

04-27-2018 LETTING ITEM 016

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	1
ILLINOIS CONTRACT NO. 62D20				

*107+14= 121 TOTAL SHEETS

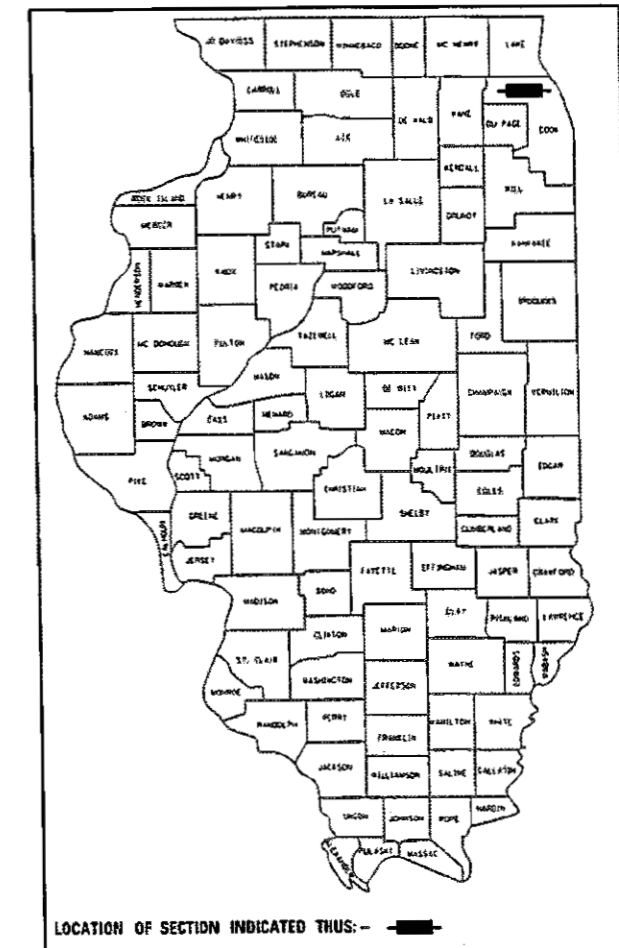
D-91-438-16

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE VILLAGES OF ARLINGTON HEIGHTS AND MOUNT PROSPECT

**PROPOSED
HIGHWAY PLANS**
FAU ROUTE 1300: CENTRAL ROAD
ARLINGTON HEIGHTS RD. TO US RTE 12/RAND RD.
SECTION: (1618 & 1819.1) RS
PROJECT: STP-7039(890)
RESURFACING (3P), PEDESTRIAN RAMPS
COOK COUNTY

C-91-438-16



TRAFFIC DATA:

CENTRAL ROAD:

ARLINGTON HEIGHTS RD TO S WELLER LN:

ADT (2014) = 23,100

POSTED SPEED LIMIT = 40 MPH

S WELLER LN TO W NORTHWEST HWY:

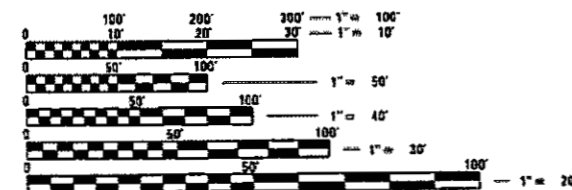
ADT (2014) = 21,300

POSTED SPEED LIMIT = 35 MPH

W NORTHWEST HWY TO US 12/RAND RD:

ADT (2014) = 17,700

POSTED SPEED LIMIT = 35 MPH



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

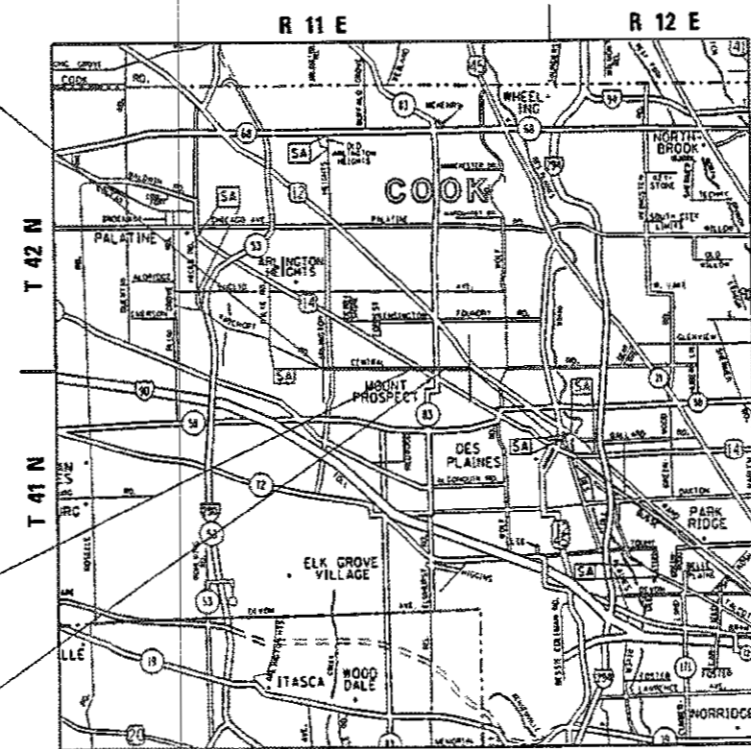
PROJECT ENGINEER KARI SMITH (847) 705-4437
PROJECT MANAGER FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62D20

PROJECT BEGINS
STA 3+16.4

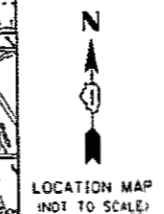
OMISSION
STA 103+06.7
TO STA 103+80.1
OMISSION
STA 121+71.8
TO STA 122+69.3

PROJECT ENDS
STA 164+69.5



ELK GROVE TOWNSHIP/WHEELING TOWNSHIP/MAINE TOWNSHIP

GROSS LENGTH = 16153.1 FT. = 3.059 MILE
NET LENGTH = 15982.2 FT. = 3.027 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 1, 2018
Anthony J. Quigley REGIONAL ENGINEER
Mar 23, 2018
Paul J. [Signature] ENGINEER OF DESIGN AND ENVIRONMENT
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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106	TS-05: DISTRICT 1 - STANDARD TRAFFIC SIGNAL DESIGN DETAILS (SHEET 2 OF 7)
107	TS-07: DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-03	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-04	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-04	DEPRESSED CORNER FOR SIDEWALKS
424026-02	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
604001-04	FRAME AND LIDS TYPE 1
604091-03	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS -DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
814001-03	HANDHOLES
878001-10	CONCRETE FOUNDATION DETAILS

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE VILLAGES OF ARLINGTON HEIGHTS AND MOUNT PROSPECT.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE RESIDENT ENGINEER.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- FOR FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, REUSE EXISTING FRAME AND LID UNLESS OTHERWISE SPECIFIED IN THE PLANS.
- THE CONTRACTOR SHALL CONTACT DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE ENGINEER SHALL CONTACT CORY JUCIUS, ARTERIAL TRAFFIC FIELD ENGINEER, AT CORY.JUCIUS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)".
- WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES (40 mm) WHERE THE SPEED LIMIT IS 45 MPH (80 km/h) OR LESS AND 1 INCH (25 mm) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 km/h). WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- LANDSCAPED AREAS AFFECTED BY SIDEWALK CONSTRUCTION SHALL BE RESTORED WITH 18" WIDE STRIP OF "SODDING, SALT TOLERANT" AND "TOPSOIL FURNISH AND PLACE, 4-INCH" INSTALLED FROM THE BACK OF THE SIDEWALK, OR AS DETERMINED BY THE RESIDENT ENGINEER.
- PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE RESIDENT ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
- LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)), WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED INCLUDING PREVIOUSLY SEEDED AREAS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
- WITH RAILROAD ENTRY PERMIT AND INSURANCE PROVIDED, EXISTING HMA ROADWAY SHALL BE MILLED AND RESURFACED TO THE EDGE OF THE RAILROAD PANEL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY DETECTOR LOOPS DAMAGED DURING CONSTRUCTION.

URBAN

URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021	0021	0021	0021	0005
				80% FED 20% STATE	80% FED 20% VILLAGE	100% VILLAGE	100% VILLAGE	100% VILLAGE	100% VILLAGE
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNAL ACTUAL	TRAFFIC SIGNAL INT PROSPECT	ROADWAY
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	1	1					
20200100	EARTH EXCAVATION	CU YD	219	219					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	2162	2162					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	30	30					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	27	27					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	30	30					
25200110	SODDING, SALT TOLERANT	SO YD	2162	2162					
25200200	SUPPLEMENTAL WATERING	UNIT	71	71					
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	65	65					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	71780	69917					1863
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	156	156					
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	209						209
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	5664	5664					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1367	1367					
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	338	338					

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021	0021	0021	0021	0005
				80% FED 20% STATE	80% FED 20% VILLAGE	100% VILLAGE	100% VILLAGE	100% VILLAGE	100% VILLAGE
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNAL ACTUAL	TRAFFIC SIGNAL INT PROSPECT	ROADWAY
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	8	8					
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	418						418
40603365	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	11535	11535					
42001300	PROTECTIVE COAT	SO YD	2877	2823	54				
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	325	325					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	18551	18140	411				
42400800	DETECTABLE WARNINGS	SO FT	556	556					
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SO YD	106709	102983					3726
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	390	390					
44000300	CURB REMOVAL	FOOT	448	448					
44000600	SIDEWALK REMOVAL	SO FT	18127	18127					
44002212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SO YD	2093	2093					
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	1280	1280					
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	320	320					

FILE NAME =
 USER NAME = DEFEIV
 DESIGNED -
 REVISIONS -
 CHECKED -
 DATE -

DESIGNED -
 REVISIONS -
 CHECKED -
 DATE -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CENTRAL ROAD - ARLINGTON HEIGHTS RD. TO US 12/RAND RD.
 SUMMARY OF QUANTITIES

F.A.L. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 1300 (1618 & 1819.1) RS COOK 107 3
 CONTRACT NO. 62D20
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

14

13

* = SPECIALTY ITEMS
 Δ = NON-PARTICIPATING WORK (100% STATE)

URBAN

URBAN

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
ITEM	UNIT	TOTAL QUANTITIES	0005	0021	0021	0021	0021	0005	
			80% FED	80% FED	100%	100%	100%		
			20% STATE	20% VILLAGE	VILLAGE	VILLAGE	VILLAGE		
			ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNAL ARTHUR	TRAFFIC SIGNAL MT PROSPECT	ROADWAY	
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	393	393					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	11	11					
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2					
60253000	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1					
60255500	MANHOLES TO BE ADJUSTED	EACH	14	14					
60260100	INLETS TO BE ADJUSTED	EACH	2	2					
60263000	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1					
60266600	VALVE BOXES TO BE ADJUSTED	EACH	5	5					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	30	30					
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	15	15					
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	80	80					
60600605	CONCRETE CURB, TYPE B	FOOT	415	415					
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	128				128		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	206	206					
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5					

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021	0021	0021	0021	0005
				80% FED	80% FED	100%	100%	100%	
				20% STATE	20% VILLAGE	VILLAGE	VILLAGE	VILLAGE	
			ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNAL ARTHUR	TRAFFIC SIGNAL MT PROSPECT	ROADWAY	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12					
67100100	MOBILIZATION	LSUM	1	1					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1					
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1	1					
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LSUM	1	1					
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	LSUM	1	1					
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	LSUM	1	1					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	65435	65435					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	21812	21812					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	1718	1718					

* = SPECIALTY ITEMS
 Δ = NON-PARTICIPATING WORK (100% STATE)

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FILE NAME =	USER NAME = DEFEVY	DESIGNED -	REVISED -
OFFICE = DISTRICT 1 PROJECTS	PROJECT = 43815/CADD/DESIGN/43815	CHECKED -	REVISED -
PLOT SCALE = 100,000' / 1"	DATE -	DATE -	REVISED -
PLOT DATE = 2/2/2019			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CENTRAL ROAD - ARLINGTON HEIGHTS RD. TO US 12/RAND RD.
 SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819) RS	COOK	107	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	

REV

URBAN

URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE							
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021	0021	0021	0021	0005	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021	0021	0021	0021	0005
				80% FED 20% STATE ROADWAY	80% FED 20% VILLAGE SIDEWALK	100% VILLAGE SIDEWALK	100% VILLAGE	100% VILLAGE	100% VILLAGE					80% FED 20% STATE ROADWAY	80% FED 20% VILLAGE SIDEWALK	100% VILLAGE SIDEWALK	100% VILLAGE	100% VILLAGE	100% VILLAGE
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	41512	41512						* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1716	1716					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	8854	8854						* 78008230	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6"	FOOT	430	430					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	3813	3813						* 78300200	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1560	1560					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1704	1704							REMOVAL								
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SO FT	1827	1827						* 78008250	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12"	FOOT	132	132					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	16359	16359						* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL	EACH	11	9			1	1	
* 72000100	SIGN PANEL - TYPE I	SG FT	28.5					7.5	21		INSTALLATION								
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2						* 78008270	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"	FOOT	34	34					
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2						2	* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	6046	5827					219
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2						* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA	FOOT	18				18		
* 72400310	REMOVE SIGN PANEL - TYPE I	SG FT	5						5	* 89500400	RELOCATE EXISTING PEDESTRIAN	EACH	28	27			1		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	1929	1718					211		PUSH-BUTTON								
72900100	METAL POST - TYPE A	FOOT	30						30	* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA	FOOT	36					36	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	43281	41512					1769	* 89502376	REBUILD EXISTING HANDHOLE	EACH	20	18			1	1	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	8854	8854						* 85100600	PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	1					1	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3813	3813						X0320050	CONSTRUCTION LAYOUT (SPECIAL)	LSUM	1	1					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1808	1704					104	* 87300010	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	1					1	
										X0326144	TACTILE/DETECTABLE WARNING SURFACE	SO FT	1080			1080			
										* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1094				1094		
										X0326863	BRICK SIDEWALK	SO FT	5407			5407			
										* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1143				1143		
										X0326864	BRICK SIDEWALK REMOVAL	SO FT	6889	6889					
										* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	210					210	
										X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	114	114					
										* 87301400	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	102				36	66	
										* X4240800	DETECTABLE WARNINGS (SPECIAL)	SO FT	570			570			
										* 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT	EACH	2				2		
										△ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	2000	2000					
										* 87700180	STEEL MAST ARM ASSEMBLY AND POLE, 25 FT	EACH	1					1	
										X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	210	210					

* = SPECIALTY ITEMS
 △ = NON-PARTICIPATING WORK (100% STATE)

FILE NAME =	USER NAME = DEFEVY	DESIGNED -	REVISED -
OFFICE/DISTRICT/PROJECT/DATE/SCALE/PLANT/DATE	OFFICE/DISTRICT/PROJECT/DATE/SCALE/PLANT/DATE	CHECKED -	REVISED -
PLANT SCALE = 100,000' / 1"	PLANT DATE = 2/2/2008	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CENTRAL ROAD - ARLINGTON HEIGHTS RD. TO US 12/RAND RD.

SUMMARY OF QUANTITIES

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

F.A.L. RTE. 1300	SECTION (1618 & 1819.1) RS	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 5
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

URBAN

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE							SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021	0021	0021	0021	0005	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021	0021	0021	0021	0005		
				80% FED 20% STATE	80% FED 20% VILLAGE	100% VILLAGE	100% VILLAGE	100% VILLAGE	100% VILLAGE					80% FED 20% STATE	80% FED 20% VILLAGE	100% VILLAGE	100% VILLAGE	100% VILLAGE	100% VILLAGE		
				ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNAL ARTHUR	TRAFFIC SIGNAL MT PROSPECT	ROADWAY					ROADWAY	SIDEWALK	SIDEWALK	TRAFFIC SIGNAL ARTHUR	TRAFFIC SIGNAL MT PROSPECT	ROADWAY		
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	31963	31963						* 88800100	PEDESTRIAN PUSH BUTTON	EACH	6					6			
X8950205	REBUILD EXISTING HANDHOLE, SPECIAL	EACH	1	1						* 89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1					1			
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	8825	8825						* 89502200	MODIFY EXISTING CONTROLLER	EACH	1					1			
△ Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	210	210						* 89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	2					1	1		
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4						* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	130					130			
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1						X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	128						128		
① Z0076000	TRAINEES	HOURL	500	500						Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1					1			
② Z0076004	TRAINEES - TRAINING PROGRAM GRADUATE	HOURL	500	500																	
* 87500100	CONCRETE FOUNDATION, TYPE A	FOOT	8				8														
* 87500400	CONCRETE FOUNDATION, TYPE E 30 INCH DIAMETER	FOOT	10					10													
* 87900200	DRILL EXISTING HANDHOLE	EACH	3				2	1													
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3 SECTION MAST-ARM MOUNTED	EACH	2					2													
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6				6														
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOWERED, FORMED PLASTIC	EACH	2					2													
88600100	DETECTOR LOOP, TYPE 1	FOOT	726					726													

* = SPECIALTY ITEMS
 △ = NON-PARTICIPATING WORK (100% STATE)

FILE NAME =	USER NAME = DEFEXY	DESIGNED -	REVISED -
PROJECT =	PROJECT =	CHECKED -	REVISED -
PLOT SCALE = 100,000' / 1" =	PLOT DATE = 2/2/2018	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CENTRAL ROAD - ARLINGTON HEIGHTS RD. TO US 12RAND RD.
 SUMMARY OF QUANTITIES

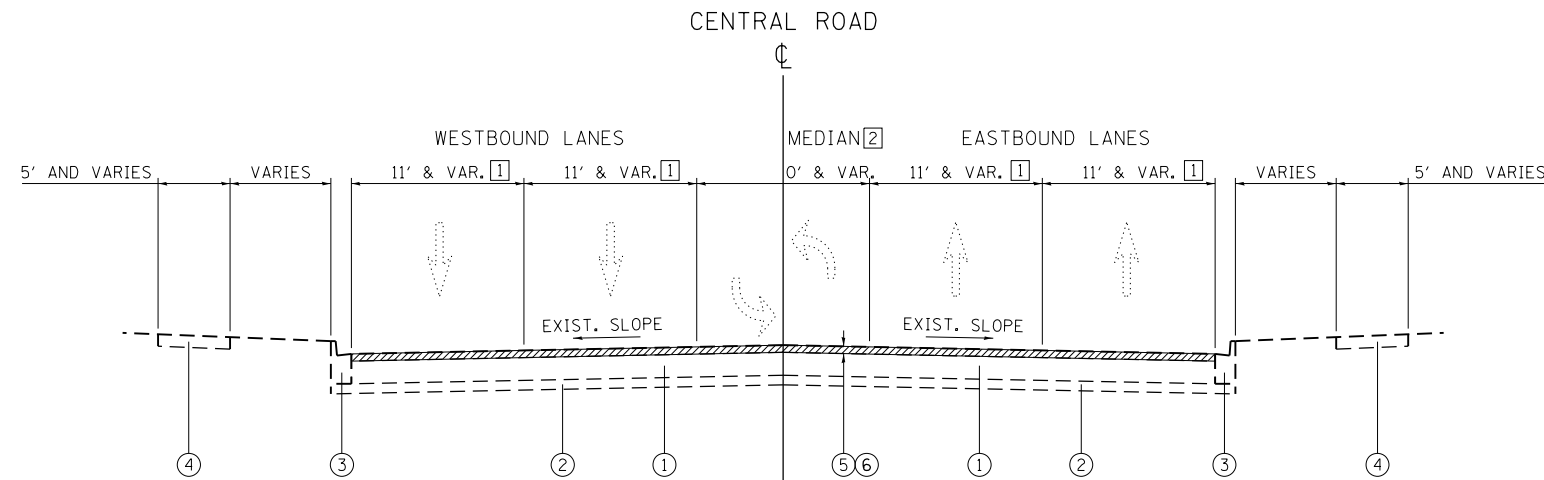
F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.) RS	COOK	107	6
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

REN

- 1 = 12' LANE WIDTH, STA. 26+53 TO STA. 32+92, STA. 40+53 TO STA. 63+73
- 2 = EXISTING RAISED-CURB MEDIAN, STA. 3+16.4 TO STA. 4+10, STA. 5+72 TO STA. 11+28, STA. 65+90 TO STA. 67+10, STA. 102+51 TO 103+00, STA. 103+87 TO 104+30, STA. 163+86 TO STA. 164+69.5
- 3 = OMISSION, STA. 103+06.7 TO STA. 103+80.1 OMISSION, STA. 121+71.8 TO STA. 122+69.3
- 4 = LOCATIONS DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER
- 5 = FOR PROPOSED CURB RAMP IMPROVEMENTS, SEE "ADA RAMP DETAILS"

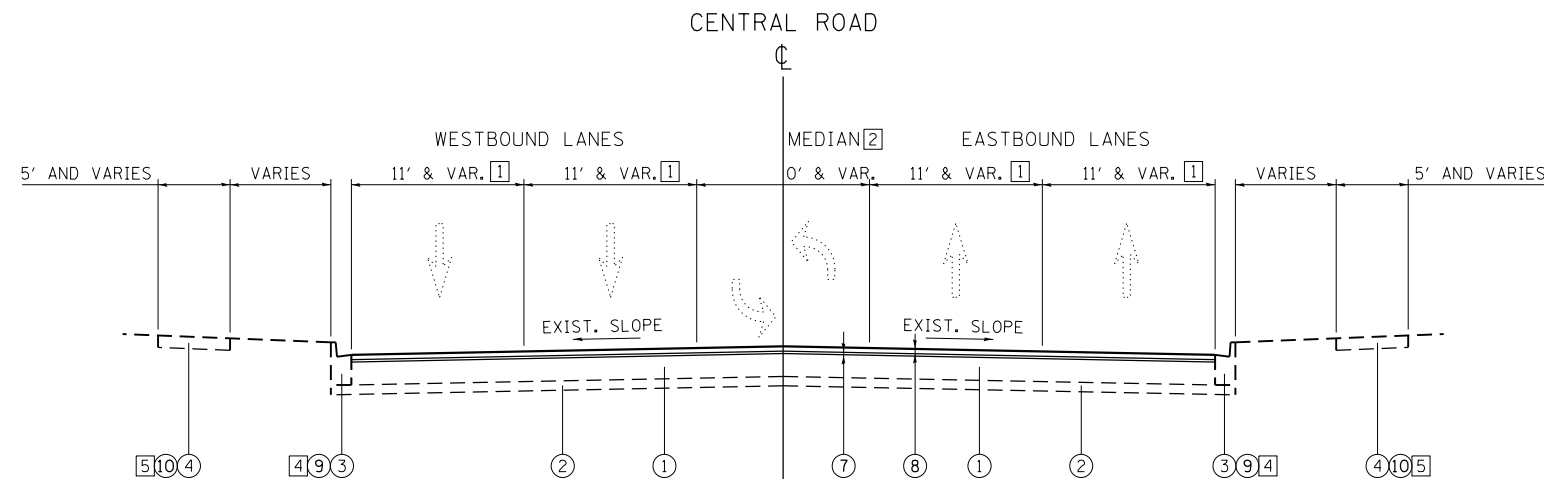
LEGEND:

1. EXISTING P.C.C PAVEMENT, ±10"
2. EXISTING SUB-BASE, 4"
3. EXISTING COM. CONC. CURB & GUTTER
4. EXISTING PCC SIDEWALK, 5' AND VARIES
5. EXISTING HMA PAVEMENT, ±3"
6. PROPOSED HMA SURFACE REMOVAL, 3"
7. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (1")
8. PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "E", N70 (2")
9. PROPOSED COM. CONC. CURB & GUTTER REMOVAL AND REPLACEMENT
10. PROPOSED ADA CURB RAMPS



EXISTING TYPICAL SECTION

STA. 3+16.4 (PROJECT BEGINS) TO STA. 164+69.5 (PROJECTS ENDS) 3
LOOKING EAST



PROPOSED TYPICAL SECTION

STA. 3+16.4 (PROJECT BEGINS) TO STA. 164+69.5 (PROJECTS ENDS) 3
LOOKING EAST

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, (IL-9.5 mm)	4% AT 70 GYR.	PFP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% AT 50 GYR.	QCP
DRIVEWAYS		
HMA SURFACE COURSE, MIX "D", N50, (IL-9.5 mm); 2"	4% AT 50 GYR.	QC/OA
HMA BASE COURSE (HMA BINDER IL-19 mm); PE - 6"	4% AT 70 GYR.	QC/OA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm), 10"	4% AT 70 GYR.	QC/OA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% AT 70 GYR.	QC/OA
QMP DESIGNATION: QUALITY CONTROL/ QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
3. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
4. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

LOCATION			21101615	20200100	21101615	25000400	25000500	25000600	25200110	25200200	42001300	42400200	42400800	44000300	44000600	60250200	60253000	60255500	60260100	60266600	60600605	85000200	89500400	89502376	X0326144	X0326863	X0326864	X4240800	X8950205	Z0004562
CROSS STREET	CORNER	RAMP	TREE PRUNING (OVER 10 INCH DIAMETER)	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE, SIDEWALK 5 INCH	DETECTABLE WARNINGS	CURB REMOVAL	SIDEWALK REMOVAL	CATCH BASINS TO BE ADJUSTED	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE "I" FRAME, OPEN LID	MANHOLE'S TO BE ADJUSTED	INLETS TO BE ADJUSTED	VALVE BOXES TO BE ADJUSTED	CONCRETE CURB, TYPE B	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	REBUILD EXISTING HANDHOLE	TACTILE/DETECTABLE WARNING SURFACE EXISTING HANDHOLE	BRICK SIDEWALK	BRICK SIDEWALK REMOVAL	DETECTABLE WARNINGS (SPECIAL)	REBUILD EXISTING HANDHOLE, SPECIAL	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
			EACH	CU YD	SO YD	POUND	POUND	POUND	SO YD	UNIT	SO YD	SO FT	SO FT	FOOT	SO FT	EACH	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH	SO FT	SO FT	SO FT	SO FT	EACH	FOOT
Arlington Heights rd.	NW			2.8	18.4	0.2	0.2	0.2	18.4	0.9	42	277	33		277	1				1			1							41
Arlington Heights rd.	NE			2.5	0.0	0.0	0.0	0.0	0.0	0.0	36	253	43		253							1								27
Arlington Heights rd.	SE			3.1	19.9	0.2	0.2	0.2	19.9	1.0	41	299	28		315		1													27
Arlington Heights rd.	SW			1.9	12.6	0.2	0.2	0.2	12.6	0.6	28	190	27		190				1											25
S Pine Ave	SE			0.8	4.2	0.1	0.1	0.1	4.2	0.2	10	64	10		76															12
S Pine Ave	SW			2.4	15.2	0.2	0.2	0.2	15.2	0.8	29	228	10		235			1												12
S Belmont Ave	SE			1.1	7.5	0.1	0.1	0.1	7.5	0.4	16	113	10		124															12
S Belmont Ave	SW			1.2	7.7	0.1	0.1	0.1	7.7	0.4	16	116	10		118															12
S. Burton Pl.	NW			0.6	4.1	0.1	0.1	0.1	4.1	0.2	11	61	10		64															13
S. Burton Pl.	NE			1.3	8.7	0.1	0.1	0.1	8.7	0.4	18	130	10		130															13
S Haddow Ave.	SE			1.0	5.9	0.1	0.1	0.1	5.9	0.3	13	89	10		103															11
S Haddow Ave.	SW			1.4	7.9	0.1	0.1	0.1	7.9	0.4	16	119	10		137															11
S Douglas Ave.	SE			1.1	7.5	0.1	0.1	0.1	7.5	0.4	15	113	10		113															10
S Douglas Ave.	SW			2.0	13.1	0.2	0.2	0.2	13.1	0.7	25	196	10		196															10
S Beverly Ln.	NE			0.6	4.0	0.0	0.0	0.0	4.0	0.2	10	60	10		60															11
S Beverly Ln.	NW			0.8	5.6	0.1	0.1	0.1	5.6	0.3	12	84	10		84															10
Scarsdale Ct.	NW			3.6	23.8	0.3	0.3	0.3	23.8	1.2	45	357	26		365															20
Scarsdale Ct.	NE			1.1	7.3	0.1	0.1	0.1	7.3	0.4	16	110	17		112															15
S Dryden Pl.	NW			3.1	20.9	0.3	0.3	0.3	20.9	1.1	39	314	16		314															15
S Dryden Pl.	NE			1.3	8.7	0.1	0.1	0.1	8.7	0.4	18	130	10		130															11
S Audrey Ln.	SW			1.8	12.1	0.2	0.2	0.2	12.1	0.6	23	182	10		182															10
S Audrey Ln.	SE			1.5	10.1	0.1	0.1	0.1	10.1	0.5	20	152	10		152															10
S Cleveland Ave.	NW			1.7	11.1	0.1	0.1	0.1	11.1	0.6	21	167	10		167															10
S Cleveland Ave.	NE			1.5	10.3	0.1	0.1	0.1	10.3	0.5	20	154	10		154															10
Hatlen Ave.	SW			1.9	12.6	0.2	0.2	0.2	12.6	0.6	24	189	8		189															9
Hatlen Ave.	SE			1.8	12.3	0.2	0.2	0.2	12.3	0.6	23	184	8		184															9
S Arthur Ave.	NW			5.0	38.6	0.5	0.5	0.5	38.6	2.0	49	388	24		503	2														21
S Arthur Ave.	NE			3.5	26.3	0.3	0.3	0.3	26.3	1.3	38	294	24		354															18
S Arthur Ave.	SW			4.1	27.4	0.3	0.3	0.3	27.4	1.4	54	411	20		411	1			2											29
S Arthur Ave.	SE			2.3	15.4	0.2	0.2	0.2	15.4	0.8	32	232	20		232	1														23
US Robotics Dr.	NW			1.2	8.2	0.1	0.1	0.1	8.2	0.4	17	123	10		123															13
US Robotics Dr.	NE			2.0	13.4	0.2	0.2	0.2	13.4	0.7	27	201	20		201															18

TO BE CONTINUED, SEE NEXT PAGE

FILE NAME =	USER NAME = DEFEXV	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CENTRAL ROAD - ARLINGTON HEIGHTS RD. TO US 12/RAND RD. ADA RAMP DETAILS - SCHEDULE OF QUANTITIES	F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\143816\Design\143816-sh1-5-schedule.dgn		CHECKED -	REVISED -			1300	(1618 & 1819.1) RS	COOK	107	8	
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 62D20		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 3/9/2018					SCALE:	SHEET OF SHEETS	STA. TO STA.			

LOCATION			21101615	20200100	21101615	25000400	25000500	25000600	25200110	25200200	42001300	42400200	42400800	44000300	44000600	60250200	60253000	60255500	60260100	60266600	60600605	85000200	89500400	89502376	X0326144	X0326863	X0326864	X4240800	X8950205	Z0004562				
CROSS STREET	CORNER	RAMP	TREE PRUNING (OVER 10 INCH DIAMETER)	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE, SIDEWALK 5 INCH	DETECTABLE WARNINGS	CURB REMOVAL	SIDEWALK REMOVAL	CATCH BASINS TO BE ADJUSTED	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE "I" FRAME, OPEN LID	MANHOLES TO BE ADJUSTED	INLETS TO BE ADJUSTED	VALVE BOXES TO BE ADJUSTED	CONCRETE CURB, TYPE B	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	REBUILD EXISTING HANDHOLE	TACTILE/DETECTABLE WARNING SURFACE EXISTING HANDHOLE	BRICK SIDEWALK	BRICK SIDEWALK REMOVAL	DETECTABLE WARNINGS (SPECIAL)	REBUILD EXISTING HANDHOLE, SPECIAL	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT				
			EACH	CU YD	SO YD	POUND	POUND	POUND	SO YD	UNIT	SO YD	SO FT	SO FT	FOOT	SO FT	EACH	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH	SO FT	SO FT	SO FT	SO FT	EACH	FOOT				
Mount Prospect Public Works	NW			5.0	7.3	0.1	0.1	0.1	7.3	0.4	9			44			2				44		2	1		476.0	503.0	27.0		33				
Mount Prospect Public Works	NE			3.7	5.8	0.1	0.1	0.1	5.8	0.3	5			35							35					358.0	368.0	10.0		18				
Busse Rd.	SE			1.5	9.7	0.1	0.1	0.1	9.7	0.5	20	146			146								1		10					13				
Busse Rd.	SW			2.3	15.2	0.2	0.2	0.2	15.2	0.8	31	228	23		232			1												20				
Melas Ln.	NW			0.9	6.2	0.1	0.1	0.1	6.2	0.3	14	94			94										10					12				
Melas Ln.	NE			1.2	8.2	0.1	0.1	0.1	8.2	0.4	19	124			124	1				1					29					20				
Weller Ln.	SW			0.9	6.2	0.1	0.1	0.1	6.2	0.3	18	93	19		93															26				
Mid-block Central/Weller Ln.	N			2.4	16.2	0.2	0.2	0.2	16.2	0.8	31	243	20		243							1								15				
N Kenilworth Ave.	NE			3.3	24.9	0.3	0.3	0.3	24.9	1.3	32	264			331										10					10				
N Kenilworth Ave.	NW			1.8	12.0	0.1	0.1	0.1	12.0	0.6	23	180			180										10					10				
N Waverly Ave.	NW			2.3	15.3	0.2	0.2	0.2	15.3	0.8	28	230			230										10					10				
N Waverly Ave.	NE			1.7	11.3	0.1	0.1	0.1	11.3	0.6	22	170			170										10					10				
N Lancaster Ave.	NW			3.4	29.7	0.4	0.4	0.4	29.7	1.5	44	343			405										20					22				
N Lancaster Ave.	NE			1.8	11.9	0.1	0.1	0.1	11.9	0.6	25	179			179										20					19				
S We Go Trail	SE			4.0	27.6	0.3	0.3	0.3	27.6	1.4	47	369			397										20					20				
S We Go Trail	SW			1.2	8.2	0.1	0.1	0.1	8.2	0.4	19	123			123										20					20				
Cathy Ln.	NW			3.1	20.4	0.3	0.3	0.3	20.4	1.0	40	307			307								1		20					22				
Cathy Ln.	NE			0.6	4.3	0.1	0.1	0.1	4.3	0.2	10	64			64			1					1		10					10				
Cathy Ln.	SW			0.6	4.2	0.1	0.1	0.1	4.2	0.2	10	63			63									1	10					9				
S Cathy Ave.	SW			1.6	10.6	0.1	0.1	0.1	10.6	0.5	21	160			160										10					10				
S Cathy Ave.	SE			0.6	4.2	0.1	0.1	0.1	4.2	0.2	10	63			63										10					10				
S Wa Pella Ave.	SW			1.8	11.8	0.1	0.1	0.1	11.8	0.6	23	177			195										10					10				
S Wa Pella Ave.	SE			2.0	12.3	0.2	0.2	0.2	12.3	0.6	25	184			196					1					10					16				
Mid-block Central/Prospect Ave	N			3.4	17.3	0.2	0.2	0.2	17.3	0.9	40	260			272									1		1	1	69.0	71.0	14.0	39			
Mid-block Central/Prospect Ave Railroad	S			2.6	15.3	0.2	0.2	0.2	15.3	0.8	29	230			230										1		1	1	18.0	32.0	14.0	11		
	NW			0.5								52			52															14.0				
Northwest	NW (Median 1)										6.2			9.0																23.4	23.4	18		
Northwest	NW (Median 2)										5.7			10.0																29.4	29.4	16		
Northwest	NE										2.9														1					56.1	72.1	16.0	10	
Northwest	NW				8.7	0.2	0.1	0.2	8.7	0.5	11.0			68.0											1					285.4	319.7	34.3	12	
Northwest	SW				7.2	0.1	0.1	0.1	7.2	0.4	33.5			82.0											1					614.0	660.0	46.0	1	85
Northwest	NE										11.2																			264.2	276.2	12.0	39	
Northwest	SE										10.3														2	1				123.0	146.1	23.1	36	

TO BE CONTINUED, SEE NEXT PAGE

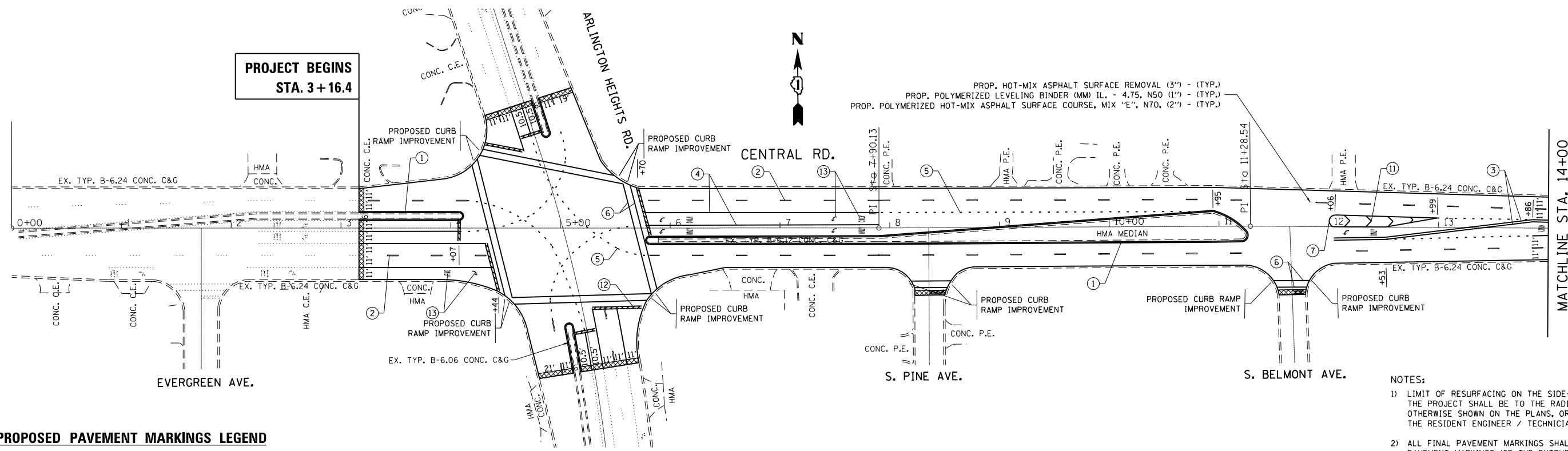
FILE NAME =	USER NAME = DEFEXV	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CENTRAL ROAD - ARLINGTON HEIGHTS RD. TO US 12/RAND RD. ADA RAMP DETAILS - SCHEDULE OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\143816\Design\143816-sh1-5-schedule.dgn		CHECKED -	REVISED -			1300	(1618 & 1819.1) RS	COOK	107	9	
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 62D20			ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/9/2018					SCALE:	SHEET OF SHEETS	STA.	TO STA.		

LOCATION			21101615	20200100	21101615	25000400	25000500	25000600	25200110	25200200	42001300	42400200	42400800	44000300	44000600	60250200	60253000	60255500	60260100	60266600	60600605	85000200	89500400	89502376	X0326144	X0326863	X0326864	X4240800	X8950205	Z0004562
CROSS STREET	CORNER	RAMP	TREE PRUNING (OVER 10 INCH DIAMETER)	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE, SIDEWALK 5 INCH	DETECTABLE WARNINGS	CURB REMOVAL	SIDEWALK REMOVAL	CATCH BASINS TO BE ADJUSTED	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE "I" FRAME, OPEN LID	MANHOLES TO BE ADJUSTED	INLETS TO BE ADJUSTED	VALVE BOXES TO BE ADJUSTED	CONCRETE CURB, TYPE B	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	REBUILD EXISTING HANDHOLE	TACTILE/DETECTABLE WARNING SURFACE EXISTING HANDHOLE	BRICK SIDEWALK	BRICK SIDEWALK REMOVAL	DETECTABLE WARNINGS (SPECIAL)	REBUILD EXISTING HANDHOLE, SPECIAL	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
			EACH	CU YD	SO YD	POUND	POUND	POUND	SO YD	UNIT	SO YD	SO FT	SO FT	FOOT	SO FT	EACH	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH	SO FT	SO FT	SO FT	SO FT	EACH	FOOT
N Elmhurst Ave.	NW			2.1							11			26							26					198.0	208.0	10.0		13
N Elmhurst Ave.	NE			1.4	2.3	0.03	0.03	0.03	2.3	0.1	8			14							14					131.0	141.0	10.0		14
S Elmhurst Ave.	SW			1.7	3.8	0.05	0.05	0.05	3.8	0.2	9			23							21					164.0	174.0	10.0		12
S Elmhurst Ave.	SE			1.5							3							1								135.0	145.0	10.0		11
N Ridge Ave	NE			0.5	0.4	0.1	0.0	0.1	0.4	0.1	14.7	50.0		10.0	50.0						10					123.7	145.0	21.3		28
N Ridge Ave	NW			0.8							17.5	75.0		10.0	75.0	1					10					125.3	147.0	21.7		28
N Pine St	NE			0.3	0.8	0.1	0.0	0.1	0.8	0.1	12.1	25.0		14.0	25.0						14					114.6	134.6	20.0		27
N Pine St	NW			0.5	7.3	0.1	0.1	0.1	7.3	0.4	21.6	50.0		23.0	93.0						23					224.1	249.2	25.1		47
S Pine St	SE				0.8	0.1	0.0	0.1	0.8	0.1	10.3															205.0	225.0	20.0		36
S Pine St	SW				2.0	0.1	0.0	0.1	2.0	0.2	9.3			11.0							11					157.4	183.4	26.0		28
S Willie St	NE				2.7	0.1	0.0	0.1	2.7	0.2	11.0			11.0							11					141.1	161.1	20.0		34
S Willie St	NW			0.3	4.2	0.1	0.1	0.1	4.2	0.3	17.4	25.0		10.0	25.0			1			10					146.0	166.0	20.0		47
S Willie St	SE				1.7	0.1	0.0	0.1	1.7	0.1	8.6															200.7	220.7	20.0		30
S Willie St	SW								7.3					17.0							17					135.3	150.4	15.1		19
N Emerson St	NE			0.8	7.5	0.1	0.1	0.1	7.5	0.4	16.7	75.0		75.0												200.7	220.7	20.0		29
N Emerson St	NW				3.2	0.1	0.0	0.1	3.2	0.2	8.3							1								189.2	209.2	20.0		29
S Emerson St	SE								7.7										1					1		171.8	191.8	20.0		27
S Emerson St	SW				3.0	0.1	0.0	0.1	3.0	0.2	11.8															350.8	377.9	27.1		41
N Mapple St	NE			2.7	14.8	0.2	0.2	0.2	14.8	0.8	34.7	260.7		237.8							1					23	22.9			20
N Mapple St	NW			3.5	10.3	0.2	0.1	0.2	10.3	0.6	50.8	343.9		343.9				1							25					44
S Mapple St	SE			3.2	17.3	0.3	0.2	0.3	17.3	0.9	42.0	313.6		285.3											29		28.3			25
S Mapple St	SW			2.1	6.3	0.1	0.1	0.1	6.3	0.4	31.4	205.0		205.0											27					30
N Elm St	NE			0.9	3.5	0.1	0.0	0.1	3.5	0.2	14.2	84.2		50.3											20		33.9			17
N Elm St	NW			1.9	9.3	0.2	0.1	0.2	9.3	0.5	25.3	181.3		148.5											25		32.9			18
S Elm St	SE			2.9	16.5	0.3	0.2	0.3	16.5	0.9	38.2	289.9		265.6											24		24.3			21
S Elm St	SW			2.2	54.0	0.7	0.7	0.7	54.0	2.8	30.0	208.2		176.5											20		31.7			24
N School St	NE			1.7	7.8	0.1	0.1	0.1	7.8	0.4	28.1	167.9		131.8											20		36.1			33
N School St	NW			2.7	12.7	0.2	0.2	0.2	12.7	0.7	39.0	263.5		229.3											20		34.3			34
S School St	SE			2.1	8.3	0.2	0.1	0.2	8.3	0.5	30.0	205.2		162.9											20		42.3			25
S School St	SW			1.4	5.5	0.1	0.1	0.1	5.5	0.3	22.1	137.1		93.4											20		43.7			24

TO BE CONTINUED, SEE NEXT PAGE

FILE NAME =	USER NAME = DEFEXV	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CENTRAL ROAD - ARLINGTON HEIGHTS RD. TO US 12/RAND RD. ADA RAMP DETAILS - SCHEDULE OF QUANTITIES	F.A.U. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\1\084EBIDINTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\1438\Drawings\Design\143816-sh1-5-schedule.dgn	PLLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			1300	(1618 & 1819.1) RS	COOK	107	10	
Default	PLLOT DATE = 3/9/2018	DATE -	REVISED -			CONTRACT NO. 62D20					
						SCALE:	SHEET	OF	SHEETS	STA.	TO

LOCATION			21101615	20200100	21101615	25000400	25000500	25000600	25200110	25200200	42001300	42400200	42400800	44000300	44000600	60250200	60253000	60255500	60260100	60266600	60600605	85000200	89500400	89502376	X0326144	X0326863	X0326864	X4240800	X8950205	Z0004562
CROSS STREET	CORNER	RAMP	TREE PRUNING (OVER 10 INCH DIAMETER)	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE, SIDEWALK 5 INCH	DETECTABLE WARNINGS	CURB REMOVAL	SIDEWALK REMOVAL	CATCH BASINS TO BE ADJUSTED	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE "I" FRAME, OPEN LID	MANHOLES TO BE ADJUSTED	INLETS TO BE ADJUSTED	VALVE BOXES TO BE ADJUSTED	CONCRETE CURB, TYPE B	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	REBUILD EXISTING HANDHOLE	TACTILE/DETECTABLE WARNING SURFACE EXISTING HANDHOLE	BRICK SIDEWALK	BRICK SIDEWALK REMOVAL	DETECTABLE WARNINGS (SPECIAL)	REBUILD EXISTING HANDHOLE, SPECIAL	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
			EACH	CU YD	SO YD	POUND	POUND	POUND	SO YD	UNIT	SO YD	SO FT	SO FT	FOOT	SO FT	EACH	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH	SO FT	SO FT	SO FT	SO FT	EACH	FOOT
N Owen St	NE			2.4	9.7	0.2	0.1	0.2	9.7	0.5	37.4	264.4			223.6							1			20		40.8			28
N Owen St	NW			2.5	9.8	0.2	0.1	0.2	9.8	0.6	36.0	243.5			222.0							1			20		21.5			31
S Owen St	SE			2.6	7.5	0.1	0.1	0.1	7.5	0.4	41.8	283.3			243.9							1			26		39.5			36
S Owen St	SW			2.6	8.7	0.2	0.1	0.2	8.7	0.5	38.4	262.5			225.4	1						1			22		37.1			32
N William St	NE			2.0	7.8	0.1	0.1	0.1	7.8	0.4	28.9	192.8			144.3										20		48.5			26
N William St	NW			2.2	8.0	0.1	0.1	0.1	8.0	0.5	31.2	211.3			167.2										20		44.1			27
S William St	SE			1.8	5.7	0.1	0.1	0.1	5.7	0.3	29.2	177.8			160.2										20		17.6			33
S William St	SW			2.6	10.8	0.2	0.1	0.2	10.8	0.6	37.3	253.2			253.2	1									20		0.0			32
N Louis St	NE			1.1	2.5	0.1	0.0	0.1	2.5	0.2	18.1	100.5			79.4										20		21.2			24
N Louis St	NW			1.4	3.0	0.1	0.0	0.1	3.0	0.2	22.3	131.3			106.3										20		25.0			27
S Louis St	SE			1.5	6.8	0.1	0.1	0.1	6.8	0.4	25.8	149.1			107.8	1									20		41.4			32
S Louis St	SW		1	1.6	7.2	0.1	0.1	0.1	7.2	0.4	26.5	155.8			119.8										20		36.0			32
N Edward St	NE			1.8	6.3	0.1	0.1	0.1	6.3	0.4	27.2	177.4			177.4										20		0.0			26
N Edward St	NW			1.9	6.3	0.1	0.1	0.1	6.3	0.4	27.5	180.1			180.1										20		0.0			26
S Edward St	SE			1.5	6.7	0.1	0.1	0.1	6.7	0.4	25.0	145.0			106.7										20		38.3			31
S Edward St	SW			1.6	7.0	0.1	0.1	0.1	7.0	0.4	26.0	151.1			111.1										20		40.0			32
S George St	SE			0.9	4.3	0.1	0.1	0.1	4.3	0.3	12.3	87.1			72.8										10		14.3			9
S George St	SW			0.8	3.3	0.1	0.0	0.1	3.3	0.2	11.1	71.1			49.4										10		21.7			11
N Albert St.	NE			1.8	7.2	0.1	0.1	0.1	7.2	0.4	26.0	177.3			177.3										20		0.0			22
N Albert St.	NW			1.6	7.2	0.1	0.1	0.1	7.2	0.4	23.0	157.5			124.0										20		33.5			19
S Albert St.	SE			2.5	12.0	0.2	0.1	0.2	12.0	0.7	34.0	243.8			207.7	1									30		36.1			24
S Albert St.	SW			2.8	15.0	0.2	0.2	0.2	15.0	0.8	36.5	274.6			245.0										26		29.6			21
Mt Prospect Rd.	NE			2.7	6.0	0.1	0.1	0.1	6.0	0.4	51.9	348.7	31.0		348.7									1	1	20		0.0		46
Mt Prospect Rd.	NW			2.6	9.0	0.2	0.1	0.2	9.0	0.5	40.1	258.0			236.8										1		17		21.2	40
Mt Prospect Rd.	SW			3.0	15.5	0.2	0.2	0.2	15.5	0.8	39.5	290.7			290.7										1		31			25
Mt Prospect Rd.	S (Median)			1.6							31.3	160.0			160.0										1		36			47
Mt Prospect Rd.	SE			1.3	8.0	0.1	0.1	0.1	8.0	0.5	17.6	127.5			127.5										1		10			12
ADDITIONAL QUANTITIES PER BD-24 "CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT"					1022	13	13	13	1022	10																				6130
TOTAL =				206	2,162	30	27	30	2,162	71	2,877	18,551	556	448	18,127	11	1	14	2	5	415	9	28	18	1,080	5,407	6,889	570	1	8,825



**PROJECT BEGINS
STA. 3+16.4**

PROP. HOT-MIX ASPHALT SURFACE REMOVAL (3") - (TYP.)
PROP. POLYMERIZED LEVELING BINDER (MM) IL. - 4.75, N50 (1") - (TYP.)
PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, (2") - (TYP.)

MATCHLINE STA. 14+00

PROPOSED PAVEMENT MARKINGS LEGEND

- ① THERMOPLASTIC PVMT. MARKING LINE 4", SOLID, YELLOW - EDGE LINE (TYP.)
- ② THERMOPLASTIC PVMT. MARKING LINE 4", SKIP-DASH, WHITE, 10' LINE - 30' SPACE - LANE LINES (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING LINE 6", SKIP-DASH, WHITE, 2' LINE - 6' SPACE - DOTTED LINES (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING LINE 6", 2 @ 6", SOLID, WHITE - CROSSWALK LINES (PEDESTRIAN) (TYP.)
- ⑦ THERMOPLASTIC PVMT. MARKING LINE 6", SOLID, WHITE - BORDER
- ⑧ THERMOPLASTIC PVMT. MARKING LINE 12", SOLID, YELLOW - PAINTED MEDIAN DIAGONALS (TYP.) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
- ⑨ THERMOPLASTIC PVMT. MARKING LINE 12", SOLID, WHITE - DIAGONALS (BIKE & EQUESTRIAN) (TYP.) (SEE DISTRICT DETAIL TC-13 FOR SPACING)

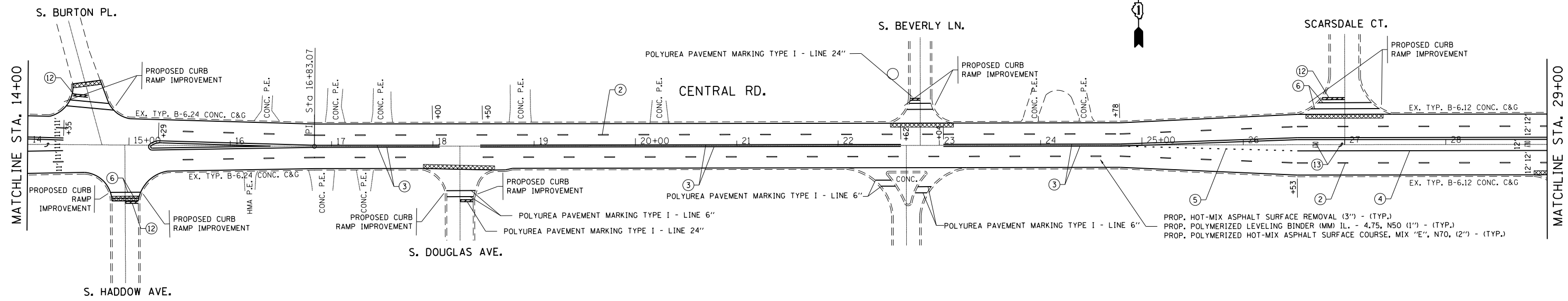
- ⑩ THERMOPLASTIC PVMT. MARKING LINE 12", SOLID, WHITE - CROSSWALK, LONGITUDINAL BARS (SCHOOL) (TYP.) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
- ⑪ THERMOPLASTIC PVMT. MARKING LINE 12", SOLID, CHEVRON WHITE - DIAGONAL, GORE MARKING, (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑫ THERMOPLASTIC PVMT. MARKING LINE 24", SOLID, WHITE - STOP LINES (TYP.)
- ⑬ THERMOPLASTIC PVMT. MARKING LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP.)
- ⑭ THERMOPLASTIC PVMT. MARKING LINE 4", 2 @ 4", SOLID, WHITE, 11" C-C

ROADWAY LEGEND

☒ HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

NOTES:

- 1) LIMIT OF RESURFACING ON THE SIDE-STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
- 2) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE).
- 3) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- 4) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
- 5) FOR PROPOSED CURB RAMP IMPROVEMENTS, SEE "ADA RAMP DETAILS".



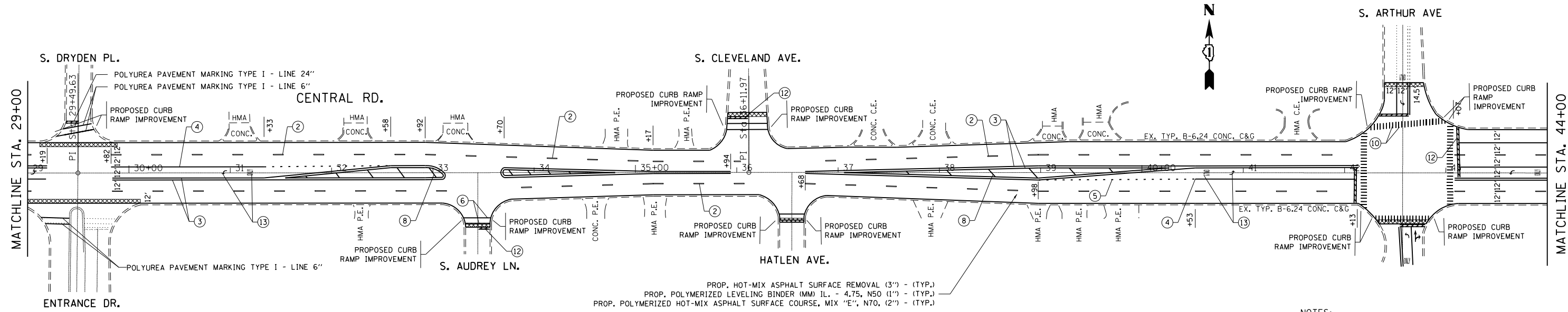
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CENTRAL ROAD - ARLINGTON HEIGHTS RD. TO US 12/RAND RD.
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: 1"=50' SHEET OF SHEETS STA. 3+16.4 TO STA. 29+00

F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819)RS	COOK	107	12
CONTRACT NO. 62D20				
ILLINOIS FED. AID PROJECT				



PROP. HOT-MIX ASPHALT SURFACE REMOVAL (3") - (TYP.)
 PROP. POLYMERIZED LEVELING BINDER (MM) IL. - 4.75, N50 (1") - (TYP.)
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, (2") - (TYP.)

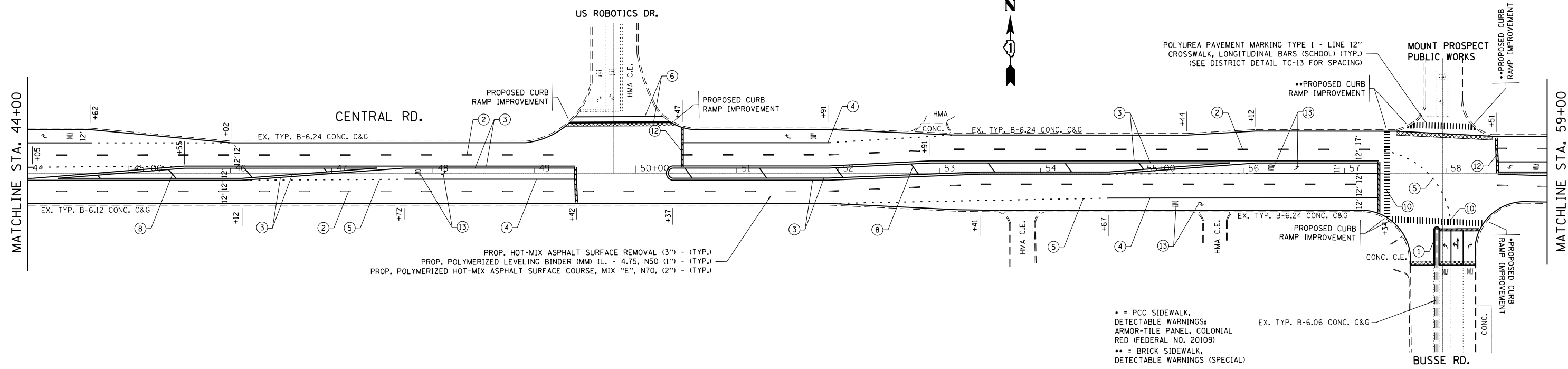
PROPOSED PAVEMENT MARKINGS LEGEND

- ① THERMOPLASTIC PVMT. MARKING LINE 4", SOLID, YELLOW - EDGE LINE (TYP.)
- ② THERMOPLASTIC PVMT. MARKING LINE 4", SKIP-DASH, WHITE, 10' LINE - 30' SPACE - LANE LINES (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING LINE 6", SKIP-DASH, WHITE, 2' LINE - 6' SPACE - DOTTED LINES (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING LINE 6", 2 @ 6", SOLID, WHITE - CROSSWALK LINES (PEDESTRIAN) (TYP.)
- ⑦ THERMOPLASTIC PVMT. MARKING LINE 6", SOLID, WHITE - BORDER
- ⑧ THERMOPLASTIC PVMT. MARKING LINE 12", SOLID, YELLOW - PAINTED MEDIAN DIAGONALS (TYP.) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
- ⑨ THERMOPLASTIC PVMT. MARKING LINE 12", SOLID, WHITE - DIAGONALS (BIKE & EQUESTRIAN) (TYP.) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
- ⑩ THERMOPLASTIC PVMT. MARKING LINE 12", SOLID, WHITE - CROSSWALK, LONGITUDINAL BARS (SCHOOL) (TYP.) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
- ⑪ THERMOPLASTIC PVMT. MARKING LINE 12", SOLID, CHEVRON WHITE - DIAGONAL, GORE MARKING, (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑫ THERMOPLASTIC PVMT. MARKING LINE 24", SOLID, WHITE - STOP LINES (TYP.)
- ⑬ THERMOPLASTIC PVMT. MARKING LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP.)
- ⑭ THERMOPLASTIC PVMT. MARKING LINE 4", 2 @ 4", SOLID, WHITE, 11" C-C

ROADWAY LEGEND

☒ HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

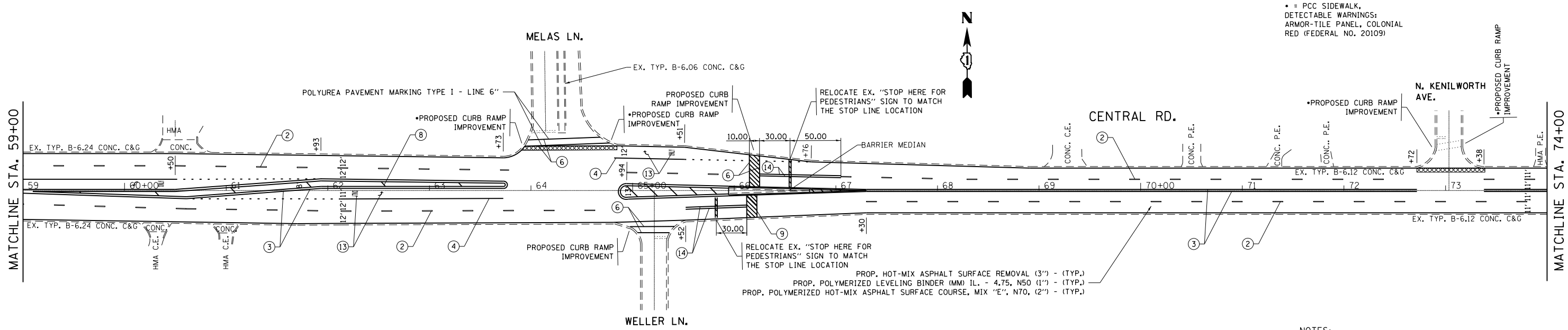
- NOTES:**
- 1) LIMIT OF RESURFACING ON THE SIDE- STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
 - 2) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE).
 - 3) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
 - 4) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
 - 5) FOR PROPOSED CURB RAMP IMPROVEMENTS, SEE "ADA RAMP DETAILS".



PROP. HOT-MIX ASPHALT SURFACE REMOVAL (3") - (TYP.)
 PROP. POLYMERIZED LEVELING BINDER (MM) IL. - 4.75, N50 (1") - (TYP.)
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, (2") - (TYP.)

- = PCC SIDEWALK, DETECTABLE WARNINGS: ARMOR-TILE PANEL, COLONIAL RED (FEDERAL NO. 20109)
- = BRICK SIDEWALK, DETECTABLE WARNINGS (SPECIAL)

FILE NAME =	USER NAME = DEFEXV	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CENTRAL ROAD - ARLINGTON HEIGHTS RD. TO US 12/RAND RD. ROADWAY AND PAVEMENT MARKING PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						1300	(1618 @ 1819)RS	COOK	107	13	
						CONTRACT NO. 62D20					
						ILLINOIS FED. AID PROJECT					
Default	PLOT DATE = 3/9/2018	DATE -	REVISED -	SCALE: 1"=50'	SHEET OF SHEETS	STA. 29+00	TO STA. 59+00				



• = PCC SIDEWALK,
DETECTABLE WARNINGS:
ARMOR-TILE PANEL, COLONIAL
RED (FEDERAL NO. 20109)

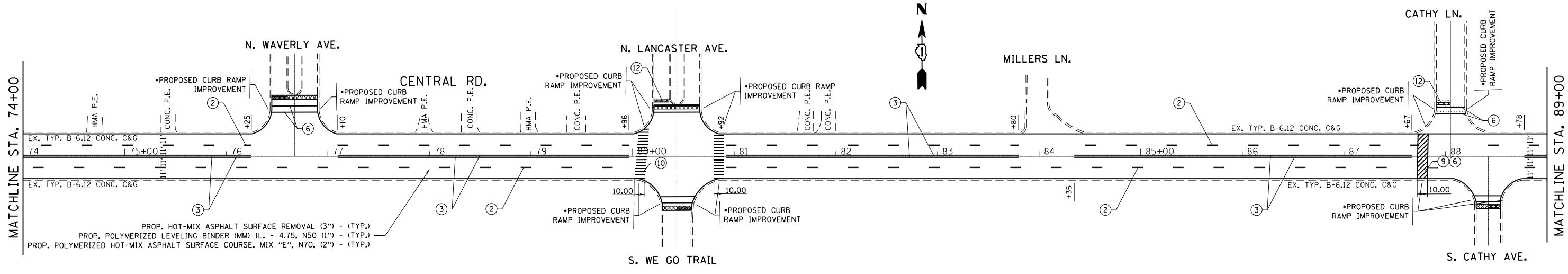
PROPOSED PAVEMENT MARKINGS LEGEND

- ① THERMOPLASTIC PVMT. MARKING LINE 4", SOLID, YELLOW - EDGE LINE (TYP.)
- ② THERMOPLASTIC PVMT. MARKING LINE 4", SKIP-DASH, WHITE, 10' LINE - 30' SPACE - LANE LINES (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING LINE 4", 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING LINE 6", SKIP-DASH, WHITE, 2' LINE - 6' SPACE - DOTTED LINES (TYP.)
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- ⑦ THERMOPLASTIC PVMT. MARKING LINE 6", SOLID, WHITE - BORDER
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- ⑨ THERMOPLASTIC PVMT. MARKING LINE 12", SOLID, WHITE - DIAGONALS (BIKE & EQUESTRIAN) (TYP.) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
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- ⑫ THERMOPLASTIC PVMT. MARKING LINE 24", SOLID, WHITE - STOP LINES (TYP.)
- ⑬ THERMOPLASTIC PVMT. MARKING LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP.)
- ⑭ THERMOPLASTIC PVMT. MARKING LINE 4", 2 @ 4", SOLID, WHITE, 11" C-C

ROADWAY LEGEND

☒ HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

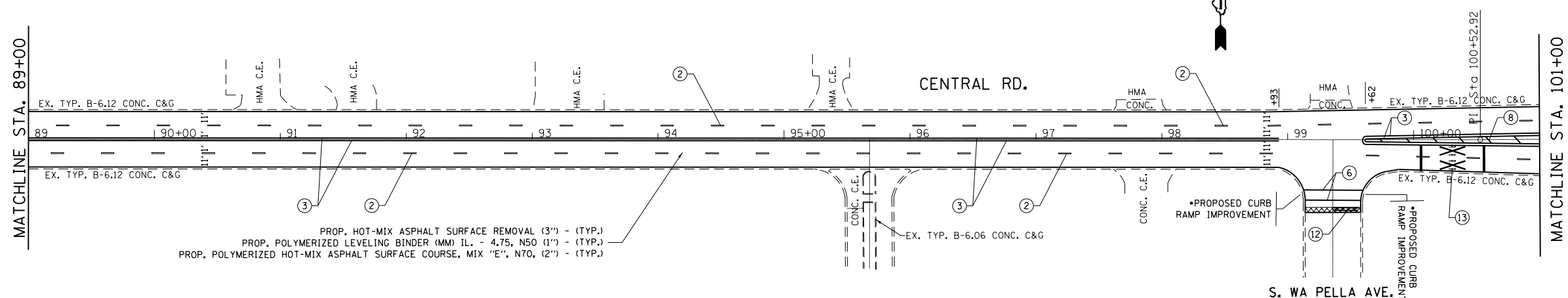
- NOTES:**
- 1) LIMIT OF RESURFACING ON THE SIDE-STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
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 - 5) FOR PROPOSED CURB RAMP IMPROVEMENTS, SEE "ADA RAMP DETAILS".



• = PCC SIDEWALK,
DETECTABLE WARNINGS:
ARMOR-TILE PANEL, COLONIAL
RED (FEDERAL NO. 20109)

FILE NAME =	USER NAME = DEFEXV	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CENTRAL ROAD - ARLINGTON HEIGHTS RD. TO US 12/RAND RD. ROADWAY AND PAVEMENT MARKING PLAN	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						1300	(1618 & 1819)RS	COOK	107	14	
						CONTRACT NO. 62D20					
						ILLINOIS FED. AID PROJECT					
Default	PLOT DATE = 3/9/2018	DATE -	REVISED -	SCALE: 1"=50'	SHEET OF SHEETS	STA. 59+00	TO STA. 89+00				

• = PCC SIDEWALK,
DETECTABLE WARNINGS:
ARMOR-TILE PANEL, COLONIAL
RED (FEDERAL NO. 20109)



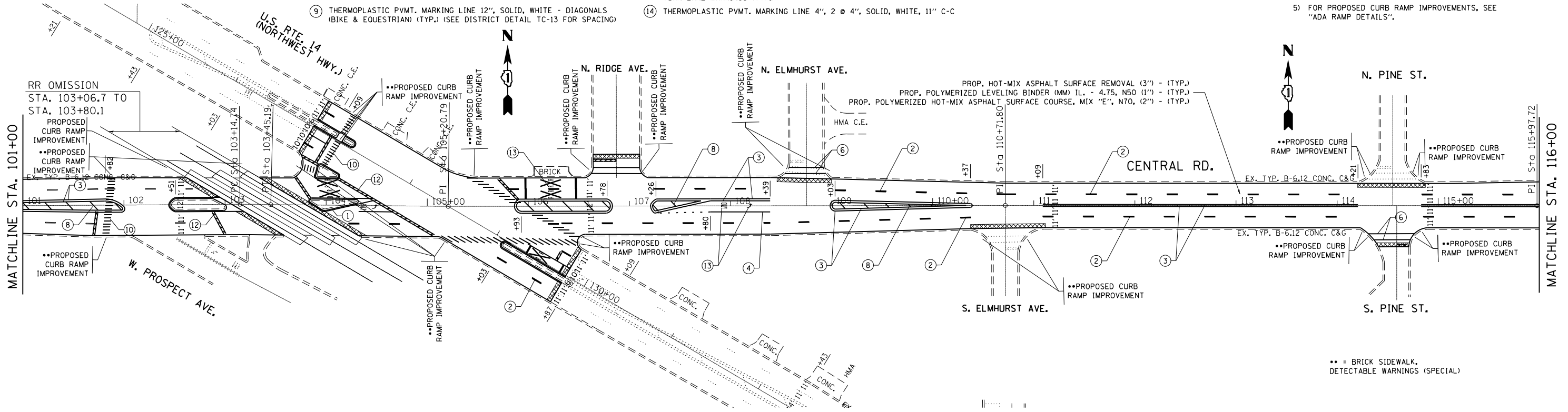
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ROADWAY LEGEND

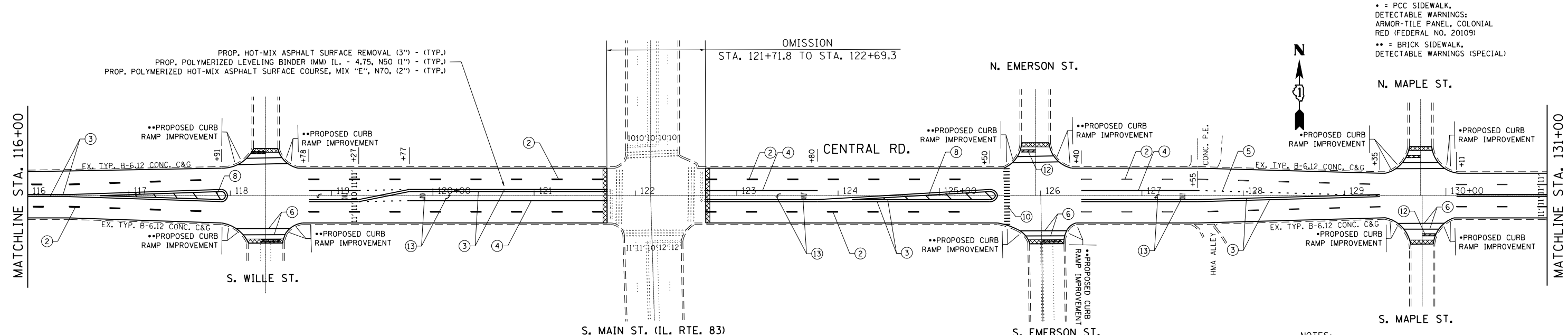
- ☒ HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

- NOTES:**
- LIMIT OF RESURFACING ON THE SIDE-STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
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 - FOR PROPOSED CURB RAMP IMPROVEMENTS, SEE "ADA RAMP DETAILS".



