

FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR LIST OF HIGHWAY STANDARDS SEE SHEET NO. 2

04/23/2021 LETTING ITEM 004

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

FAU 2958 (PARK BOULEVARD)
 FROM FAU 1321 (IRVING PARK ROAD - IL 19) TO
 FROM FAU 1322 (SCHAUMBURG ROAD) RESURFACING

SECTION: 15-00063-00-RS
 PROJECT NO.: UN5W(157)
 VILLAGE OF STREAMWOOD
 COOK COUNTY
 C-91-425-19

F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-RS	COOK	30	1
FED. ROAD DIST. NO 1		ILLINOIS	CONTRACT NO. 61G09	

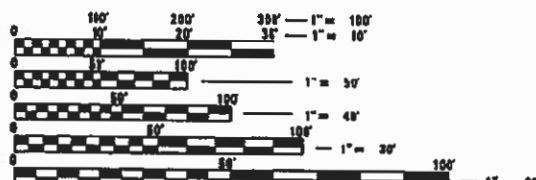
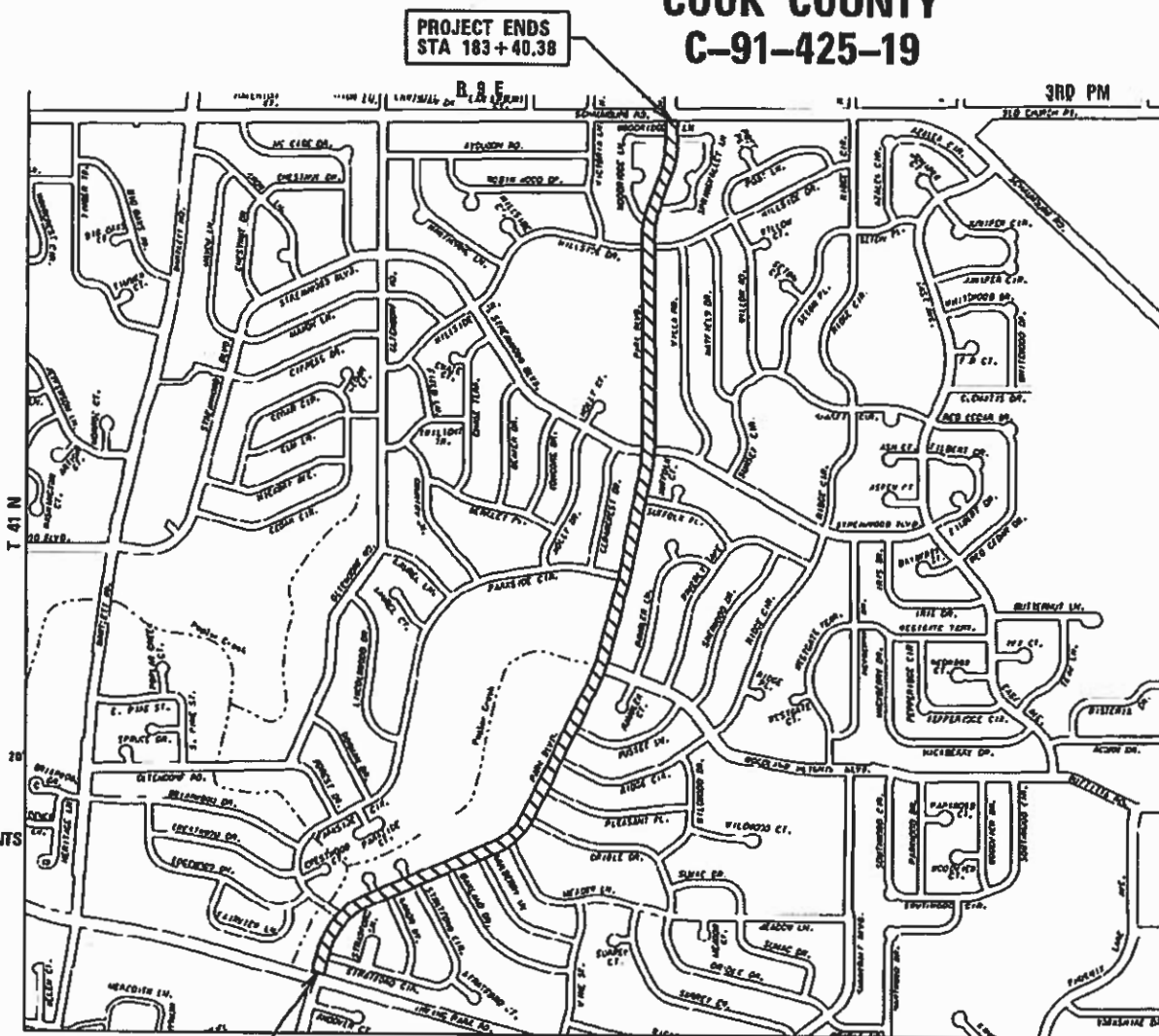
HIGHWAY CLASSIFICATION
 PARK BOULEVARD - MAJOR COLLECTOR

TRAFFIC DATA
 PARK BOULEVARD
 2016 ADT = 4,650

POSTED SPEED LIMIT
 PARK BOULEVARD = 25 MPH

DESIGN SPEED LIMIT
 PARK BOULEVARD = 25 MPH

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL



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

DESIGN ENGINEER: J. HORWITZ
 PROJECT MANAGER: J. MELHUISH

CONTRACT NO. 61G09

PROJECT BEGINS
 STA 101+33.08

HANOVER TOWNSHIP
 PROJECT LENGTH
 NET AND GROSS LENGTH OF PROJECT = 8,290 FT. = 1.57 MILES

PROJECT LOCATION MAP
 N.T.S.



Professional Engineer Seal for Jack R. Melhuish, P.E., State of Illinois, License No. 062-016206. Includes a signature and expiration date of 11-30-21.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED 2/25 20 21
max man
 VILLAGE OF STREAMWOOD

RELEASING FOR B13
 BASED ON LIMITED
 REVIEW 3/23 20 21
CR
 DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS
MARCH 23 20 21
Jose Rios LOB
 REGIONAL ENGINEER

IRGreen

420 NORTH FRONT STREET, SUITE 100 | McHENRY, ILLINOIS 3005C
 Phone: 815.385.1776 | Toll Free: 800.328.7805 | Fax: 815.385.1781 | IRGreen.com
 ILLINOIS PROFESSIONAL DESIGN FIRAI #181-001322

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INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, DISTRICT ONE DETAILS AND GENERAL NOTES
3 - 6	SUMMARY OF QUANTITIES
7	TYPICAL SECTIONS
8 - 11	REMOVAL PLANS
12 - 15	RESURFACING PLANS
16 - 21	INTERSECTION PLANS
22	VILLAGE OF STREAMWOOD DETAILS
23 - 30	DISTRICT ONE DETAILS

STATE STANDARDS

<u>STANDARD NO.</u>	<u>LIST OF DESCRIPTION</u>
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
420001-09	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701427-05	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

DISTRICT ONE DETAILS

<u>STANDARD NO.</u>	<u>LIST OF DESCRIPTION</u>
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN

GENERAL NOTES

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, APRIL 1, 2016. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE NAVD 88 DATUM.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- SAW CUTTING OF PAVEMENTS, CURB AND GUTTER, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING.
- MATERIALS RESULTING FROM THE REMOVAL OF ASPHALT SURFACES, CONCRETE REMOVAL, UTILITY STRUCTURE ADJUSTMENTS, GRADING WORK, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IN THE JUDGEMENT OF THE ENGINEER, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS.
- SIDEWALK REMOVAL AND REPLACEMENT, DRIVEWAY REMOVAL AND REPLACEMENT, AND COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT AS SHOWN ON THE PLANS IS FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATIONS AND QUANTITIES TO BE DETERMINED AND MARKED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- RESURFACING ALONG PARK BOULEVARD SHALL BE DONE IN ONE PASS.

STORM SEWERS, WATER MAINS, AND UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS.
- ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY AND BE DELIVERED TO THE PUBLIC WORKS DEPARTMENT. THE PHONE NUMBER FOR DELIVERY ARRANGEMENT IS (630)736-3850.
- ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, OR INLET, SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM."
- THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.

SIGNING AND STRIPING

- SEE IDOT DISTRICT ONE DETAILS AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.

COMMITMENTS

- NO COMMITMENTS WERE MADE FOR THIS PROJECT.

SEQUENCE OF CONSTRUCTION - ROADWAY

- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE VILLAGE WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CONCRETE CURB AND GUTTER INSTALLATION OR SIDEWALK CONSTRUCTION. AT LOCATIONS WHERE NEW GUTTER OR SIDEWALK IS TO BE INSTALLED ACROSS A DRIVEWAY, THE CONTRACTOR SHALL CONTACT THE HOMEOWNER 48 HOURS PRIOR TO REMOVING THE PAVEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES, PROVIDED BY THE VILLAGE, TO RESIDENTS. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES (KNOCK ON DOORS WHEN A DRIVEWAY IS ABOUT TO BE CLOSED).
- THE CONTRACTOR SHALL NOT BE ALLOWED TO CLOSE A DRIVEWAY FOR MORE THAN 48 HOURS UNDER ANY CIRCUMSTANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING BARRICADES TO PREVENT TRAFFIC FROM USING DRIVEWAYS DURING THIS PERIOD.

HRG PROJECT NO. 19055
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PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, STATE STANDARDS, DIST 1 DETAILS & GENERAL NOTES			
PARK BOULEVARD			
SCALE: N.T.S.	SHEET 1	OF 1 SHEETS	STA. TO STA.

F. A. U R. T. E.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-RS	COOK	30	2
CONTRACT NO. 61G09			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY
				75% FEDERAL
				25% LOCAL
				0005
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	152	152
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	187	187
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	17	17
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	17	17
25100630	EROSION CONTROL BLANKET	SQ YD	867	867
25200110	SODDING, SALT TOLERANT	SQ YD	187	187
25200200	SUPPLEMENTAL WATERING	UNIT	10	10
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	32,015	32,015
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	50	50
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	420	420
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-4.75, N50	TON	2,609	2,609
40604060	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50	TON	5,312	5,312
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	240	240
* 42400800	DETECTABLE WARNINGS	SQ FT	1,090	1,090

* SPECIAL PROVISION
t SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

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PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
PARK BOULEVARD**

SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-RS	COOK	30	3
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G09	

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY	
				75% FEDERAL	25% LOCAL
				0005	
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	47,424	47,424	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	240	240	
44000600	SIDEWALK REMOVAL	SQ FT	12,800	12,800	
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	205	205	
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	240	240	
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	305	305	
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	340	340	
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	18	18	
67100100	MOBILIZATION	L SUM	1	1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	9,263	9,263	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	6,110	6,110	
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	471	471	

* SPECIAL PROVISION
t SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

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PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
PARK BOULEVARD**

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-RS	COOK	30	4
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G09	

	PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 75% FEDERAL 25% LOCAL 0005
t	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	28,324	28,324
t	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	562	562
t	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,418	1,418
t	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	340	340
t	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	190	190
t	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	30	30
t	88600600	DETECTOR LOOP REPLACEMENT	FOOT	368	368
*	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1
*	X0326806	WASHOUT BASIN	L SUM	1	1
*	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	5	5
*	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	12,800	12,800
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	500	500
*	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	69	69
*	Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	5,250	5,250
*	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52

* SPECIAL PROVISION
t SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

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PLOT DATE = 2/5/2021	CHECKED -	REVISED - XX/XX/XXXX
	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
PARK BOULEVARD			
SCALE: N.T.S.	SHEET 3	OF 4 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-RS	COOK	30	5
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61G09	

	PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 75% FEDERAL 25% LOCAL 0005
X	Z0076600	TRAINEES	HOUR	500	
X	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	

* SPECIAL PROVISION
t SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

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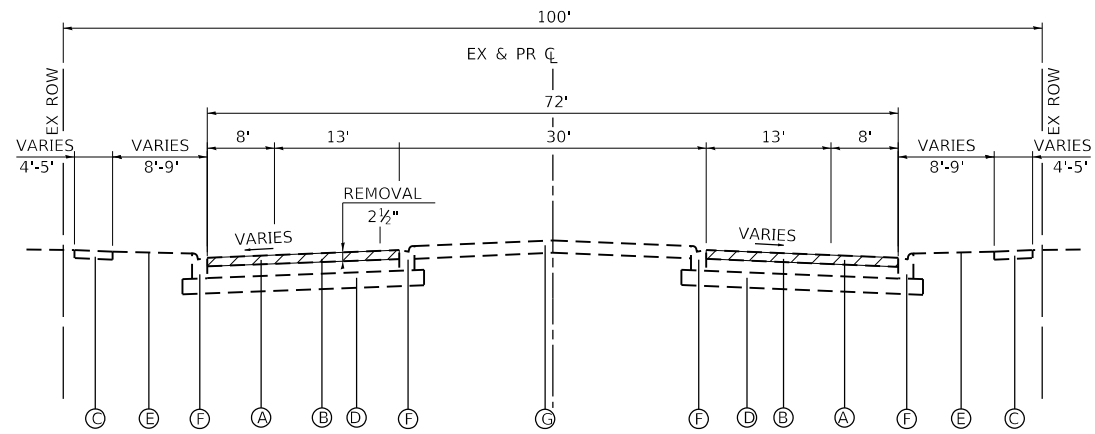
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PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
PARK BOULEVARD**

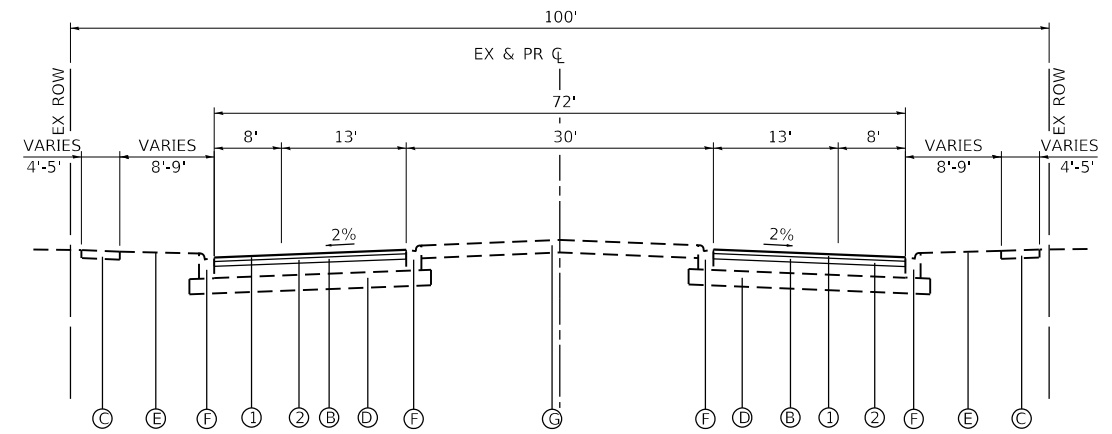
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F.A.U RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-RS	COOK	30	6
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61G09	



EXISTING TYPICAL SECTION
 PARK BOULEVARD
 IRVING PARK ROAD (IL 49) TO SCHAUMBURG ROAD
 STA 101+33.08 TO STA 183+11.27

 DENOTES AREA OF HOT-MIX ASPHALT SURFACE REMOVAL



PROPOSED TYPICAL SECTION
 PARK BOULEVARD
 IRVING PARK ROAD (IL 49) TO SCHAUMBURG ROAD
 STA 101+33.08 TO STA 183+11.27

EXISTING LEGEND

- Ⓐ HOT-MIX ASPHALT SURFACE REMOVAL, 2 ¼"
- Ⓑ HOT-MIX ASPHALT PAVEMENT, (12" & VARIES)
- Ⓒ PORTLAND CEMENT CONCRETE SIDEWALK (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- Ⓓ AGGREGATE SUBBASE, (4"-6")
- Ⓔ EXISTING GROUND
- Ⓕ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- Ⓖ LANDSCAPED MEDIAN

PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"
- ② POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 1"

NOTES: THE PATCHING QUANTITIES HAVE BEEN ESTIMATED BASED ON FIELD OBSERVATION DURING DESIGN.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HMA SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4.0% @ 50 GYR.
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 1"	3.5% @ 50 GYR.
PATCHING (see note)	
CLASS D PATCHES, (HMA BINDER, IL-19mm)	4.0% @ 70 GYR.

- NOTES:
- THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 - THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY SPECIAL PROVISIONS.
 - FOR USE OF RECYCLED MATERIAL SEE SPECIAL PROVISIONS.

