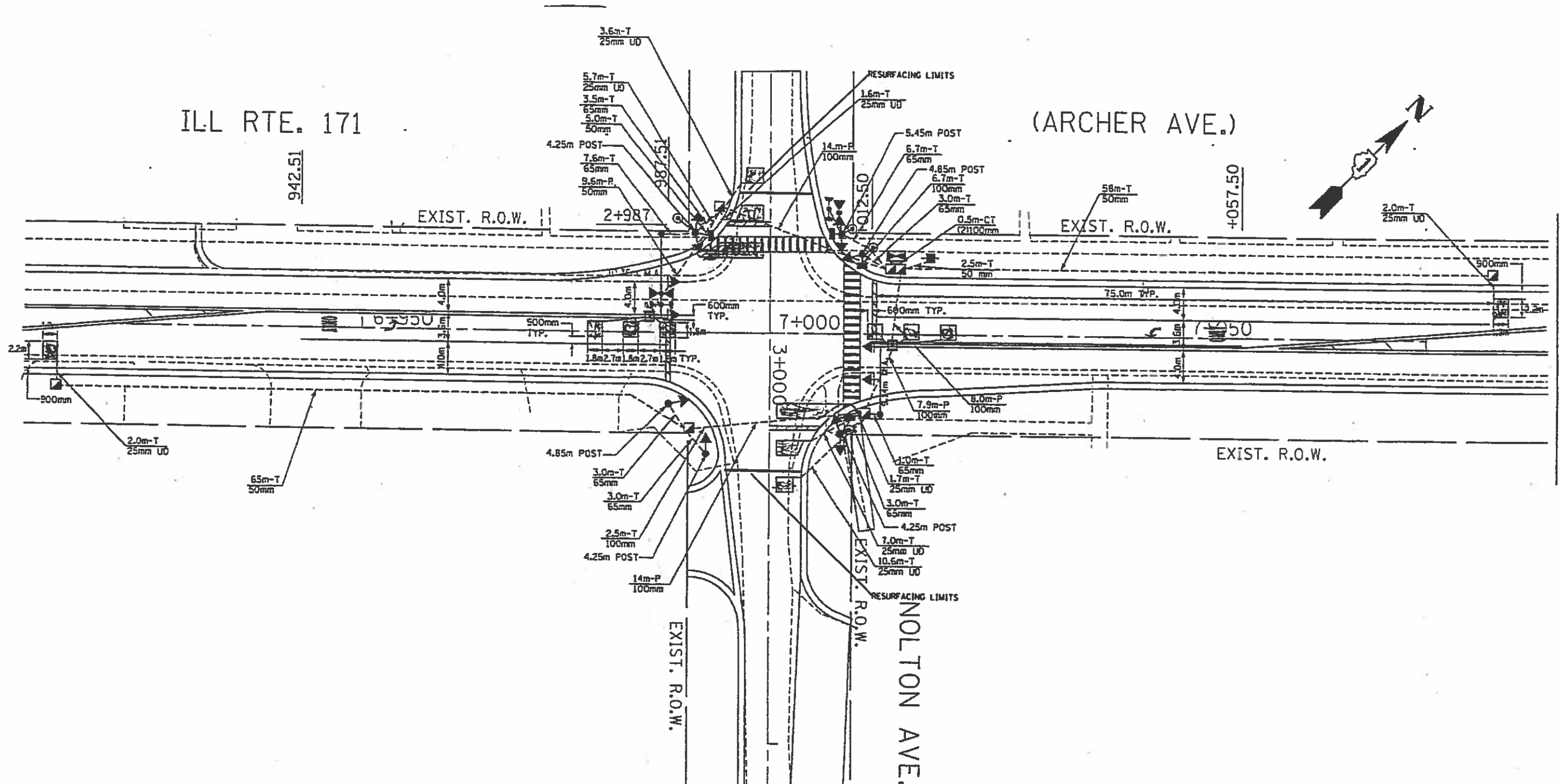
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U-1)RS-7	COOK	40	25
CONTRACT NO. 60Y88				
ILLINOIS FED. AID PROJECT				

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		



THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

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

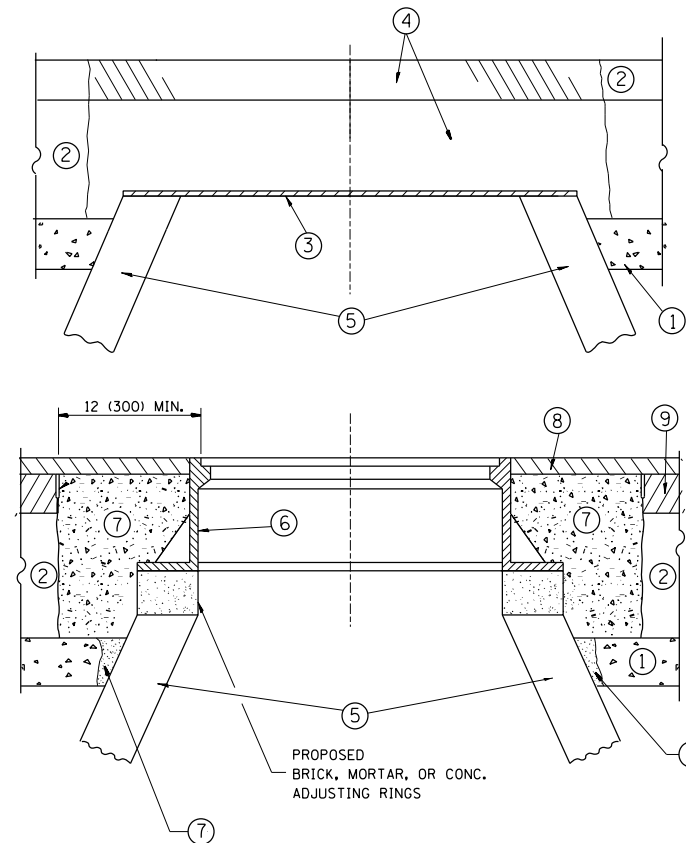
CODE	QUANTITY	UNIT	ITEM
88600600	454	FOOT	DETECTOR LOOP REPLACEMENT

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PLOT DATE = 2/19/2015		DATE =	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE - DETECTOR LOOP REPLACEMENT
IL 171 (ARCHER AVE) AT NOLTON AVE

F.A.U. RTE. 3565	SECTION (B&U-1RS-7)	COUNTY COOK	TOTAL SHEETS 40	SHEET NO. 26
CONTRACT NO. 60YR8				



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

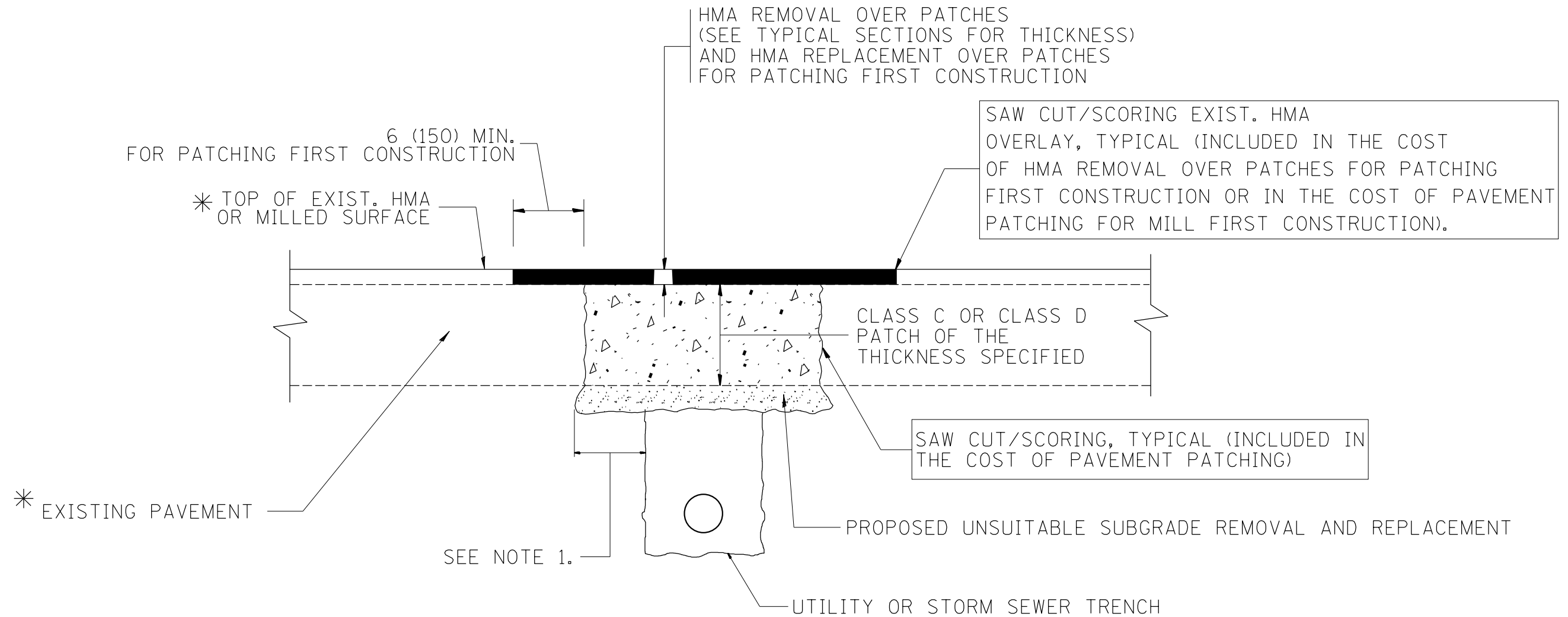
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = qureshiya	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
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	PLOT SCALE = 100.0010' / in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 2/3/2017	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.
3565	(B&U)-11R5-7	COOK	40	27
BD600-03 (BD-8)			CONTRACT NO. 60Y88	
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 =	USER NAME = qureshiya	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.F. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwork\pwork\qureshiya\0407994\01stgStd.dgn		DRAWN -	REVISED - R. BORO 01-01-07					3565	(B&U-1)RS-7	COOK	40	28
	PLOT SCALE = 100.0010' / in.	CHECKED -	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)			CONTRACT NO. 60Y88				
	PLOT DATE = 2/3/2017	DATE - 10-25-94	REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	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.

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.

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

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.

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

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

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).

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.

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".

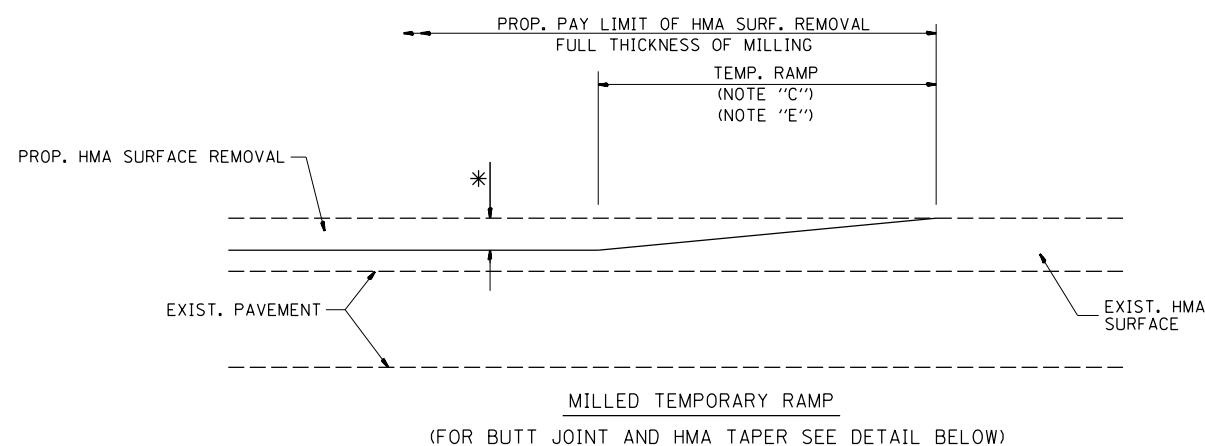
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

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

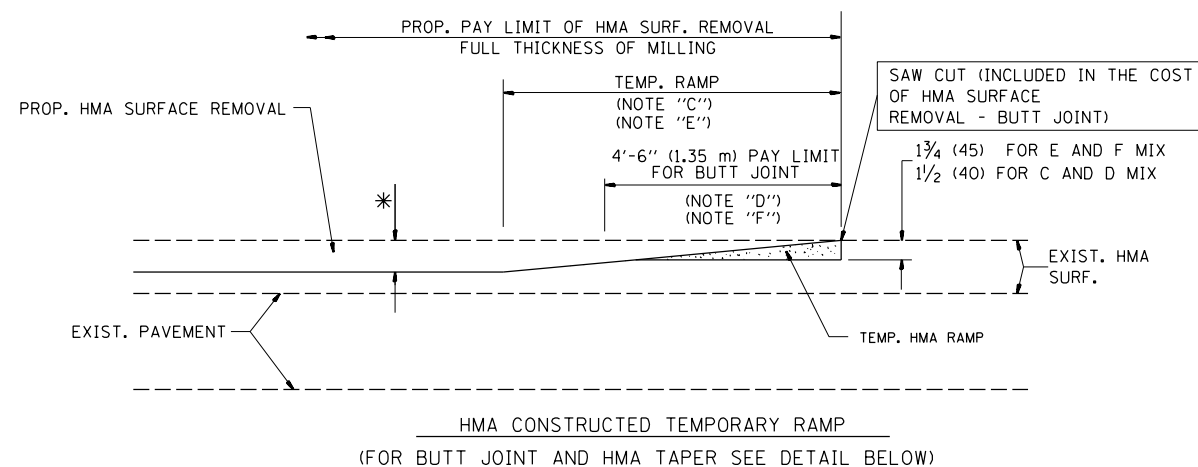
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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es:\pwork\pwork\qureshiya\0407994\01sStd.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97					3565	(B&U-1)RS-7	COOK	40	29
PLOT SCALE = 100.0010' / in.		CHECKED -	REVISED - M. GOMEZ 01-22-01		BD600-06 (BD-24)			CONTRACT NO. 60Y88				
PLOT DATE = 2/3/2017		DATE - 03-11-94	REVISED - R. BORO 12-15-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

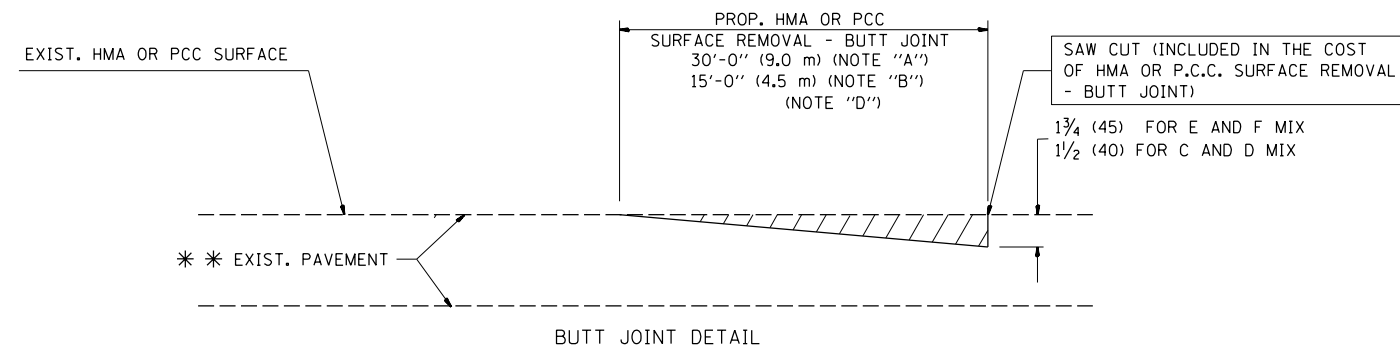


OPTION 1

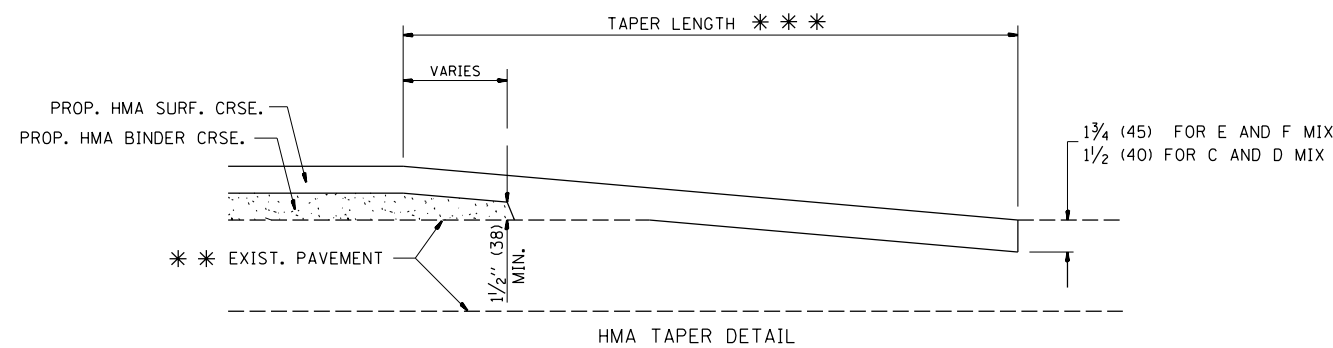


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

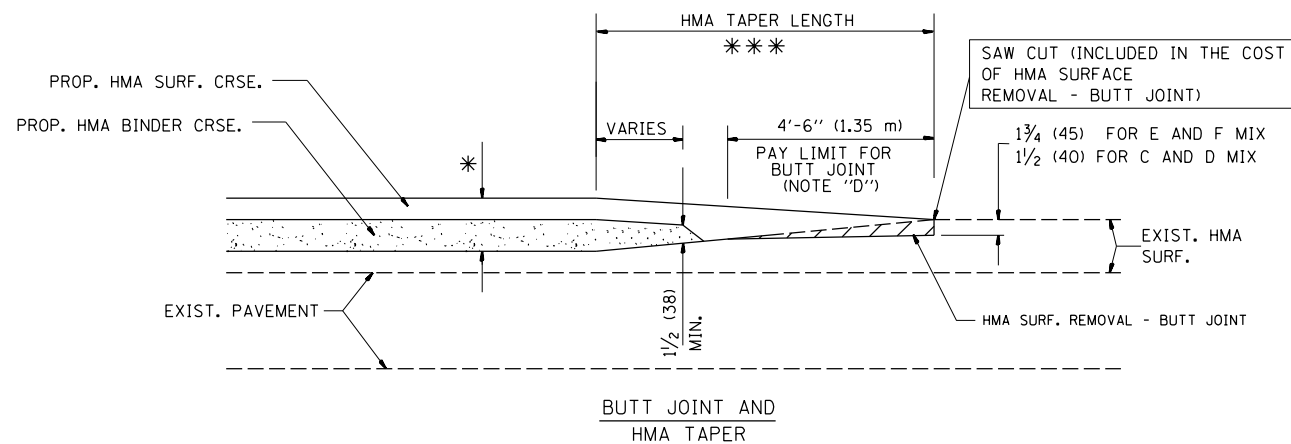
NOTES

- 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

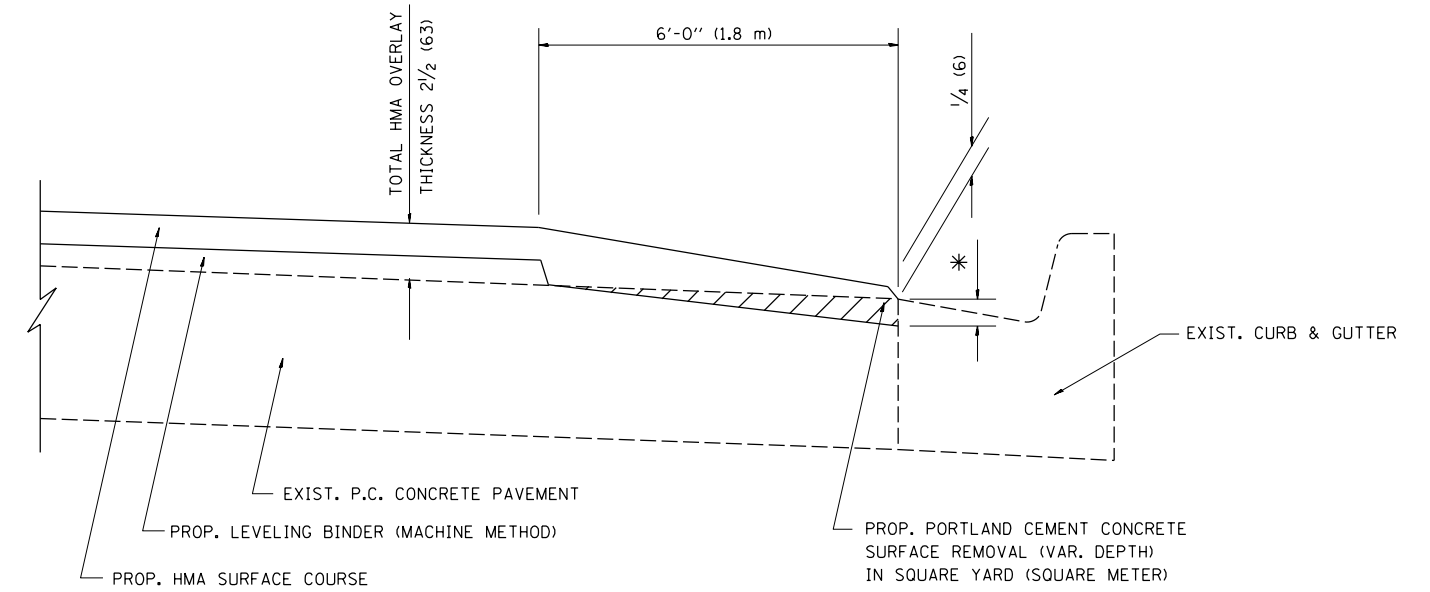
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	PLOT DATE = 2/3/2017	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**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.F. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U-1)RS-7	COOK	40	30
BD400-05 BD32		CONTRACT NO. 60Y88		
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)
E	1 3/4 (44)	3/4 (19)	1/2 (38)

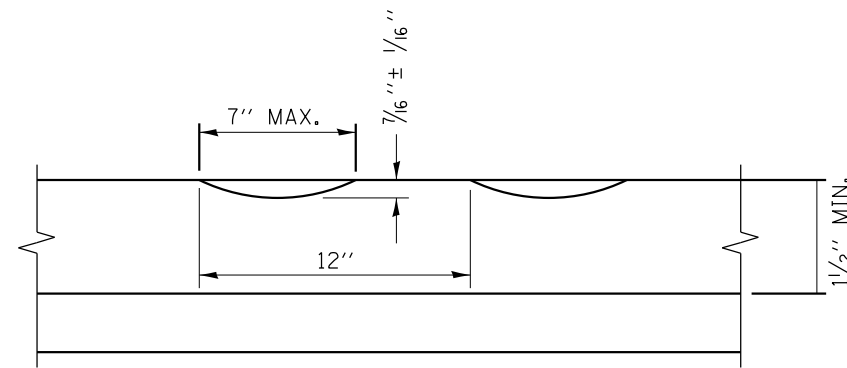
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	PLOT DATE = 2/3/2017	DATE - 09-10-94	REVISED - JP CHANG 07-08-16

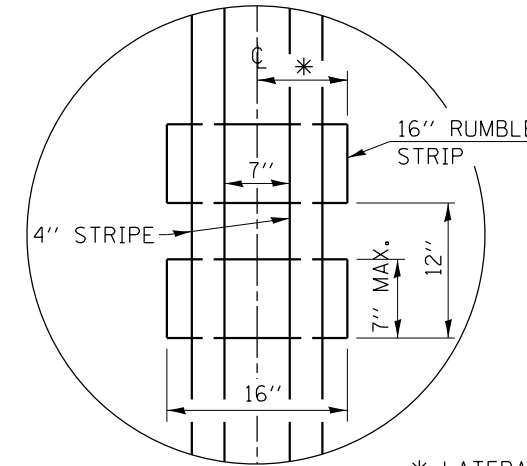
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HMA TAPER AT EDGE OF P.C.C. PAVEMENT			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.F. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U-1)RS-7	COOK	40	31
BD400-06 (BD33)		CONTRACT NO. 60Y88		
ILLINOIS FED. AID PROJECT				



SECTION A-A



DETAIL B

GENERAL NOTES

CENTERLINE RUMBLE STRIPS SHALL BE CONSTRUCTED ACCORDING TO SECTION 642 ALONG THE CENTERLINE OF PAVEMENT.