•• = BRICK SIDEWALK,
DETECTABLE WARNINGS (SPECIAL)

FILE NAME =	USER NAME = DEFEXV	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CENTRAL ROAD - ARLINGTON HEIGHTS RD. TO US 12/RAND RD. ROADWAY AND PAVEMENT MARKING PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\11084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\1438\Drawings\Design\143816-sh1-6-plan.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			1300	(1618 & 1819)RS	COOK	107	15	
Default	PLOT DATE = 3/9/2018	DATE -	REVISED -			CONTRACT NO. 62D20					
						ILLINOIS FED. AID PROJECT					



• = PCC SIDEWALK, DETECTABLE WARNINGS: ARMOR-TILE PANEL, COLONIAL RED (FEDERAL NO. 20109)
 •• = BRICK SIDEWALK, DETECTABLE WARNINGS (SPECIAL)

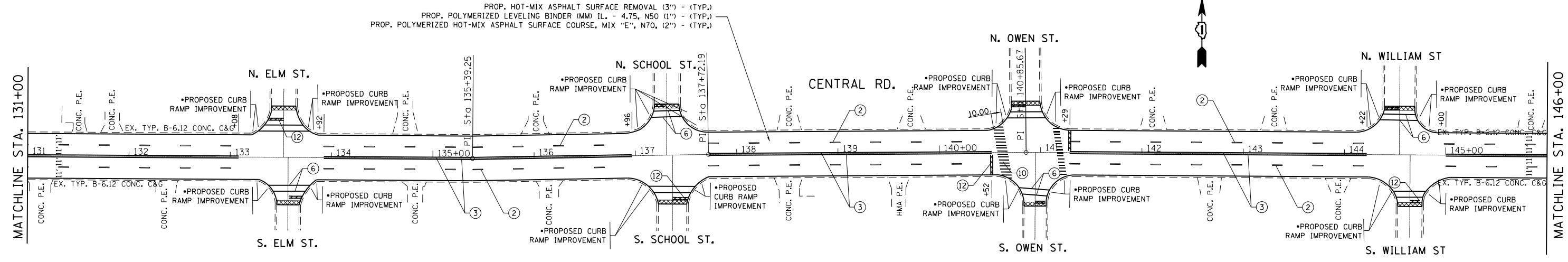
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ROADWAY LEGEND

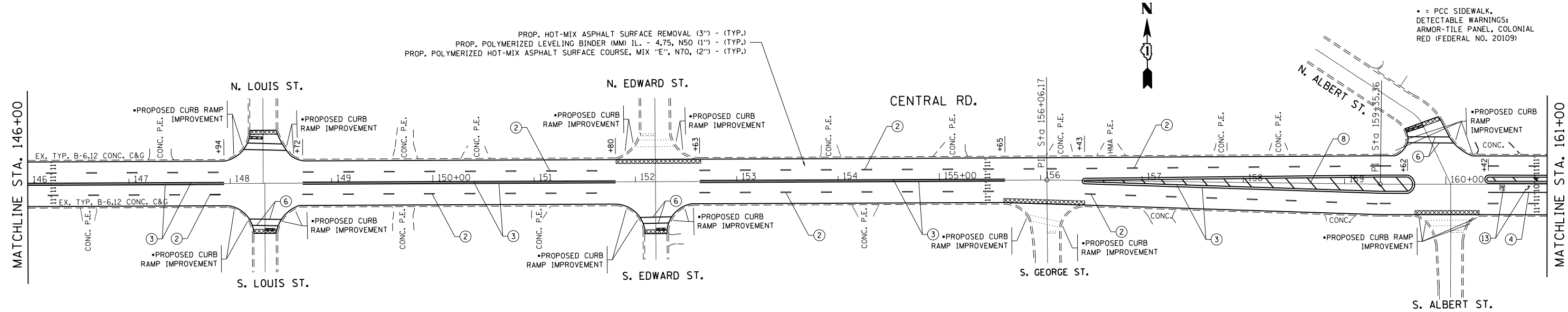
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FILE NAME =	USER NAME = DEFEXV	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CENTRAL ROAD - ARLINGTON HEIGHTS RD. TO US 12/RAND RD. ROADWAY AND PAVEMENT MARKING PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						1300	(1618 & 1819)RS	COOK	107	16	
						CONTRACT NO. 62D20					
						ILLINOIS FED. AID PROJECT					
Default	PLOT DATE = 2/2/2018	DATE -	REVISED -	SCALE: 1"=50'	SHEET OF SHEETS	STA. 116+00	TO STA. 146+00				



PROPOSED PAVEMENT MARKINGS LEGEND

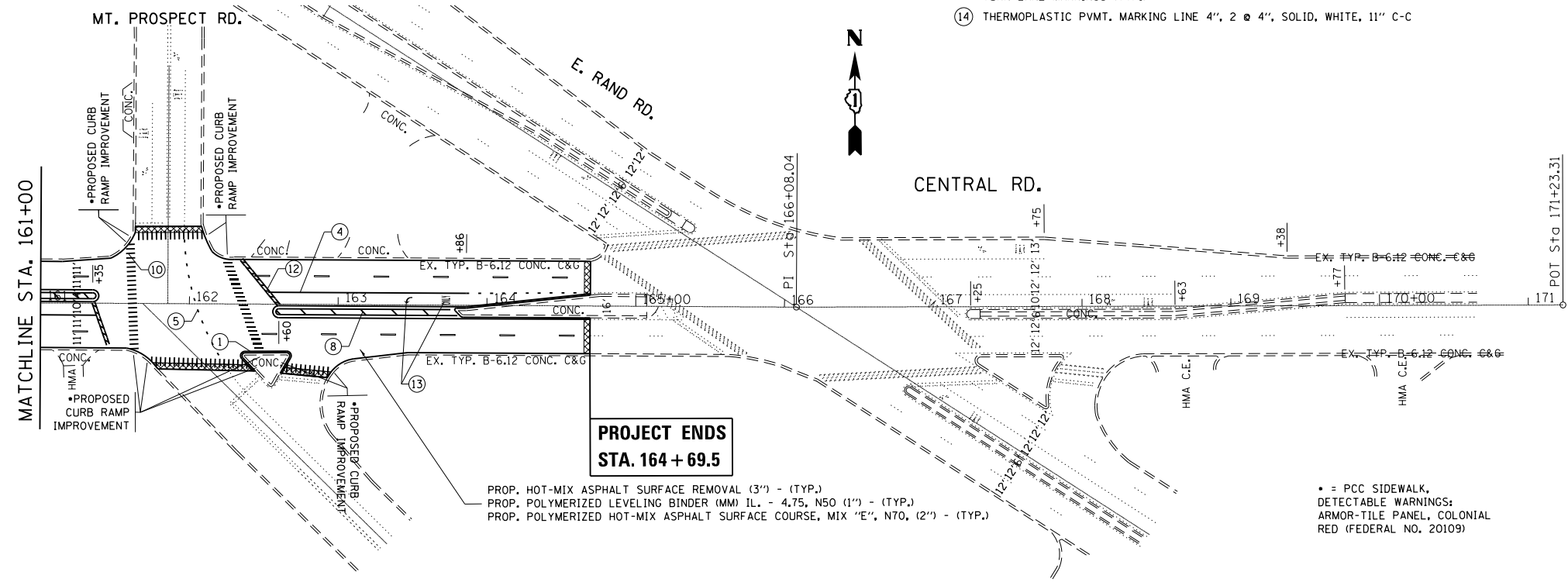
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FILE NAME =	USER NAME = DEFEVX	DESIGNED -	REVISED -
pw:\11084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\143816\Design\143816-sh-6-plan.dgn		REVISED -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CENTRAL ROAD - ARLINGTON HEIGHTS RD. TO US 12/RAND RD.
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: 1"=50' SHEET OF SHEETS STA. 146+00 TO STA. 164+69.5

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819)RS	COOK	107	17
CONTRACT NO. 62D20				
ILLINOIS FED. AID PROJECT				

NOTES:

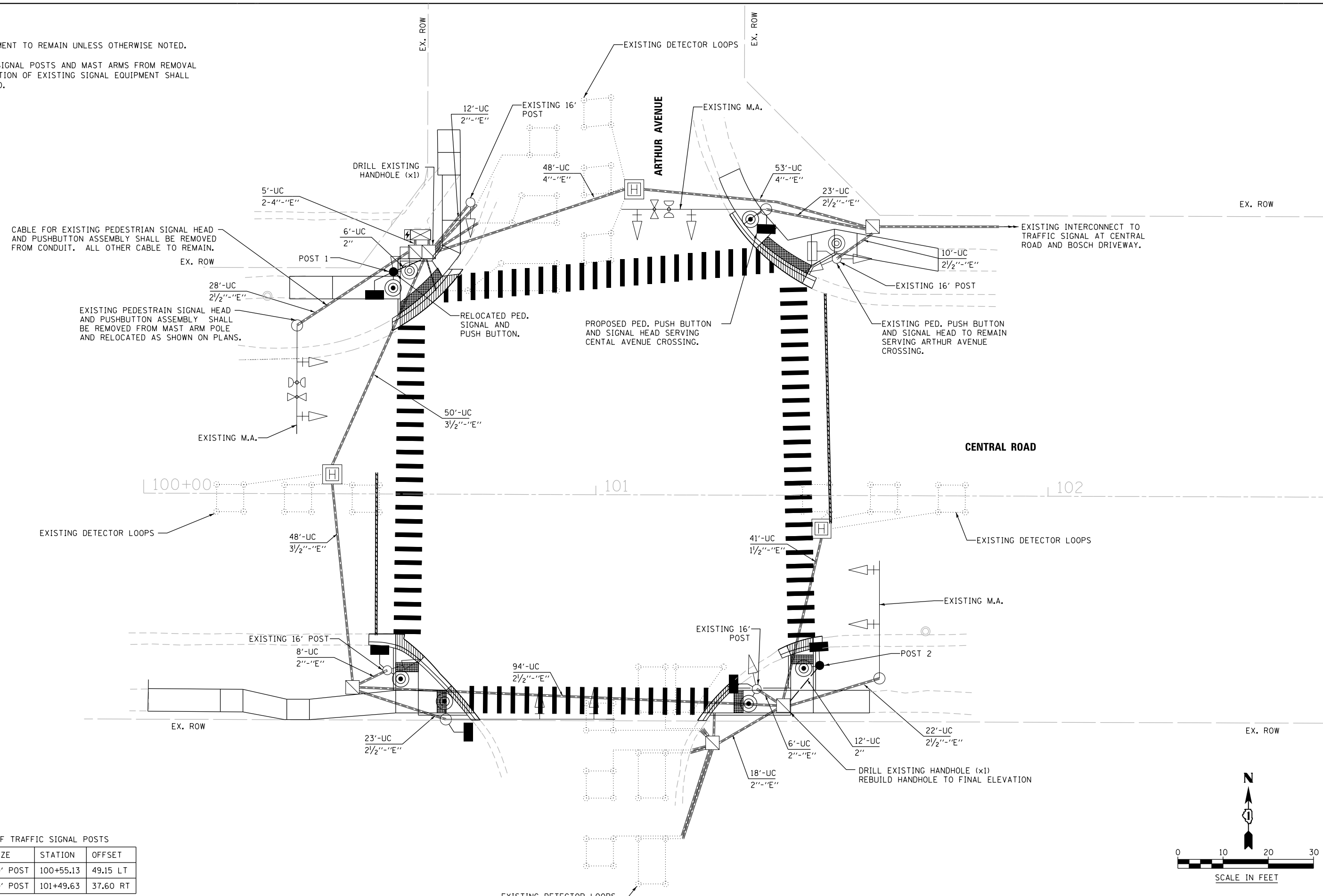
1. ALL EQUIPMENT TO REMAIN UNLESS OTHERWISE NOTED.
2. HOLES IN SIGNAL POSTS AND MAST ARMS FROM REMOVAL OR RELOCATION OF EXISTING SIGNAL EQUIPMENT SHALL BE PLUGGED.

CABLE FOR EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON ASSEMBLY SHALL BE REMOVED FROM CONDUIT. ALL OTHER CABLE TO REMAIN.

EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON ASSEMBLY SHALL BE REMOVED FROM MAST ARM POLE AND RELOCATED AS SHOWN ON PLANS.

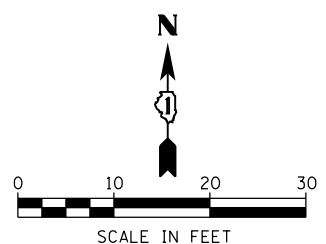
PROPOSED PED. PUSH BUTTON AND SIGNAL HEAD SERVING CENTAL AVENUE CROSSING.

EXISTING PED. PUSH BUTTON AND SIGNAL HEAD TO REMAIN SERVING ARTHUR AVENUE CROSSING.



SCHEDULE OF TRAFFIC SIGNAL POSTS

ITEM	SIZE	STATION	OFFSET
POST 1	10' POST	100+55.13	49.15 LT
POST 2	10' POST	101+49.63	37.60 RT



USER NAME = CSHWARZER	DESIGNED - CAS	REVISED - 10-12-16
	DRAWN - CAS	REVISED - 01-22-18
PLOT SCALE = 1"=10'	CHECKED - MJR	REVISED - 03-06-18
PLOT DATE = 10/12/2016	DATE - 02-01-16	REVISED -

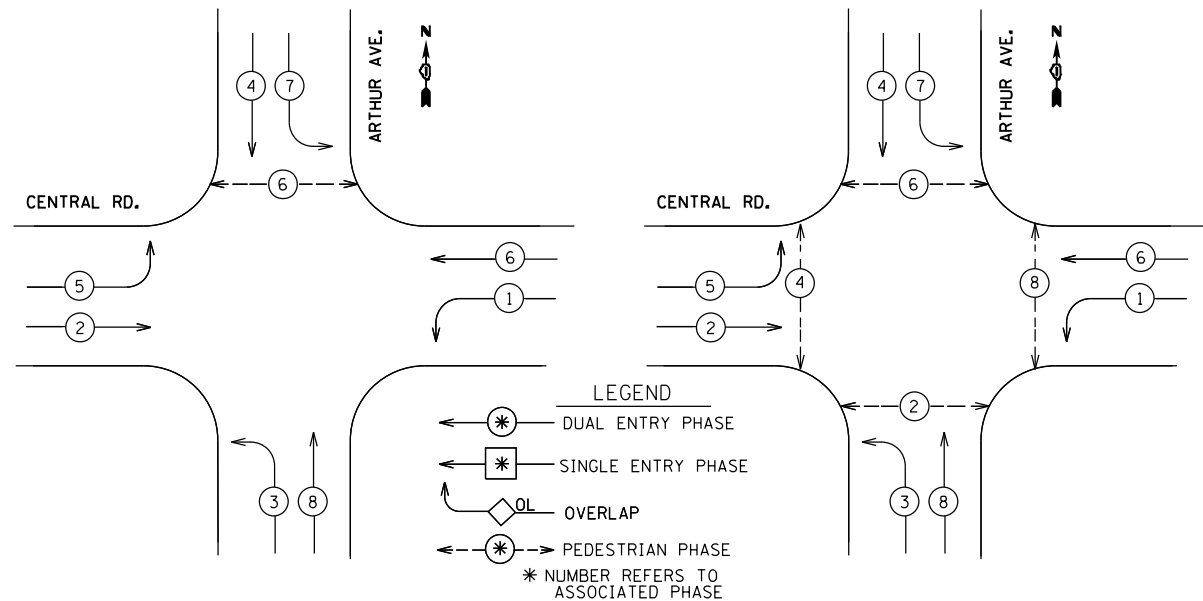
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL PLAN	
CENTRAL ROAD AT ARTHUR AVENUE	
SCALE: 1" = 10'	SHEET NO. 1 OF 2 SHEETS STA. TO STA.

TS #12620	COUNTY	TOTAL SHEETS	SHEET NO.
	COOK	107	17A
ILLINOIS VILLAGE OF MOUNT PROSPECT			

EXISTING CONTROLLER SEQUENCE

PROPOSED CONTROLLER SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTORS

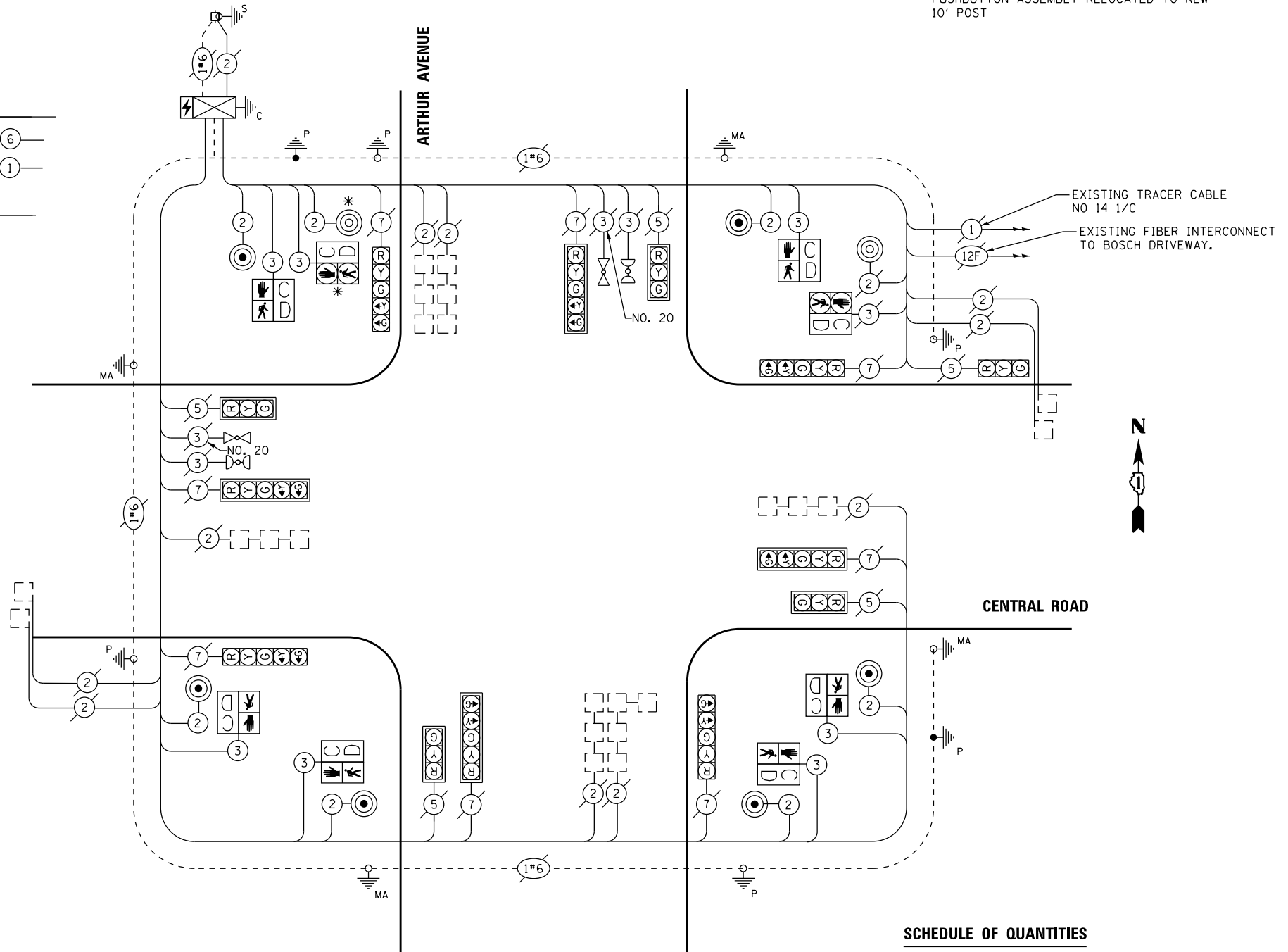
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↑

EMERGENCY VEHICLE PREEMPTION SEQUENCE



NOTE:

* EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON ASSEMBLY RELOCATED TO NEW 10' POST



CABLE PLAN
TS #12620

SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	LF	18
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	LF	1094
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	LF	1143
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	LF	36
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2
CONCRETE FOUNDATION, TYPE A	LF	8
DRILL EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
PEDESTRIAN PUSH-BUTTON	EACH	6
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1
RELOCATE EXISTING PEDESTRIAN PUSH BUTTON	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	130
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REBUILD EXISTING HANDHOLE	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. LAMPS*	WATTAGE (INCAND.)	% OPERATION	
SIGNAL (RED)	13	17	50%	110.50
(YELLOW)	13	25	25%	81.25
(GREEN)	13	15	25%	48.75
ARROW	16	12	10%	19.20
PED. SIGNAL	8	25	100%	200.00
CONTROLLER	1	100	100%	100.00
ENERGY COSTS TO: VILLAGE OF ARLINGTON HEIGHTS TOTAL =				559.70
ENERGY SUPPLY CONTACT: DAVE SCHACHT				
PHONE: (630) 437-2129				
COMPANY: COMED				

HORIZONTAL CONTROL POINTS

CONTROL POINTS	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
CP-11	1 966 792.16	1 096 106.31	CP-IP	4+51.65	36.5 RT
CP-12	1 966 935.95	1 095 873.69	CP-XCUT	7+14.50	28.08 LT
CP-13	1 967 224.51	1 095 840.80	CP-XCUT	52+41.84	45.01 LT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

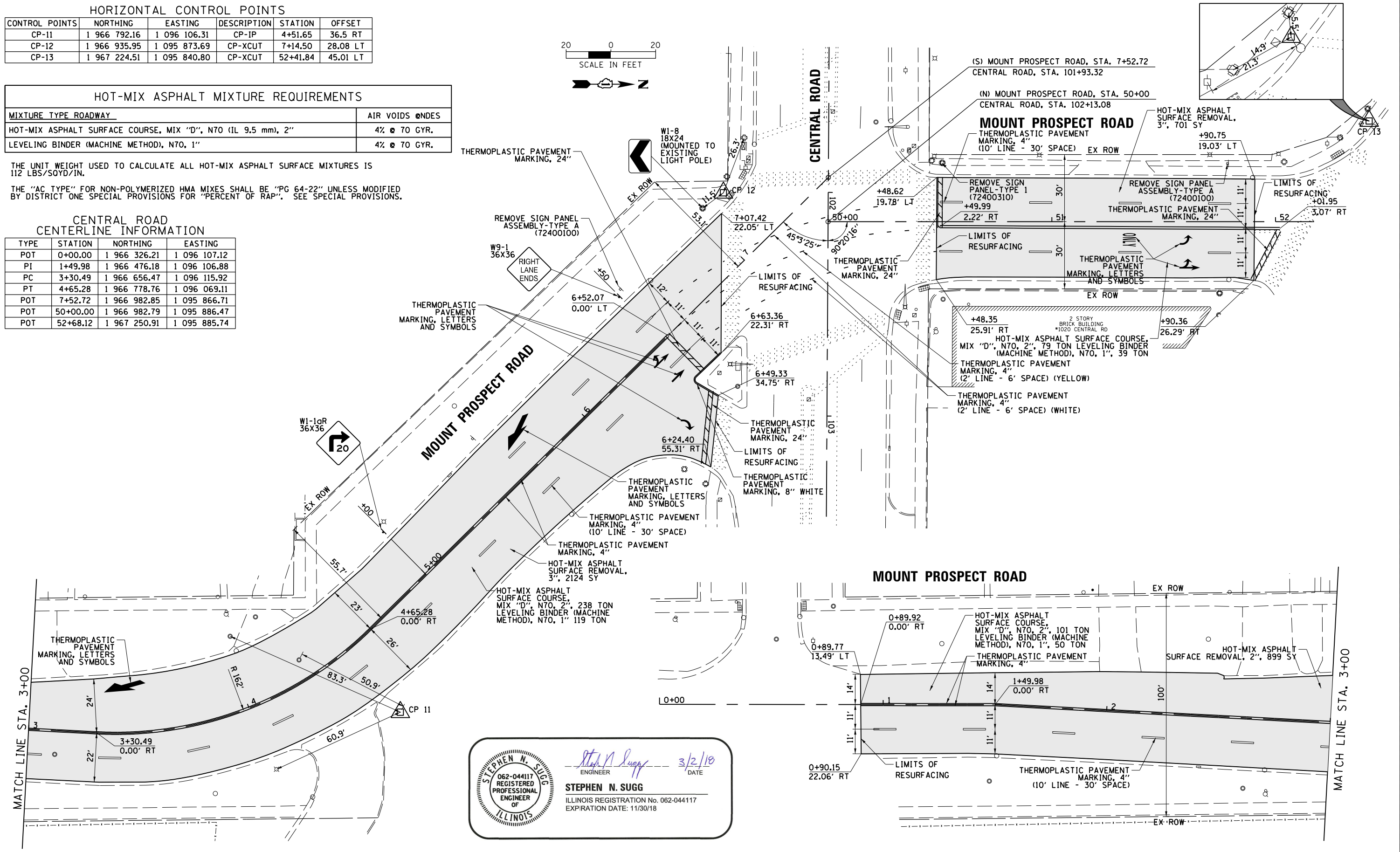
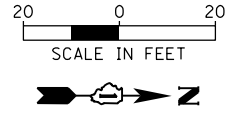
MIXTURE TYPE ROADWAY	AIR VOIDS @NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 2"	4% @ 70 GYR.
LEVELING BINDER (MACHINE METHOD), N70, 1"	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SOYD/IN.

THE "AC TYPE" FOR NON-POLYMERIZED HMA MIXES SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR "PERCENT OF RAP". SEE SPECIAL PROVISIONS.

CENTRAL ROAD CENTERLINE INFORMATION

TYPE	STATION	NORTHING	EASTING
POT	0+00.00	1 966 326.21	1 096 107.12
PI	1+49.98	1 966 476.18	1 096 106.88
PC	3+30.49	1 966 656.47	1 096 115.92
PT	4+65.28	1 966 778.76	1 096 069.11
POT	7+52.72	1 966 982.85	1 095 866.71
POT	50+00.00	1 966 982.79	1 095 886.47
POT	52+68.12	1 967 250.91	1 095 885.74



ENGINEER *Stephen N. Sugg* 3/2/18 DATE

STEPHEN N. SUGG

 ILLINOIS REGISTRATION No. 062-044117

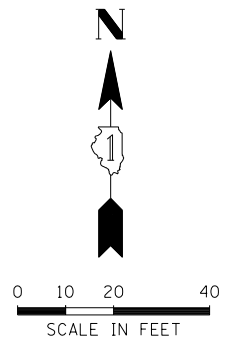
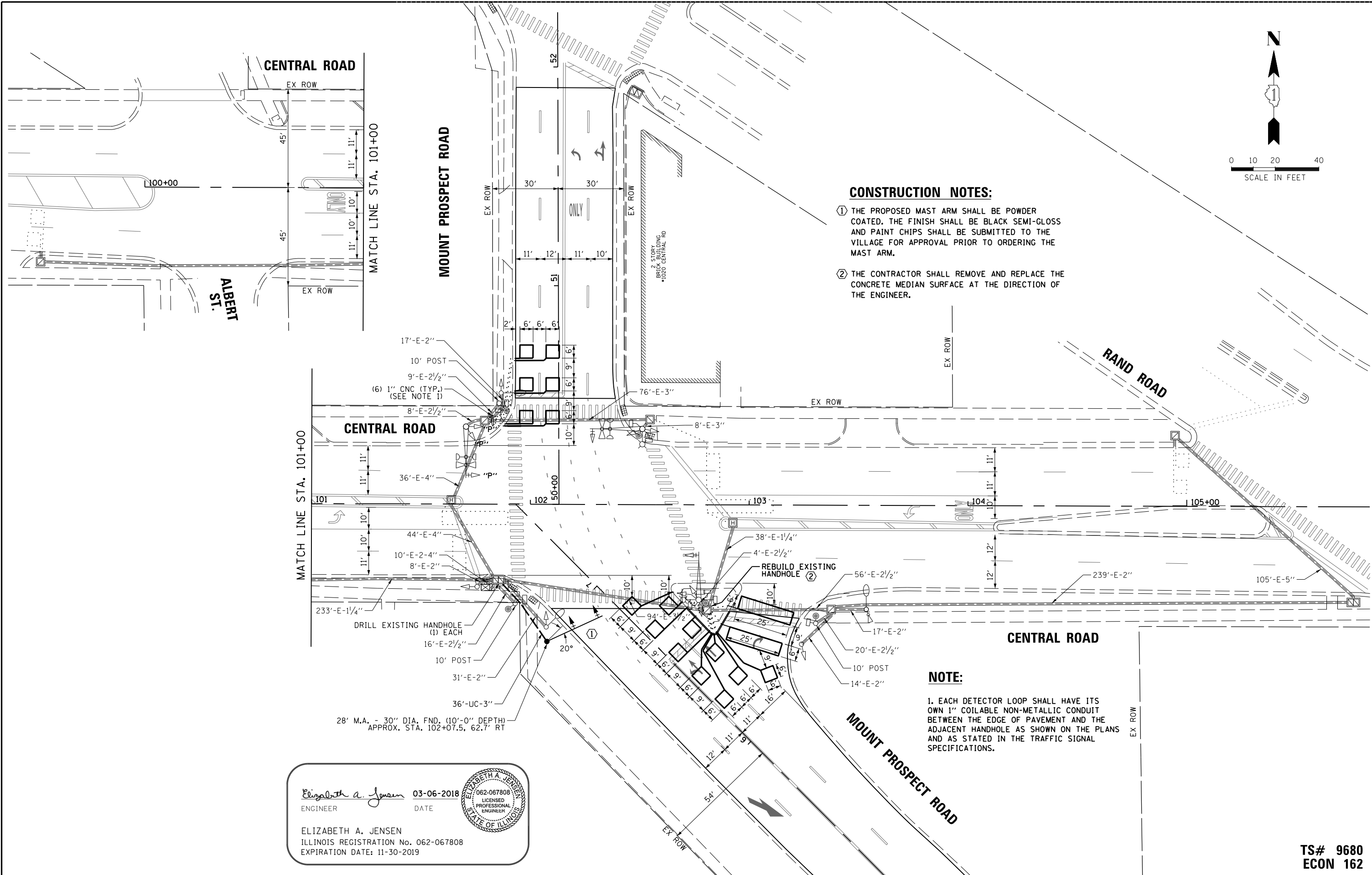
 EXPIRATION DATE: 11/30/18

DATE	BY	DATE	BY
DATE	BY	DATE	BY
DATE	BY	DATE	BY
DATE	BY	DATE	BY

CHRISTOPHER B. BURKE ENGINEERING LTD.
 8575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (617) 822-5930

PROFILE SURVEYED
 GRADES CHECKED
 ELEM. NOTED
 STRUCTURE NOTATIONS OK'KO

TS SHT NO. 8



CONSTRUCTION NOTES:

- ① THE PROPOSED MAST ARM SHALL BE POWDER COATED. THE FINISH SHALL BE BLACK SEMI-GLOSS AND PAINT CHIPS SHALL BE SUBMITTED TO THE VILLAGE FOR APPROVAL PRIOR TO ORDERING THE MAST ARM.
- ② THE CONTRACTOR SHALL REMOVE AND REPLACE THE CONCRETE MEDIAN SURFACE AT THE DIRECTION OF THE ENGINEER.

NOTE:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

Elizabeth A. Jensen 03-06-2018
 ENGINEER DATE

ELIZABETH A. JENSEN
 ILLINOIS REGISTRATION No. 062-067808
 EXPIRATION DATE: 11-30-2019

FILE NAME =	USER NAME = ejensen	DESIGNED - EAJ	REVISED -
N:\MOUNTPROSPECT\170133\Traffic\MOD.Central-Mt Prospect.dgn		DRAWN - FB	REVISED -
		CHECKED - GMZ	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN
CENTRAL ROAD AND MOUNT PROSPECT ROAD

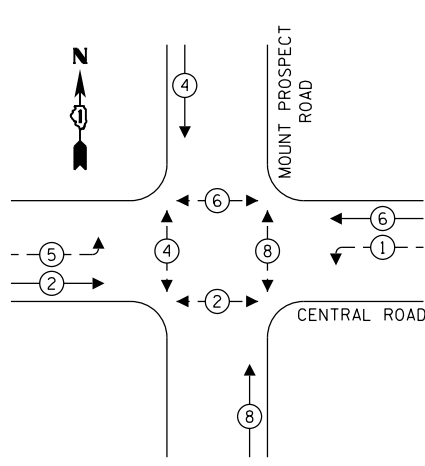
SCALE: 1" = 40' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	17D
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 62D20	

TS# 9680
ECON 162

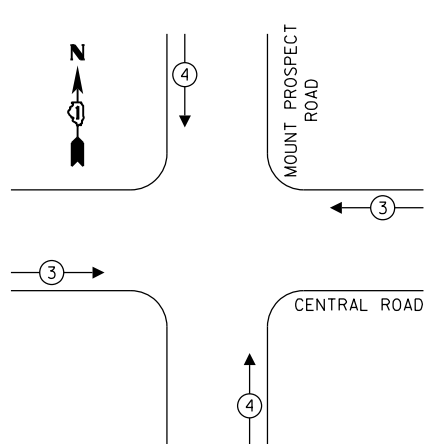
DATE: _____ BY: _____
 SURVEYED: _____ ALIGNED: _____ CHECKED: _____
 RT. OF WAY CHECKED: _____
 DATE: _____ BY: _____
 PLAN: _____ NOTE BOOK NO.: _____
CHRISTOPHER B. BURKE ENGINEERING LTD.
 8575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (630) 923-5500
 DATE: _____ BY: _____
 PROFILE: _____ SURVEYED: _____ GRADES CHECKED: _____
 NOTE BOOK NO.: _____ STRUCTURE NOTATIONS: CWK0

EXISTING CONTROLLER SEQUENCE



- LEGEND:**
- ← ⊙ → PROTECTED PHASE
 - ← ⊙ - - PROTECTED/PERMITTED PHASE
 - ← ⊙ → PEDESTRIAN PHASE
 - ← ⊙ OL → OVERLAP

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



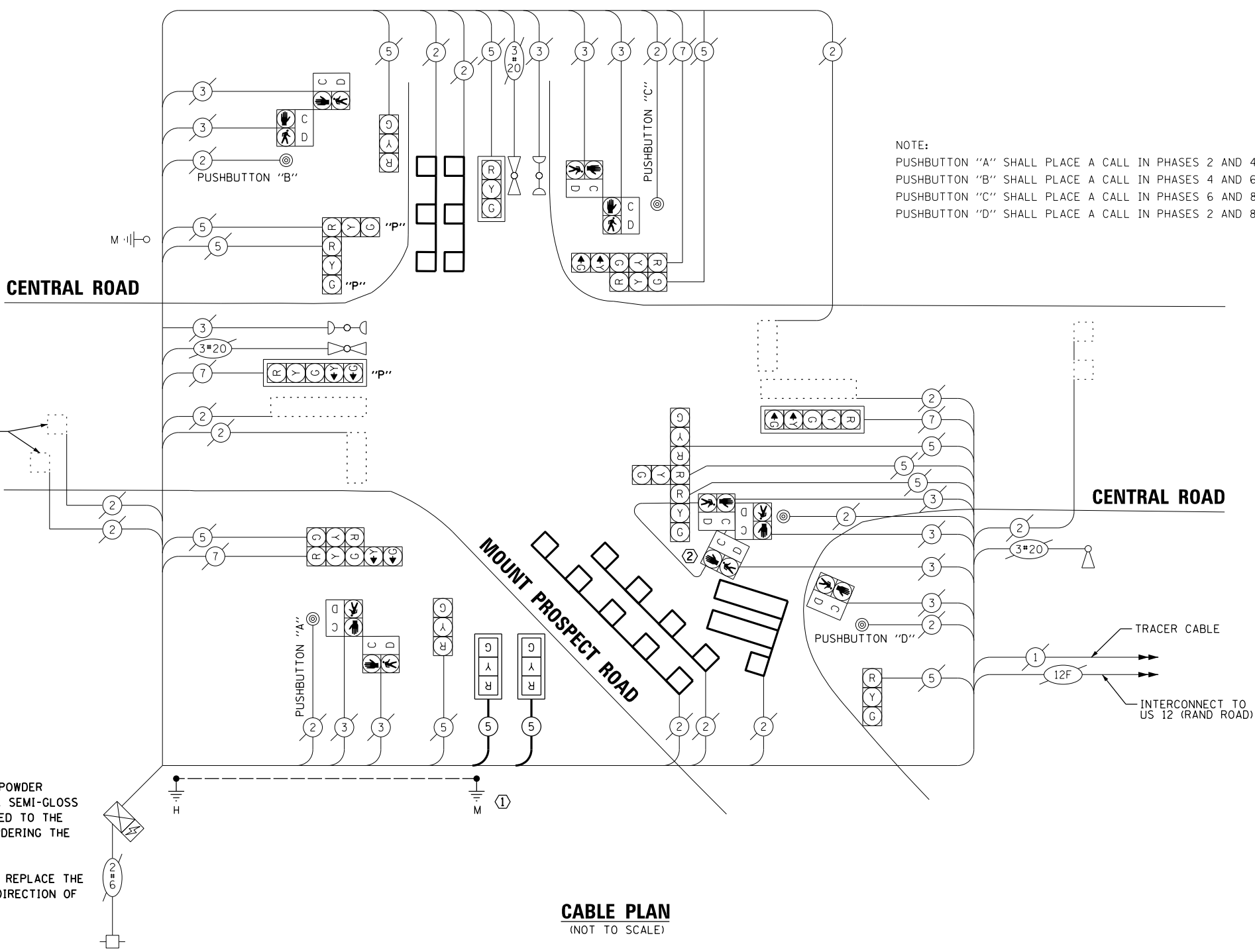
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	17	11	50	93.5
(YELLOW)	17	20	5	17.0
(GREEN)	17	12	45	91.8
PERMISSIVE ARROW	8	10	10	8.0
PED. SIGNAL	10	20	100	200.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	250	50	-
TOTAL =				535.3

ENERGY COSTS TO:
 VILLAGE OF MOUNT PROSPECT
 201 W. CENTER COURT
 SCHAUMBURG, ILLINOIS 60196
 ENERGY SUPPLY: CONTACT: NEW BUSINESS
 PHONE: (630) 431-2129
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: ---

- CONSTRUCTION NOTES:**
- ① THE PROPOSED MAST ARM SHALL BE POWDER COATED. THE FINISH SHALL BE BLACK SEMI-GLOSS AND PAINT CHIPS SHALL BE SUBMITTED TO THE VILLAGE FOR APPROVAL PRIOR TO ORDERING THE MAST ARM.
 - ② THE CONTRACTOR SHALL REMOVE AND REPLACE THE CONCRETE MEDIAN SURFACE AT THE DIRECTION OF THE ENGINEER.

MOUNT PROSPECT ROAD



NOTE:
 PUSHBUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.
 PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.
 PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8.
 PUSHBUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

CABLE PLAN
 (NOT TO SCALE)

TS SHT NO. 9

FILE NAME =	USER NAME = ejensen	DESIGNED - EAJ	REVISED -
N:\MOUNTPROSPECT\170133\Traffic\CABL.Central-Mt Prospect.dgn		DRAWN - FB	REVISED -
		CHECKED - GMZ	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
CENTRAL ROAD AND MOUNT PROSPECT ROAD

SCALE: 1" = 40' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	17B
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 62D20	

TS# 9680
ECON 162

DATE	BY	SURVEYED	ALIGNED	CHECKED	RT. OF WAY	CHECKED	ADD. FILE	NAME
DATE	BY	SURVEYED	ALIGNED	CHECKED	RT. OF WAY	CHECKED	ADD. FILE	NAME
DATE	BY	SURVEYED	ALIGNED	CHECKED	RT. OF WAY	CHECKED	ADD. FILE	NAME

PLAN

ENGINEERING LTD.
 8575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (617) 923-9303

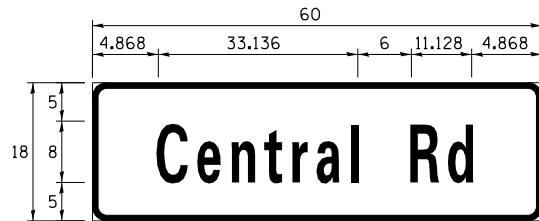


DATE	BY	SURVEYED	ALIGNED	CHECKED	RT. OF WAY	CHECKED	ADD. FILE	NAME
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DATE	BY	SURVEYED	ALIGNED	CHECKED	RT. OF WAY	CHECKED	ADD. FILE	NAME

TS SHT NO. 10

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	7.5	1	ZZ	1

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	128
SIGN PANEL - TYPE 1	SQ FT	7.5
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	36
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	1
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	210
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	66
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	2
DETECTOR LOOP, TYPE I	FOOT	726
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REBUILD EXISTING HANDHOLE	EACH	1
CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	128

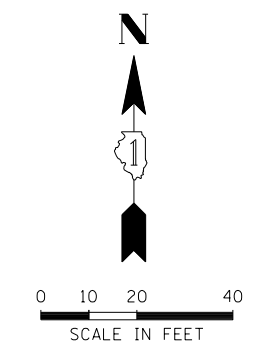
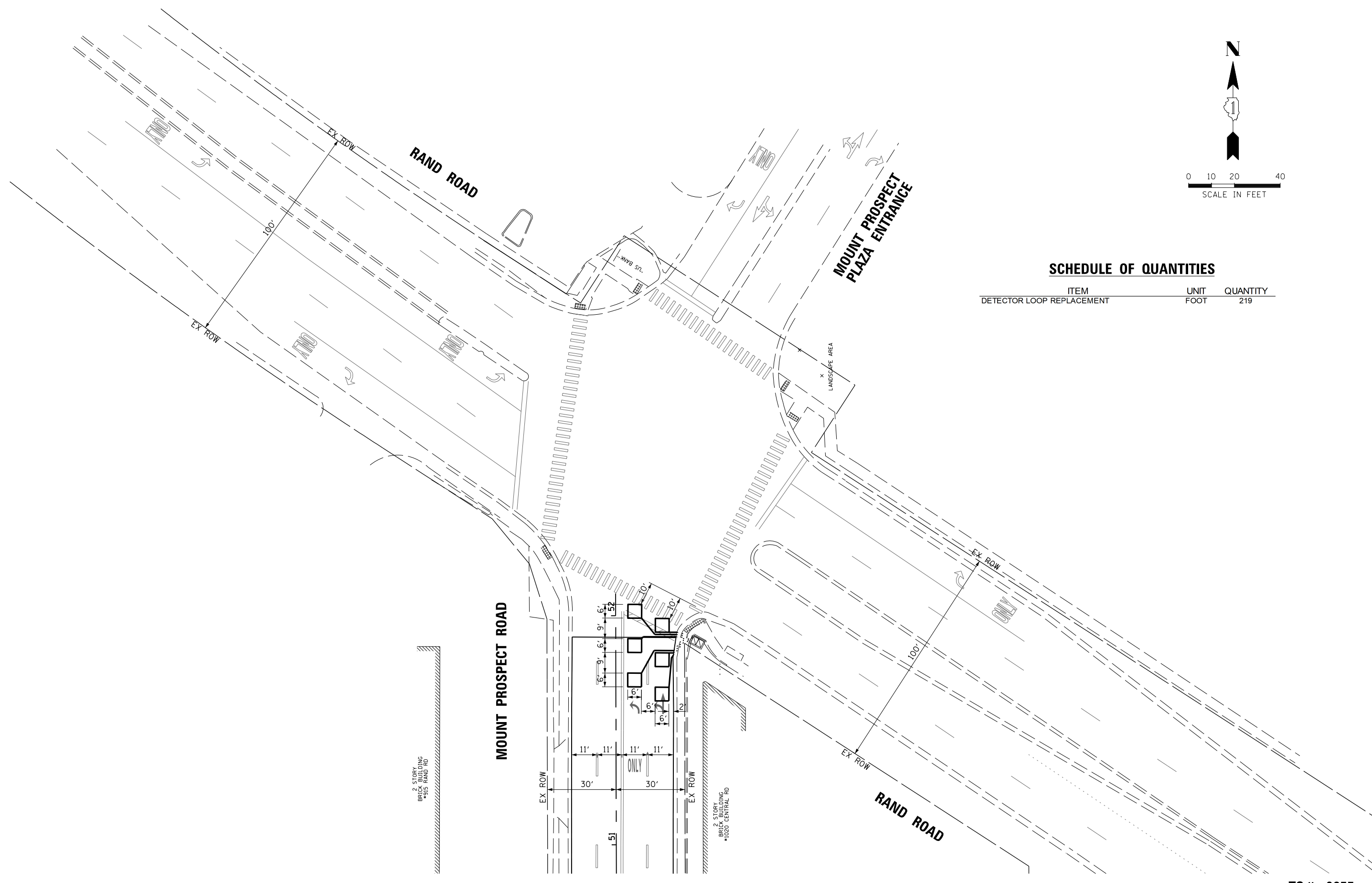
FILE NAME =	USER NAME = ejensen	DESIGNED - EAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES AND MAST ARM MOUNTED STREET NAME SIGN CENTRAL ROAD AND MOUNT PROSPECT ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\MOUNTPROSPECT\170133\Traffic\CAB2.Sth-Central-Mt Prospect.dgn	DRAWN - FB	REVISIED -	1300			(1618 & 1819.1) RS	COOK	107	17F	
PLOT SCALE = 48"	CHECKED - GMZ	REVISIED -	CONTRACT NO. 62D20							
PLOT DATE = 3/6/2018	DATE -	REVISIED -	ILLINOIS FED. AID PROJECT							
				SCALE: 1" = 40'		SHEET NO. OF SHEETS STA. TO STA.				

TS# 9680
ECON 162

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	STRUCTURE NOTATIONS CHK'D	
PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNMENT CHECKED	
NO.	RT. OF WAY CHECKED	
	ADD. FILE NAME	

TS SHT NO. 11

CHRISTOPHER B. BURKE ENGINEERING LTD.
 8575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (617) 923-5500



SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
DETECTOR LOOP REPLACEMENT	FOOT	219

FILE NAME =	USER NAME = ejensen	DESIGNED - EAJ	REVISED -
N:\MOUNTPROSPECT\170133\Traffic\MOD-Loop\Mt Prospect-Rand.dgn		DRAWN - FB	REVISED -
	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -
	PLOT DATE = 3/6/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT
MOUNT PROSPECT ROAD AND RAND ROAD

SCALE: 1" = 40' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	17G
CONTRACT NO. 62D20			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

TS# 9655
 ECON 162

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

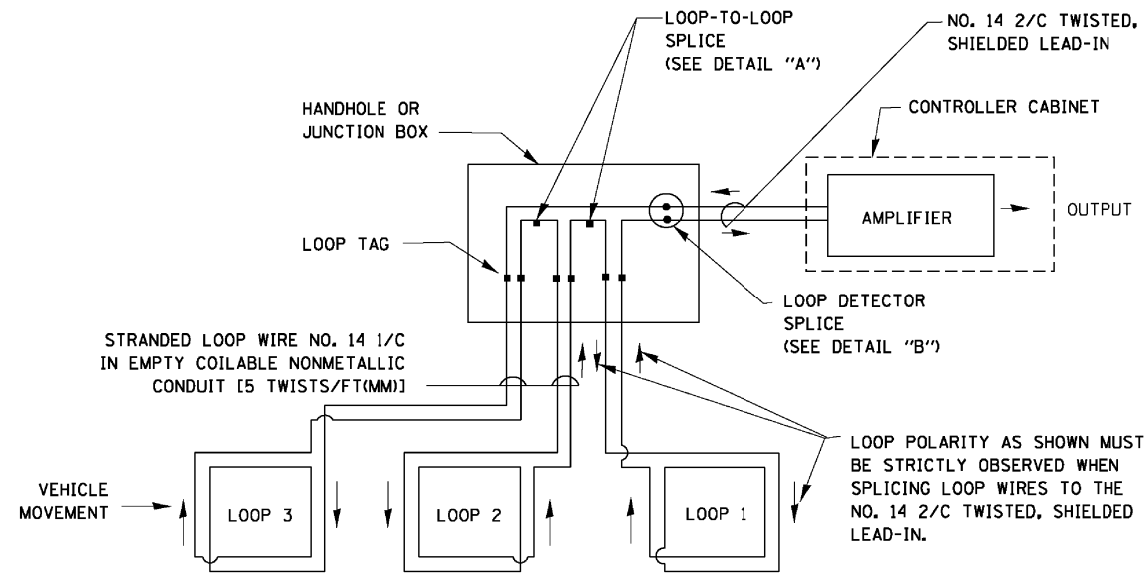
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

TS SHT NO. 1

FILE NAME = ta05.dgn	USER NAME = luyee	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.U. RTE. 1300	SECTION (1618 & 1819.1) RS	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 17#
Default	PLOT SCALE = 50.0000' / 1in.	CHECKED - LP	REVISED -	SCALE: NONE	SHEET 1 OF 7 SHEETS	STA. TO STA.	TS-05	CONTRACT NO. 62D20	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 9/29/2016	DATE - 9/29/2016	REVISED -							

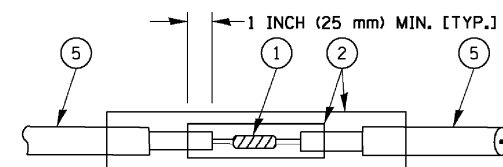
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

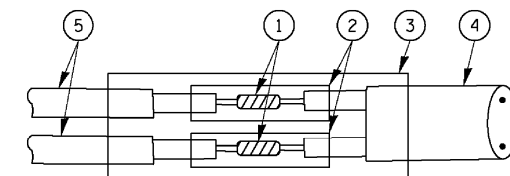


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



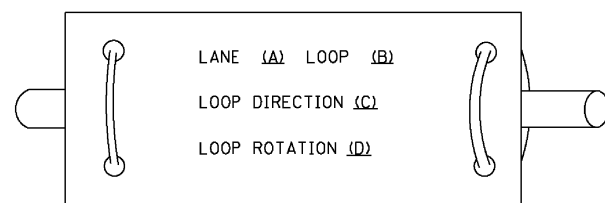
DETAIL "A"
LOOP-TO-LOOP SPLICE



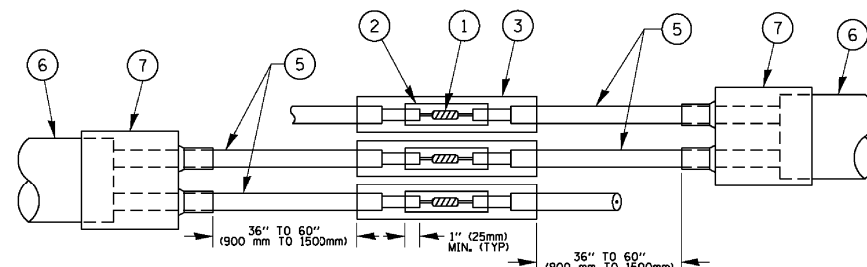
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP

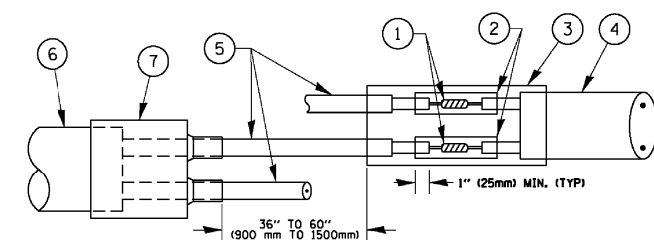
LOOP LEAD-IN CABLE TAG



- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

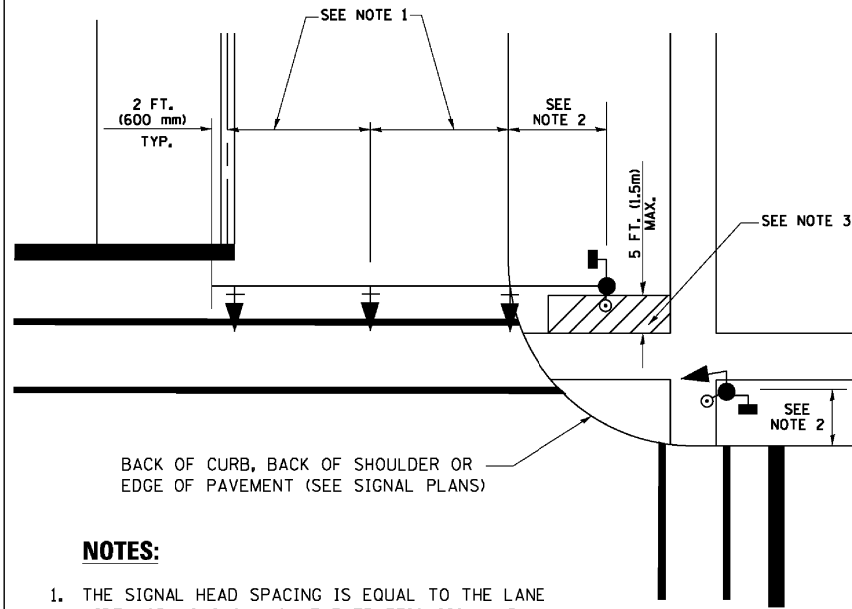
LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH, THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- ⑥ PREFORMED LOOP
- ⑦ XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

TS SHT NO. 2

FILE NAME =	USER NAME = footenj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A.U. RTE. 1300	SECTION (1618 & 1819.1) RS	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 171
ca:\pwwork\pwwork\footenj\d0188315\ts05.dgn	PLOT SCALE = 50.0000' / in.	DRAWN - BCK	REVISED -		SCALE: NONE	SHEET NO. 2 OF 7 SHEETS	STA. TO STA.	TS-05		CONTRACT NO. 62D20		
	PLOT DATE = 1/13/2014	CHECKED - DAD	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE - 10-28-09	REVISED -									

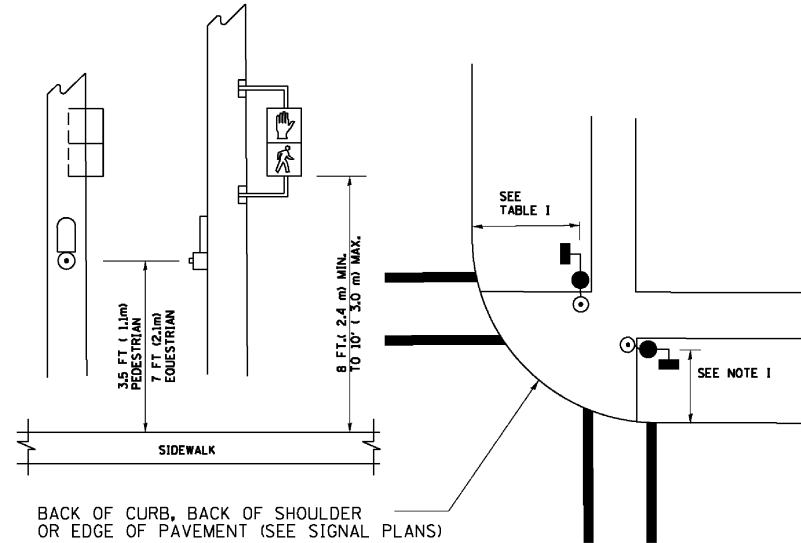
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

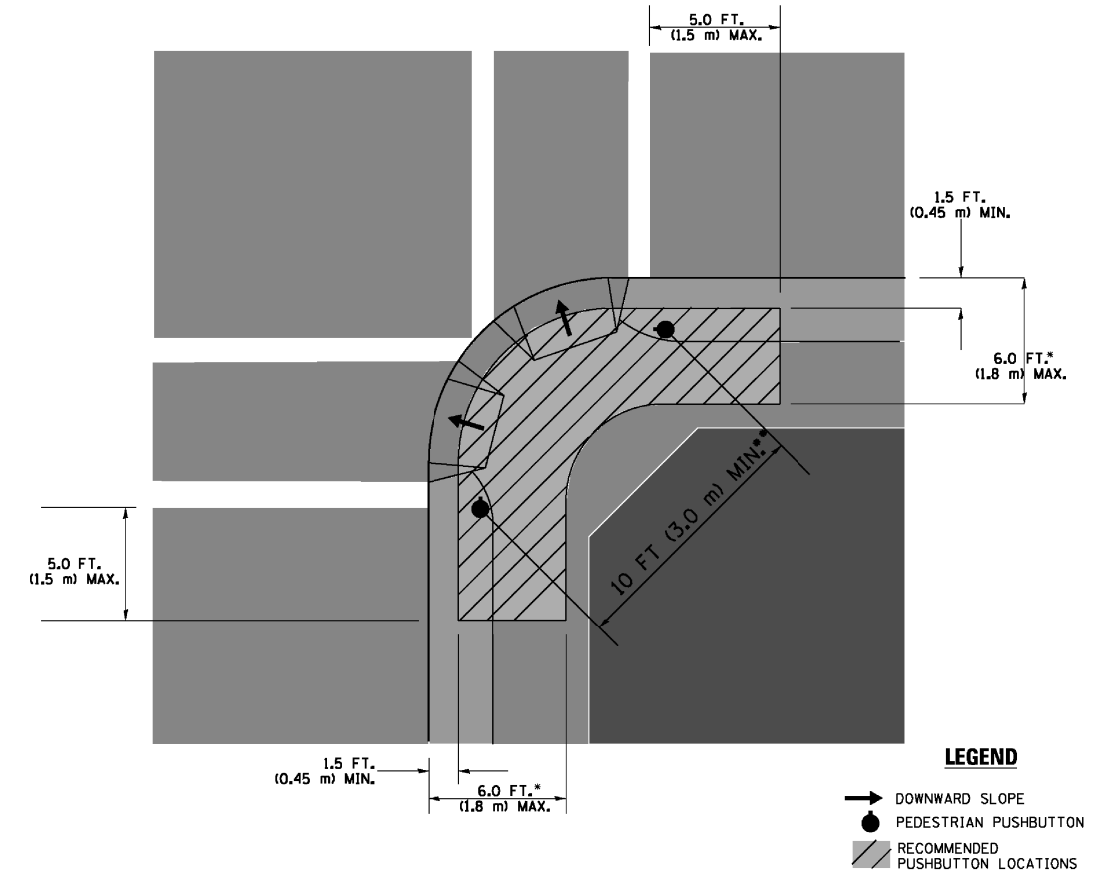
**PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST**



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

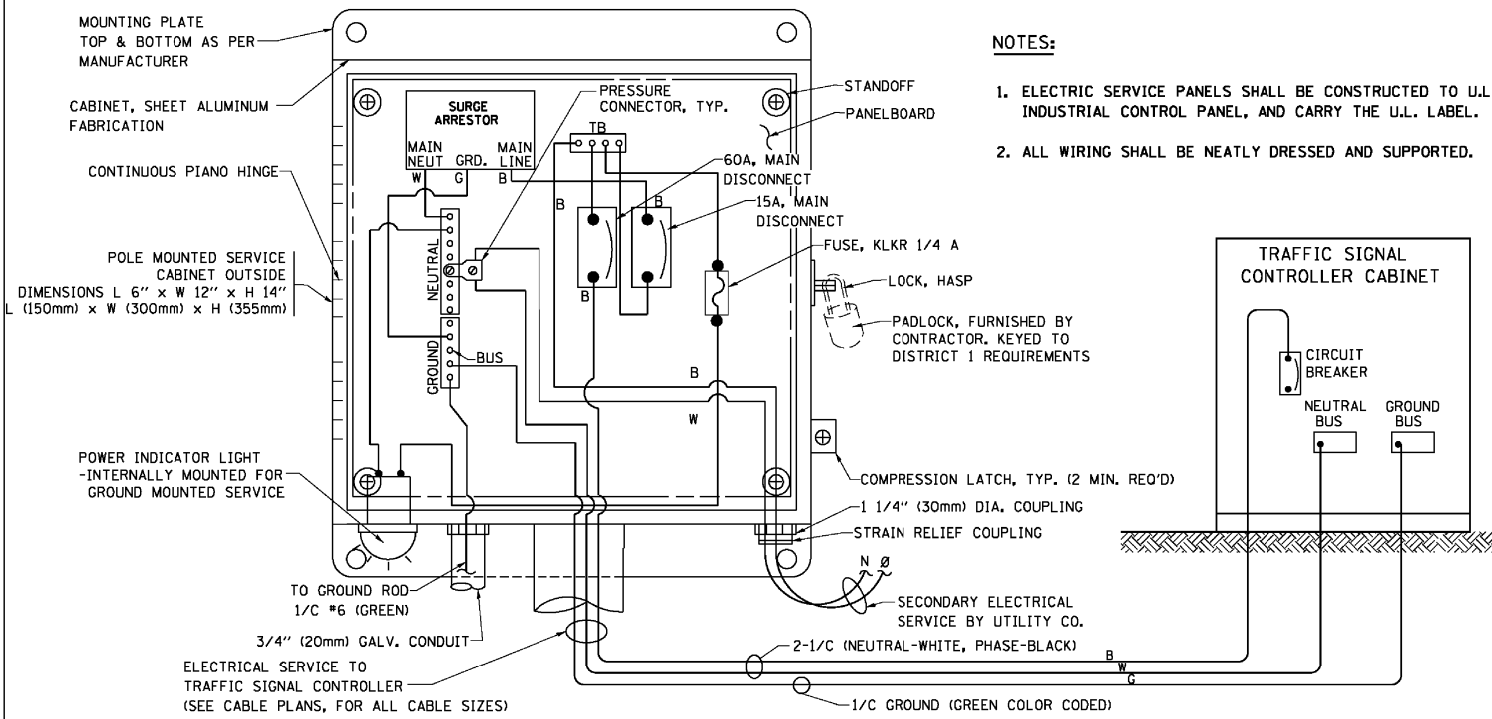
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

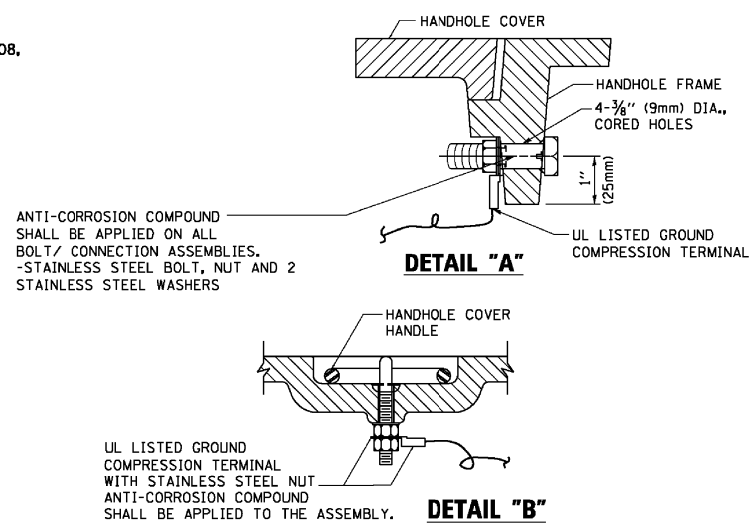
1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

TS SHT NO. 3

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cs:\pwwork\pwwork\footemj\d01188315\ts05.dgn	DRAWN - BCK	REVISED -	1300			(1618 & 1819.1) RS	COOK	107	177	
PLOT SCALE = 50.0000' / 1in.	CHECKED - DAD	REVISED -	TS-05			CONTRACT NO. 62D20				
PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
				SCALE: NONE	SHEET NO. 3 OF 7 SHEETS	STA.	TO STA.			