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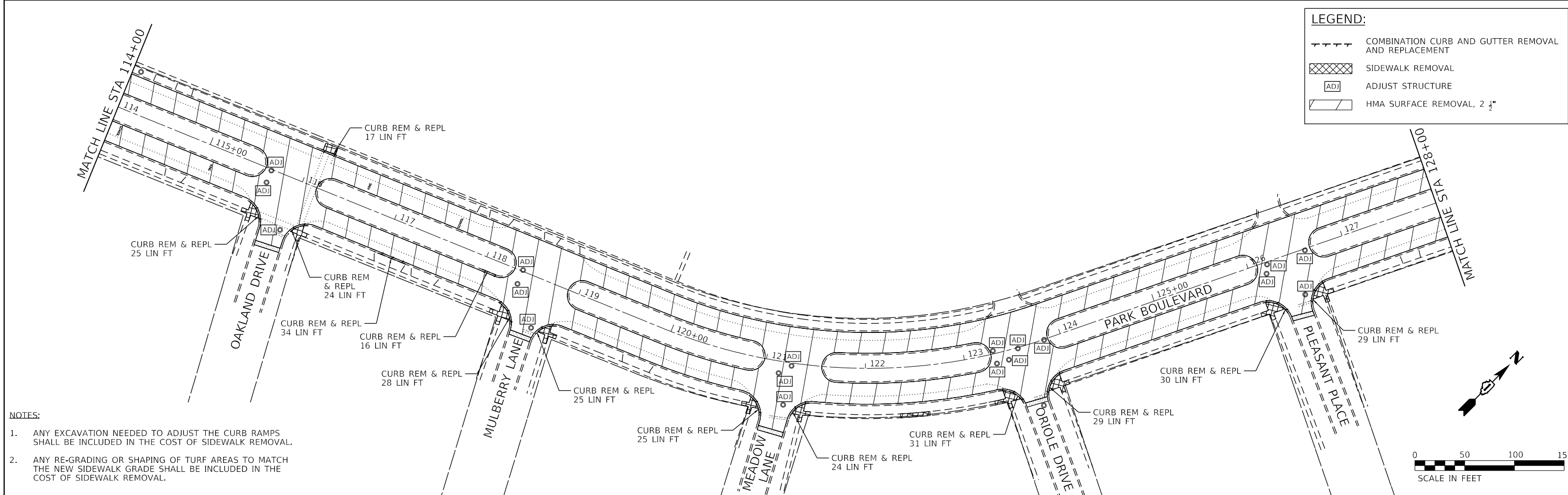
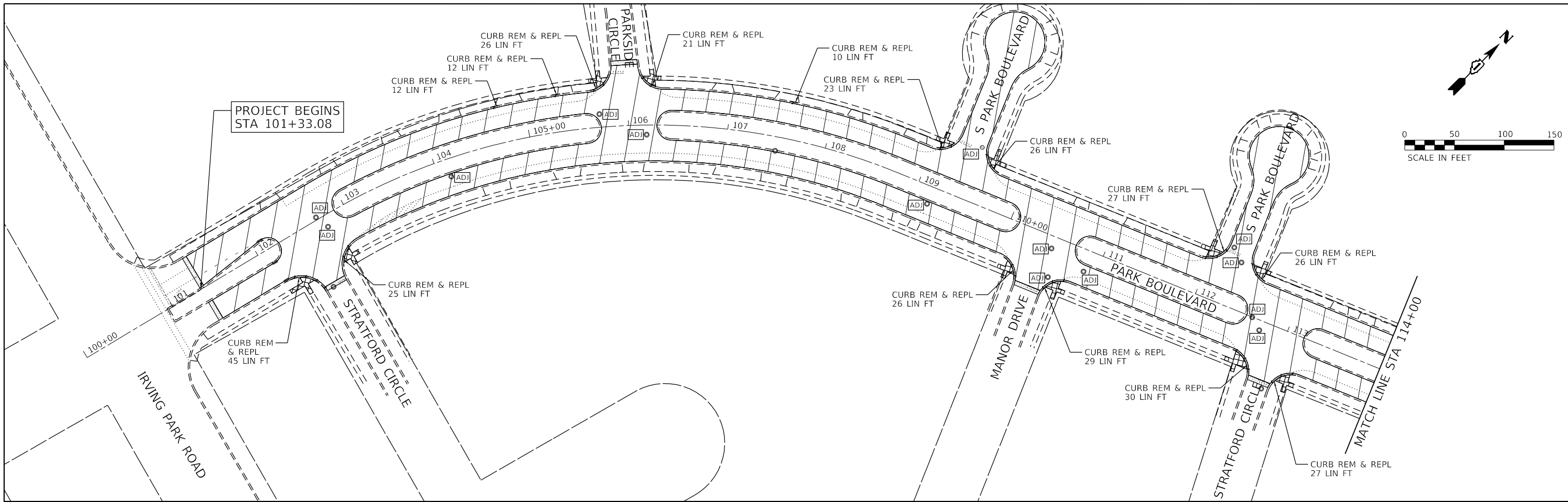


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PLOT SCALE =	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS PARK BOULEVARD	
SCALE: N.T.S.	SHEET 1 OF 1 SHEETS
STA. 101+33.08 TO STA. 183+40.38	

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	7
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61G09	



LEGEND:

- COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
- SIDEWALK REMOVAL
- ADJUST STRUCTURE
- HMA SURFACE REMOVAL, 2 1/4"

- NOTES:**
1. ANY EXCAVATION NEEDED TO ADJUST THE CURB RAMPS SHALL BE INCLUDED IN THE COST OF SIDEWALK REMOVAL.
 2. ANY RE-GRADING OR SHAPING OF TURF AREAS TO MATCH THE NEW SIDEWALK GRADE SHALL BE INCLUDED IN THE COST OF SIDEWALK REMOVAL.

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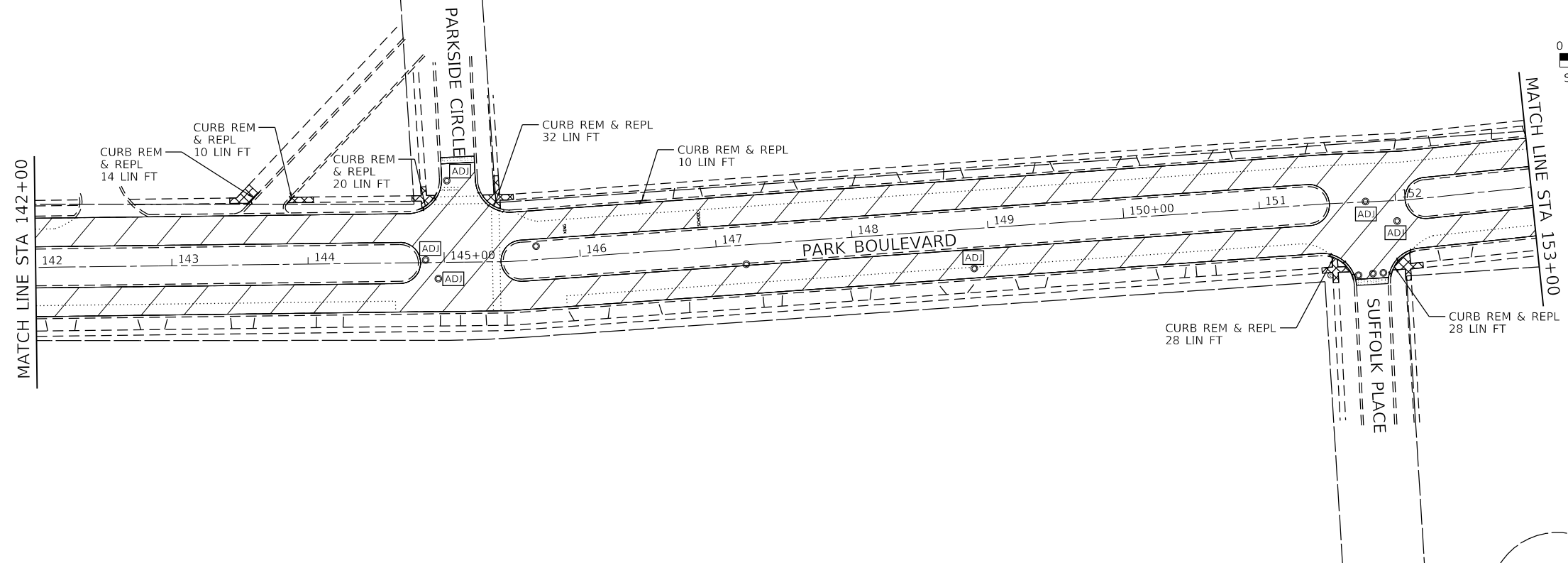
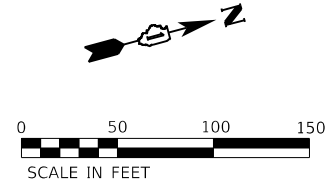
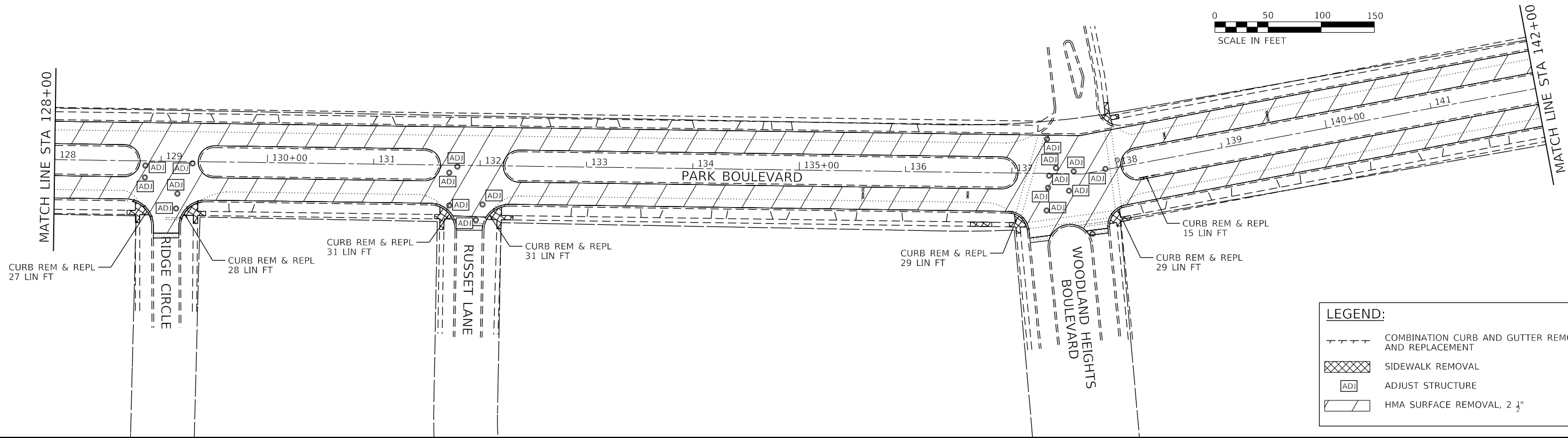
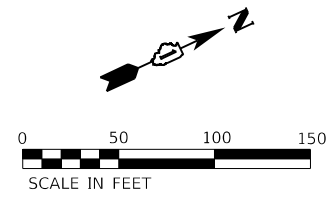
USER NAME = dstencz	DESIGNED - JRM	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE =	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
PARK BOULEVARD**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 101+33.08 TO STA. 128+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	8
CONTRACT NO. 61G09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



HRG PROJECT NO. 15055
 HRG PROJ. CONTACT:
 FILE NAME: 15055-S17-Rem_02.dgn
 PEN TABLE: 15055.tbl



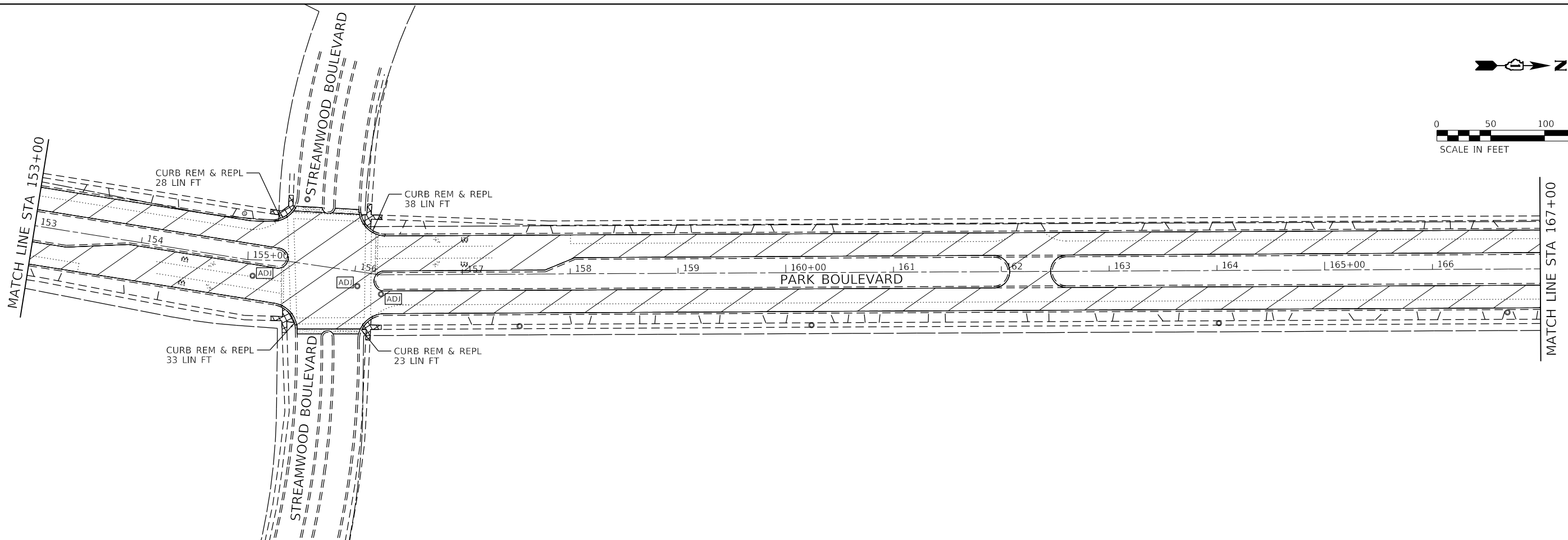
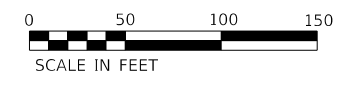
USER NAME = dstencz	DESIGNED - JRM	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE =	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
PARK BOULEVARD**

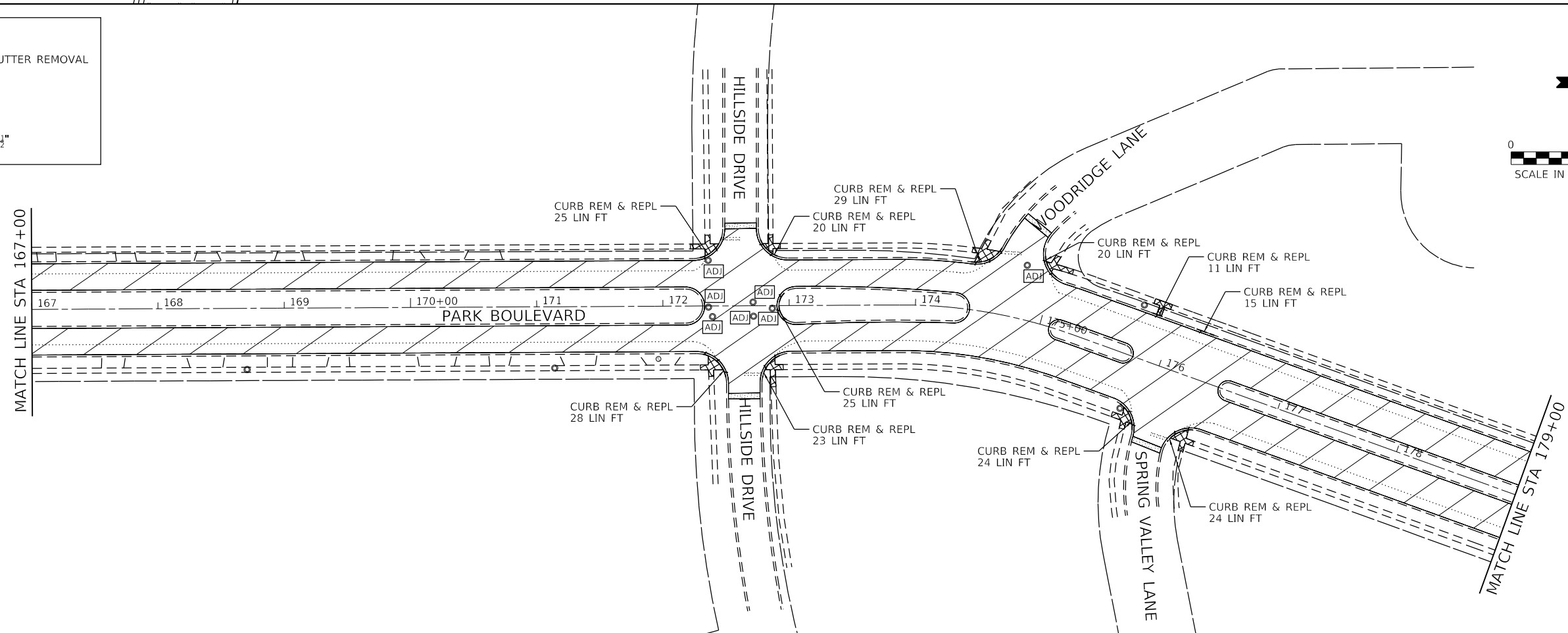
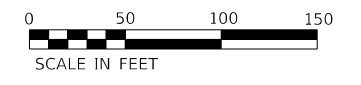
SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 128+00.00 TO STA. 153+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	9
CONTRACT NO. 61G09				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND:

- COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
- SIDEWALK REMOVAL
- ADJUST STRUCTURE
- HMA SURFACE REMOVAL, 2 1/2"



HRG PROJECT NO. 190515
 HRG PROJ. CONTACT:
 FILE NAME: 190515-179-Rem_03.dgn
 PEN TABLE: 190515.tbl



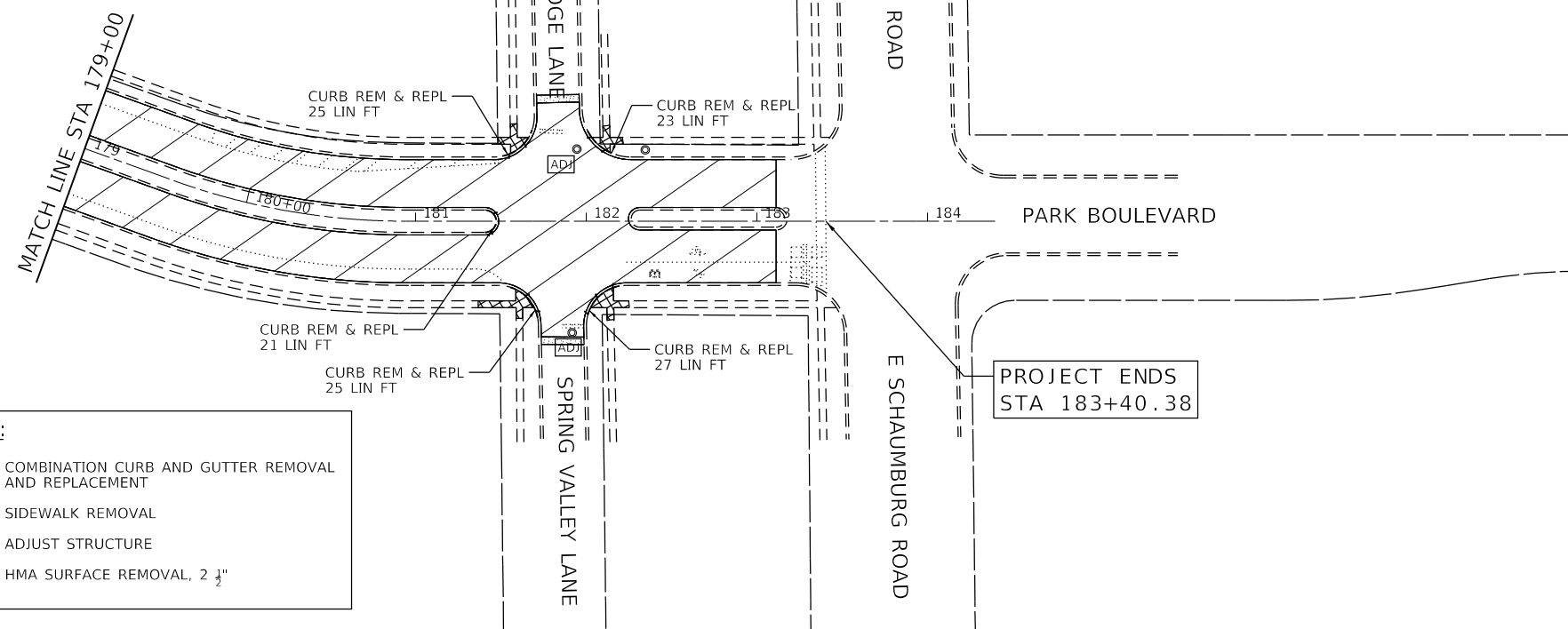
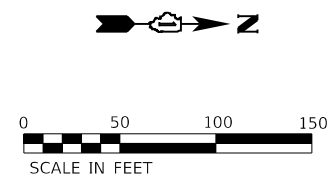
USER NAME = dstencz	DESIGNED - JRM	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE =	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
PARK BOULEVARD**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 153+00.00 TO STA. 179+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	10
CONTRACT NO. 61G09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND:

	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
	SIDEWALK REMOVAL
	ADJUST STRUCTURE
	HMA SURFACE REMOVAL, 2 1/4"

HRG PROJECT NO.: 15055
 HRG PROJ. CONTACT:
 FILE NAME: 15055-S17-Rem_04.dgn
 PEN TABLE: 15055.tbl

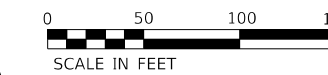
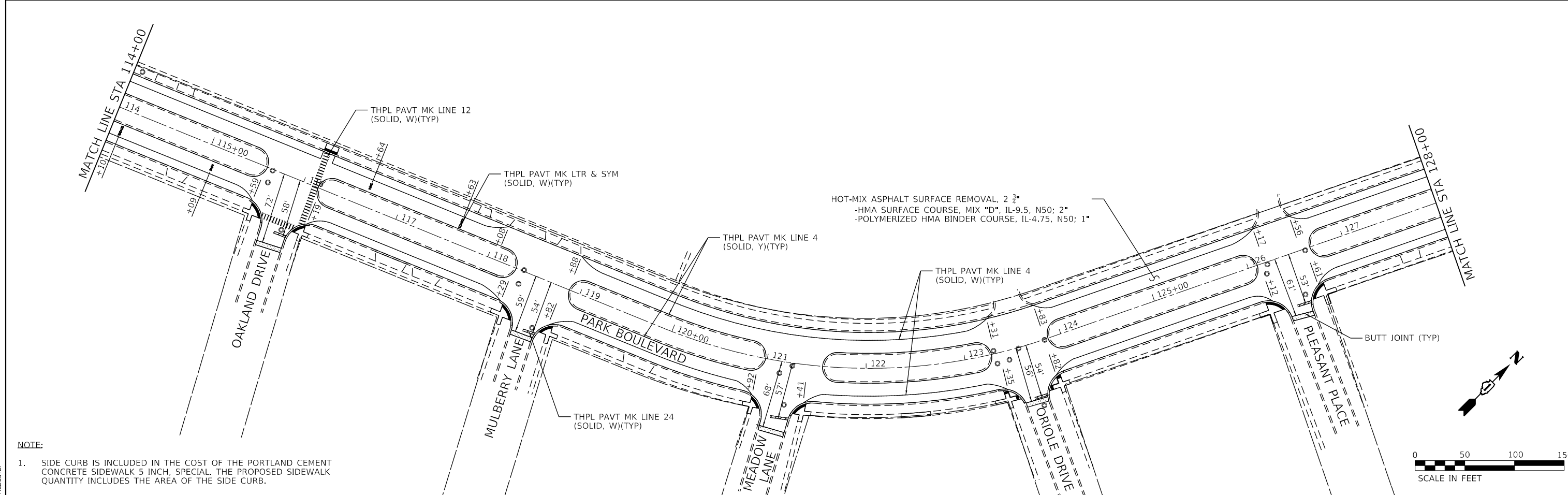
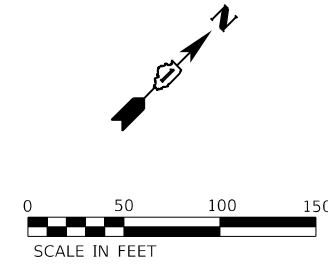
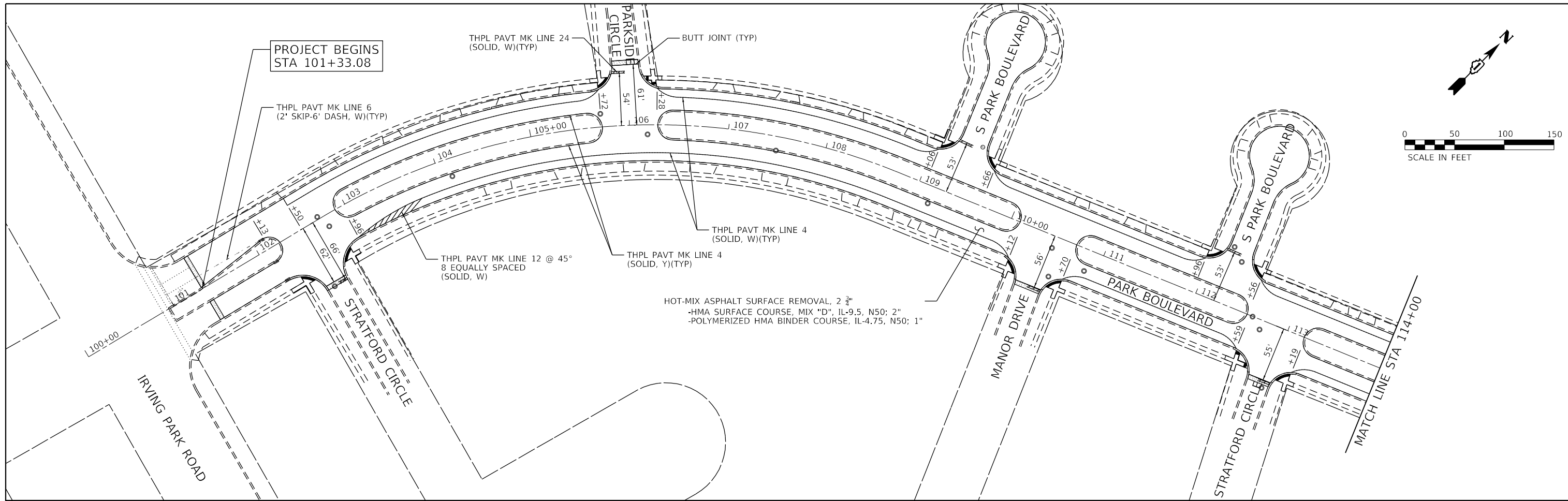


USER NAME = dstencz	DESIGNED - JRM	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE =	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN PARK BOULEVARD			
SCALE: 1"=50'	SHEET 4	OF 4 SHEETS	STA. 179+00.00 TO STA. 183+40.38

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	11
CONTRACT NO. 61G09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTE:
 1. SIDE CURB IS INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL. THE PROPOSED SIDEWALK QUANTITY INCLUDES THE AREA OF THE SIDE CURB.

HRG PROJECT NO. 15055
 HRG PROJ. CONTACT:
 FILE NAME: 15055-SR-Resurf_Plan.dgn
 PEN TABLE: 15055.tbl



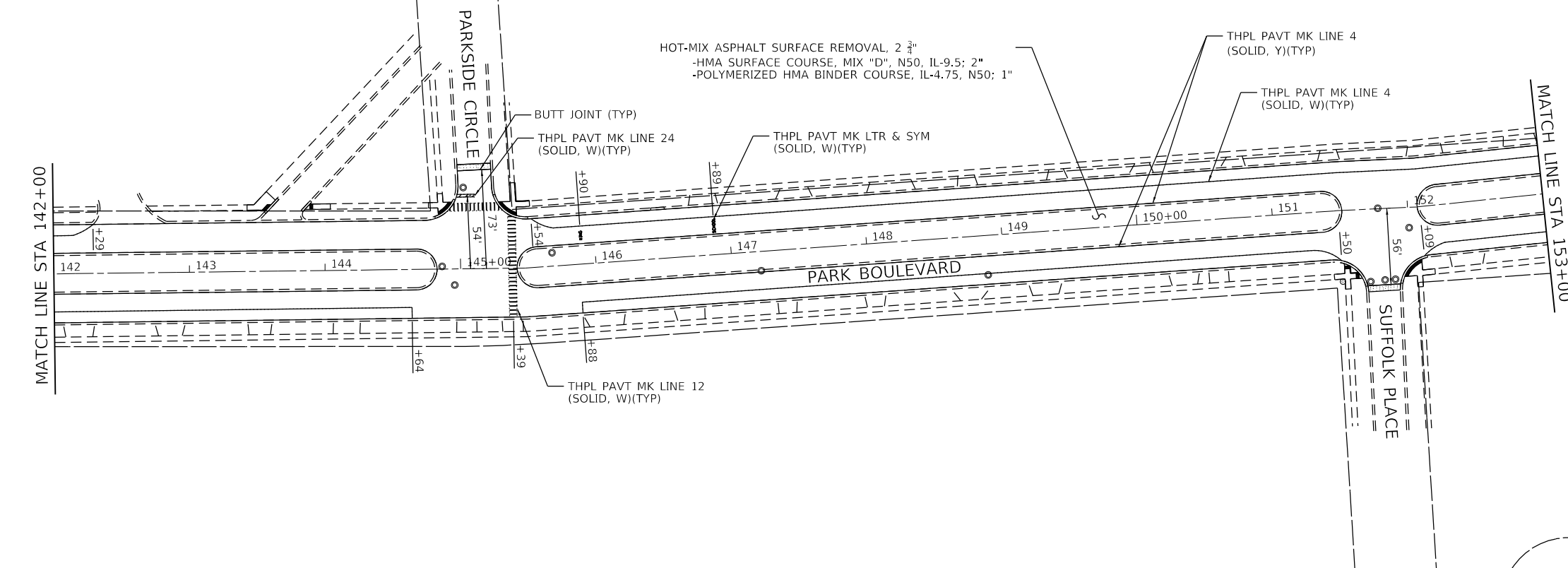
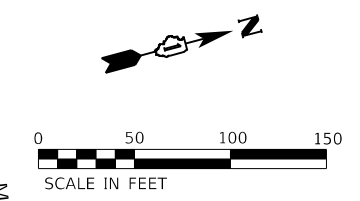
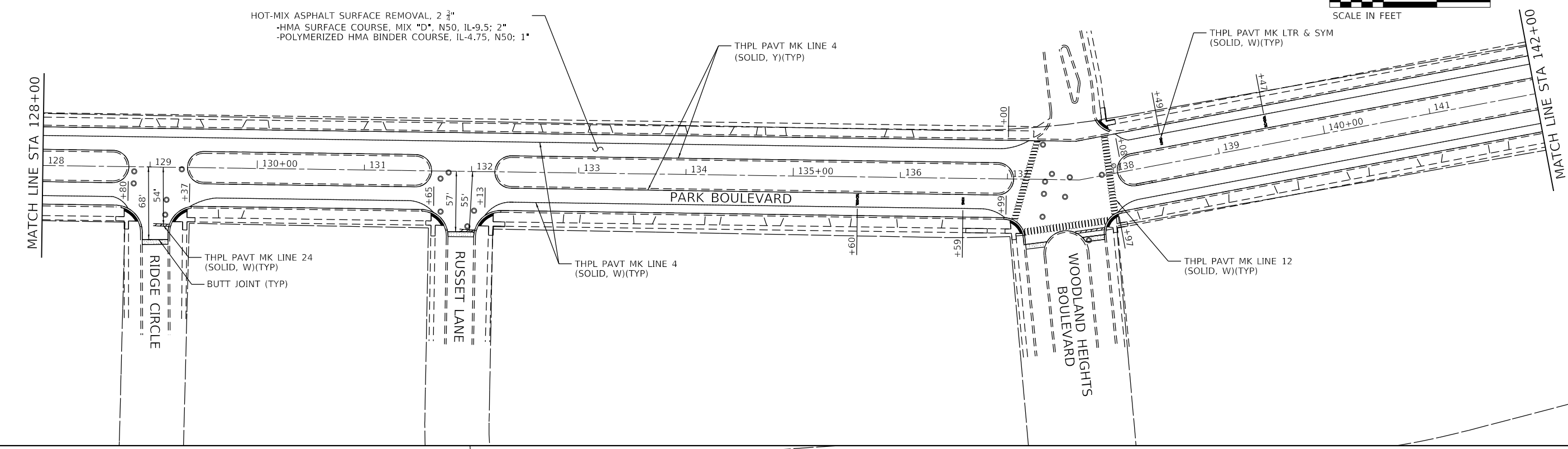
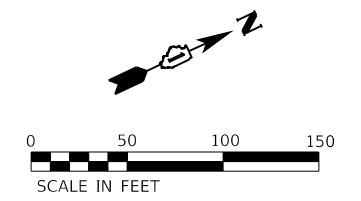
USER NAME = dstancz	DESIGNED - JRM	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE =	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RESURFACING PLAN
PARK BOULEVARD

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 101+33.08 TO STA. 128+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	29	11
CONTRACT NO. 61G09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



HRG PROJECT NO. 190515
 HRG PROJ. CONTACT:
 FILE NAME: 190515-S17-Resurf_02.dgn
 PEN TABLE: 190515.tbl