SEE STANDARD 780001 FOR OTHER STRIPING LAYOUTS.
RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.
ALL RUMBLE STRIPS SHALL BE MILLED.

CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.

DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.

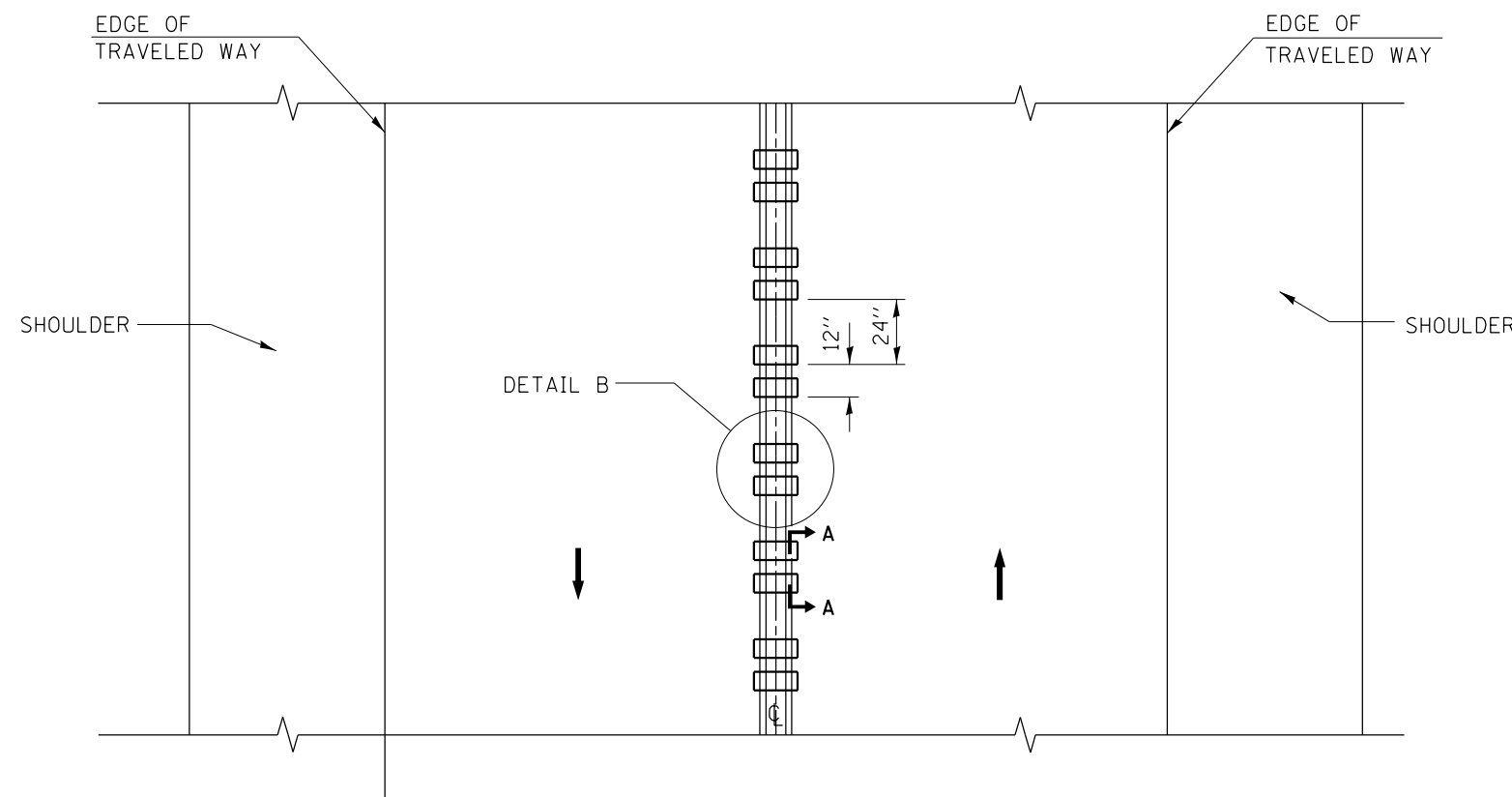
AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEEPED CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.

WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

BASIS OF PAYMENT

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CENTERLINE-RUMBLE STRIP OF THE WIDTH SPECIFIED.

HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING WILL BE USED OVER THE RUMBLE STRIPS, AND WILL BE PAID FOR SEPARATELY.



TWO-WAY ROAD

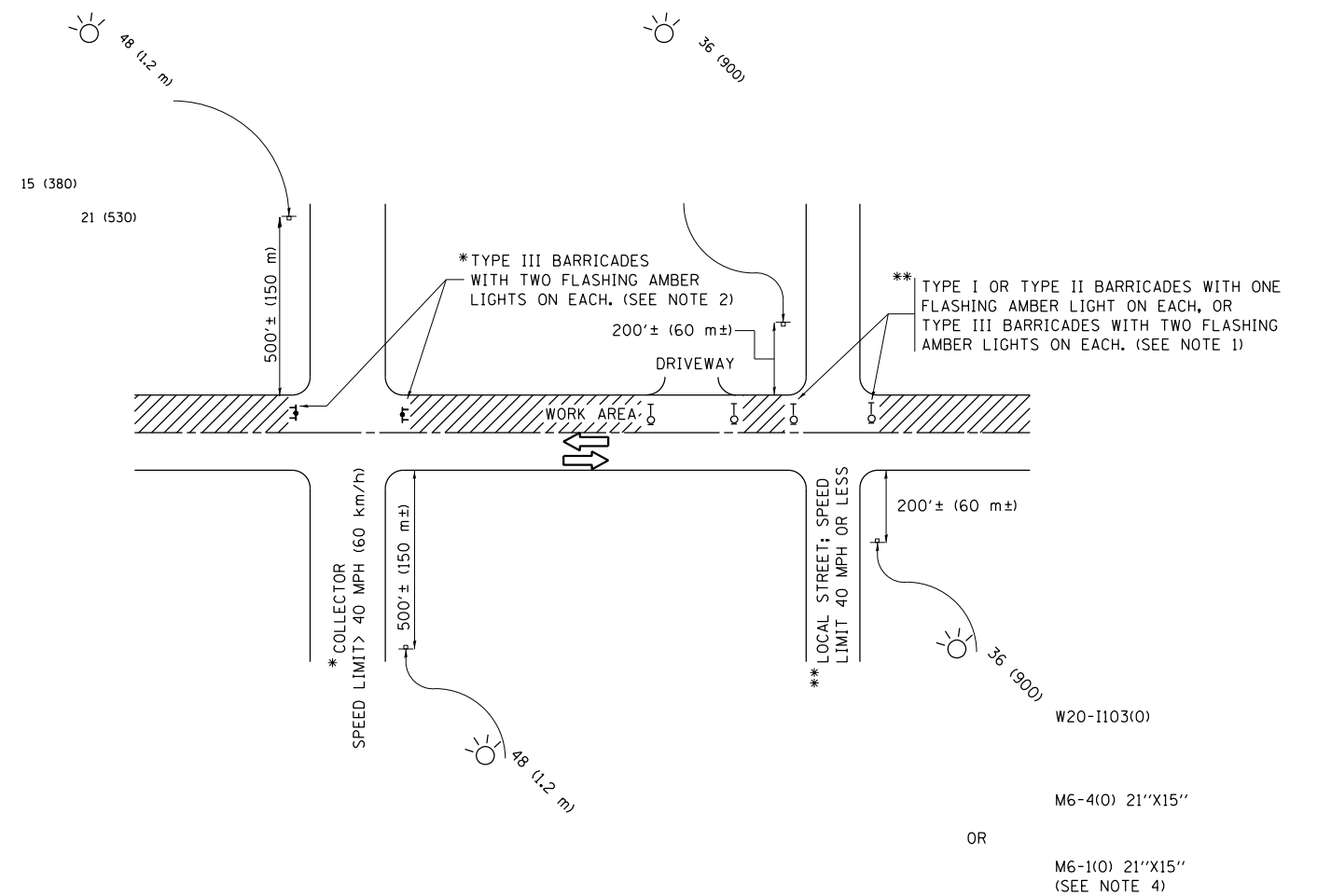
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	PLOT SCALE = 100.0010' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE - 08-06-2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	IB&U-11RS-7	COOK	40	32
BD 55			CONTRACT NO. 60Y88	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

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

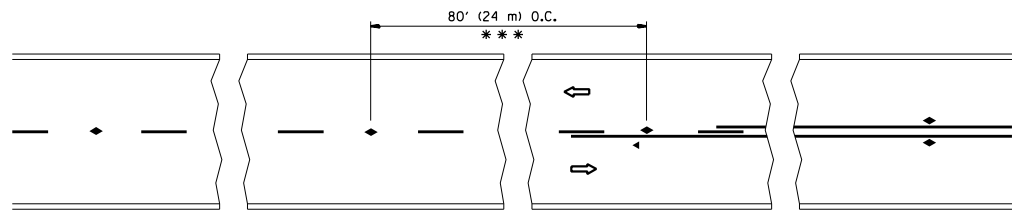
FILE NAME =	USER NAME = qureshiya	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
Default	Default	DRAWN -	REVISED - T. RAMMACHER 01-06-00
	PLOT SCALE = 100.0010' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 2/3/2017	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

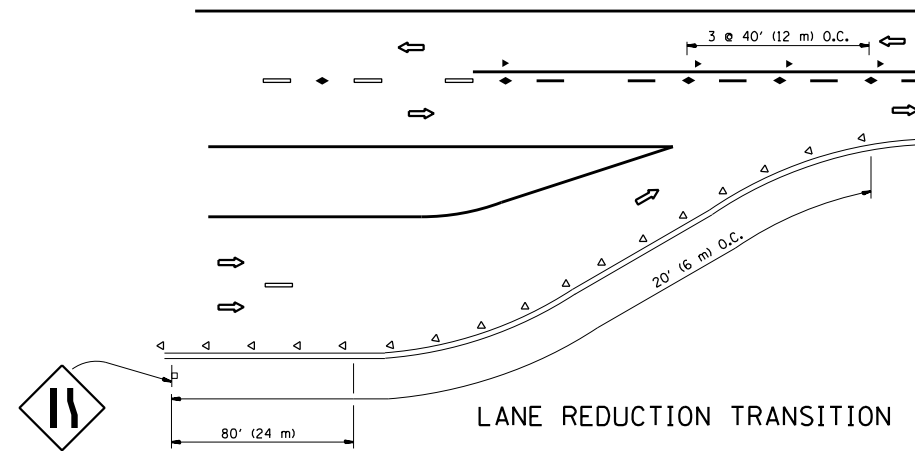
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.F. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U-I)RS-7	COOK	40	33
TC-10			CONTRACT NO. 60Y88	
ILLINOIS FED. AID PROJECT				

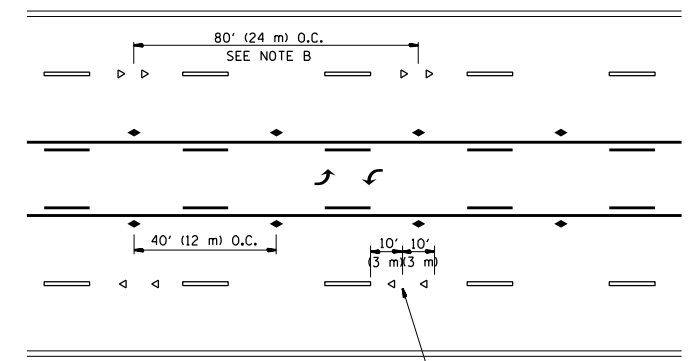


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

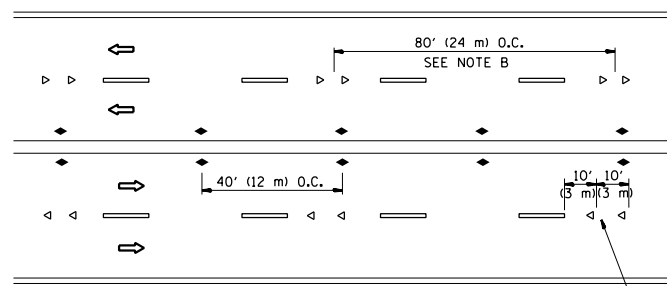
TWO-LANE/TWO-WAY



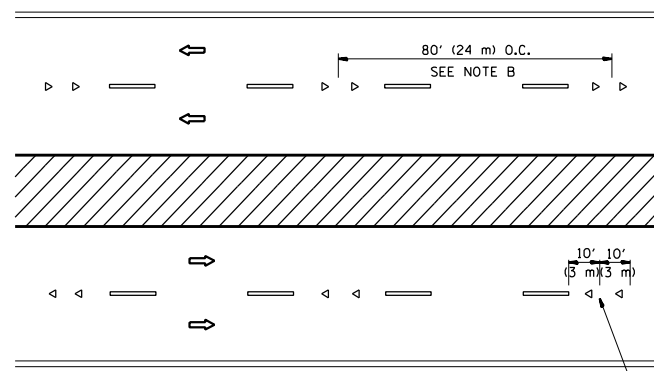
LANE REDUCTION TRANSITION



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

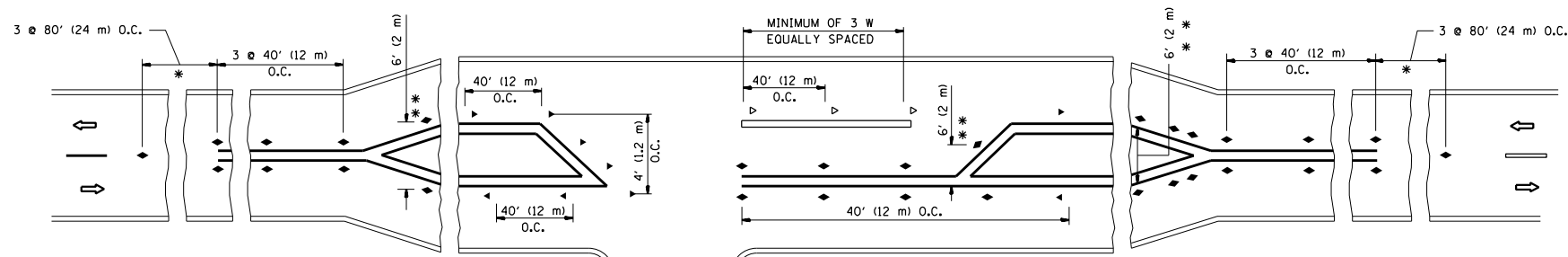
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

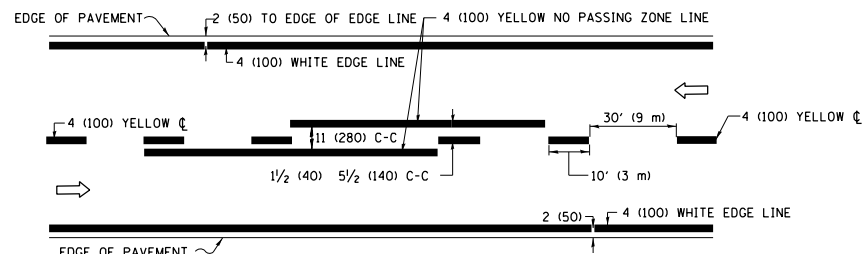
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
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	PLOT SCALE = 100.0010' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 2/3/2017	DATE -	REVISED - C. JUCIUS 09-09-09

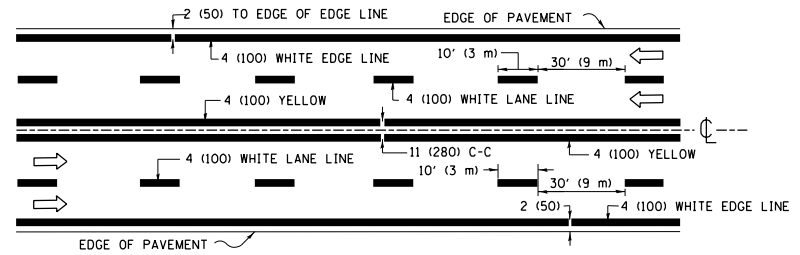
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

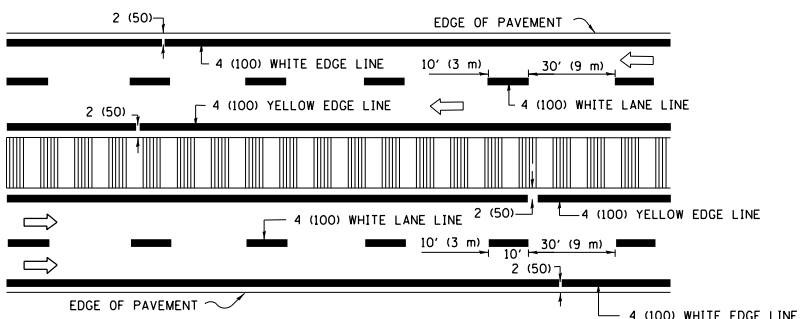
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U-1)RS-7	COOK	40	34
TC-11		CONTRACT NO. 60Y88		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

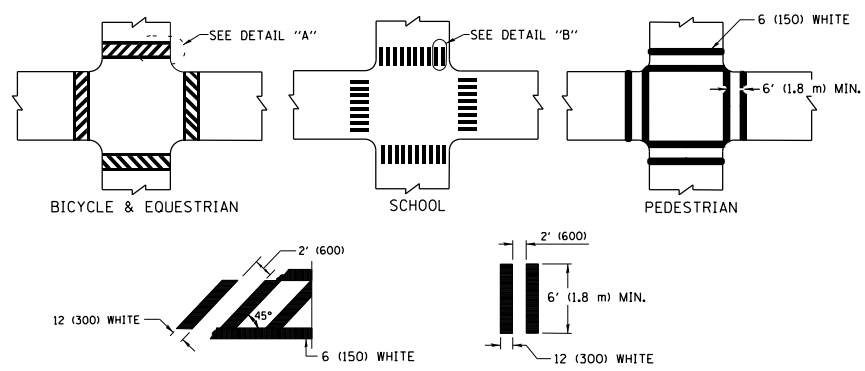


MULTI-LANE UNDIVIDED



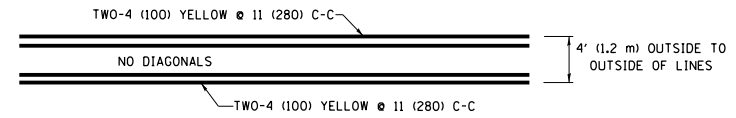
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

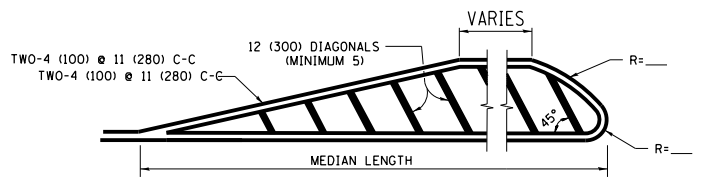


TYPICAL CROSSWALK MARKING

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

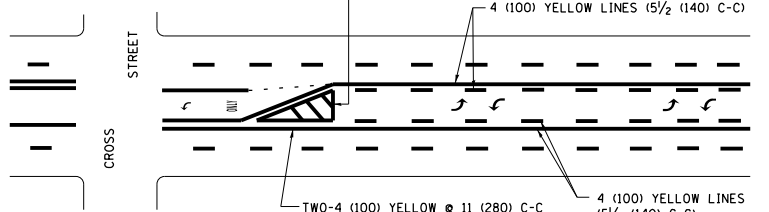


4' (1.2 m) WIDE MEDIANS ONLY

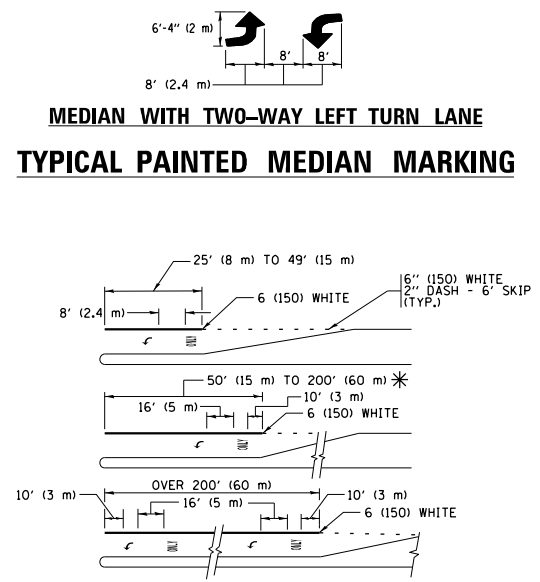


MEDIANS OVER 4' (1.2 m) WIDE

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))

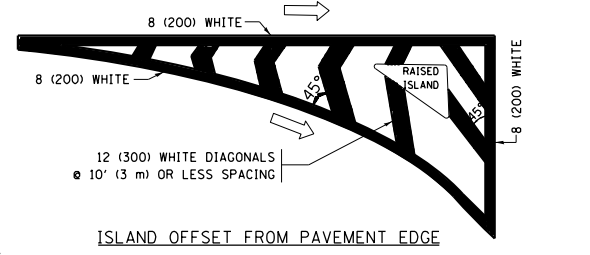


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

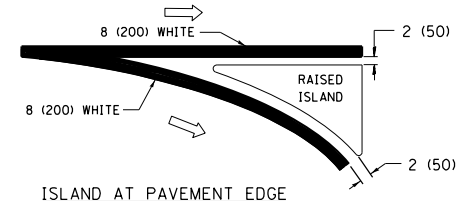


FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

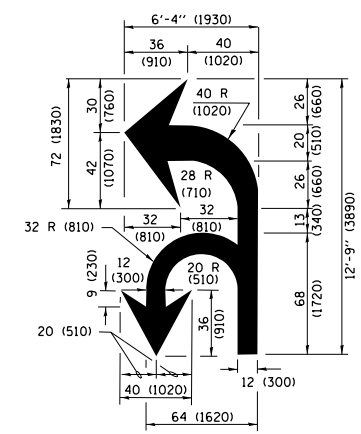
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