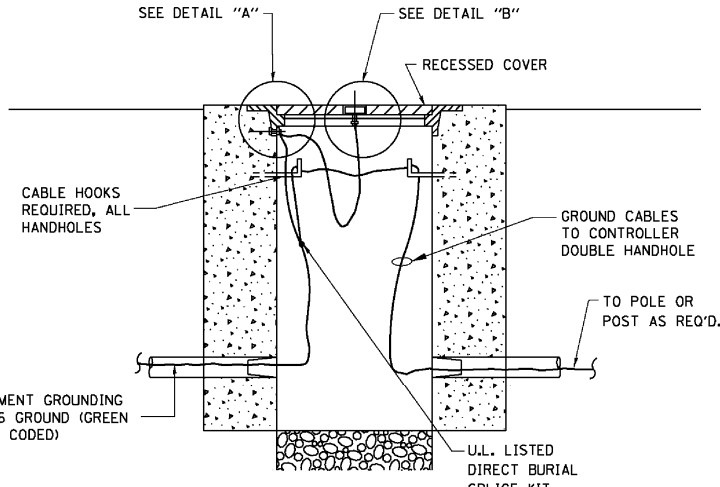


ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)

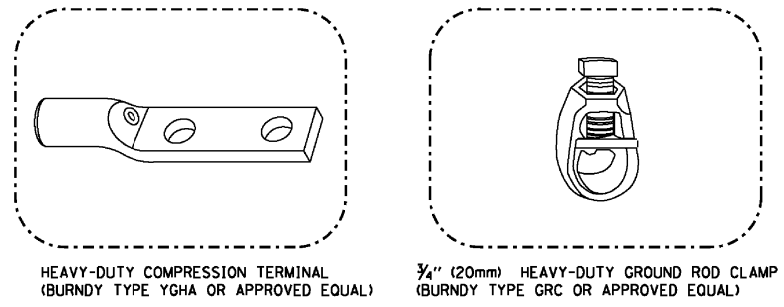


NOTES:
GROUNDING SYSTEM

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

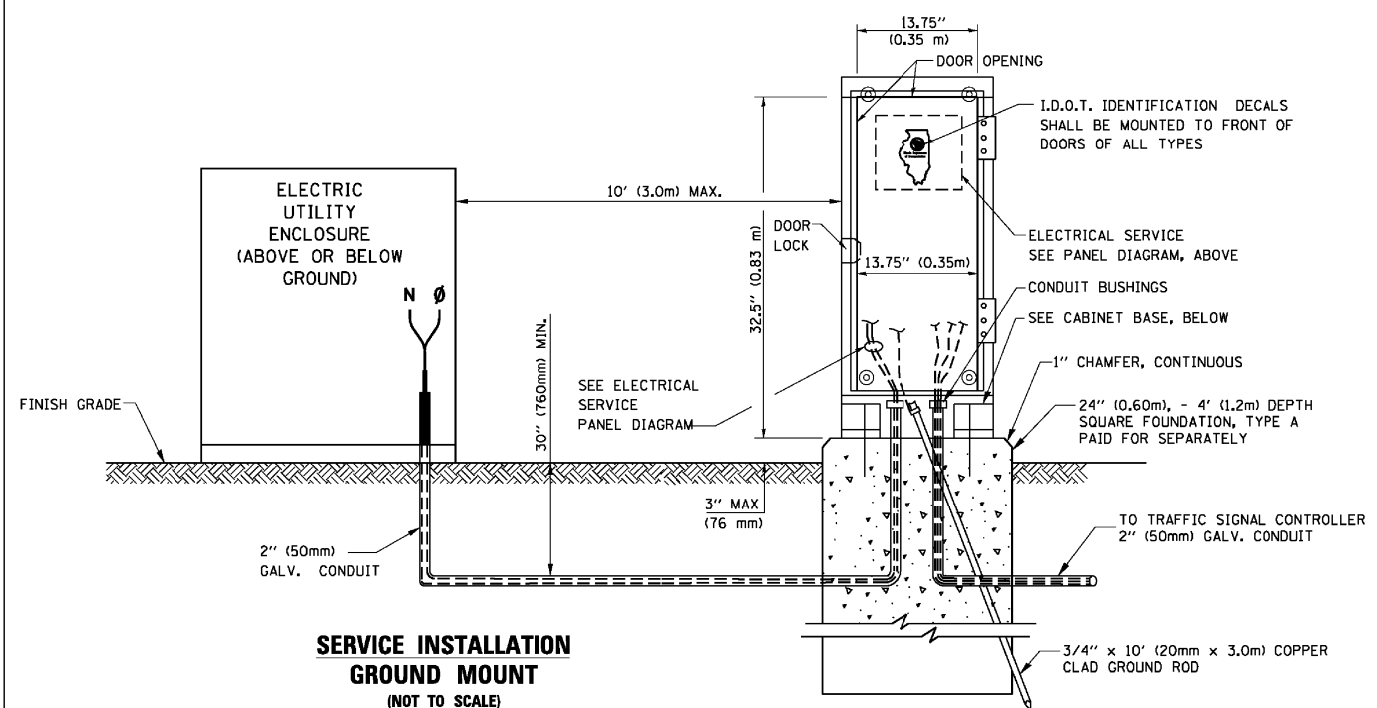


HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)

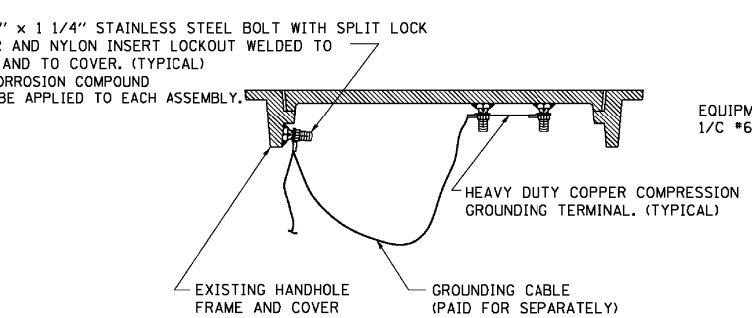


NOTES:

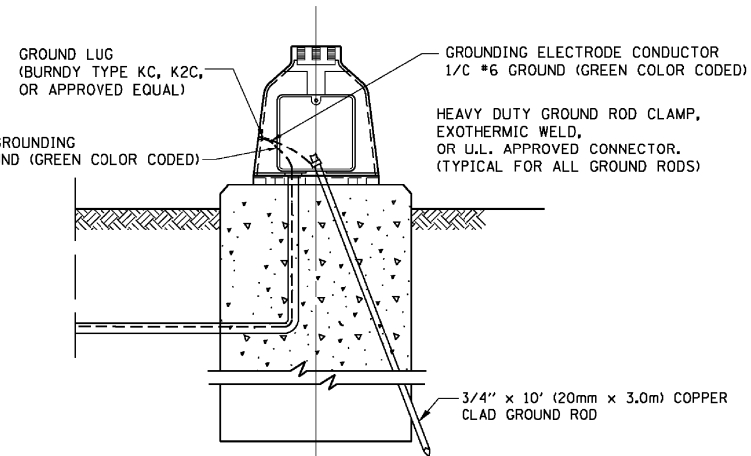
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



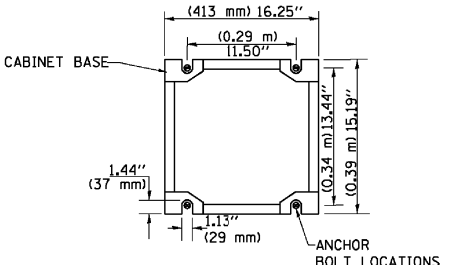
SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)



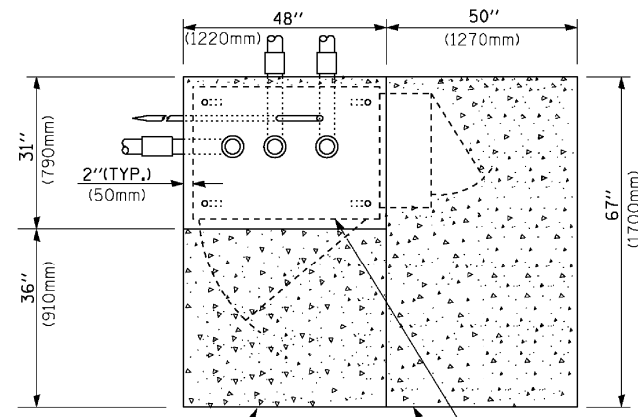
MAST ARM POLE / POST-GROUNDING DETAIL
 (NOT TO SCALE)



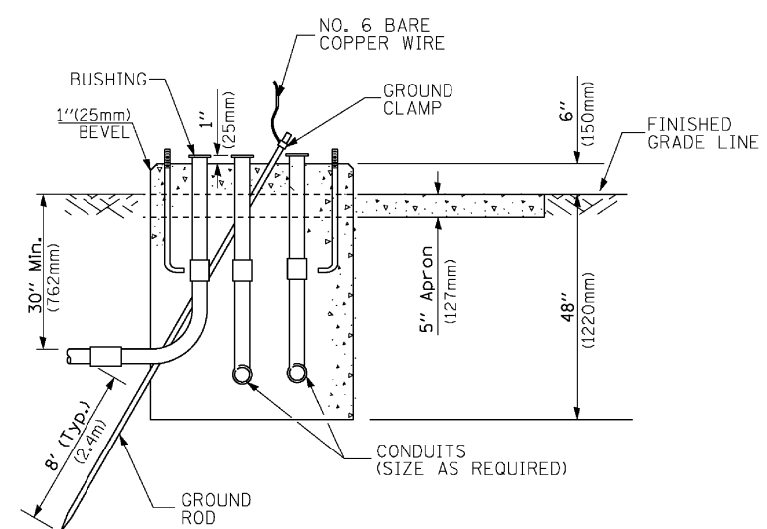
CABINET - BASE BOLT PATTERN
 (NOT TO SCALE)

TS SHT NO. 4

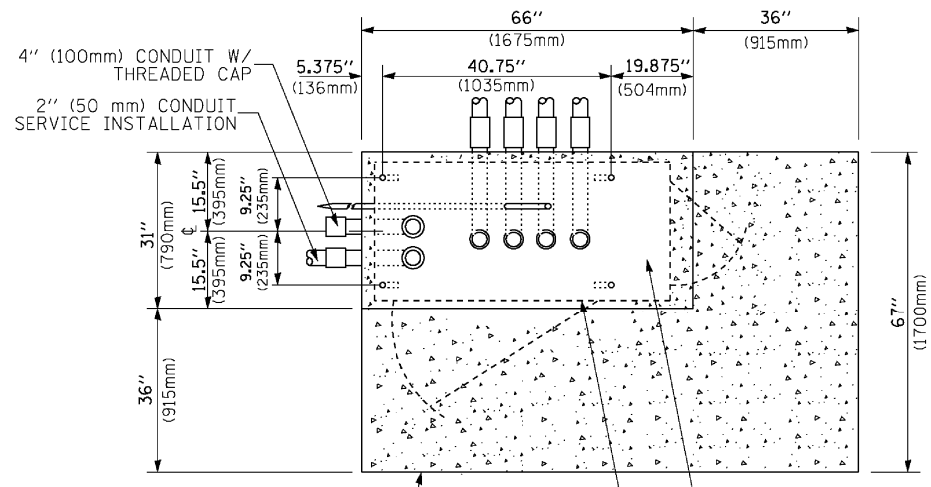
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DRAWN - BCK	CHECKED - DAD	DATE - 10-28-09	REVISED -		SCALE: NONE	SHEET NO. 4 OF 7 SHEETS	STA. TO STA.	TS-05		CONTRACT NO. 62D20		
PLOT SCALE = 50.0000' / 1"					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
PLOT DATE = 1/13/2014												



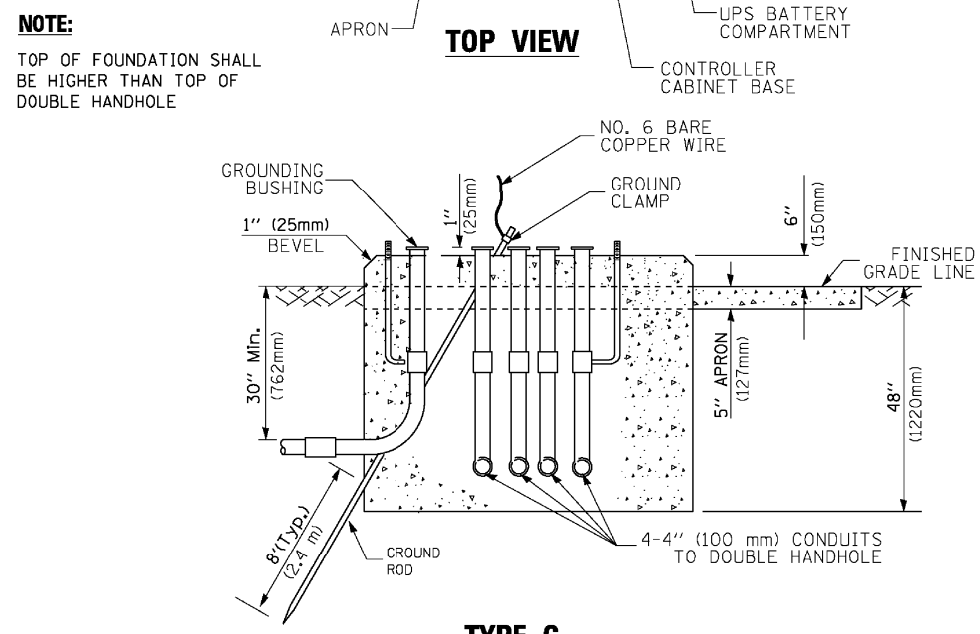
TOP VIEW



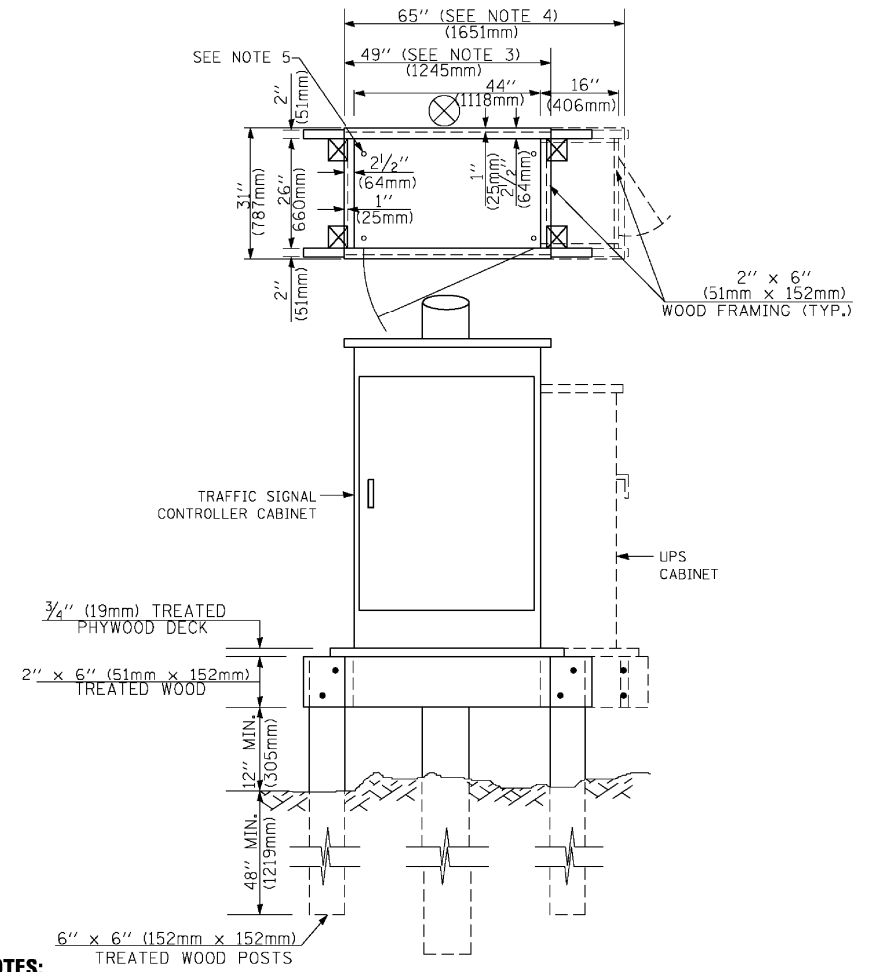
**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



TOP VIEW



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)

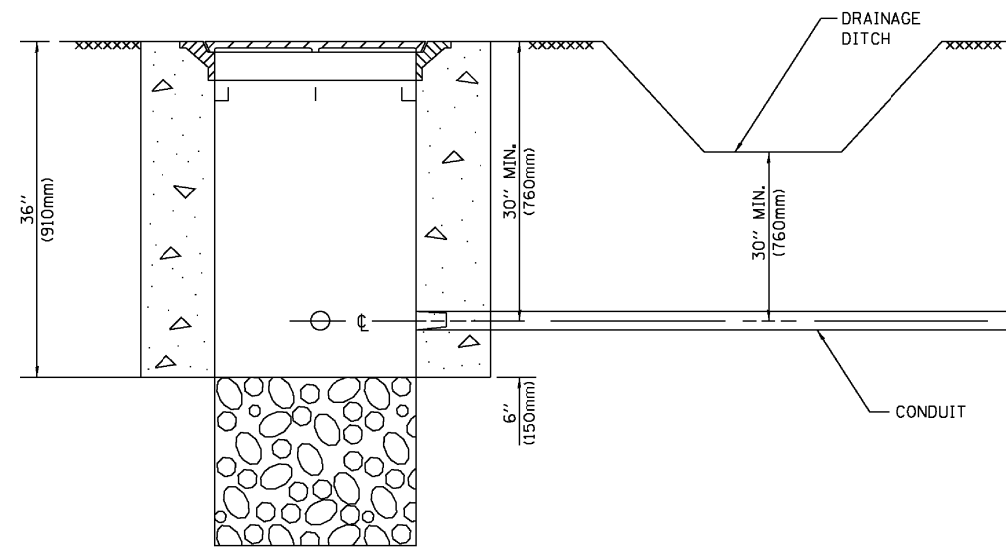
NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (QU) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

SS SHT NO. 5

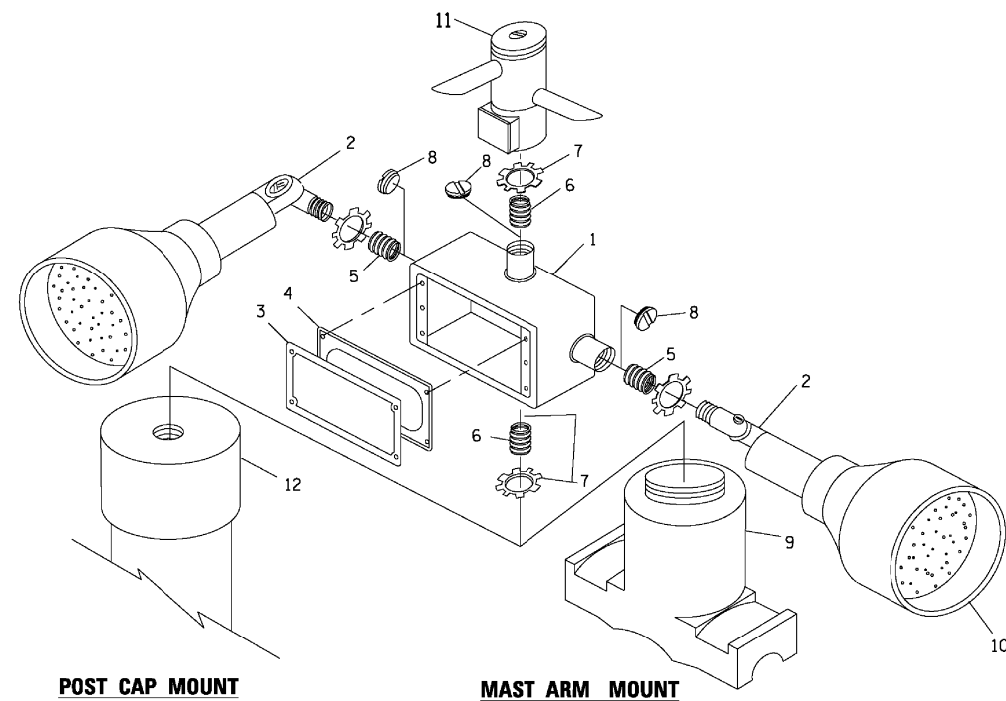
FILE NAME =	USER NAME = footenj	DESIGNED - DAG	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwork\footenj\d0108315\ts05.dgn	DRAWN - BCK	REVISED -	1300			(1618 & 1819.1) RS	COOK	107	174	
PLOT SCALE = 50.0000' / 1in.	CHECKED - DAD	REVISED -	TS-05			CONTRACT NO. 62D20				
PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)

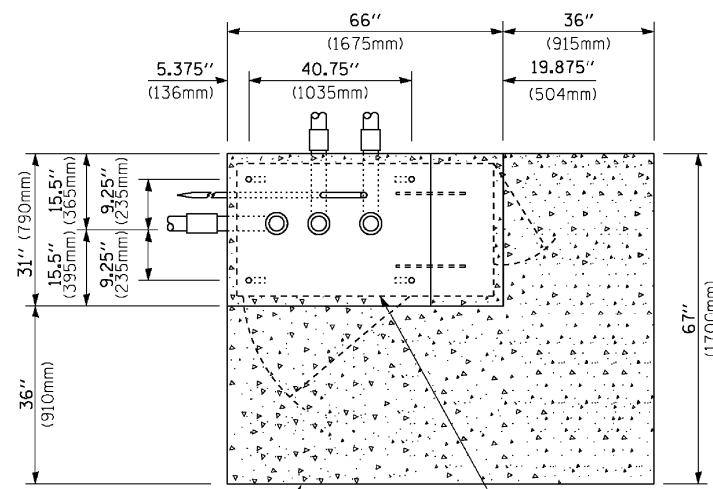


EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

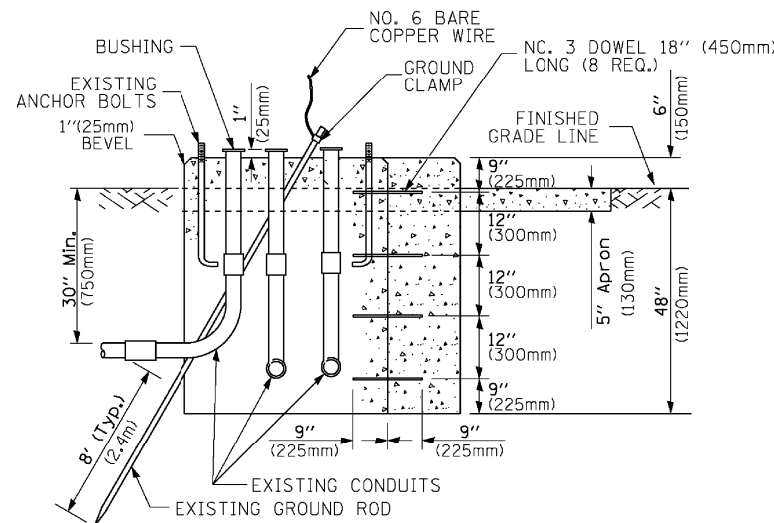
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

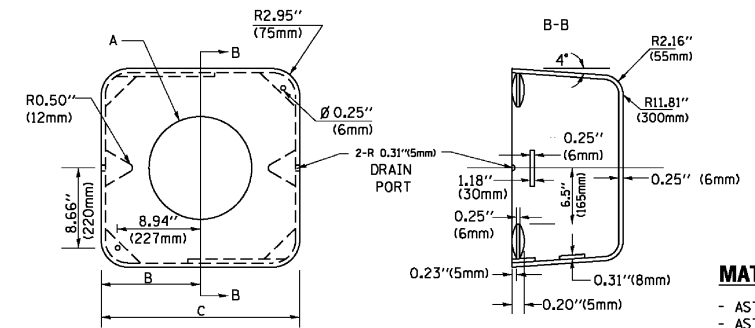
1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



TOP VIEW
(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)



MATERIAL:
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

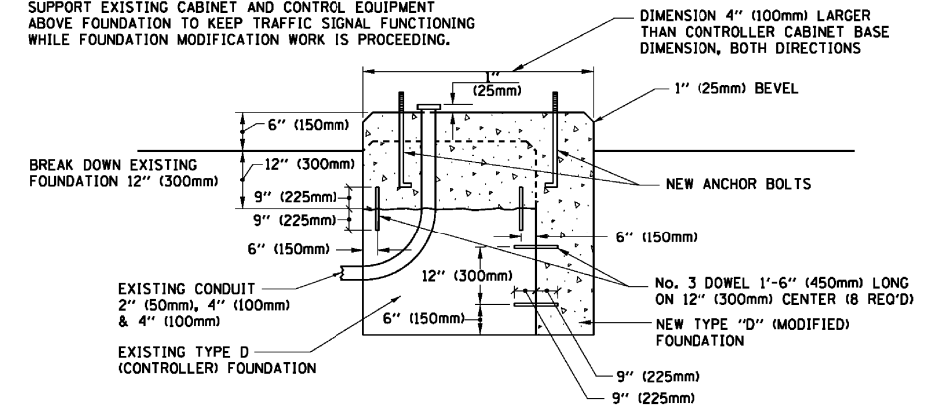
SHROUD

NOTES:

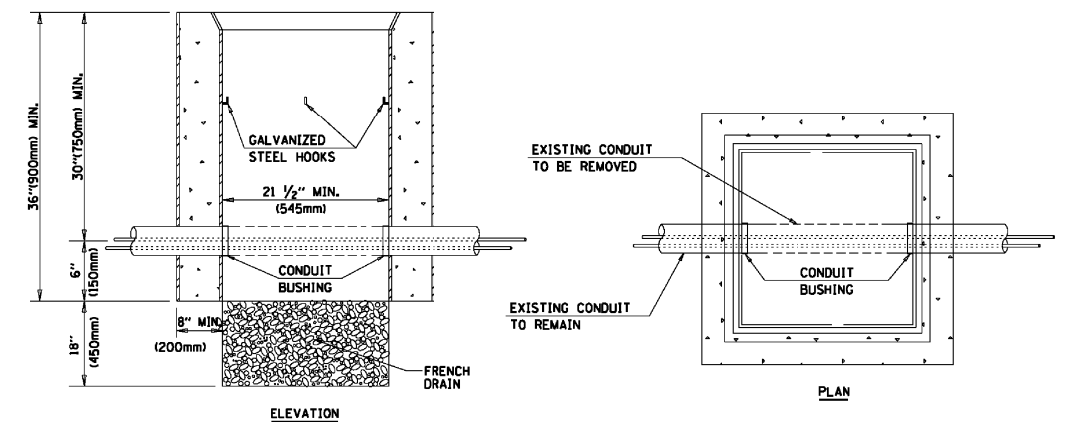
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

TS SHT NO. 6

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	PLOT SCALE = 50.0000' / 1in.	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

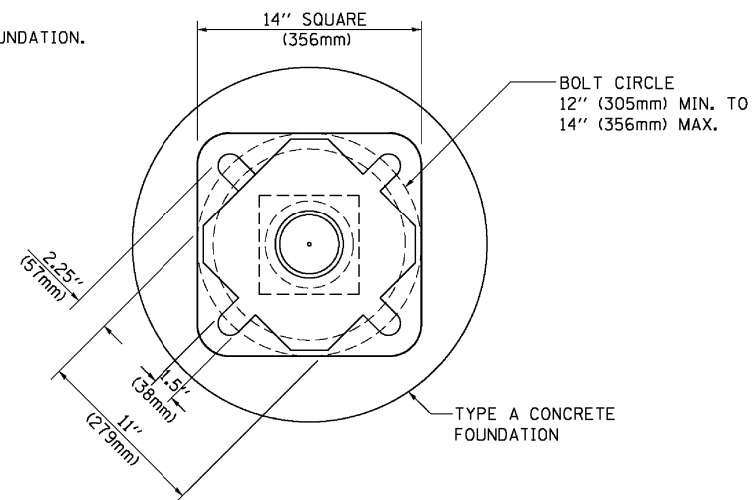
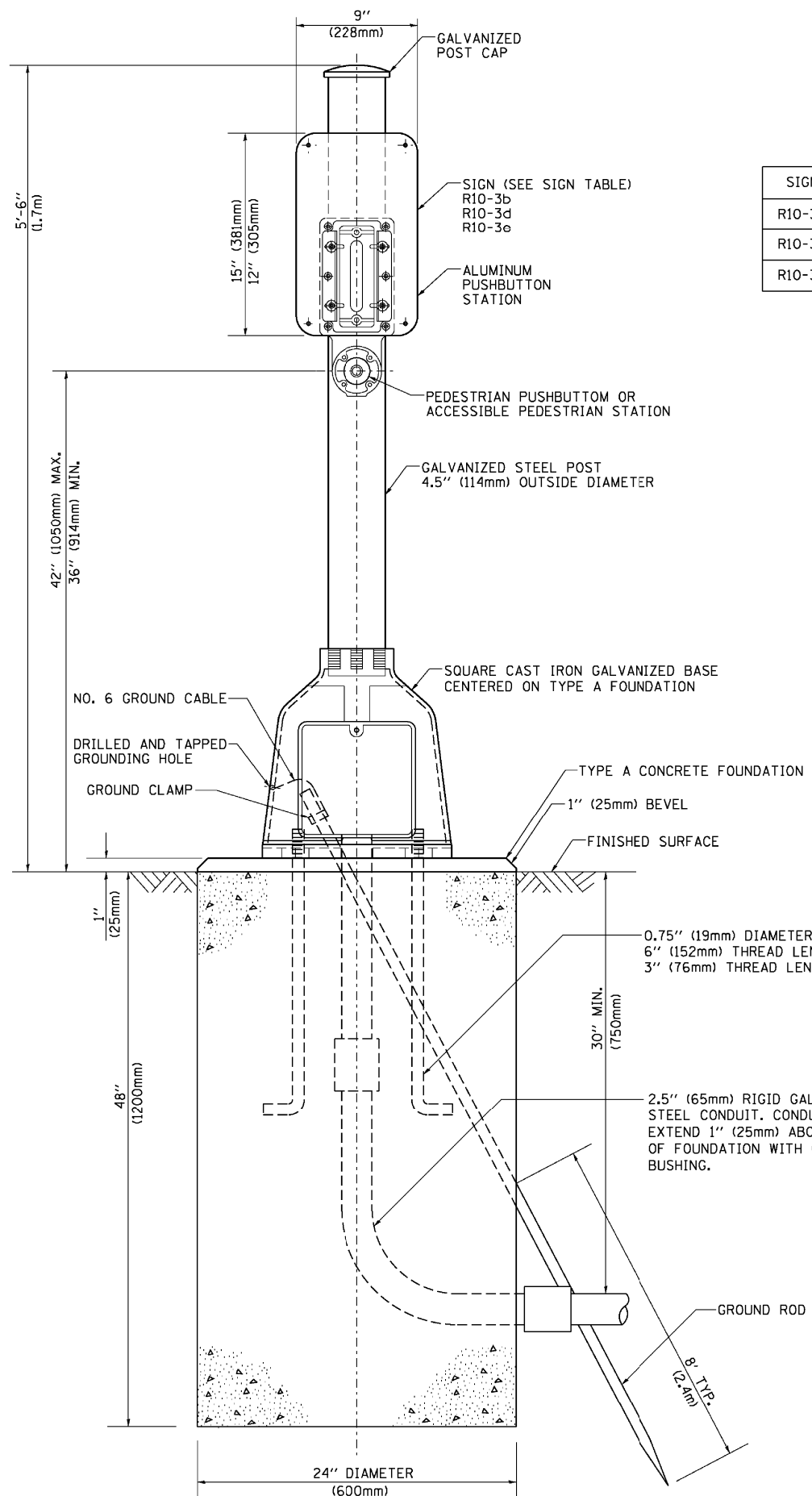
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	17M
TS-05		CONTRACT NO. 62D20		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



BOLT PATTERN
PEDESTRIAN PUSH BUTTON POST, TYPE A

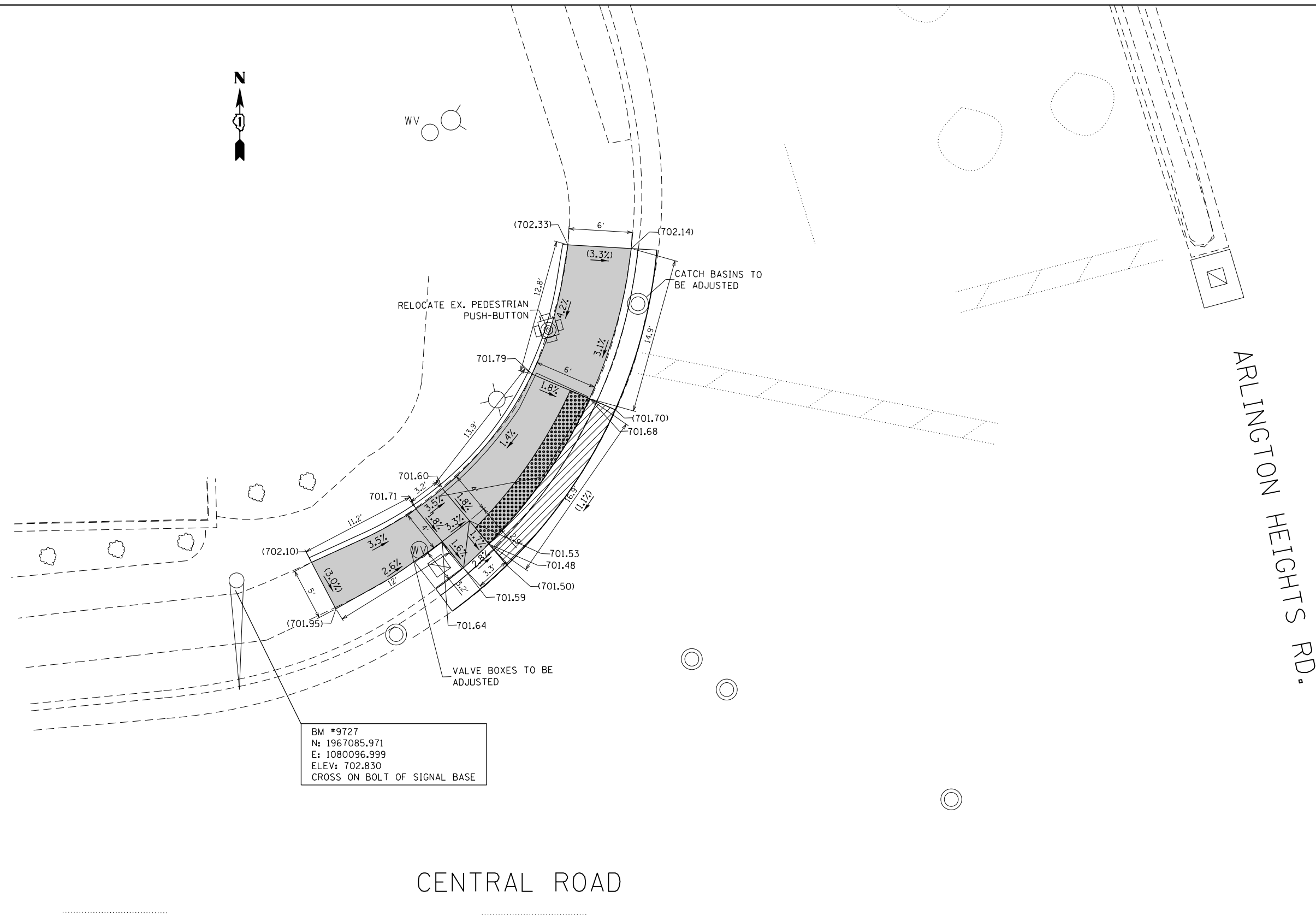
TS SHT NO. 7

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PLOT SCALE = 50.0000 / 1 in.		CHECKED - DAD	REVISED -
PLOT DATE = 1/13/2014		DATE - 10/1/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET NO. 7 OF 7 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	17N
TS-05			CONTRACT NO. 62D20	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

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

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

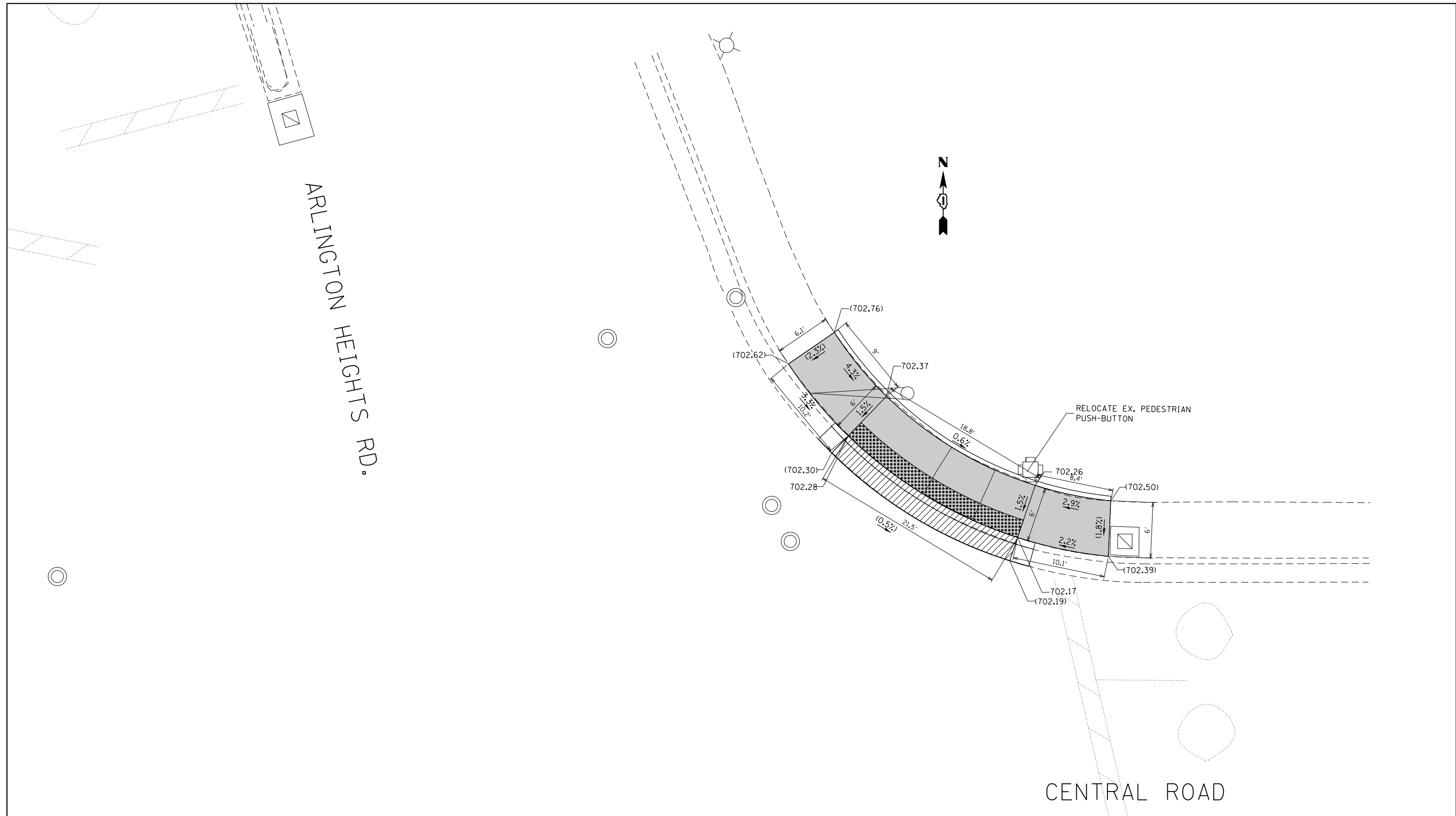
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	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT ARLINGTON HEIGHTS ROAD (STA 5+00)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	



LEGEND

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

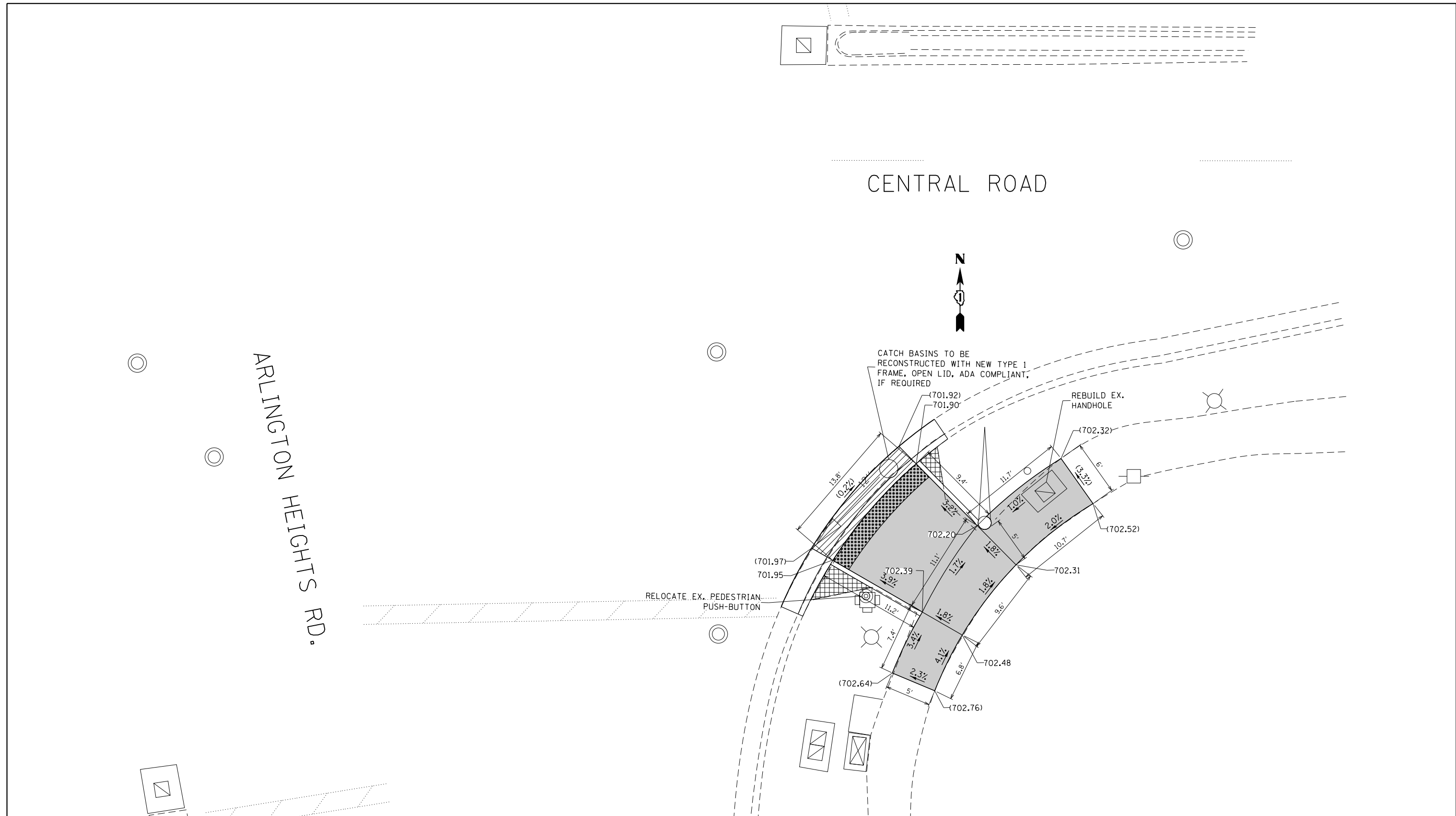
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	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT ARLINGTON HEIGHTS ROAD (STA 5+00)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	19
CONTRACT NO. 62D20				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



ARLINGTON HEIGHTS RD.

CENTRAL ROAD

LEGEND

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

FILE NAME =	USER NAME = DEFEVY	DESIGNED -	REVISED -
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	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT ARLINGTON HEIGHTS ROAD (STA 5+00)**

SCALE: SHEET OF SHEETS STA. TO STA.

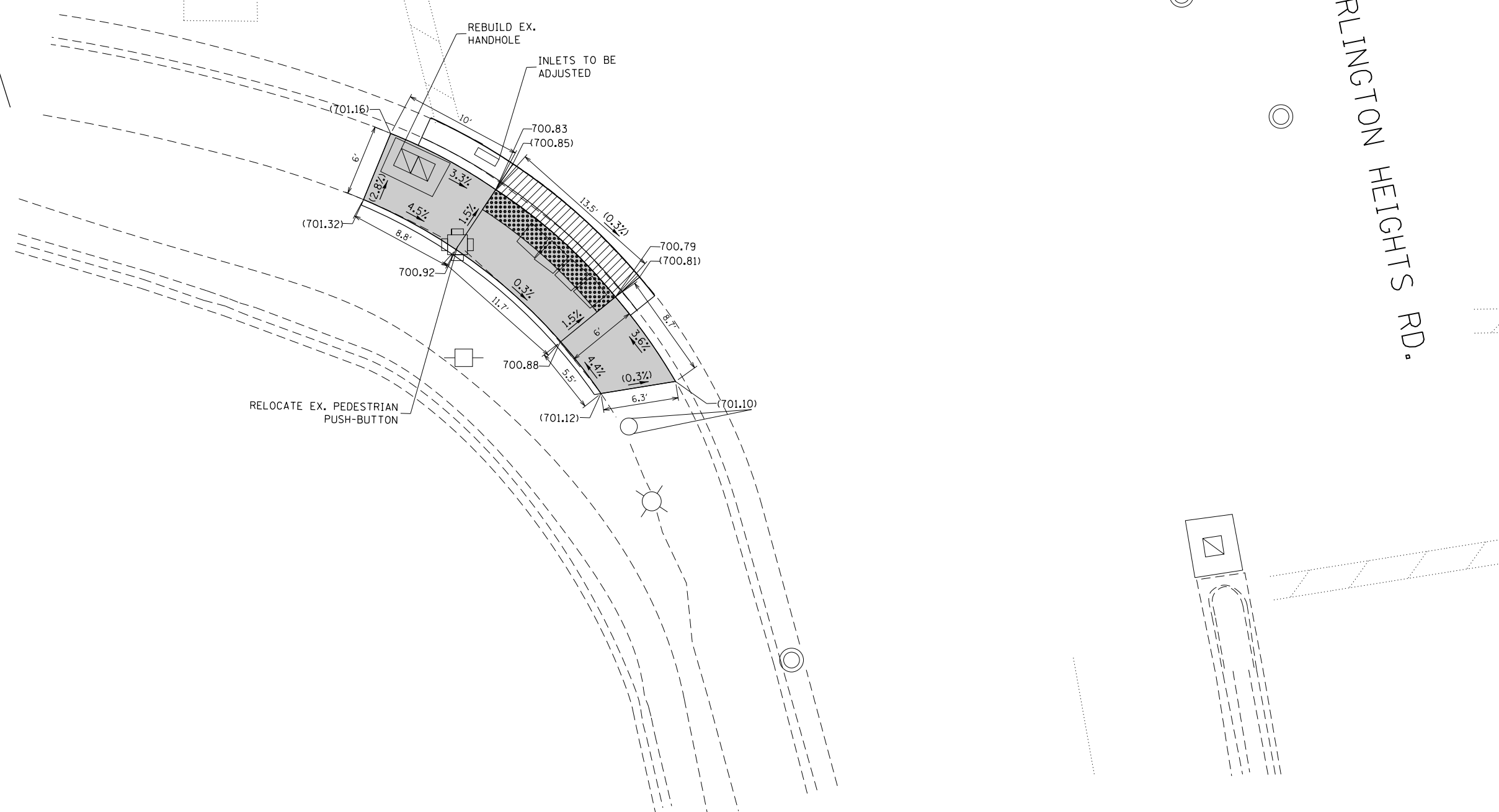
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	20
CONTRACT NO. 62D20				
ILLINOIS FED. AID PROJECT				

CENTRAL ROAD



ARLINGTON HEIGHTS RD.

WTLS CP#135
N: 1966975.305
E: 1080109.926
ELEV: 701.772
CROSS IN WALK



LEGEND

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

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

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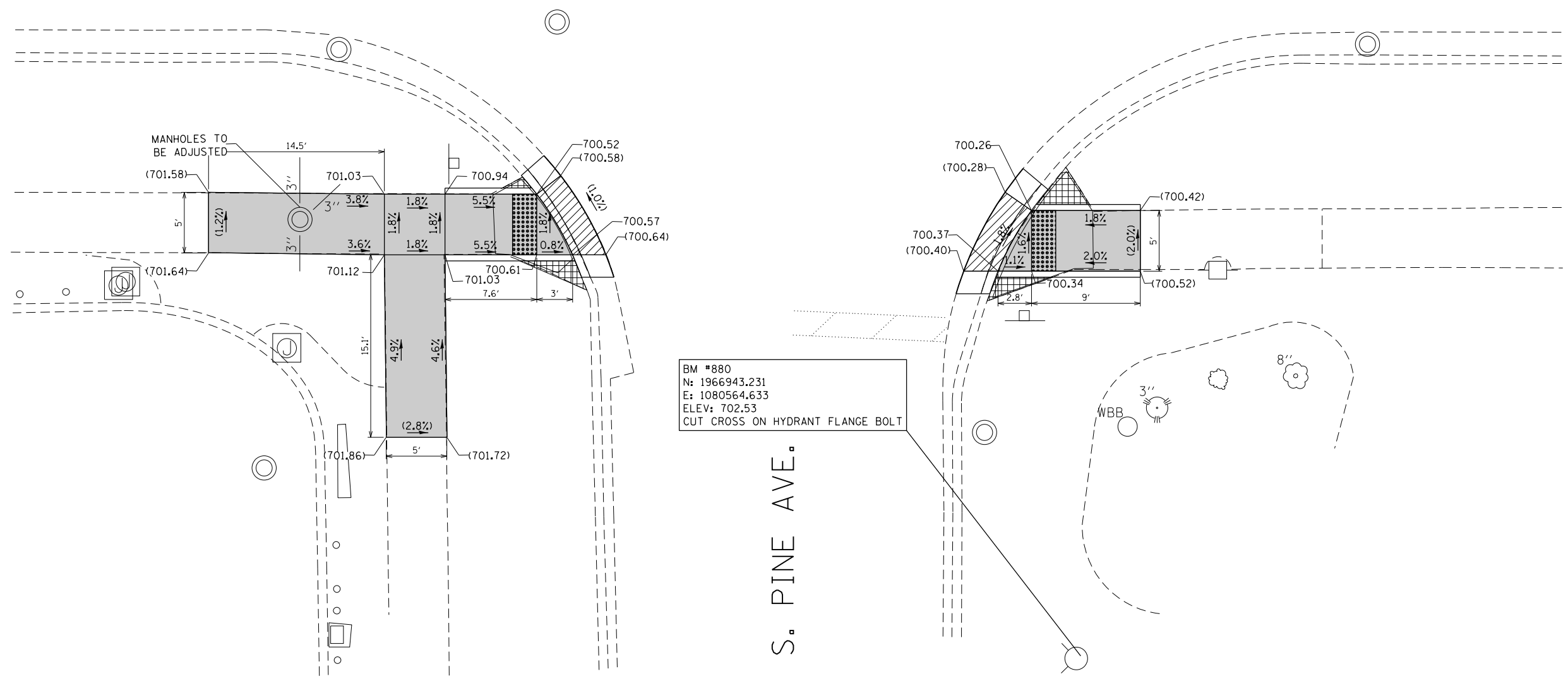
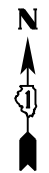
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT ARLINGTON HEIGHTS ROAD (STA 5+00)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	

CENTRAL ROAD



S. PINE AVE.

LEGEND

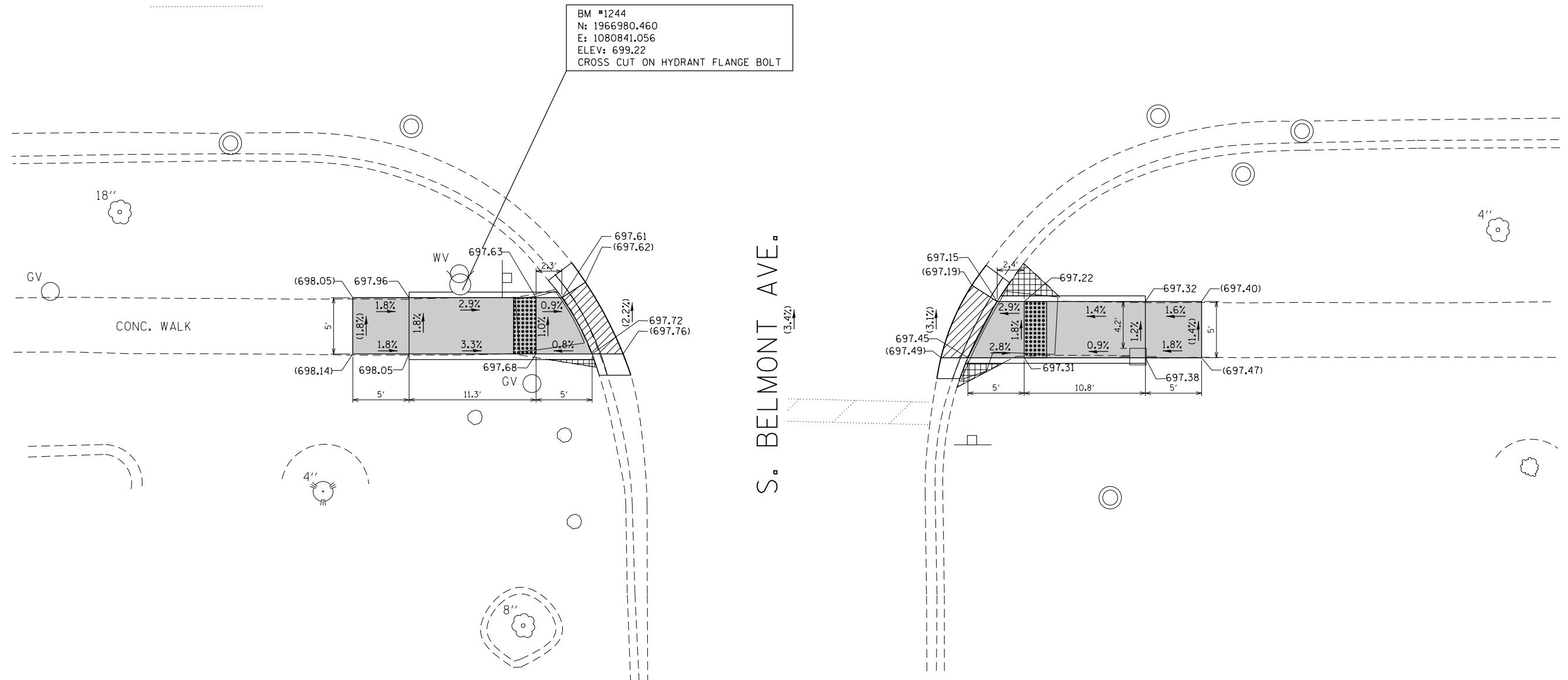
- xx.xx' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- ▨ DEPRESSSED CURB & GUTTER
- ▤ DETECTABLE WARNINGS
- ▥ SIDEWALK REMOVAL
- ▧ REPLACE W/TOPSOIL & SOD

FILE NAME =	USER NAME = DEFEKV	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS CENTRAL ROAD AT S. PINE AVE. (STA 8 + 30)				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI43816\Design\DI43816-sh-7-details.dwg		CHECKED -	REVISED -		1300	(1618 & 1819.1) RS	COOK	107	22				
Default	PLOT SCALE = 10.0000' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 62D20				
	PLOT DATE = 2/2/2018								ILLINOIS FED. AID PROJECT				

CENTRAL ROAD



BM #1244
 N: 1966980.460
 E: 1080841.056
 ELEV: 699.22
 CROSS CUT ON HYDRANT FLANGE BOLT



S. BELMONT AVE.

LEGEND

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

FILE NAME =	USER NAME = DEFEXV	DESIGNED -	REVISED -
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 CENTRAL ROAD AT S. BELMONT AVE. (STA 11 + 50)**

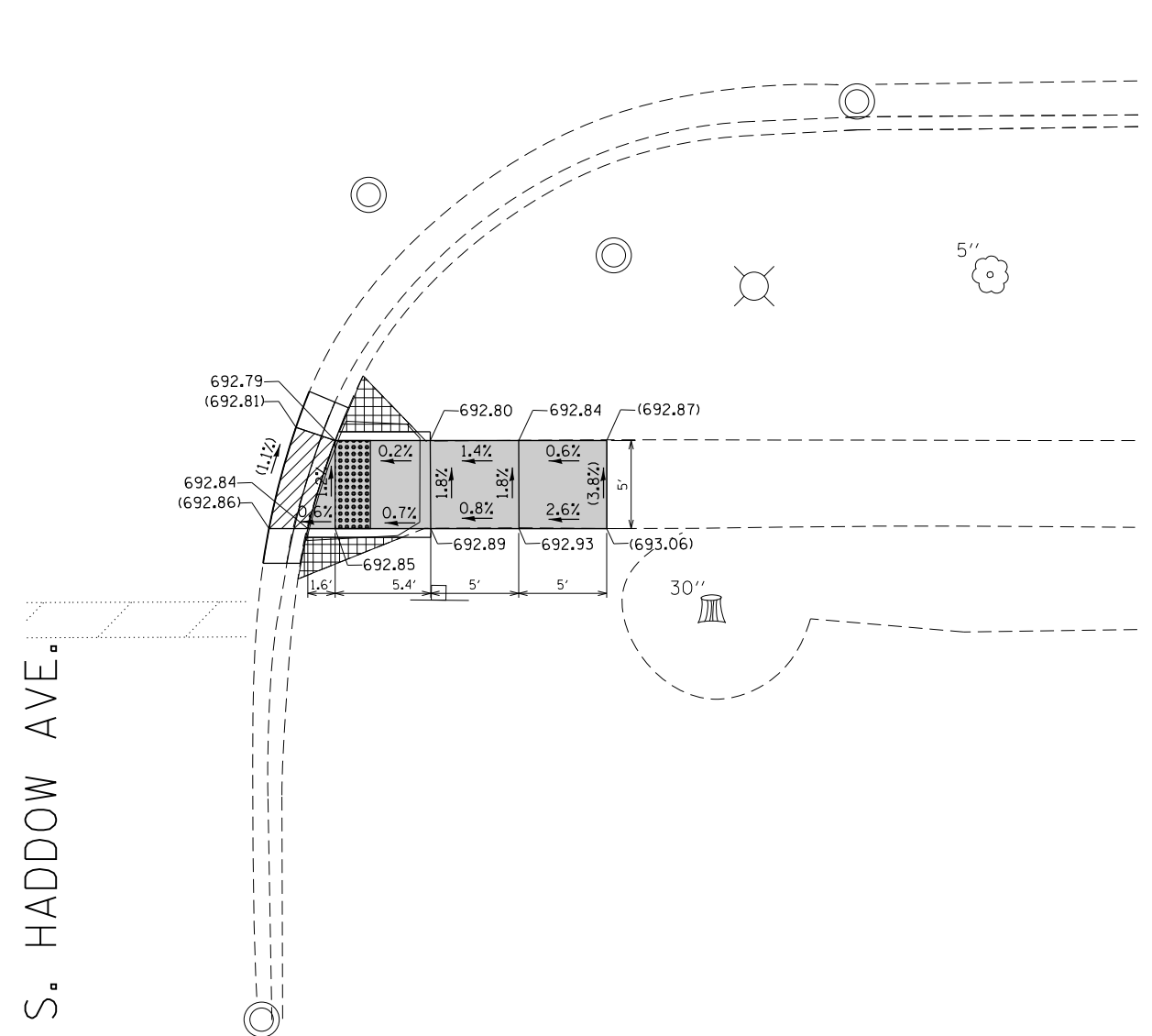
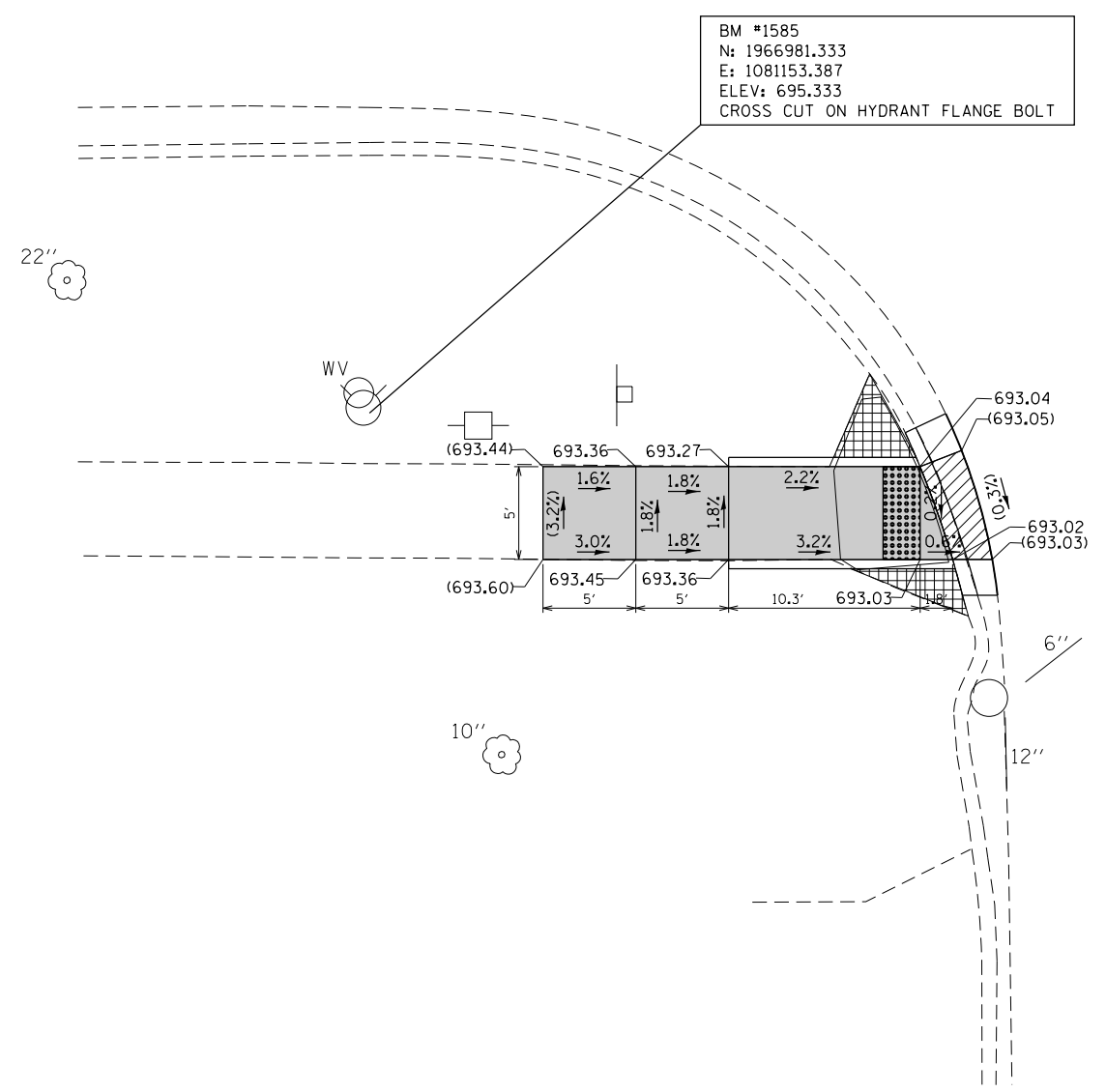
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	

CENTRAL ROAD



BM #1585
 N: 1966981.333
 E: 1081153.387
 ELEV: 695.333
 CROSS CUT ON HYDRANT FLANGE BOLT



S. HADDOW AVE.

LEGEND

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

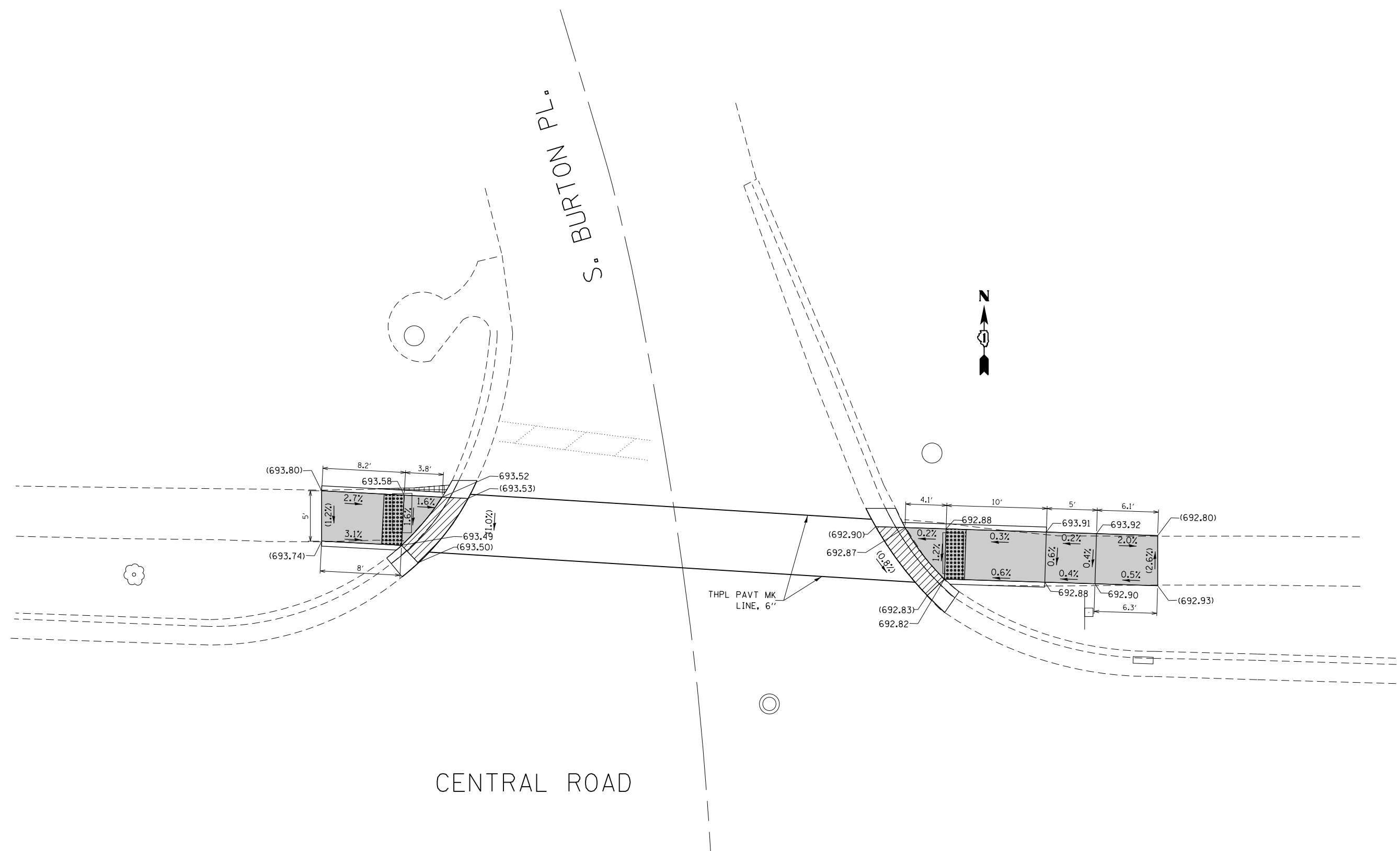
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 CENTRAL ROAD AT S. HADDOW AVE. (STA 15+00)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	



LEGEND

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

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

FILE NAME =	USER NAME = DEFEV	DESIGNED -	REVISED -
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT S. BURTON PL. (STA. 14 + 70)**

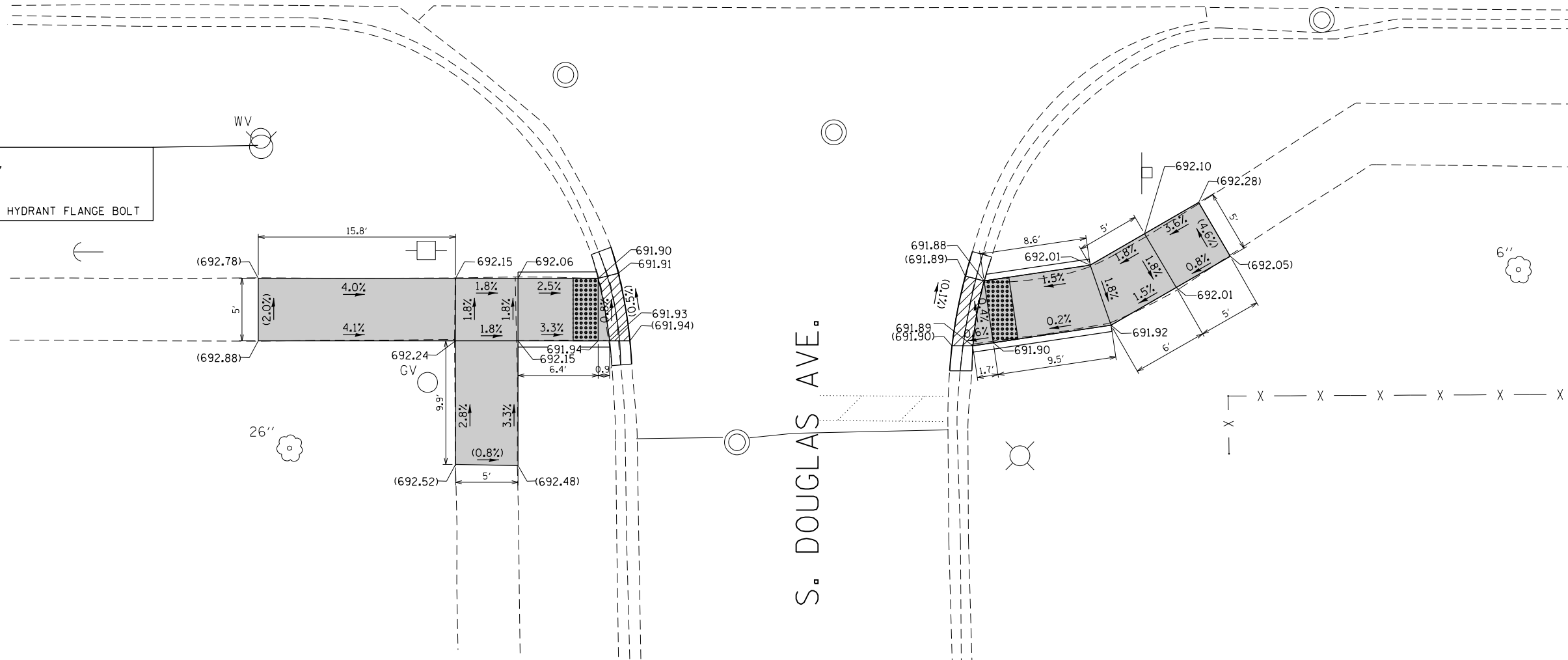
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	25
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	

CENTRAL ROAD



BM #1892
 N: 1966988.667
 E: 1081487.660
 ELEV: 694.615
 CROSS CUT ON HYDRANT FLANGE BOLT



LEGEND

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

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

FILE NAME =	USER NAME = DEFEV	DESIGNED -	REVISED -
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2018	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
 CENTRAL ROAD AT S. DOUGLAS AVE. (STA. 18 + 10)

SCALE: SHEET OF SHEETS STA. TO STA.