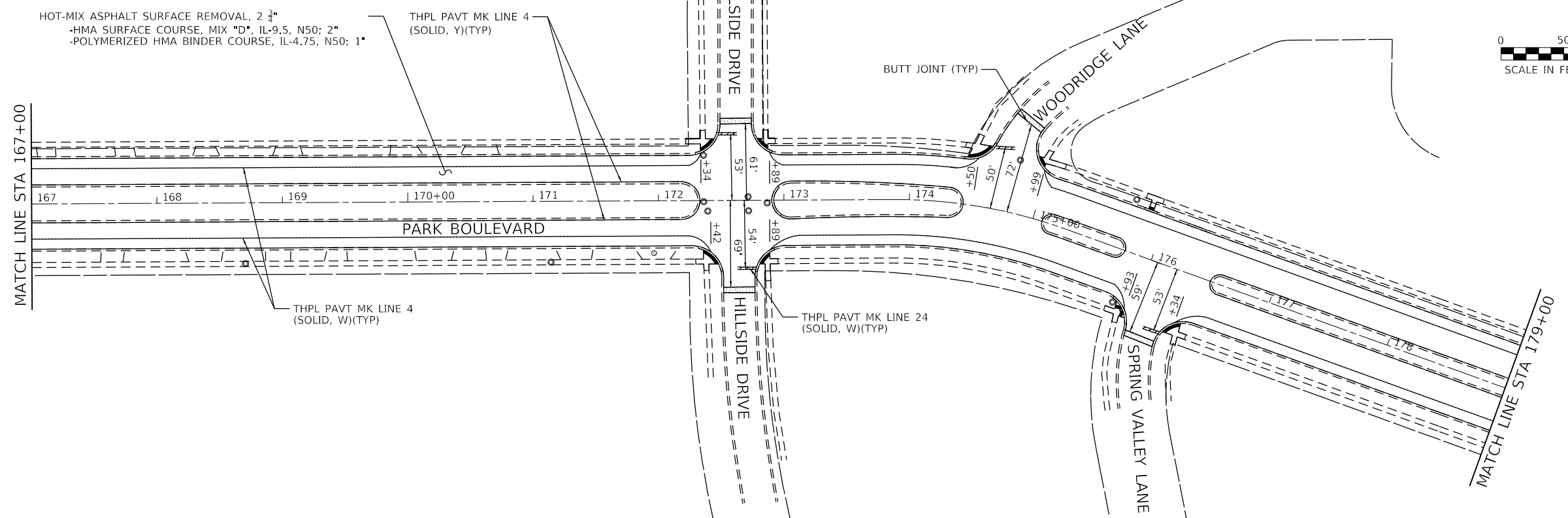
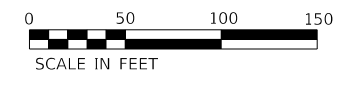
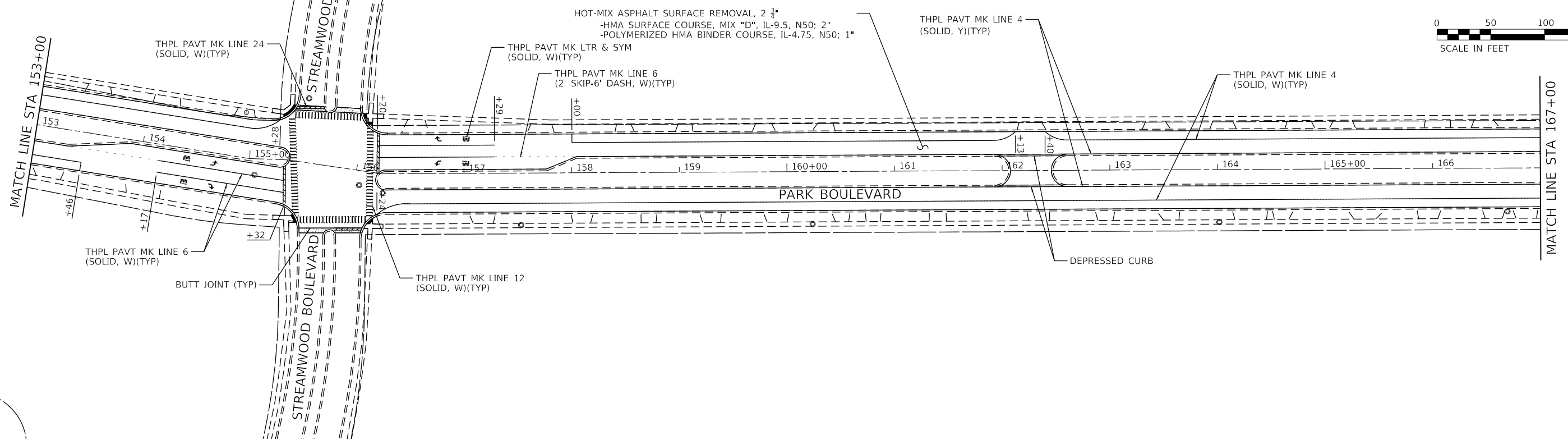
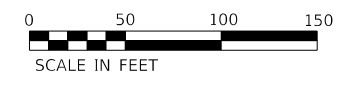
USER NAME = dstencz	DESIGNED - JRM	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE =	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RESURFACING PLAN
 PARK BOULEVARD**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 128+00.00 TO STA. 153+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	13
CONTRACT NO. 61G09				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



HRG PROJECT NO: 190515
 HRG PROJ CONTACT:
 FILE NAME: 190515-SHT-Resurf_03.dgn
 PEN TABLE: 190515.tbl



USER NAME = dstencz	DESIGNED - JRM	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE =	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RESURFACING PLAN
 PARK BOULEVARD**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 153+10.00 TO STA. 179+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	14
CONTRACT NO. 61G09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 -HMA SURFACE COURSE, MIX "D", IL-9.5, N50; 2"
 -POLYMERIZED HMA BINDER COURSE, IL-4.75, N50; 1"

THPL PAVT MK LINE 12 @ 45°
 10 EQUALLY SPACED
 (SOLID, W)

MATCH LINE STA 179+00

THPL PAVT MK LINE 4
 (SOLID, W)(TYP)

THPL PAVT MK LINE 4
 (SOLID, Y)(TYP)

THPL PAVT MK LTR & SYM
 (SOLID, W)(TYP)

THPL PAVT MK LINE 6
 (SOLID, W)(TYP)

RESURFACE ENDS
 STA 183+11.27

POLYUREA PM T1 LN 6
 (SOLID, W)

THPL PAVT MK LINE 24
 (SOLID, W)(TYP)

BUTT JOINT (TYP)

WOODRIDGE LANE

PARK BOULEVARD

SPRING VALLEY LANE

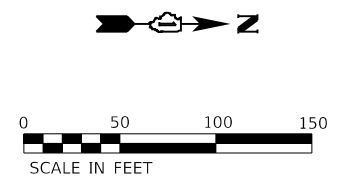
E SCHAUMBURG ROAD

E SCHAUMBURG ROAD

POLYUREA PM T1 LN 6
 (SOLID, W)

PROJECT ENDS
 STA 183+40.38

POLYUREA PM T1 LN 24
 (SOLID, W)



HRG PROJECT NO.: 190515
 HRG PROJ. CONTACT:
 FILE NAME: 190515-SYR-Resurf_04.dgn
 PEN TABLE: 190515.tbl



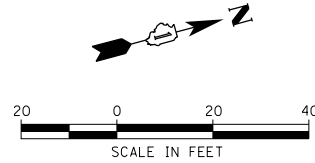
USER NAME = dstencz	DESIGNED - JRM	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE =	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

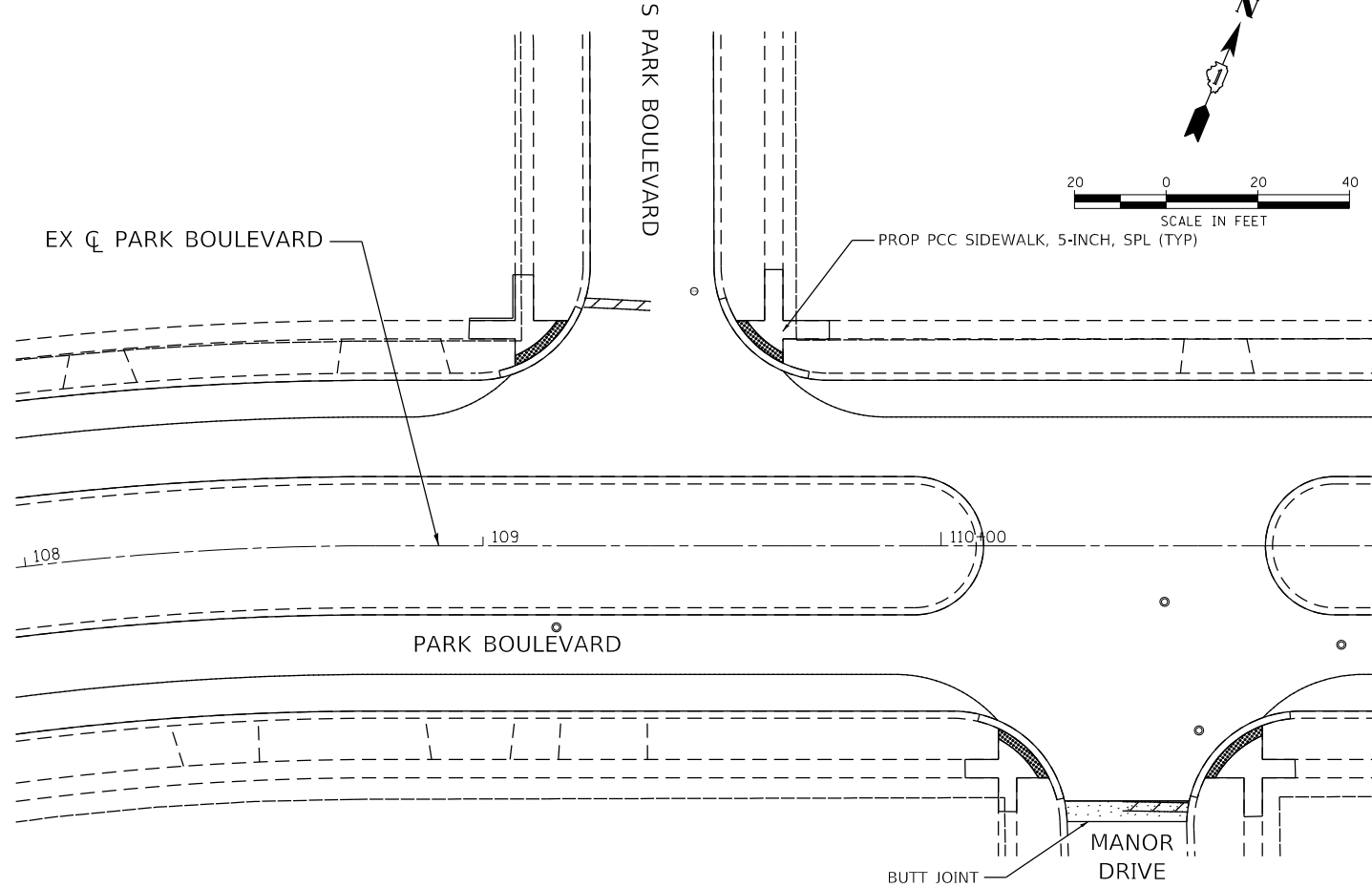
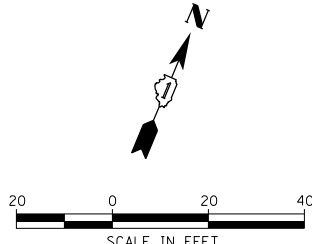
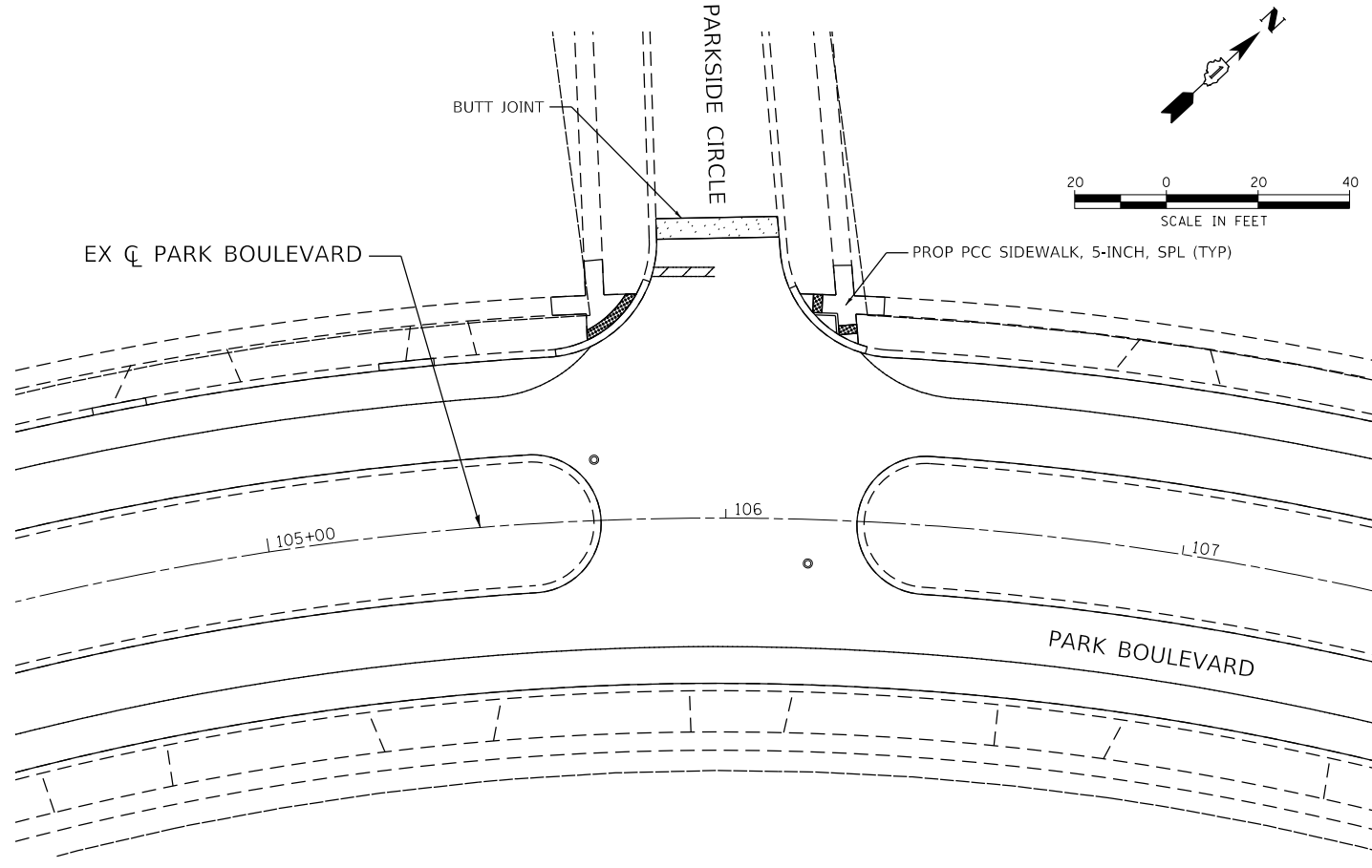
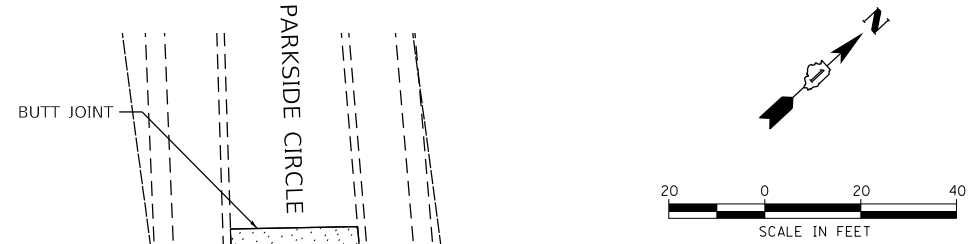
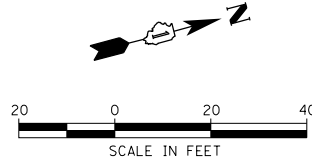
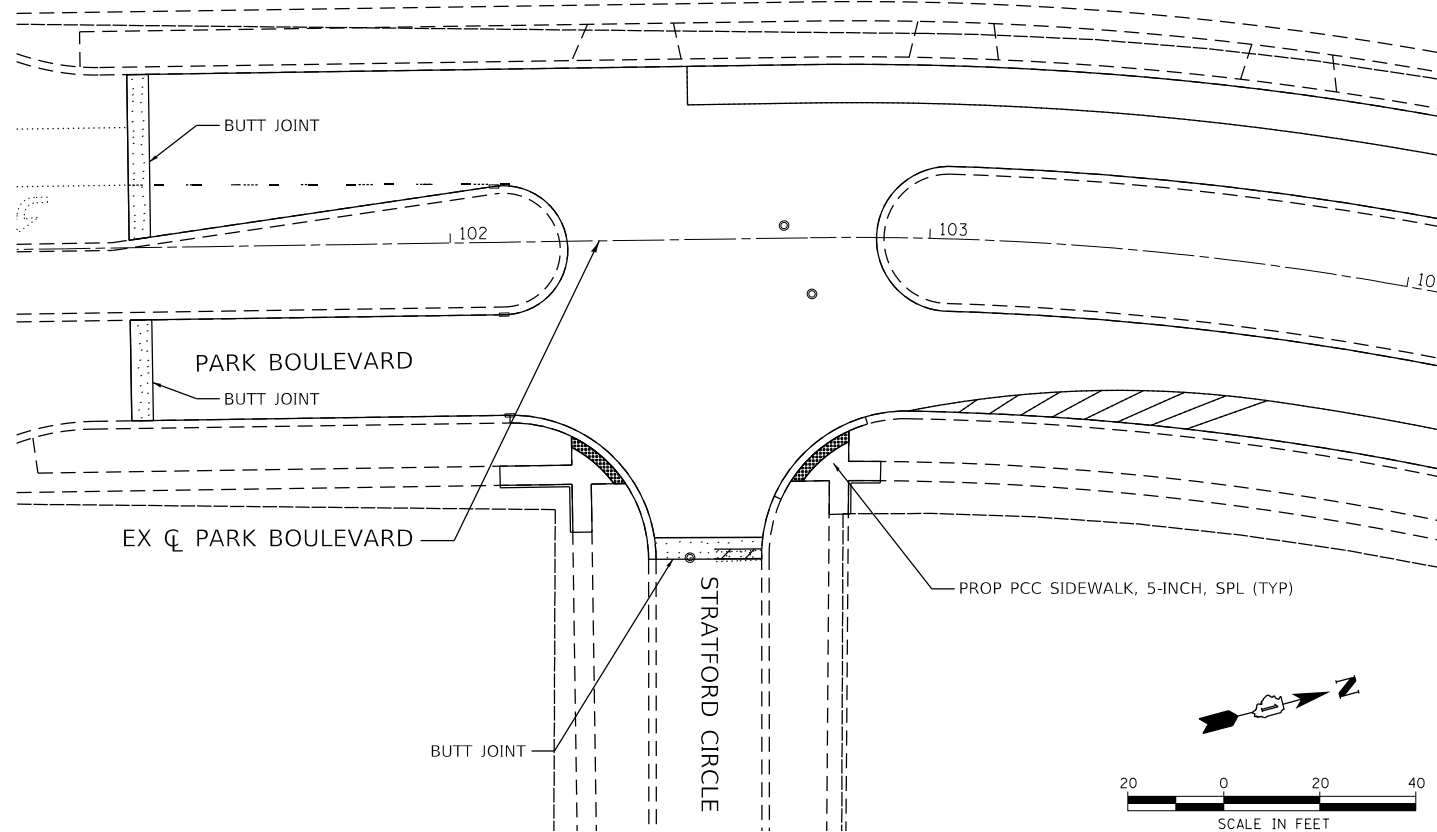
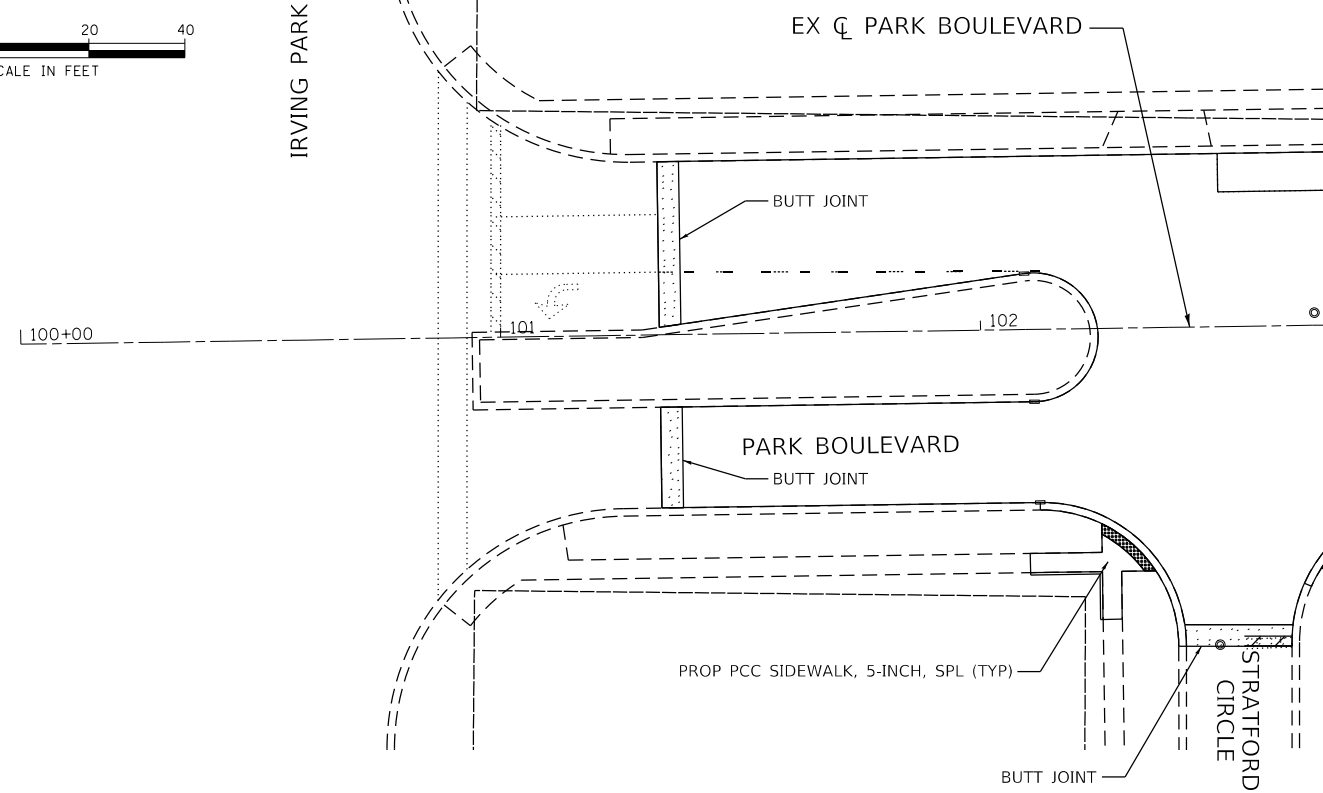
RESURFACING PLAN
 PARK BOULEVARD