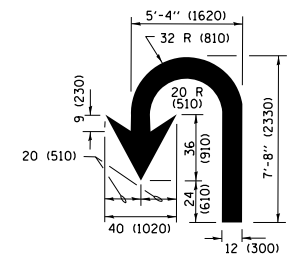
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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 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" 15 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 = qureshiya	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
Default	Default	CHECKED -	REVISED - C. JUCIUS 07-01-13
	PLOT SCALE = 100.0010' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 2/3/2017		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.F. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	IB&U-IIRS-7	COOK	40	35
TC-13		CONTRACT NO. 60Y88		
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

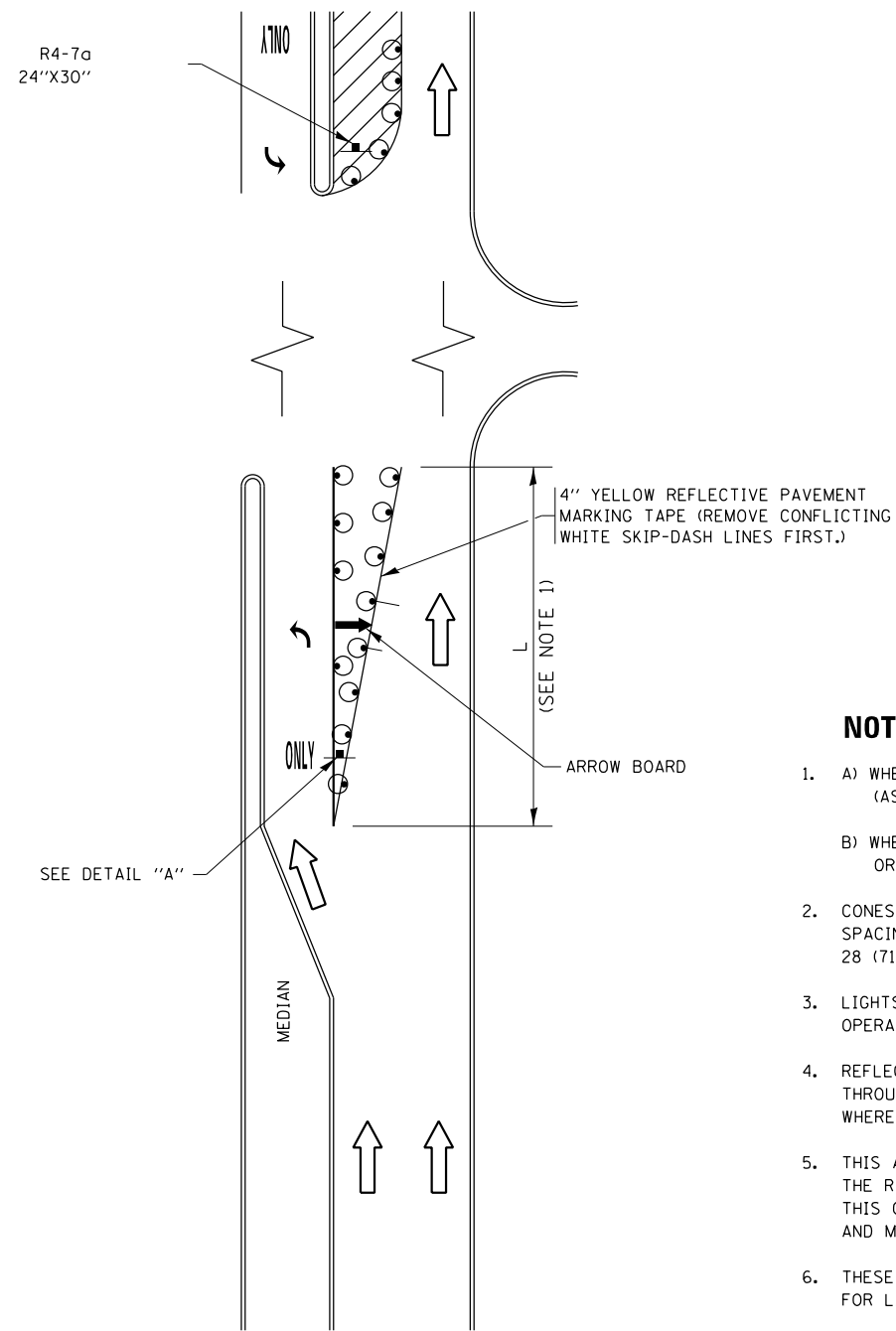


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

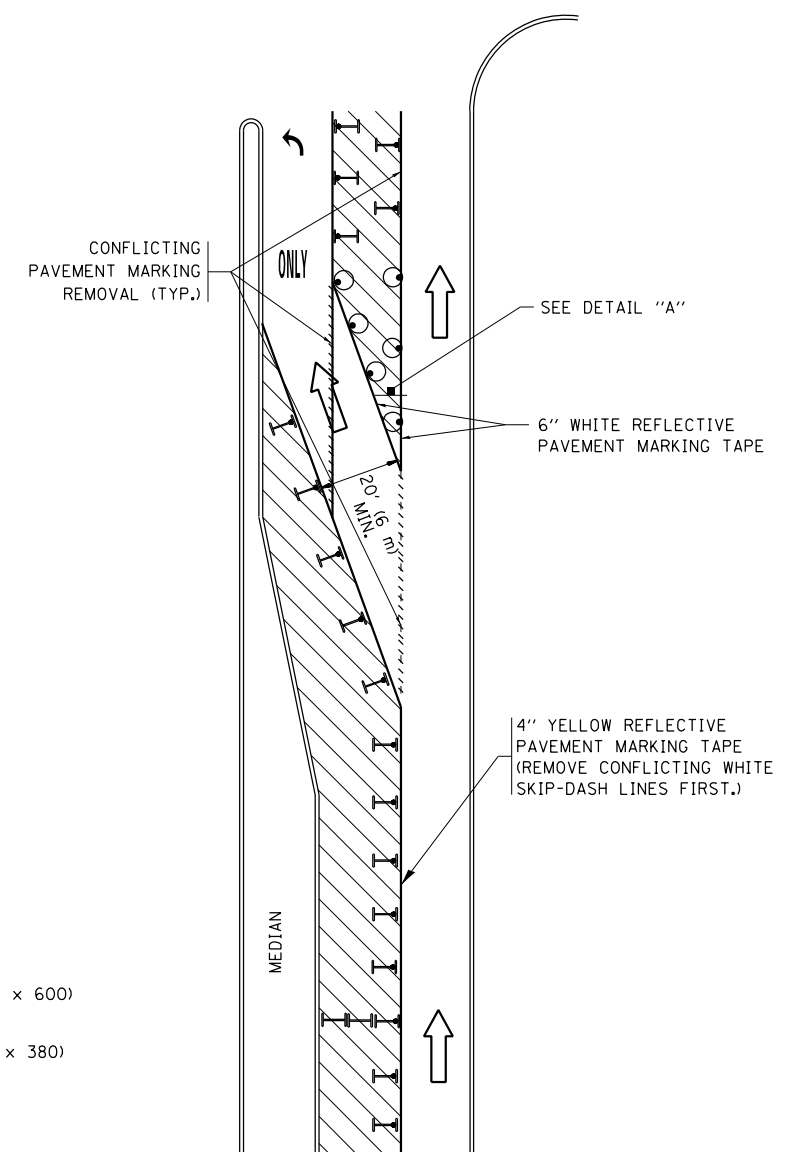
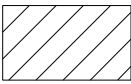








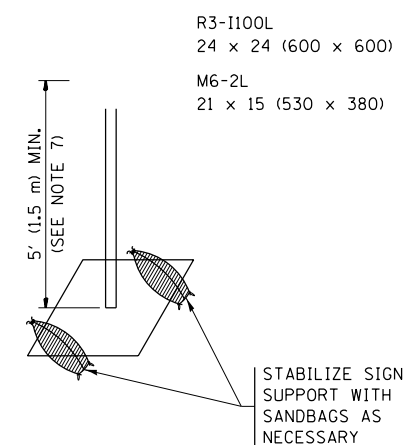
FIGURE 2

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:

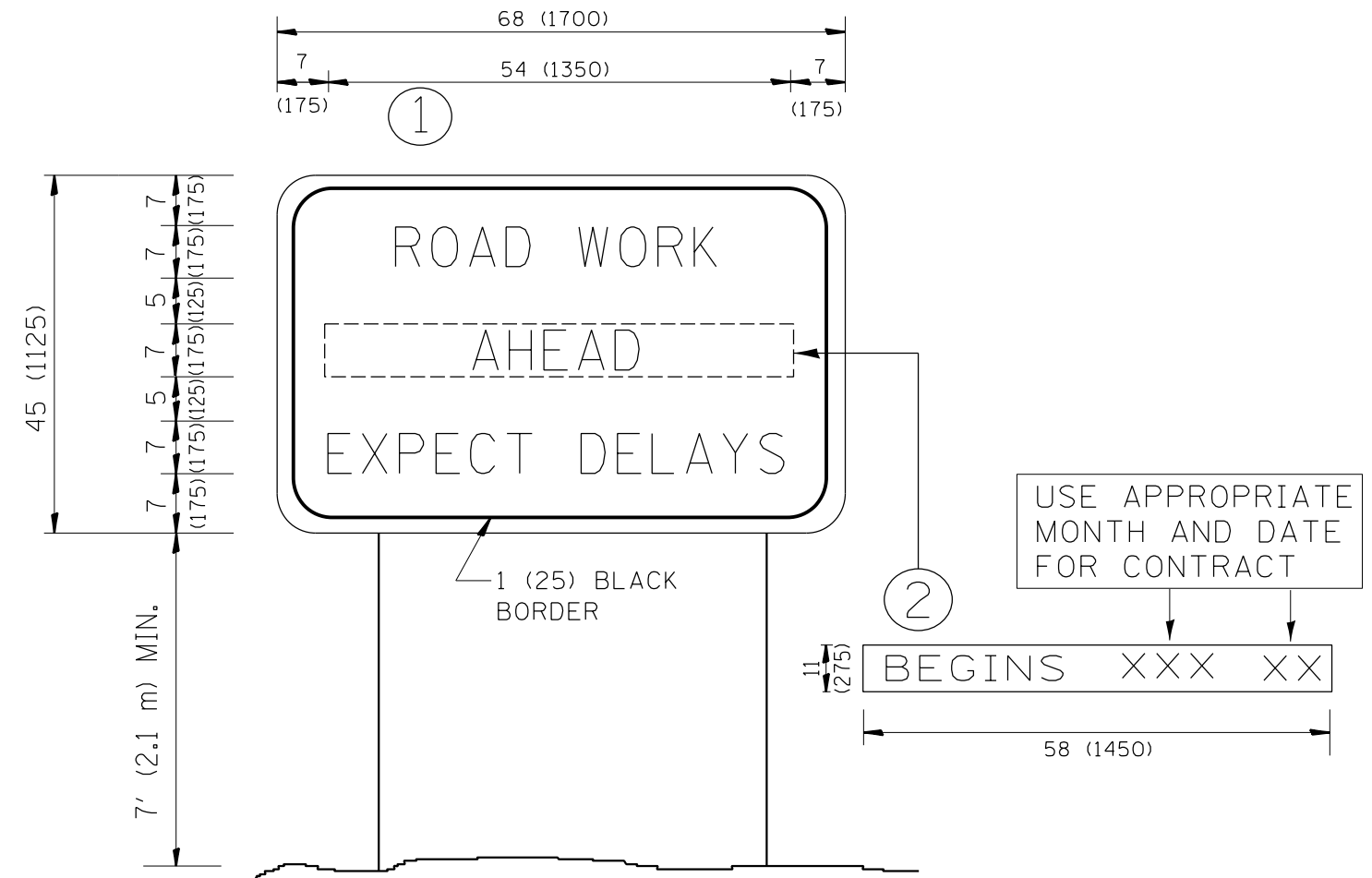
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. 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-I100R 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.

FILE NAME =	USER NAME = qureshiya	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)	F.A.F. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Plot Scale = 100.0000' / in.	REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13			3565	IB&U-IIR5-7	COOK	40	36	
	PLOT DATE = 2/3/2017	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16			TC-14		CONTRACT NO. 60Y88			
		REVISED - T. RAMMACHER 01-06-00	REVISED -			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.

FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISED - R. MIRS 09-15-97
ca:\pwork\pwork\qureshiya\d0407994\DistStd.dgn		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 2/3/2017	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

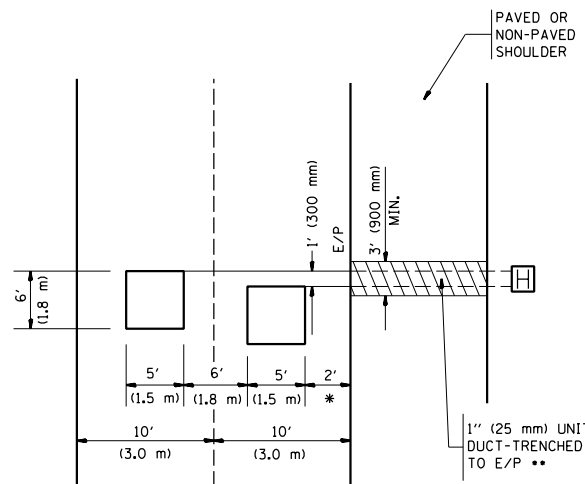
**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.F. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U-1)RS-7	COOK	40	38
TC-22		CONTRACT NO. 60Y88		
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.



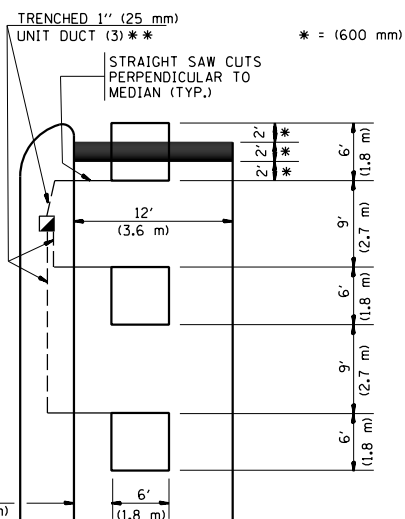
* = (600 mm)

** 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.

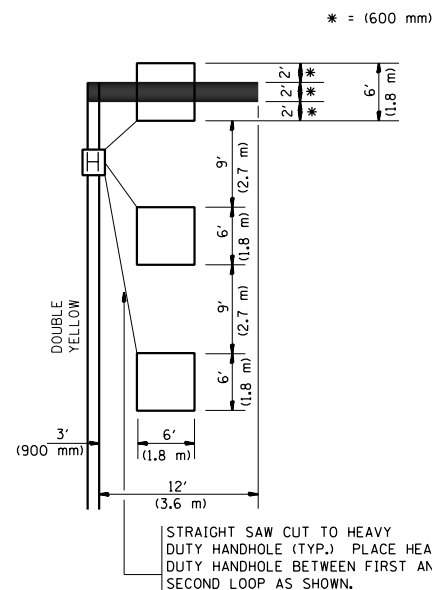


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

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.

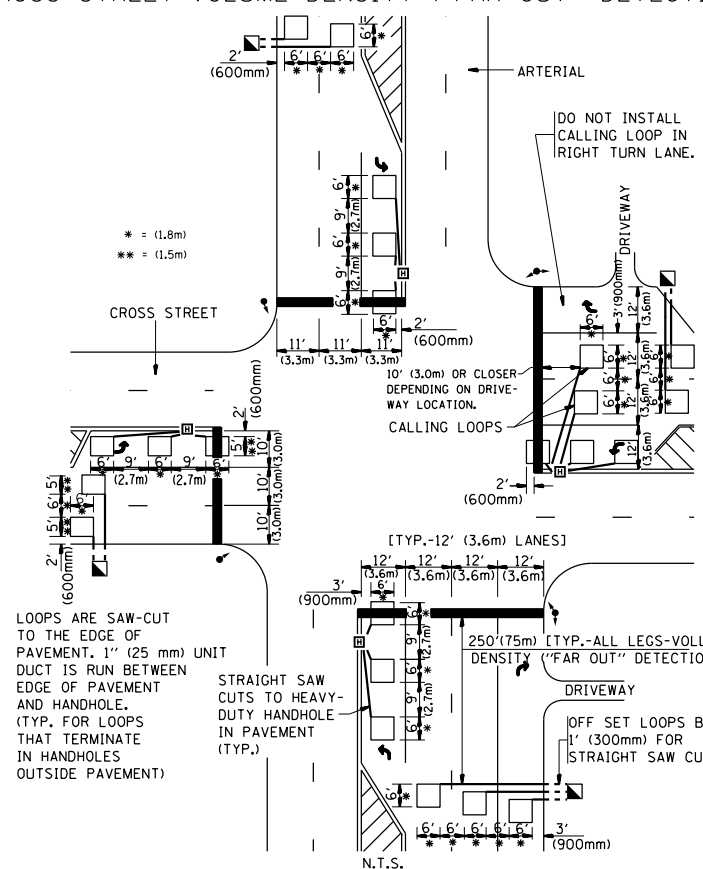
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0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

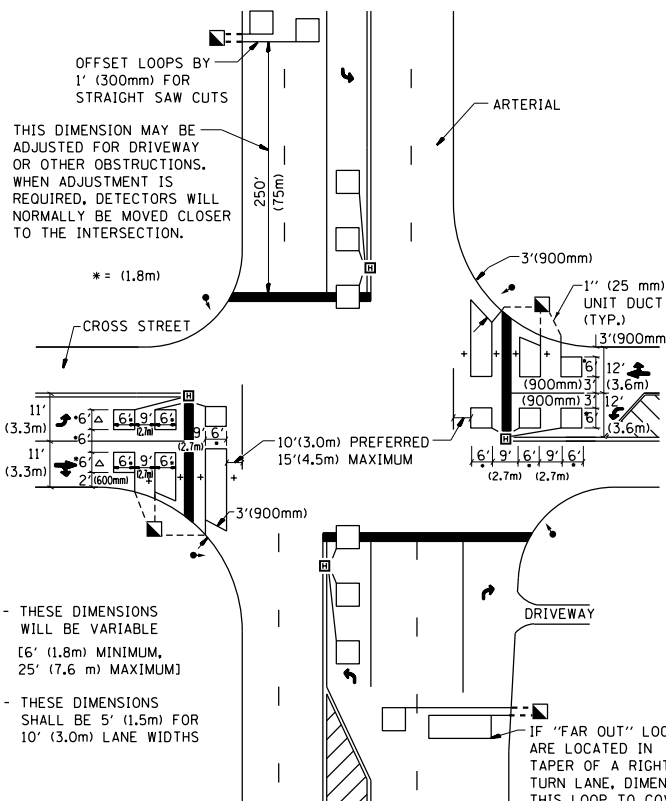
THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

**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.**

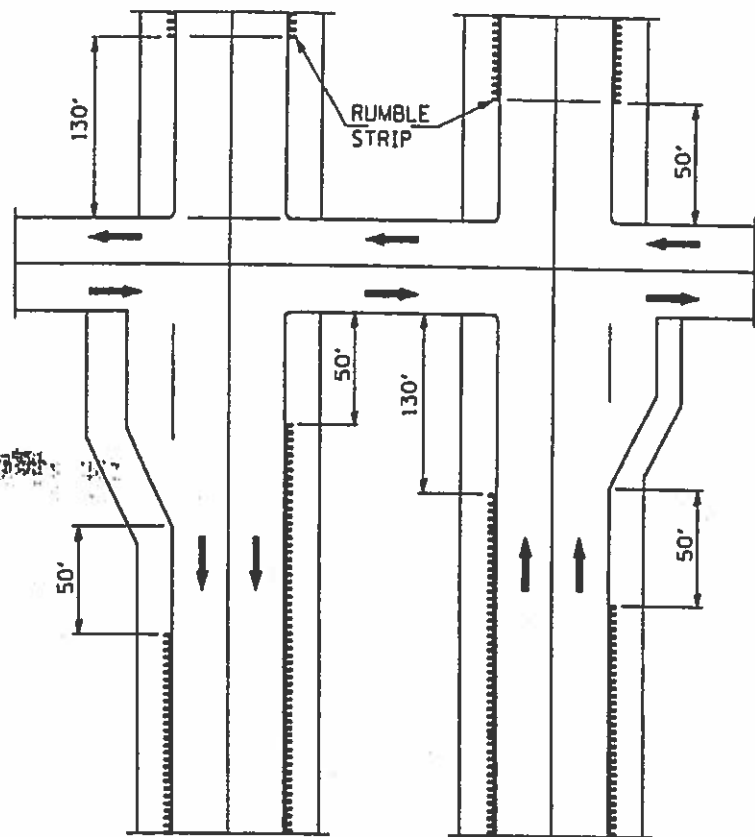
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

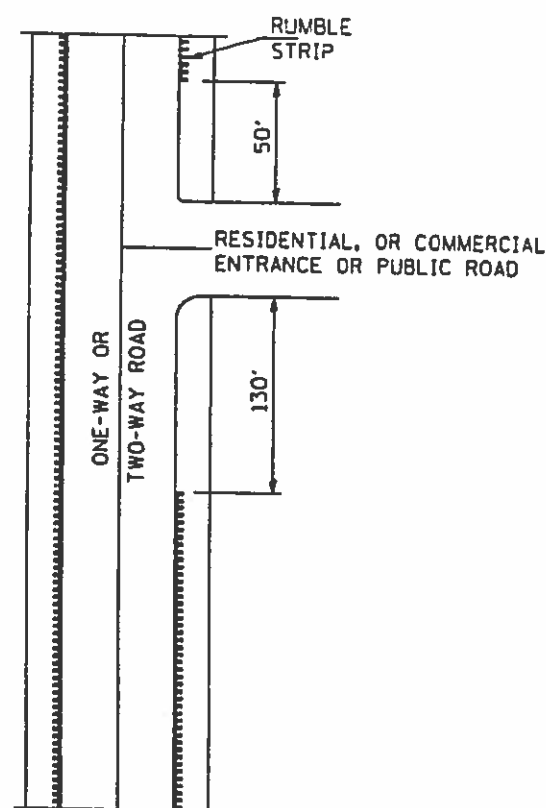
**DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING**

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

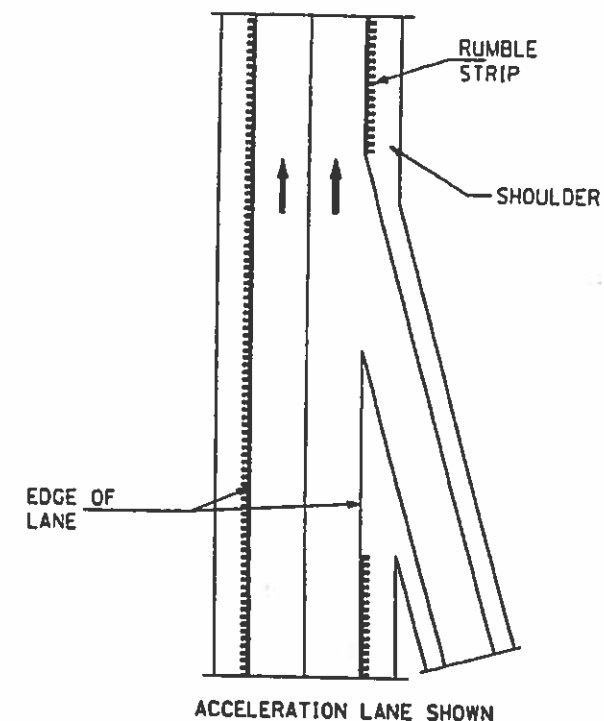
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U)-IIR5-7	COOK	40	39
TS-07		CONTRACT NO. 60Y88		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



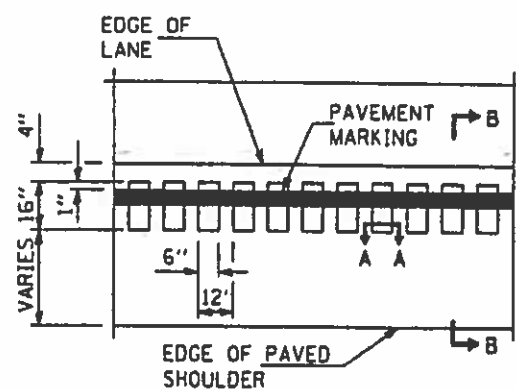
RUMBLE STRIPE EXPRESSWAY DIVIDED



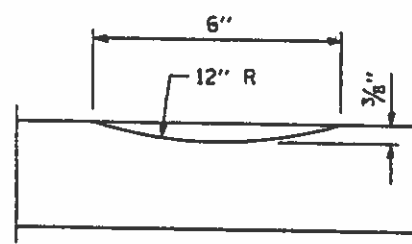
RUMBLE STRIPE INTERSECTIONS



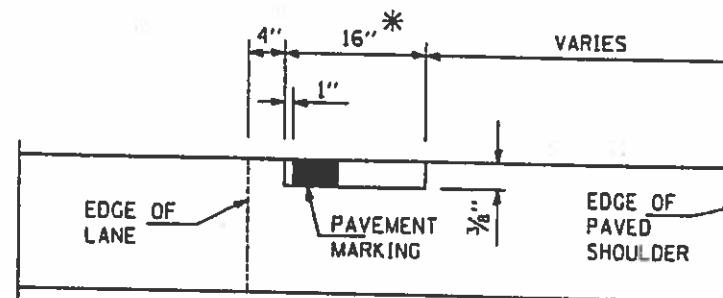
RUMBLE STRIPE ACCELERATION OR DECELERATION LANE



PLAN FOR RUMBLE STRIPE



SECTION A-A



SECTION B-B

GENERAL NOTES

ON PORTLAND CEMENT CONCRETE SHOULDERS, NO SHOULDER RUMBLE STRIPE SHALL BE LOCATED CLOSER THAN 150 mm (6") TO A TRANSVERSE JOINT.