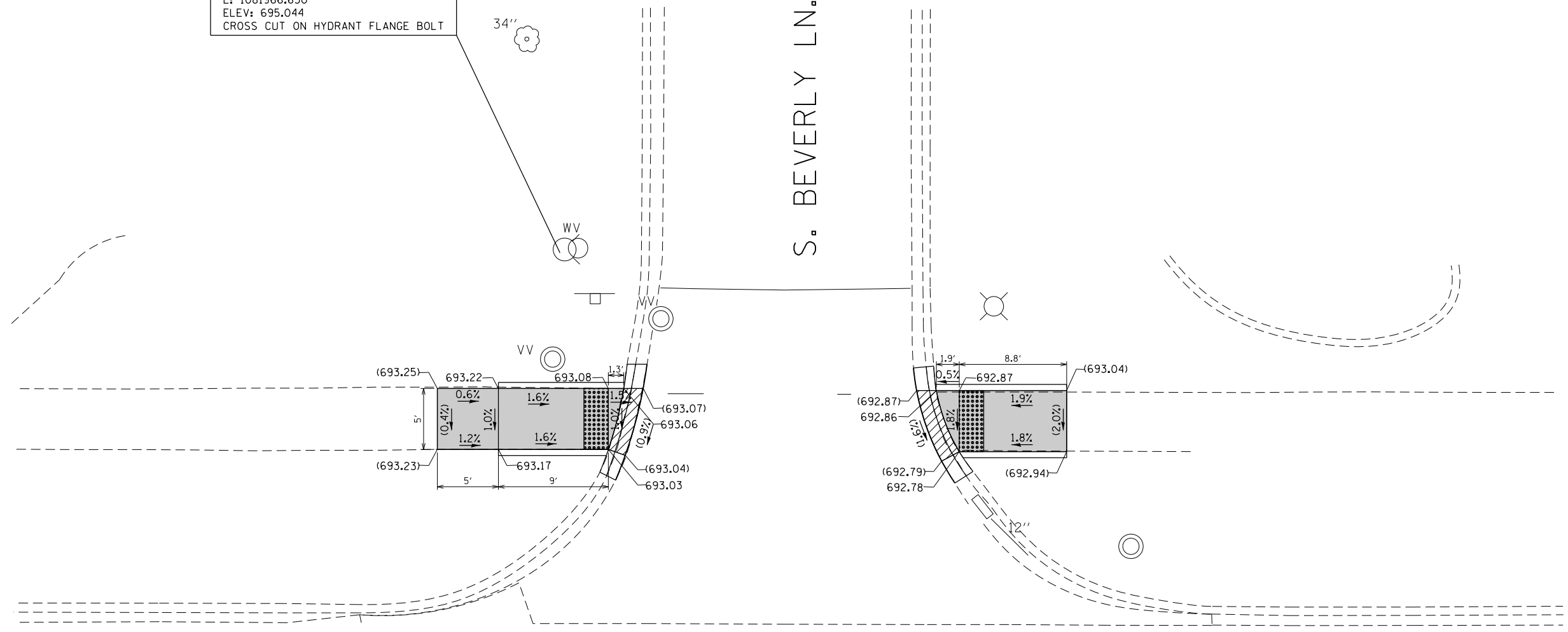
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	26
CONTRACT NO. 62D20			ILLINOIS FED. AID PROJECT	



BM #2169
 N: 1967073.299
 E: 1081966.630
 ELEV: 695.044
 CROSS CUT ON HYDRANT FLANGE BOLT

34"

S. BEVERLY LN.



CENTRAL ROAD

LEGEND

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

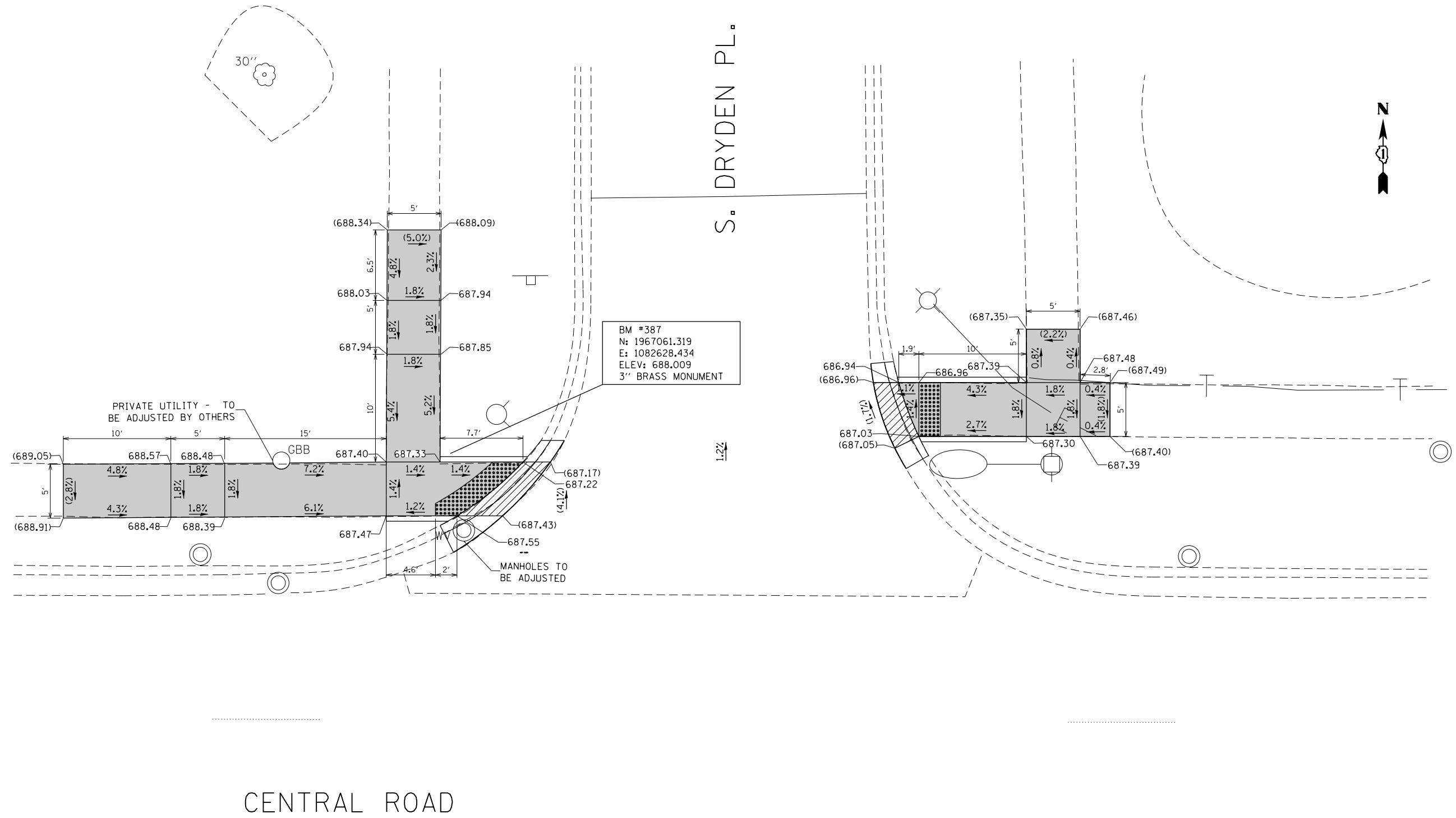
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISD -
	PLOT DATE = 2/2/2018	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 CENTRAL ROAD AT S. BEVERLY LN. (STA 22+90)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	27
CONTRACT NO. 62D20				
ILLINOIS FED. AID PROJECT				



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	PLOT DATE = 2/2/2018	DATE -	REVISED -

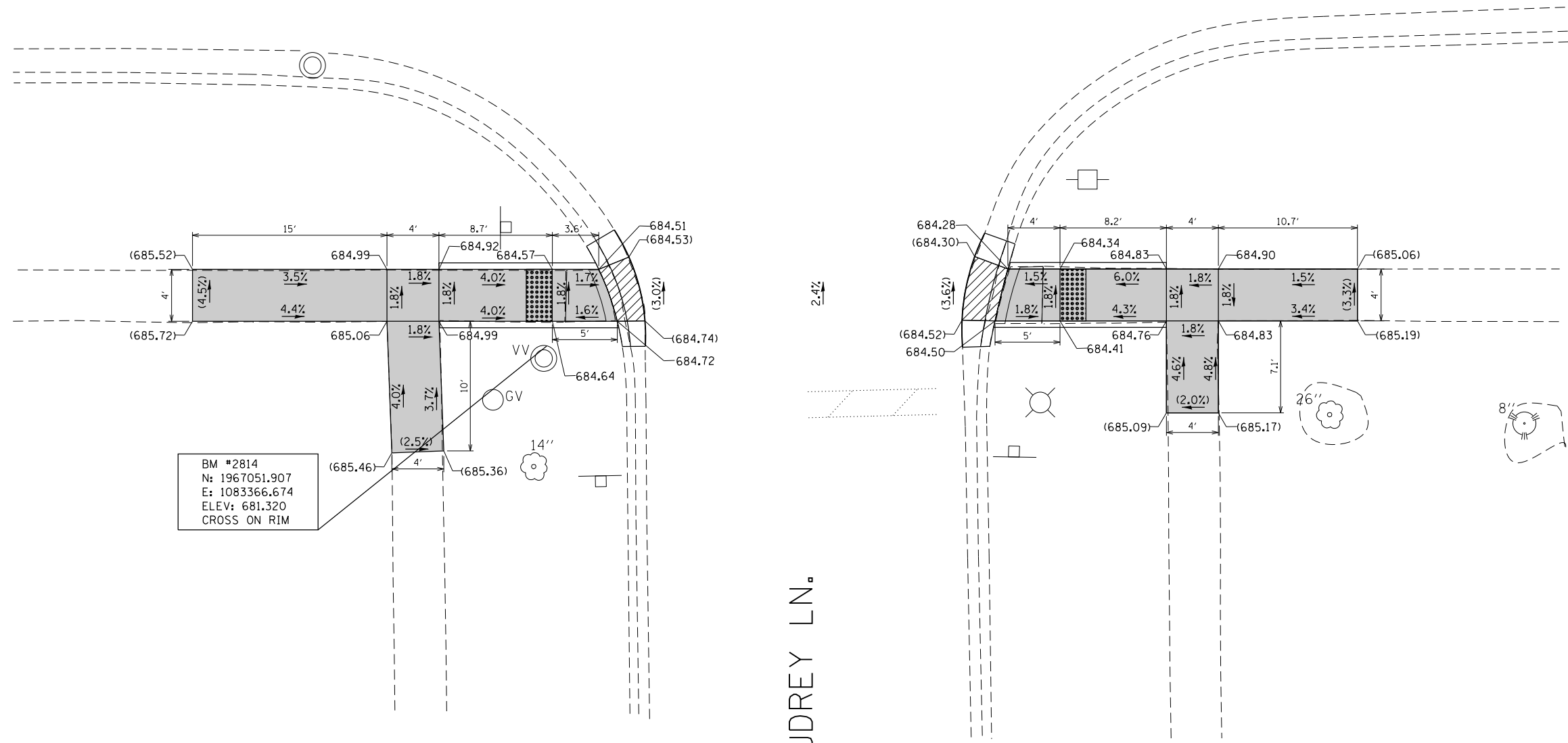
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT S. DRYDEN PL. (STA 29+50)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	

CENTRAL ROAD



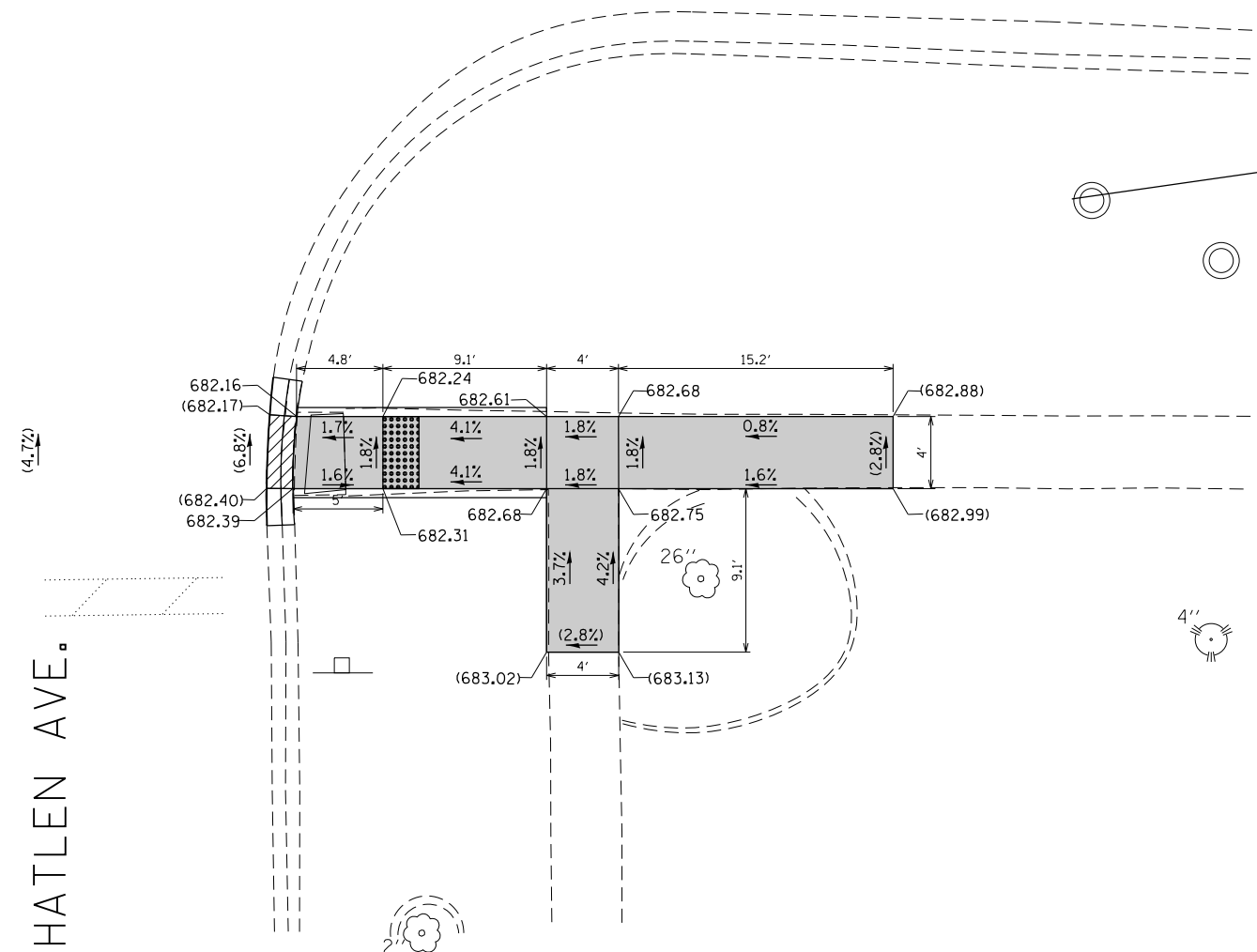
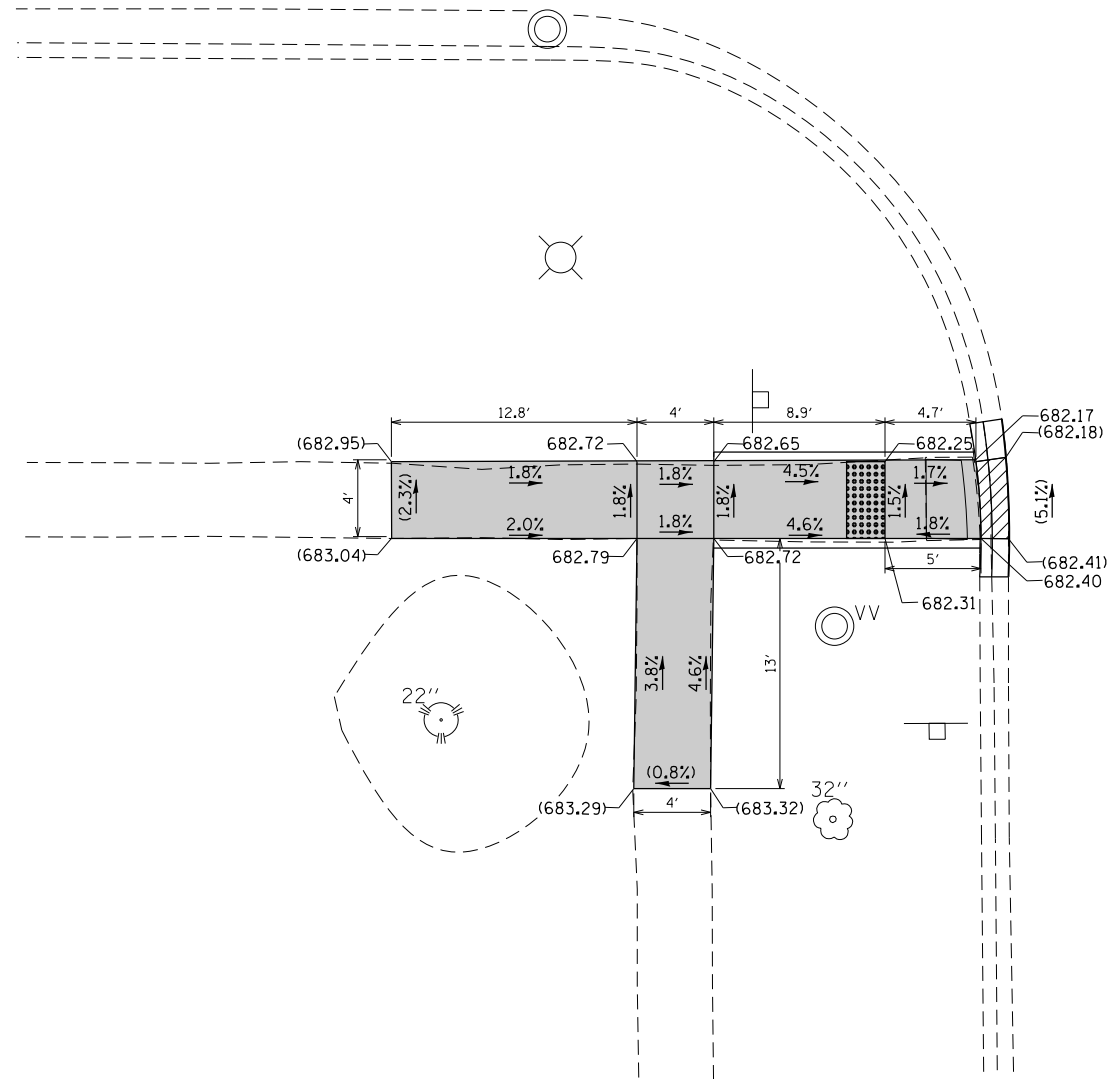
S. AUDREY LN.

LEGEND

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

FILE NAME =	USER NAME = DEFEV	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS CENTRAL ROAD AT S. AUDREY LN. (STA 33+50)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 2/2/2018	DATE -	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT				

CENTRAL ROAD



BM #2815
 N: 1966983.080
 E: 1083414.688
 ELEV: 681.379
 CROSS ON RIM

HATLEN AVE.

LEGEND

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

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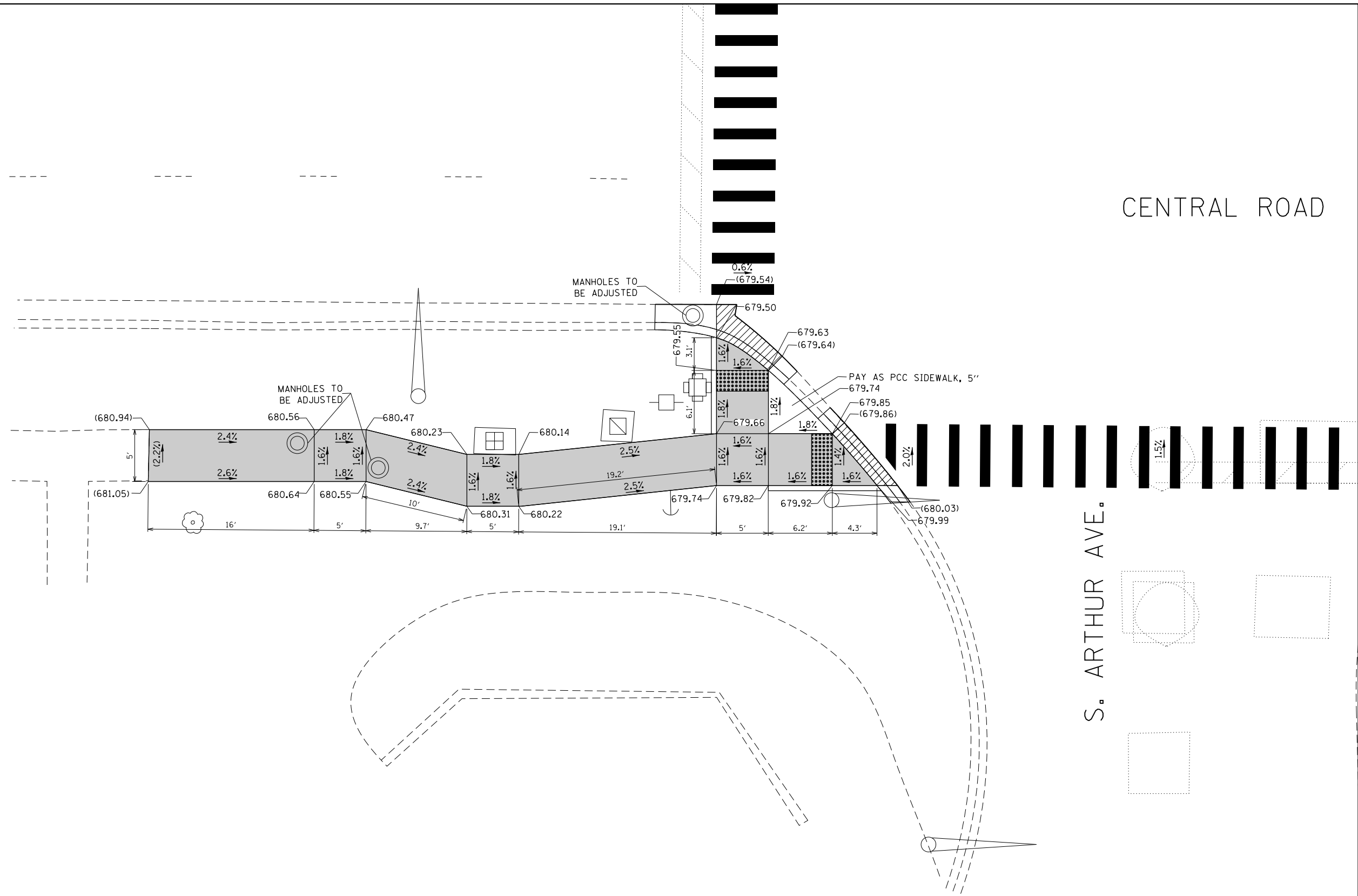
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
 CENTRAL ROAD AT HATLEN AVE. (STA 36+60)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	32
CONTRACT NO. 62D20				
ILLINOIS FED. AID PROJECT				

CENTRAL ROAD



S. ARTHUR AVE.

LEGEND

xx.xx'

EXISTING LENGTH

()

EXISTING ELEVATION/SLOPE

—

PROPOSED SIDE CURB



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL

REPLACE W/TOPSOIL & SOD



DEPRESSED CURB & GUTTER

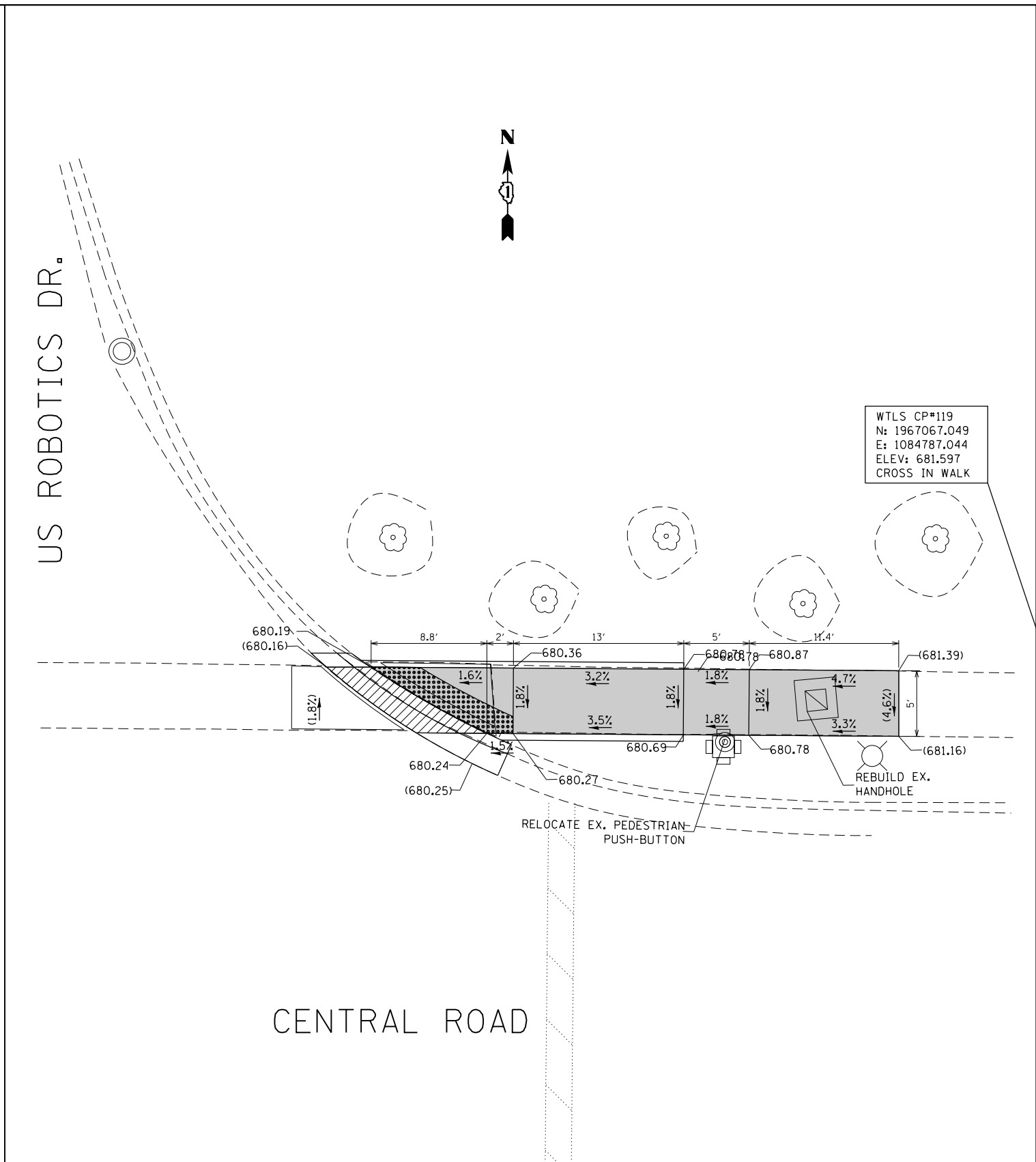
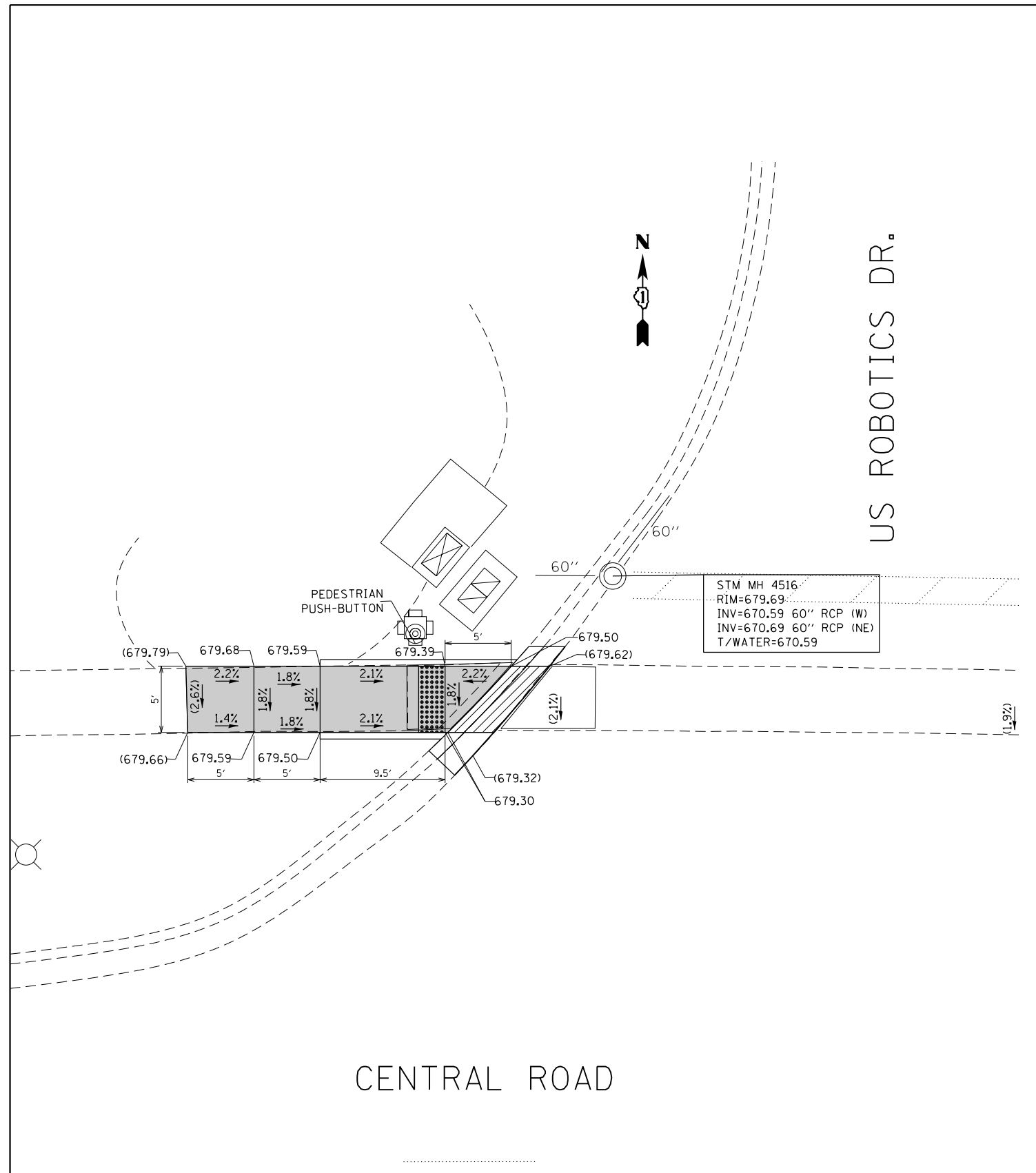
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT S. ARTHUR AVE. (STA 42+50)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	



LEGEND

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

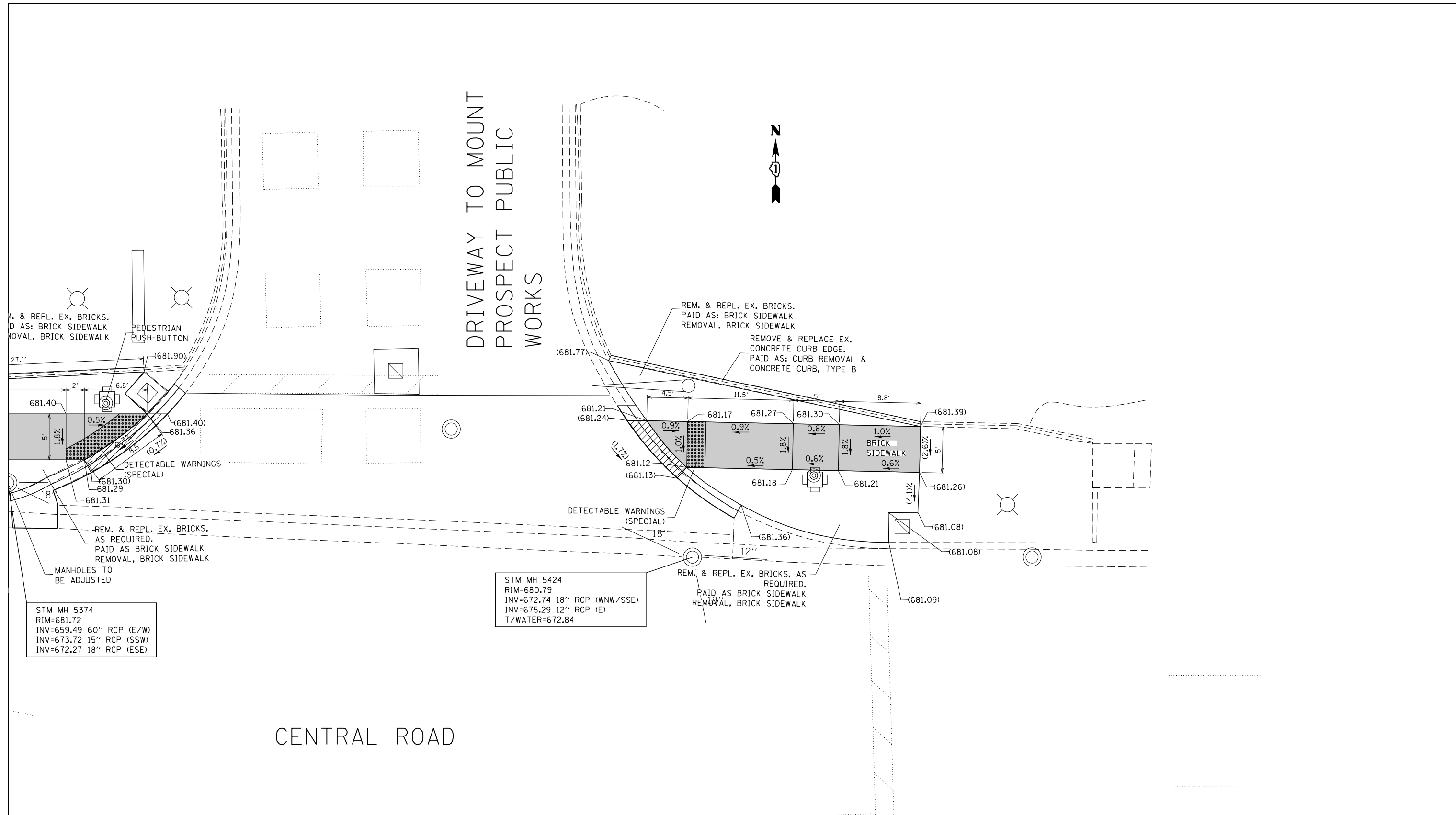
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT US ROBOTICS DR. (STA 49+80)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	



LEGEND

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

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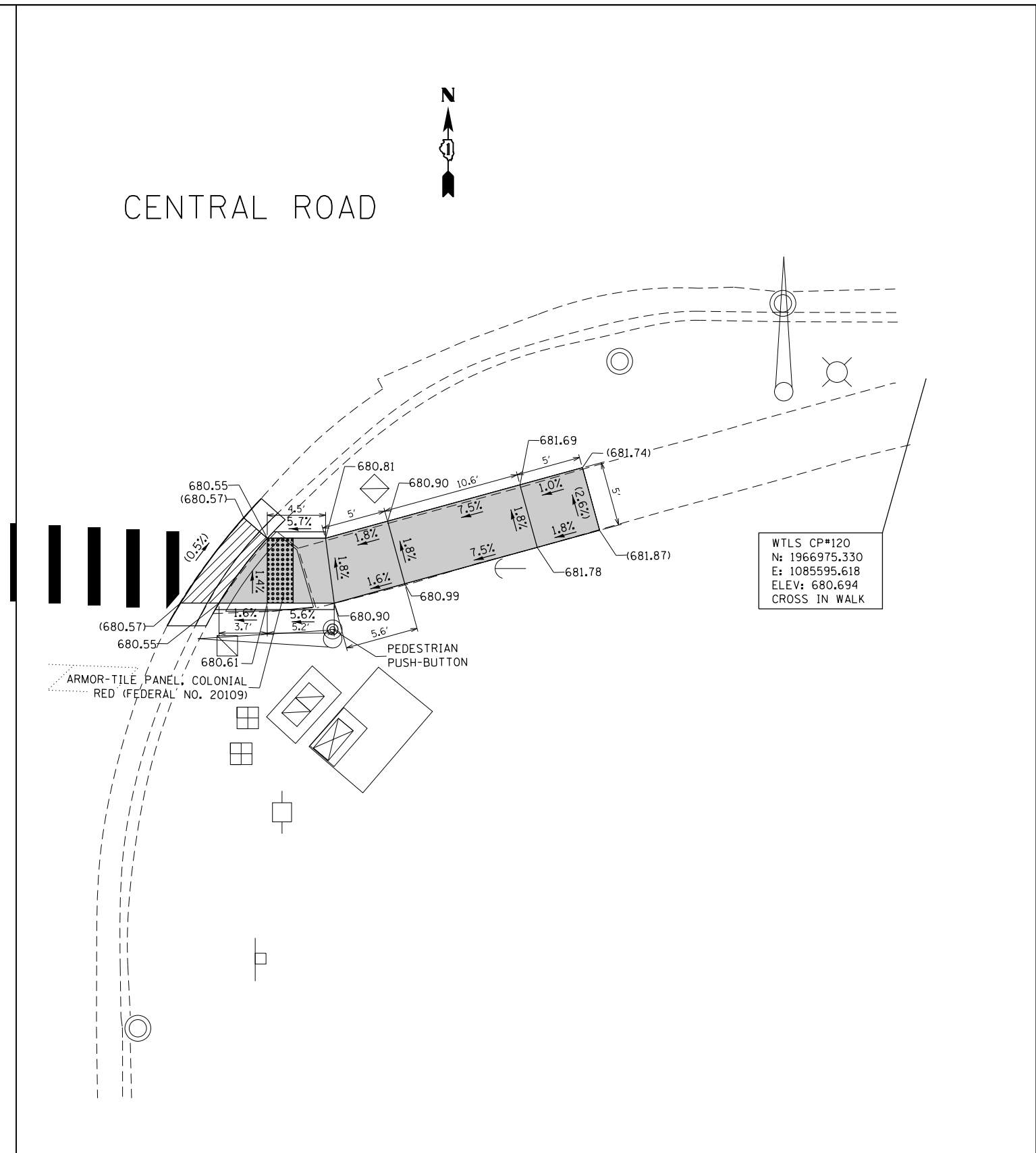
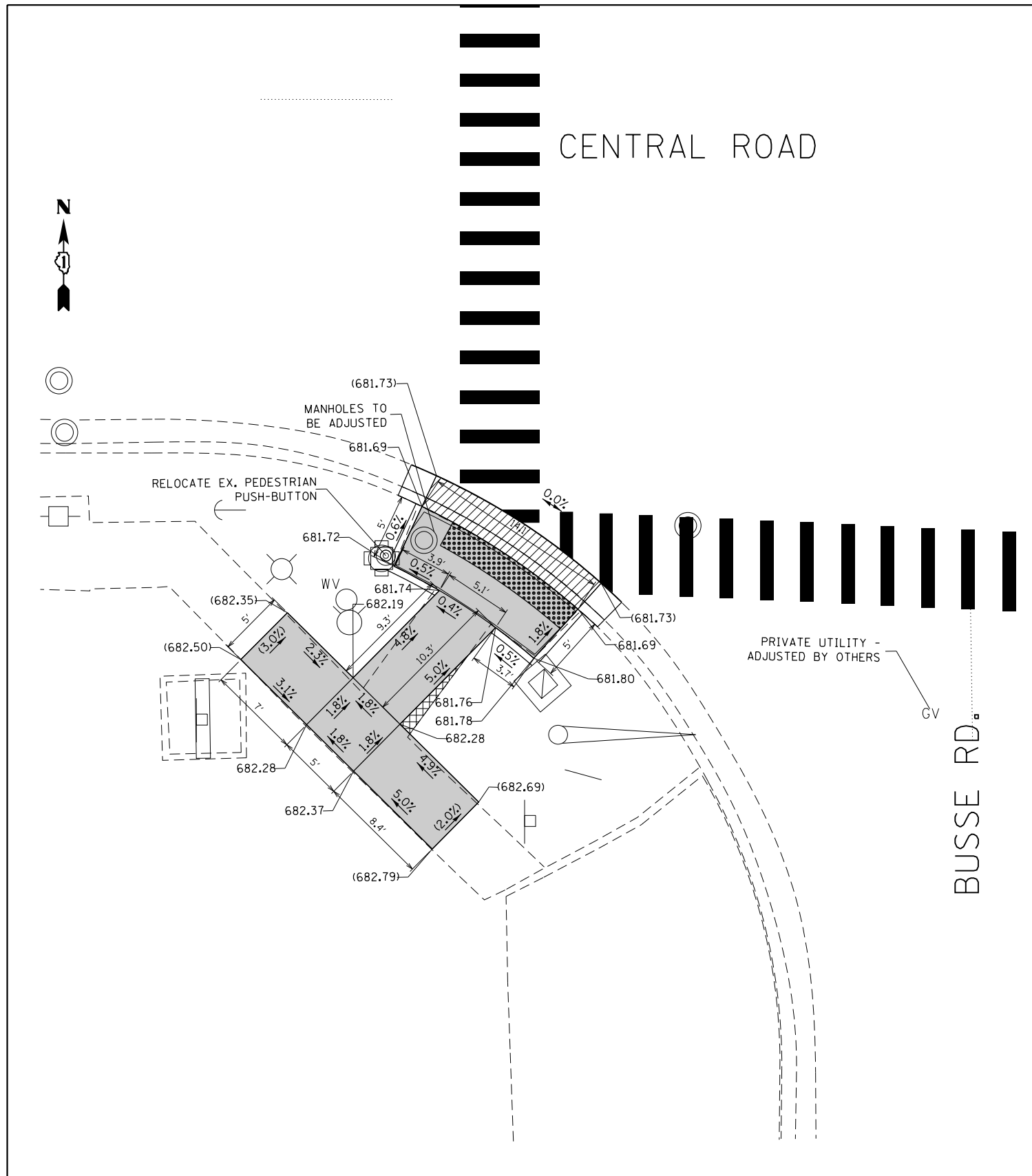
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT MOUNT PROSPECT PUBLIC WORKS (STA 58+00)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	38
CONTRACT NO. 62D20				

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT



LEGEND

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

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

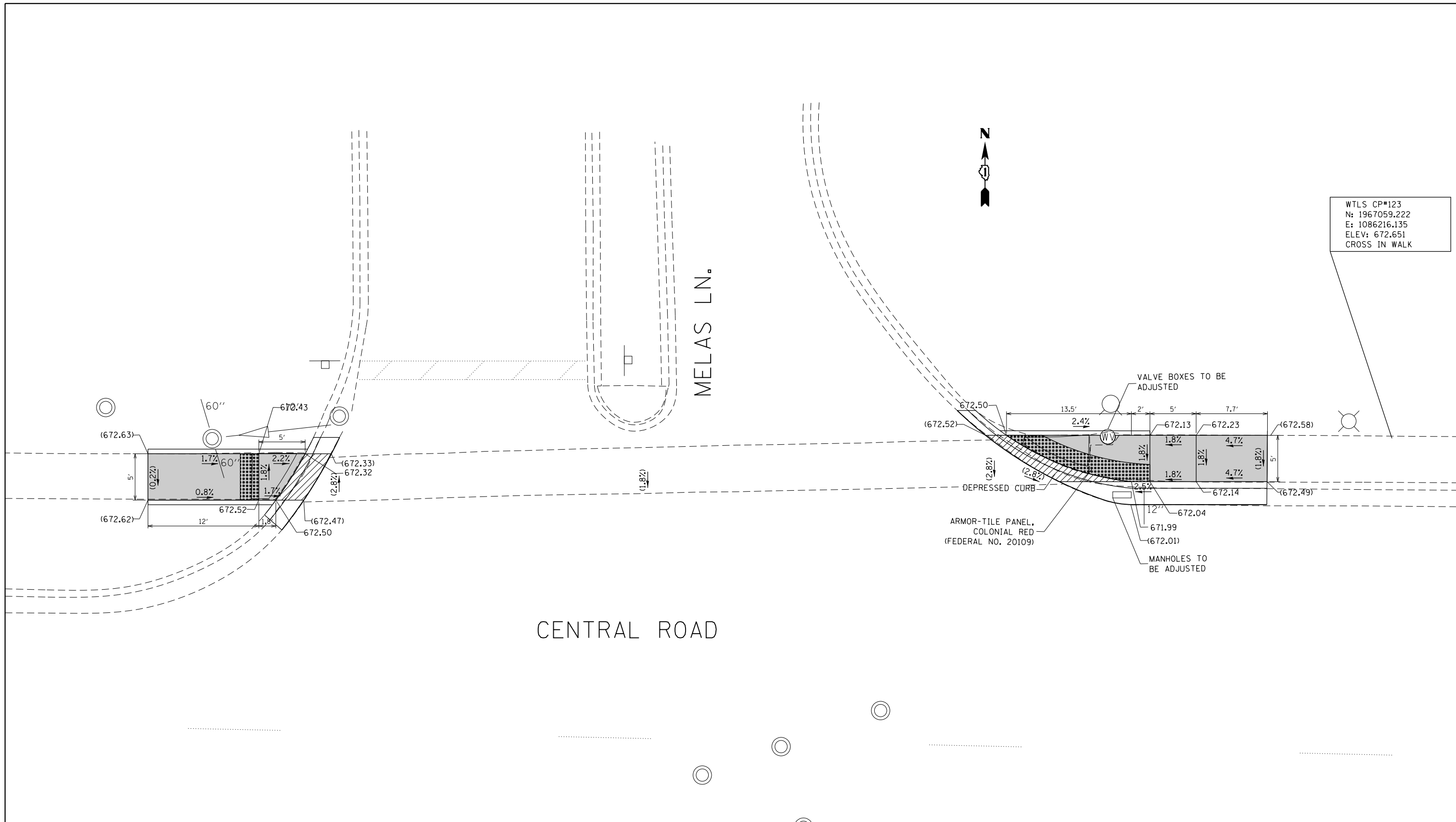
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT BUSSE RD. (STA 58 + 00)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	



WTLS CP#123
 N: 1967059.222
 E: 1086216.135
 ELEV: 672.651
 CROSS IN WALK

LEGEND

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

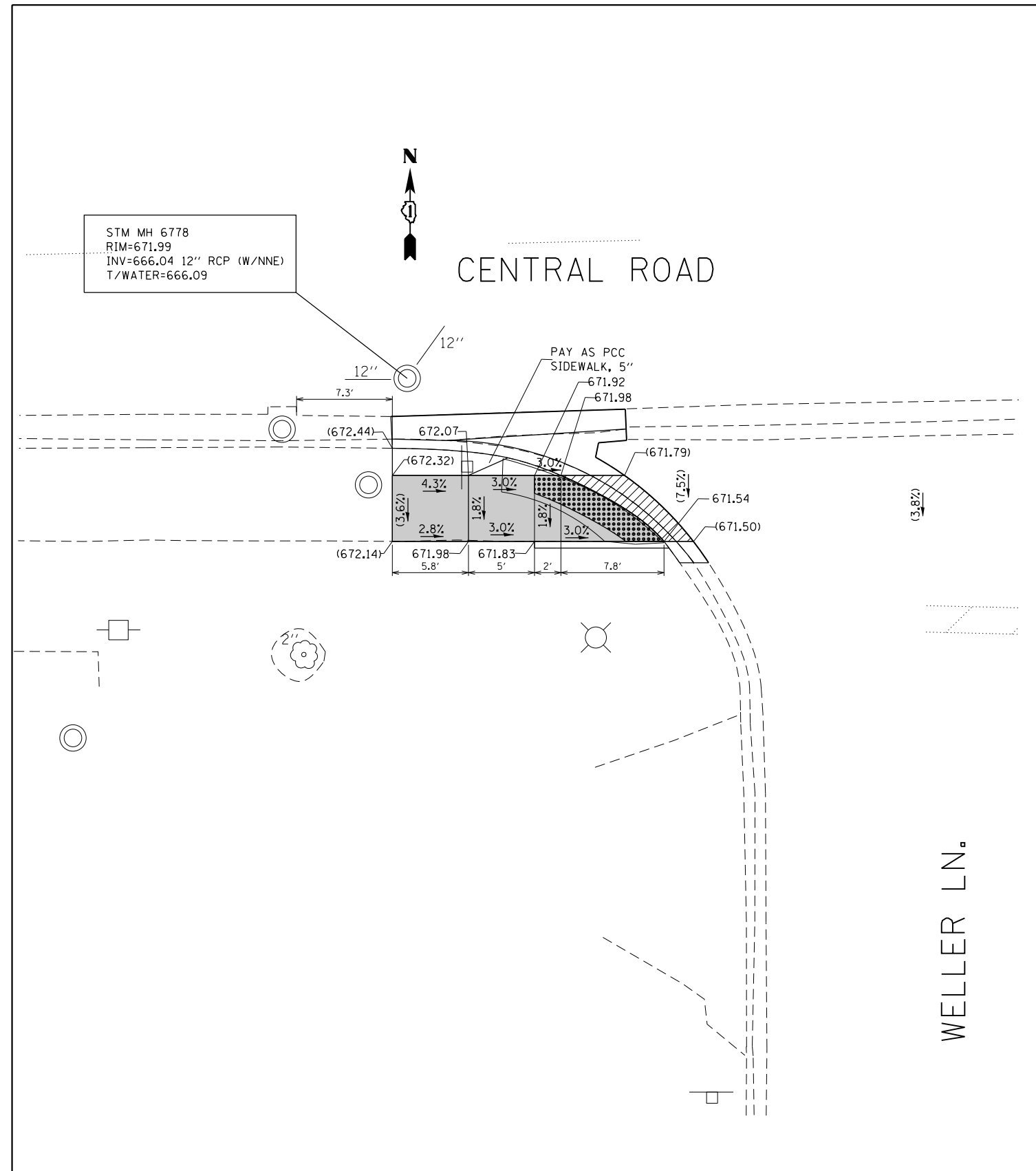
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

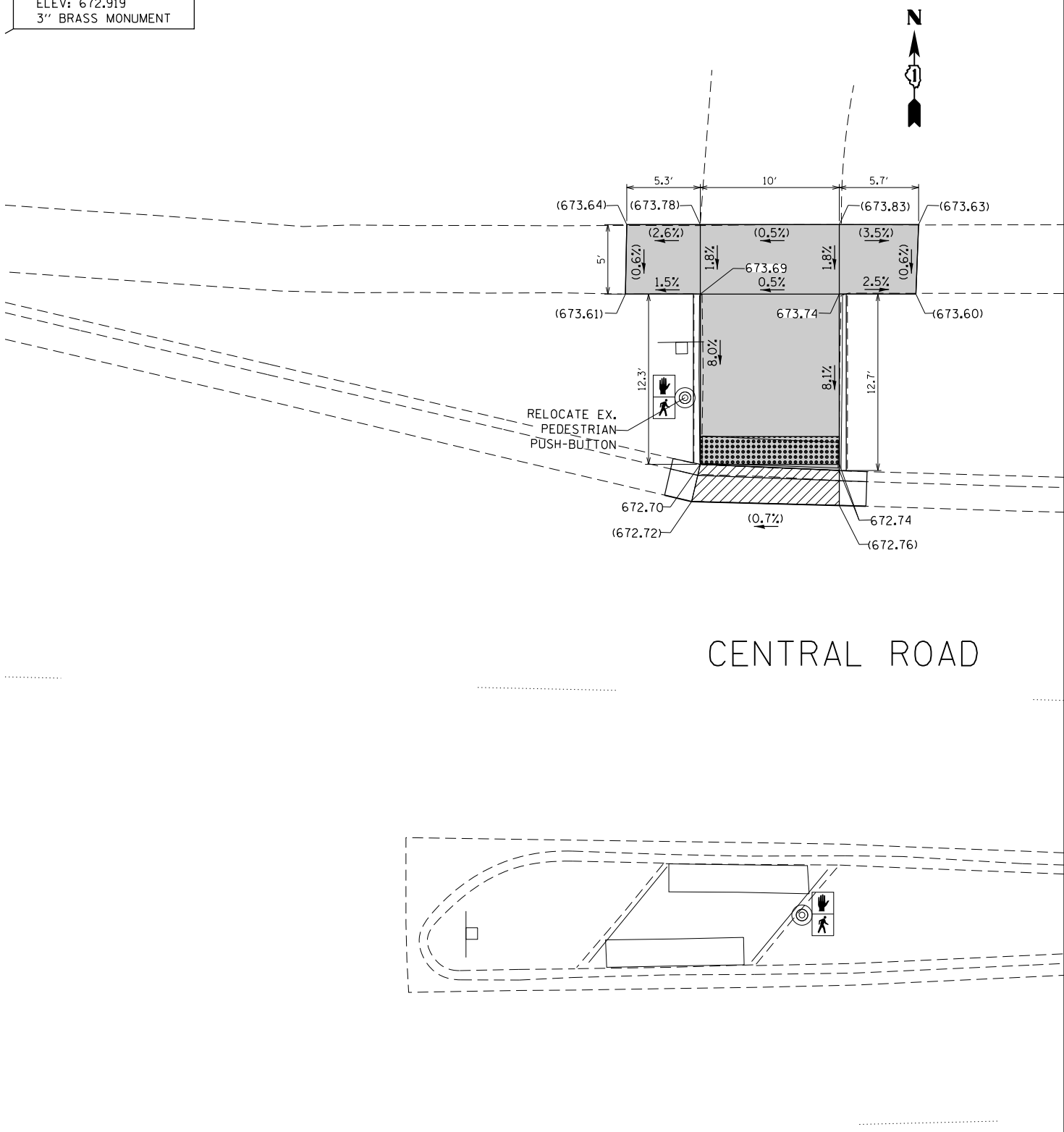
**ADA RAMP DETAILS
 CENTRAL ROAD AT MELAS LN. (STA 64 + 25)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	40
CONTRACT NO. 62D20				
ILLINOIS FED. AID PROJECT				



BM #5643
 N: 1967060.029
 E: 1086233.672
 ELEV: 672.919
 3" BRASS MONUMENT



LEGEND

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

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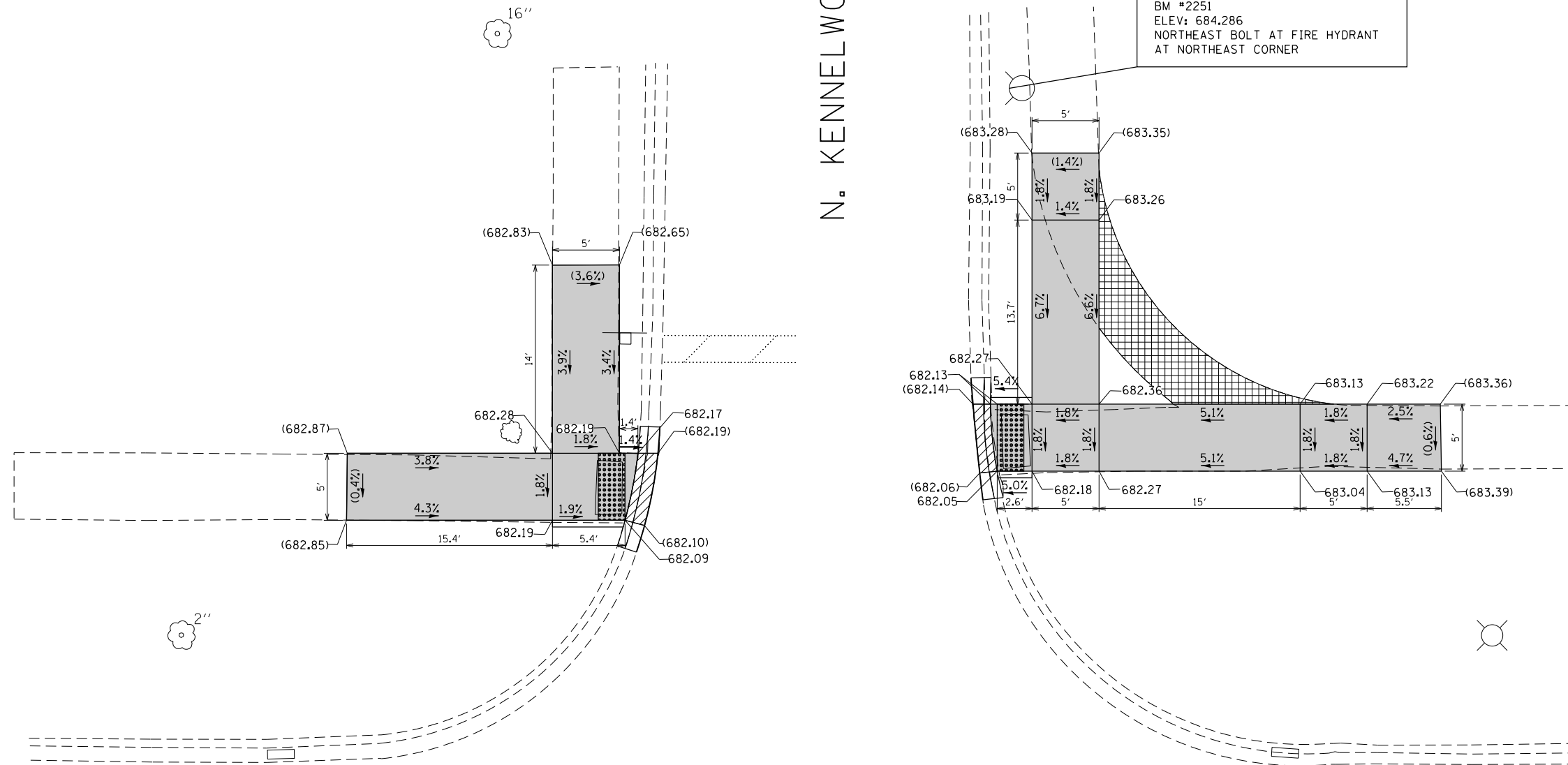
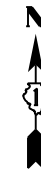
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 CENTRAL ROAD AT WELLER LN. & MID-BLOCK (STA 65+00 & 66+00)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	41
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	

N. KENNELWORTH AVE.



LEGEND

xx.xx'

EXISTING LENGTH

()

EXISTING ELEVATION/SLOPE

—

PROPOSED SIDE CURB



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL

REPLACE W/TOPSOIL & SOD



DEPRESSED CURB & GUTTER

FILE NAME =	USER NAME = DEFEKV	DESIGNED -	REVISOR -
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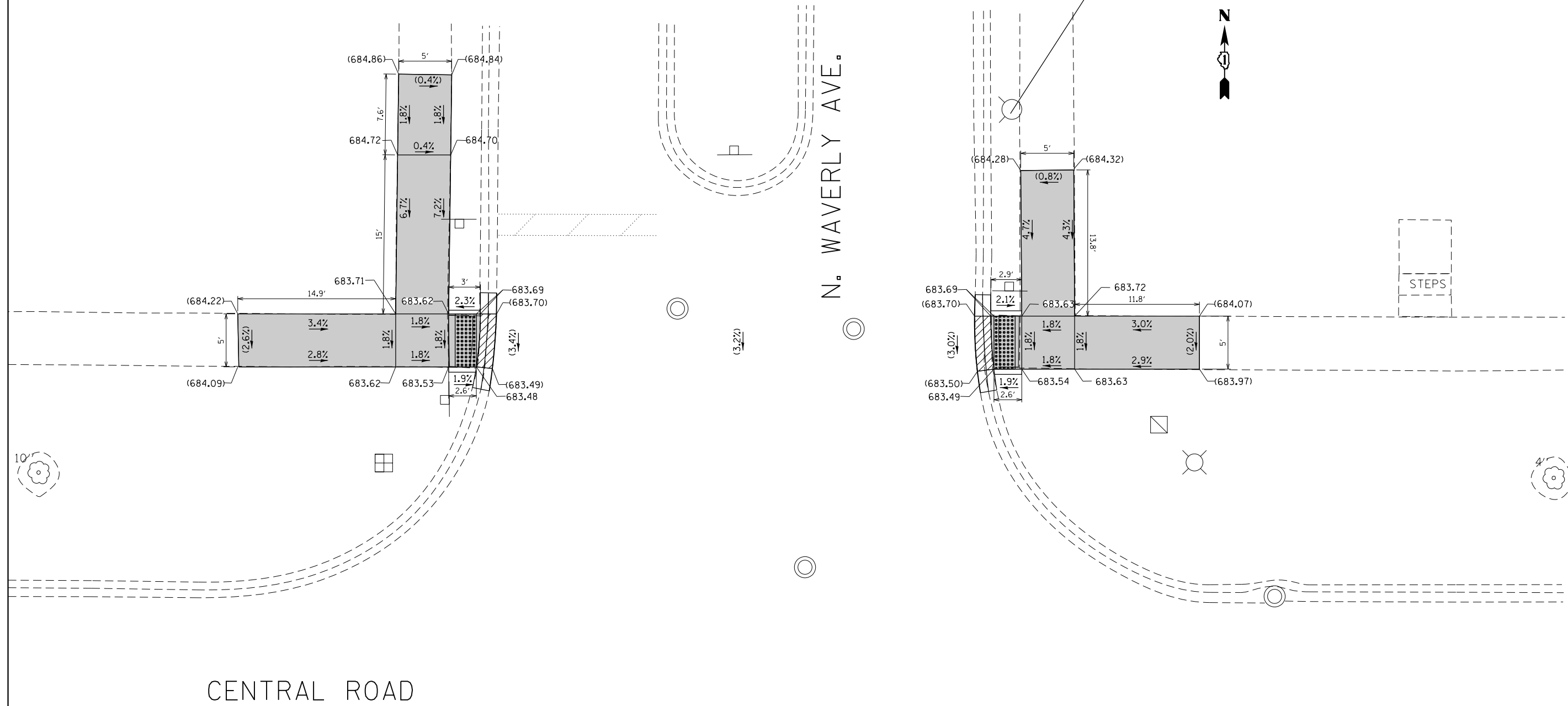
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT N. KENNELWORTH AVE. (STA 73+00)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	

BM #6897
 N: 1967071.794
 E: 1087397.243
 ELEV: 685.988
 CROSS ON HYDRANT FLANGE BOLT



LEGEND

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

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

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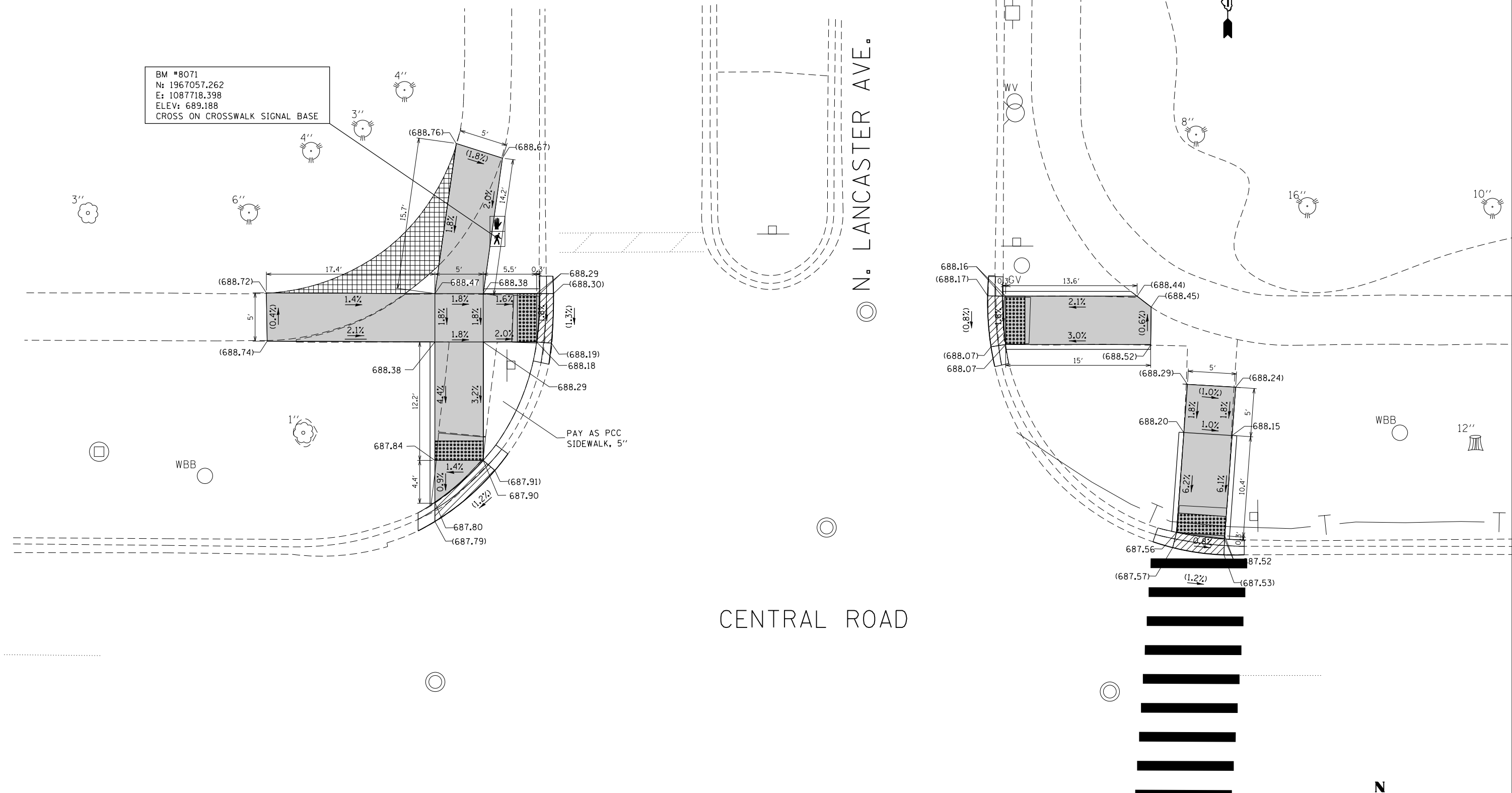
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 CENTRAL ROAD AT N. WAVERLY AVE. (STA 76+60)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	43
CONTRACT NO. 62D20			ILLINOIS FED. AID PROJECT	

BM #8071
 N: 1967057.262
 E: 1087718.398
 ELEV: 689.188
 CROSS ON CROSSWALK SIGNAL BASE



LEGEND

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

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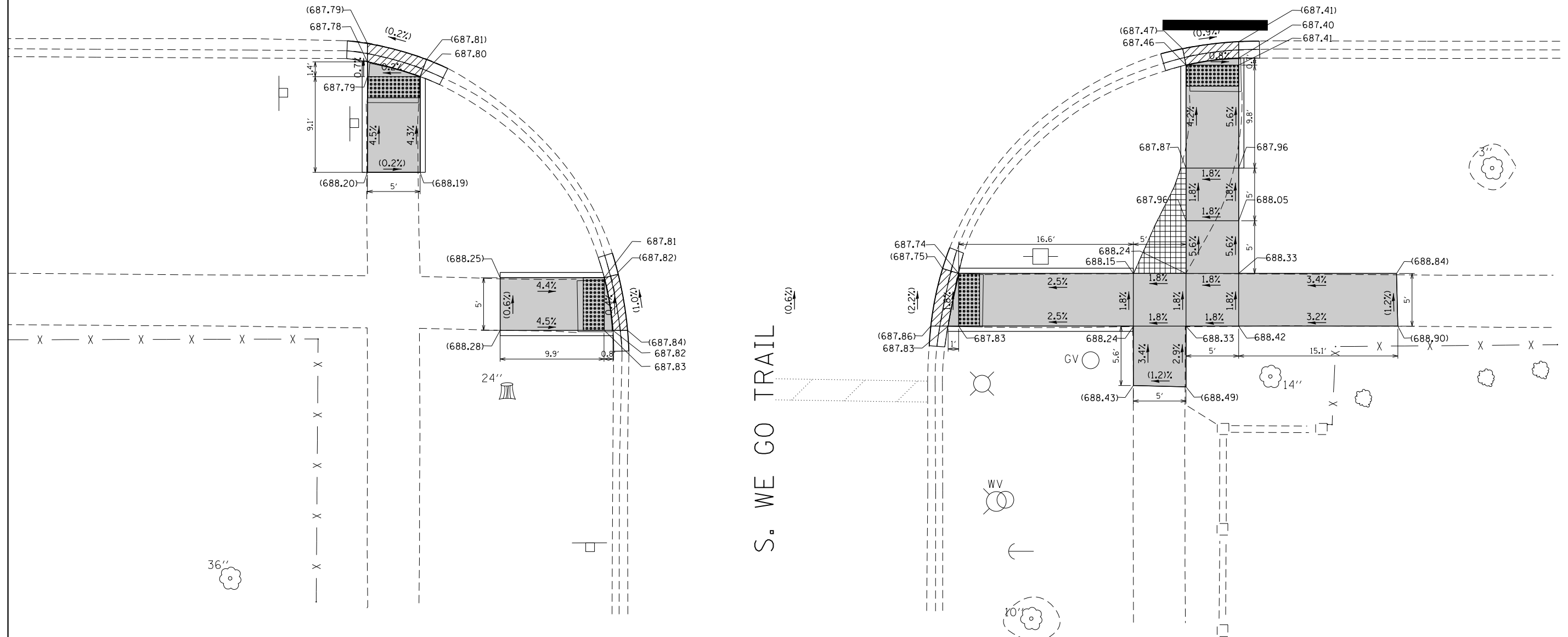
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 CENTRAL ROAD AT N. LANCASTER AVE. (STA 80+40)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	44
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	

CENTRAL ROAD



LEGEND

xx.xx'

EXISTING LENGTH

()

EXISTING ELEVATION/SLOPE

PROPOSED SIDE CURB



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL



REPLACE W/TOPSOIL & SOD



DEPRESSED CURB & GUTTER

FILE NAME =	USER NAME = DEFEVY	DESIGNED -	REVISED -
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
CENTRAL ROAD AT S. WE GO TRAIL (STA 80+40)

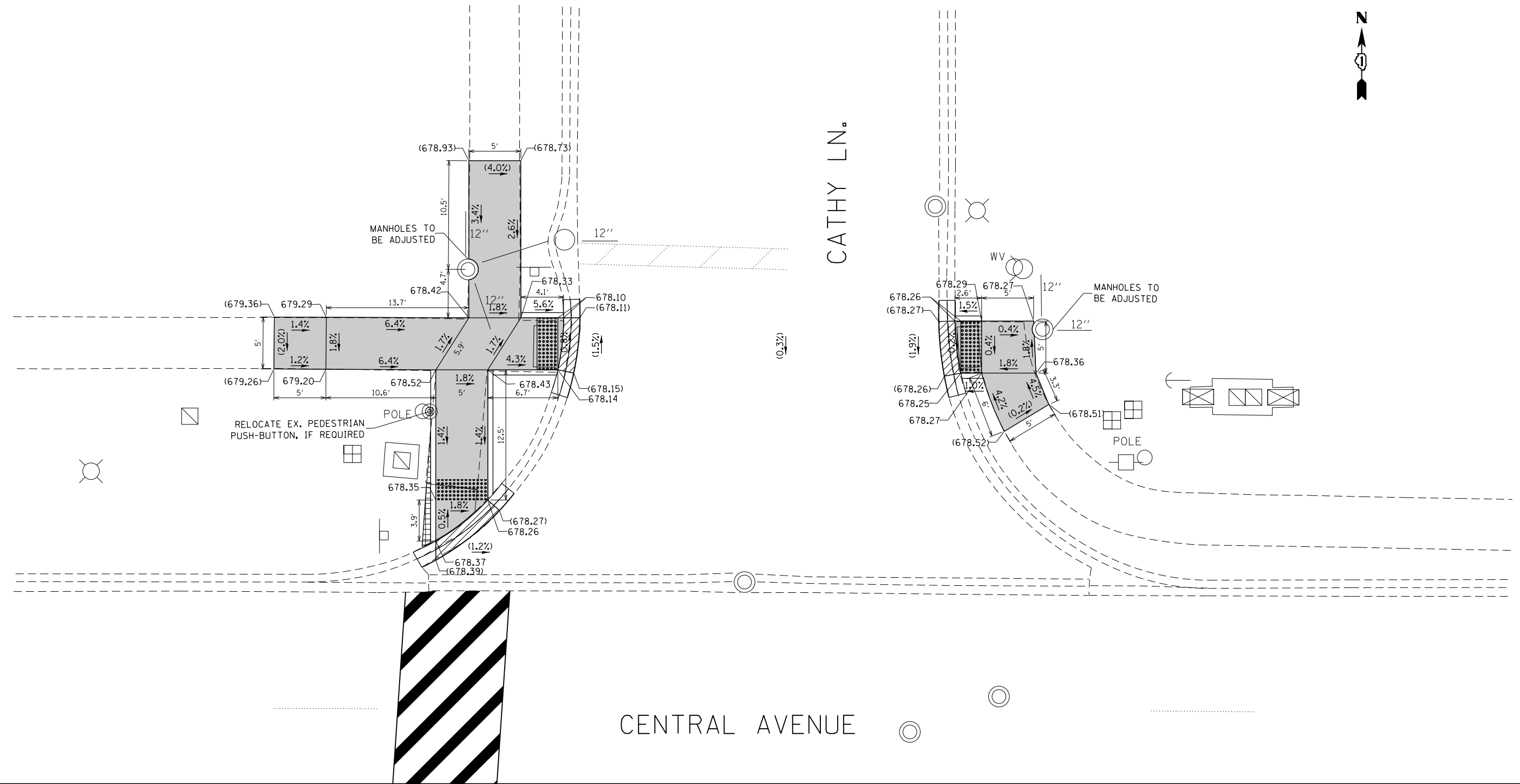
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	45
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	



CATHY LN.