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 179+00.00 TO STA. 183+40.38

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	15
CONTRACT NO. 61G09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



IRVING PARK ROAD



HRG PROJECT NO. 150515
 HRG PROJ. CONTACT:
 FILE NAME: 150515-171-11-01.dgn
 PEN TABLE: 150515.tbl

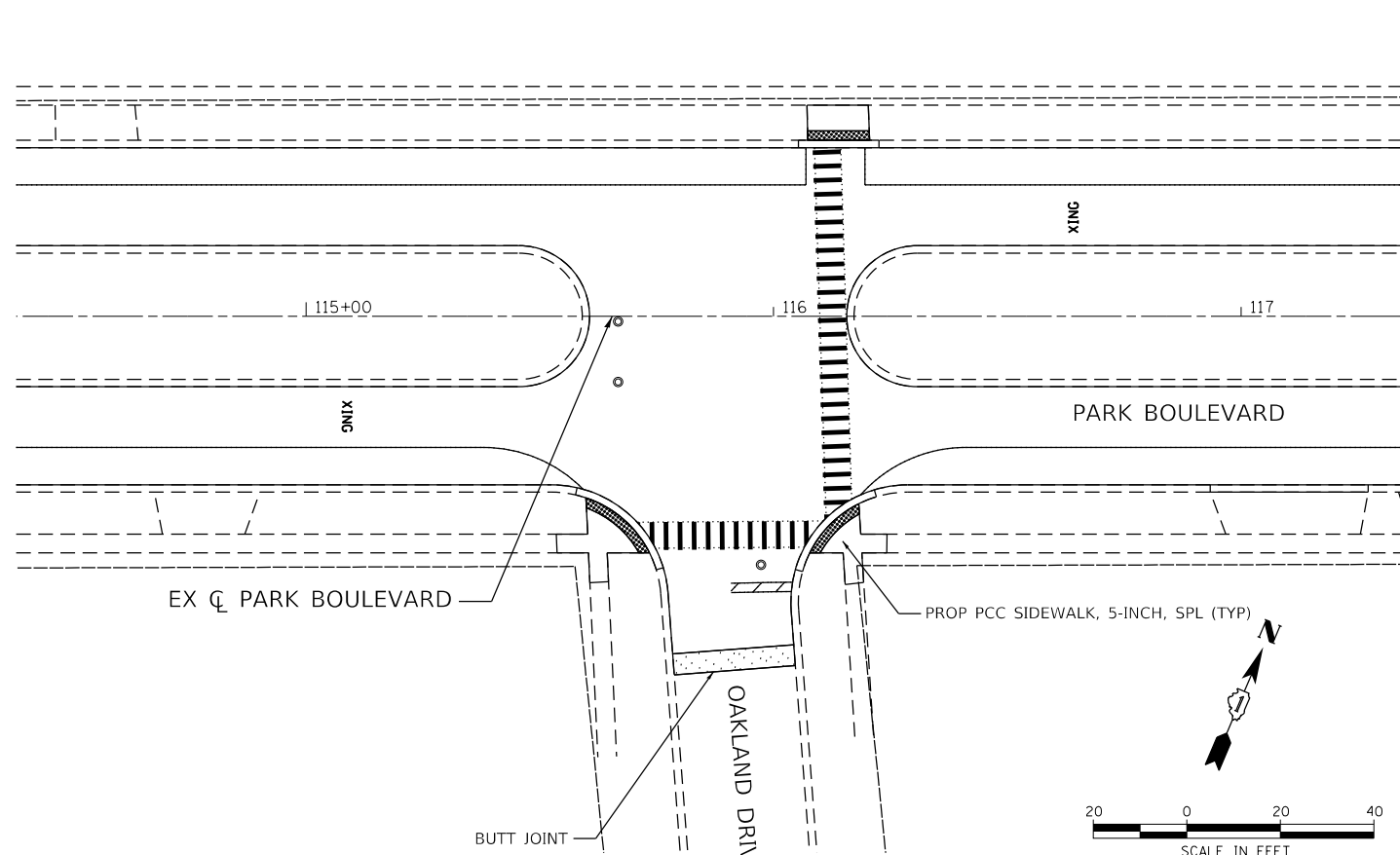
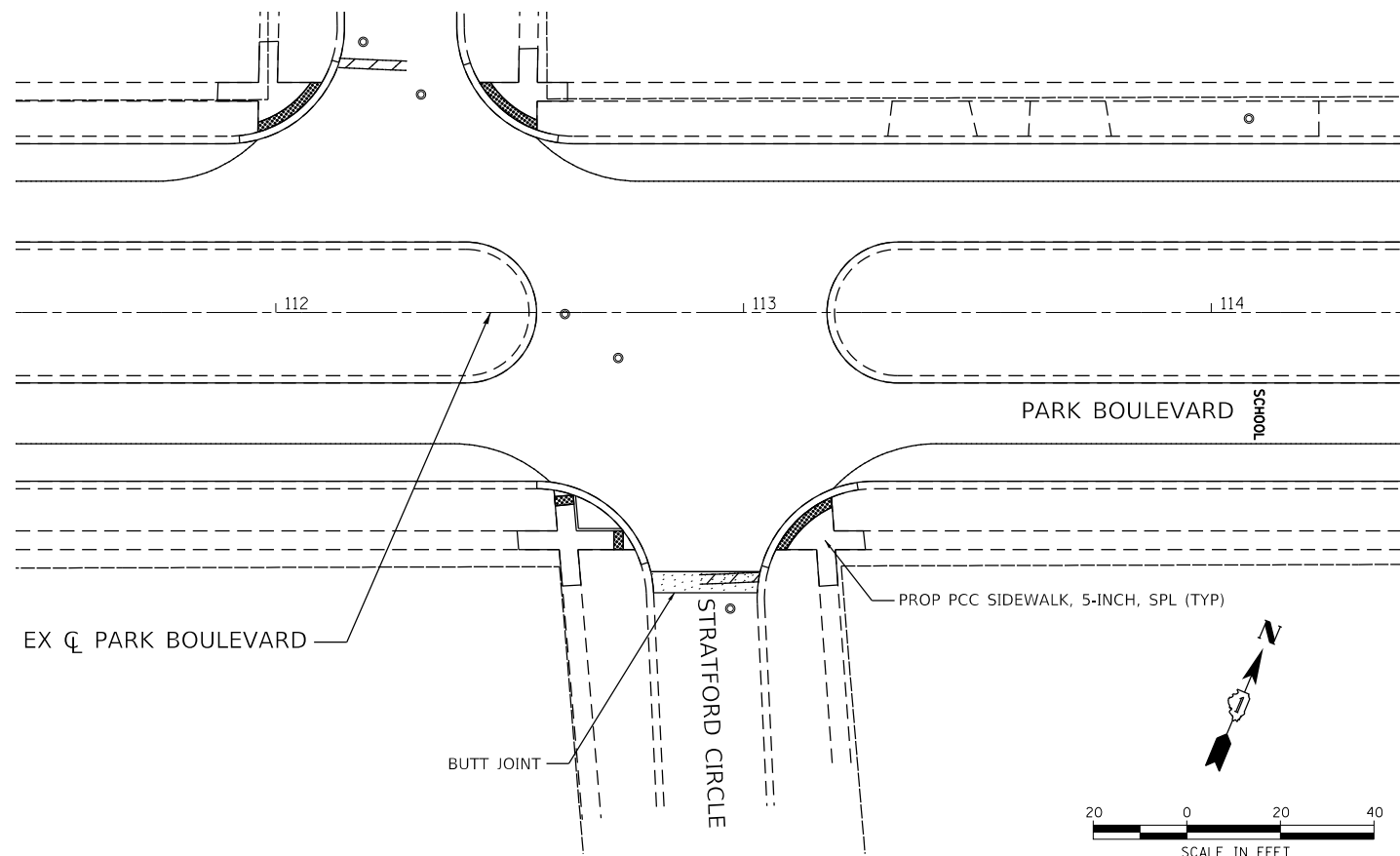
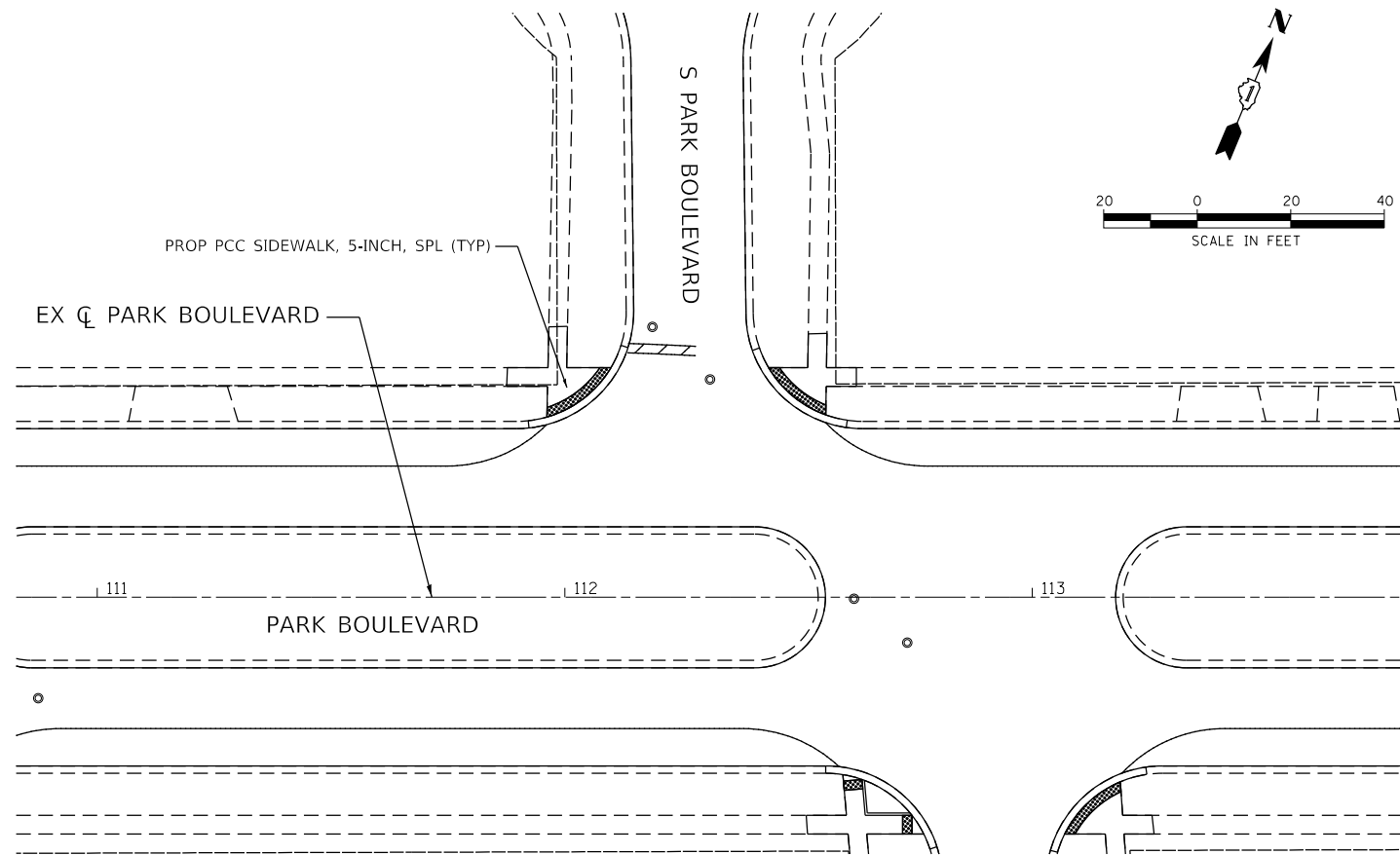
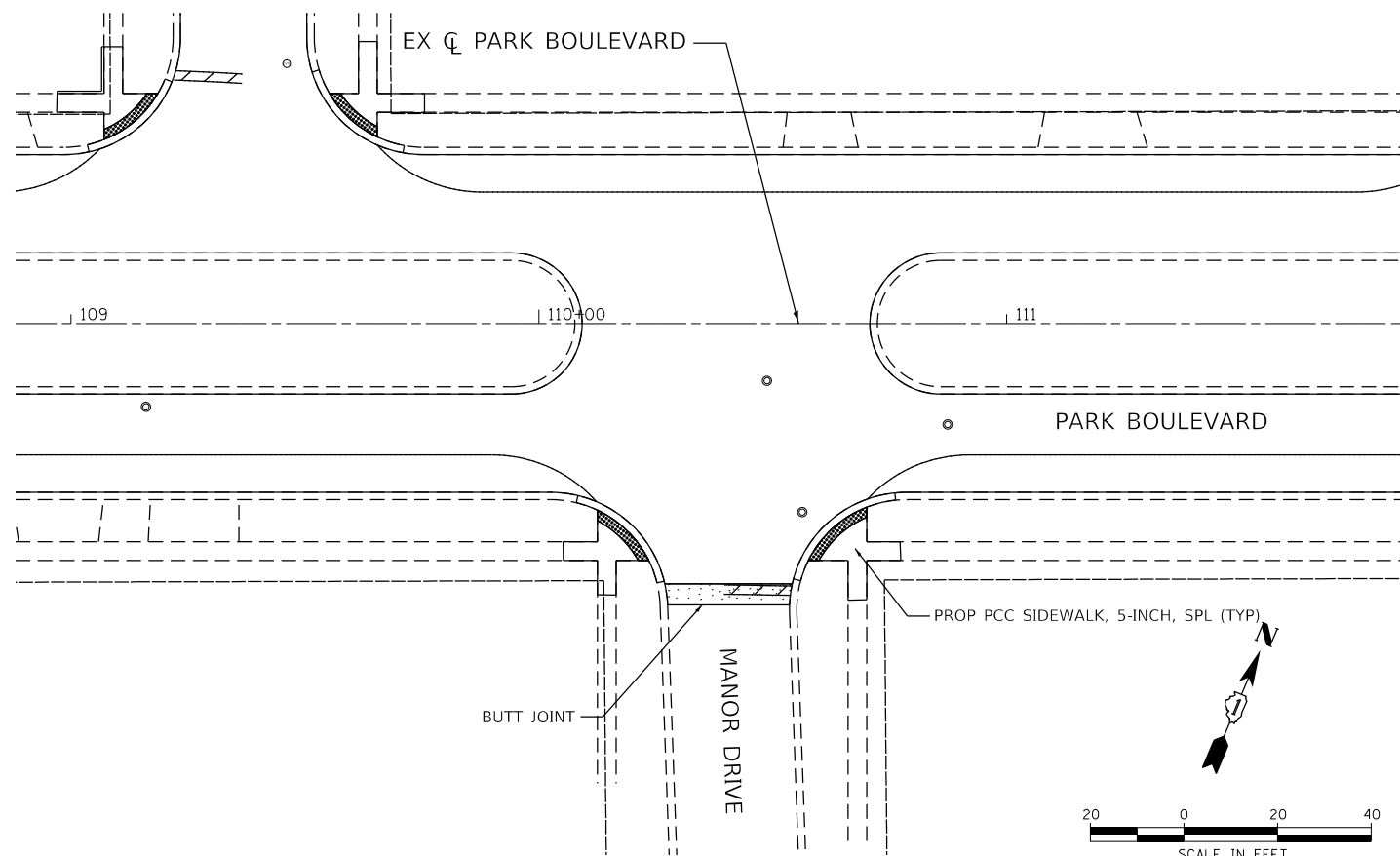