OMIT SHOULDER RUMBLE STRIP ACROSS STRUCTURES.

SHOULDER RUMBLE STRIPES TO BE PAID FOR AS SHOULDER RUMBLE STRIP AND THERMOPLASTIC PAVEMENT MARKING - LINE 4"

* 8" WIDE RUMBLE STRIPES TO BE INSTALLED AT LOCATIONS ADJACENT TO GUARDRAIL W. HMA SHOULDERS < 3'

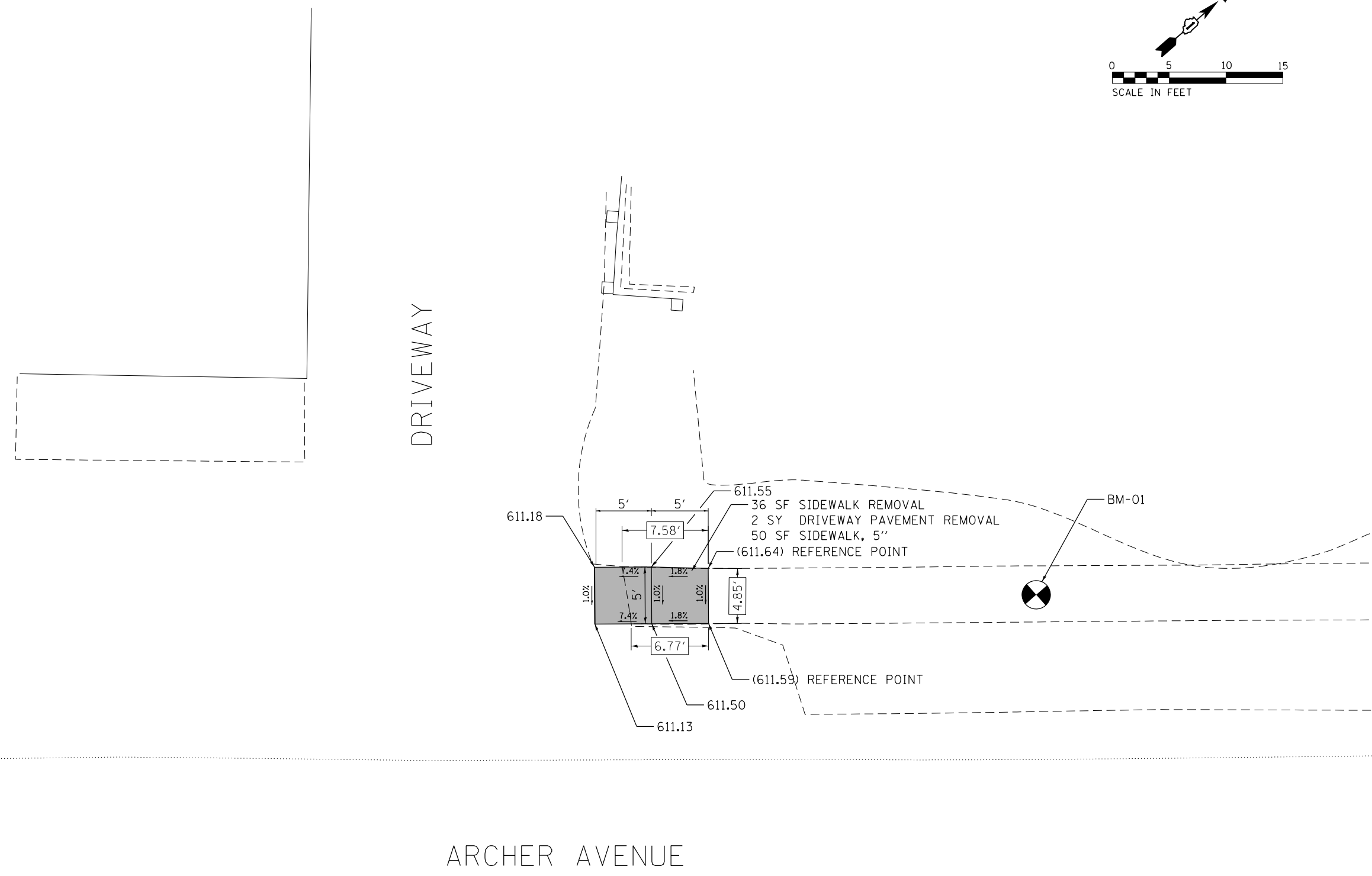
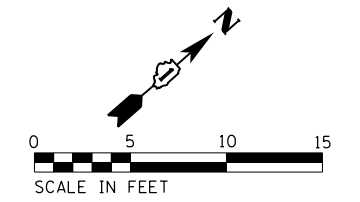
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		DRAWN	REVISED
		CHECKED	REVISED
		DATE	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHOULDER RUMBLE STRIPE FOR NON-FREEWAY

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5365	(820-1) RS-7	COOK	40	40
CONTRACT NO. 60465			ILLINOIS FED. AID PROJECT	



NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND	
xx.xx	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
—	PROPOSED SIDE CURB
	PROPOSED SIDEWALK
	DEPRESSED CURB & GUTTER
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
	BENCHMARK

REFERENCE BENCHMARK 01 ELEV 611.562
BENCHMARK: CUT SQUARE CL CONC. WALK
LOCATION: WEST SIDE OF ARCHER AVENUE 65' NORTH OF 9100 ARCHER AVENUE

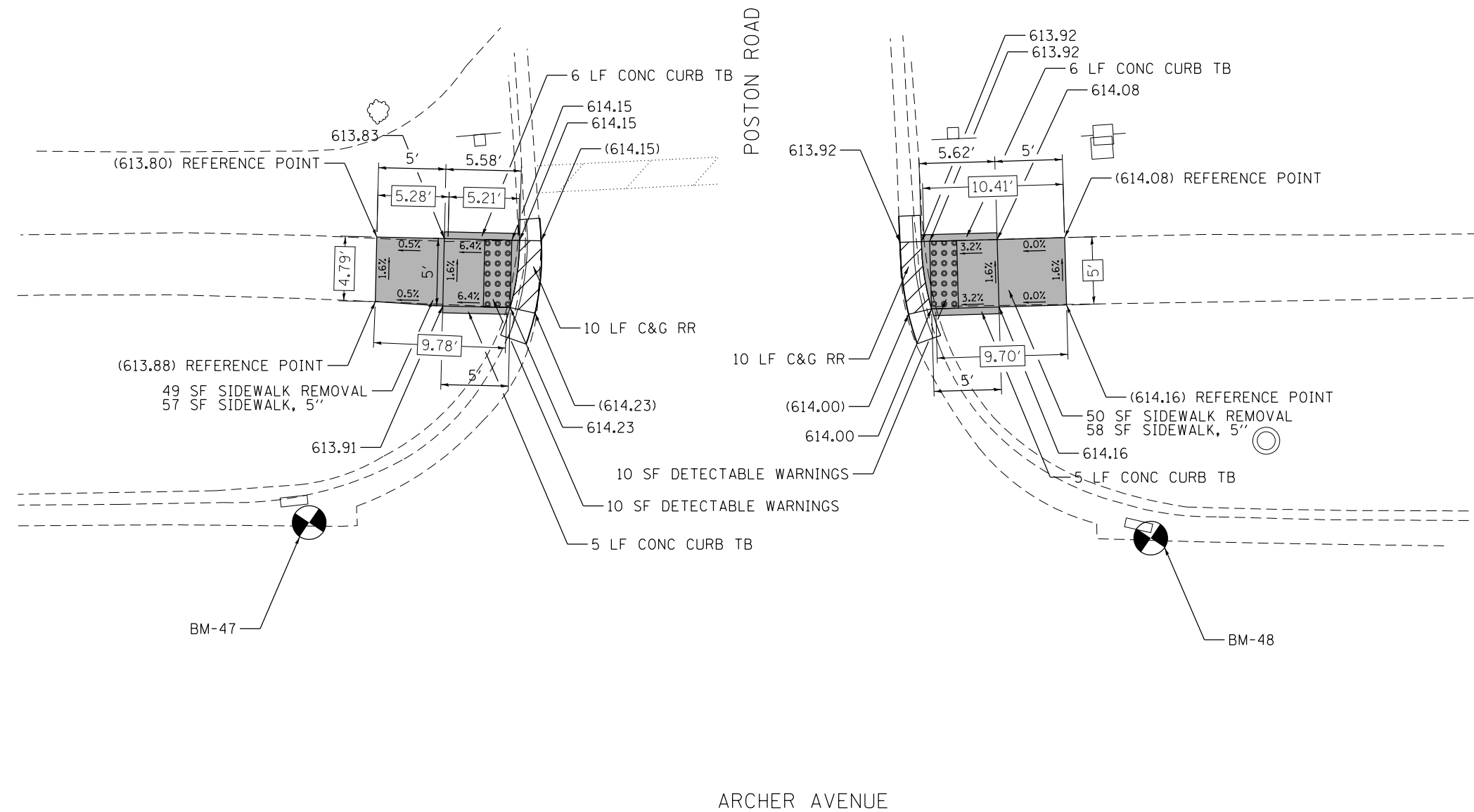
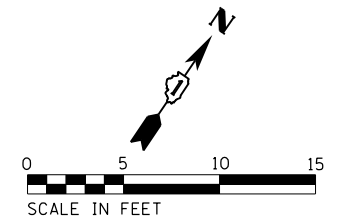
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		DATE - 03/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
IL 171 AT DRIVEWAY (STA 176+00)**

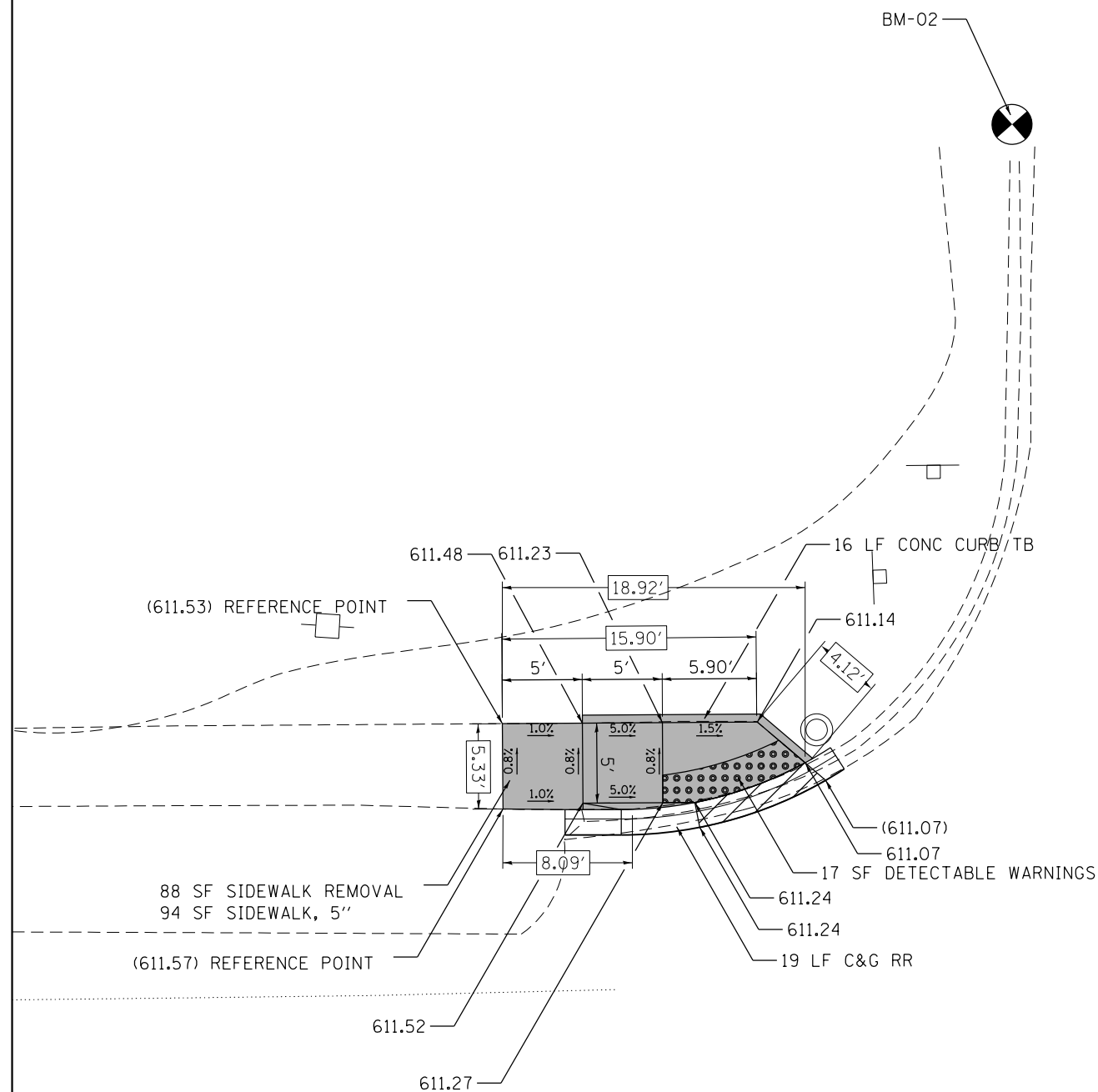
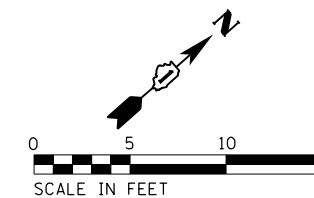
SCALE: 1" = 5' SHEET 1 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U)-D1R5-7	COOK	40	25A
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

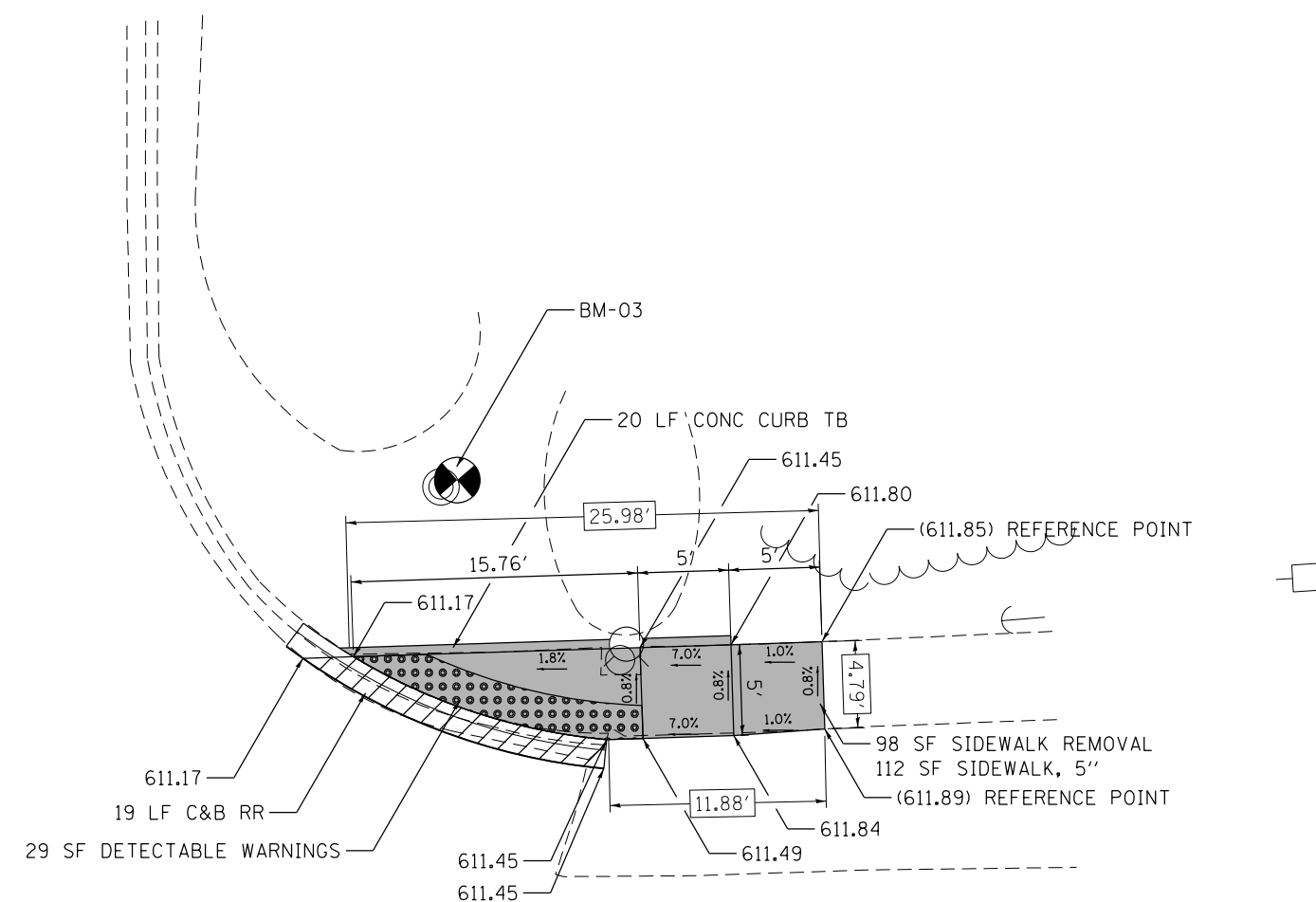


NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 47 ELEV 614.283 BENCHMARK: CUT CROSS IN E'LY CORNER RIM OF INLET		LEGEND [---] EXISTING LENGTH () EXISTING ELEVATION/SLOPE [---] PROPOSED SIDE CURB [■] PROPOSED SIDEWALK [●●●●] DETECTABLE WARNINGS [X] SIDEWALK REMOVAL [X] REPLACE W/ TOPSOIL & SOD [▨] DEPRESSED CURB & GUTTER [⊗] BENCHMARK				REFERENCE BENCHMARK 48 ELEV 614.553 BENCHMARK: CUT CROSS IN E'LY CORNER RIM OF INLET						
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WILLOW EDGE COURT



ARCHER AVENUE

NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 02 ELEV 608.222
BENCHMARK: CUT SQUARE TC/BC SOUTH SIDE OF WILLOW EDGE RD.
LOCATION: WILLOW EDGE ROAD 65' WEST CENTERLINE ARCHER AVENUE

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD
- DEPRESSED CURB & GUTTER
- BENCHMARK
- EXISTING LENGTH
- EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB

REFERENCE BENCHMARK 03 ELEV 610.641
BENCHMARK: CUT CROSS NORTH RIM MH IN NORTHWEST QUAD
LOCATION: NORTHWEST QUAD WILLOW EDGE ROAD AT ARCHER AVENUE