CENTRAL AVENUE



LEGEND

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

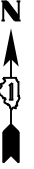
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

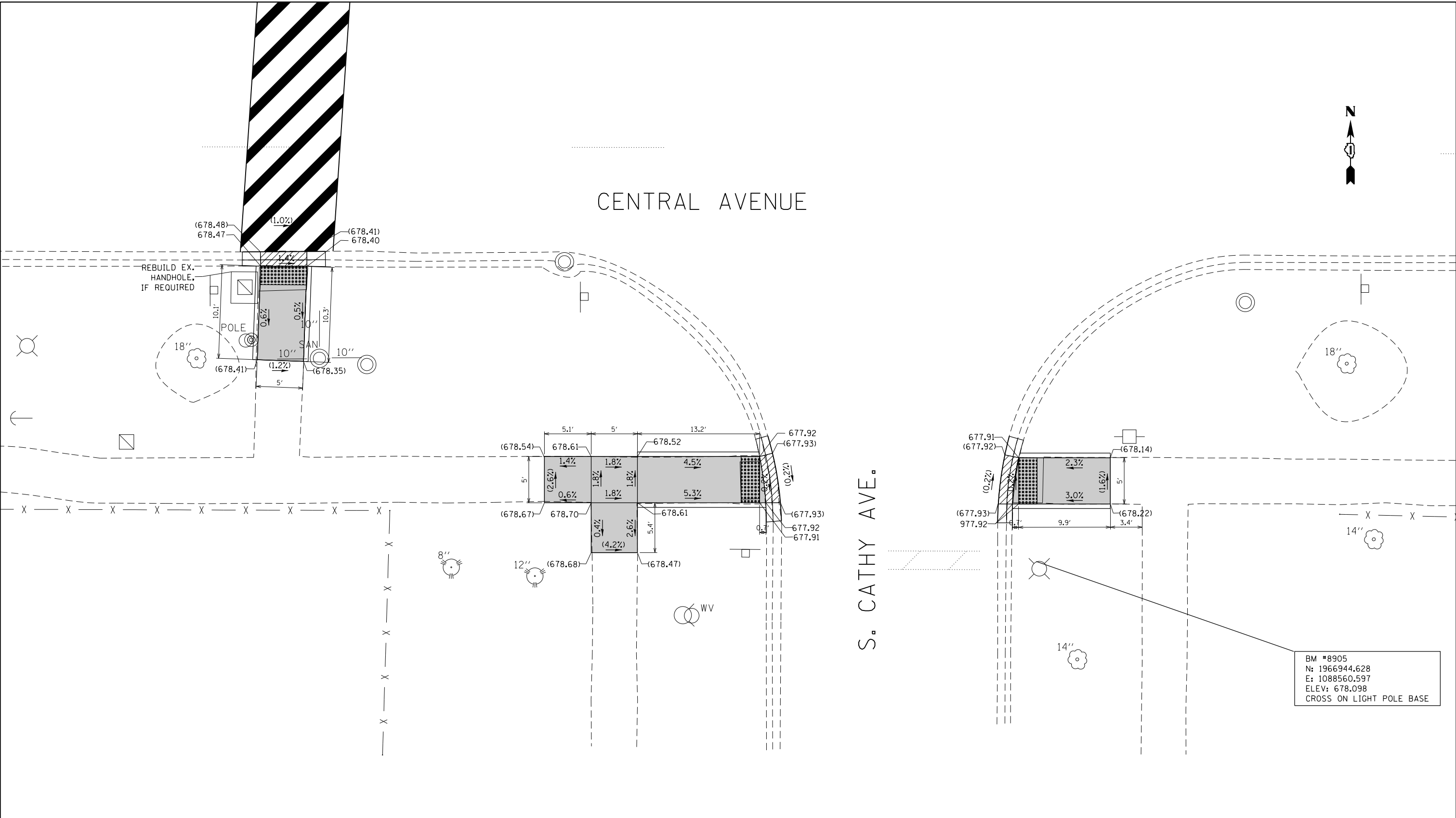
**ADA RAMP DETAILS
CENTRAL ROAD AT CATHY LN. (STA 88+00)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	46
CONTRACT NO. 62D20			ILLINOIS FED. AID PROJECT	



CENTRAL AVENUE



BM #8905
 N: 1966944.628
 E: 1088560.597
 ELEV: 678.098
 CROSS ON LIGHT POLE BASE

LEGEND

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

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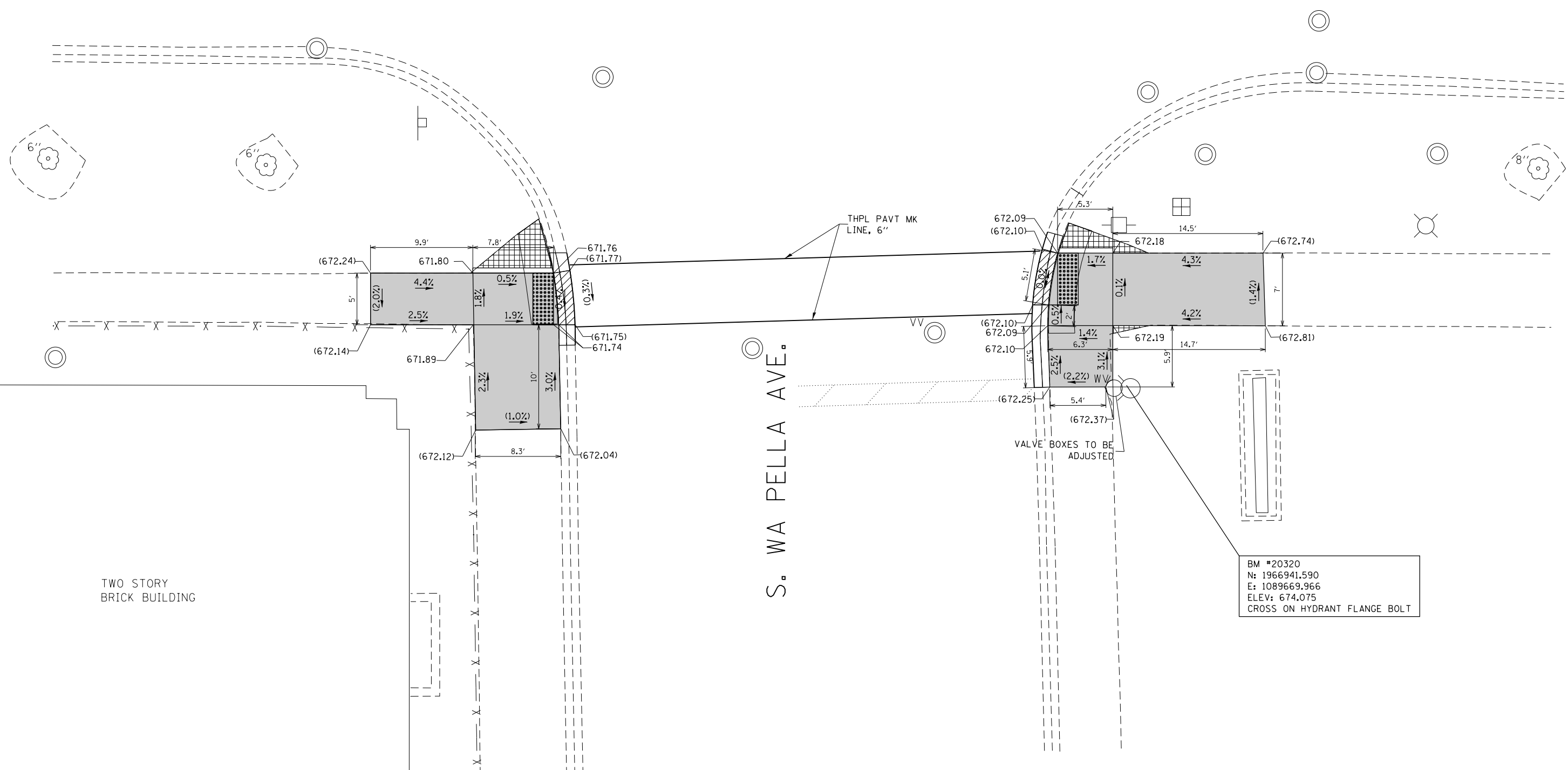
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 CENTRAL ROAD AT S. CATHY AVE. (STA 88 + 30)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	47
CONTRACT NO. 62D20				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

CENTRAL ROAD



TWO STORY BRICK BUILDING

S. WA PELLA AVE.

BM #20320
 N: 1966941.590
 E: 1089669.966
 ELEV: 674.075
 CROSS ON HYDRANT FLANGE BOLT

LEGEND

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

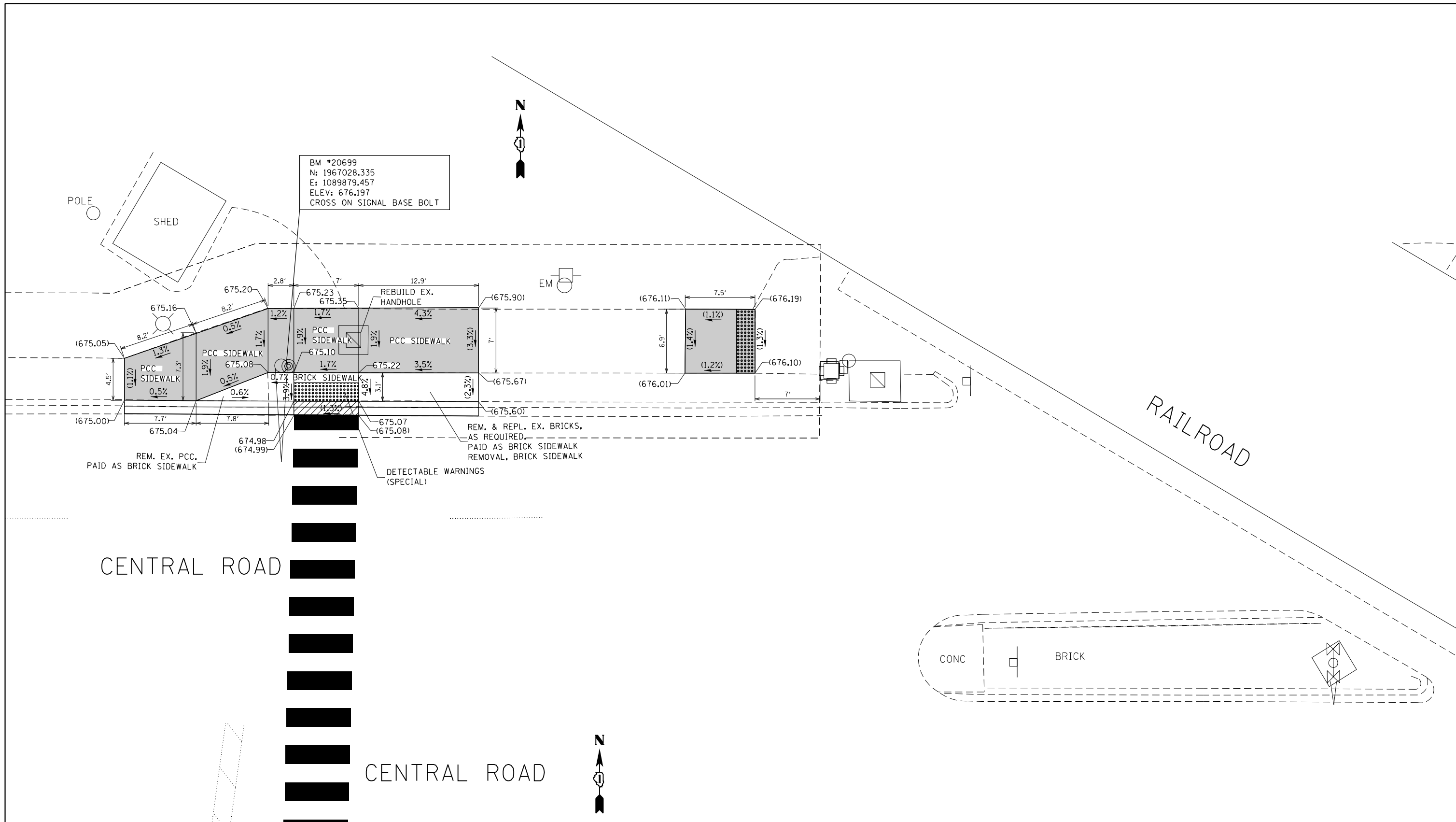
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	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 CENTRAL ROAD AT S. WA PELLA AVE. (STA 99+20)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	48
CONTRACT NO. 62D20				
ILLINOIS FED. AID PROJECT				



LEGEND

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

FILE NAME =	USER NAME = DEFEV	DESIGNED -	REVISED -
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT MID-BLOCK W. PROSPECT AVE. (STA 101+85)**

SCALE: SHEET OF SHEETS STA. TO STA.

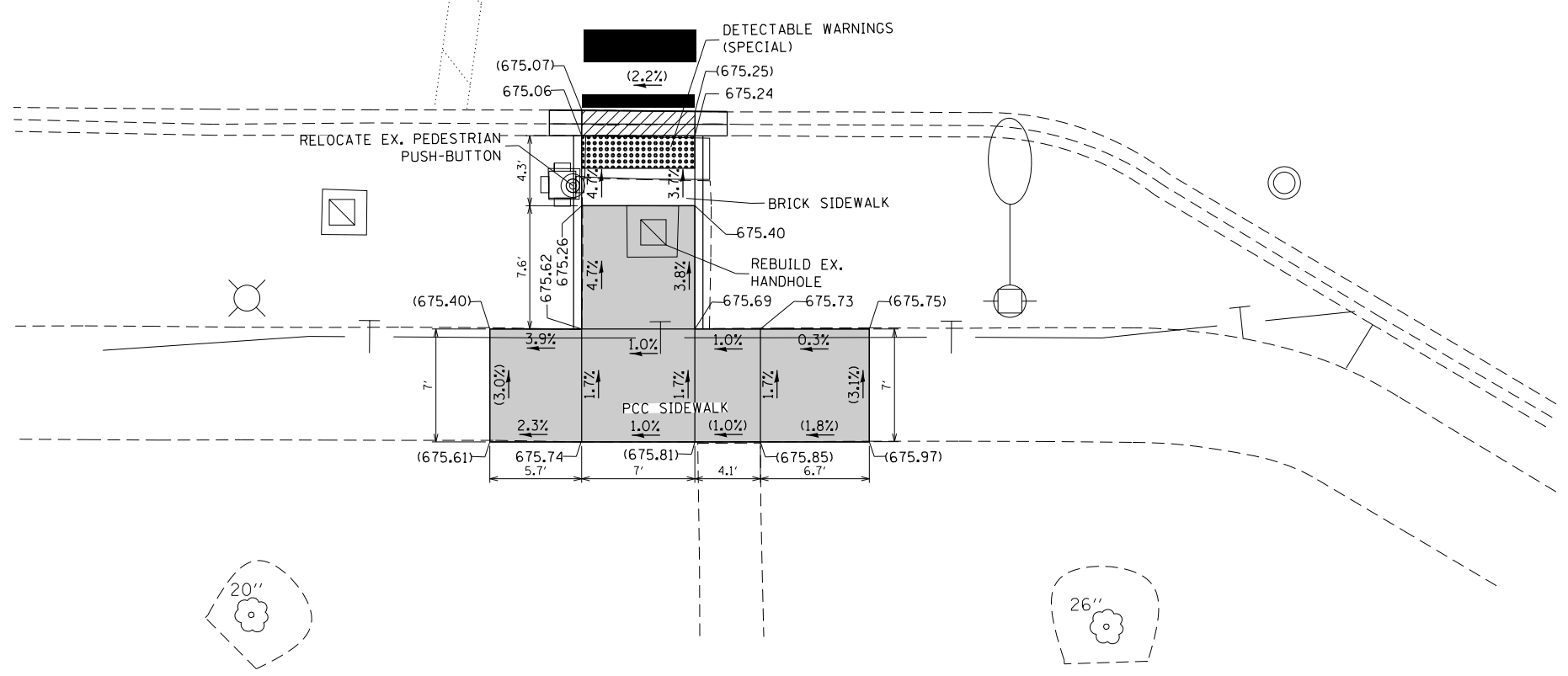
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	49
CONTRACT NO. 62D20				
ILLINOIS FED. AID PROJECT				

CENTRAL ROAD

CENTRAL ROAD

CONC BRICK

W. PROSPECT AVE.



LEGEND

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

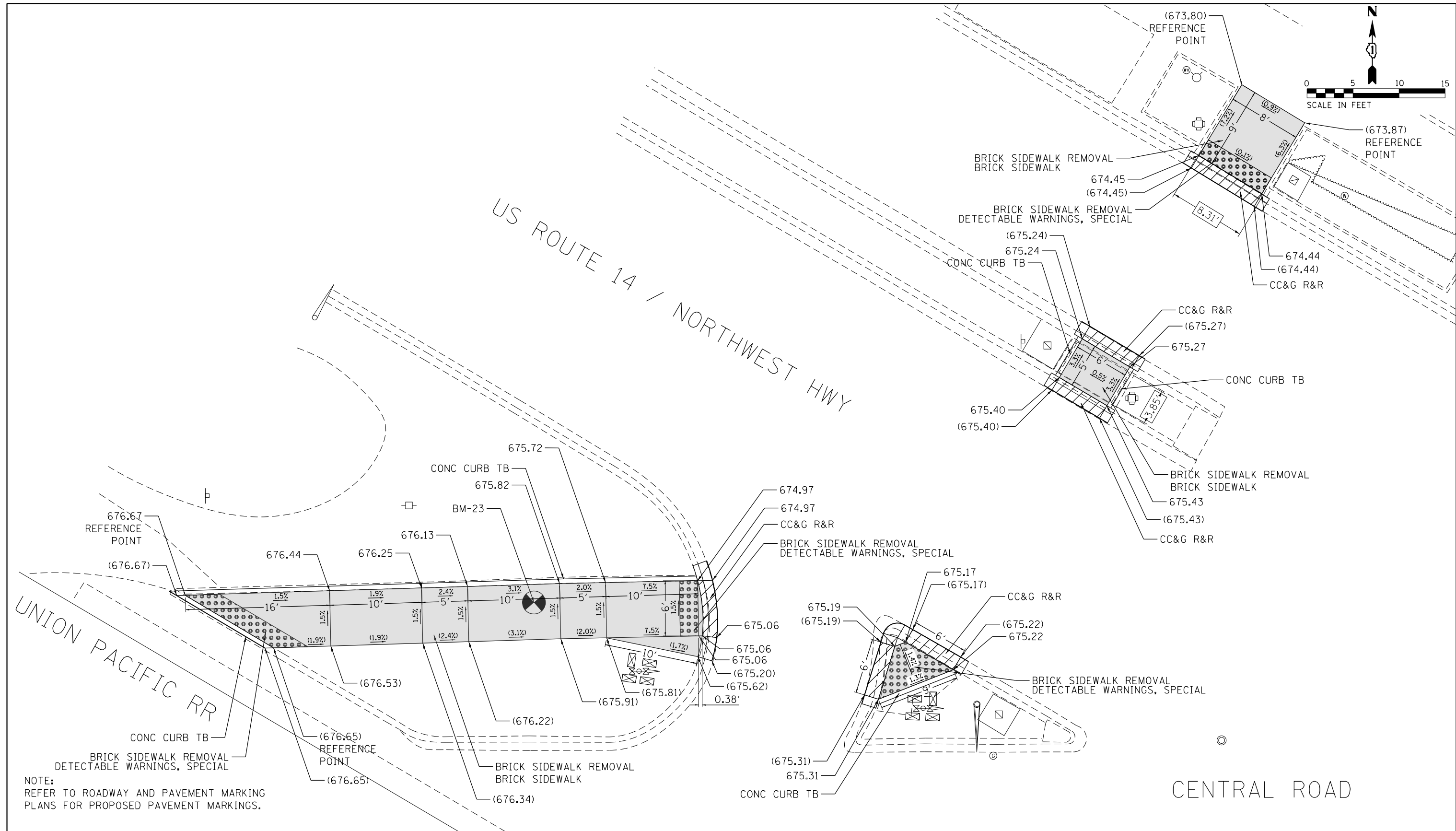
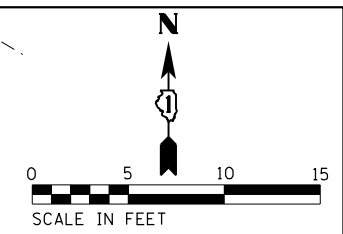
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT MID-BLOCK W. PROSPECT AVE. (STA 101 + 85)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	50
CONTRACT NO. 62D20			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.



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
	BENCHMARK
	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

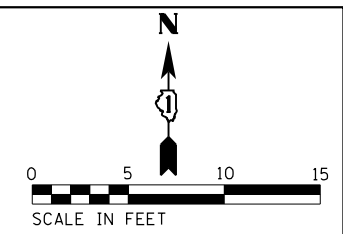
REFERENCE BENCHMARK 23 ELEV 675.738
BENCHMARK: CUT SQUARE CL BRICK WALK
LOCATION: WEST SIDE OF US 14 43.37' NORTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-01.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISED -
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	PLOT DATE = 1/8/2018	CHECKED - JK	REVISED -
		DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS	
CENTRAL ROAD AT NORTHWEST HIGHWAY (STA 105+00)	
SCALE: 1" = 5'	SHEET 1 OF 31 SHEETS STA. TO STA.

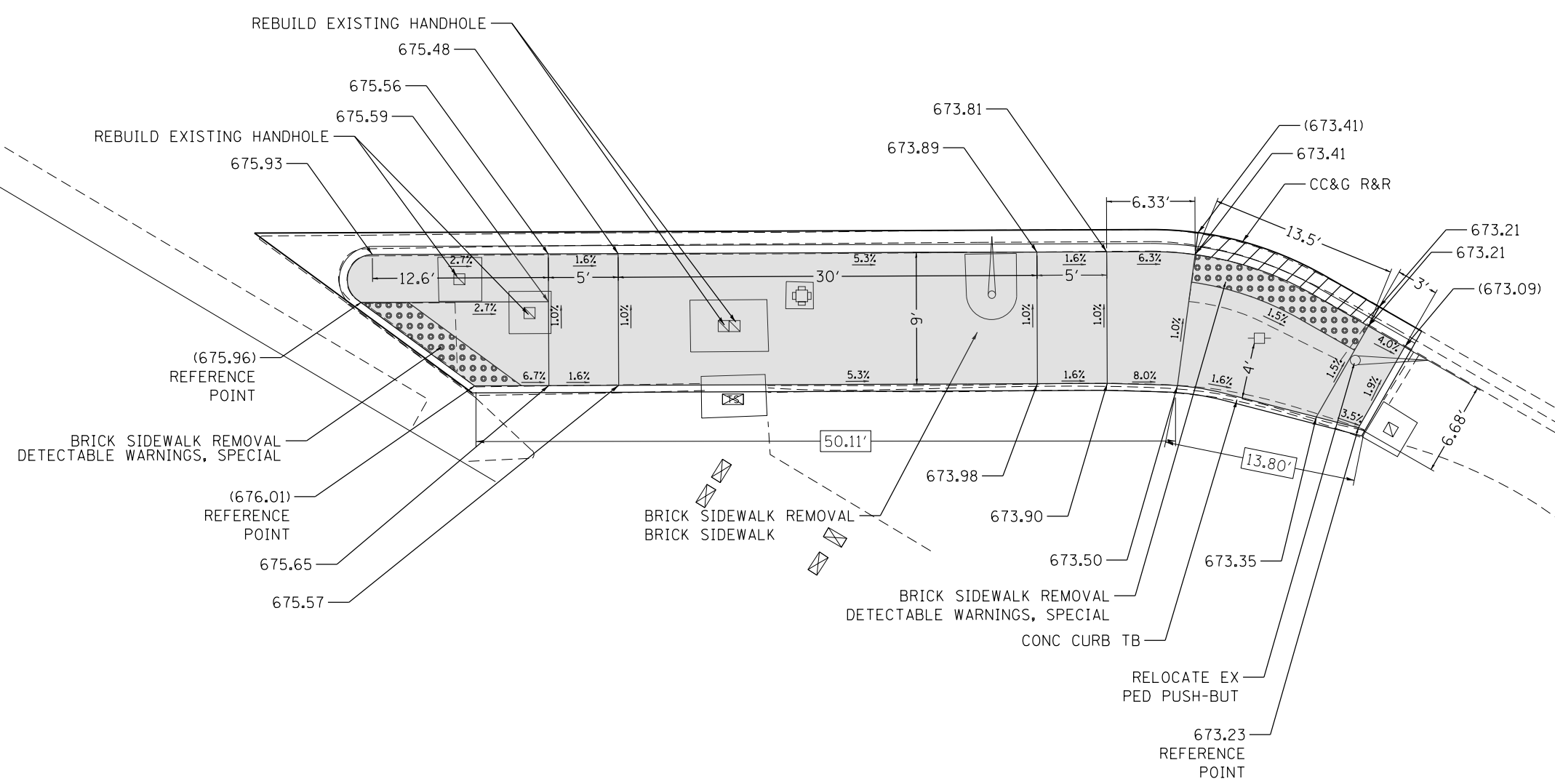
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1300	(1618 & 1819.1)RS	COOK	107	51
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



US ROUTE 14 / NORTHWEST HWY

CENTRAL ROAD

UNION PACIFIC RR



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

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

REFERENCE BENCHMARK 22348 ELEV 671.185
BENCHMARK: FLANGE BOLT ON HYDRANT
LOCATION: EAST SIDE OF RIDGE AVENUE 48.59' NORTH OF CENTRAL ROAD

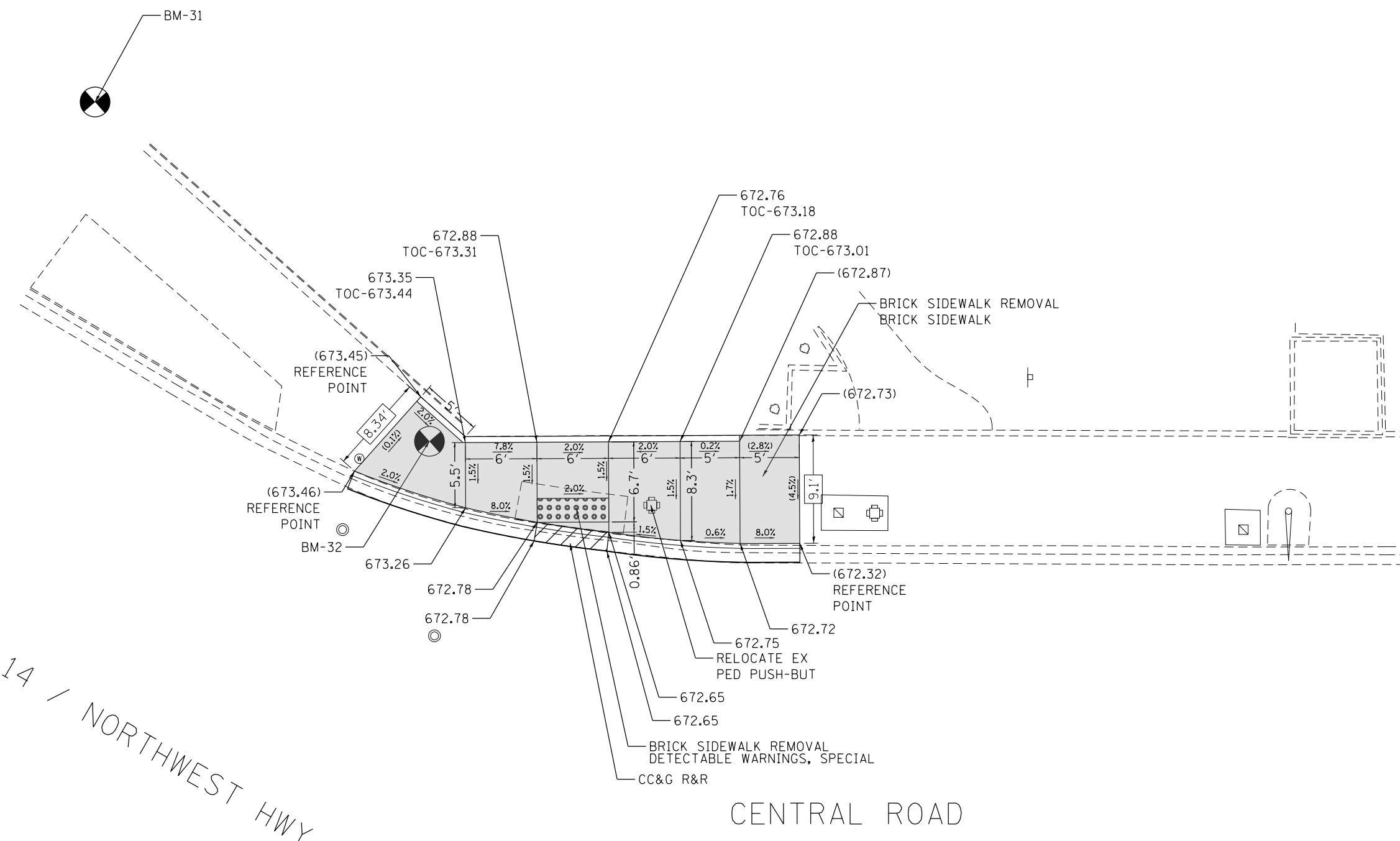
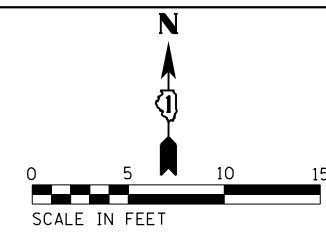
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		CHECKED - JK	REVISED -
		DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT NORTHWEST HIGHWAY (STA 105+00)**

SCALE: 1" = 5' SHEET 2 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	52
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

REFERENCE BENCHMARK 31 ELEV 673.586
BENCHMARK: CROSS IN BRICK PAVER WALK
LOCATION: NORTHEAST SIDE OF US 14

LEGEND

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

REFERENCE BENCHMARK 32 ELEV 673.413
BENCHMARK: CROSS IN BRICK PAVER WALK
LOCATION: EAST SIDE OF US 14 29' NORTH OF CENTRAL ROAD

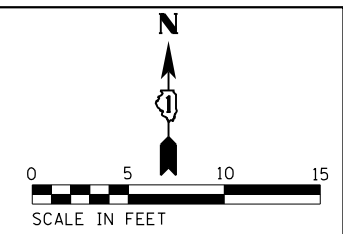
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		DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT NORTHWEST HIGHWAY (STA 105+00)**

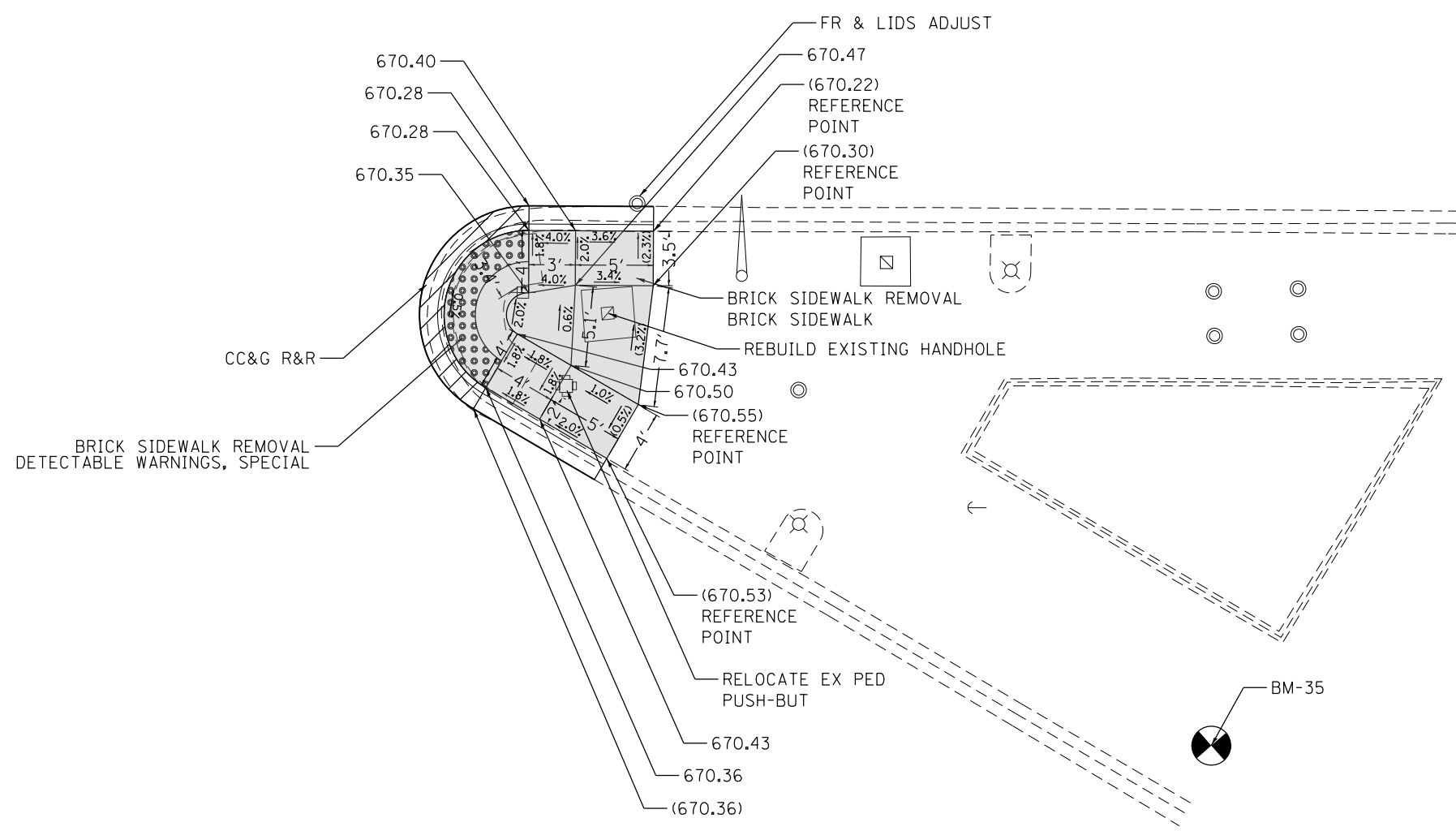
SCALE: 1" = 5' SHEET 3 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	53
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CENTRAL ROAD

US ROUTE 14 / NORTHWEST HWY



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

LEGEND

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

REFERENCE BENCHMARK 35 ELEV 670.274
BENCHMARK: CROSS IN BRICK PAVER WALK
LOCATION: EAST SIDE OF US 14 62.60' SOUTH OF CENTRAL ROAD

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		DRAWN - RM	REvised -
		CHECKED - JK	REvised -
		DATE - 08/18/2017	REvised -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT NORTHWEST HIGHWAY (STA 105+00)**

SCALE: 1" = 5' SHEET 4 OF 31 SHEETS STA. TO STA.

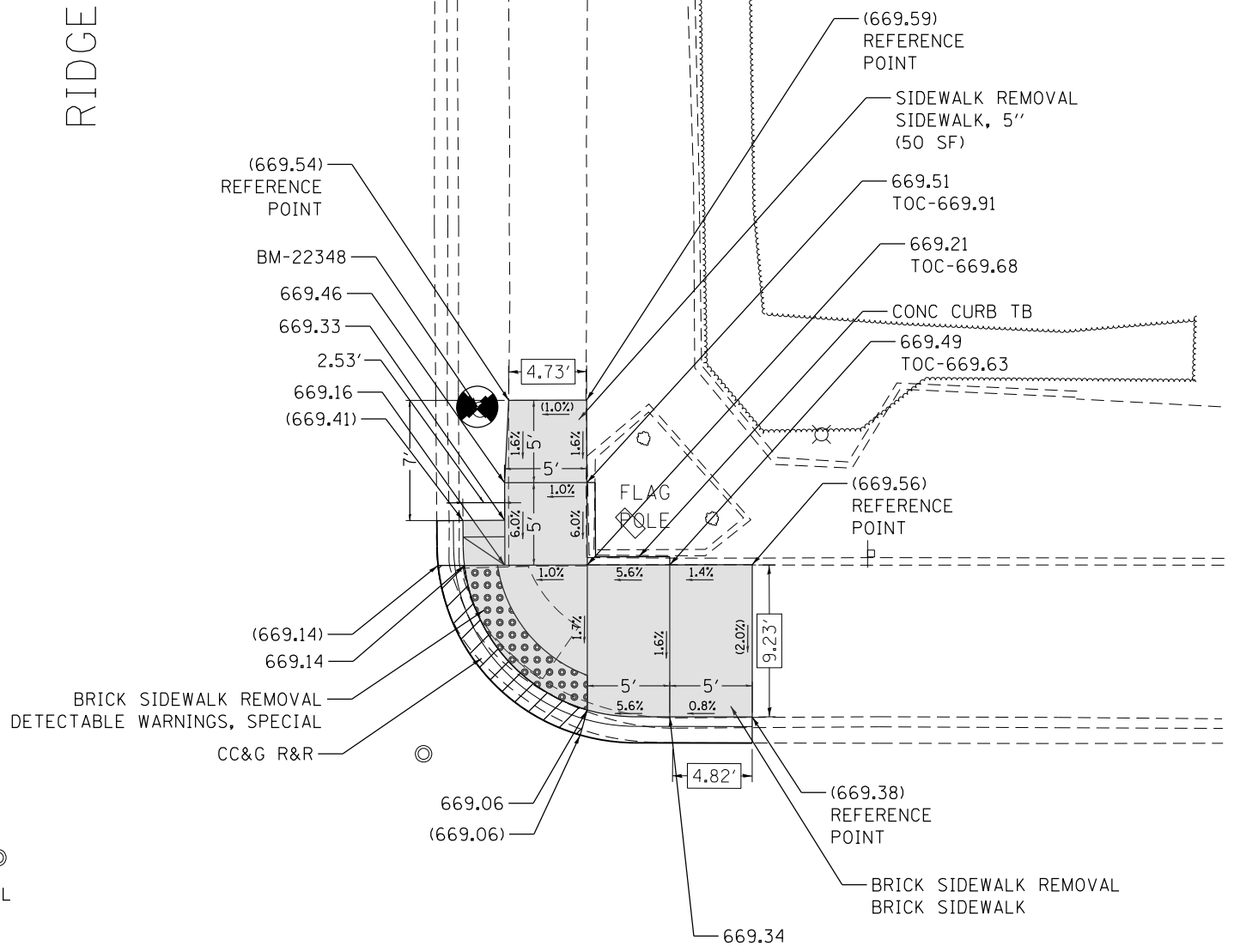
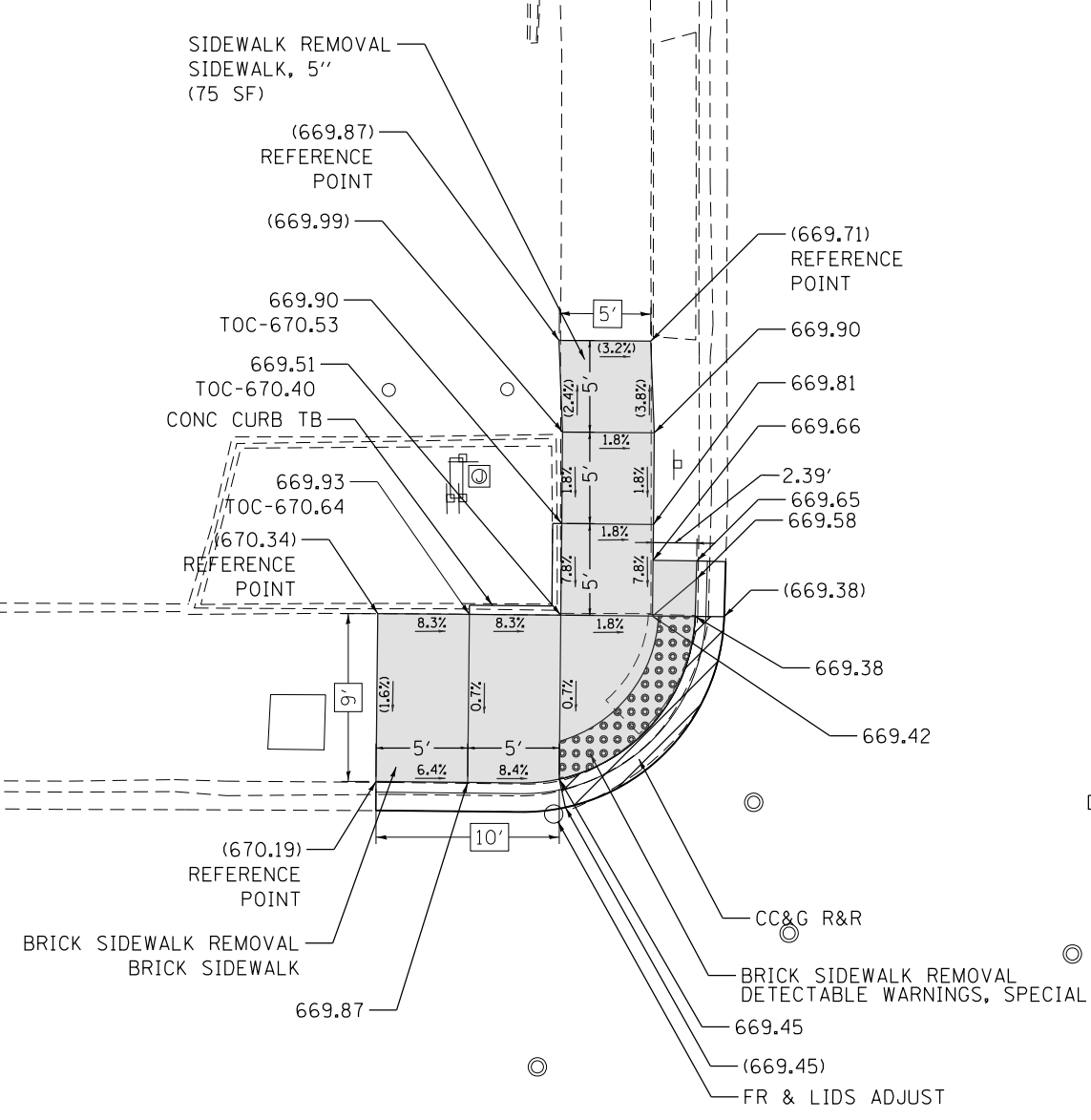
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	54
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



0 5 10 15
SCALE IN FEET

RIDGE AVENUE

CENTRAL ROAD



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

REFERENCE BENCHMARK 36 ELEV 669.579
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: WEST SIDE OF RIDGE AVENUE 66.88' NORTH OF CENTRAL ROAD

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 22348 ELEV 671.185
BENCHMARK: FLANGE BOLT ON HYDRANT
LOCATION: EAST SIDE OF RIDGE AVENUE 48.59' NORTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-05.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISED -
Default	PLOT SCALE = 10.0000' / in.	DRAWN - RM	REVISED -
	PLOT DATE = 1/8/2018	CHECKED - JK	REVISED -
		DATE - 08/18/2017	REVISED -

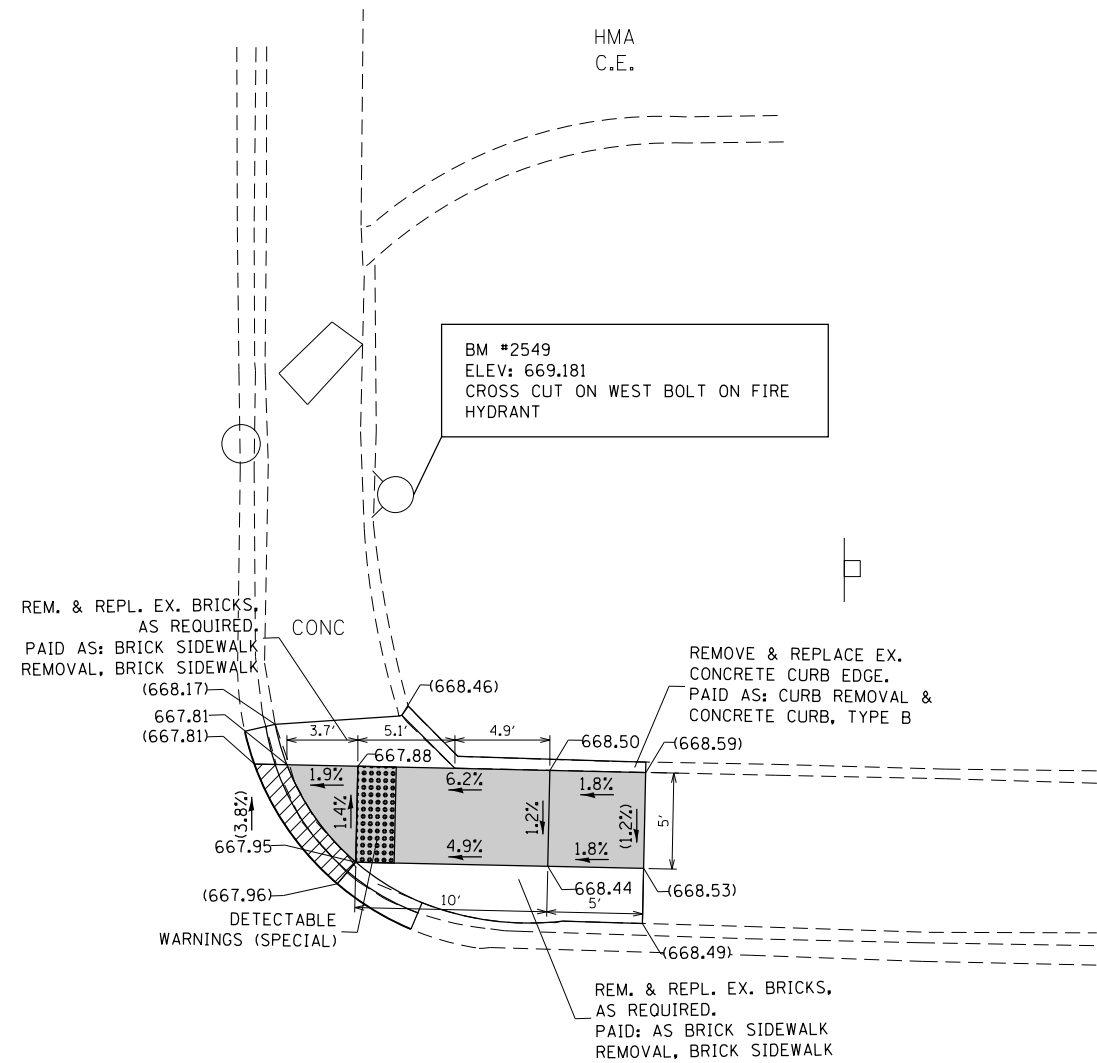
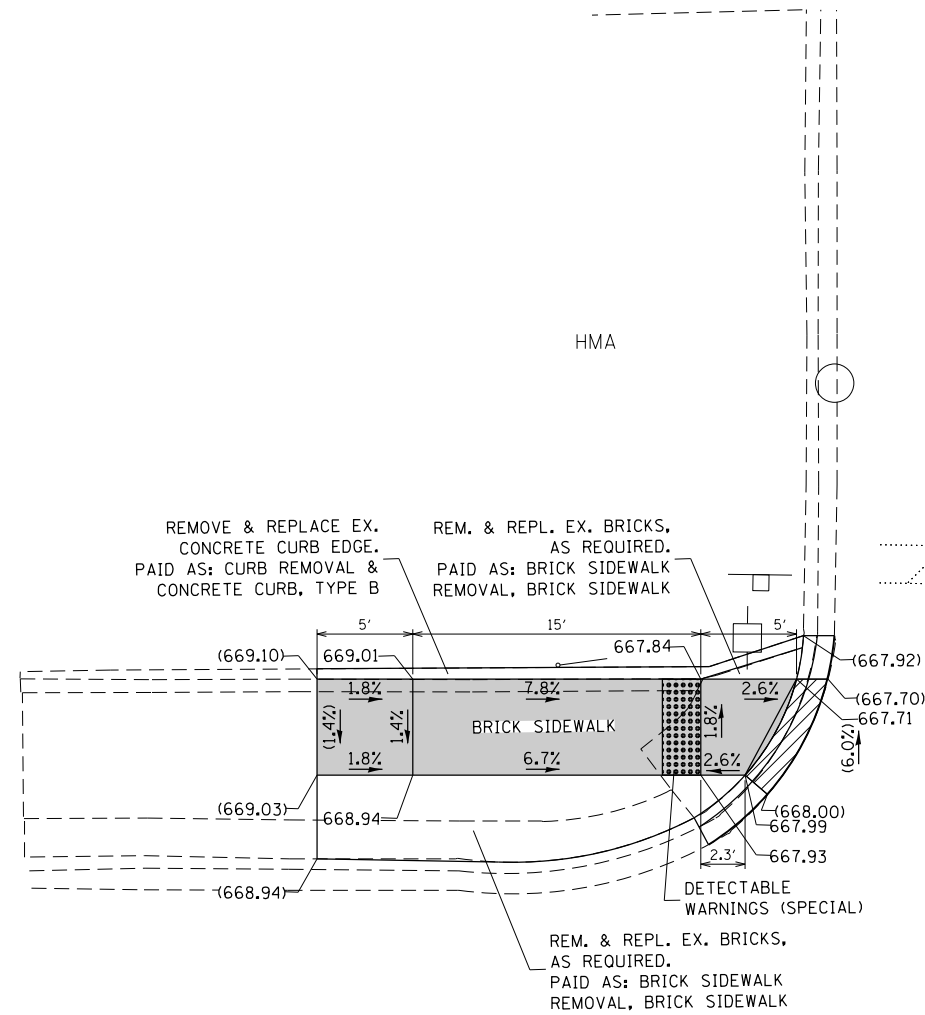
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT N. RIDGE AVENUE (STA 107+00)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	55
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: 1" = 5' SHEET 5 OF 31 SHEETS STA. TO STA.

N. ELMHURST AVE.



LEGEND

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

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

FILE NAME =	USER NAME = DEFEVY	DESIGNED -	REVISED -
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\143816\143816-7-Details.dwg		REVISED -	REVISED -
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
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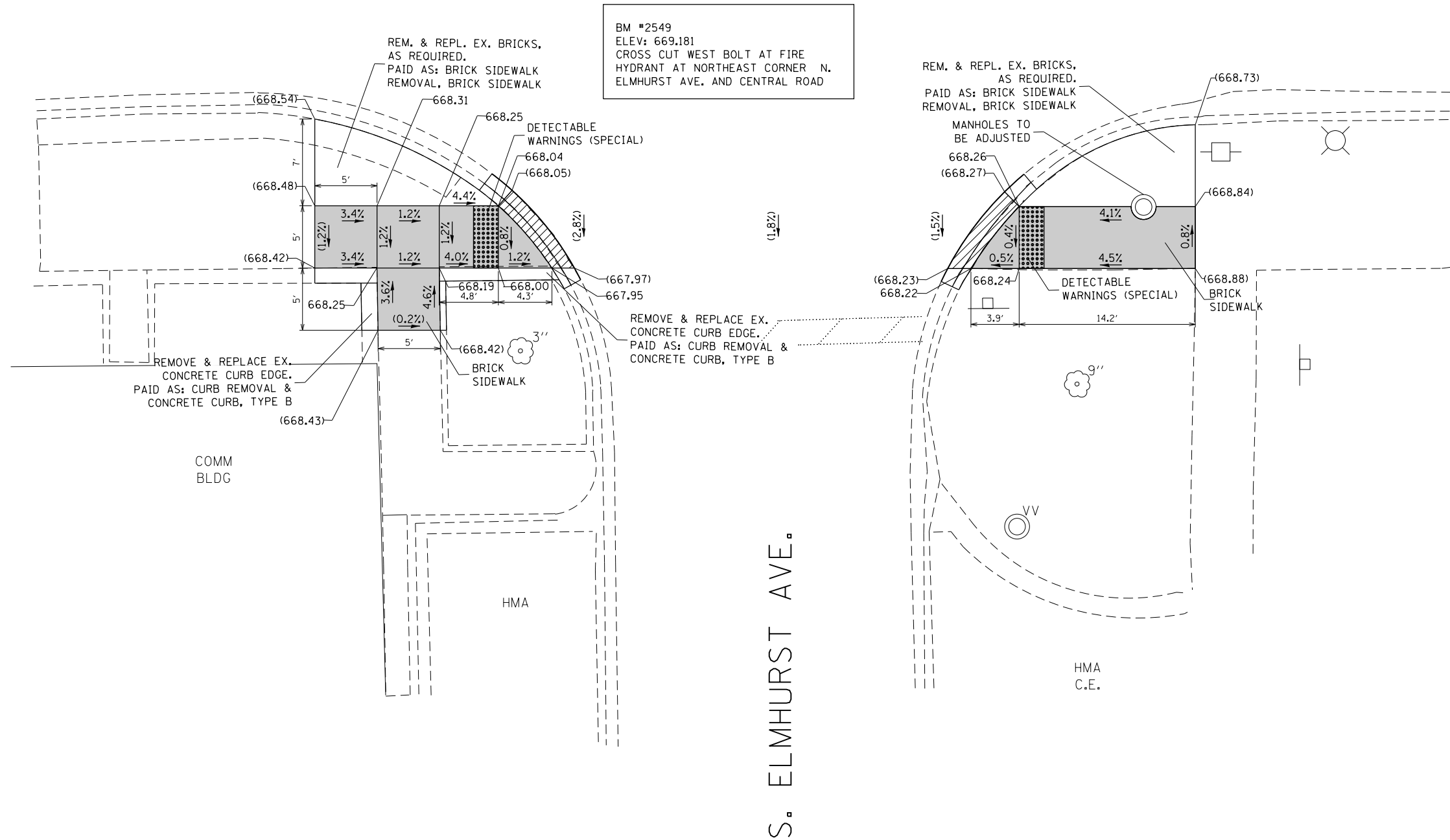
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT N. ELMHURST AVENUE (STA 108 + 75)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	56
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	

CENTRAL RD.



LEGEND

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

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

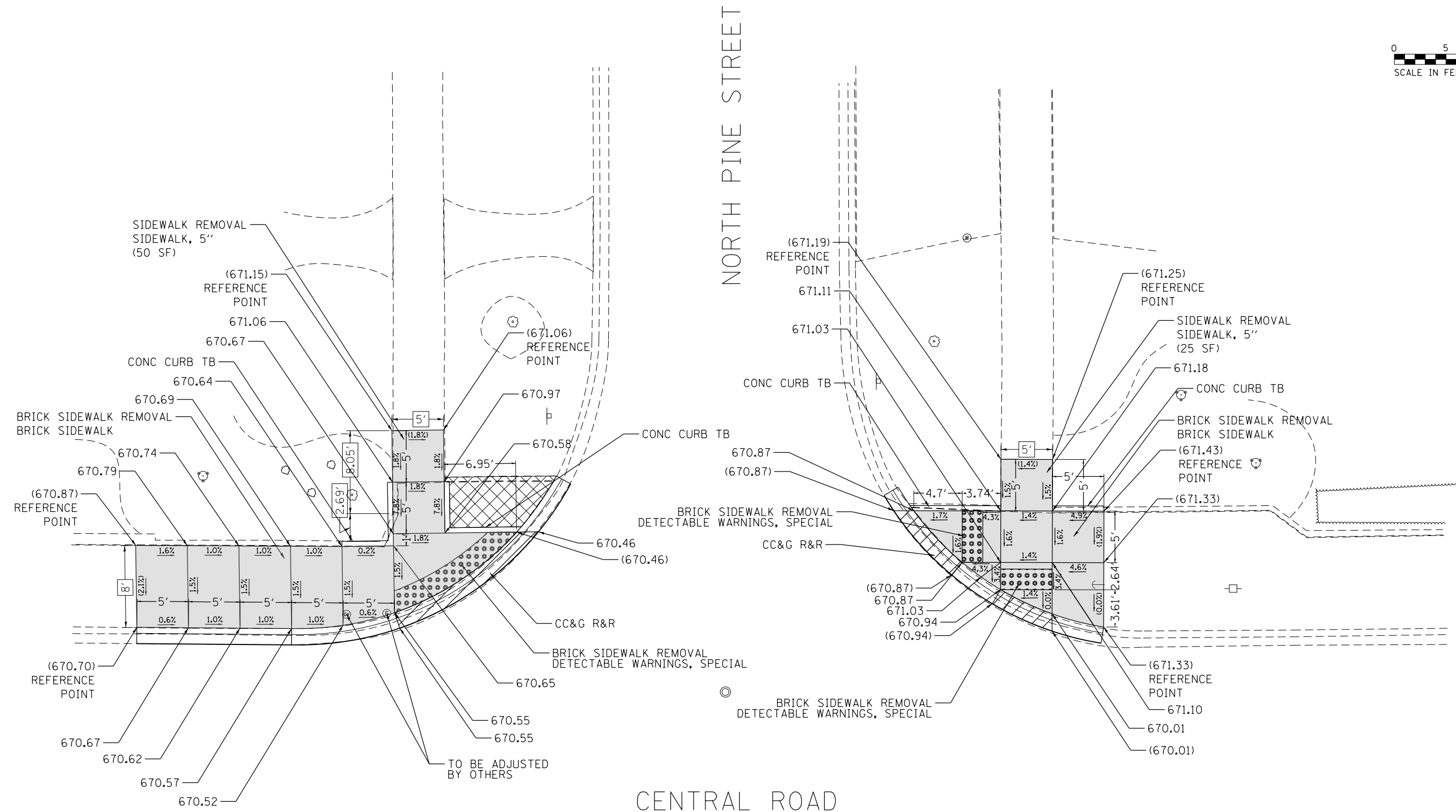
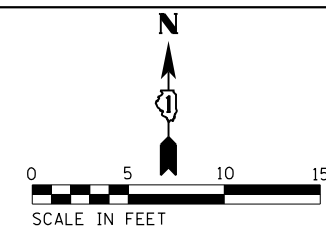
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT S. ELMHURST AVENUE (STA 110+70)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	57
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D20	



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

REFERENCE BENCHMARK 39 ELEV 671.237
BENCHMARK: CUT CROSS IN BRICK PAVER WALK
LOCATION: EAST SIDE OF SOUTH PINE STREET 32.66' SOUTH OF CENTRAL ROAD

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 10794 ELEV 673.345
BENCHMARK: CUT CROSS ON HYDRANT FLANGE BOLT
LOCATION: EAST SIDE OF SOUTH PINE STREET 41.43' SOUTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-06.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISED -
Default	PLOT SCALE = 10.0000' / in.	DRAWN - RM	REVISED -
	PLOT DATE = 1/8/2018	CHECKED - JK	REVISED -
		DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT N. PINE STREET (STA 114+50)**

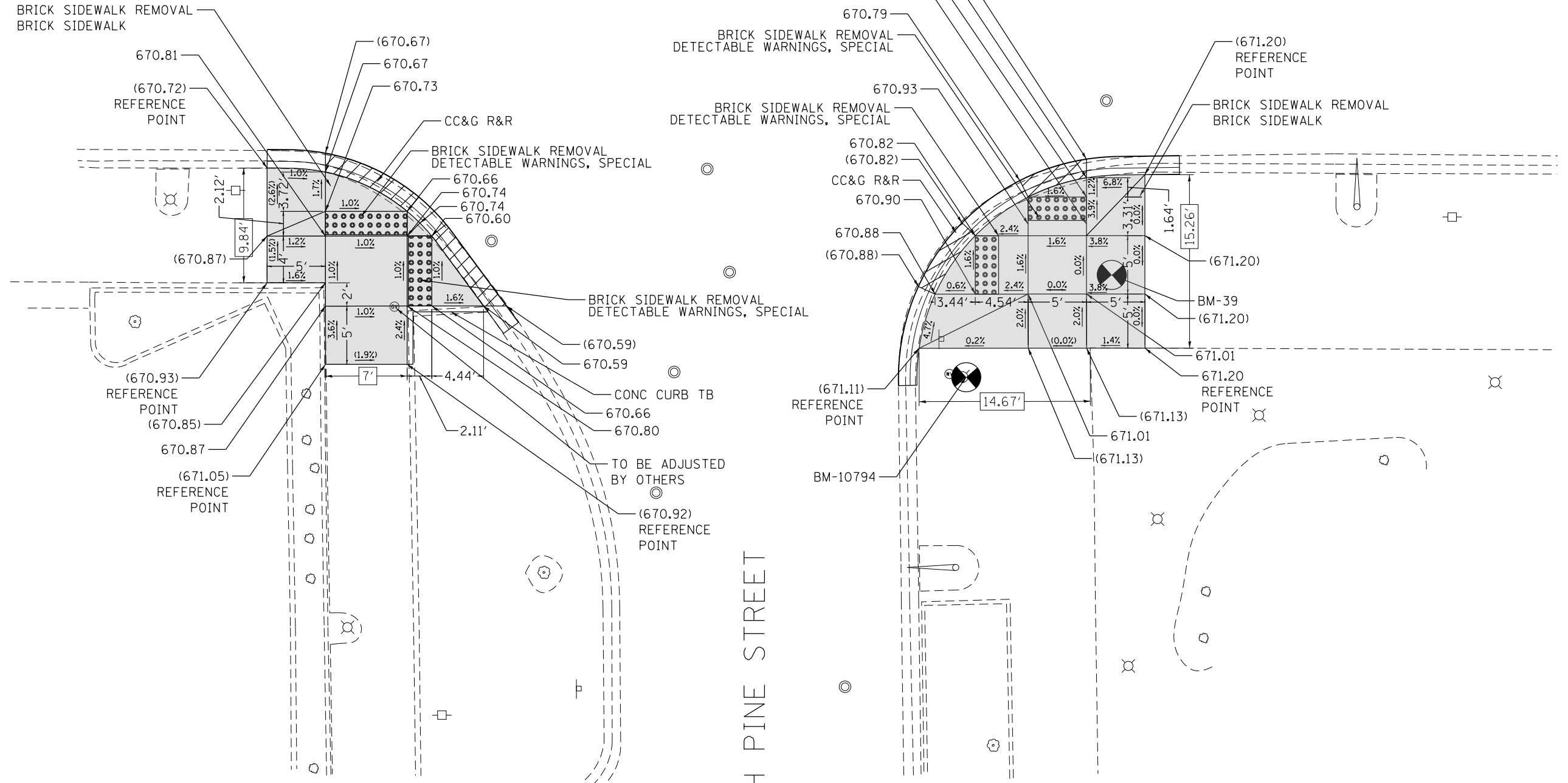
SCALE: 1" = 5' SHEET 6 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	58
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CENTRAL ROAD

SOUTH PINE STREET



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

REFERENCE BENCHMARK 39 ELEV 671.237
BENCHMARK: CUT CROSS IN BRICK PAVER WALK
LOCATION: EAST SIDE OF SOUTH PINE STREET 32.66' SOUTH OF CENTRAL ROAD

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 10794 ELEV 673.345
BENCHMARK: CUT CROSS ON HYDRANT FLANGE BOLT
LOCATION: EAST SIDE OF SOUTH PINE STREET 41.43' SOUTH OF CENTRAL ROAD

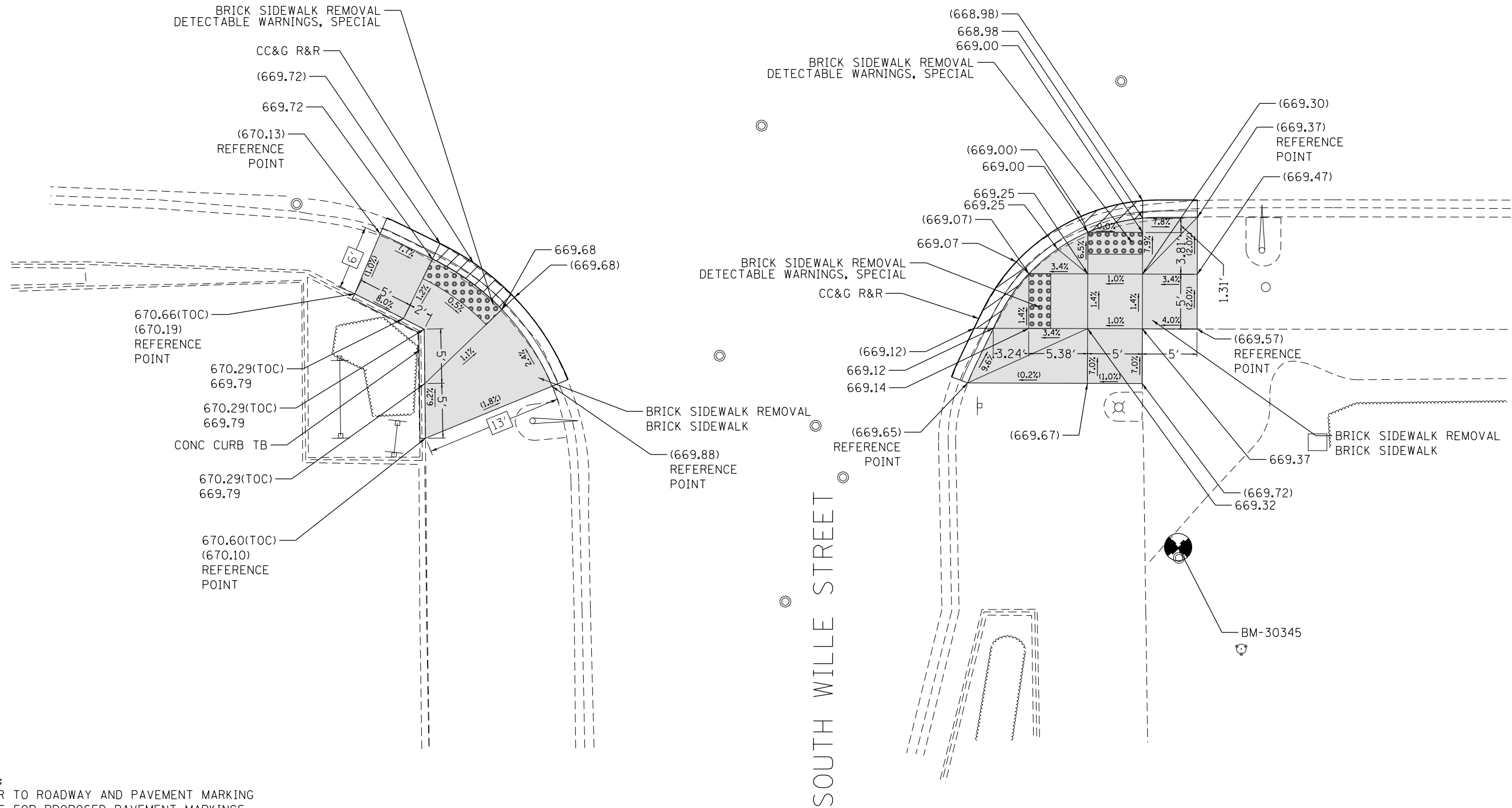
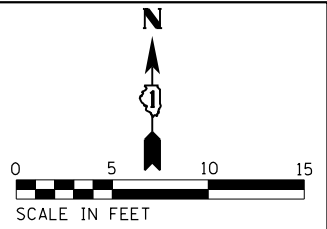
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		DRAWN - RM	REVISED -
		CHECKED - JK	REVISED -
		DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT S. PINE STREET (STA 114 + 50)**
SCALE: 1" = 5' SHEET 7 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	59
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CENTRAL ROAD



LEGEND

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

REFERENCE BENCHMARK 30345 ELEV 669.745
BENCHMARK: CUT CROSS ON MANHOLE RIM
LOCATION: EAST SIDE OF SOUTH WILLE STREET 58.60' NORTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-09.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISED -
		DRAWN - RM	REVISED -
		CHECKED - JK	REVISED -
		DATE - 08/18/2017	REVISED -

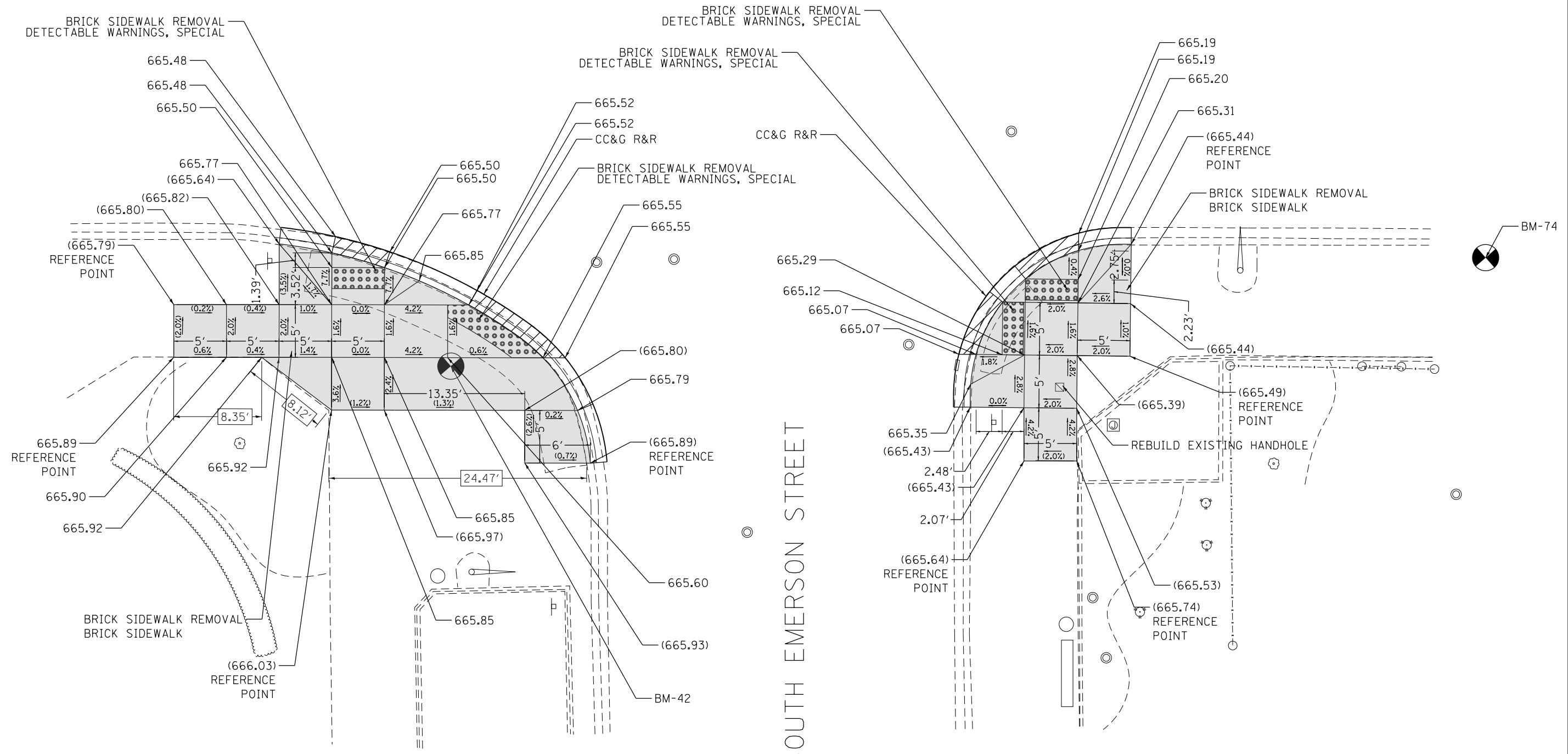
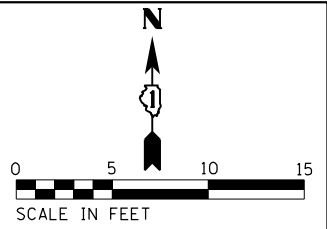
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
CENTRAL ROAD AT S. WILLE STREET (STA 118+50)

SCALE: 1" = 5' SHEET 9 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	61
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CENTRAL ROAD



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

REFERENCE BENCHMARK 74 ELEV 665.323
BENCHMARK: CUT CROSS IN BRICK PAVER WALK
LOCATION: WEST SIDE OF S. EMERSON STREET 40.51' SOUTH OF CENTRAL ROAD

LEGEND

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

REFERENCE BENCHMARK 42 ELEV 665.798
BENCHMARK: CUT CROSS IN BRICK PAVER WALK
LOCATION: EAST SIDE OF S. EMERSON STREET 29.98' SOUTH OF CENTRAL ROAD

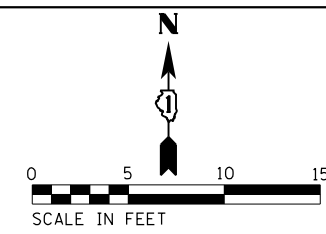
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USER NAME = JKJELMA	DESIGNED - JK	REVISED -
DRAWN - RM	REVISIONS -	
PLOT SCALE = 10.0000' / in.	CHECKED - JK	REVISED -
PLOT DATE = 1/8/2018	DATE - 08/18/2017	REVISED -

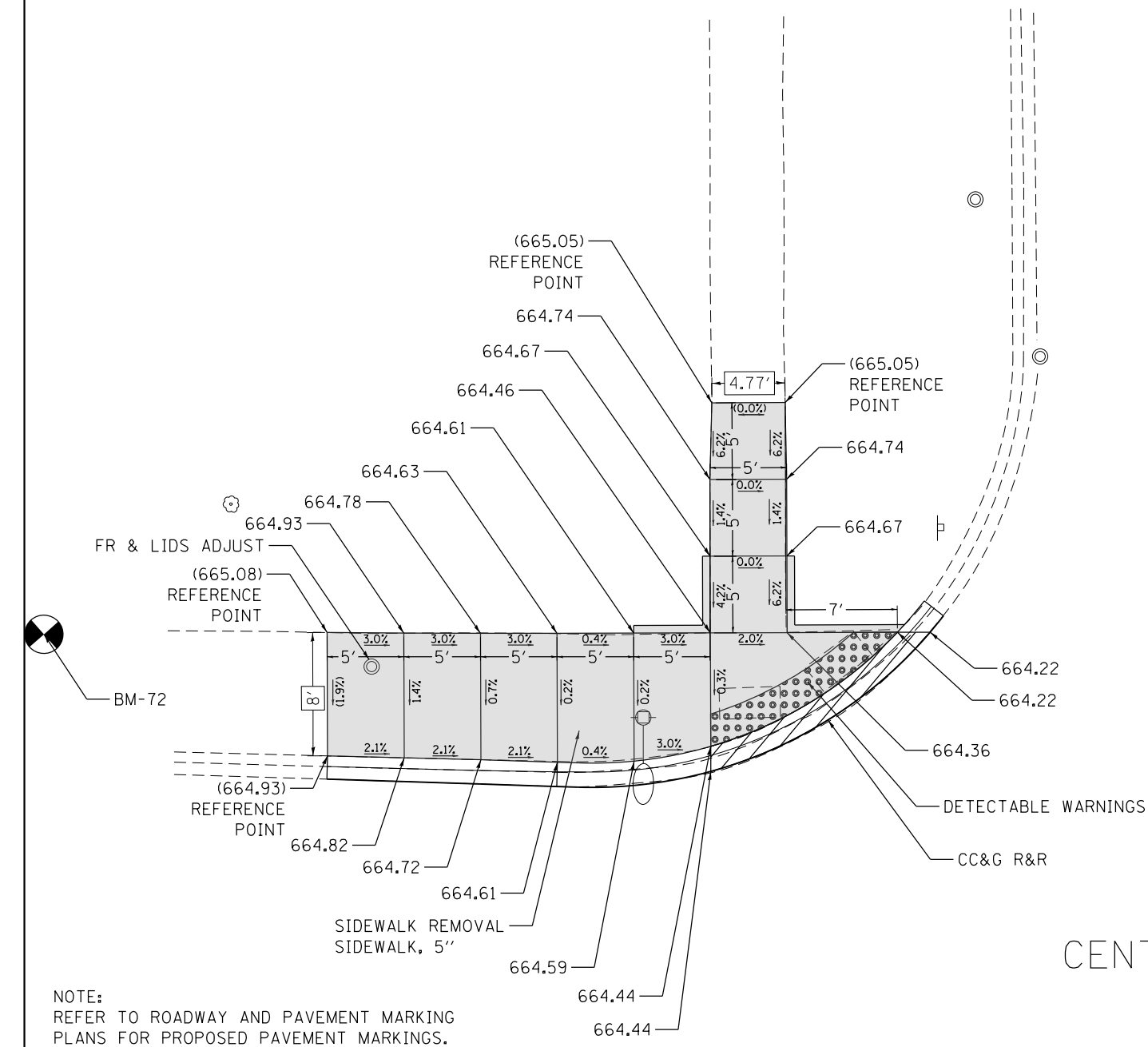
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
CENTRAL ROAD AT S. EMERSON STREET (STA 126+00)
SCALE: 1" = 5' SHEET 11 OF 31 SHEETS STA. TO STA.