USER NAME = dstencz	DESIGNED - JRM	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE =	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION PLAN PARK BOULEVARD			
SCALE: 1"=20'	SHEET 1	OF 6 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	16
CONTRACT NO. 61G09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



HRG PROJECT NO. 150515
 HRG PROJ. CONTACT:
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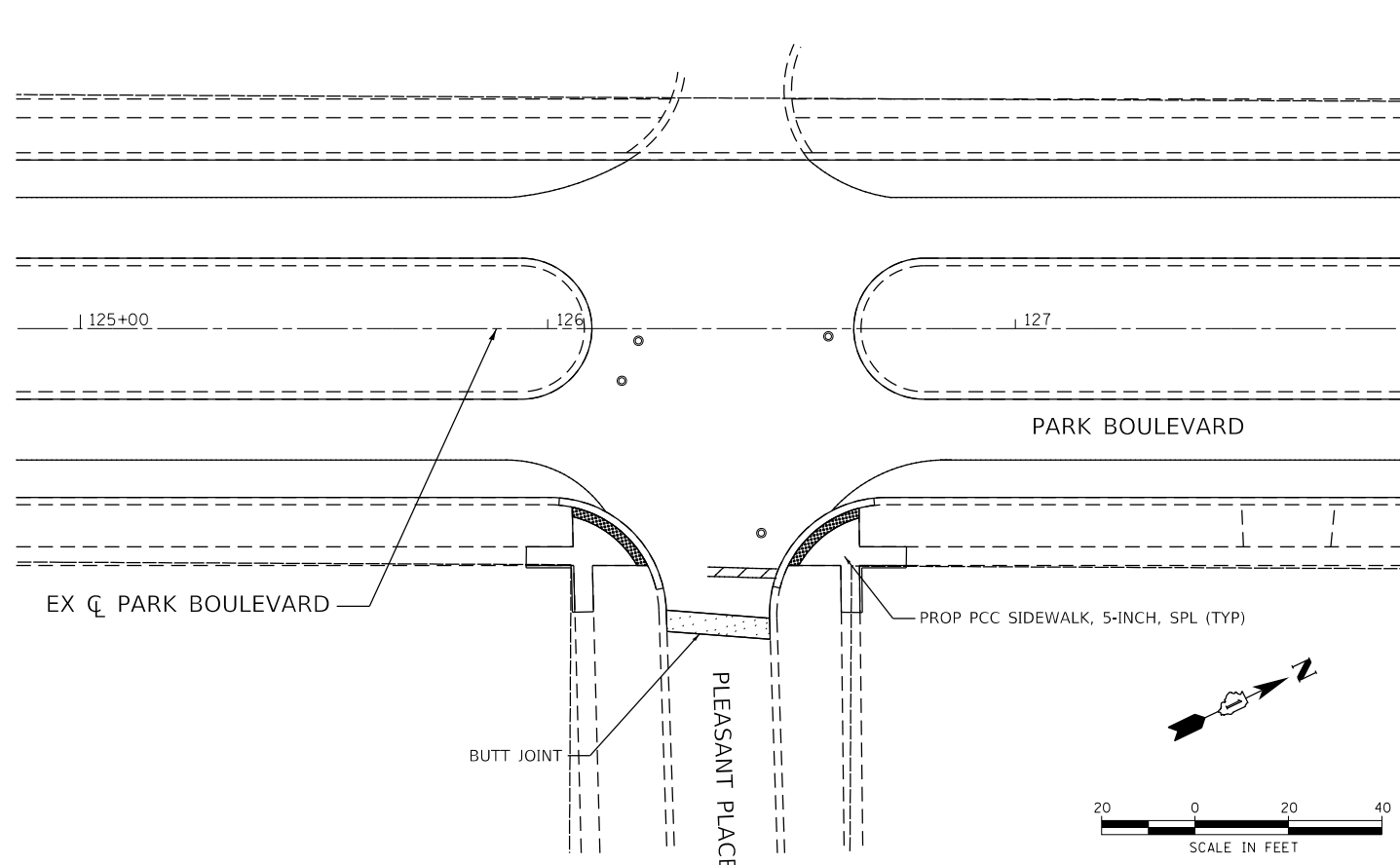
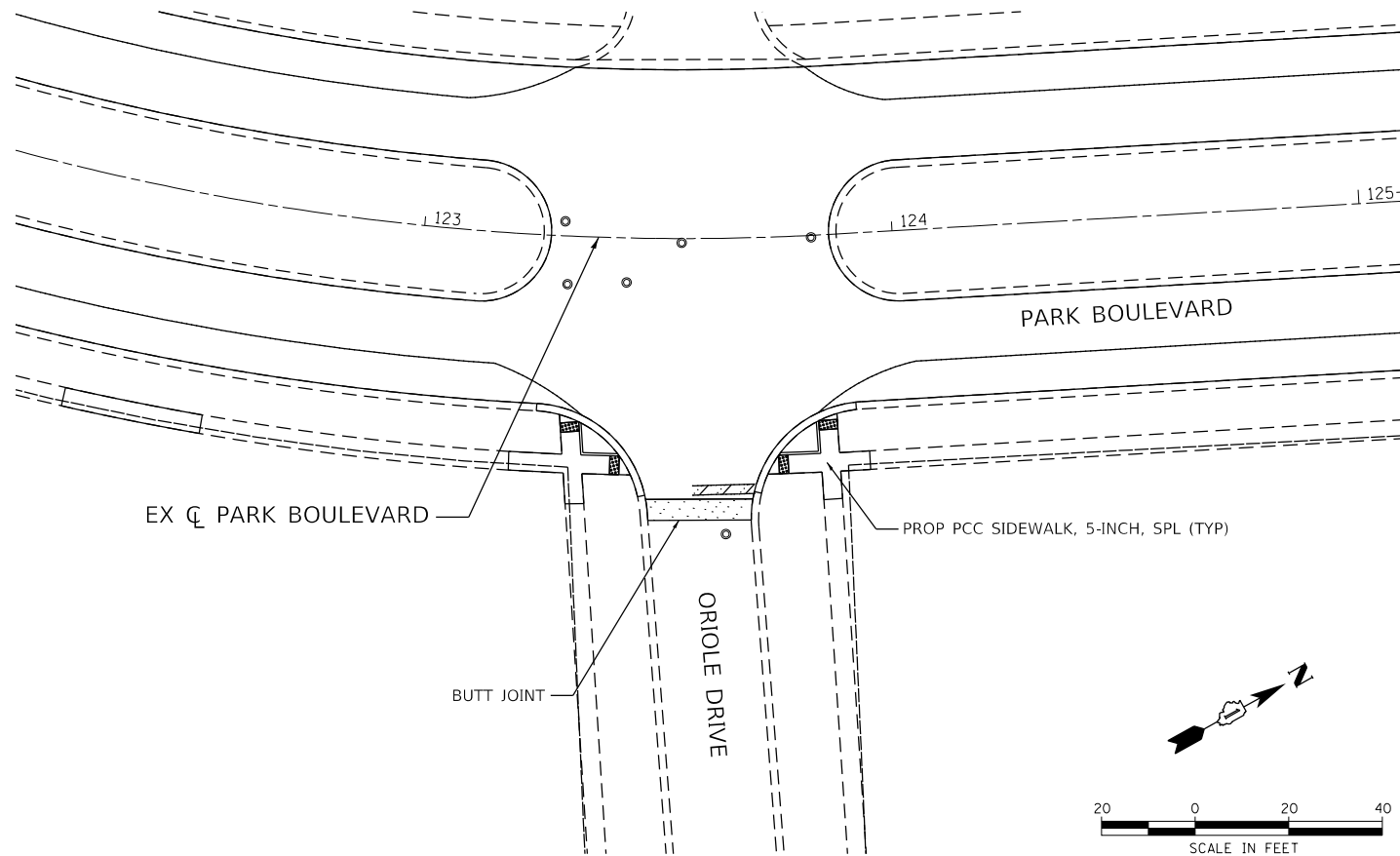
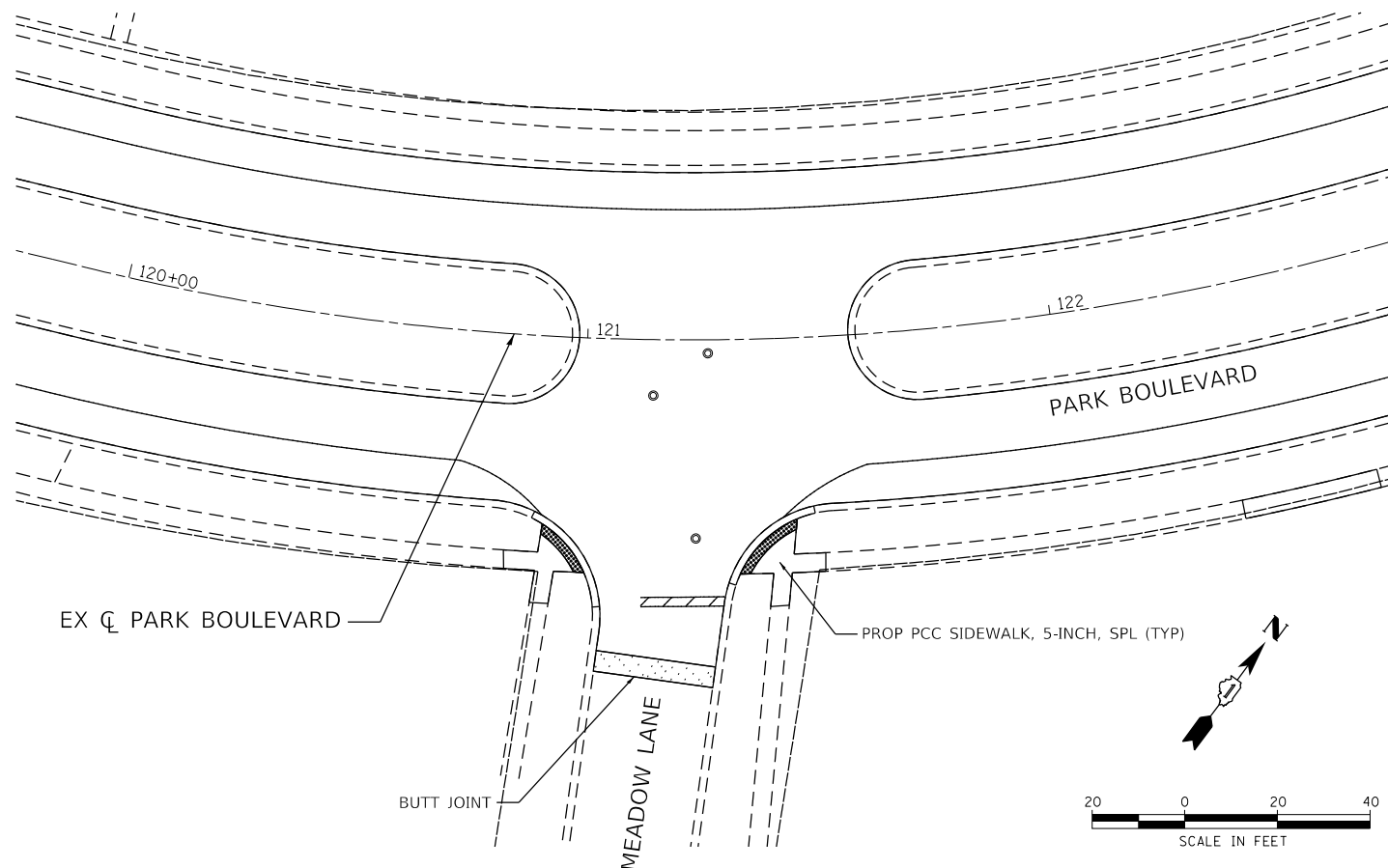
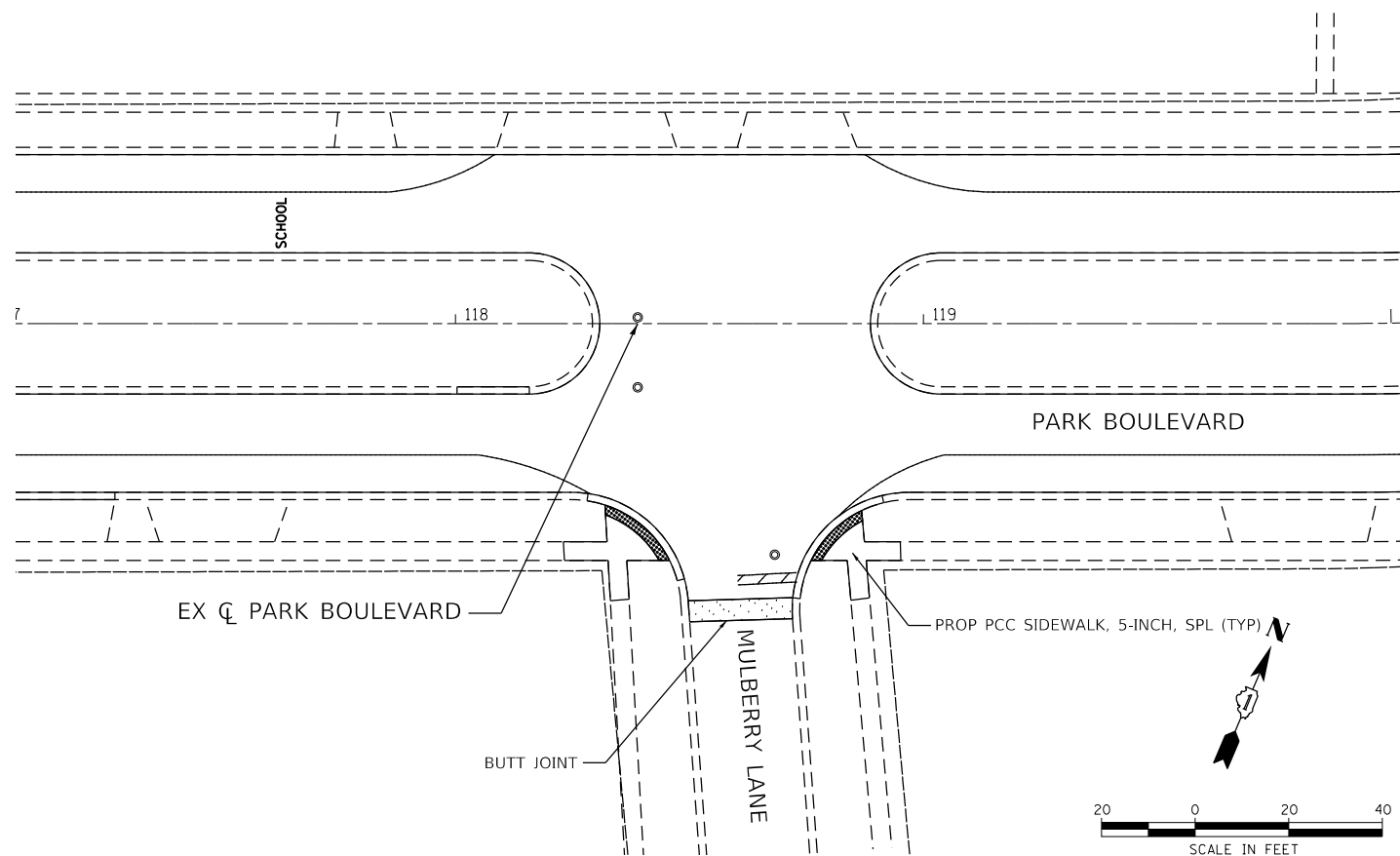