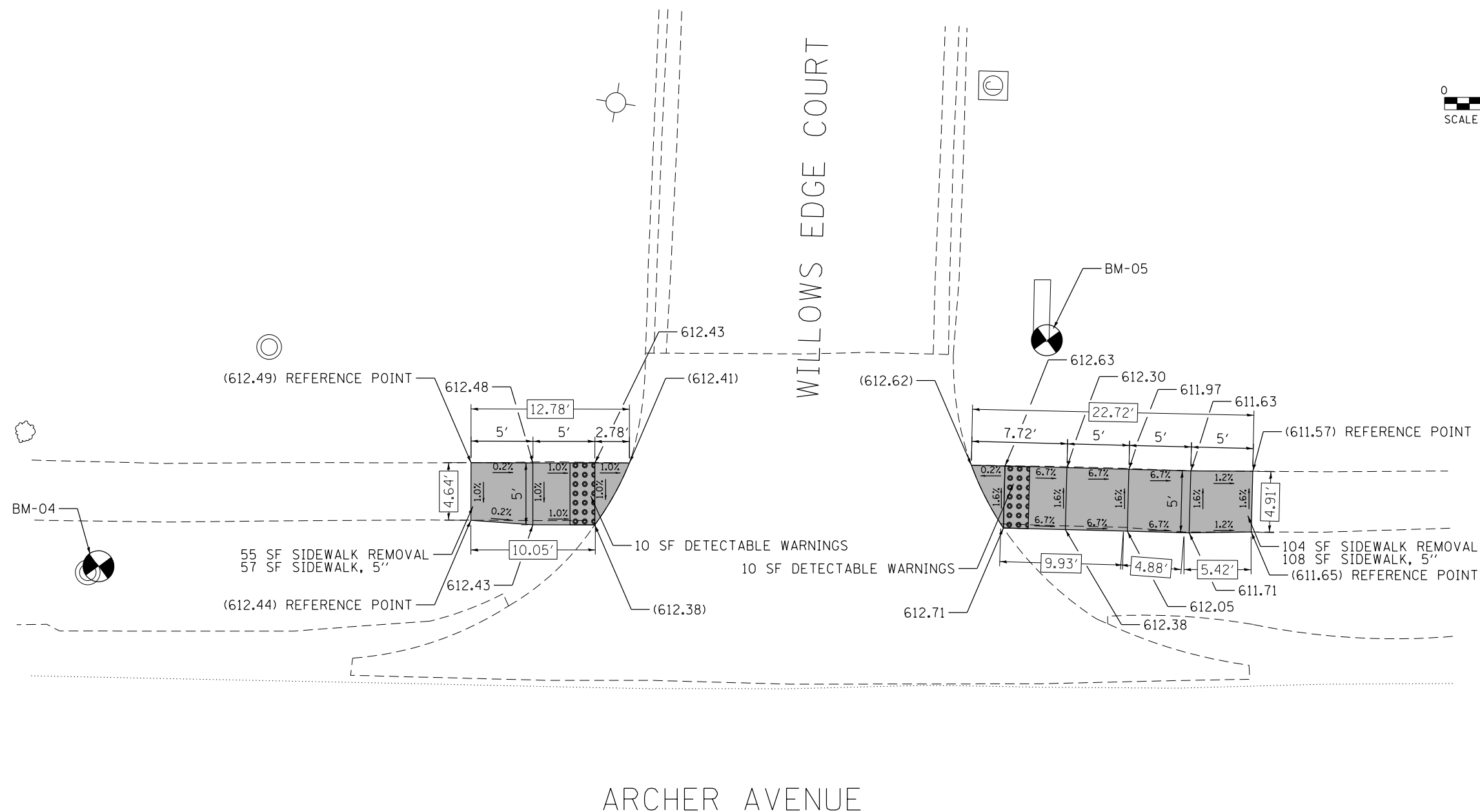
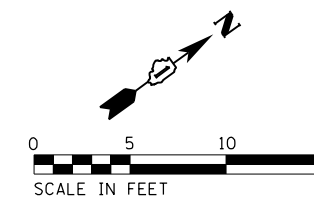
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		DATE - 03/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
IL 171 AT WILLOW EDGE COURT (STA 177+00)**

SCALE: 1" = 5' SHEET 2 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U)-D1R5-7	COOK	40	25B
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 04 ELEVATION 612.508
BENCHMARK: CUT CROSS N RIM WVV W'LY SIDE
LOCATION: ARCHER AVE 56' S WILLOW EDGE CT N'LY ENT

LEGEND

- xx.xx' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- == PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- ▨ DEPRESSED CURB & GUTTER
- DETECTABLE WARNINGS
- ⊗ BENCHMARK
- ⊗ SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

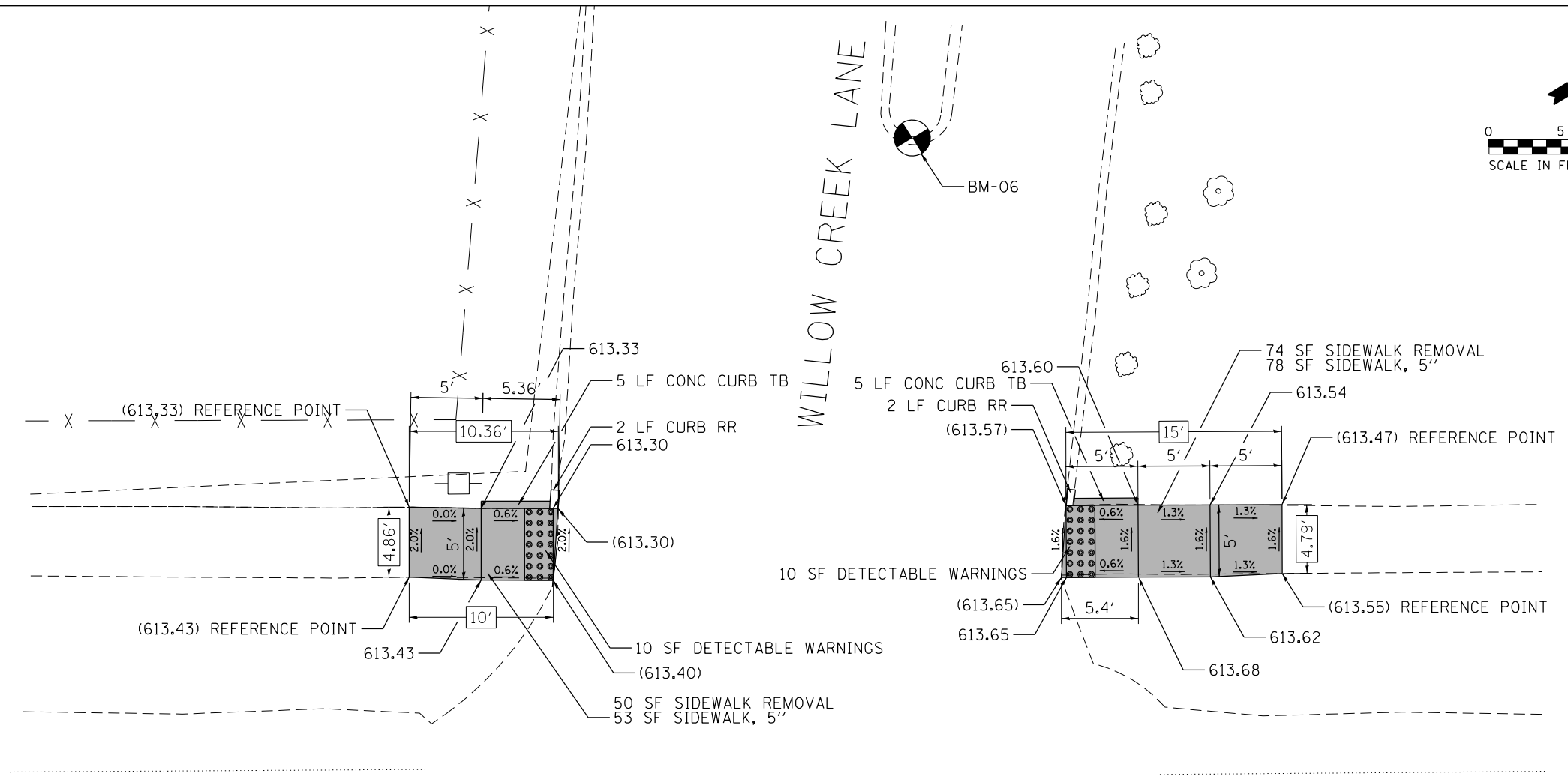
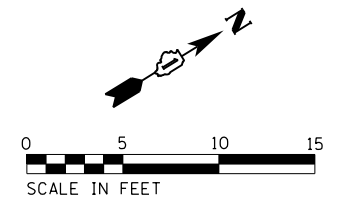
REFERENCE BENCHMARK 05 ELEVATION 616.316
BENCHMARK: CUT SQUARE NORTHEAST'LY CORNER TOP OF SIGN FOUNDATION
LOCATION: BRICK SIGN WEST SIDE ARCHER AVENUE NORTH OF WILLOW EDGE COURT

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		DATE - 03/14/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 AT WILLOWS EDGE COURT (STA 180+00)
SCALE: 1" = 5' SHEET 3 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U)-DRS-7	COOK	40	25C
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



ARCHER AVENUE

NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND	
XX.XX	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
—	PROPOSED SIDE CURB
	PROPOSED SIDEWALK
	DEPRESSED CURB & GUTTER
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
	BENCHMARK

REFERENCE BENCHMARK 06 LEV 613.244
BENCHMARK: CUT SQUARE BC/TC CENTERLINE NOSE
LOCATION: MEDIAN AT WILLOW CREEK LANE

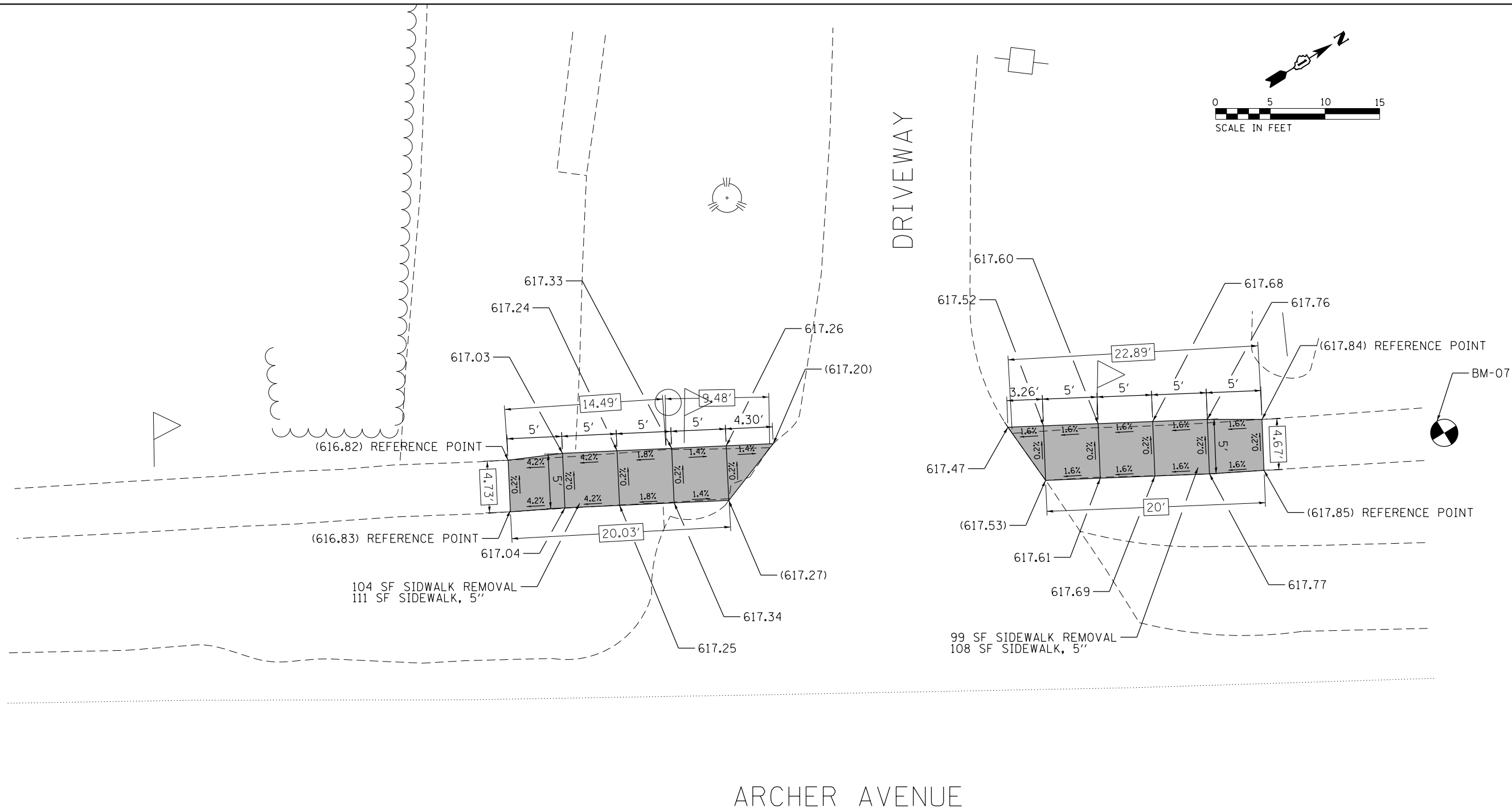
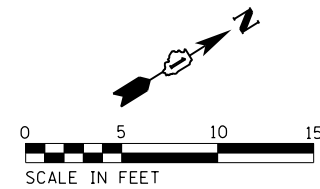
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	PLOT DATE = 3/13/2017	CHECKED - JK	DATE - 03/14/2017
		REVISIONS	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
IL 171 AT WILLOW CREEK LANE (STA 186+00)**

SCALE: 1" = 5' SHEET 4 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U)-11R5-7	COOK	40	250
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND	
xx.xx	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
—	PROPOSED SIDE CURB
	PROPOSED SIDEWALK
	DEPRESSED CURB & GUTTER
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
	BENCHMARK

REFERENCE BENCHMARK 07 ELEV 618.116
BENCHMARK: CUT SQUARE CL CONC. WALK
LOCATION: W'LY SIDE ARCHER AVENUE 65' N'LY CENTERLINE EAST ASPHALT DRIVE

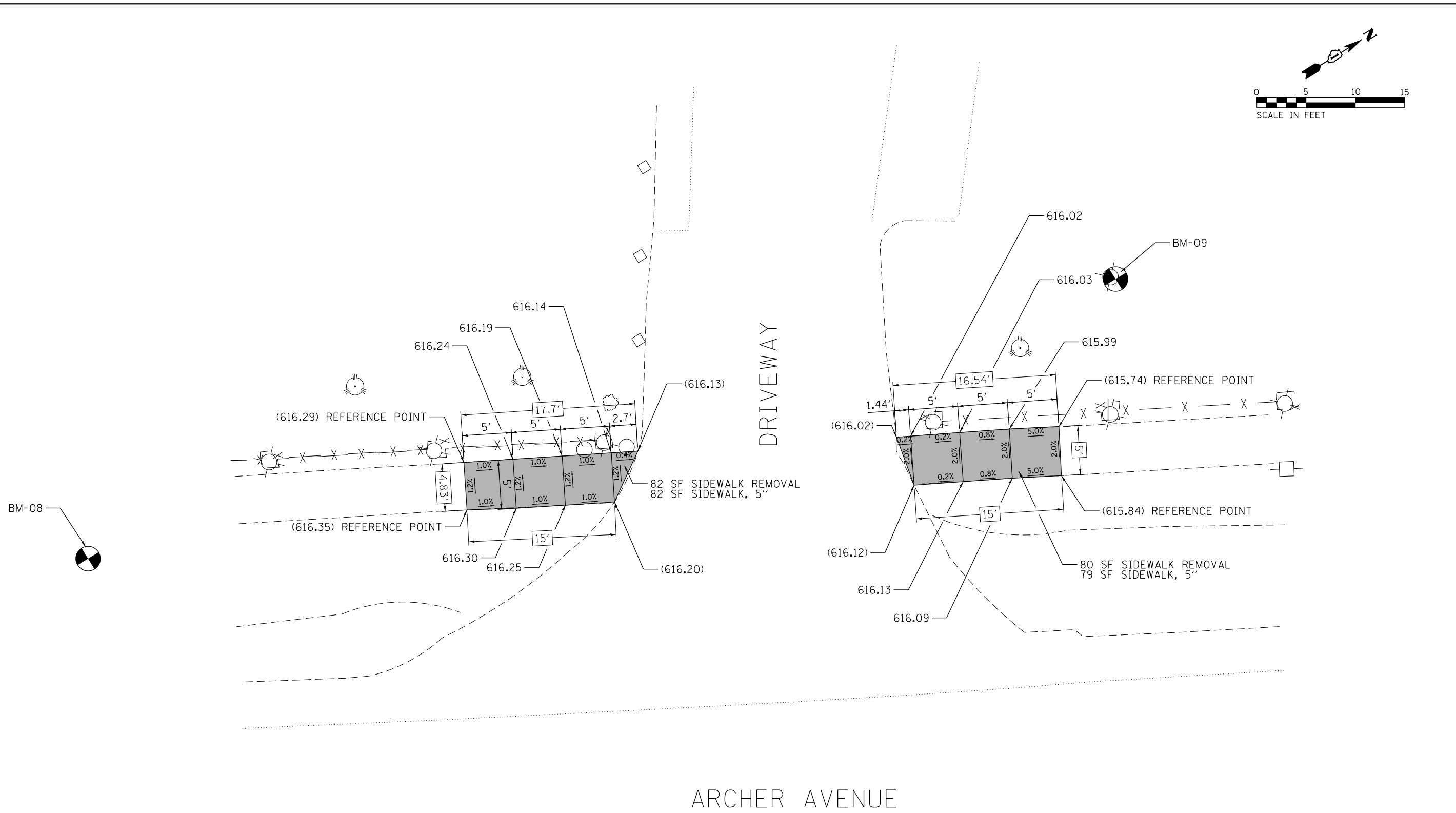
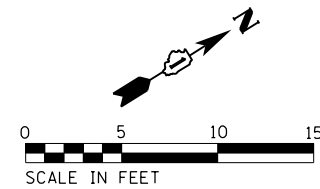
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		DATE - 03/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
IL 171 AT DRIVEWAY (STA 191+00)**

SCALE: 1" = 5' SHEET 5 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U)-DRS-7	COOK	40	25E
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

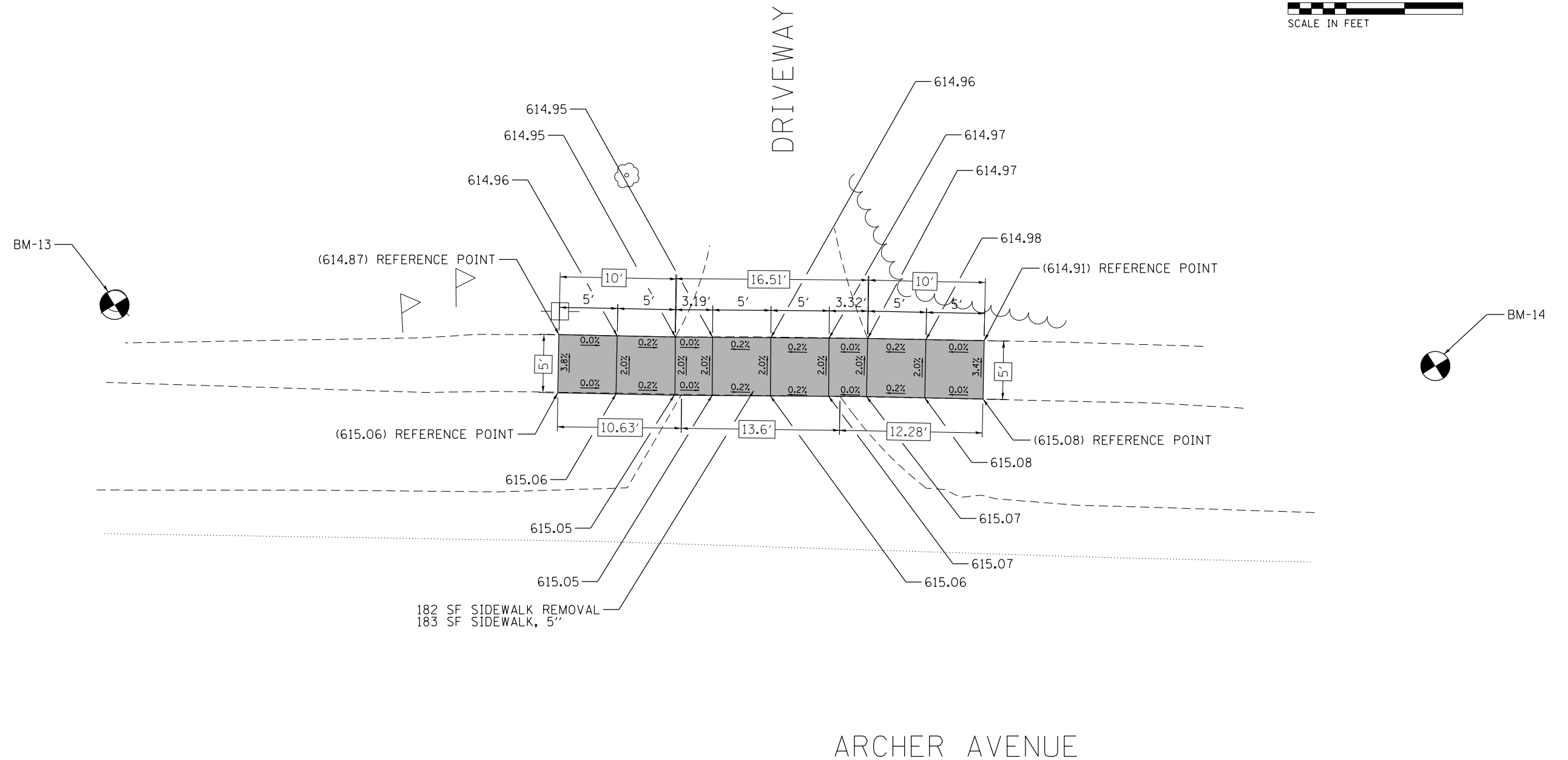
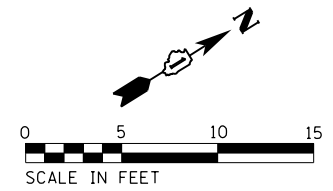
REFERENCE BENCHMARK 08 ELEV 618.185
BENCHMARK: CUT CROSS N'LY FLANGE BOLT FIRE HYDRANT
LOCATION: 70' S OF S'LY PARKING LOT ENTRANCE WEST SIDE OF ARCHER AVENUE

LEGEND

- XX.XX EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- DEPRESSED CURB & GUTTER
- DETECTABLE WARNINGS
- X X X X SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
- BENCHMARK

REFERENCE BENCHMARK 09 ELEV 616.47
BENCHMARK: CUT CROSS NE BOLT LIGHT POLE
LOCATION: IN PARKING LOT N'LY SIDE OF S'LY ENTRANCE WEST OF ARCHER AVENUE

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Default	PLOT SCALE = 10.0000' / in.	DRAWN - RM	REVISED -			3565	(B&U)-DRS-7	COOK	40	25F
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						CONTRACT NO. 60Y88				
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

BENCHMARK 13 ELEV. 617.241
BENCHMARK: CUT CROSS NE ARROW BOLT
LOCATION: FIRE HYDRANT FLANGE

LEGEND

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

REFERENCE BENCHMARK 14 ELEV 615.118
BENCHMARK: CUT SQUARE CENTERLINE WALK OPPOSITE "NO PARKING" SIGN
LOCATION: 50' +/- CENTERLINE DRIVE