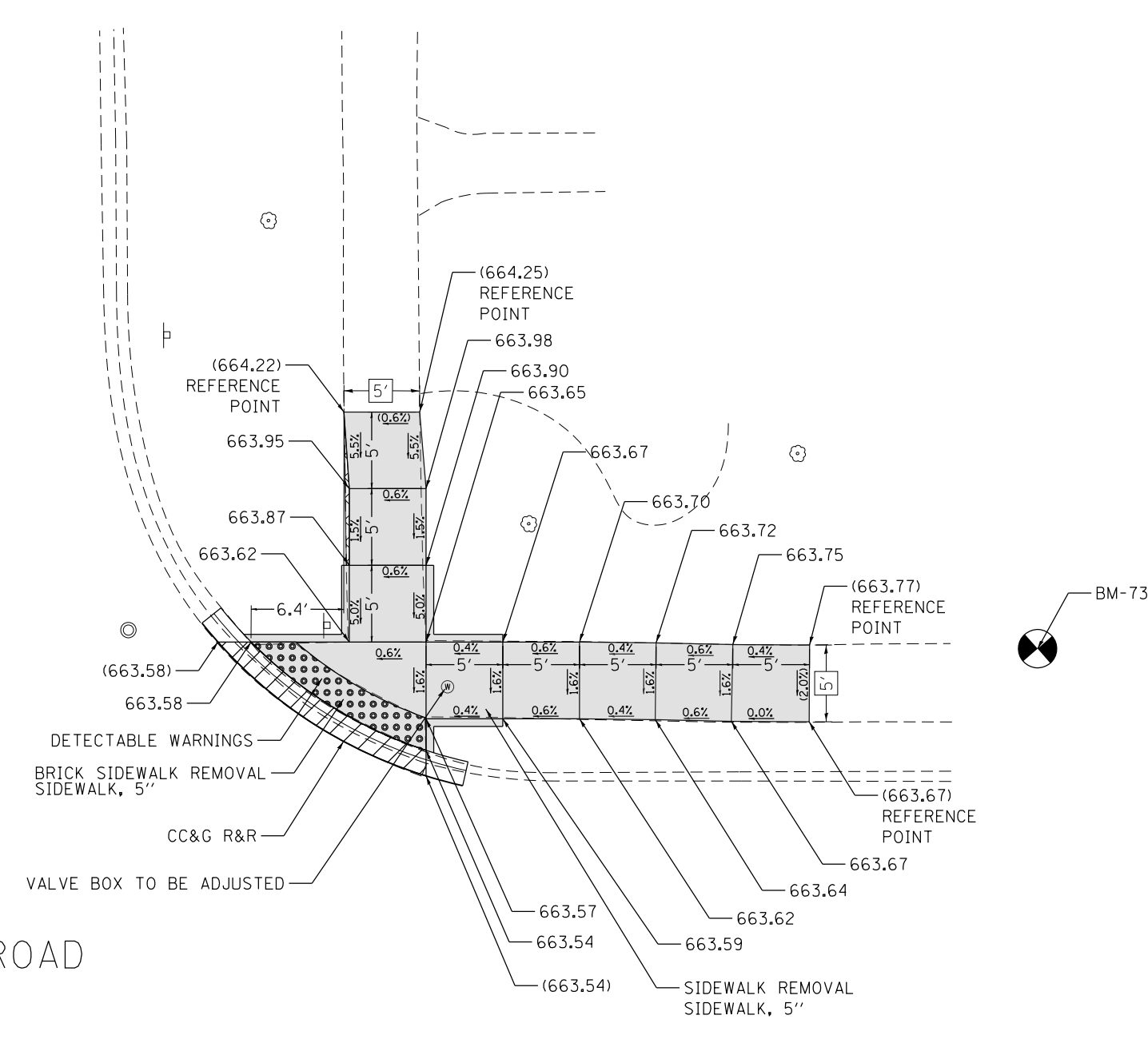
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	63
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NORTH MAPLE STREET



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



CENTRAL ROAD

REFERENCE BENCHMARK 72 ELEV 665.107
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: WEST SIDE OF N. MAPLE STREET 32.51' NORTH OF CENTRAL ROAD

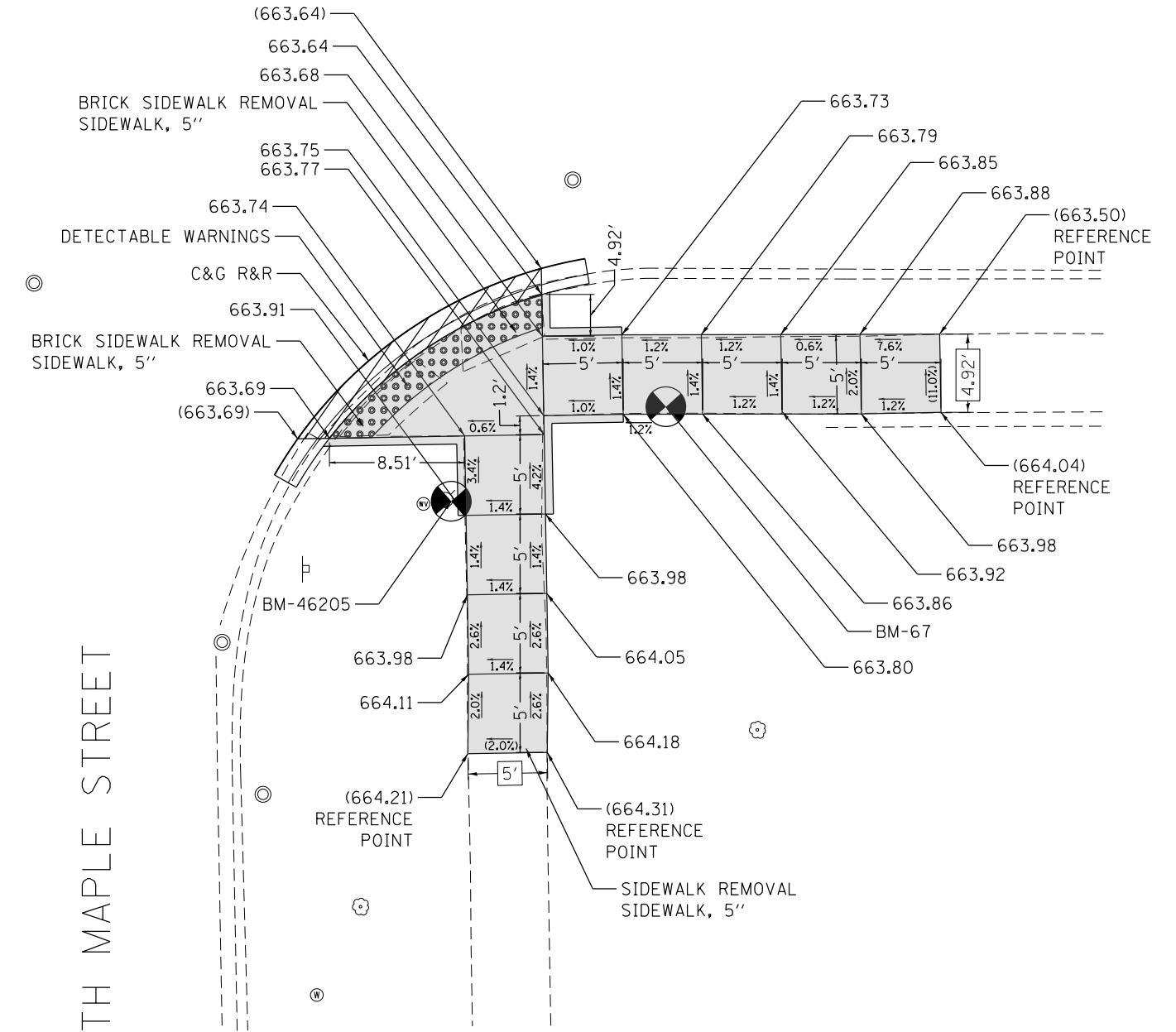
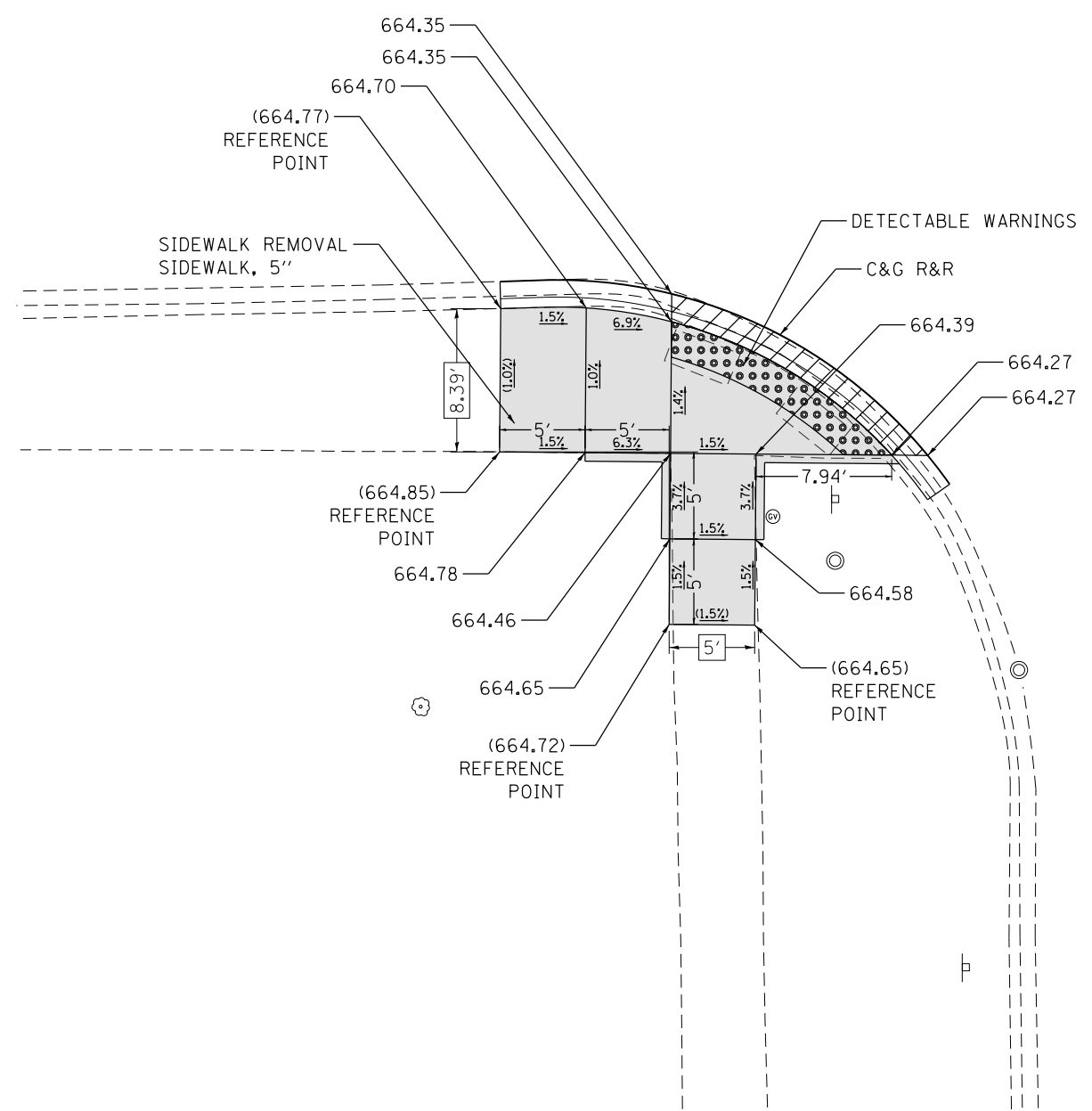
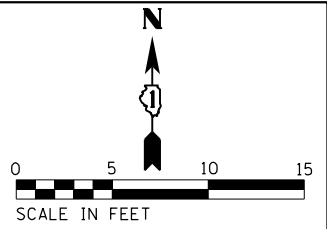
LEGEND

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

REFERENCE BENCHMARK 73 ELEV 663.625
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: EAST SIDE OF N. MAPLE STREET 31.63' NORTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-12.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS CENTRAL ROAD AT N. MAPLE STREET (STA 129+50)	F.A.U R.T.E. 1300	SECTION (1618 & 1819.1)RS	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 64		
Default	PLOT SCALE = 10.0000' / in.	CHECKED - JK	REVISED -			SCALE: 1" = 5'	SHEET 12 OF 31 SHEETS	STA.	TO STA.	CONTRACT NO. 62D20		
	PLOT DATE = 1/19/2018	DATE - 08/18/2017	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

CENTRAL ROAD



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

REFERENCE BENCHMARK 46205 ELEV 665.313
BENCHMARK: CUT CROSS ON HYDRANT FLANGE BOLT
LOCATION: EAST SIDE OF S. MAPLE STREET 37.58' SOUTH OF CENTRAL ROAD

LEGEND

- EXISTING LENGTH (xx.xx)
- EXISTING ELEVATION/SLOPE ()
- PROPOSED SIDE CURB (---)
- PROPOSED SIDEWALK (shaded area)
- DEPRESSED CURB & GUTTER (hatched area)
- DETECTABLE WARNINGS (dotted pattern)
- SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD (cross-hatched area)
- BENCHMARK (circle with crosshair)

REFERENCE BENCHMARK 67 ELEV 664.046
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: WEST SIDE OF S. MAPLE STREET 31.62' SOUTH OF CENTRAL ROAD

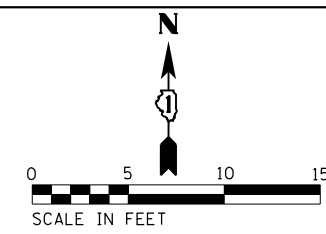
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	PLOT DATE = 1/8/2018	DATE - 08/18/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
CENTRAL ROAD AT S. MAPLE STREET (STA 129+50)

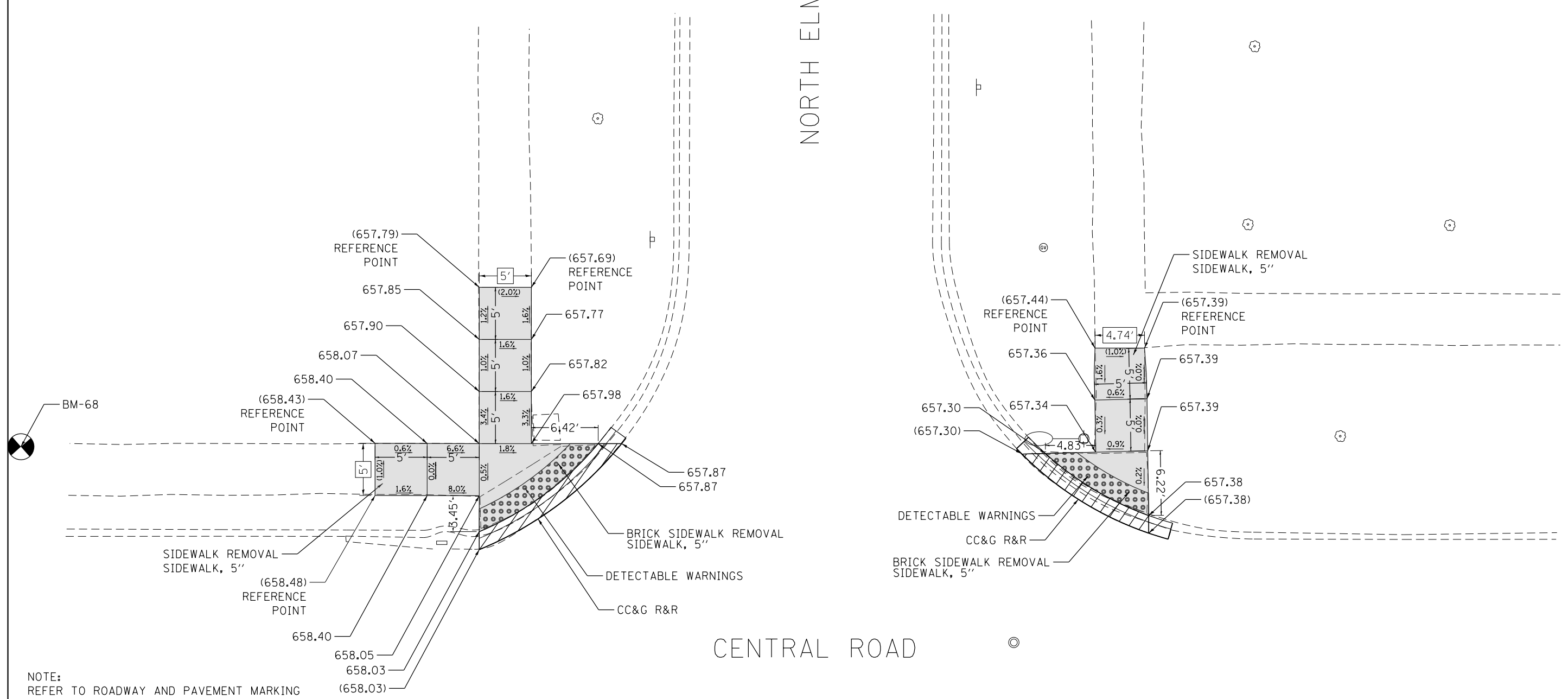
SCALE: 1" = 5' SHEET 13 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	65
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NORTH ELM STREET

CENTRAL ROAD



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

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

REFERENCE BENCHMARK 68 ELEV 659.139
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: WEST SIDE OF N. ELM STREET 31.63' NORTH OF CENTRAL ROAD

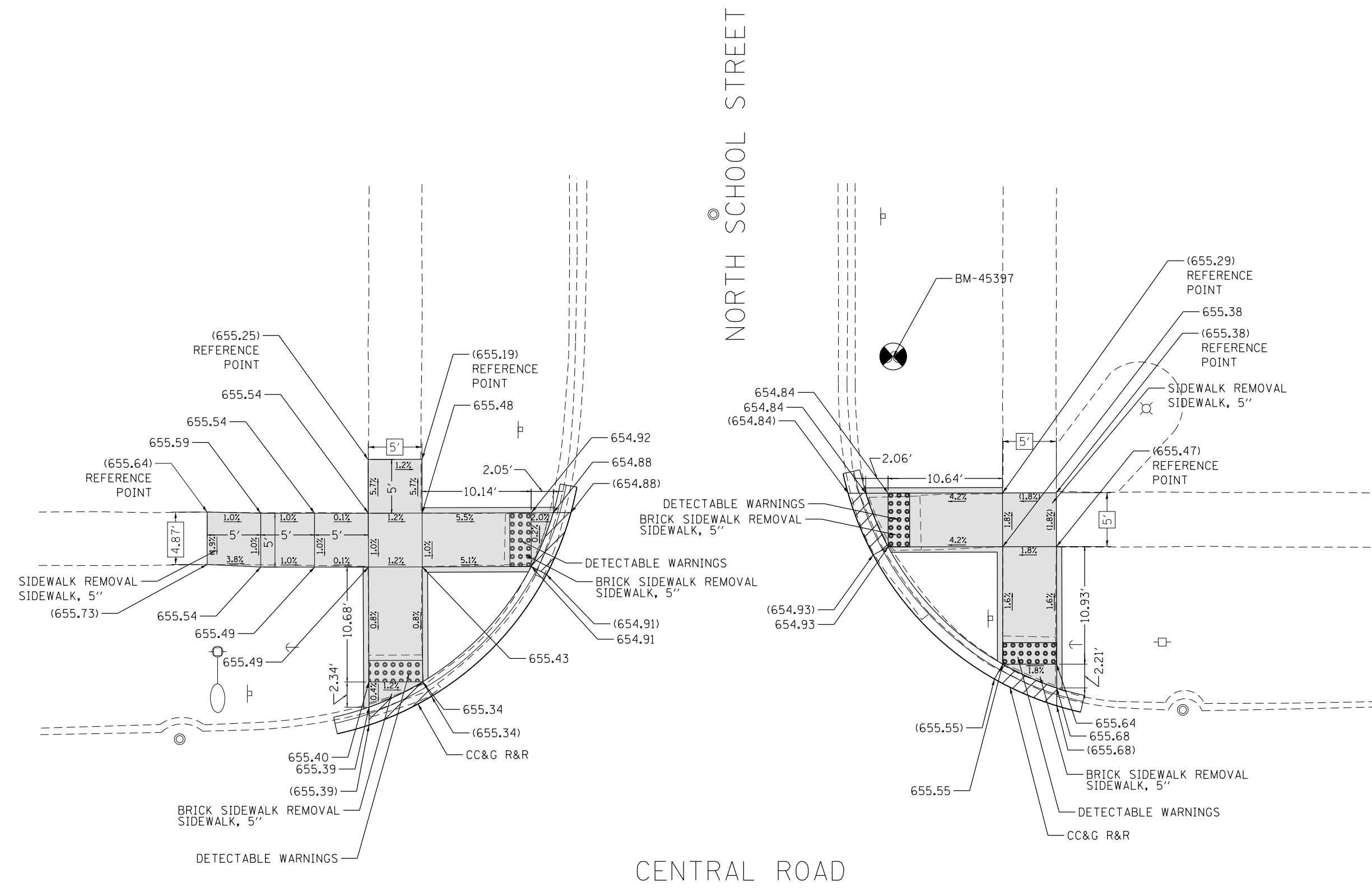
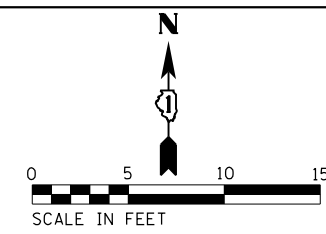
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	PLOT DATE = 1/8/2018	CHECKED - JK	REVISED -
		DATE - 08/18/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
CENTRAL ROAD AT N. ELM STREET (STA 133+50)

SCALE: 1" = 5' SHEET 14 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	66
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

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

REFERENCE BENCHMARK 45397 ELEV 655.944
BENCHMARK: CUT CROSS ON HYDRANT BOLT
LOCATION: EAST SIDE OF N. SCHOOL STREET 56.32' SOUTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-16.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISIONS -
Default	PLOT SCALE = 10.0000' / in.	DRAWN - RM	REVISIONS -
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		DATE - 08/18/2017	REVISIONS -

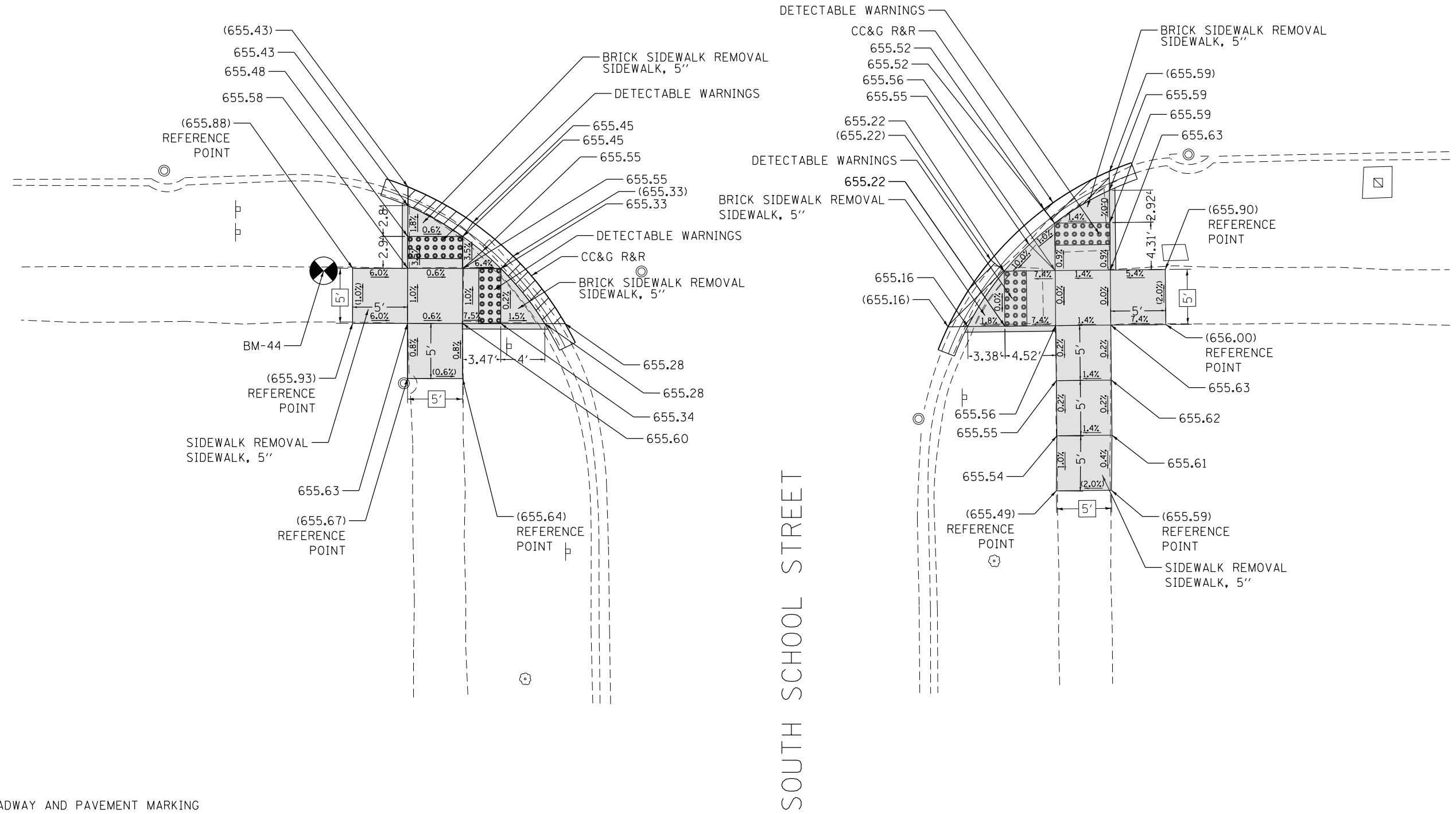
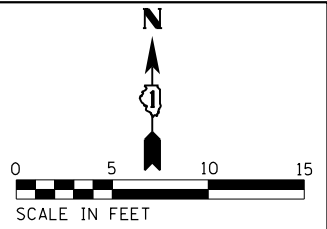
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
CENTRAL ROAD AT N. SCHOOL STREET (STA 137+00)

SCALE: 1" = 5' SHEET 16 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	68
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CENTRAL ROAD



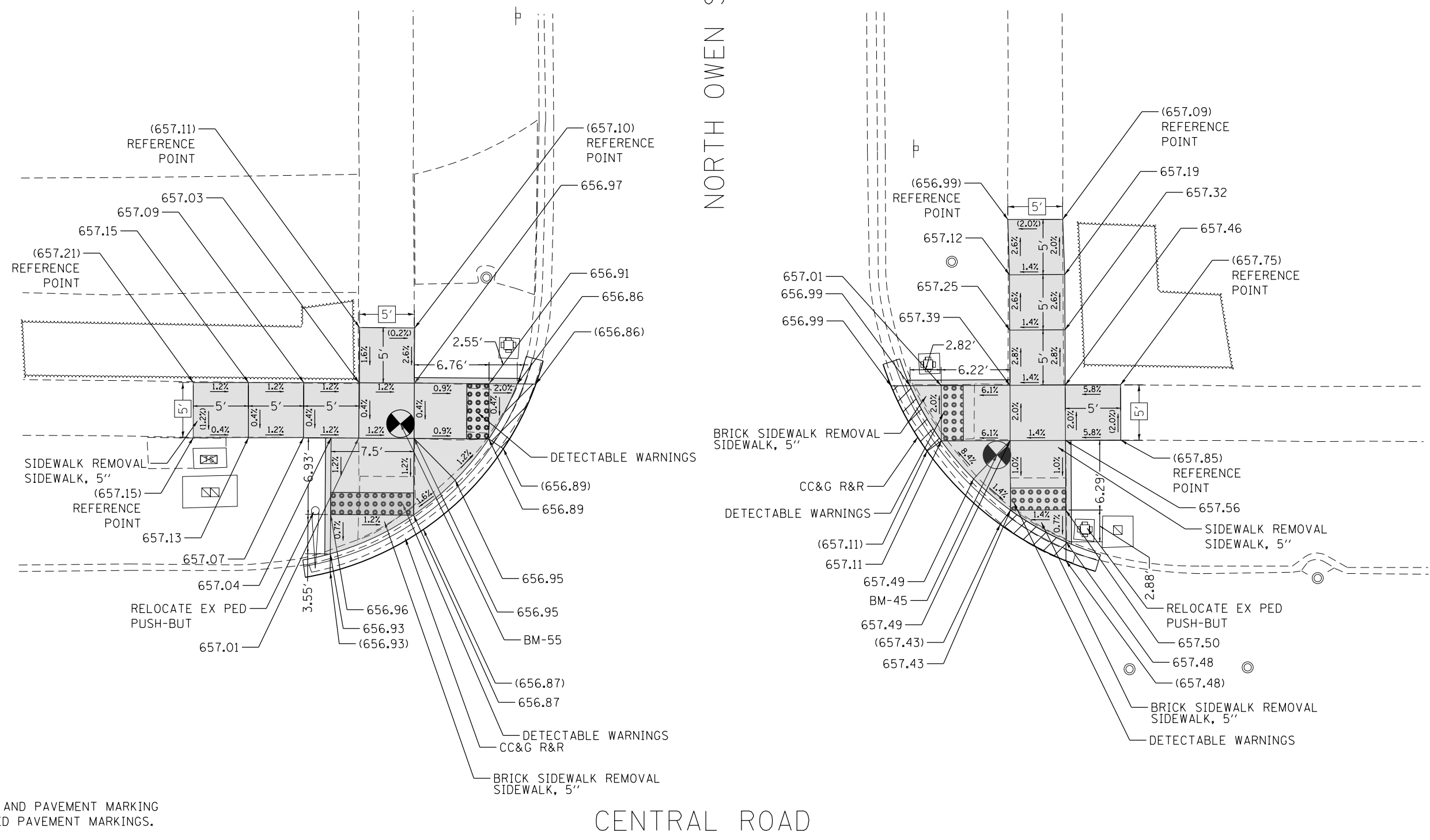
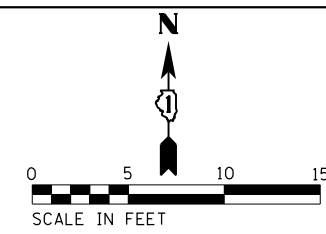
NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

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

REFERENCE BENCHMARK 44 ELEV 655.871
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: WEST SIDE OF S. SCHOOL STREET 31.84' SOUTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-17.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS CENTRAL ROAD AT S. SCHOOL STREET (STA 137+00)	F.A.U. RTE. 1300	SECTION (1618 & 1819.1)RS	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 69		
Default	PLOT SCALE = 10.0000' / in.	CHECKED - JK	REVISED -			SCALE: 1" = 5'	SHEET 17 OF 31 SHEETS	STA.	TO STA.	CONTRACT NO. 62D20		
	PLOT DATE = 1/8/2018	DATE - 08/18/2017	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



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

CENTRAL ROAD

REFERENCE BENCHMARK 55 ELEV 657.089
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: WEST SIDE OF N. OWEN STREET 36.45' NORTH OF CENTRAL ROAD

LEGEND

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

REFERENCE BENCHMARK 45 ELEV 657.538
BENCHMARK: CUT SQUARE CL CONC. WALK
LOCATION: EAST SIDE OF N. OWEN STREET 33.56' NORTH OF CENTRAL ROAD

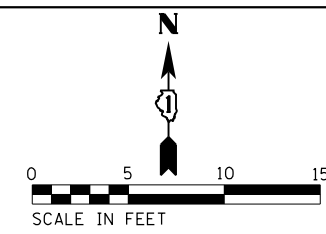
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		DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT N. OWEN STREET (STA 141+00)**

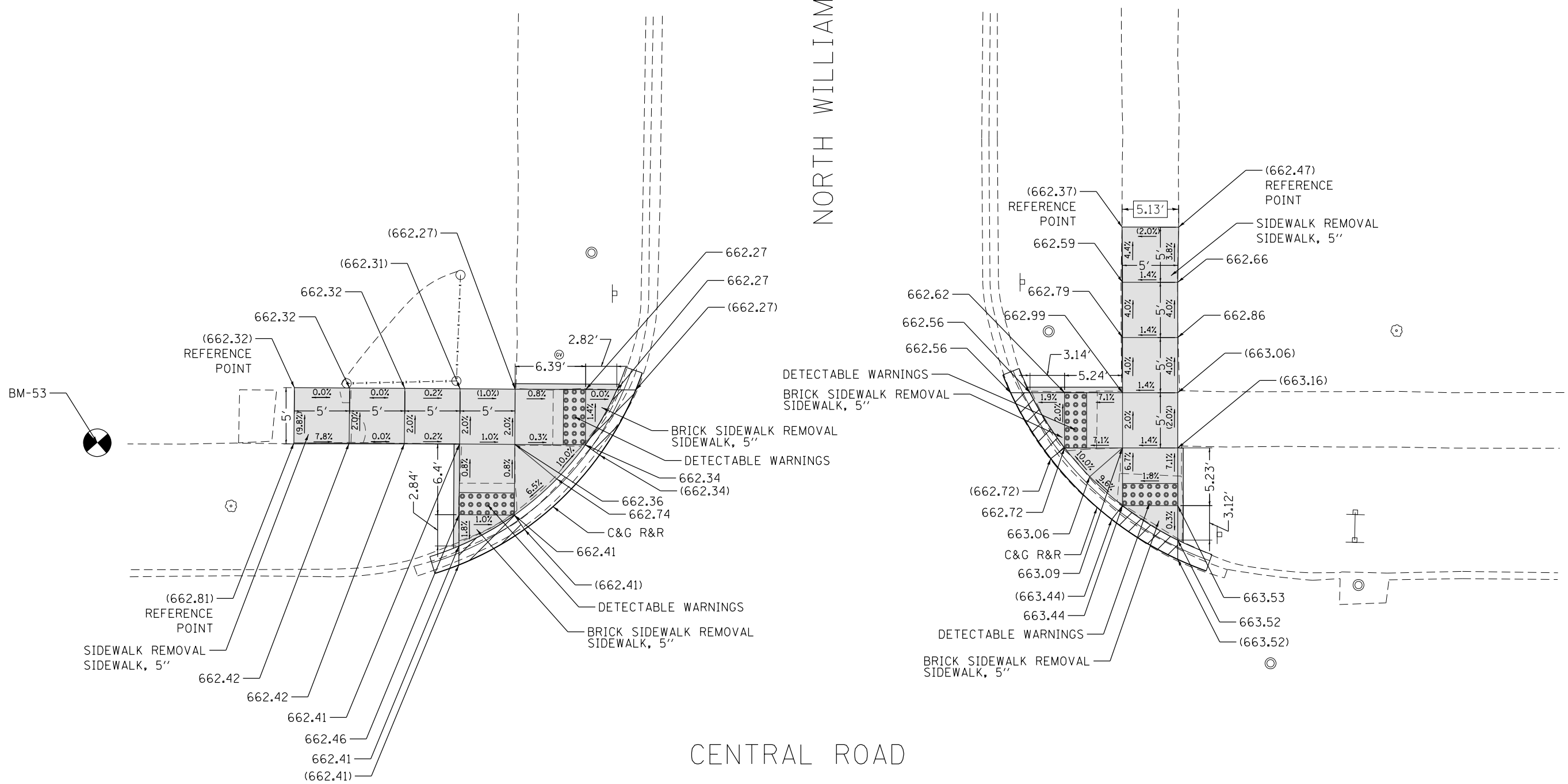
SCALE: 1" = 5' SHEET 18 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	70
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NORTH WILLIAM STREET

CENTRAL ROAD



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

LEGEND	
XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
—	PROPOSED SIDE CURB
[Solid Gray Box]	PROPOSED SIDEWALK
[Dotted Box]	DETECTABLE WARNINGS
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
[Diagonal Hatched Box]	DEPRESSED CURB & GUTTER
[Benchmark Symbol]	BENCHMARK

REFERENCE BENCHMARK 53 ELEV 662.211
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: WEST SIDE OF N. OWEN STREET 35.17' NORTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-20.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISED -
Default	PLOT SCALE = 10.0000' / in.	DRAWN - RM	REVISED -
	PLOT DATE = 1/8/2018	CHECKED - JK	REVISED -
		DATE - 08/18/2017	REVISED -

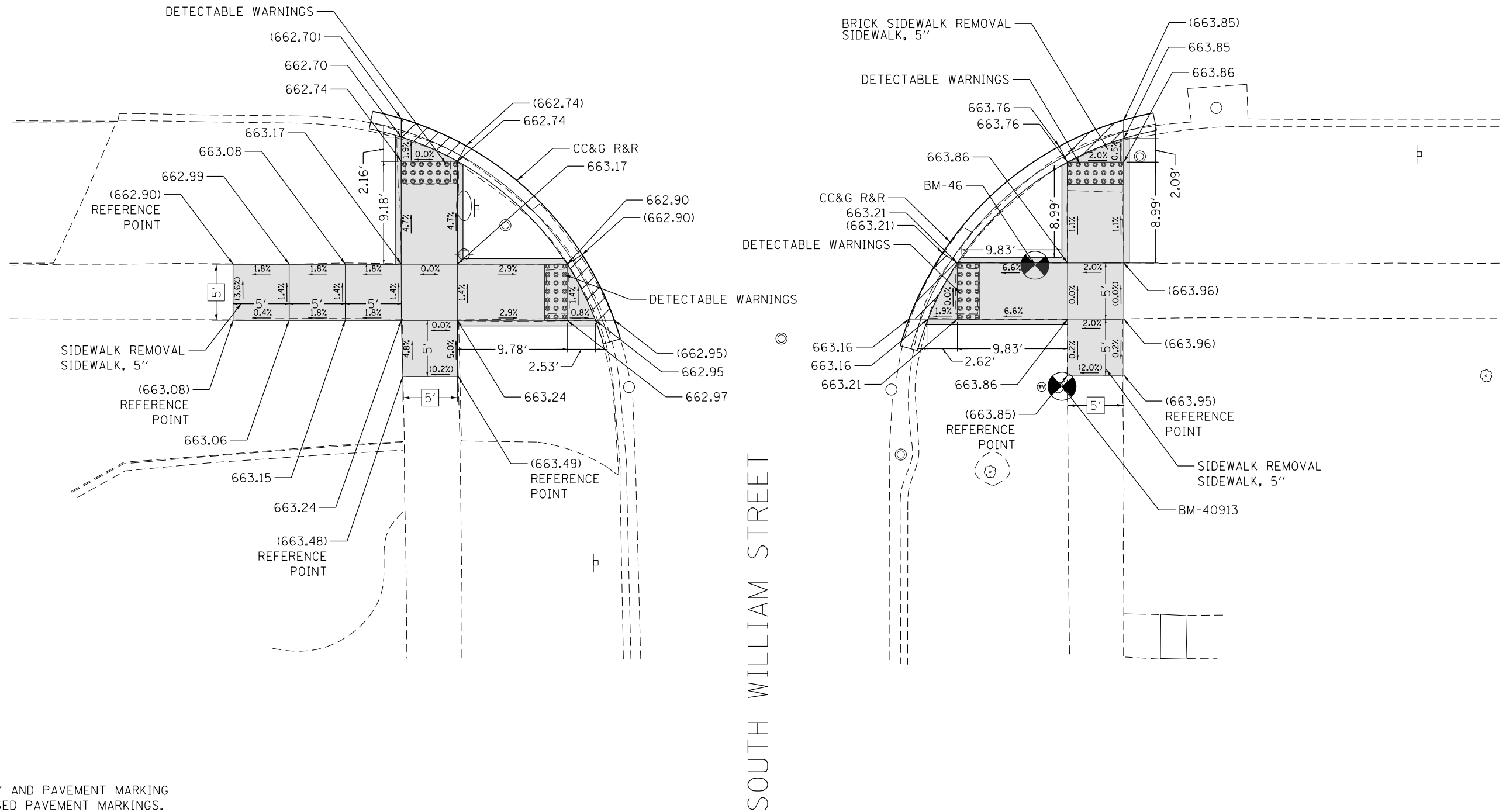
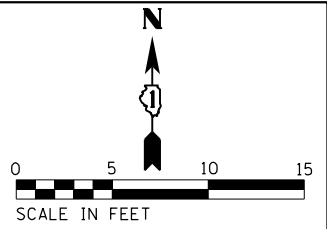
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
CENTRAL ROAD AT N. WILLIAM (STA 144 + 50)

SCALE: 1" = 5' SHEET 20 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	72
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CENTRAL ROAD



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

REFERENCE BENCHMARK 46 ELEV 663.733
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: EAST SIDE OF S. WILLIAM STREET 36.15' NORTH OF CENTRAL ROAD

LEGEND

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

REFERENCE BENCHMARK 40913 ELEV 665.097
BENCHMARK: CUT CROSS ON HYDRANT FLANGE BOLT
LOCATION: EAST SIDE OF S. WILLIAM STREET 46.94' NORTH OF CENTRAL ROAD

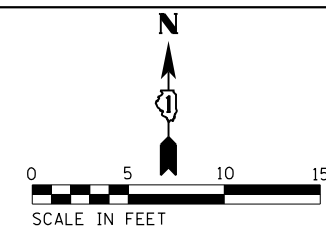
FILE NAME = 62020-sht-detailsRamps-21.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISED -
Default		DRAWN - RM	REVISED -
		CHECKED - JK	REVISED -
		DATE - 08/18/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
CENTRAL ROAD AT S. WILLIAM (STA 144+50)

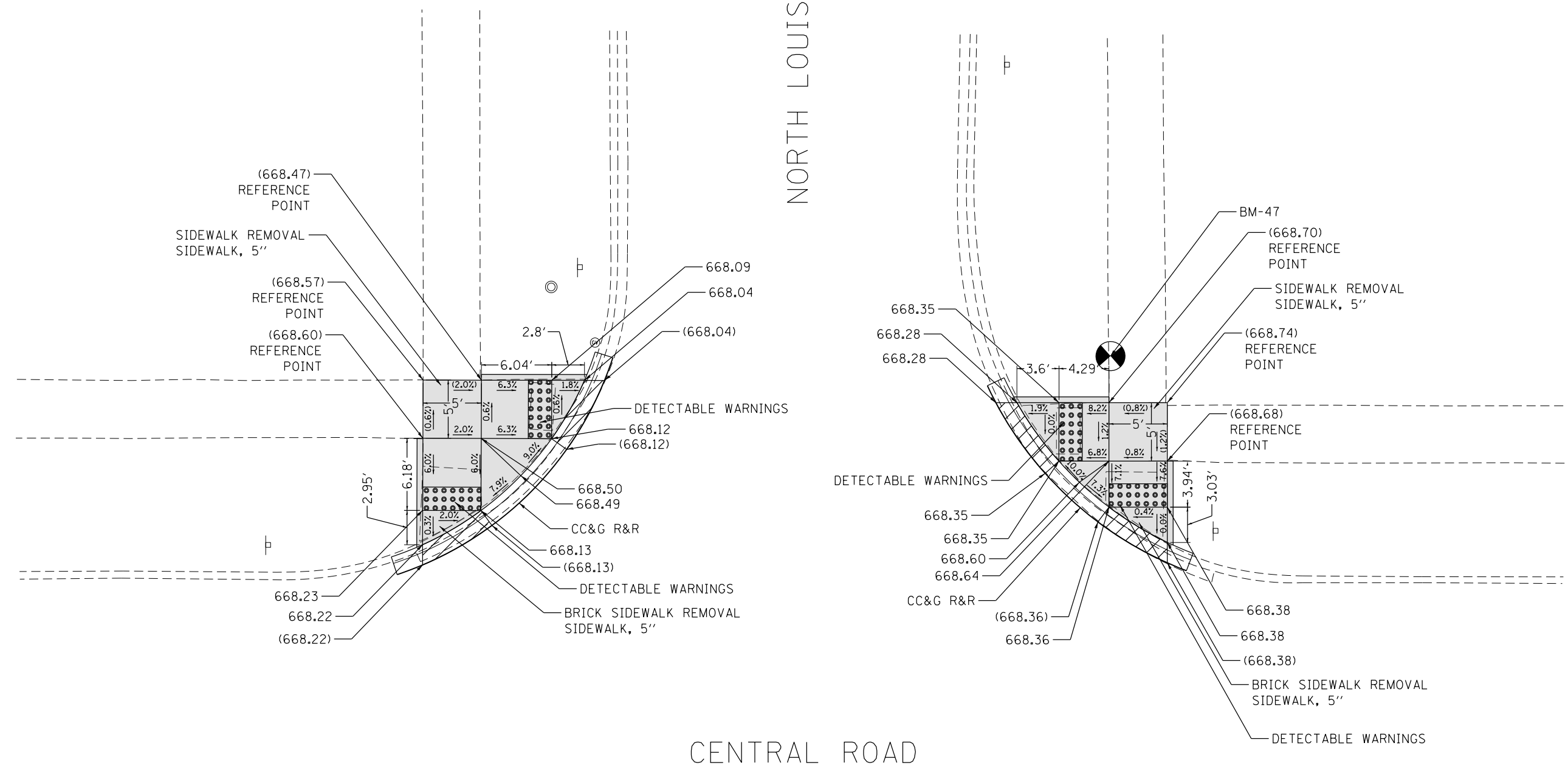
SCALE: 1" = 5' SHEET 21 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	73
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NORTH LOUIS STREET

CENTRAL ROAD



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

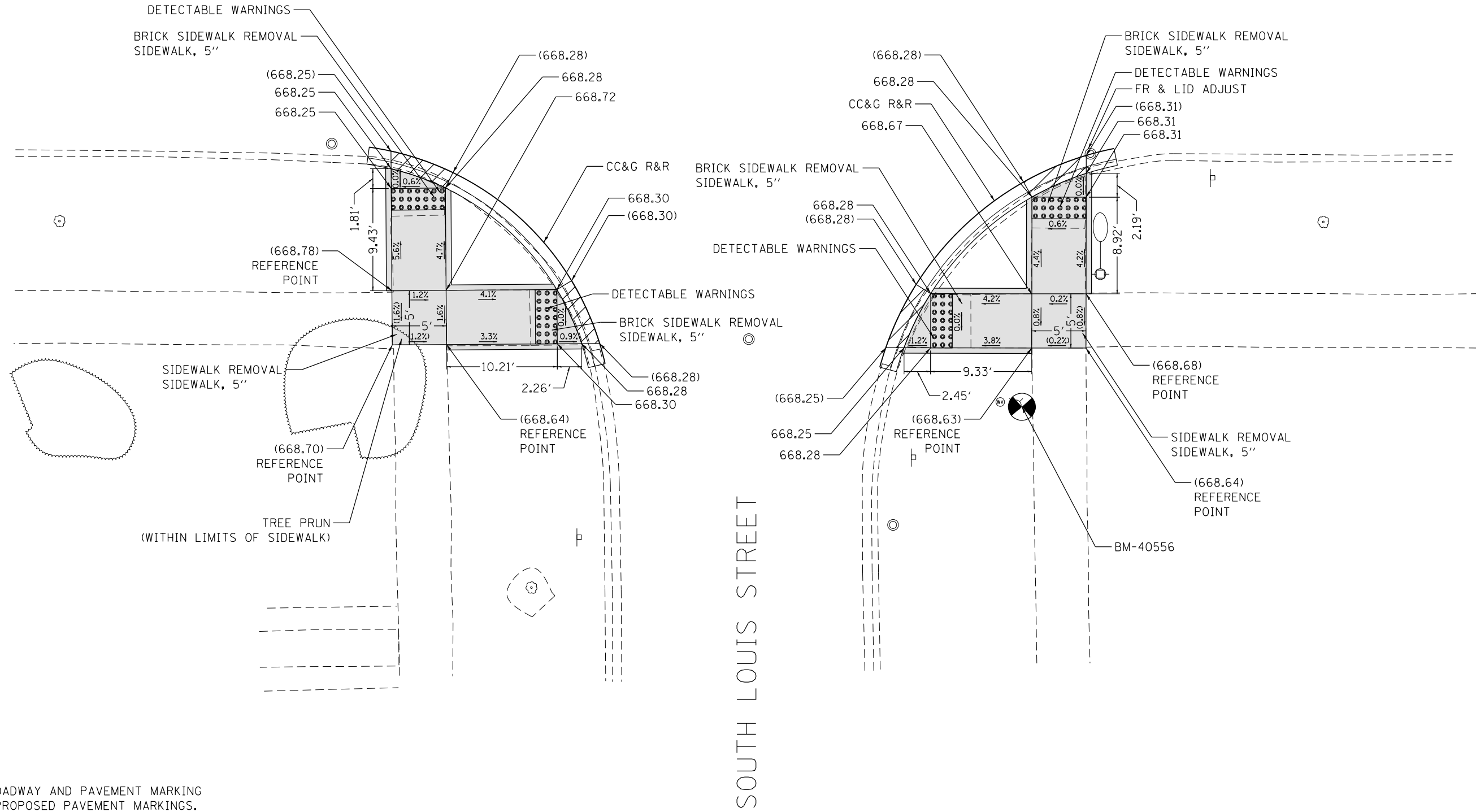
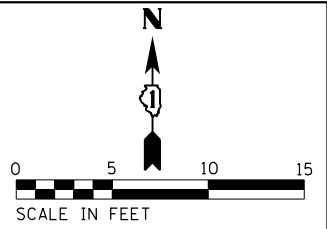
LEGEND

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

REFERENCE BENCHMARK 47 ELEV 668.663
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: EAST SIDE OF N. LOUIS STREET 43.37' NORTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-22.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS CENTRAL ROAD AT N. LOUIS STREET (STA 148+50)	F.A.U. RTE. 1300	SECTION (1618 & 1819.1)RS	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 74		
Default	PLOT SCALE = 10.0000' / in.	CHECKED - JK	REVISED -			SCALE: 1" = 5'	SHEET 22 OF 31 SHEETS	STA.	TO STA.	CONTRACT NO. 62D20		
	PLOT DATE = 1/8/2018	DATE - 08/18/2017	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

CENTRAL ROAD

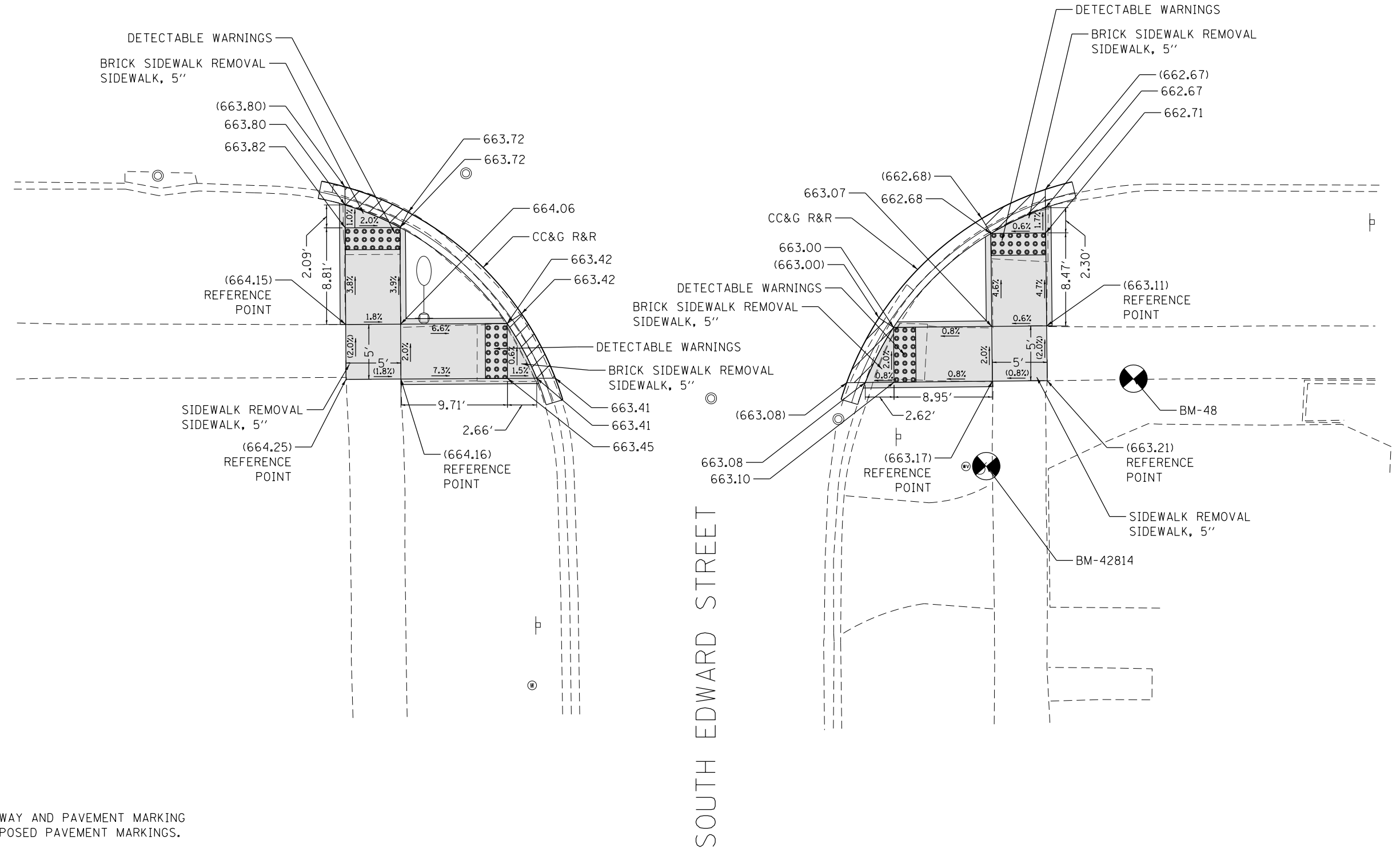
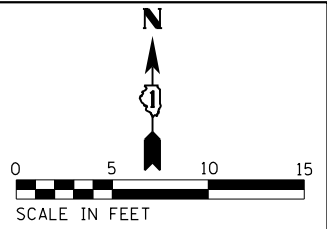


NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

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

REFERENCE BENCHMARK 40556 ELEV 669.849
BENCHMARK: CROSS ON HYDRANT FLANGE BOLT
LOCATION: EAST SIDE OF S. LOUIS ST. 23.31' SOUTH OF CENTRAL ROAD

CENTRAL ROAD



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

REFERENCE BENCHMARK 48 ELEV 663.374
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: EAST SIDE OF S. EDWARD STREET 40.65' SOUTH OF CENTRAL ROAD

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

REFERENCE BENCHMARK 42814 ELEV 664.204
BENCHMARK: CUT CROSS ON HYDRANT FLANGE BOLT
LOCATION: EAST SIDE OF S. EDWARD STREET 48.62' SOUTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-25.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISED -
		DRAWN - RM	REVISED -
		CHECKED - JK	REVISED -
		DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

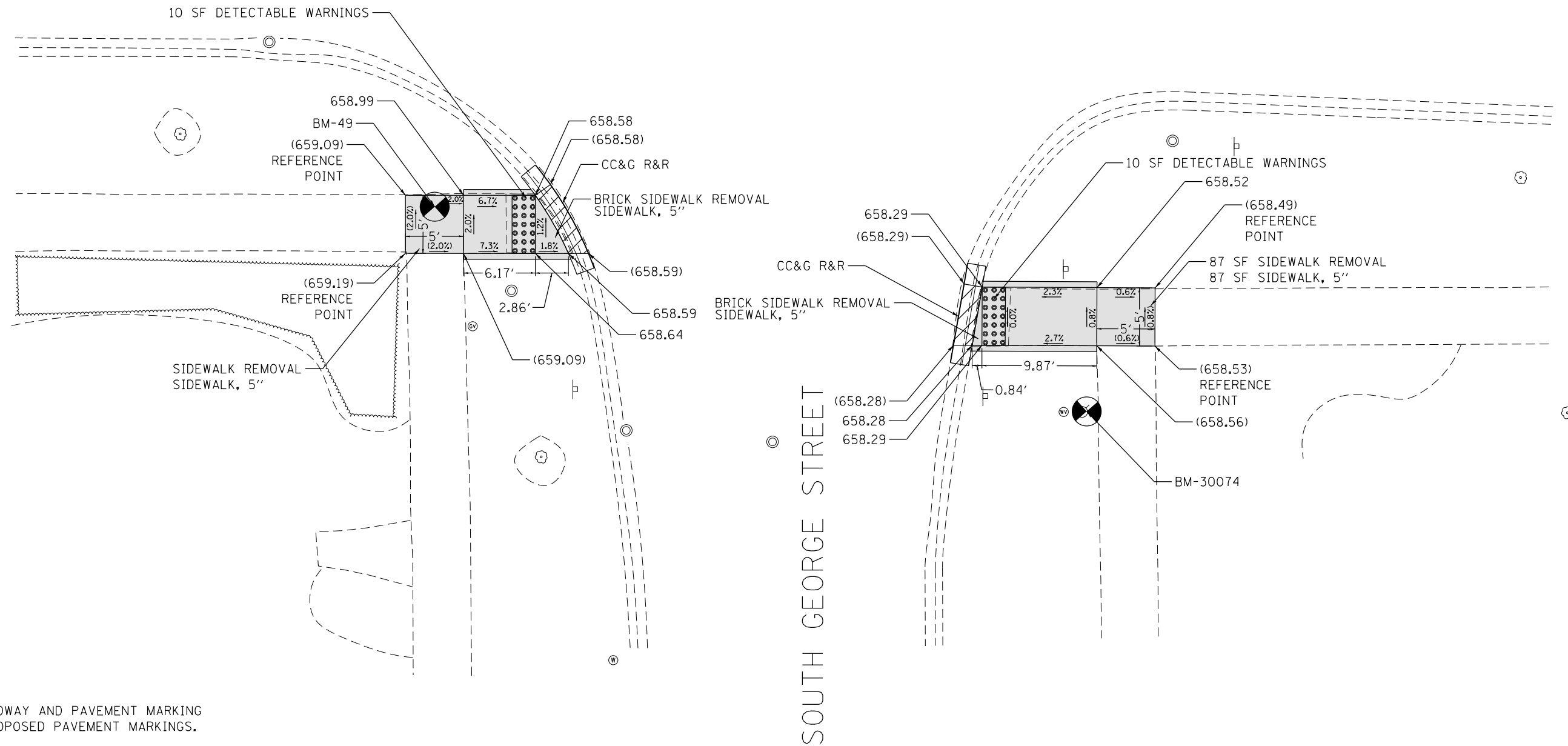
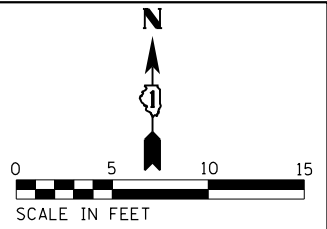
**ADA RAMP DETAILS
CENTRAL ROAD AT S. EDWARD STREET (STA 152+00)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	77
CONTRACT NO. 62D20				

SCALE: 1" = 5' SHEET 25 OF 31 SHEETS STA. TO STA.

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CENTRAL ROAD



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

REFERENCE BENCHMARK 49 ELEV 659.099
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: WEST SIDE OF S. GEORGIA STREET 35.86' SOUTH OF CENTRAL ROAD

LEGEND	
XX.XX	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
---	PROPOSED SIDE CURB
[Solid Grey]	PROPOSED SIDEWALK
[Dotted]	DETECTABLE WARNINGS
[Cross-hatched]	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
[Diagonal Lines]	DEPRESSED CURB & GUTTER
[Circle with cross]	BENCHMARK

REFERENCE BENCHMARK 30074 ELEV 659.302
BENCHMARK: CUT CROSS ON HYDRANT FLANGE BOLT
LOCATION: EAST SIDE OF S. GEORGIA STREET 52.06' SOUTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-26.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISD -
Default	PLOT SCALE = 10.0000' / in.	DRAWN - RM	REVISD -
	PLOT DATE = 1/8/2018	CHECKED - JK	REVISD -
		DATE - 08/18/2017	REVISD -

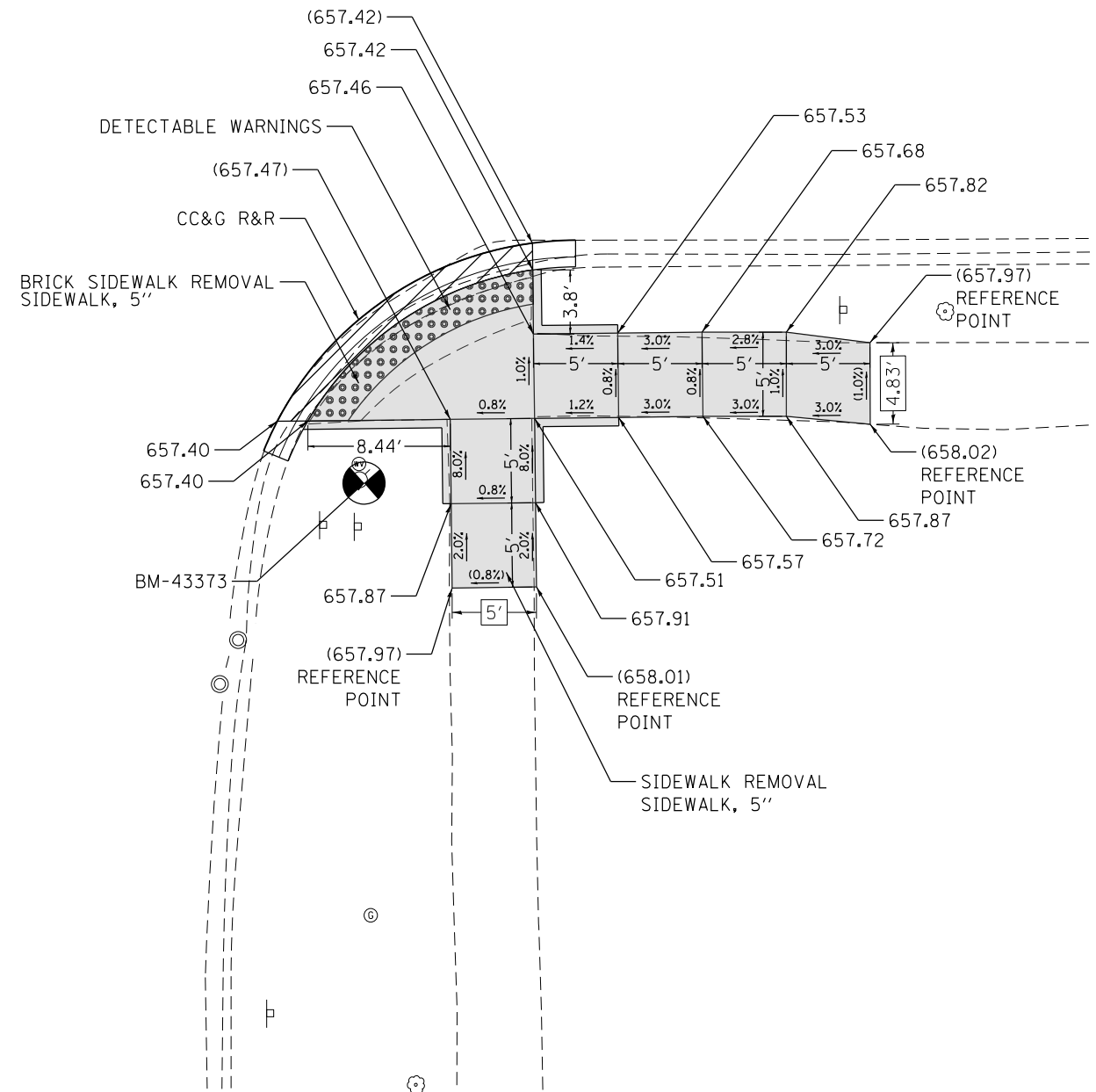
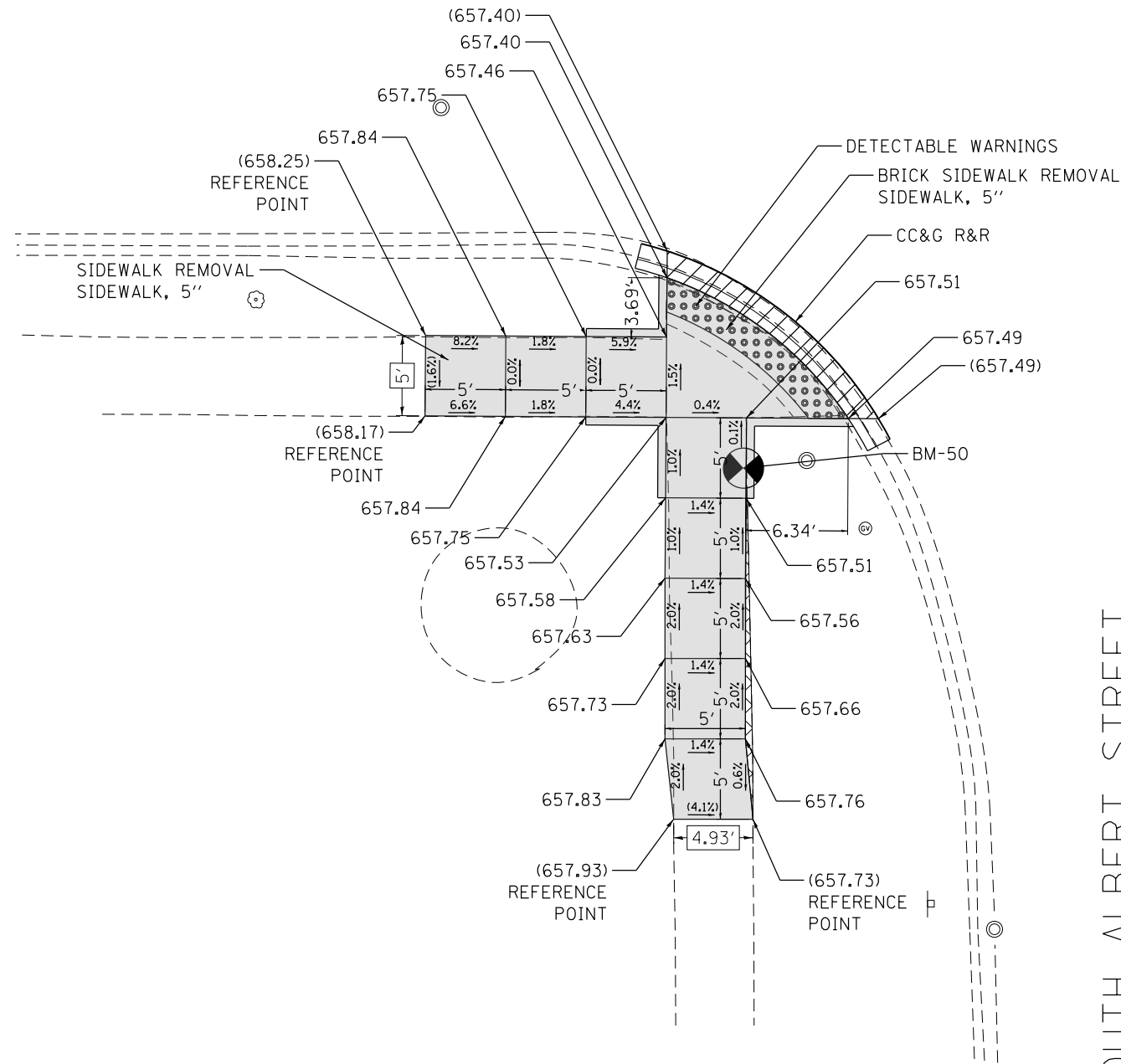
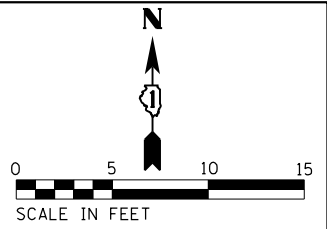
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT S. GEORGIA STREET (STA 156+00)**

SCALE: 1" = 5' SHEET 26 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	78
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CENTRAL ROAD



SOUTH ALBERT STREET

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

REFERENCE BENCHMARK 50 ELEV 658.008
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: WEST SIDE OF S. ALBERT STREET 44.41' SOUTH OF CENTRAL ROAD

LEGEND	
XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
—	PROPOSED SIDE CURB
[Solid Gray Box]	PROPOSED SIDEWALK
[Dotted Box]	DETECTABLE WARNINGS
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
[Diagonal Lines Box]	DEPRESSED CURB & GUTTER
[Circle with Crosshair]	BENCHMARK

REFERENCE BENCHMARK 43373 ELEV 659.741
BENCHMARK: CUT CROSS ON HYDRANT FLANGE BOLT
LOCATION: EAST SIDE OF S. ALBERT STREET 44.60' SOUTH OF CENTRAL ROAD

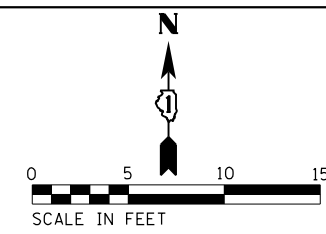
FILE NAME = 62020-sht-detailsRamps-28.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISED -
		DRAWN - RM	REVISED -
		CHECKED - JK	REVISED -
		DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
CENTRAL ROAD AT S. ALBERT STREET (STA 160+00)**

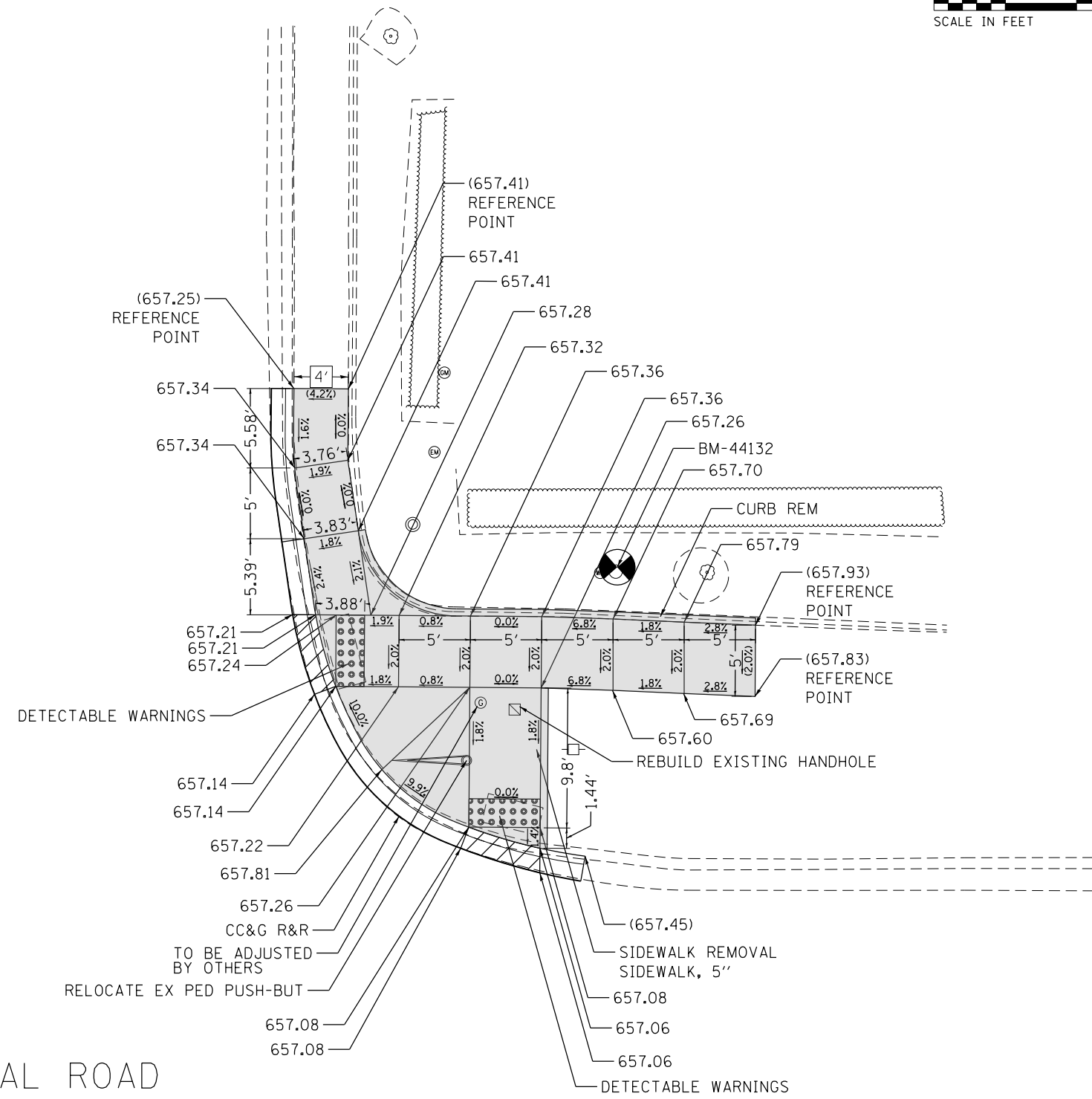
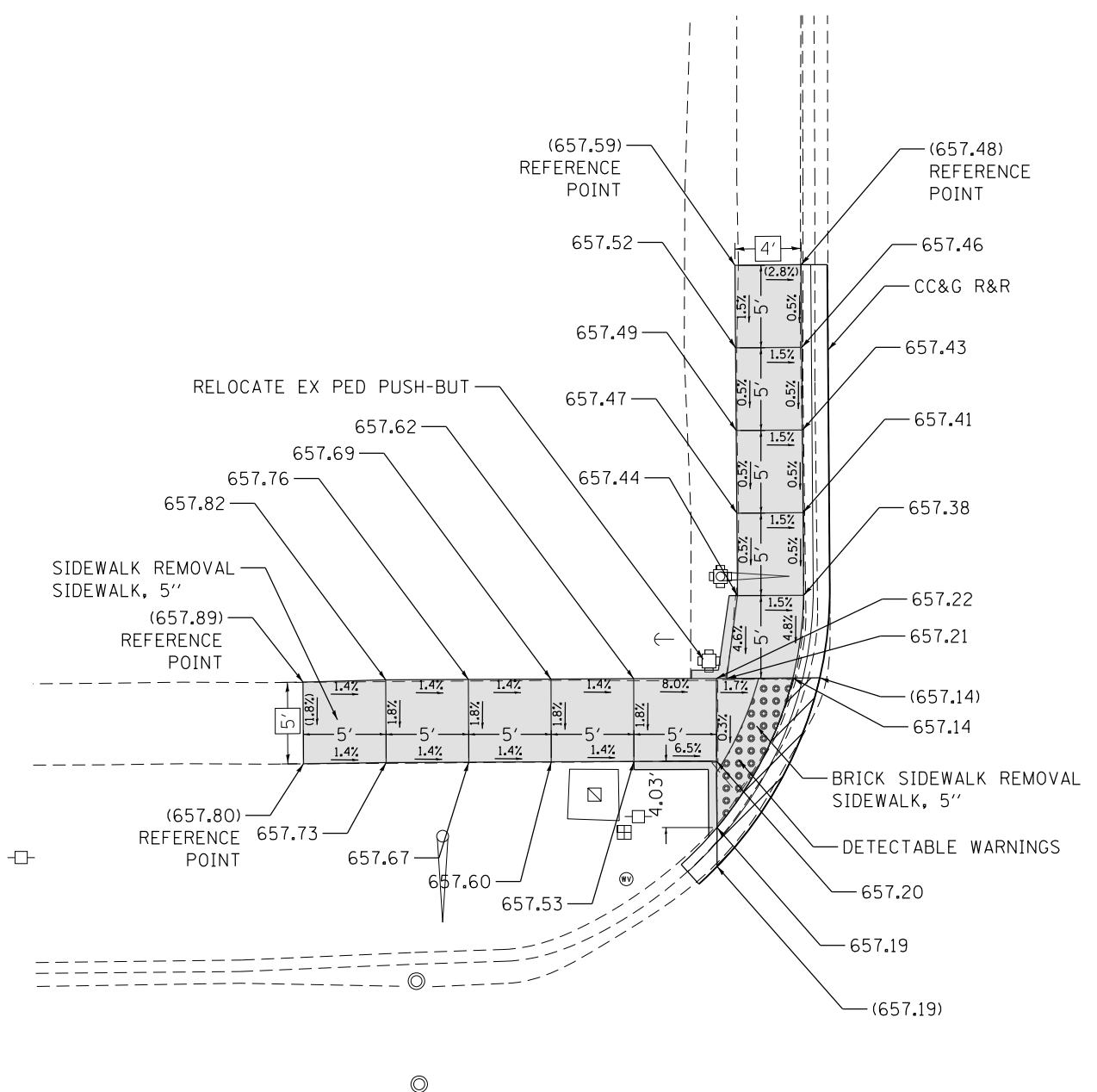
SCALE: 1" = 5' SHEET 28 OF 31 SHEETS STA. TO STA.