USER NAME = dstencz	DESIGNED - JRM	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE =	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION PLAN
PARK BOULEVARD
 SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	17
CONTRACT NO. 61G09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



HRG PROJECT NO. 150515
 HRG PROJ. CONTACT:
 FILE NAME: 150515-1717-17-17-17-17.dgn
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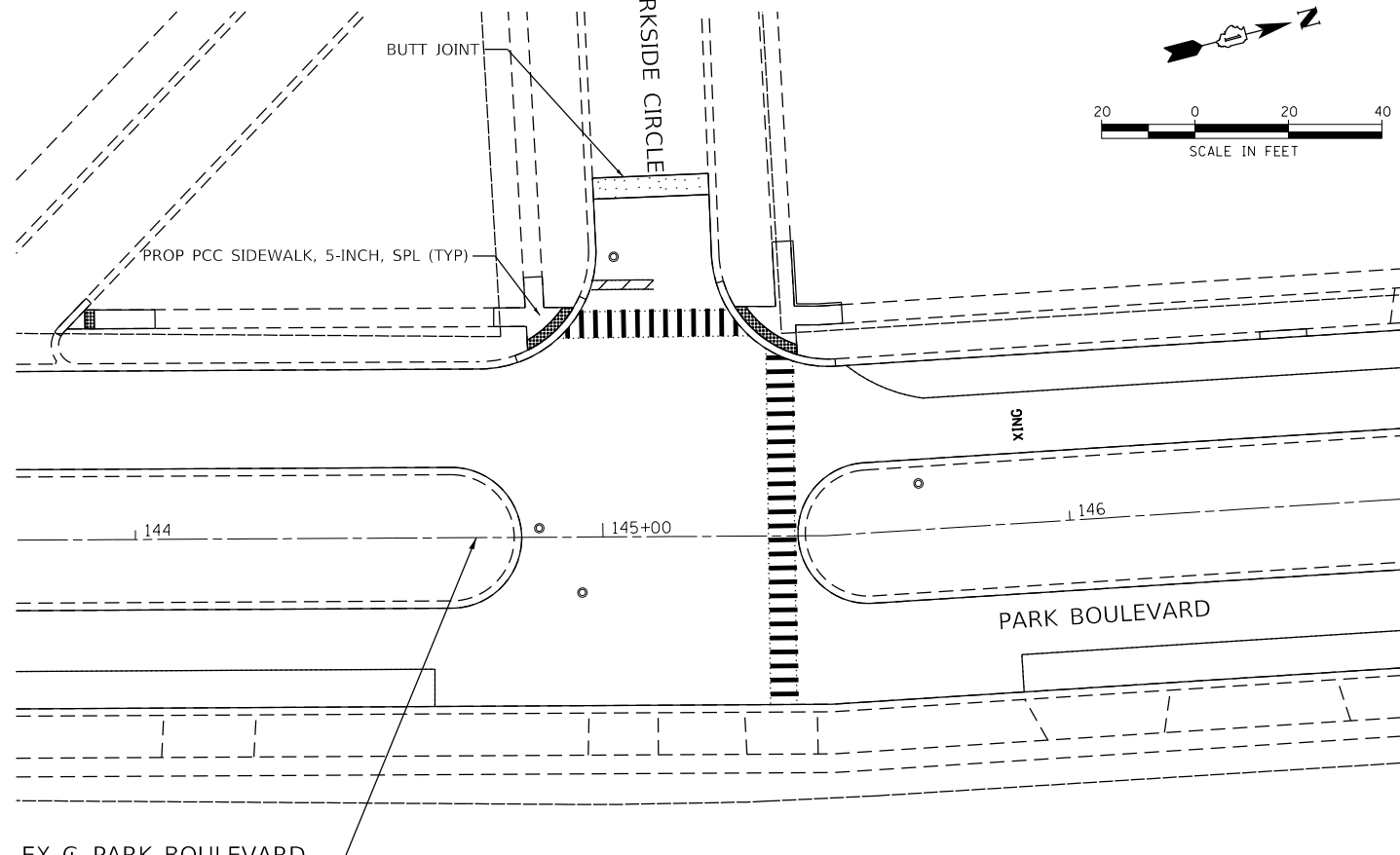
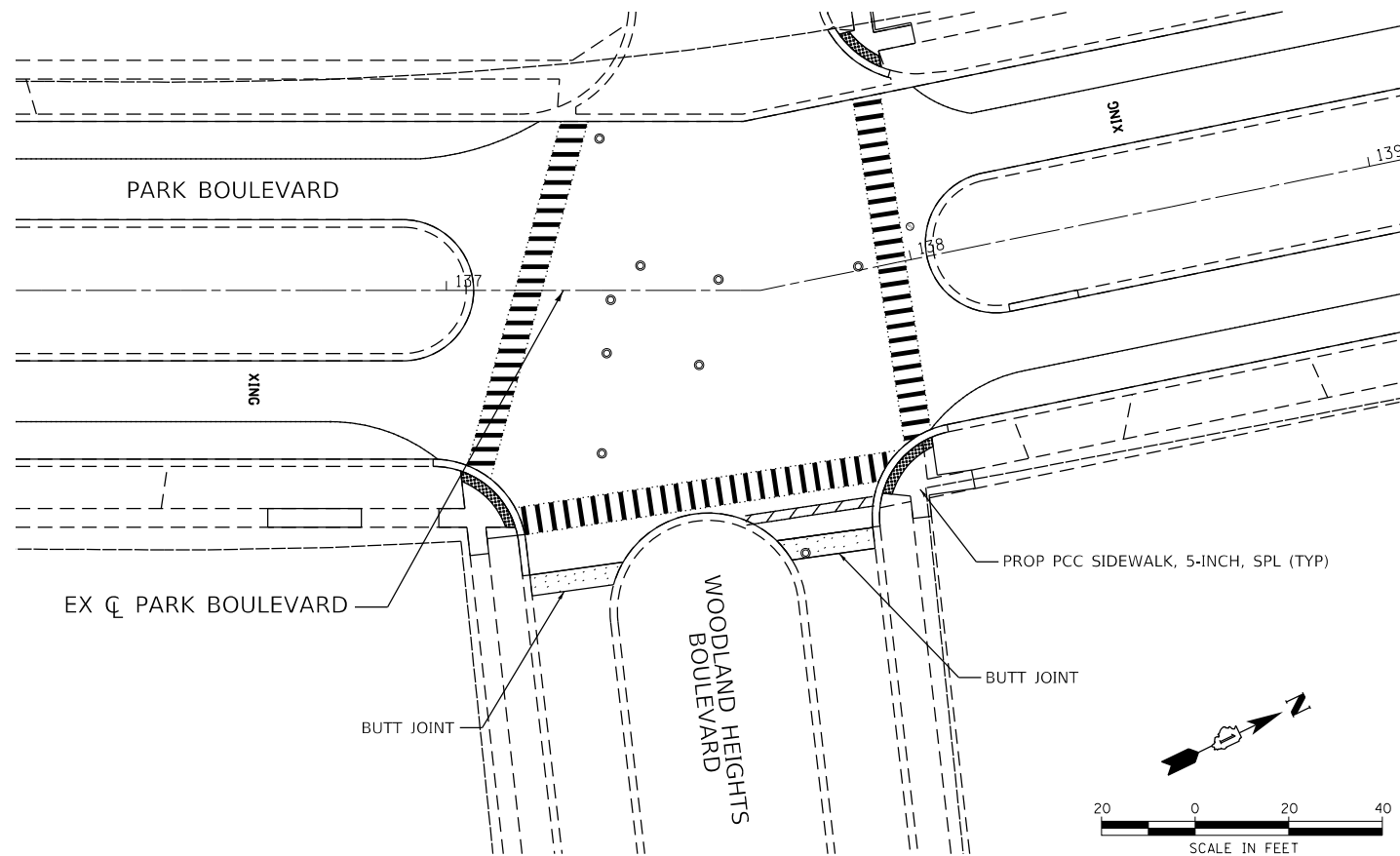
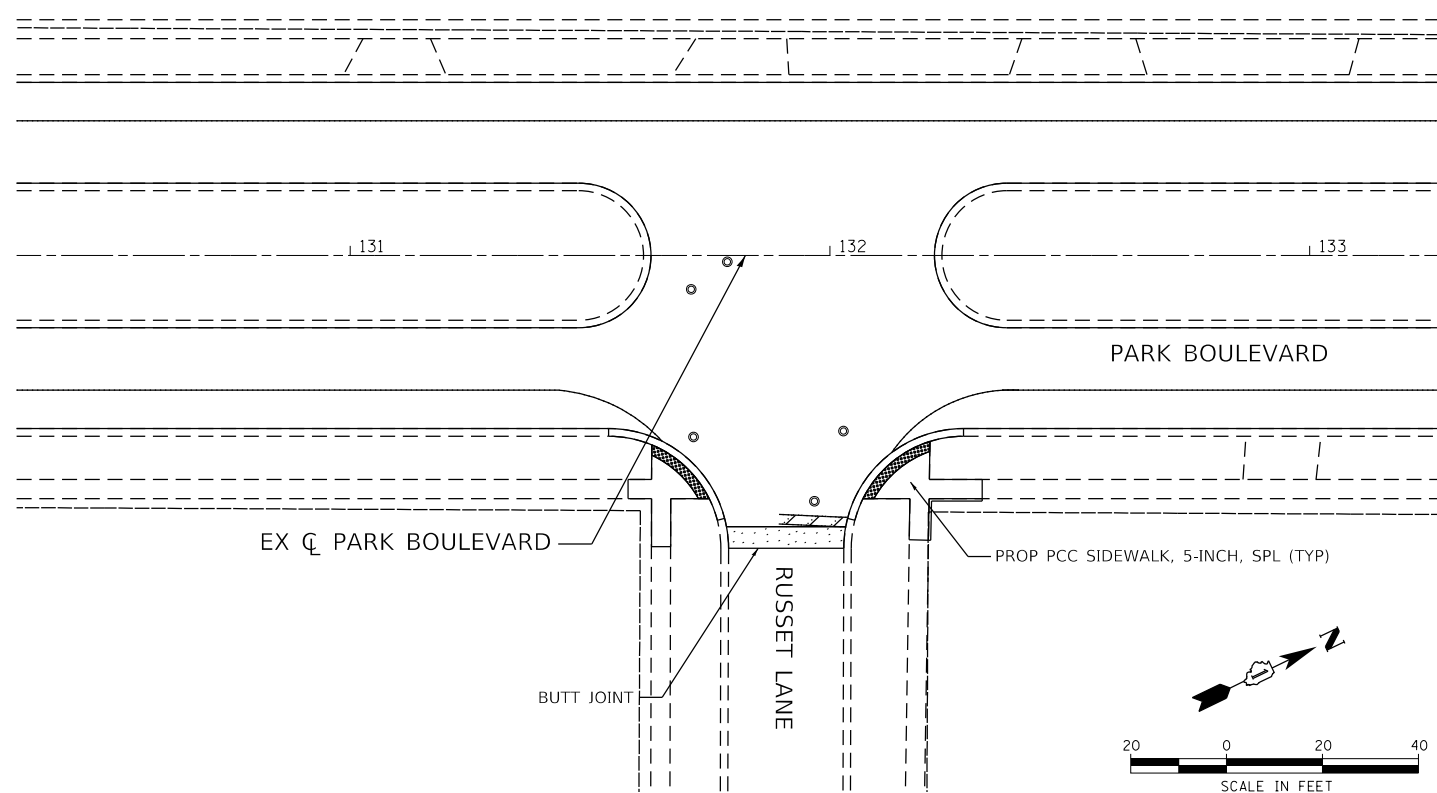
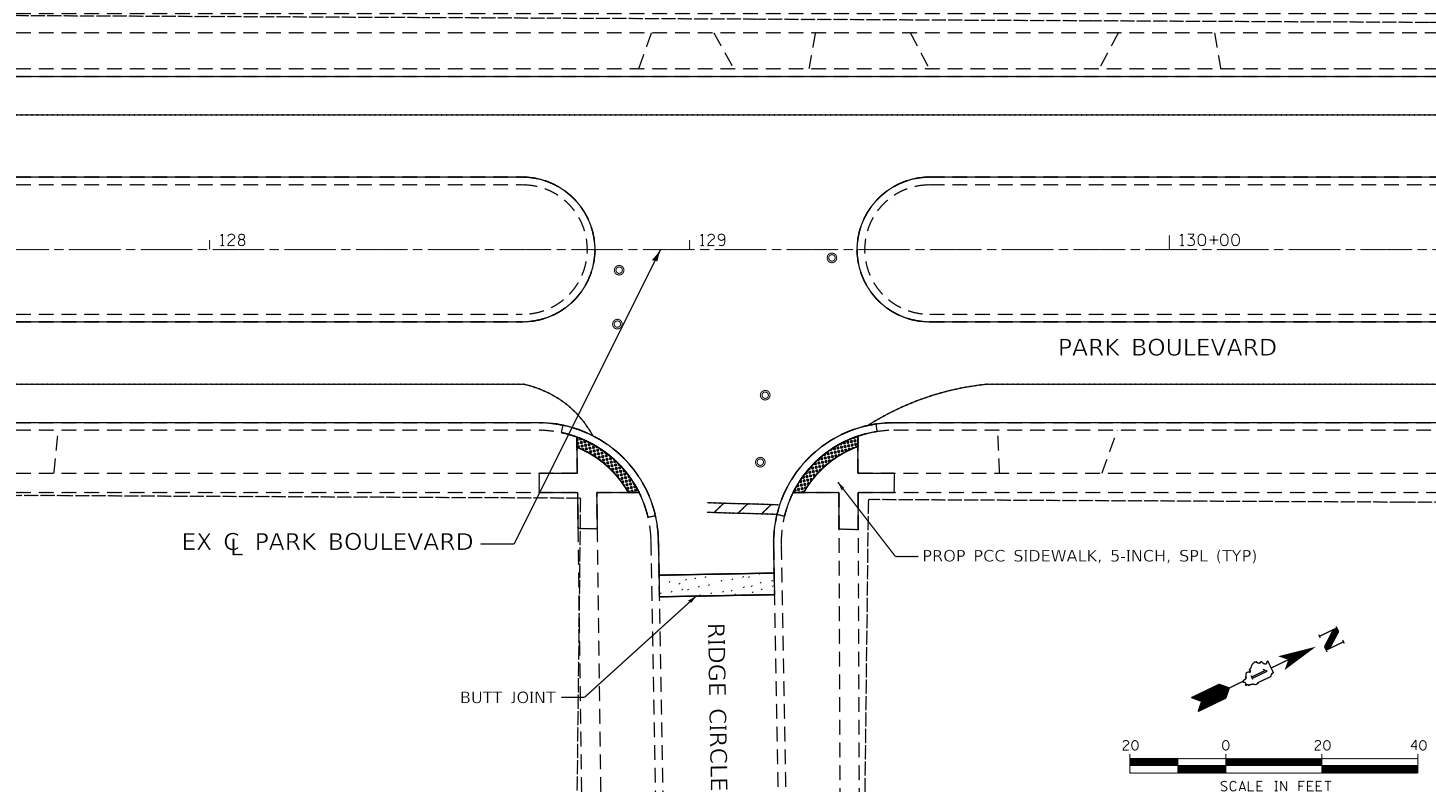