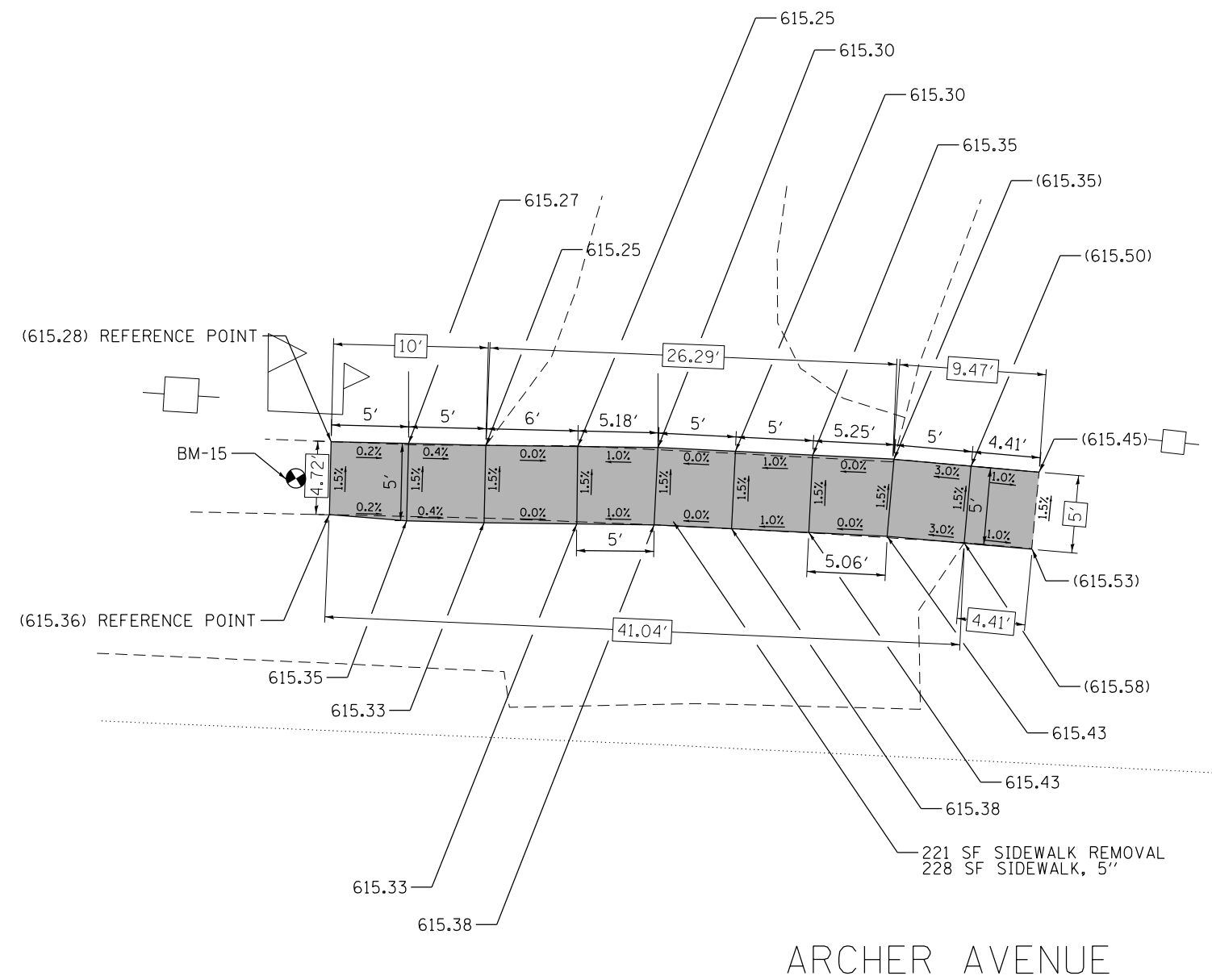
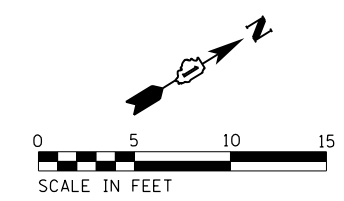
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		DATE - 03/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
IL 171 AT DRIVEWAY (STA 199+00)**

SCALE: 1" = 5' SHEET 9 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U)-DRS-7	COOK	40	251
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 15 ELEV 615.280
BENCHMARK: CUT SQUARE CENTERLINE WALK
LOCATION: SE'LY OF MAILBOXES

LEGEND

- PROPOSED SIDEWALK
- DEPRESSED CURB & GUTTER
- EXISTING LENGTH
- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE
- BENCHMARK
- PROPOSED SIDE CURB
- SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

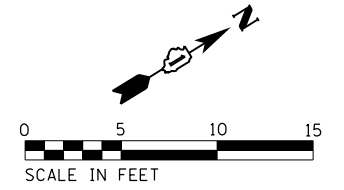
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		DATE - 03/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

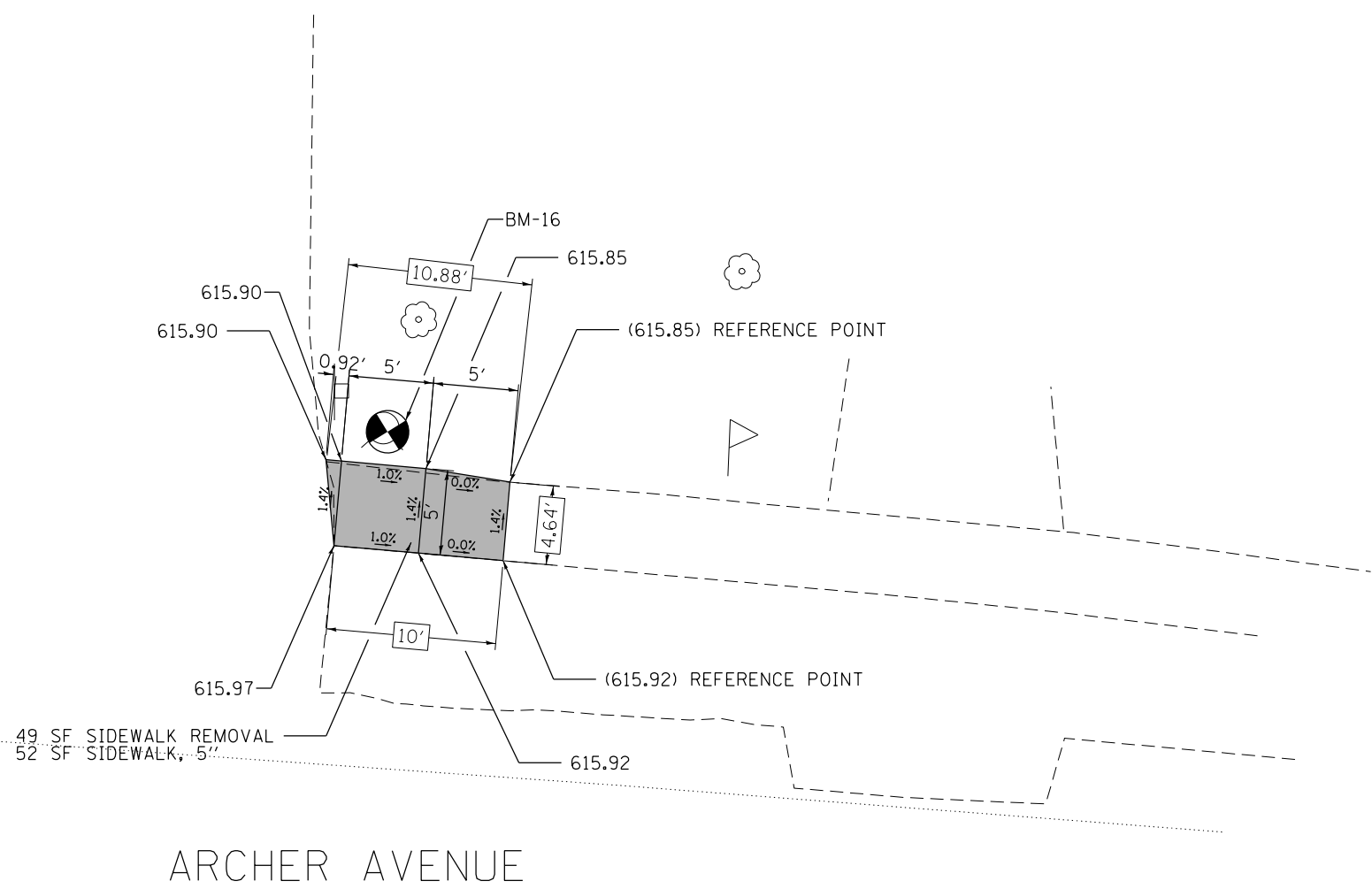
**ADA RAMP DETAILS
IL 171 AT DRIVEWAY (STA 200+00)**

SCALE: 1" = 5' SHEET 10 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U)-DRS-7	COOK	40	25J
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PARKING LOT



49 SF SIDEWALK REMOVAL
52 SF SIDEWALK, 5'

NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND	
XX.XX	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
—	PROPOSED SIDE CURB
	PROPOSED SIDEWALK
	DEPRESSED CURB & GUTTER
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
	BENCHMARK

REFERENCE BENCHMARK 16 ELEV 617.869
BENCHMARK: CUT CROSS N'LY ARROW BOLT
LOCATION: FIRE HYDRANT FLANGE

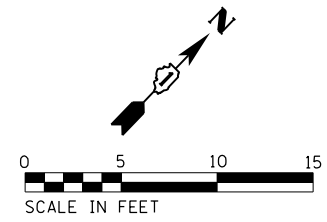
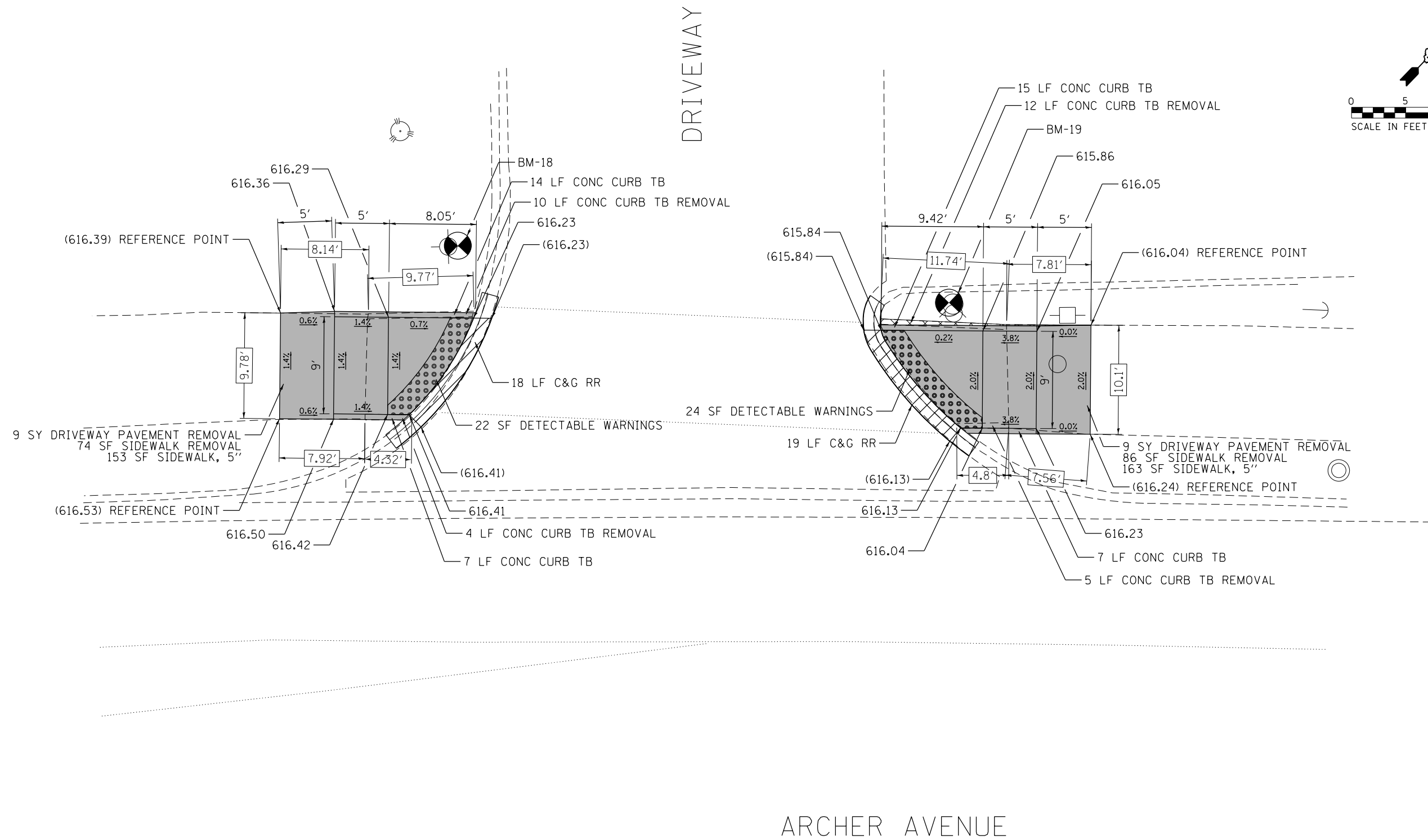
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Default	PLOT SCALE = 10.0000' / in.	DRAWN - RM	REVISIONS
	PLOT DATE = 3/13/2017	CHECKED - JK	REVISIONS
		DATE - 03/14/2017	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
IL 171 AT PARKING LOT (STA 201+00)**

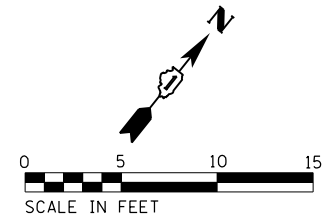
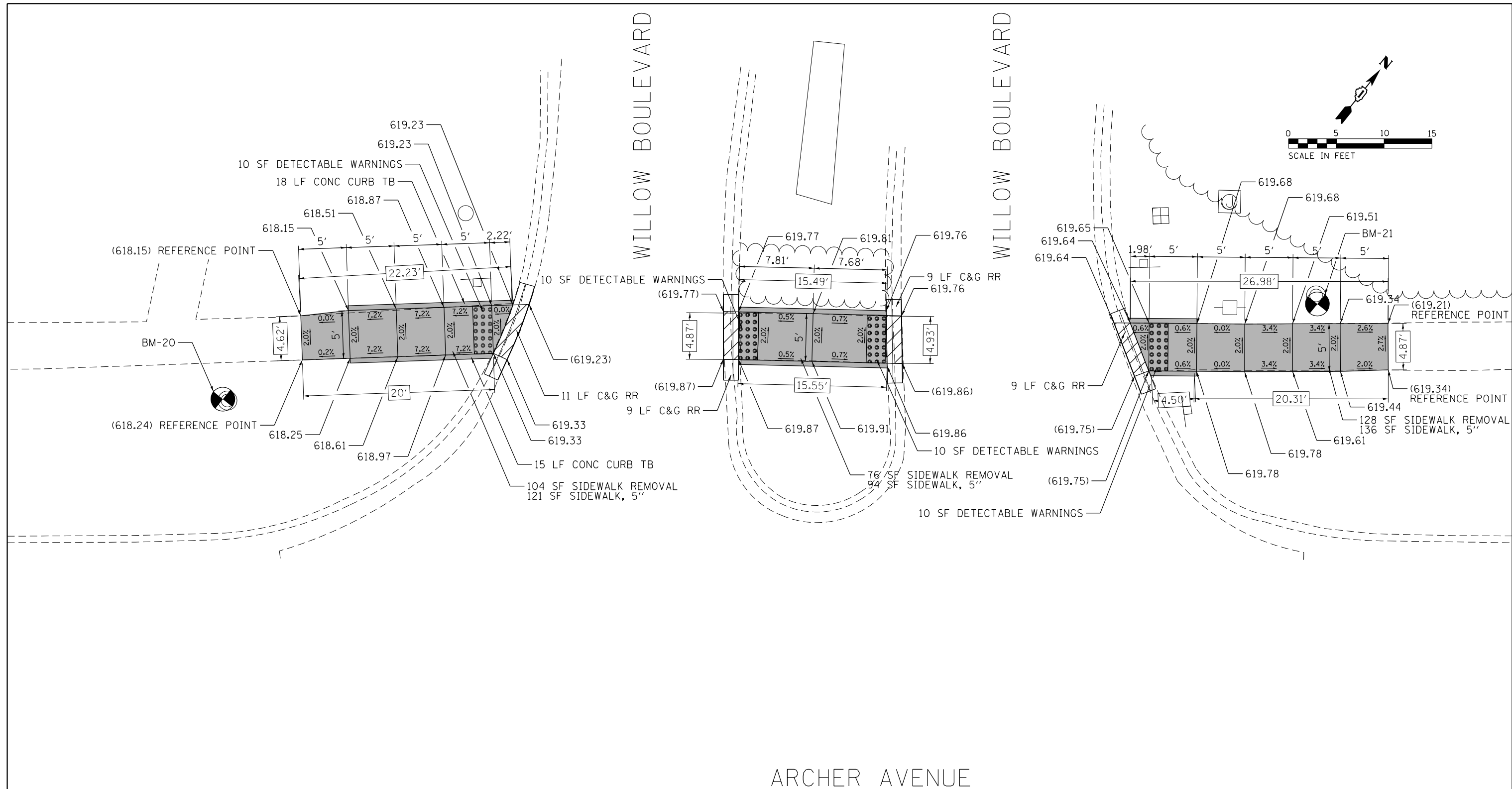
SCALE: 1" = 5' SHEET 11 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U)-DRS-7	COOK	40	25K
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

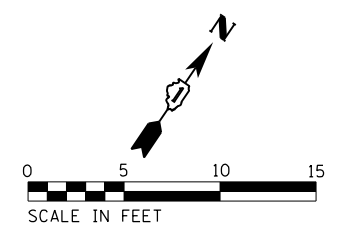
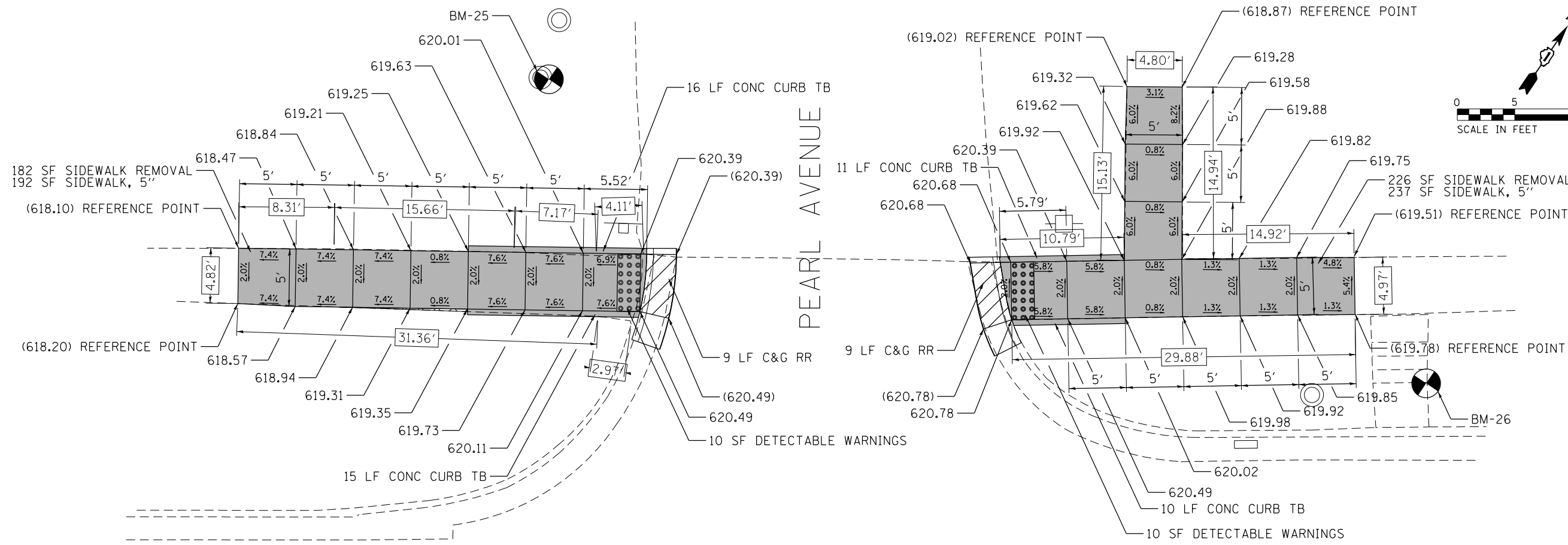
REFERENCE BENCHMARK 18 ELEV 617.615 BENCHMARK: SET CUT SQUARE N'LY SIDE CONCRETE LIGHT POLE BASE		LEGEND [---] EXISTING LENGTH () EXISTING ELEVATION/SLOPE [==] PROPOSED SIDE CURB [■] PROPOSED SIDEWALK [▨] DEPRESSED CURB & GUTTER [●●●●] DETECTABLE WARNINGS [⊗] BENCHMARK [X] SIDEWALK REMOVAL [X] REPLACE W/ TOPSOIL & SOD		REFERENCE BENCHMARK 19 ELEV 619.546 BENCHMARK: SET CUT CROSS W'LY ARROW BOLT LOCATION: FIRE HYDRANT FLANGE	
FILE NAME = D160Y88-sht-detailsRamps-13.dgn	USER NAME = jk_jellme	DESIGNED - RR DRAWN - RM	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
PLOT SCALE = 10.0000' / in. PLOT DATE = 3/13/2017	CHECKED - JK DATE - 03/14/2017	ADA RAMP DETAILS IL 171 AT DRIVEWAY (STA 210+00)		F.A.U. RTE. 3565 SECTION (B&U-D)RS-7 COUNTY COOK TOTAL SHEETS 40 SHEET NO. 25M	CONTRACT NO. 60Y88 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
SCALE: 1" = 5'				SHEET 13 OF 27 SHEETS STA. TO STA.	



NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 20 ELEV 618.261 BENCHMARK: CUT CROSS ON W'LY RIM OF WATER VALVE VAULT	<p>LEGEND</p> <p>--- EXISTING LENGTH</p> <p>() EXISTING ELEVATION/SLOPE</p> <p>== PROPOSED SIDE CURB</p> <p>■ PROPOSED SIDEWALK</p> <p>▨ DEPRESSED CURB & GUTTER</p> <p>● DETECTABLE WARNINGS</p> <p>⊗ SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD</p> <p>⊙ BENCHMARK</p>	REFERENCE BENCHMARK 21 ELEV 619.176 BENCHMARK: SET CUT CROSS ON E'LY RIM OF WATER VALVE VAULT
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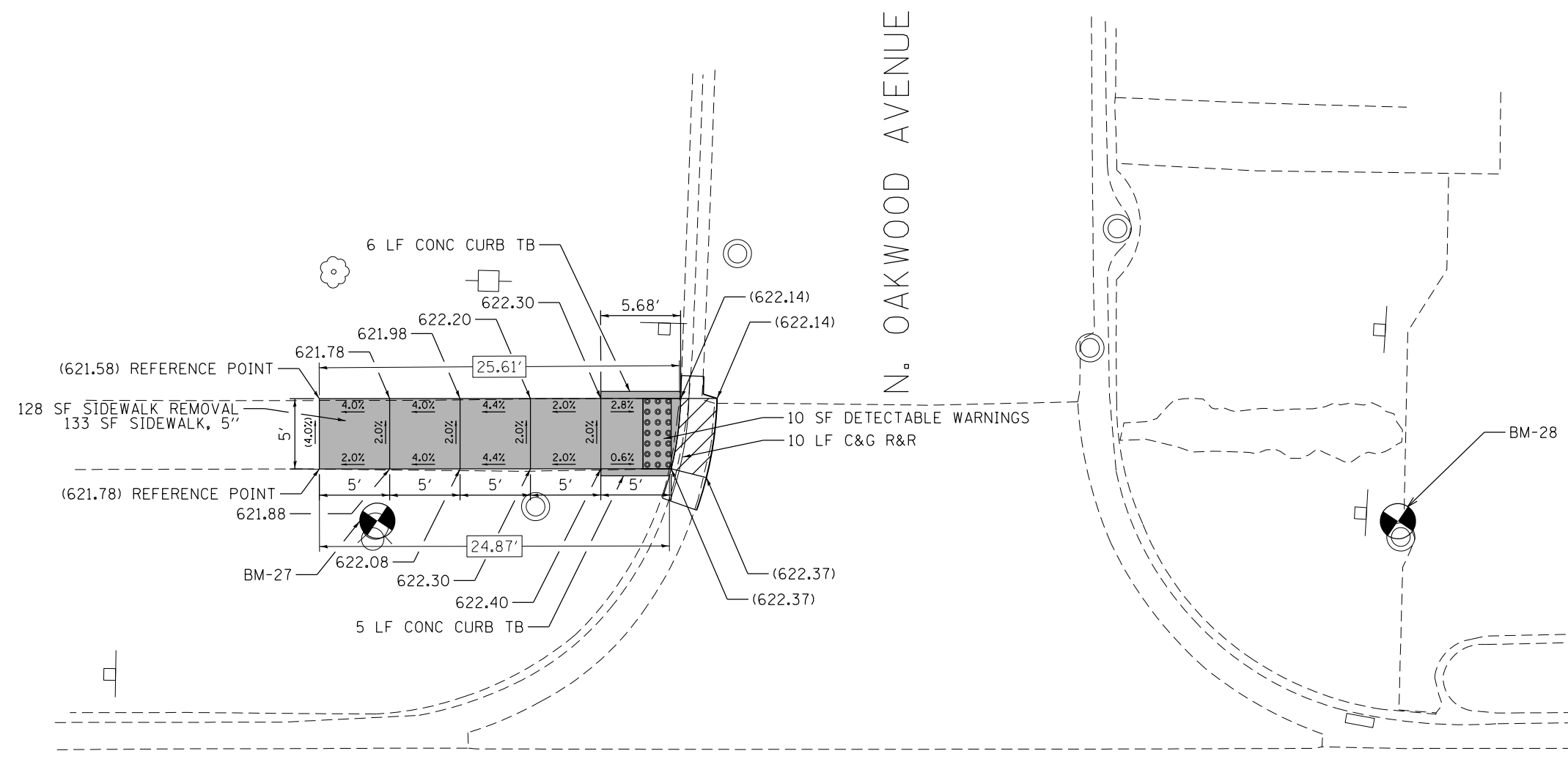
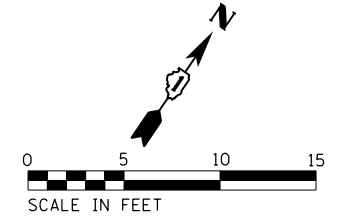
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Default	PLOT SCALE = 10.0000' / in.	CHECKED - JK	REVISIONS			SCALE: 1" = 5'	SHEET 14 OF 27 SHEETS	STA. TO STA.	CONTRACT NO. 60Y88			
	PLOT DATE = 3/13/2017	DATE - 03/14/2017	REVISIONS			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



ARCHER AVENUE

NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 25 ELEV 618.139 BENCHMARK: CUT CROSS ON E'LY RIM OF WATER VAVLE VAULT		LEGEND [XX.XX] EXISTING LENGTH () EXISTING ELEVATION/SLOPE [---] PROPOSED SIDE CURB		[SHADING] PROPOSED SIDEWALK [DOTS] DETECTABLE WARNINGS [X] SIDEWALK REMOVAL [X] REPLACE W/ TOPSOIL & SOD		[DIAGONAL] DEPRESSED CURB & GUTTER [BENCHMARK] BENCHMARK		REFERENCE BENCHMARK 26 ELEV 622.026 BENCHMARK: CUT SQUARE IN THE N'LY CORNER OF CONCRETE LANDING LOCATION: TOP OF THE STAIRS				
FILE NAME = D160Y88-sht-detailsRamps-16.dgn	USER NAME = jk_jellme	DESIGNED - RR DRAWN - RM	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ADA RAMP DETAILS IL 171 AT PEARL AVENUE (STA 236+00)		F.A.U. RTE. 3565	SECTION (B&U)-DRS-7	COUNTY COOK	TOTAL SHEETS 40	SHEET NO. 25P
PLOT SCALE = 10.0000' / in. PLOT DATE = 3/13/2017	CHECKED - JK DATE - 03/14/2017			SCALE: 1" = 5' SHEET 16 OF 27 SHEETS STA. TO STA.				CONTRACT NO. 60Y88 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



ARCHER AVENUE

NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

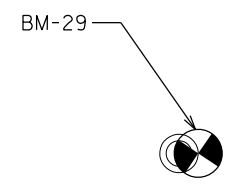
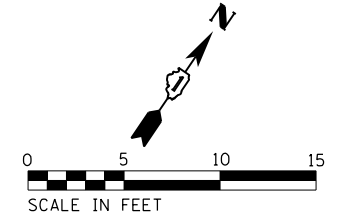
REFERENCE BENCHMARK 27 ELEV 624.165
BENCHMARK: CUT CROSS IN N'LY FIRE HYDRANT FLANGE BOLT
LOCATION: SW CORNER OF ARCHER AVENUE AND NORTH OAKWOOD AVENUE

LEGEND

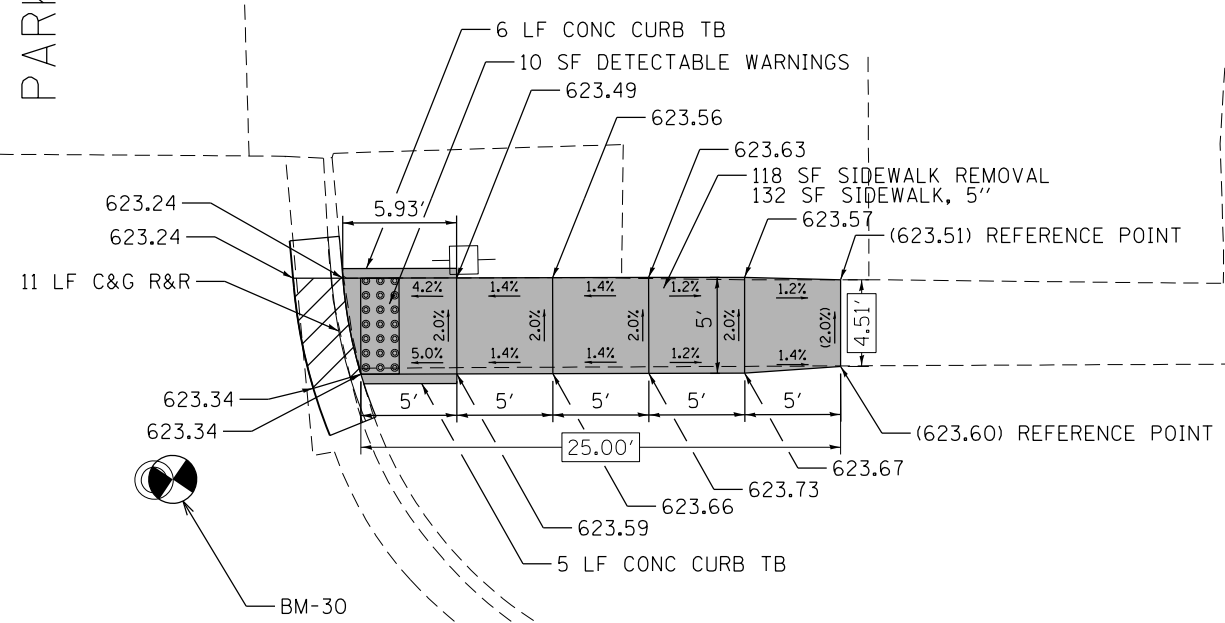
- ▬▬▬▬ EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- ▬▬▬▬ PROPOSED SIDE CURB
- ▬▬▬▬ PROPOSED SIDEWALK
- ▬▬▬▬ DEPRESSED CURB & GUTTER
- ▬▬▬▬ DETECTABLE WARNINGS
- ▬▬▬▬ SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD
- ⊙ BENCHMARK

REFERENCE BENCHMARK 28 ELEV 622.398
BENCHMARK: CUT CROSS IN W'LY RIM OF WATER VAVLE VAULT

FILE NAME = D160Y88-sht-detailsRamps-17.dgn	USER NAME = jk_eilm	DESIGNED - RR	DRAWN - RM	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 AT N. OAKWOOD AVENUE (STA 239+00)	SCALE: 1" = 5'	SHEET 17 OF 27 SHEETS	STA. TO STA.	F.A.U. RTE. 3565	SECTION (B&U-D)RS-7	COUNTY COOK	TOTAL SHEETS 40	SHEET NO. 250	CONTRACT NO. 60Y88
Default	PLOT SCALE = 10.0000' / in.	CHECKED - JK	DATE - 03/14/2017	REVISIONS						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



PARK STREET



ARCHER AVENUE

NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 29 ELEV 622.104
BENCHMARK: CUT CROSS IN N. RIM OF CATCH BASIN IN DRIVEWAY

LEGEND

- EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- == PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- ▨ DEPRESSED CURB & GUTTER
- DETECTABLE WARNINGS
- ⊗ SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD
- ⊙ BENCHMARK

REFERENCE BENCHMARK 30 ELEV 623.797
BENCHMARK: CUT CROSS IN N'LY RIM OF WATER VALVE VAULT

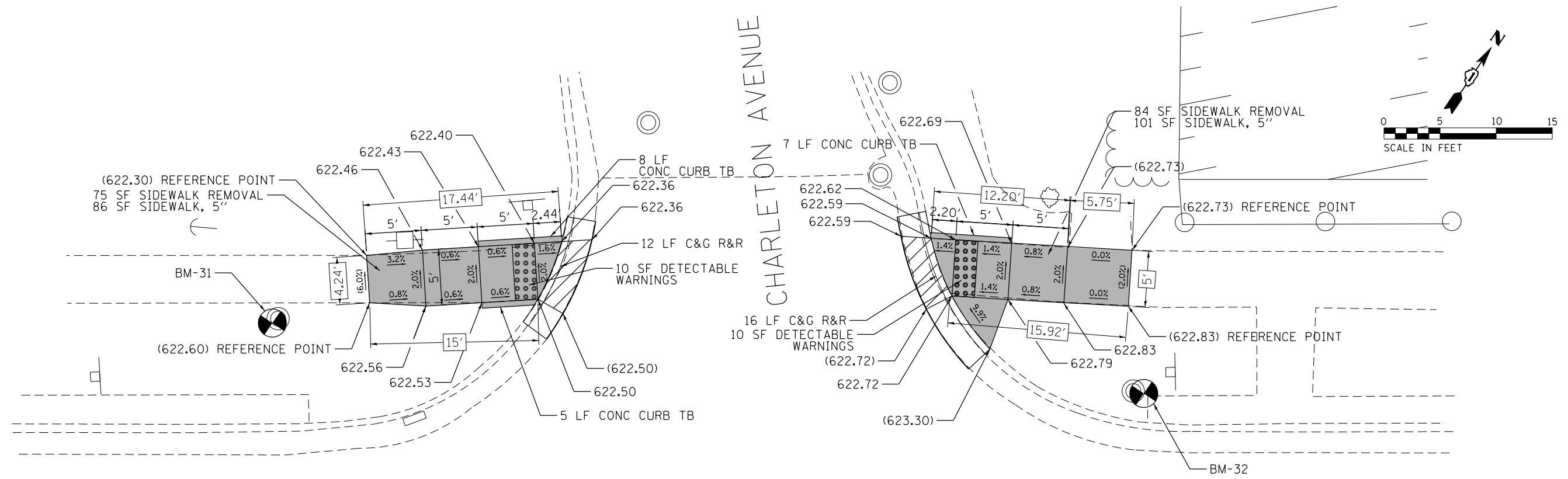
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Default	PLOT SCALE = 10.0000' / in.	DRAWN - RM	REVISED -
	PLOT DATE = 3/13/2017	CHECKED - JK	REVISED -
		DATE - 03/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
IL 171 AT PARK STREET (STA 243+00)**

SCALE: 1" = 5' SHEET 18 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	1B&U-11RS-7	COOK	40	25R
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



ARCHER AVENUE

NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

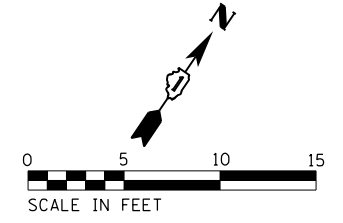
REFERENCE BENCHMARK 31 ELEV 623.539
BENCHMARK: CUT CROSS IN N'LY RIM OF WATER VALVE VAULT

LEGEND

- xx.xx' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- ▨ DEPRESSED CURB & GUTTER
- DETECTABLE WARNINGS
- ⊗ SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
- ⊙ BENCHMARK

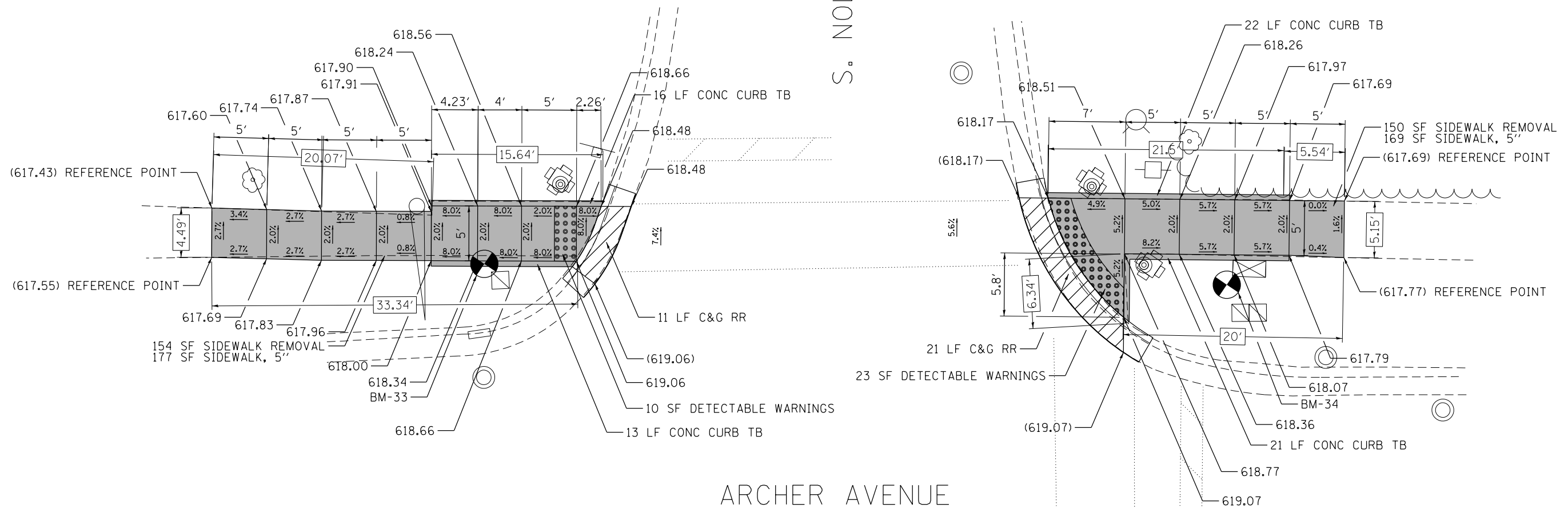
REFERENCE BENCHMARK 32 ELEV 622.266
BENCHMARK: CUT CROSS IN W'LY RIM OF TELEPHONE MANHOLE

FILE NAME = D160Y88-sht-detailsRamps-19.dgn	USER NAME = jk_jellme	DESIGNED - RR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 AT CHARLETON AVENUE (STA 247+00)	F.A.U RTE. 3565	SECTION IB&U-D1R5-7	COUNTY COOK	TOTAL SHEETS 40	SHEET NO. 255		
Default	PLOT SCALE = 10.0000' / in.	CHECKED - JK	REVISED -			SCALE: 1" = 5'	SHEET 19 OF 27 SHEETS	STA.	TO STA.	CONTRACT NO. 60Y88		
	PLOT DATE = 3/13/2017	DATE - 03/14/2017	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



S. NOLTON AVENUE

ARCHER AVENUE



NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 33 ELEV 618.331
BENCHMARK: CUT CROSS ON W'LY CORNER OF TRAFFIC SIGNAL HANDHOLE

REFERENCE BENCHMARK 34 ELEV 618.388
BENCHMARK: CUT SQUARE ON S'LY CORNER OF CONCRETE BASE FOR TRAFFIC SIGNAL CABINET

LEGEND	
	PROPOSED SIDEWALK
	EXISTING LENGTH
	EXISTING ELEVATION/SLOPE
	PROPOSED SIDE CURB
	DEPRESSED CURB & GUTTER
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
	BENCHMARK

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		DATE - 03/14/2017	REVISED -

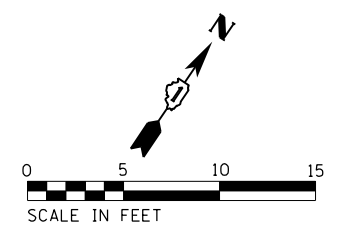
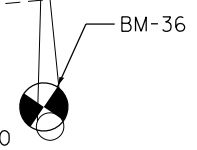
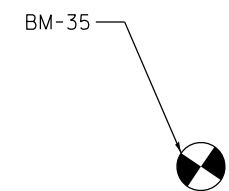
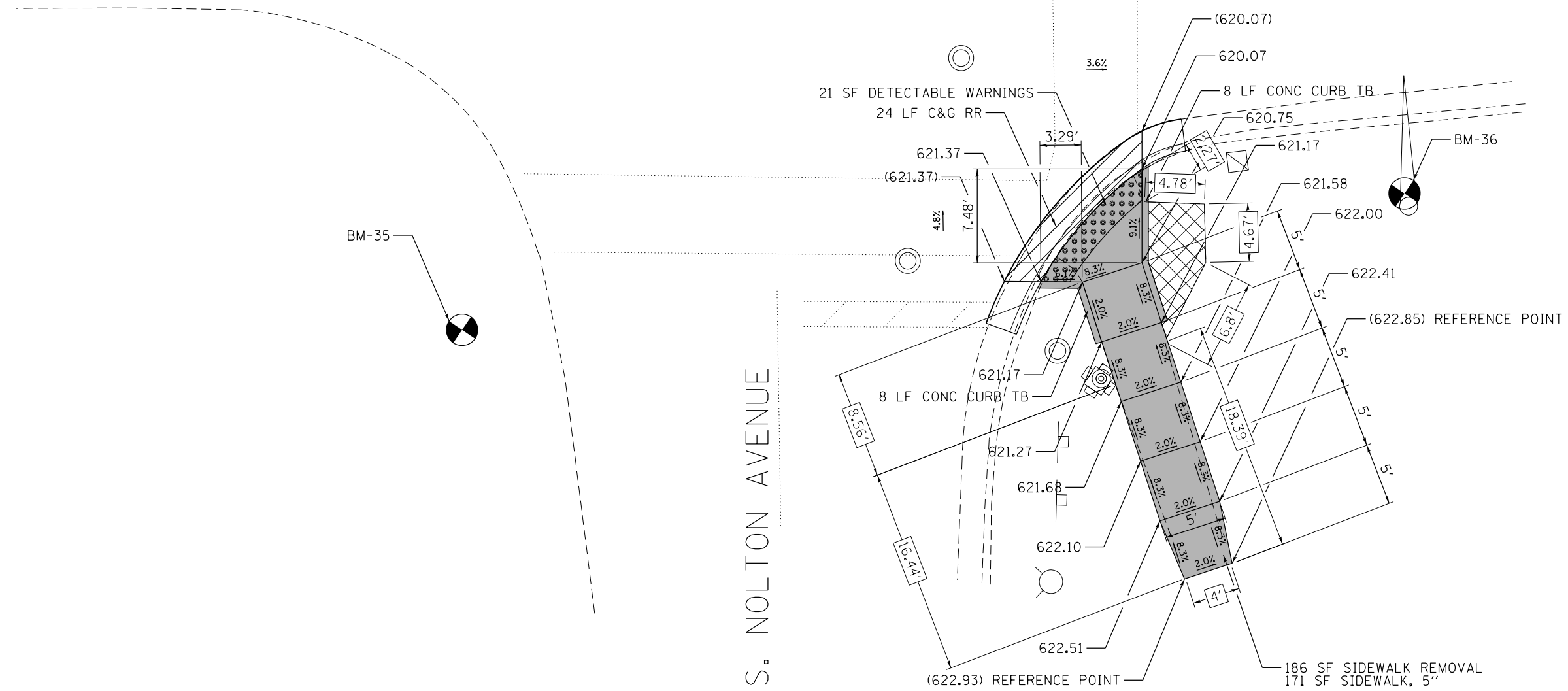
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 AT S. NOLTON AVENUE (STA 251+00)

SCALE: 1" = 5' SHEET 20 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	1B&U-11R5-7	COOK	40	25T
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ARCHER AVENUE



NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 35 ELEV 623.351
BENCHMARK: CUT SQUARE ON N'LY SIDE OF CONCRETE BASE FOR TRAFFIC SIGNAL

LEGEND	
<u>xx.xx'</u>	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
—	PROPOSED SIDE CURB
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
	DEPRESSED CURB & GUTTER
	BENCHMARK