F.A.U. RTE. 1300	SECTION (1618 & 1819.1)RS	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 80
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



MT. PROSPECT ROAD

CENTRAL ROAD



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

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

REFERENCE BENCHMARK 44132 ELEV 659.533
BENCHMARK: CUT CROSS ON HYDRANT FLANGE BOLT
LOCATION: NE CORNER OF MT. PROSPECT ROAD 53.40' NORTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-29.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISED -
Default	PLOT SCALE = 10.0000' / in.	DRAWN - RM	REVISED -
	PLOT DATE = 1/8/2018	CHECKED - JK	REVISED -
		DATE - 08/18/2017	REVISED -

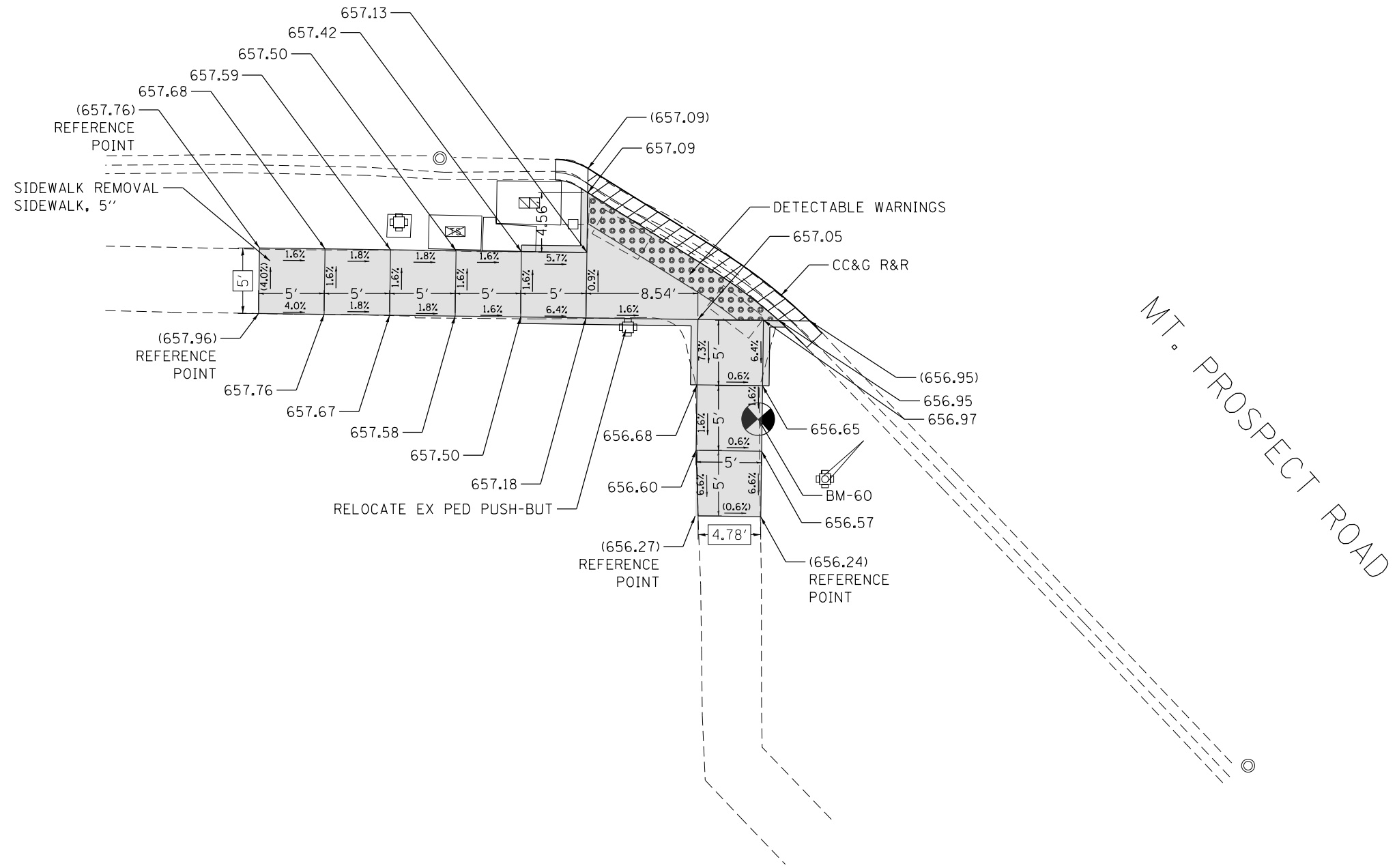
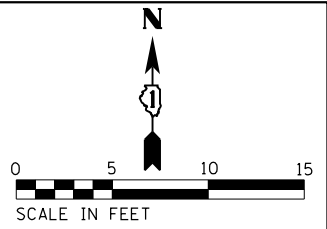
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
CENTRAL ROAD AT MOUNT PROSPECT ROAD (STA 162+00)

SCALE: 1" = 5' SHEET 29 OF 31 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	81
CONTRACT NO. 62020				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CENTRAL ROAD



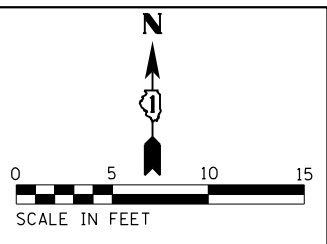
NOTE:
REFER TO ROADWAY AND PAVEMENT MARKING
PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND	
xx.xx	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
—	PROPOSED SIDE CURB
[Solid Grey]	PROPOSED SIDEWALK
[Dotted]	DETECTABLE WARNINGS
[Cross-hatched]	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
[Diagonal Hatching]	DEPRESSED CURB & GUTTER
[Circle with cross]	BENCHMARK

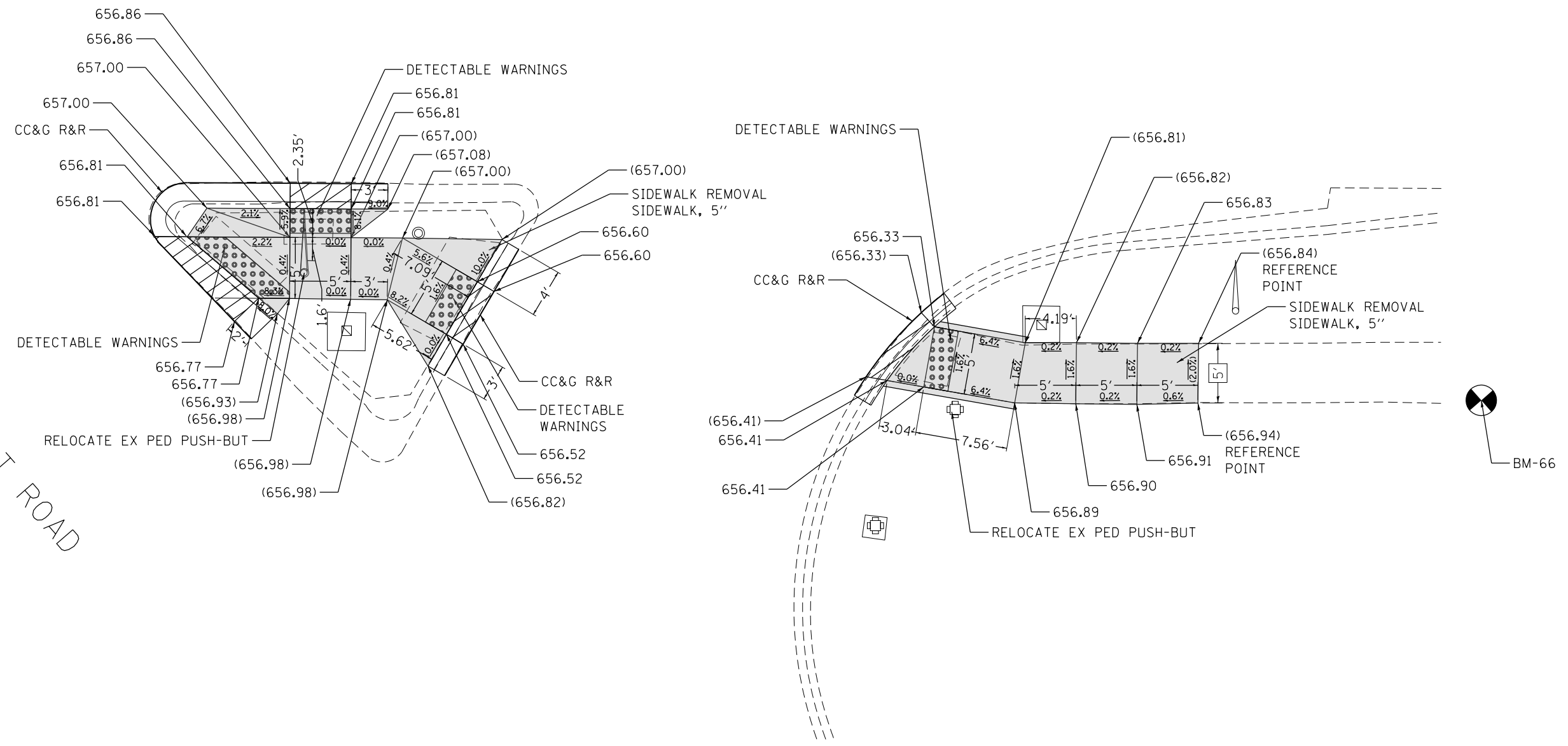
REFERENCE BENCHMARK 60 ELEV 656.730
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: SW CONNER OF MT. PROSPECT ROAD 52.84' SOUTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-30.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS CENTRAL ROAD AT MOUNT PROSPECT ROAD (STA 162+00)	F.A.U. RTE. 1300	SECTION (1618 & 1819.1)RS	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 82		
Default	PLOT SCALE = 10.0000' / in.	CHECKED - JK	REVISIONS -			SCALE: 1" = 5'	SHEET 30 OF 31 SHEETS	STA. TO STA.	CONTRACT NO. 62D20			
	PLOT DATE = 1/8/2018	DATE - 08/18/2017	REVISIONS -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

CENTRAL ROAD



MT. PROSPECT ROAD



LEGEND	
xx.xx	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
—	PROPOSED SIDE CURB
[Grid of dots]	DETECTABLE WARNINGS
[Cross-hatch pattern]	SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD
[Solid gray box]	PROPOSED SIDEWALK
[Hatched box]	DEPRESSED CURB & GUTTER
[Circle with cross]	BENCHMARK

REFERENCE BENCHMARK 66 ELEV 657.048
BENCHMARK: CUT CROSS IN CONC. WALK
LOCATION: SE CONNER OF MT. PROSPECT ROAD 17.22' SOUTH OF CENTRAL ROAD

FILE NAME = 62020-sht-detailsRamps-31.dgn	USER NAME = JKJELMA	DESIGNED - JK	REVISED -
Default	PLOT SCALE = 10.0000' / in.	DRAWN - RM	REVISED -
	PLOT DATE = 1/8/2018	CHECKED - JK	REVISED -
		DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

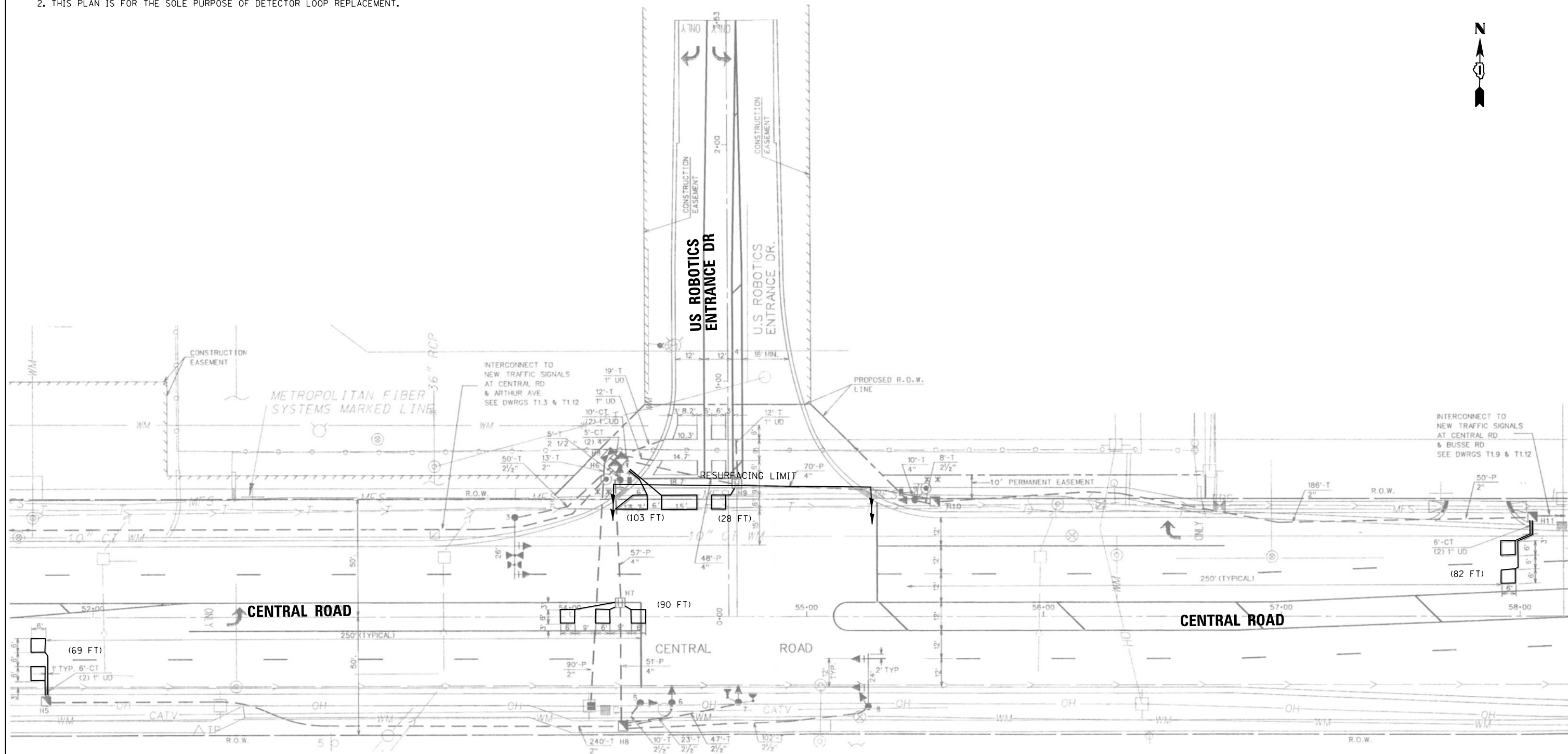
**ADA RAMP DETAILS
CENTRAL ROAD AT MOUNT PROSPECT ROAD (STA 162+00)**

SCALE: 1" = 5' SHEET 31 OF 31 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	83
CONTRACT NO. 62D20				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTES:

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



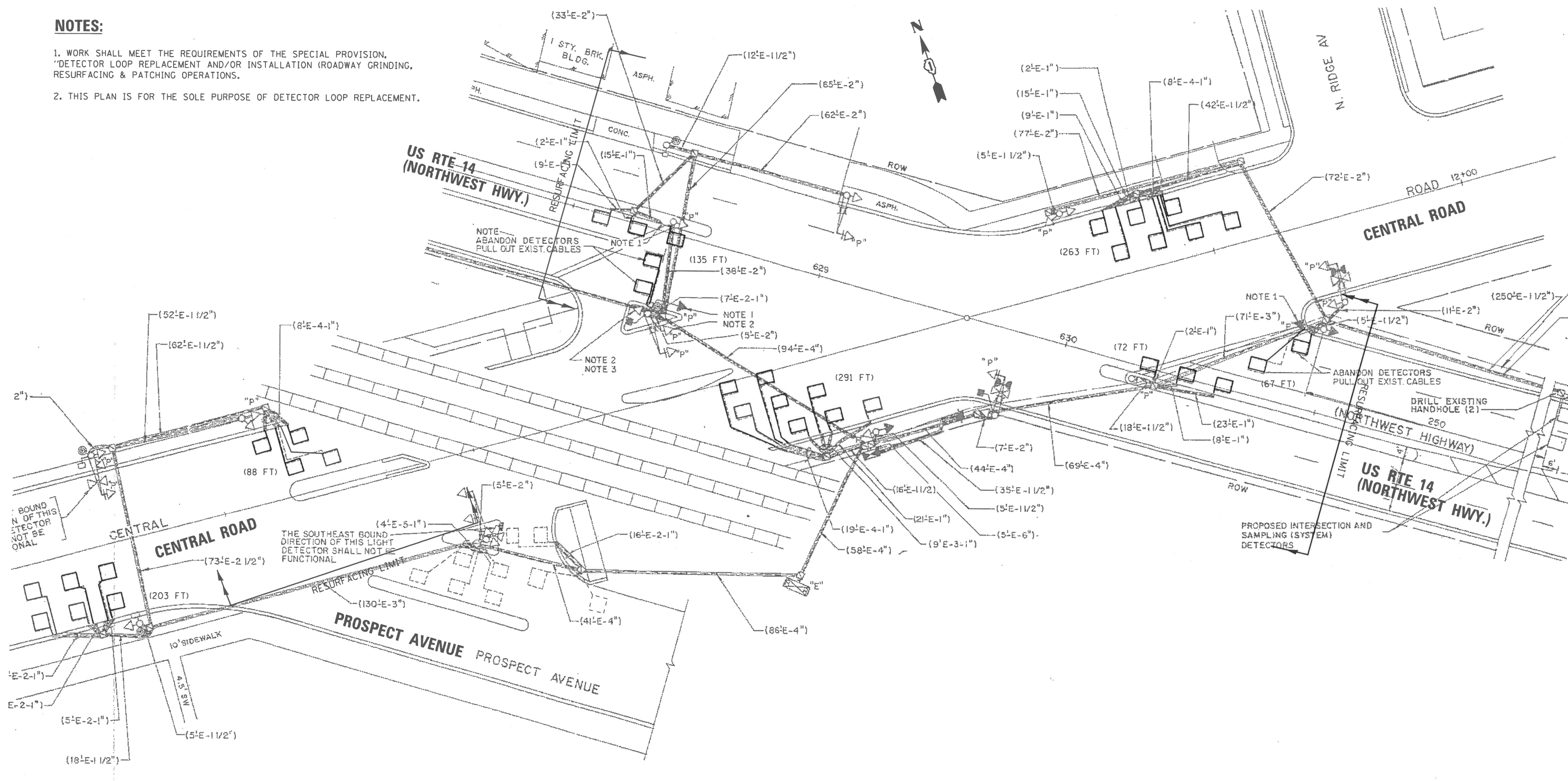
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	372	FOOT

FILE NAME - TS 9690 CENTRAL & US ROBOTICS ENTRANCE	USER NAME - SNOWBA DR_06222017.dgn	DESIGNED - BAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN CENTRAL ROAD AT US ROBOTICS ENTRANCE DR	F.A.P. RTE. 1300	SECTION (1618 & 1819)RS	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 86	
Default	PLOT SCALE = 40.0504' / in.	CHECKED - LP	REVISED -			CONTRACT NO. 62D20					
	PLOT DATE = 6/22/2017	DATE - 06/22/2017	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: SHEET OF SHEETS STA. TO STA.					

NOTES:

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



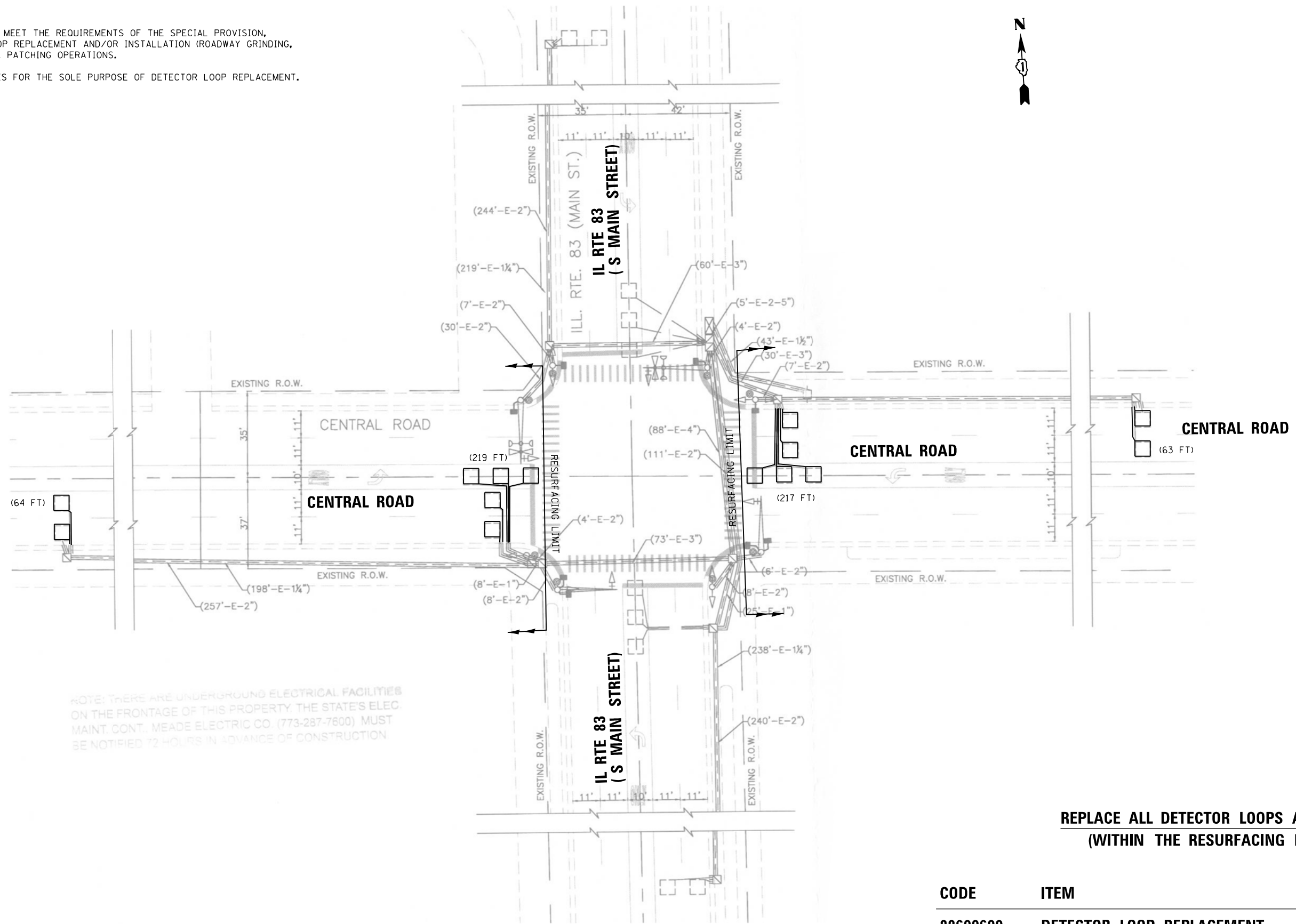
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	1119	FOOT

FILE NAME = TS 9690 CENTRAL & US RTE.14.02162017.dwg	USER NAME = snowbe	DESIGNED - ZGJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN CENTRAL ROAD AT US RTE 14 (NORTHWEST HWY.)	F.A.P. RTE. 1300	SECTION (1618 & 1819.1RS)	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 88
PLOT SCALE = 40.0000' / in.	CHECKED - LP	REVISOR -	DATE - 02/16/2017			CONTRACT NO. 62020	ILLINOIS FED. AID PROJECT			
PLOT DATE = 10/12/2017	DATE -	REVISOR -	SCALE:			SHEET OF SHEETS	STA. TO STA.			
Default										

NOTES:

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

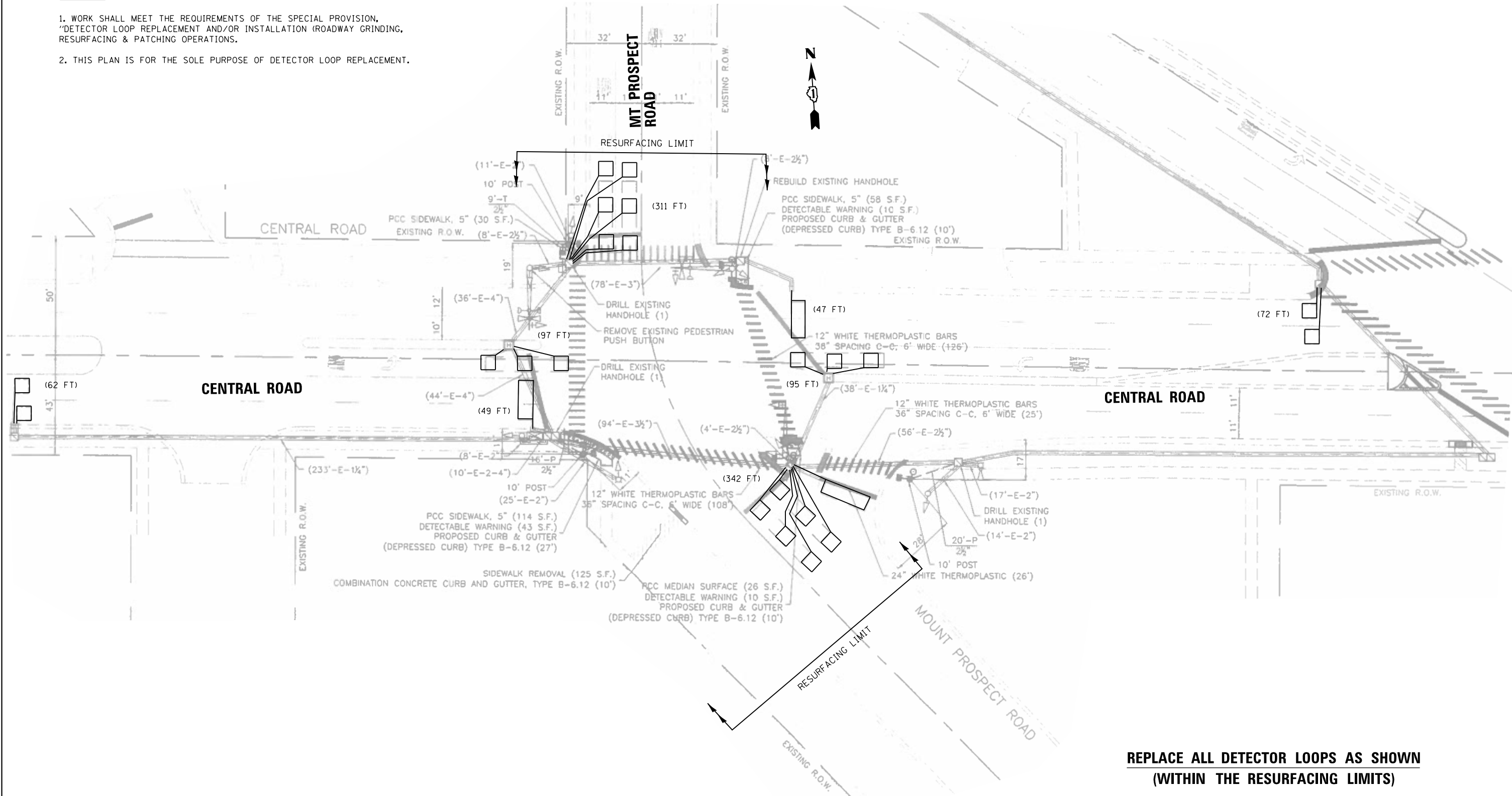


CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	563	FOOT

FILE NAME =	USER NAME = javanmardizg	DESIGNED - ZGJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN CENTRAL ROAD AT IL RTE 83 (S MAIN STREET)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TS 9660 CENTRAL & IL RTE.83.02162017.dgn	DRAWN - ZGJ	REVISED -	1300			(1618 & 1819.1)RS	COOK	107	89	
Default	PLOT SCALE = 40.0000' / in.	CHECKED - LP	REVISED -			CONTRACT NO. 62D20			ILLINOIS FED. AID PROJECT	
	PLOT DATE = 2/16/2017	DATE - 02/16/2017	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.

NOTES:

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



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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	1075	FOOT

FILE NAME =	USER NAME = SNOWBA	DESIGNED - BAS	REVISED -
TS 9690 CENTRAL & MT PROSPECT ROAD.02	7/2017.dgn	DRAWN - BAS	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - LP	REVISED -
	PLOT DATE = 7/31/2017	DATE - 07/31/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

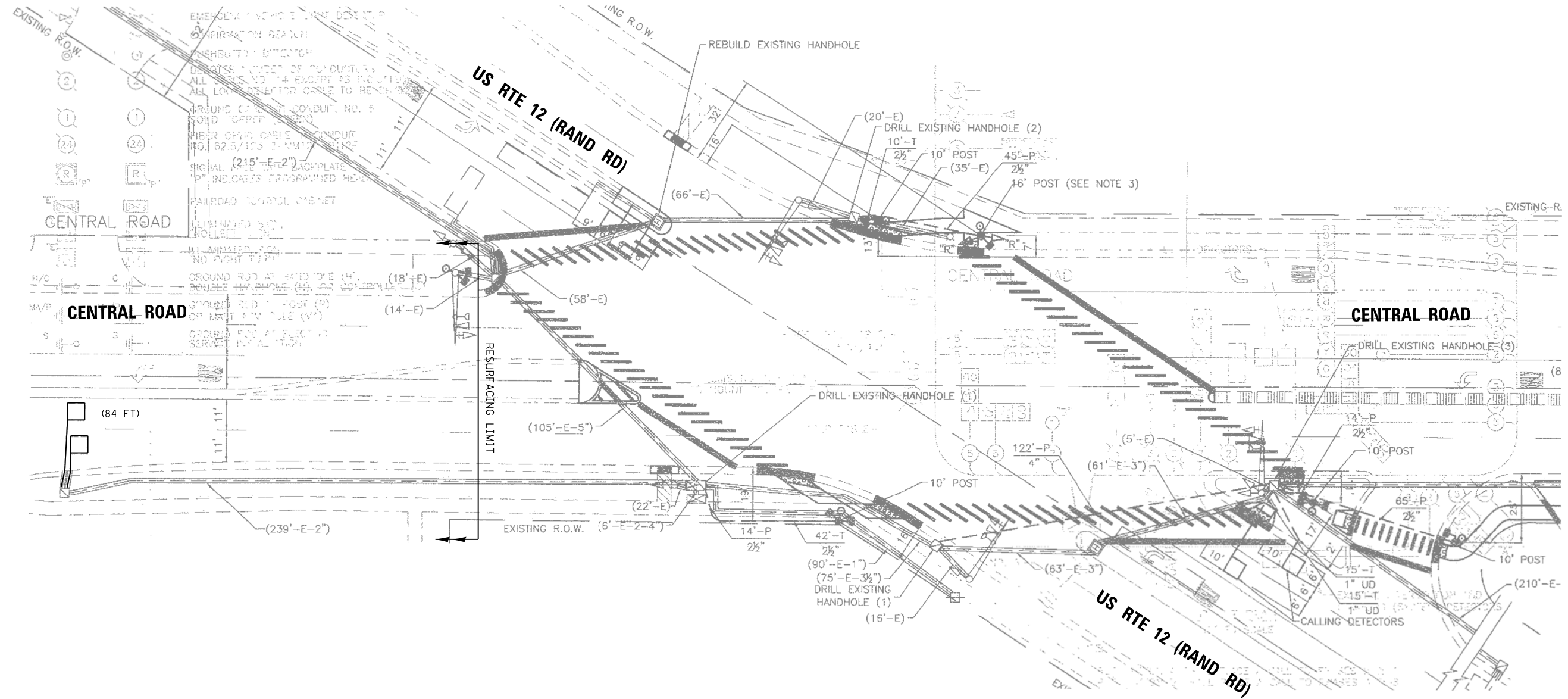
**DETECTOR LOOP REPLACEMENT PLAN
CENTRAL ROAD AT MT. PROSPECT ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1)RS	COOK	107	91
			CONTRACT NO. 62D20	
ILLINOIS FED. AID PROJECT				

NOTES:

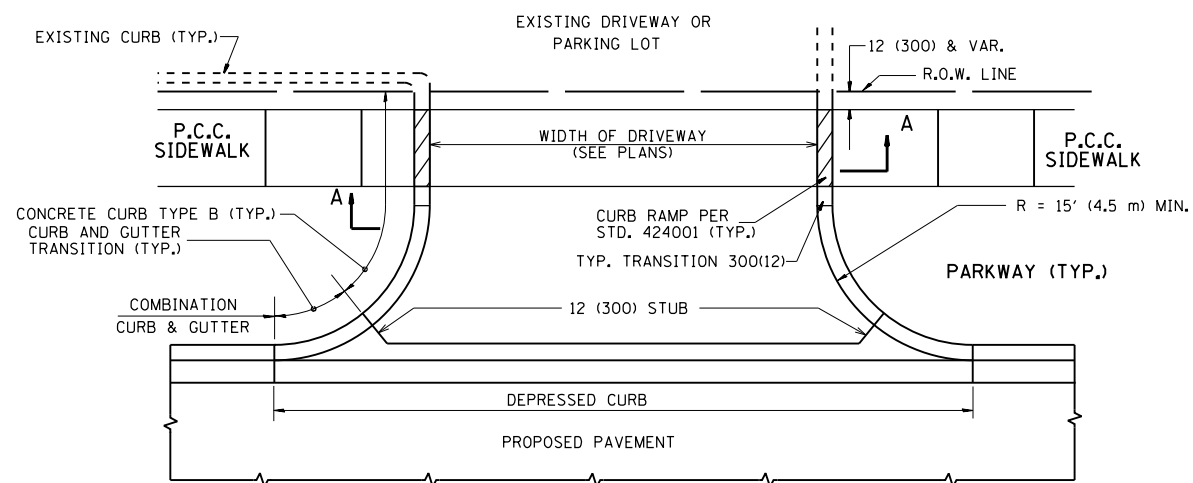
1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



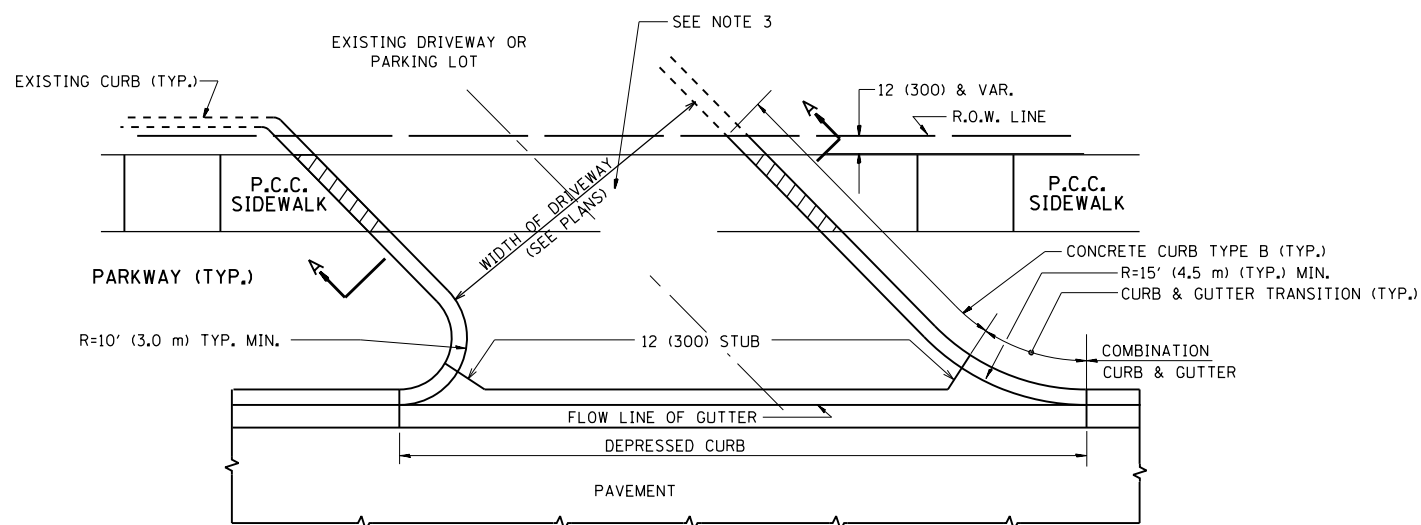
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	84	FOOT

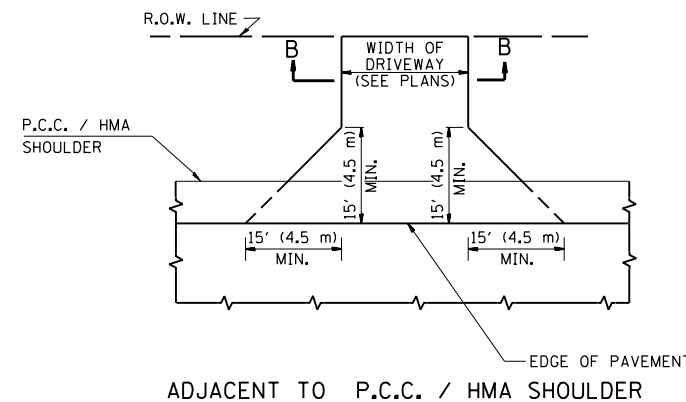
FILE NAME = TS 9650 - CENTRAL RD AT RAND RD.07312017.dgn	USER NAME = SNOWBA	DESIGNED - BAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN CENTRAL ROAD AT US RTE 12 (RAND RD)	F.A.P. RTE. 1300	SECTION (1618 & 1819.1)RS	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 92	
Default	PLOT SCALE = 48.0000' / in.	CHECKED - LP	REVISED -			CONTRACT NO. 62D20					
	PLOT DATE = 7/31/2017	DATE - 07/31/2017	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET OF SHEETS	STA. TO STA.			



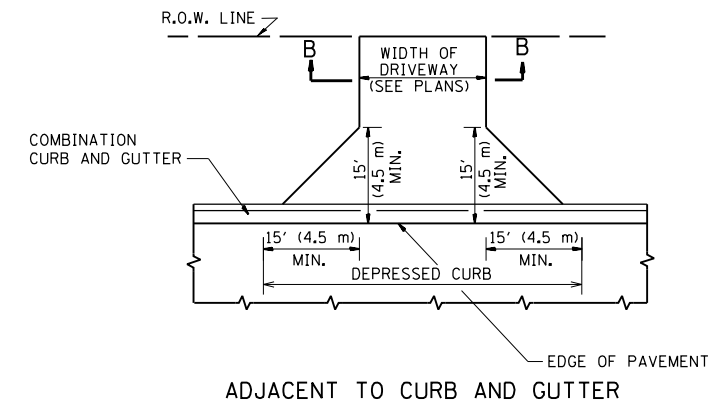
WITH CONCRETE CURB, TYPE B



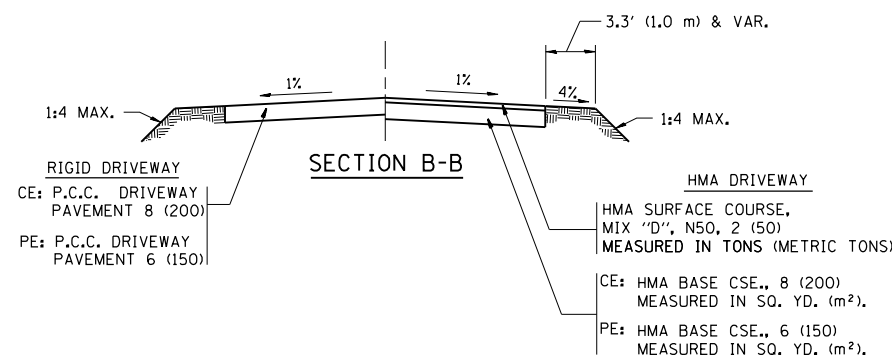
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE,
MIX "D", N50, 2 (50)
MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200)
MEASURED IN SQ. YD. (m²).

GENERAL NOTES:

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

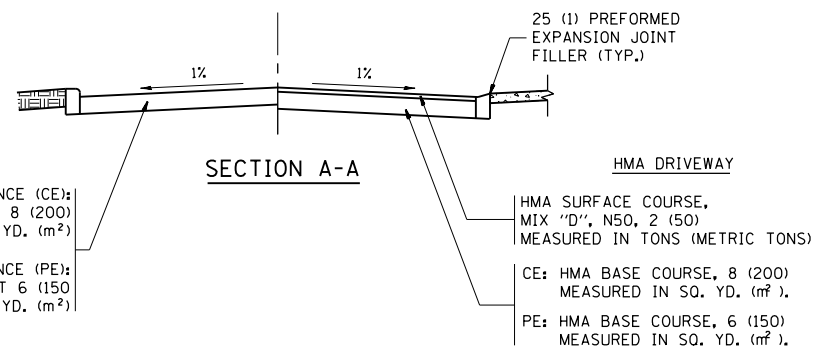
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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

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

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

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

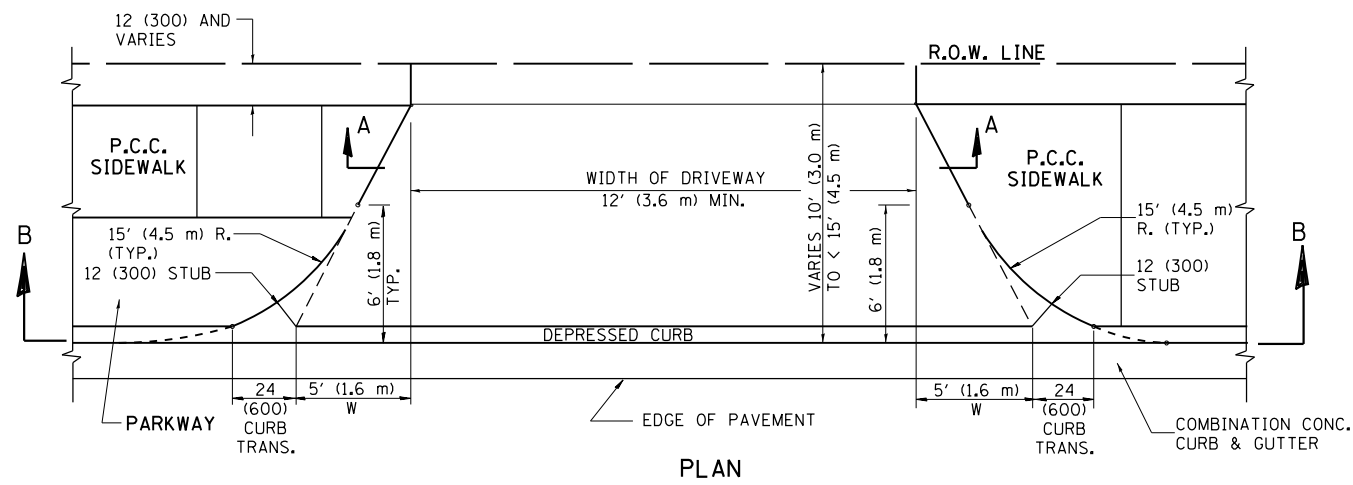


FILE NAME =	USER NAME = DEFEV	DESIGNED - R. SHAH	REVISED - P. LaFLUER 04-15-03
pw:\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\1438\BROWNS\Meta\Design\Diststd.dgn		REVISOR - R. BORO 01-01-07	REVISOR - R. BORO 06-11-08
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISOR - R. BORO 09-06-11
	PLOT DATE = 2/2/2018	DATE - 11-04-95	

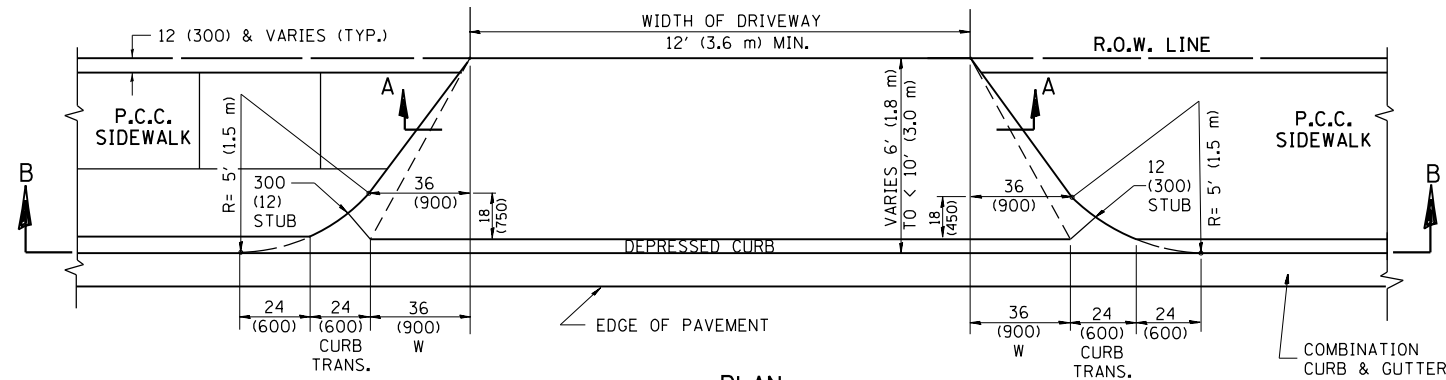
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

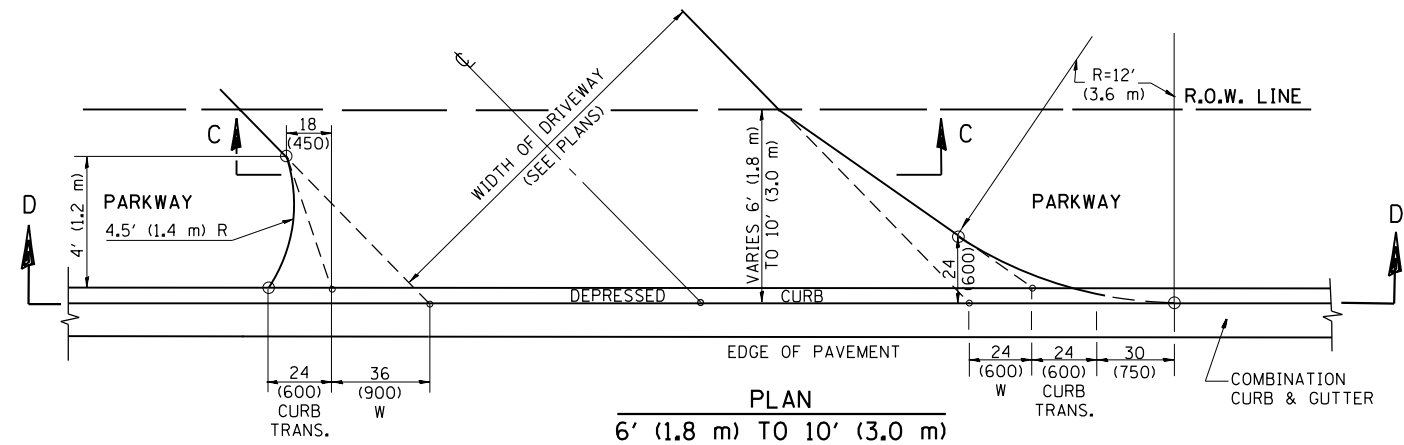
F.A.U. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	93
BD0156-07 (BD-01)		CONTRACT NO. 62D20		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



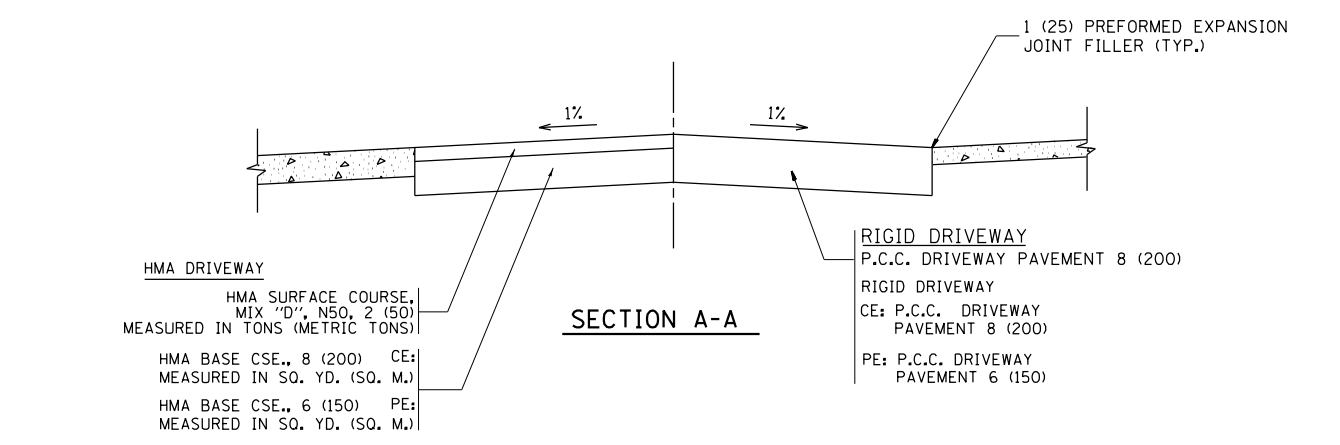
PLAN
10' (3.0 m) TO < 15' (4.5 m)



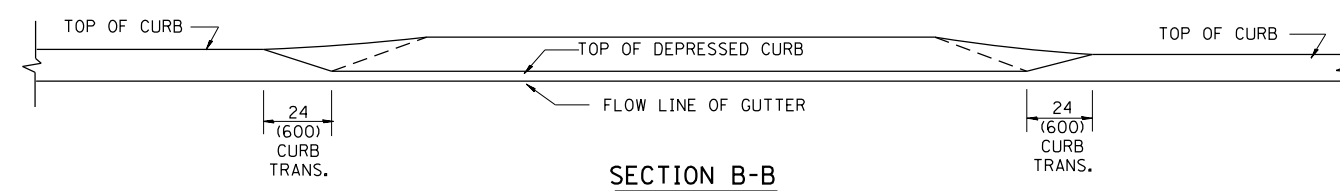
PLAN
6' (1.8 m) TO < 10' (3.0 m)



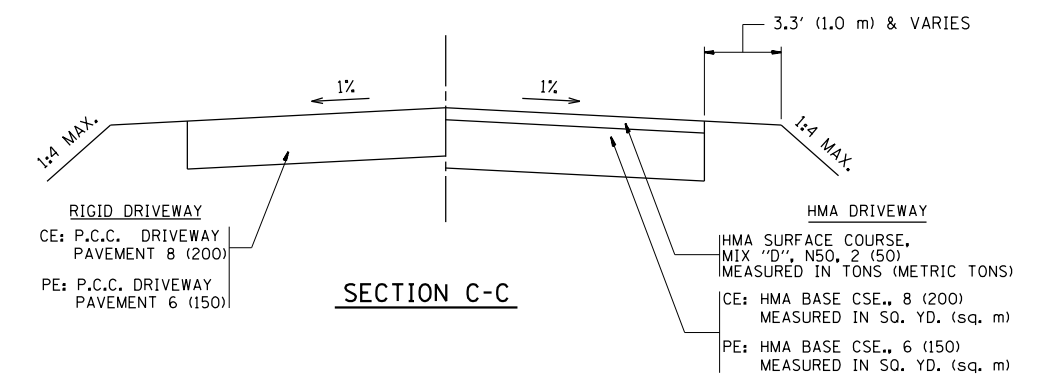
PLAN
6' (1.8 m) TO 10' (3.0 m)



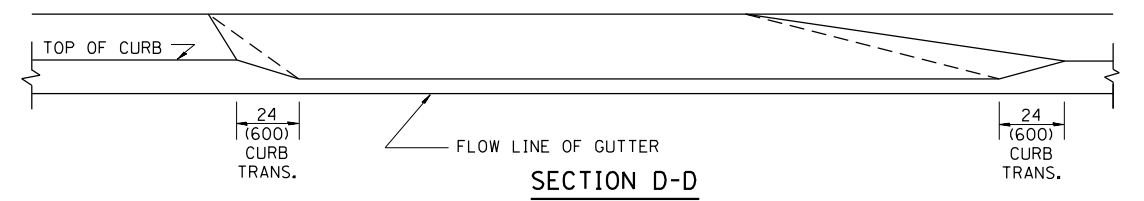
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

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

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

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

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

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

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

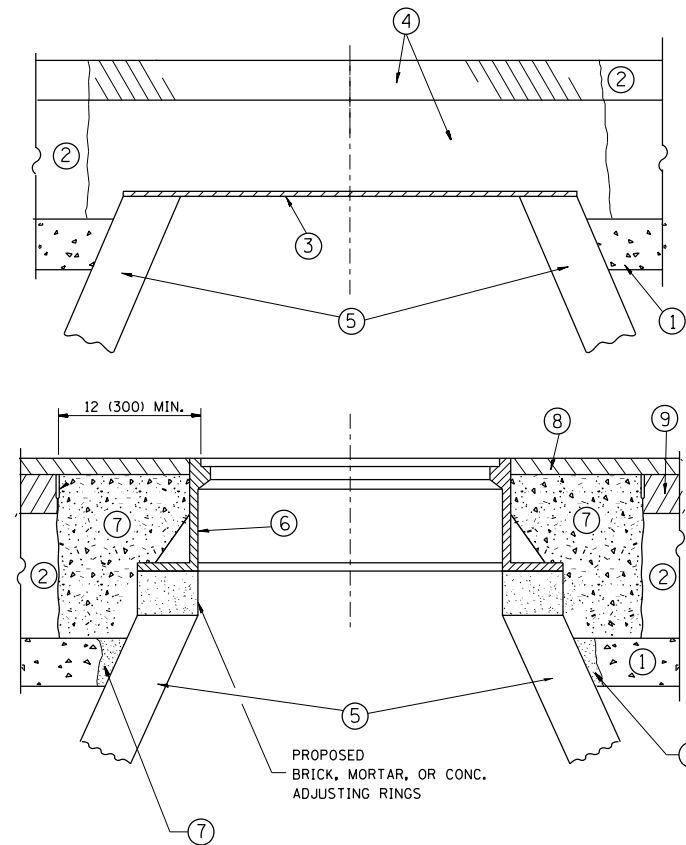
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = DEFEVX	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
p:\1\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\01438\Drawings\Design\Diststd.dgn		REVISOR - P. LaFLEUR 04-15-03	REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED - R. BORO 01-01-07
	PLOT DATE = 2/2/2018	DATE - 11-06-95	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS			
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	94
BD400-02 (BD-02)			CONTRACT NO. 62D20	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT:

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

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

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

NOTES:

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

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

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

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

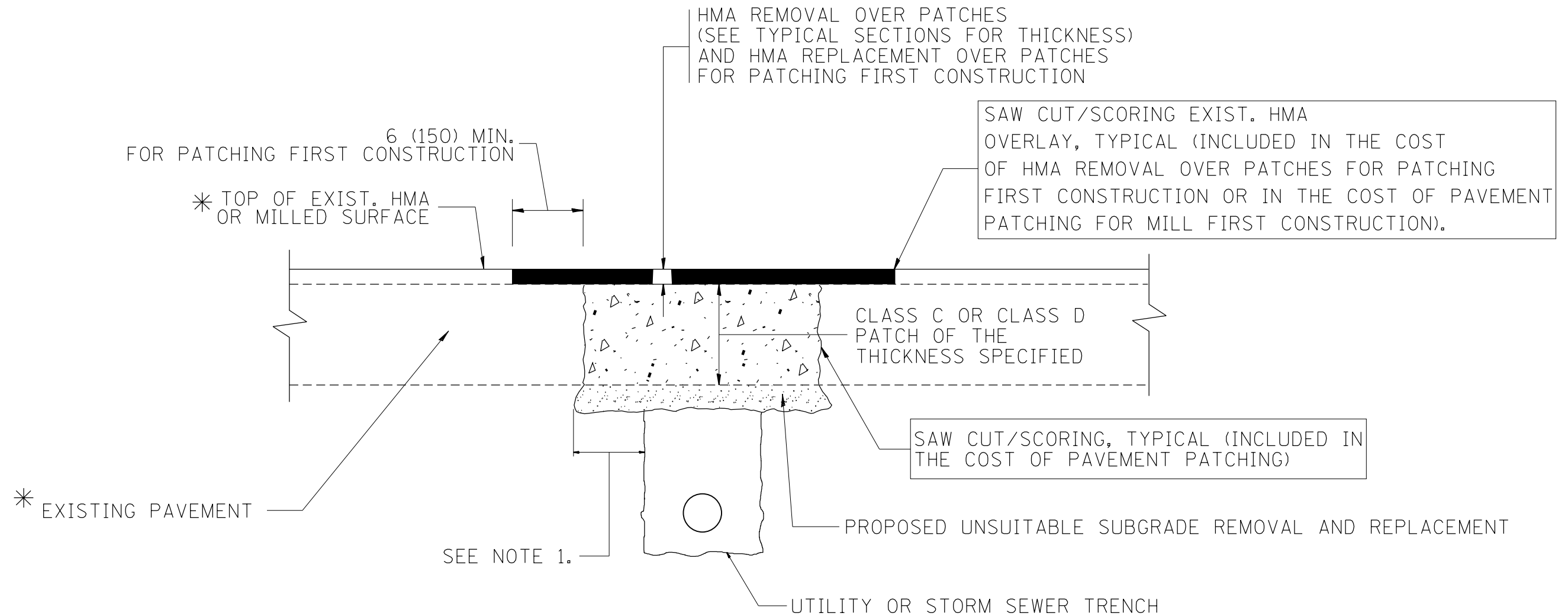
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = DEFEKV	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\1438\Drawings\Design\Diststd.dgn			REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 2/2/2018	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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	95
BD600-03 (BD-8)		CONTRACT NO.	62D20	
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.

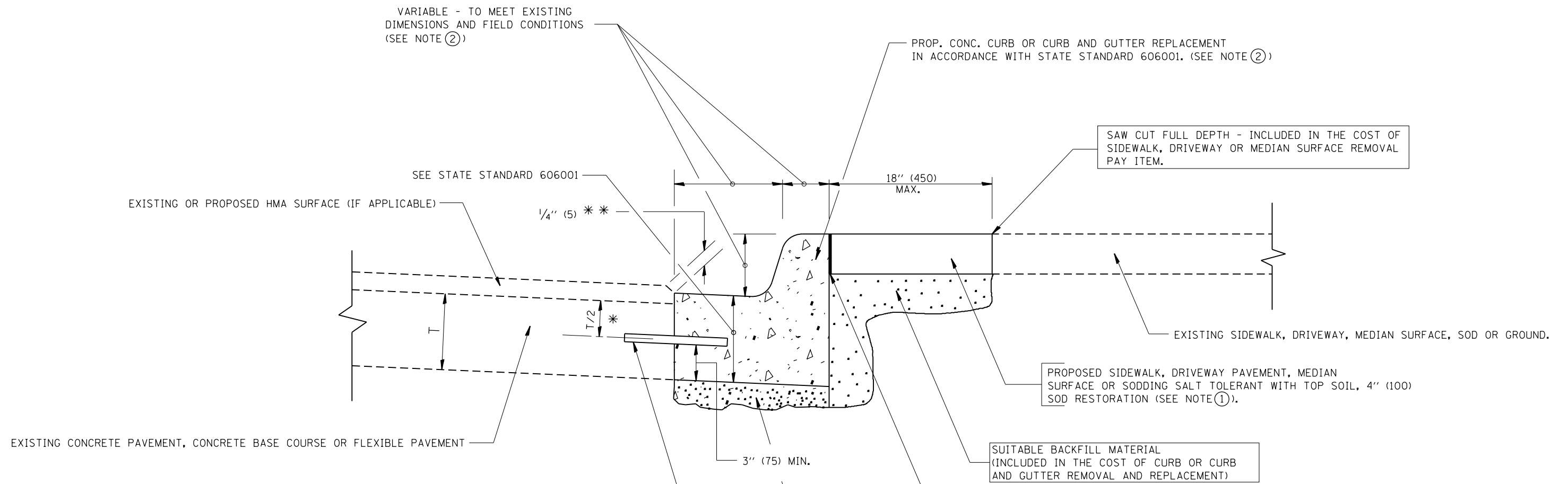
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = DEFEXV	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\1438\BROWNS\Design\Diststd.dgn		CHECKED -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / 1" =	DATE - 10-25-94	REVISED - R. BORO 09-04-07
	PLOT DATE = 2/2/2018		REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	96
BD400-04 (BD-22)			CONTRACT NO. 62D20	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

* * IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

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

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

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

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

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

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

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

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

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

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

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

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

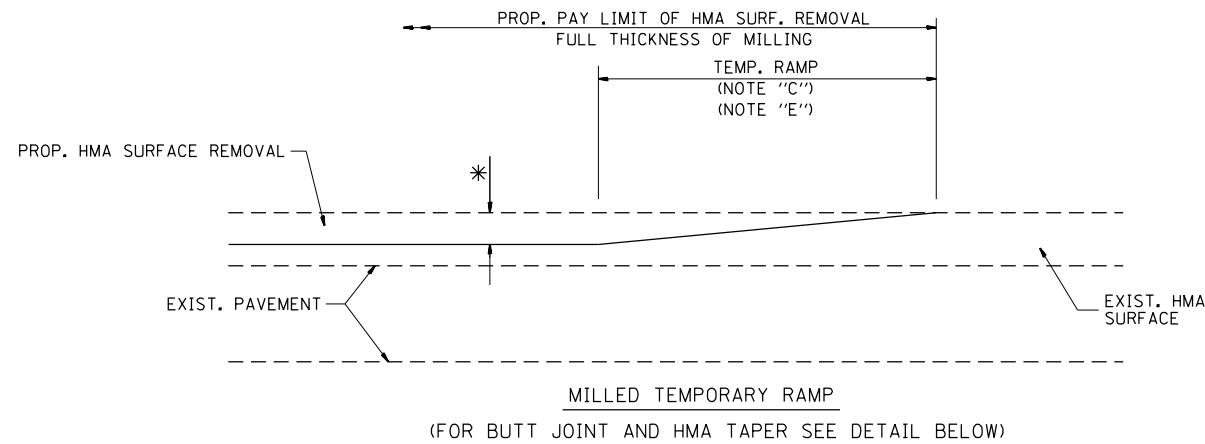
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE 3).