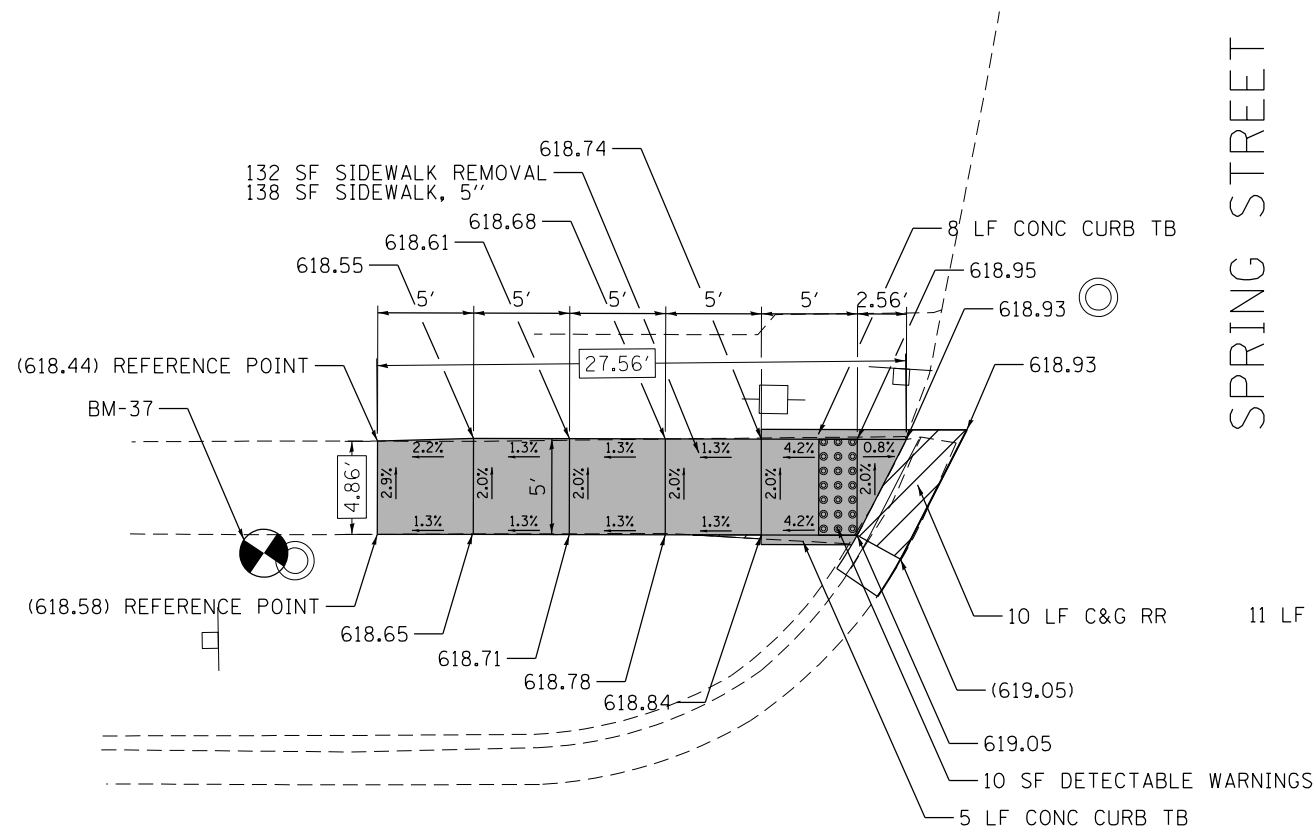
REFERENCE BENCHMARK 36 ELEV 621.424
BENCHMARK: CUT SQUARE ON W'LY SIDE OF CONCRETE BASE FOR TRAFFIC SIGNAL WITH MAST ARM

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		DATE - 03/14/2017	REVISED -

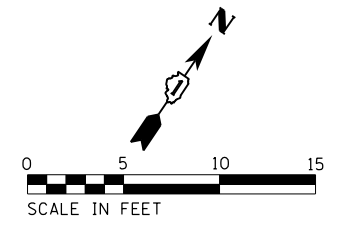
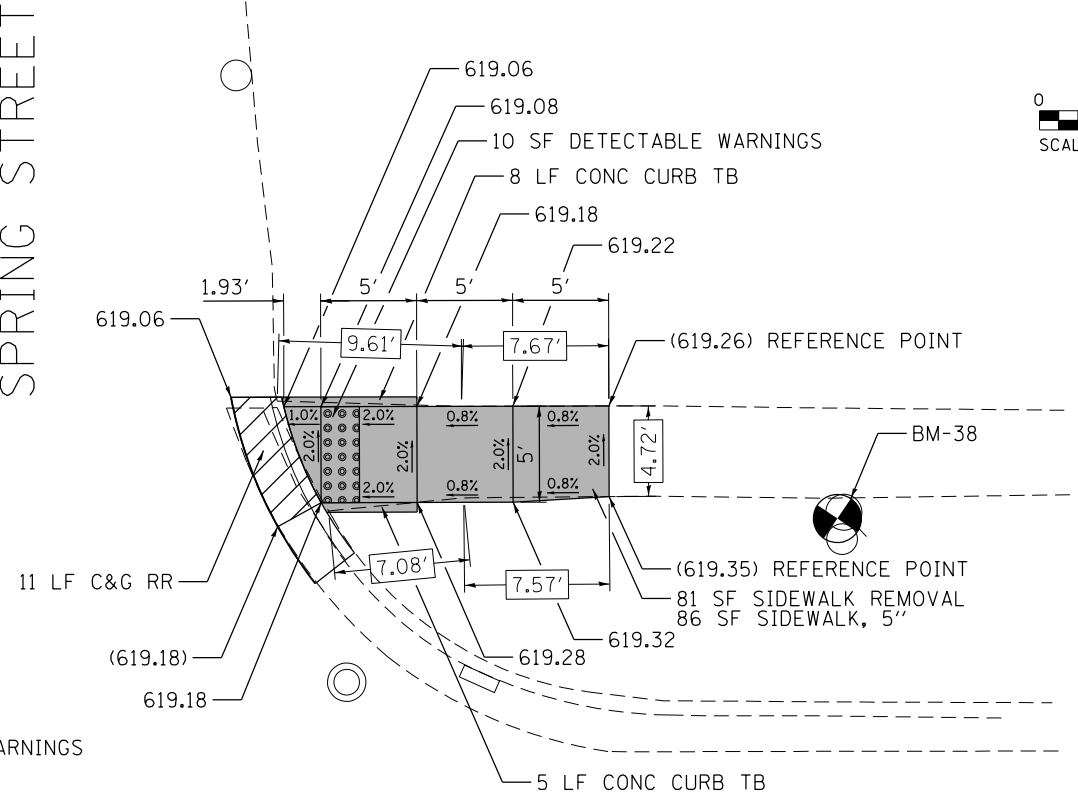
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS			
IL 171 AT S. NOLTON AVENUE (STA 251+00)			
SCALE: 1" = 5'	SHEET 21	OF 27 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U)-DRS-7	COOK	40	25U
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SPRING STREET



ARCHER AVENUE

NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 37 ELEV 618.504
BENCHMARK: CUT CROSS IN W'LY RIM OF BELL SYSTEM TELEPHONE MANHOLE

LEGEND

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

REFERENCE BENCHMARK 38 ELEV 621.815
BENCHMARK: CUT CROSS IN E'LY FIRE HYDRANT ARROW BOLT

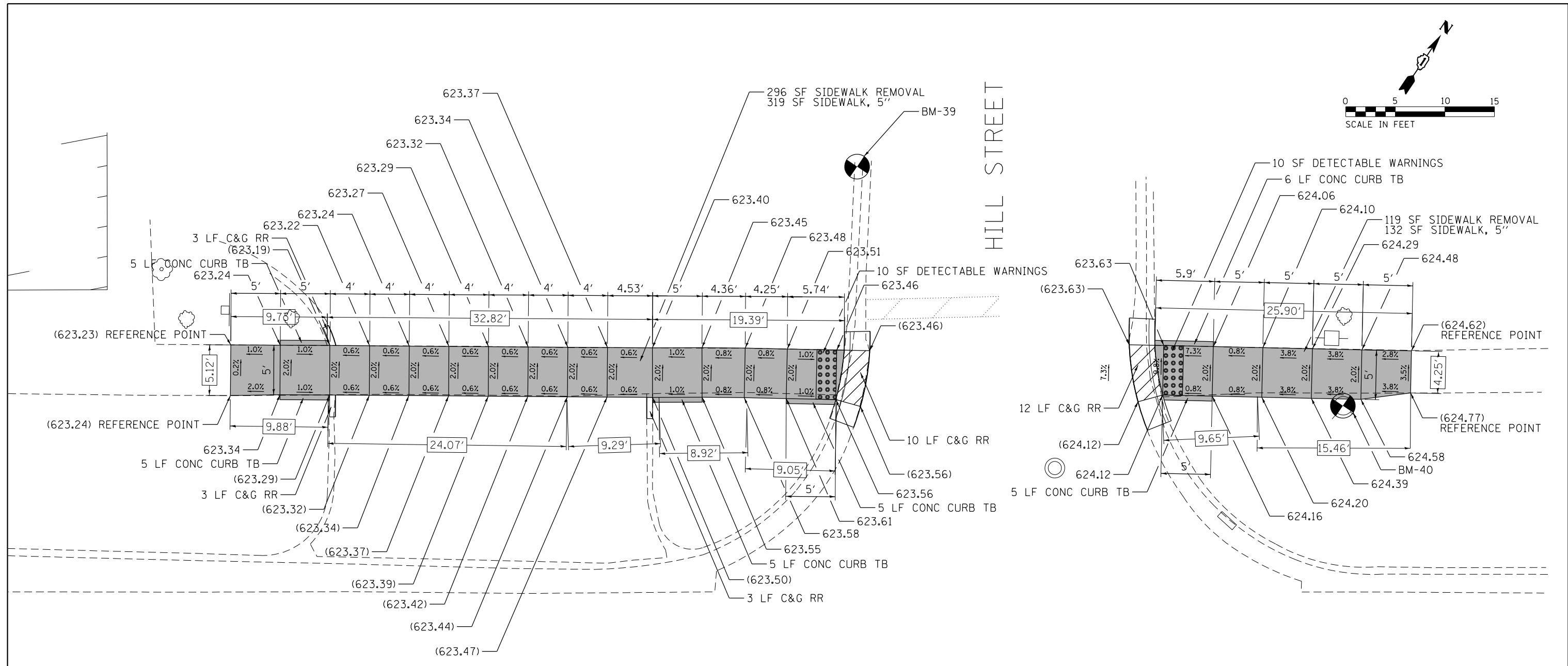
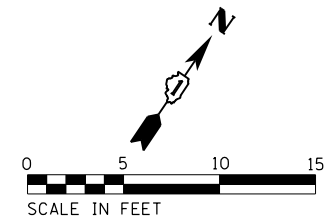
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		DATE - 03/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
IL 171 AT SPRING STREET (STA 255+00)**

SCALE: 1" = 5' SHEET 22 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	1B&U-11R5-7	COOK	40	25V
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 39 ELEV 622.329
BENCHMARK: CUT SQUARE IN TOP OF CURB 15' W'LY OF PC OF CURB ON SOUTH
SIDE OF HILL STREET

LEGEND

- █ EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- ══ PROPOSED SIDE CURB
- █ PROPOSED SIDEWALK
- ▨ DEPRESSED CURB & GUTTER
- DETECTABLE WARNINGS
- ⊗ BENCHMARK
- ▩ SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

REFERENCE BENCHMARK 40 ELEV 627.300
BENCHMARK: CUT CROSS ON SW'LY FIRE HYDRANT FLANGE BOLT

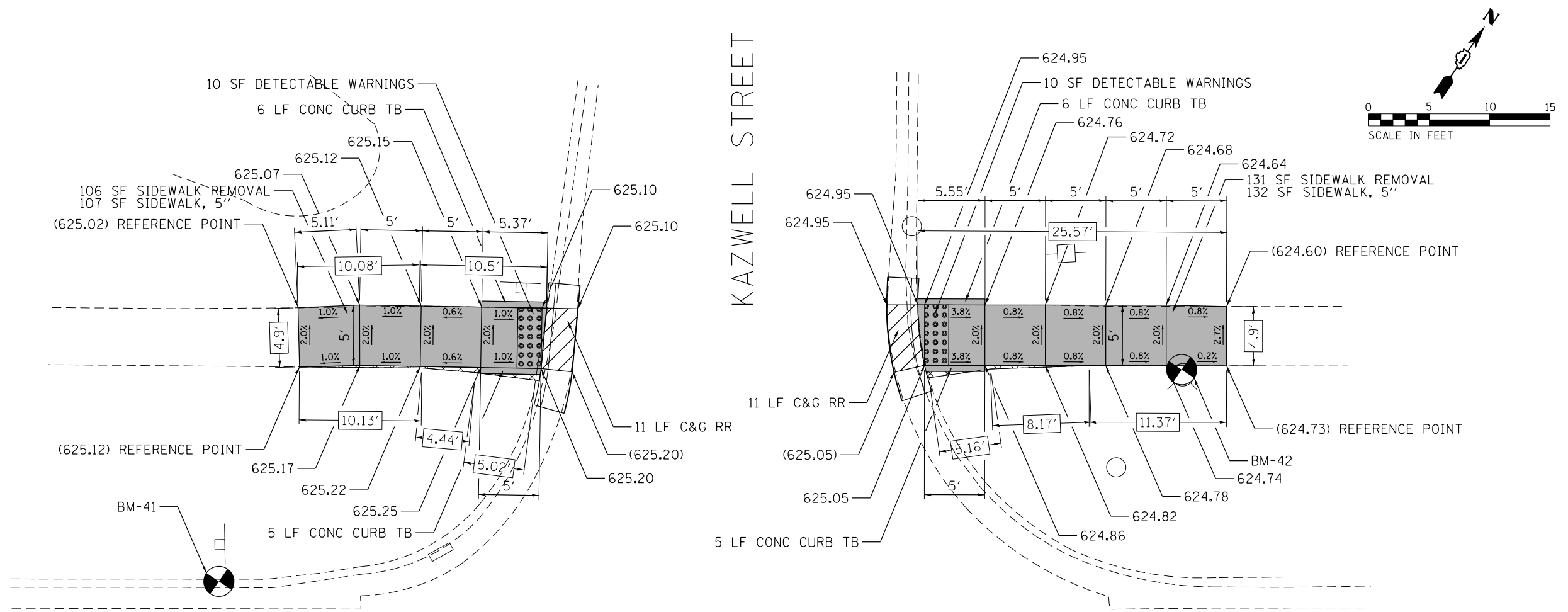
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Default	PLOT SCALE = 10.0000' / in.	DRAWN - RM	REVISED -
	PLOT DATE = 3/13/2017	CHECKED - JK	REVISED -
		DATE - 03/14/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 AT HILL STREET (STA 258+00)

SCALE: 1" = 5' SHEET 23 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U)-DRS-7	COOK	40	25W
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 41 ELEV 627.206
BENCHMARK: CUT SQUARE IN BACK OF CURB ON W'LY SIDE OF ARCHER AVENUE

LEGEND

- xx.xx EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- == PROPOSED SIDE CURB

- PROPOSED SIDEWALK
- DEPRESSED CURB & GUTTER
- DETECTABLE WARNINGS
- BENCHMARK
- SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

REFERENCE BENCHMARK 42 ELEV 625.907
BENCHMARK: CUT CROSS IN N'LY FIRE HYDRANT FLANGE BOLT

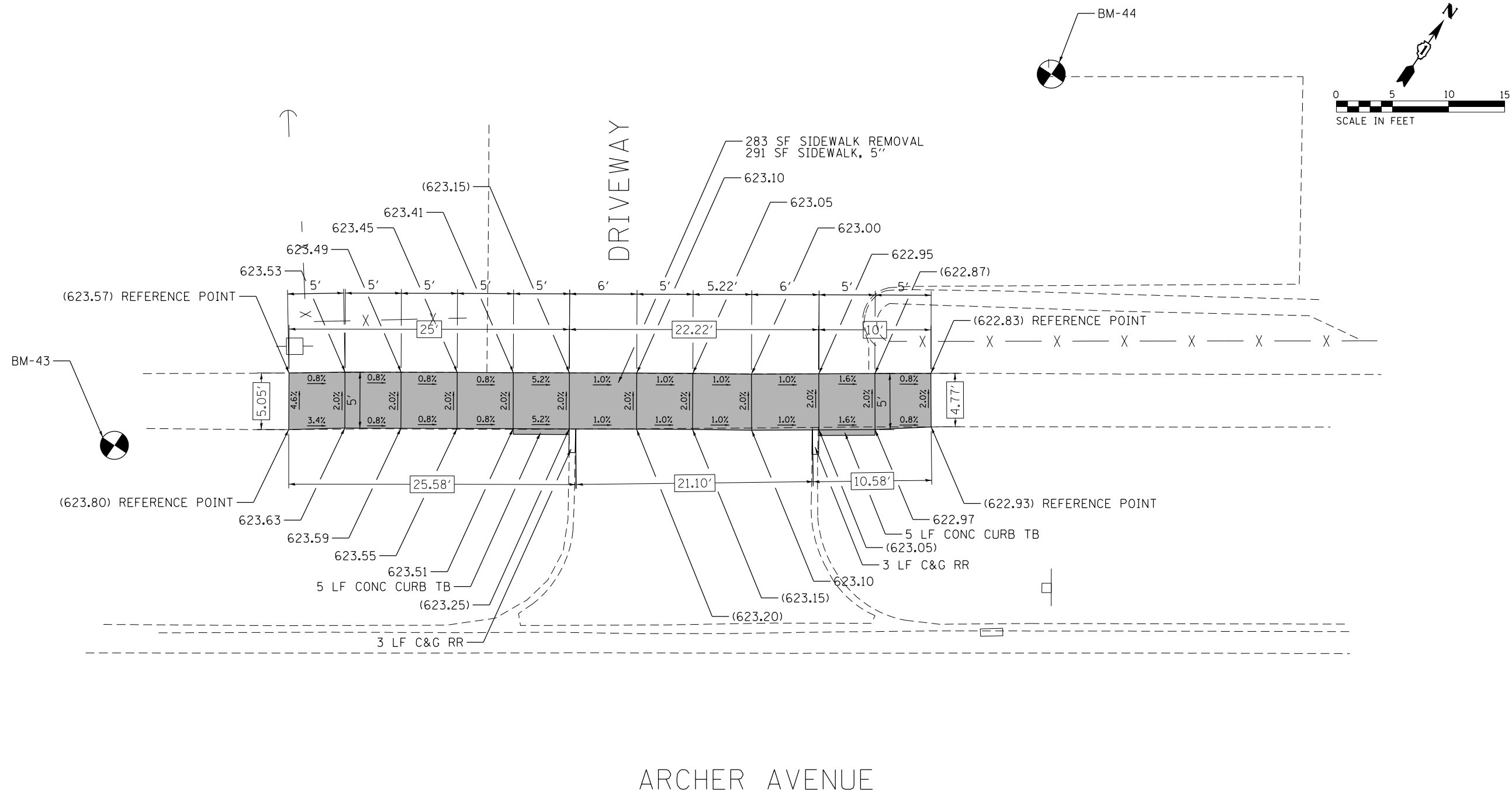
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	PLOT DATE = 3/13/2017	CHECKED - JK	REVISED -
		DATE - 03/14/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 AT KAZWELL STREET (STA 262+00)

SCALE: 1" = 5' SHEET 24 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U-D)RS-7	COOK	40	25X
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 43 ELEV 624.136
BENCHMARK: CUT CROSS IN N'LY RIM OF BELL SYSTEMS TELEPHONE MANHOLE

LEGEND

- PROPOSED SIDEWALK
- DEPRESSED CURB & GUTTER
- EXISTING LENGTH
- DETECTABLE WARNINGS
- EXISTING ELEVATION/SLOPE
- BENCHMARK
- PROPOSED SIDE CURB
- SIDEWALK REMOVAL
- REPLACE W/ TOPSOIL & SOD

REFERENCE BENCHMARK 44 ELEV 621.159
BENCHMARK: CUT SQUARE IN S'LY COR. WALK
LOCATION: APARTMENT BUILDING

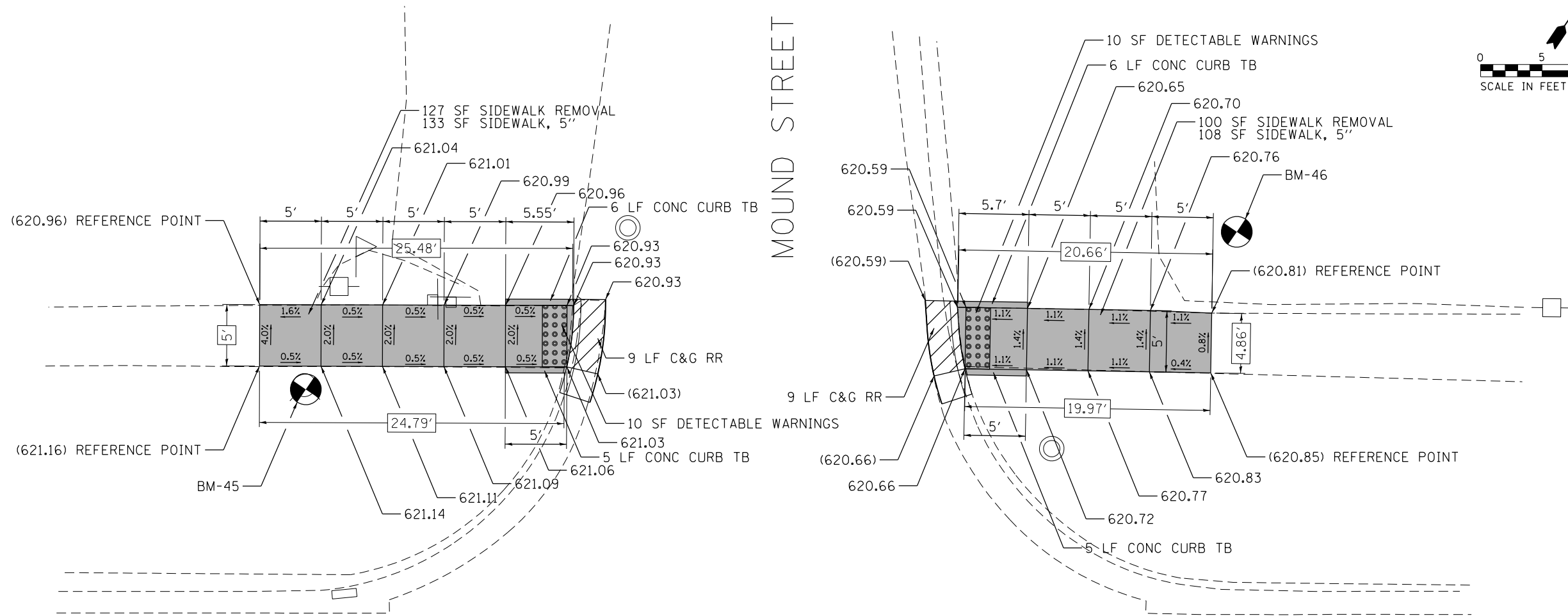
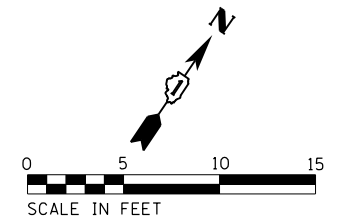
FILE NAME =	USER NAME = jk_jellme	DESIGNED - RR	REVISED -
D:\60Y88-sht-details\Ramps-25.dgn		DRAWN - RM	REVISED -
Default	PLOT SCALE = 10.0000' / in.	CHECKED - JK	REVISED -
	PLOT DATE = 3/13/2017	DATE - 03/14/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
IL 171 AT DRIVEWAY (STA 264+00)**

SCALE: 1" = 5' SHEET 25 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U)-DRS-7	COOK	40	25Y
CONTRACT NO. 60Y88				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



ARCHER AVENUE

NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 45 ELEV 623.531 BENCHMARK: CUT CROSS IN NW FIRE HYDRANT FLANGE BOLT	LEGEND [---] EXISTING LENGTH () EXISTING ELEVATION/SLOPE [---] PROPOSED SIDE CURB [■] PROPOSED SIDEWALK [▨] DEPRESSED CURB & GUTTER [●●●●] DETECTABLE WARNINGS [⊗] BENCHMARK [X] SIDEWALK REMOVAL [X] REPLACE W/ TOPSOIL & SOD	REFERENCE BENCHMARK 46 ELEV 621.032 BENCHMARK: CUT SQUARE IN BACK OF CURB LOCATION: FANABERIA SALON PARKING LOT
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