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

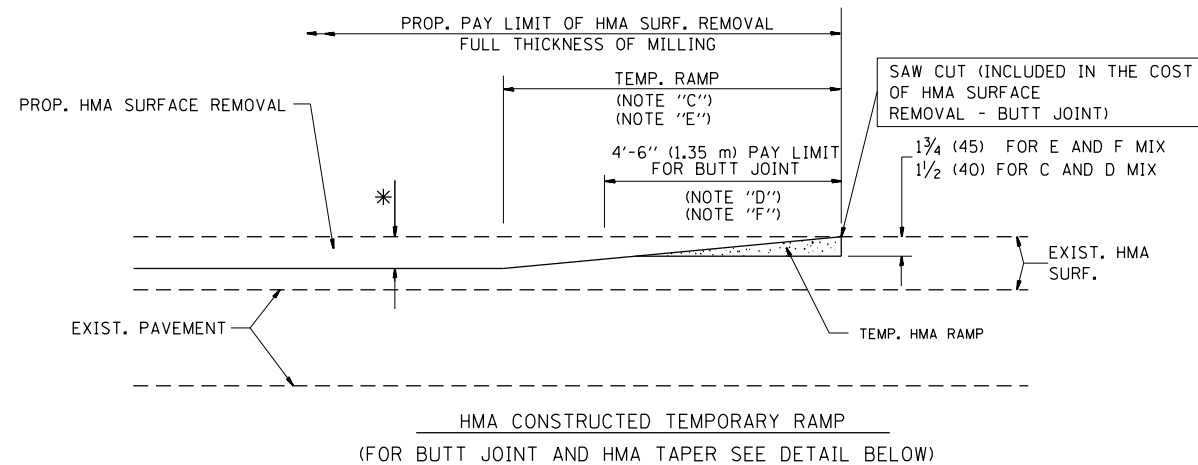
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = DEFEV	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\1438\BROWNS\Meta\Design\Diststd.dgn		REVISION	REVISED - A. ABBAS 03-21-97			1300	(1618 & 1819.1) RS	COOK	107	97
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - M. GOMEZ 01-22-01				BD600-06 (BD-24)		CONTRACT NO. 62D20		
PLOT DATE = 2/2/2018	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

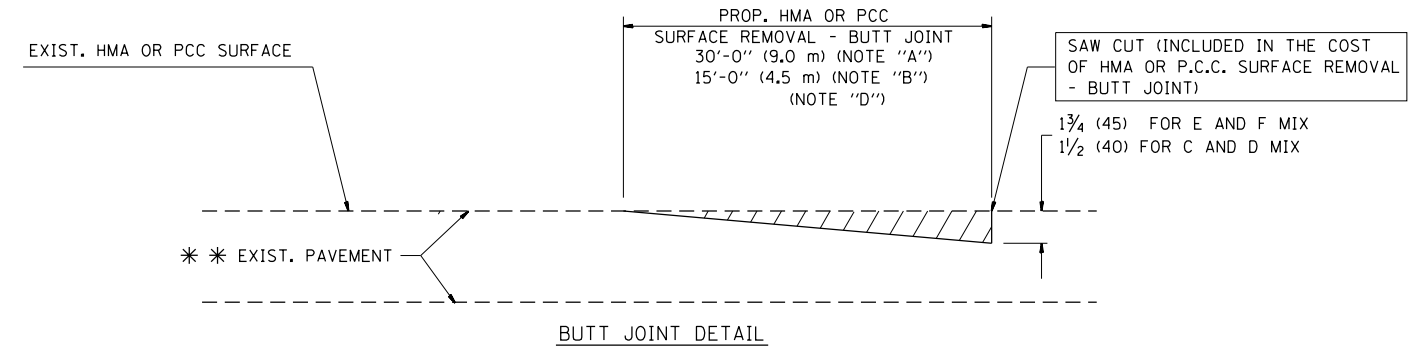


OPTION 1

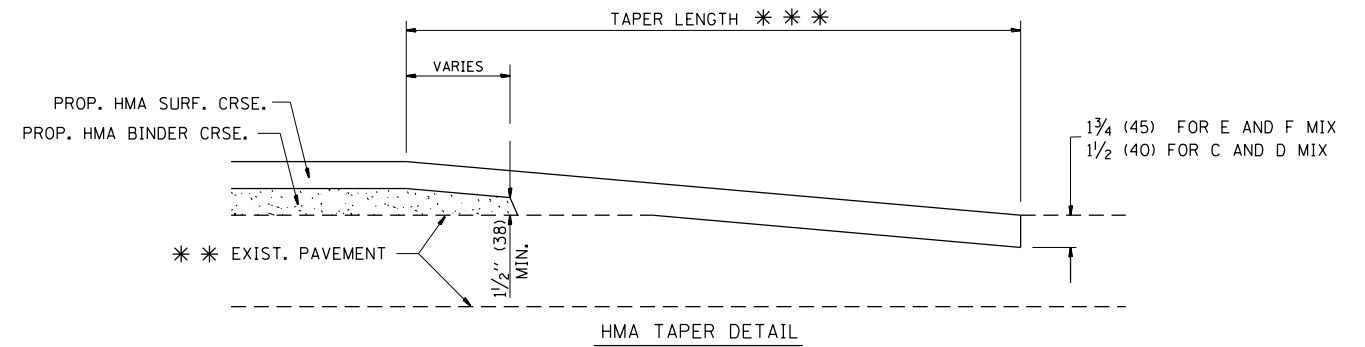


OPTION 2

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.

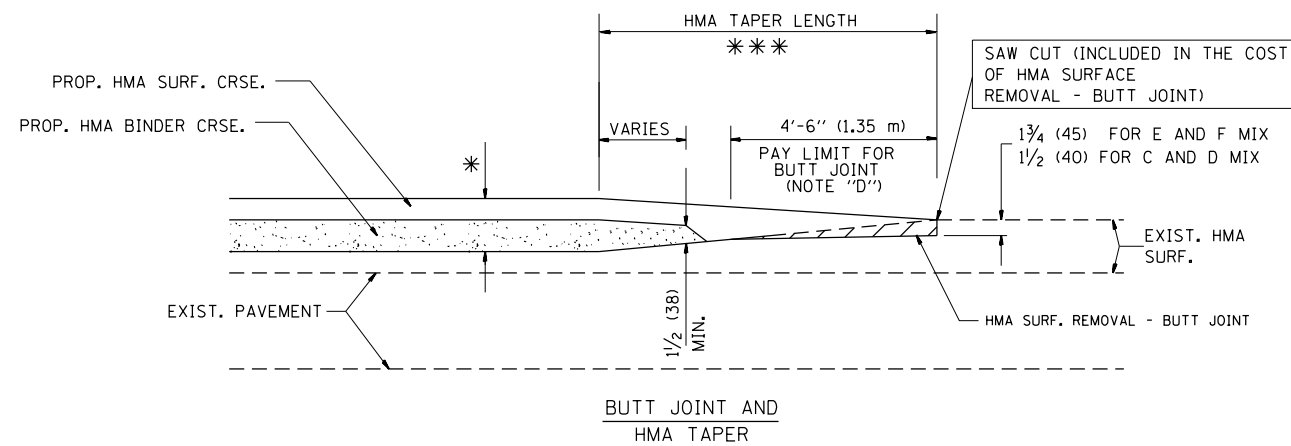
NOTES

- 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

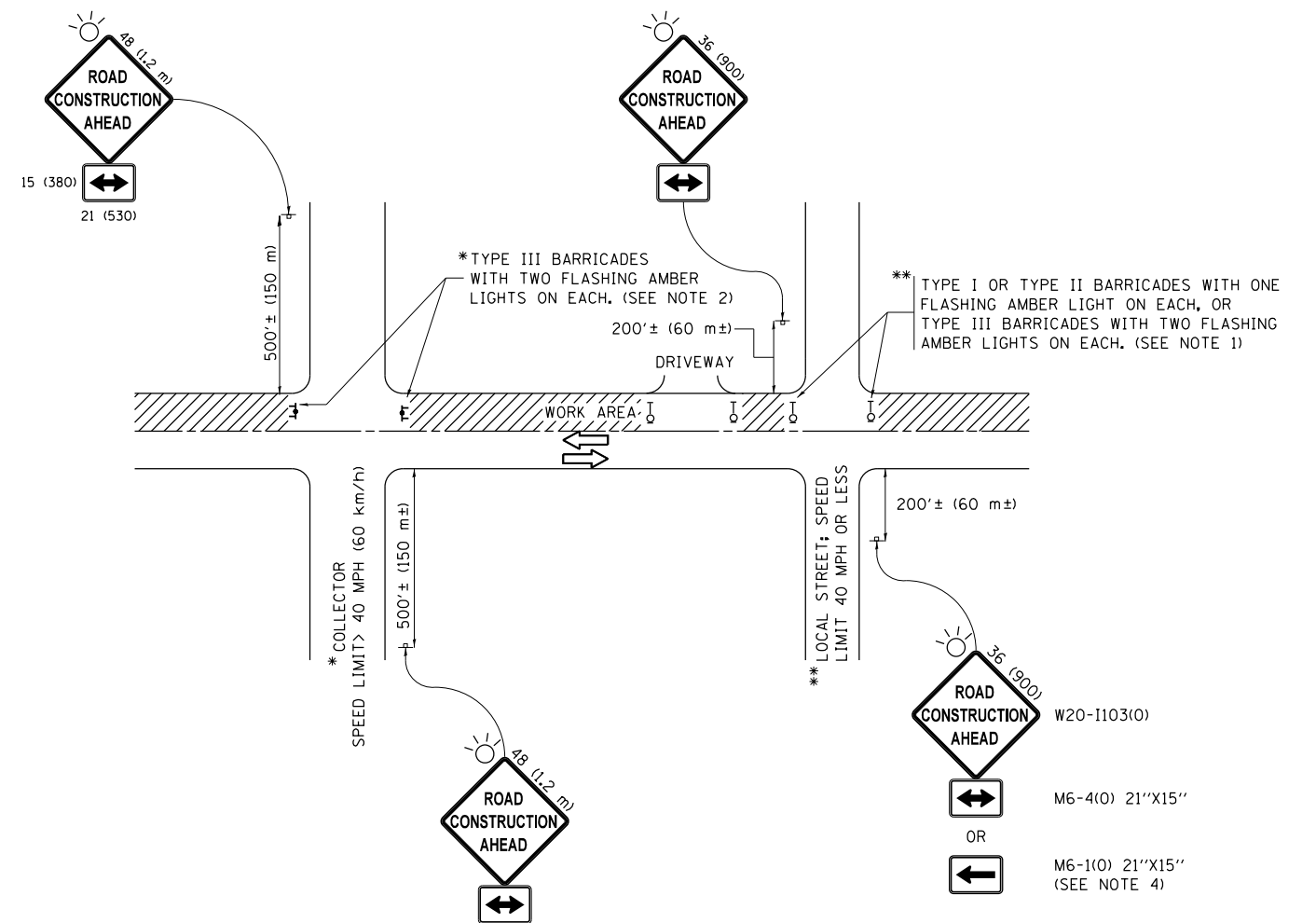
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	PLOT DATE = 2/2/2018	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	98
BD400-05 BD32		CONTRACT NO. 62D20		
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.

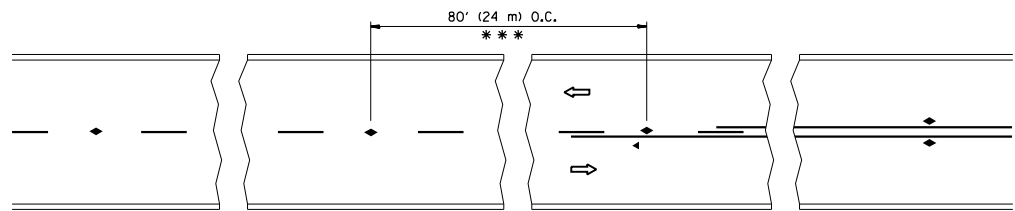
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	PLOT DATE = 2/2/2018	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

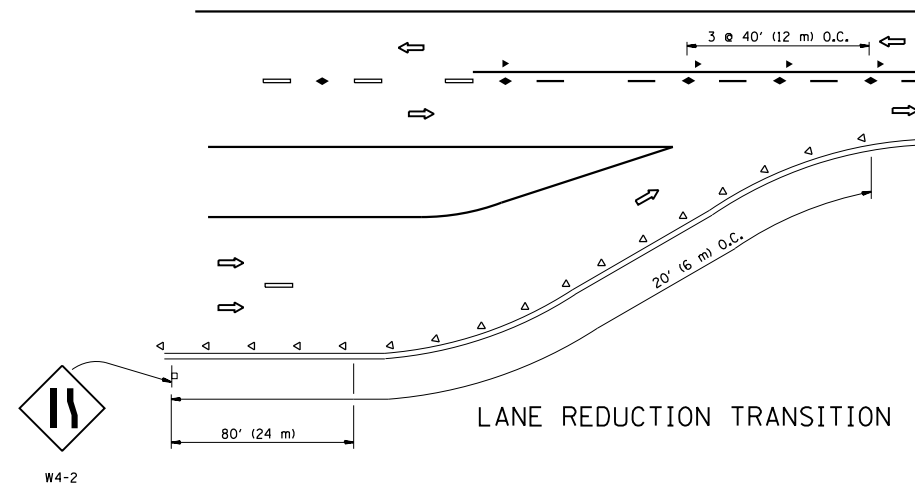
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TC-10			CONTRACT NO. 62D20	
ILLINOIS FED. AID PROJECT				

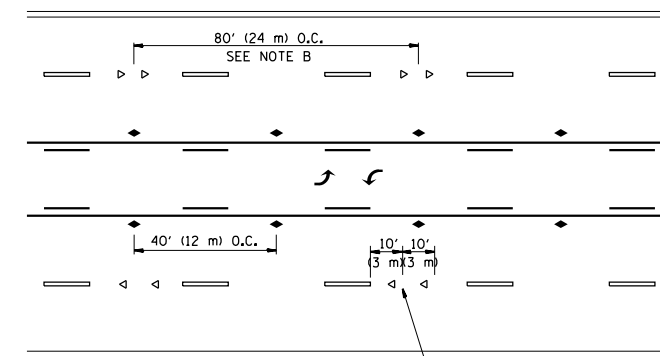


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

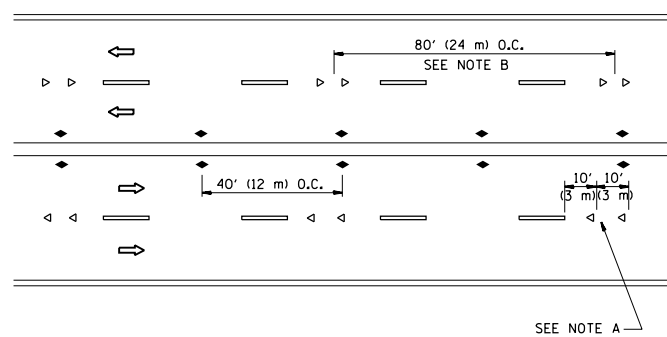
TWO-LANE/TWO-WAY



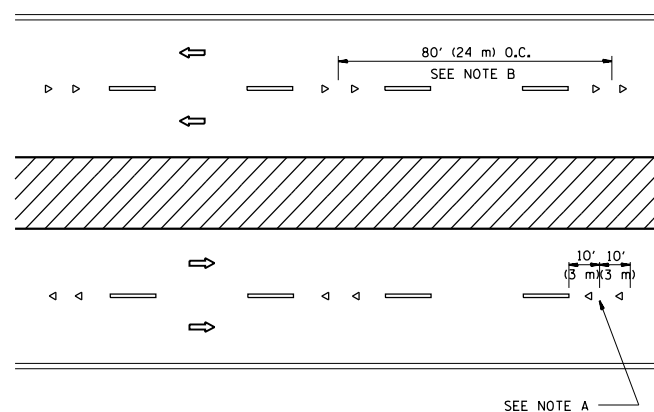
LANE REDUCTION TRANSITION



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

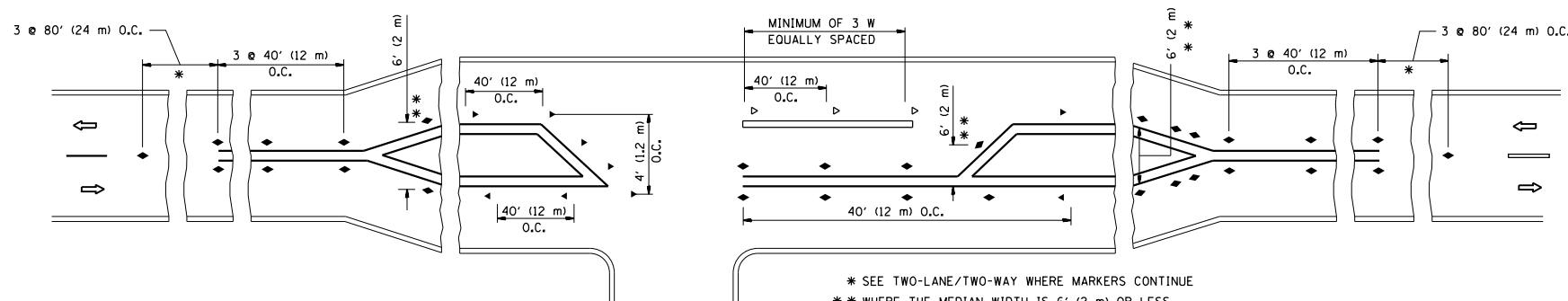
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.



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

LEFT TURN

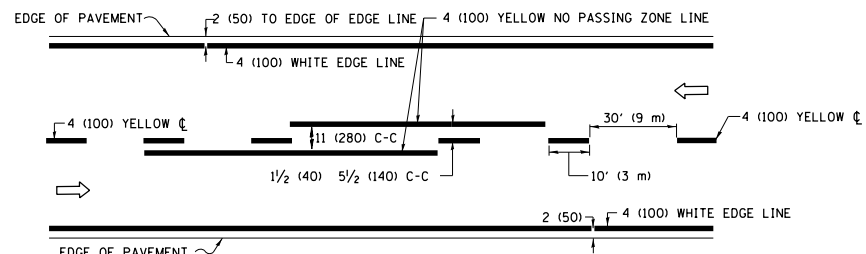
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		DATE -	REVISED - T. RAMMACHER 01-06-00
			REVISED - C. JUCIUS 09-09-09

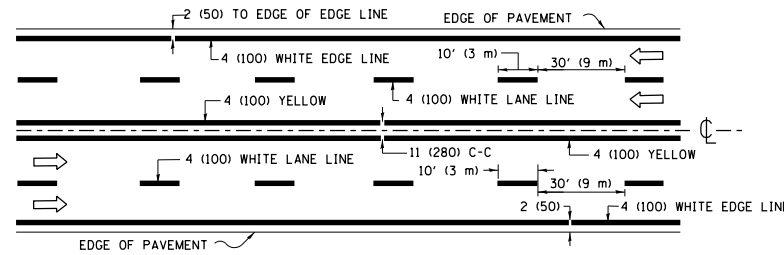
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

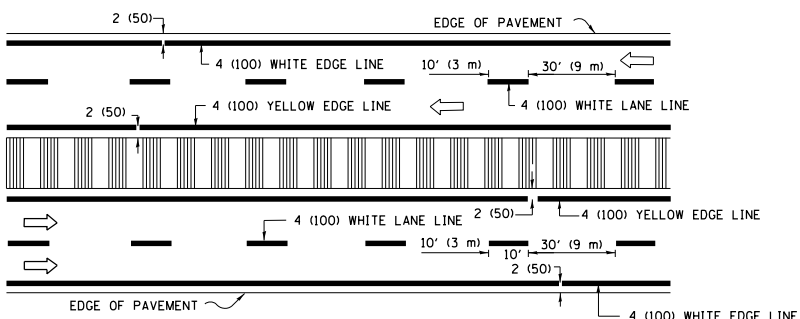
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	100
TC-11			CONTRACT NO. 62D20	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

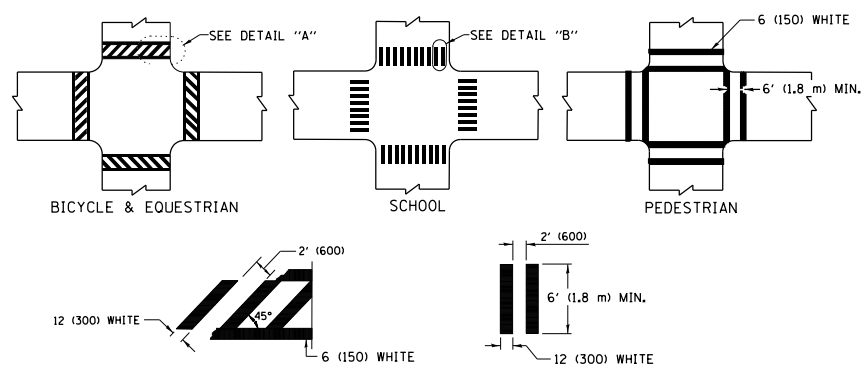


MULTI-LANE UNDIVIDED



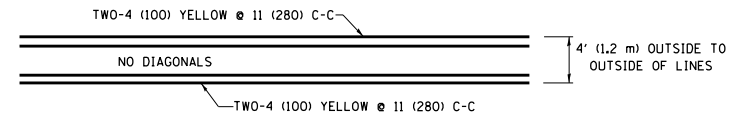
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

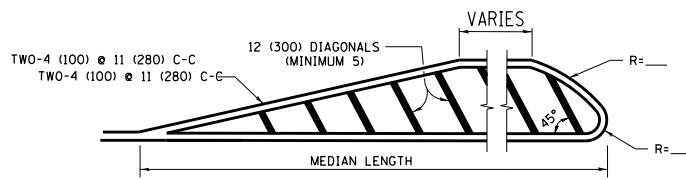


TYPICAL CROSSWALK MARKING

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

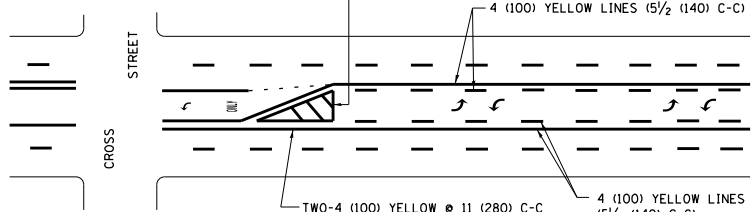


4' (1.2 m) WIDE MEDIANS ONLY

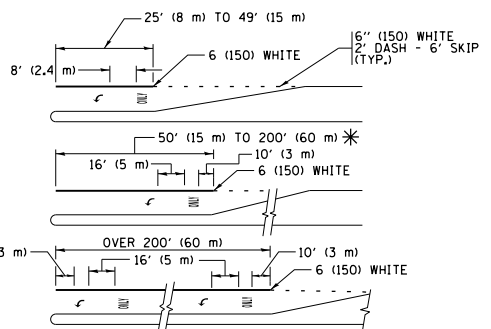


MEDIANS OVER 4' (1.2 m) WIDE

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))

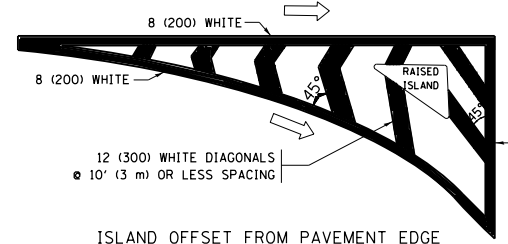


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

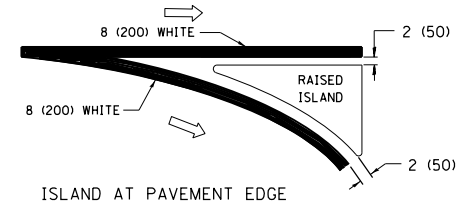


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

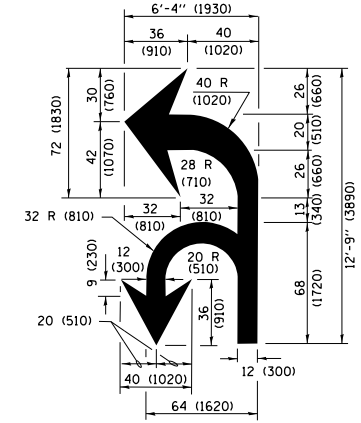
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



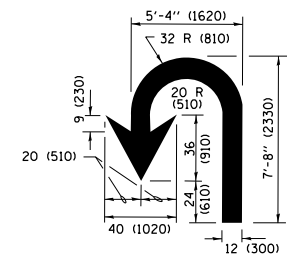
ISLAND OFFSET FROM PAVEMENT EDGE



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

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

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

FILE NAME =	USER NAME = DEFEXV	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pw\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\01433\BROWN\Meta\Design\Diststd.dgn		CHECKED -	REVISED - C. JUCIUS 07-01-13
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	PLOT DATE = 2/2/2018		REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

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

F.A.U R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	101
	TC-13	CONTRACT NO.	62D20	
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

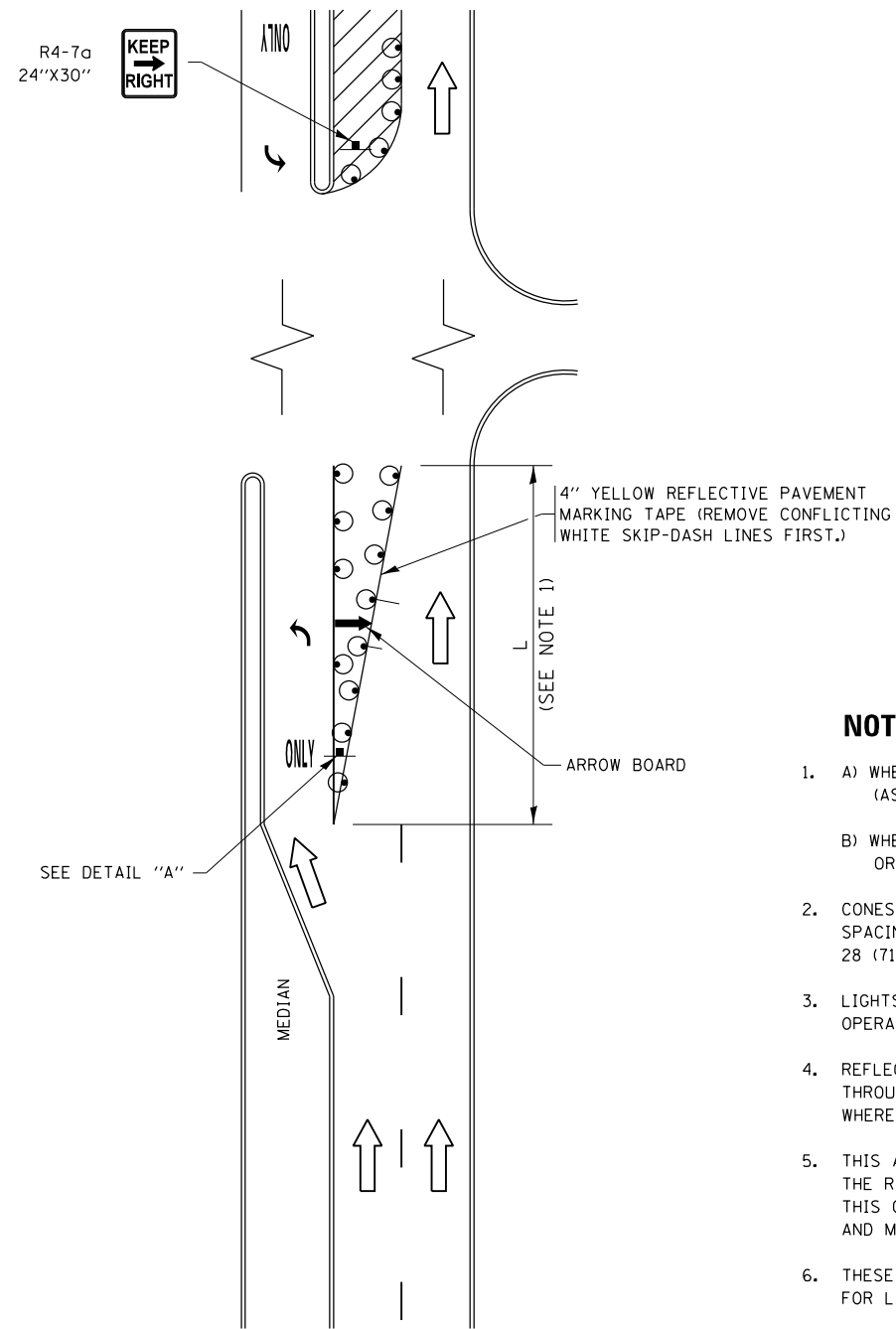


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

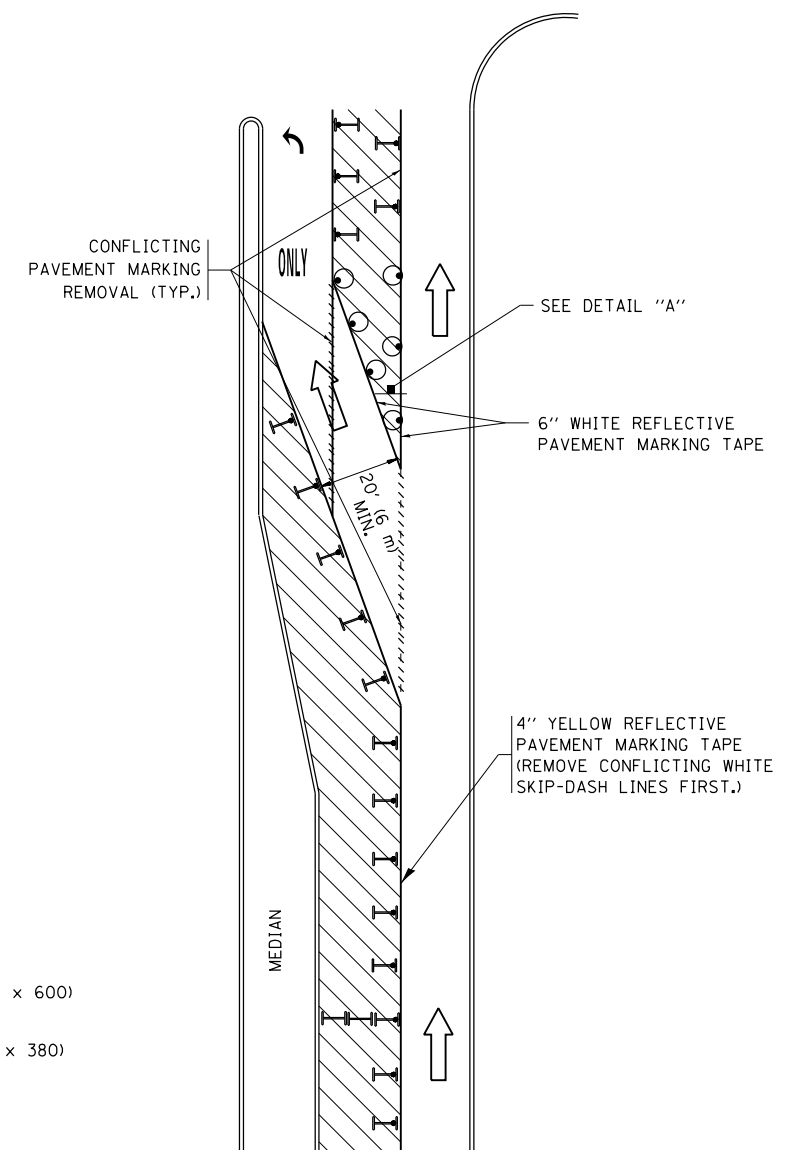
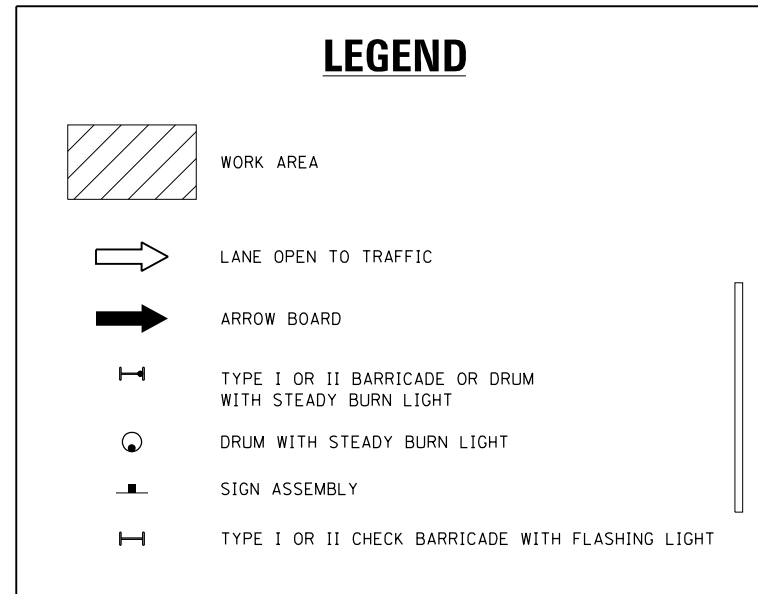
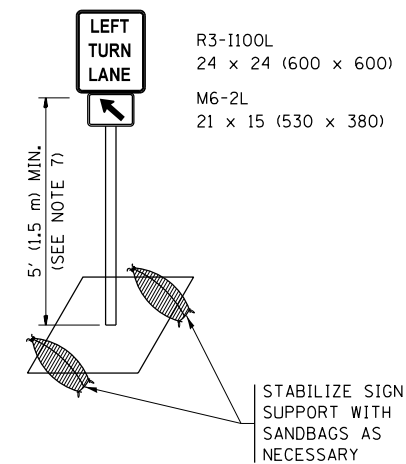


FIGURE 2



NOTES:

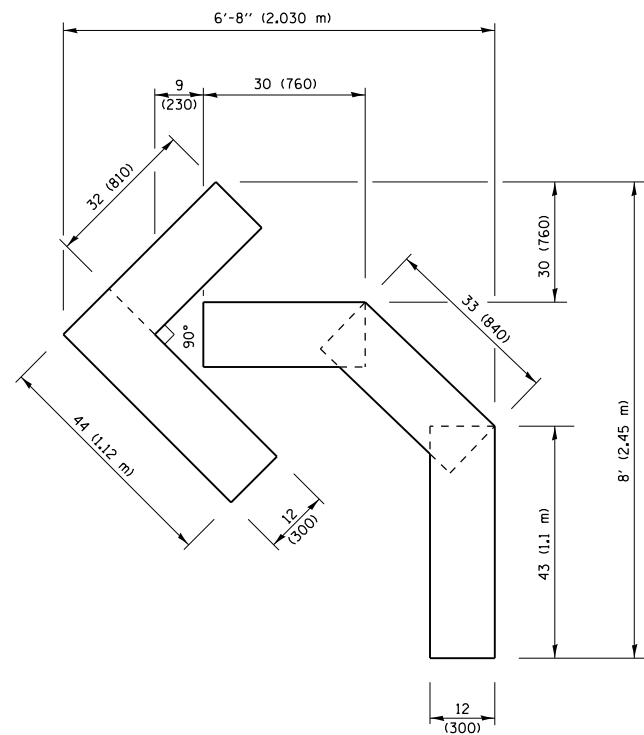
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS.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



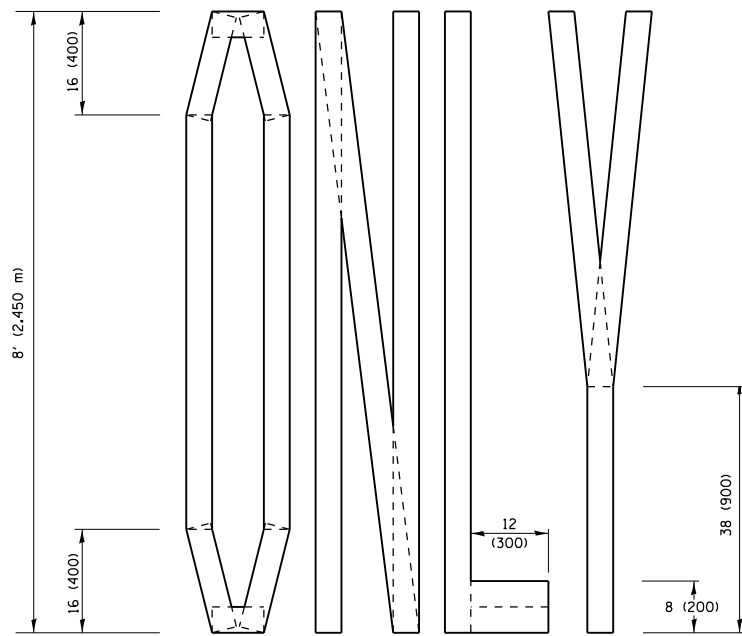
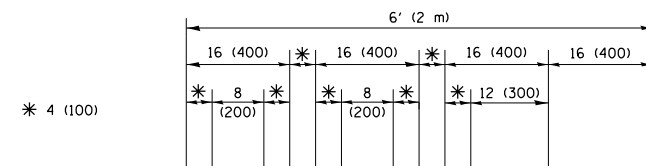
DETAIL A

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

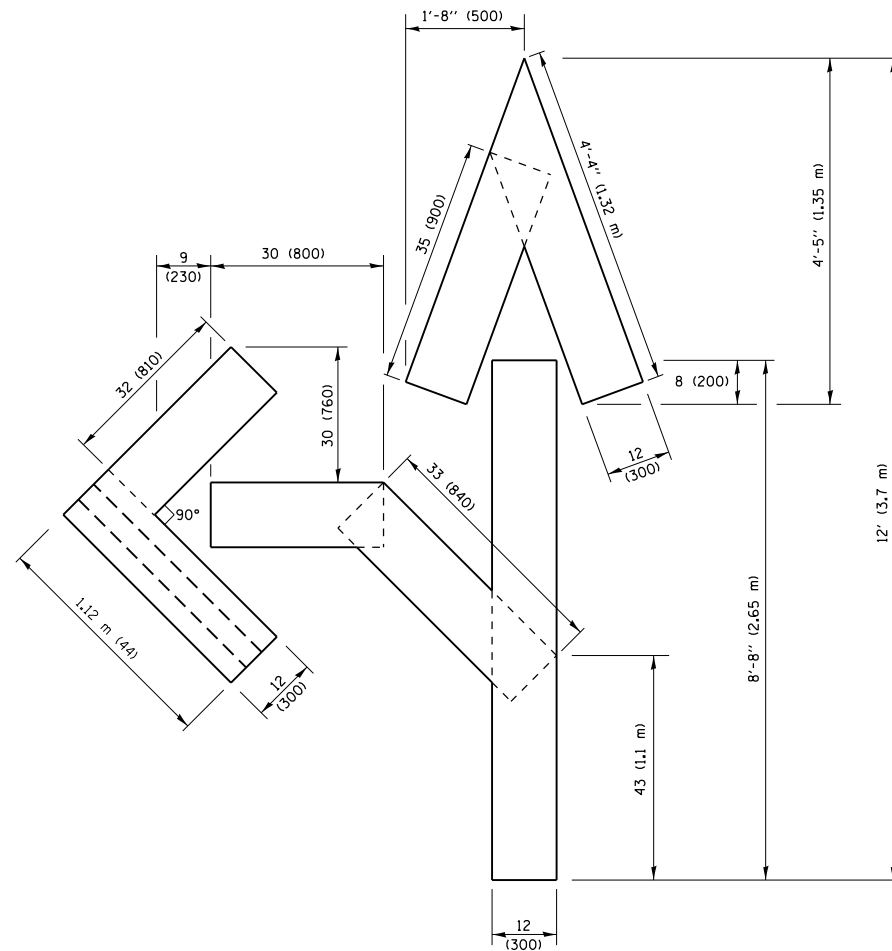
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Default	Default	REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13					1300	(1618 & 1819.1) RS	COOK	107	102
		REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16		TC-14			CONTRACT NO. 62D20				
		REVISED - T. RAMMACHER 01-06-00	REVISED -		ILLINOIS FED. AID PROJECT							



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



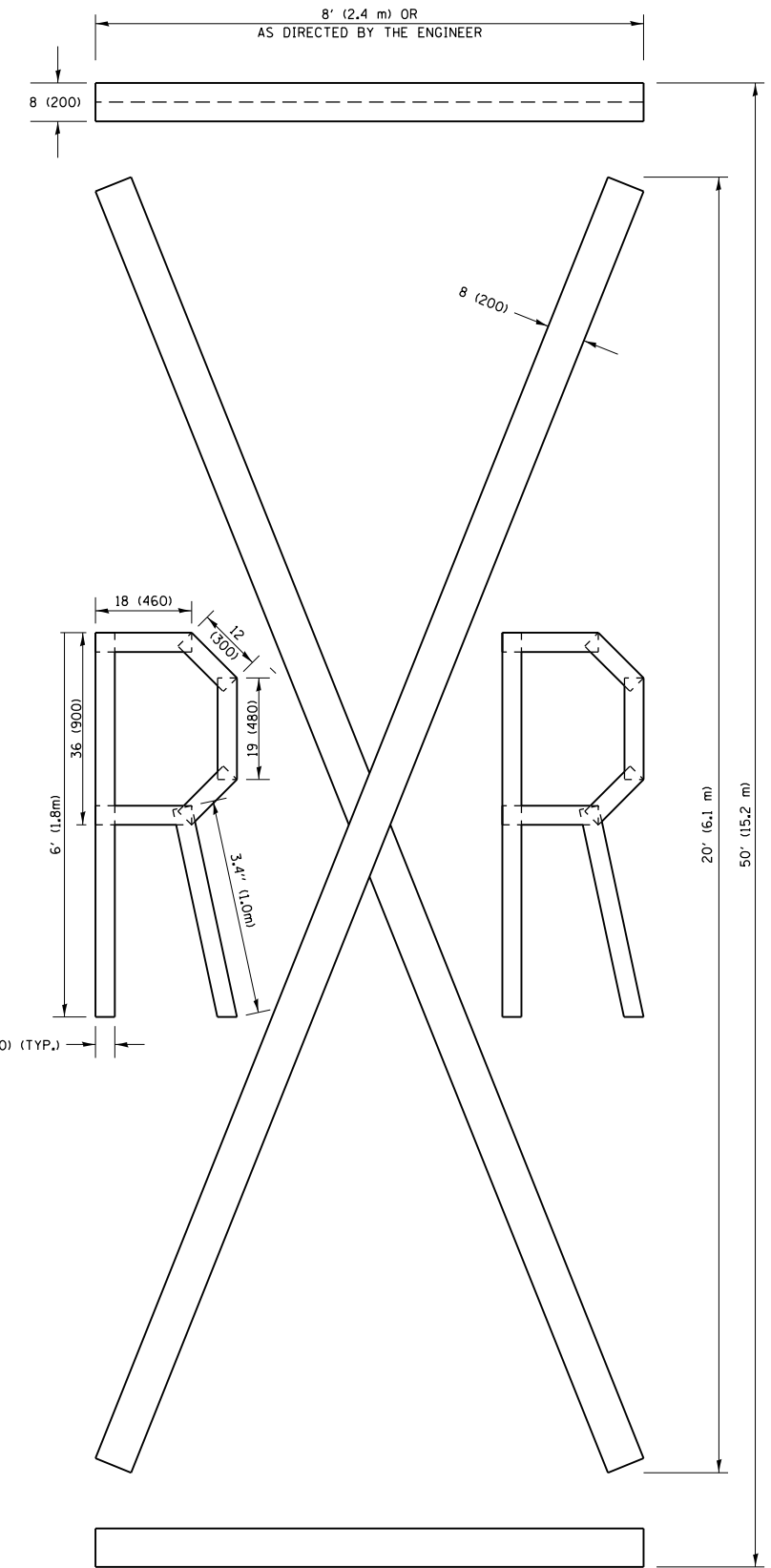
QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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

NOTE:

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



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

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

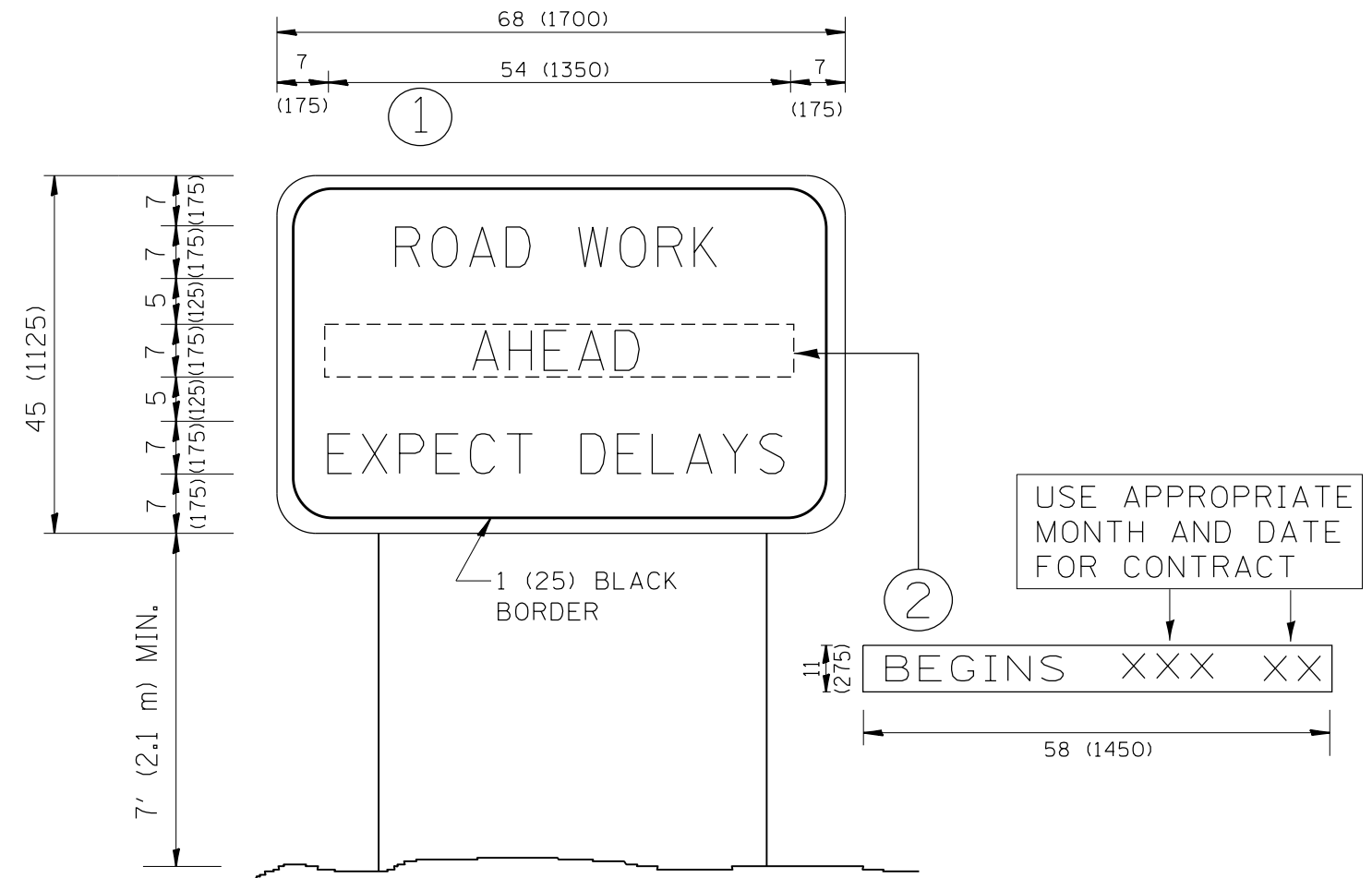
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p:\11084EBID\INTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\01438\Drawings\Design\Diststd.dgn			REVISED - E. GOMEZ 08-28-00
		CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 100.0001' / in.		DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819,1) RS	COOK	107	103
TC-16			CONTRACT NO. 62D20	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

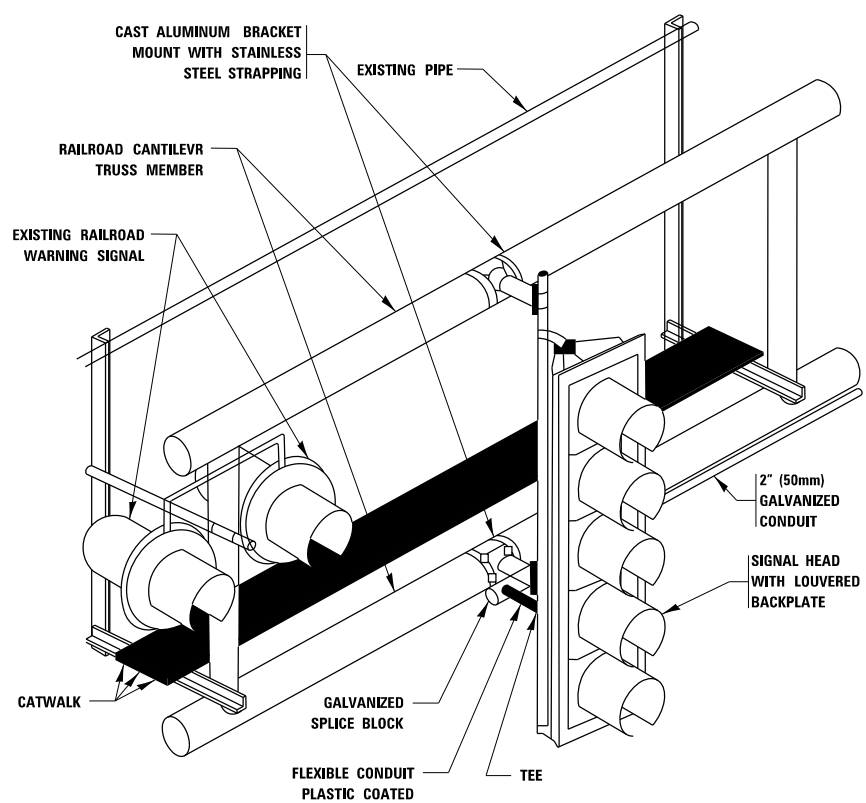


NOTES:

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

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

FILE NAME =	USER NAME = DEFEVY	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\1438\BROWN\Meta\Design\Diststd.dgn		CHECKED -	REVISED - R. MIRS 12-11-97			1300	(1618 & 1819.1) RS	COOK	107	104
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED - T. RAMMACHER 02-02-99			TC-22		CONTRACT NO. 62D20		
PLOT DATE = 2/2/2018		DATE -	REVISED - C. JUCIUS 01-31-07			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	



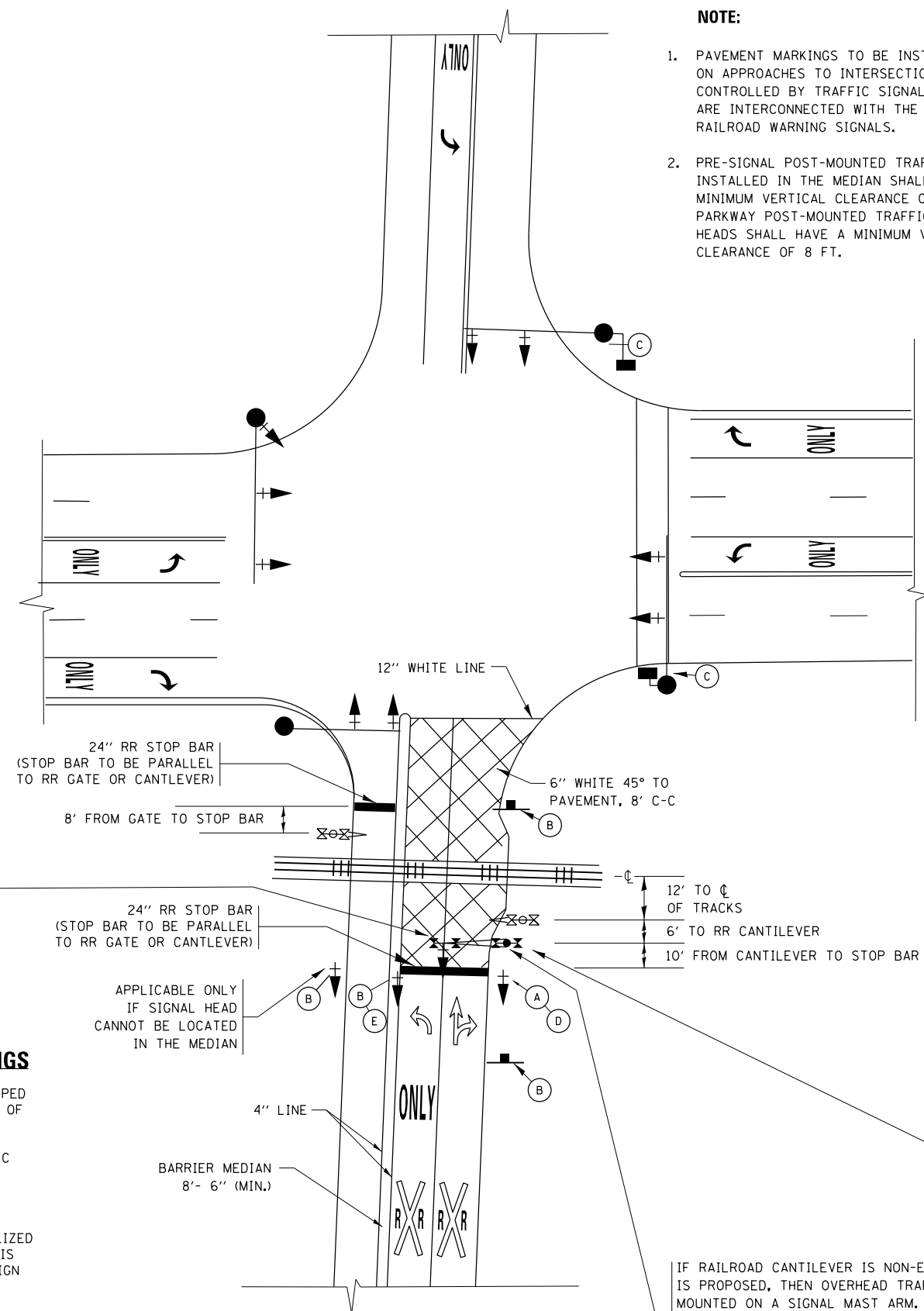
RAILROAD CANTILEVER SIGNAL HEAD MOUNTING
 USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION
 N.T.S.

SIGNING AND PAVEMENT MARKING AT RAILROAD CROSSINGS

SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL STANDARD (TC-23) HAS BEEN DEVELOPED IN CONSULTATION WITH THE ILLINOIS COMMERCE COMMISSION AND THE U.S. DEPARTMENT OF TRANSPORTATION'S GRADE CROSSING SAFETY TASK FORCE. THIS STANDARD PROVIDES INFORMATION ON UPDATES TO THE PAVEMENT MARKING AND SIGNING DETAILS IN ORDER TO INCORPORATE CHANGES ADOPTED IN THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD). THESE NEW DETAILS HAVE BEEN STUDIED AND TESTED BY THE DEPARTMENT AND ACCEPTED BY THE ILLINOIS COMMERCE COMMISSION.

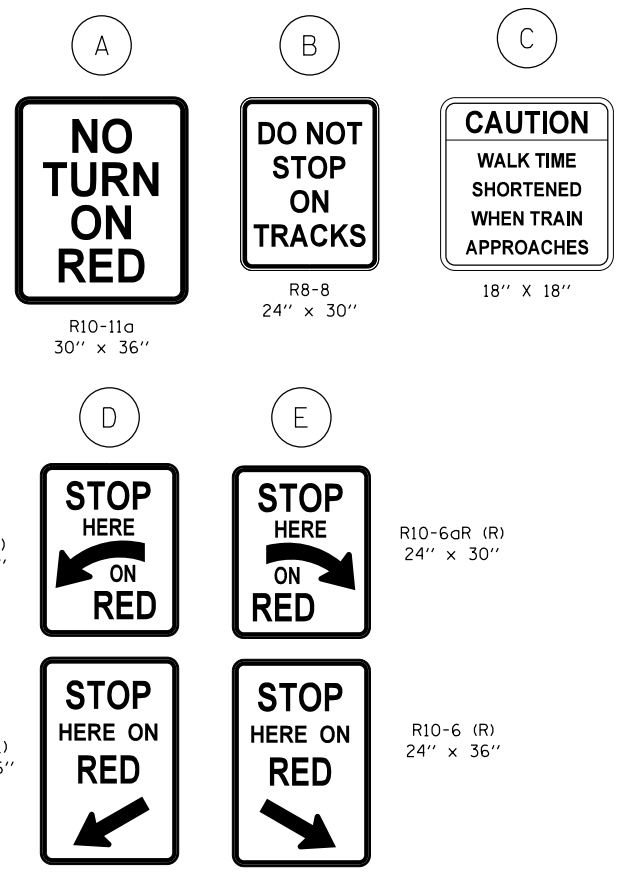
THIS APPLIES TO PROJECTS WHICH INCLUDE RAILROAD INTERCONNECTED TRAFFIC SIGNALS, WITH OR WITHOUT PRE-SIGNALS. THIS STANDARD ALSO APPLIES TO NON-SIGNALIZED INTERSECTIONS THAT ARE WITHIN 81 FEET OF A RAILROAD GRADE CROSSING. THE ILLINOIS SUPPLEMENT TO THE MUTCD SHOULD BE CONSULTED FOR ADDITIONAL INFORMATION ON SIGN REQUIREMENTS AT NON-SIGNALIZED INTERSECTIONS NEAR RAILROAD GRADE CROSSINGS.

THESE DETAILS WILL BE INCLUDED IN A FUTURE UPDATE TO THE BUREAU OF OPERATIONS TRAFFIC POLICIES AND PROCEDURES MANUAL.



SIGNALIZED INTERSECTION WITH NEAR-SIDE TRAFFIC SIGNAL

- NOTE:**
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - PRE-SIGNAL POST-MOUNTED TRAFFIC SIGNAL HEADS INSTALLED IN THE MEDIAN SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 4.5 FT. PARKWAY POST-MOUNTED TRAFFIC SIGNAL HEADS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8 FT.



R10-11a
30" x 36"

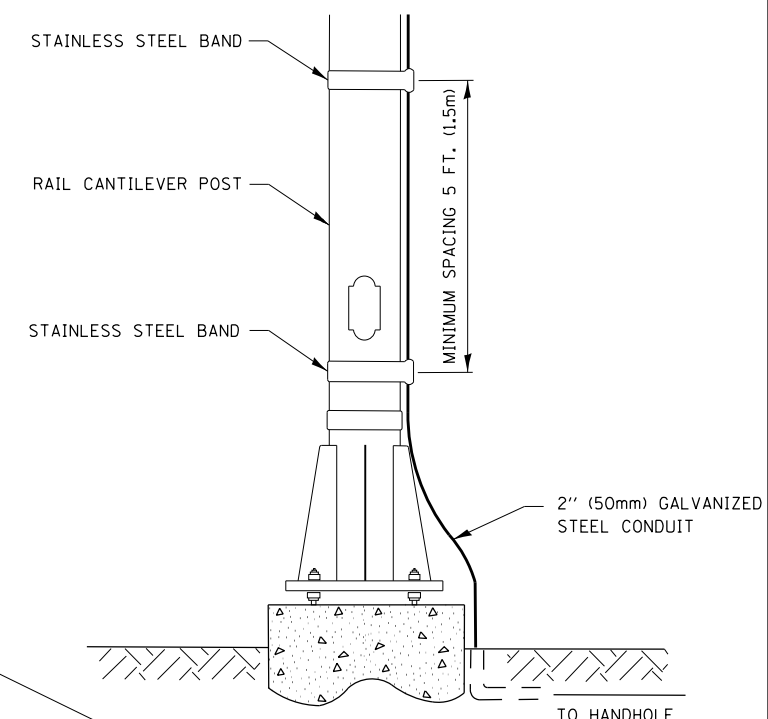
R8-8
24" x 30"

R10-6a (L)
24" x 30"

R10-6aR (R)
24" x 30"

R10-6 (L)
24" x 36"

R10-6 (R)
24" x 36"



SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL

USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION.

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

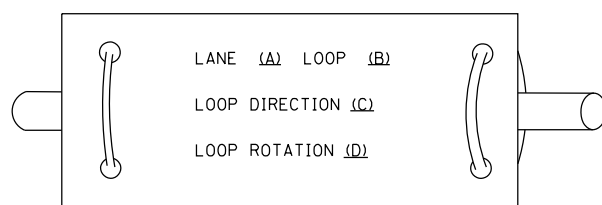
IF RAILROAD CANTILEVER IS NON-EXISTANT AND NONE IS PROPOSED, THEN OVERHEAD TRAFFIC SIGNAL TO BE MOUNTED ON A SIGNAL MAST ARM. SIGNAL MAST ARM AND SIGNAL HEADS SHALL BE INSTALLED AS CLOSE AS PRACTICABLE TO THE RAILROAD TRACKS WITHOUT OBSTRUCTING ANY RAILROAD WARNING DEVICES. SIGNAL MAST ARM SHALL BE AT LEAST 12 FT. FROM NEAREST RAIL.

FILE NAME =	USER NAME = DEFEXV	DESIGNED -	REVISED - 02-25-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS				F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI438\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - 04-26-12		1300	(1618 & 1819.1) RS	COOK	107	105				
Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED - A.R. 07-11-16		TC-23				CONTRACT NO.	62D20			
	PLOT DATE = 2/2/2018		REVISED -		SCALE: NONE	SHEET 1	OF 2 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

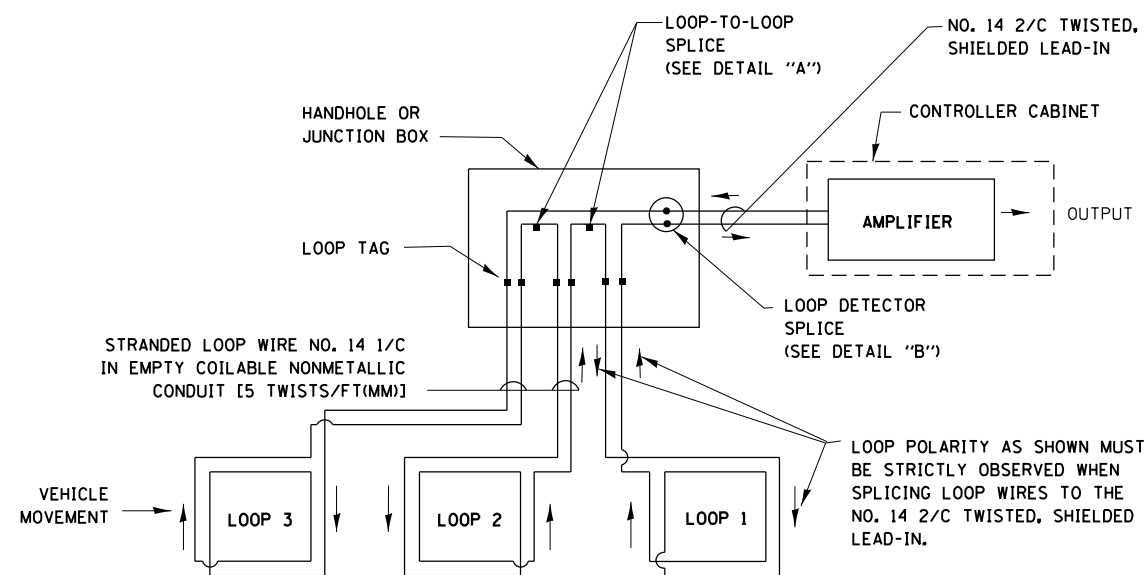
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

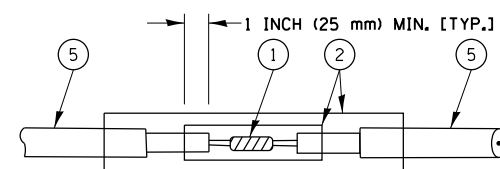


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

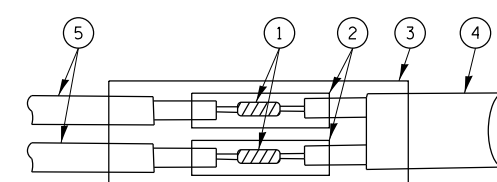


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

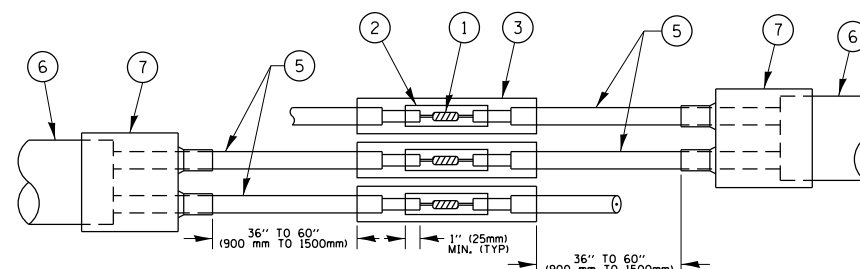


DETAIL "A"
LOOP-TO-LOOP SPLICE

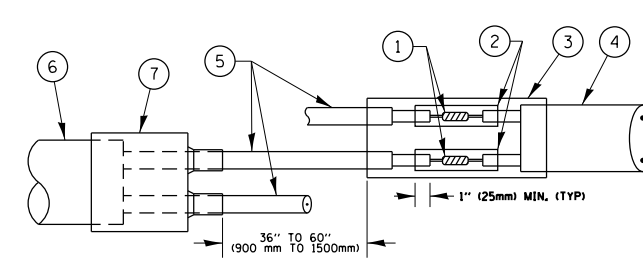


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PRE-FORMED LOOP

LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH, THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PRE-FORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = DEFEXV	DESIGNED -	REVISED -
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Default	PLOT DATE = 2/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

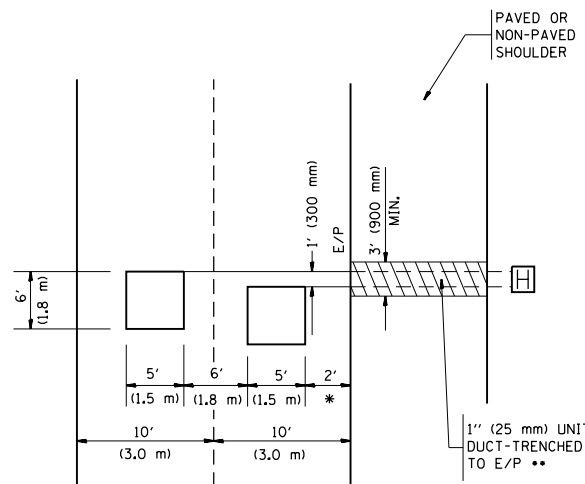
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	(1618 & 1819.1) RS	COOK	107	106
TS-05			CONTRACT NO. 62D20	
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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



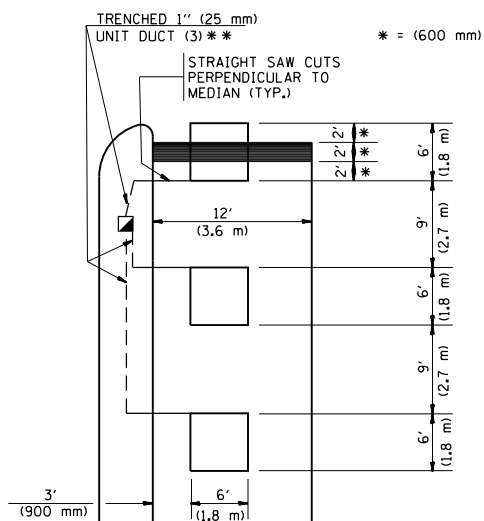
* = (600 mm)

** 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.



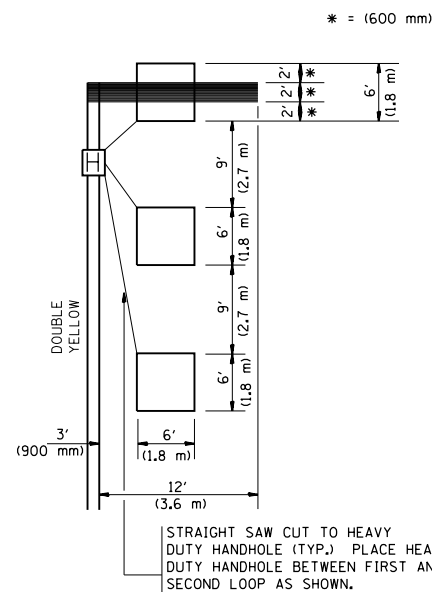
* = (600 mm)

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

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

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

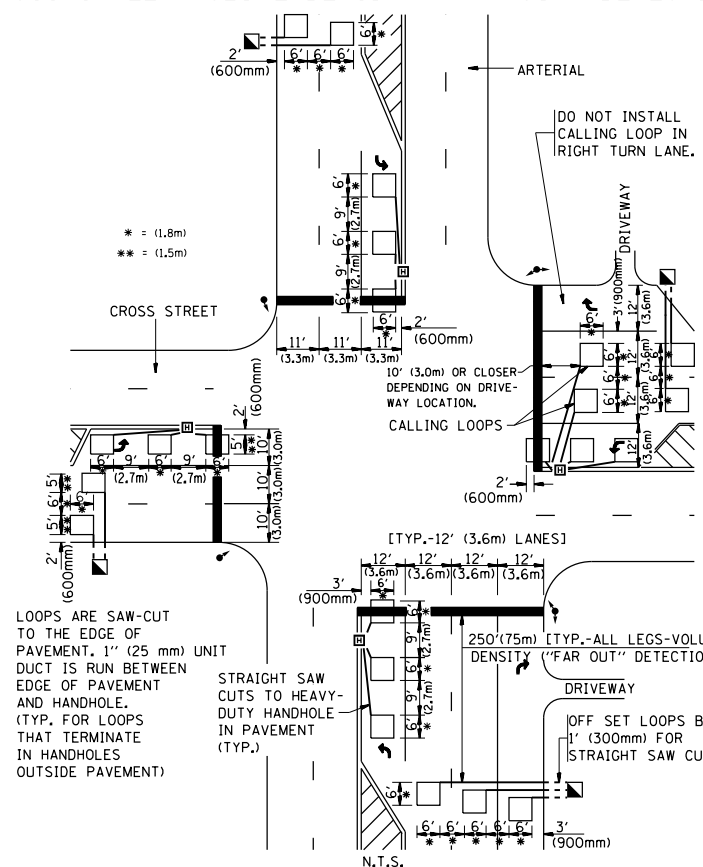
(PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

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

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

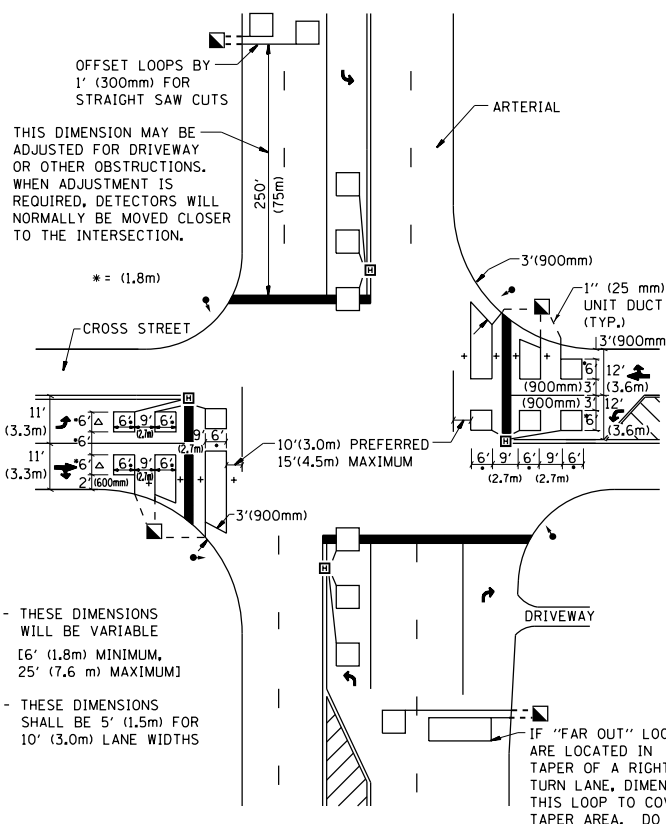


LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

DETAIL 1
N.T.S.

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



+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

△ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

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

NOTE:

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

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

FILE NAME =	USER NAME = DEFEXV	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING			F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / 1".		CHECKED - R.K.F.	REVISED -		TS-07			CONTRACT NO. 62D20				
PLOT DATE = 2/2/2018		DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				