USER NAME = dstencz	DESIGNED - JRM	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE =	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION PLAN			
PARK BOULEVARD			
SCALE: 1"=20'	SHEET 3	OF 6 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	18
CONTRACT NO. 61G09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



HRG PROJECT NO.: 190515
 HRG PROJ. CONTACT:
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 PEN TABLE: 190515.tbl

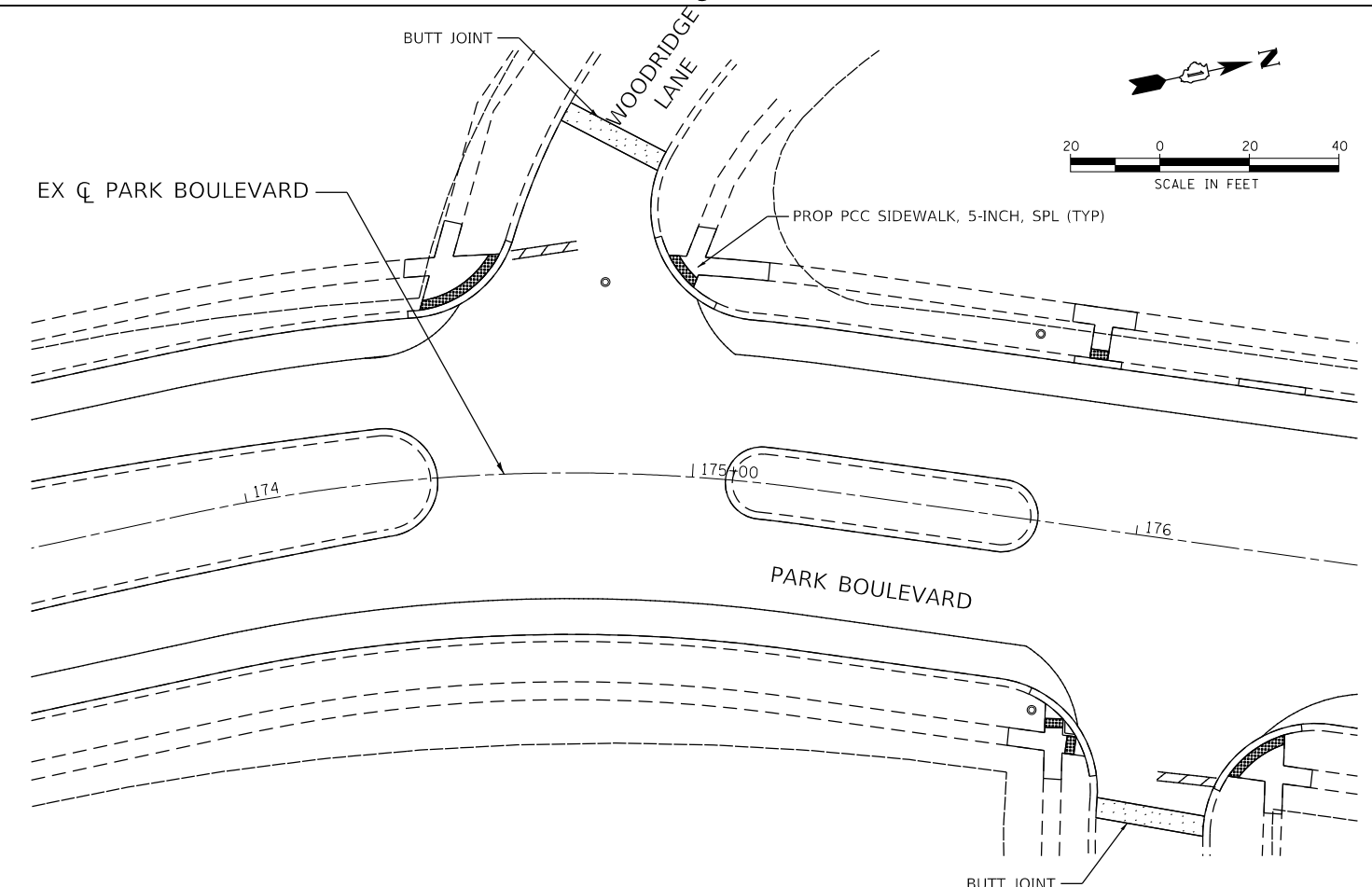
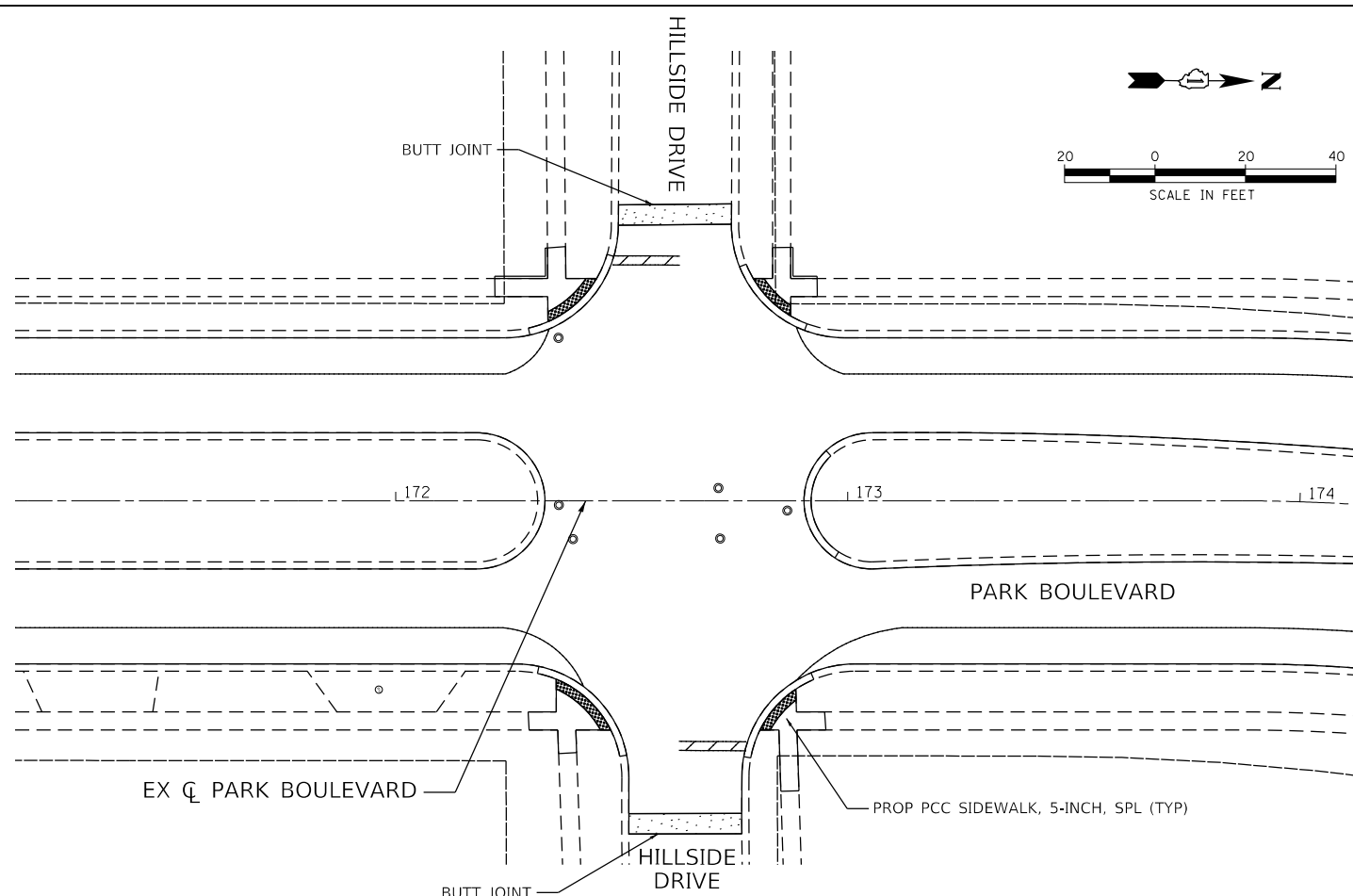
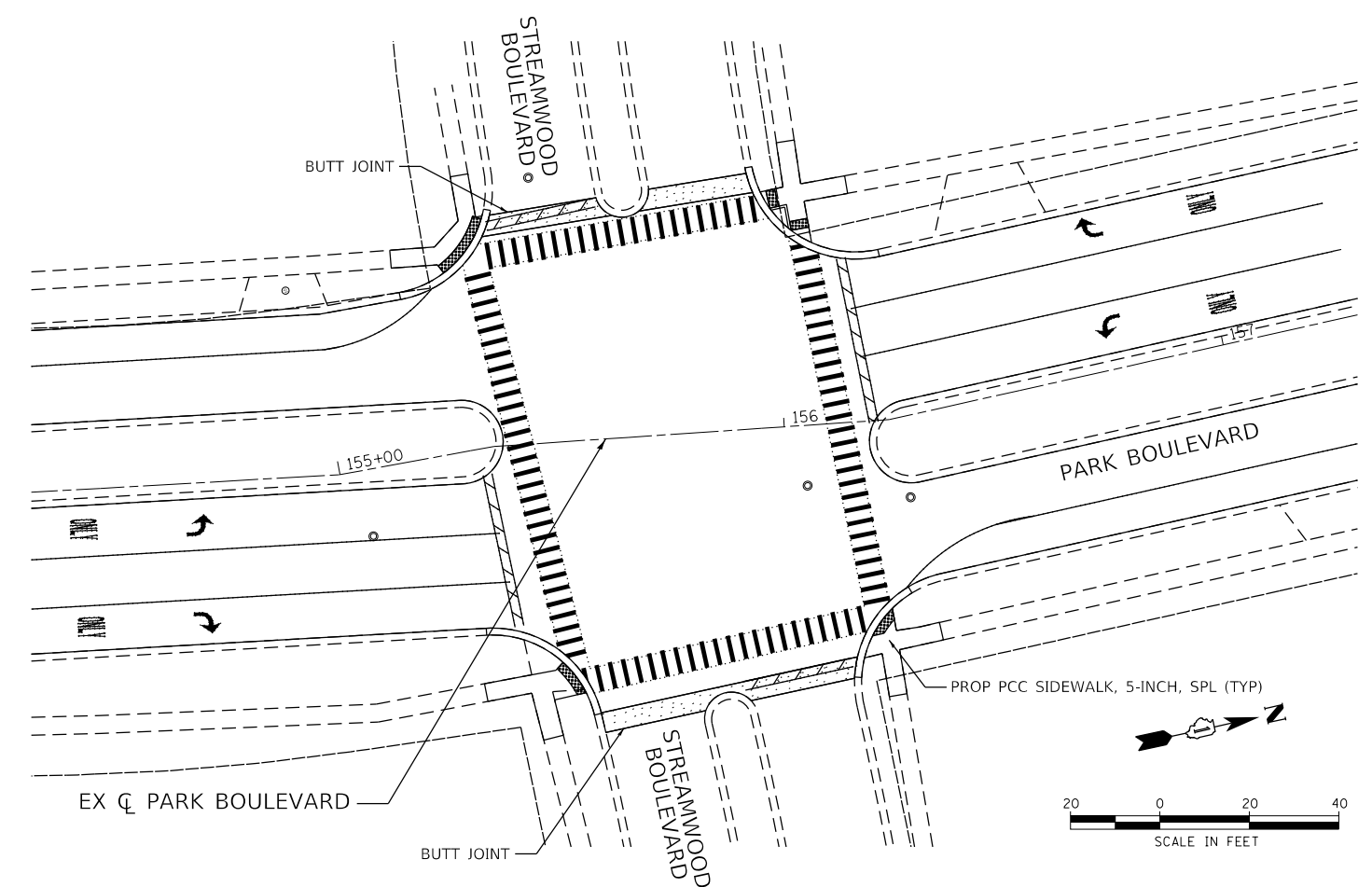
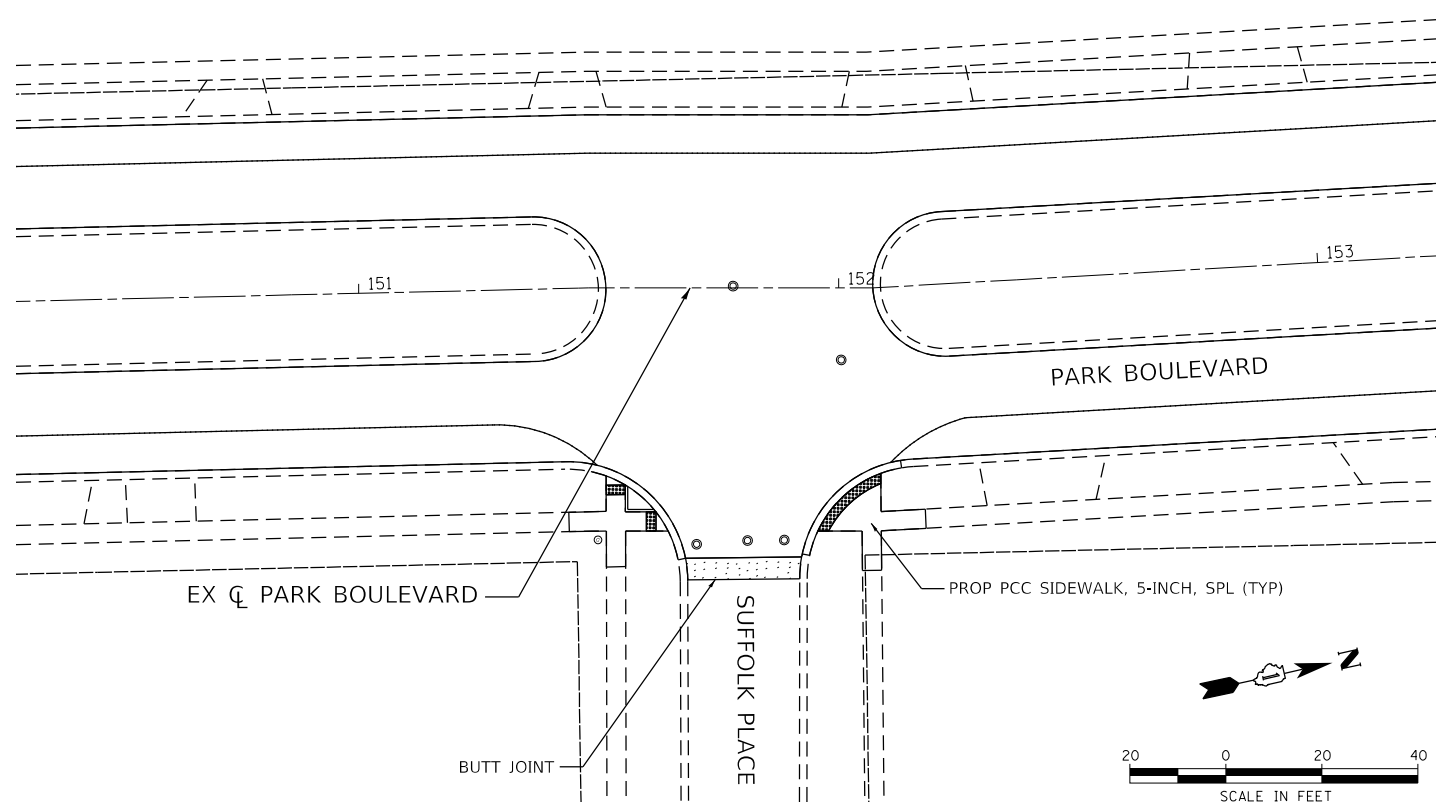


USER NAME = dstencz	DESIGNED - JRM	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE =	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION PLAN PARK BOULEVARD			
SCALE: 1"=20'	SHEET 4	OF 6 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	19
CONTRACT NO. 61G09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



HRG PROJECT NO. 19055
 HRG PROJ. CONTACT:
 FILE NAME: 19055-577-INT-05.dgn
 PEN TABLE: 19055.tbl



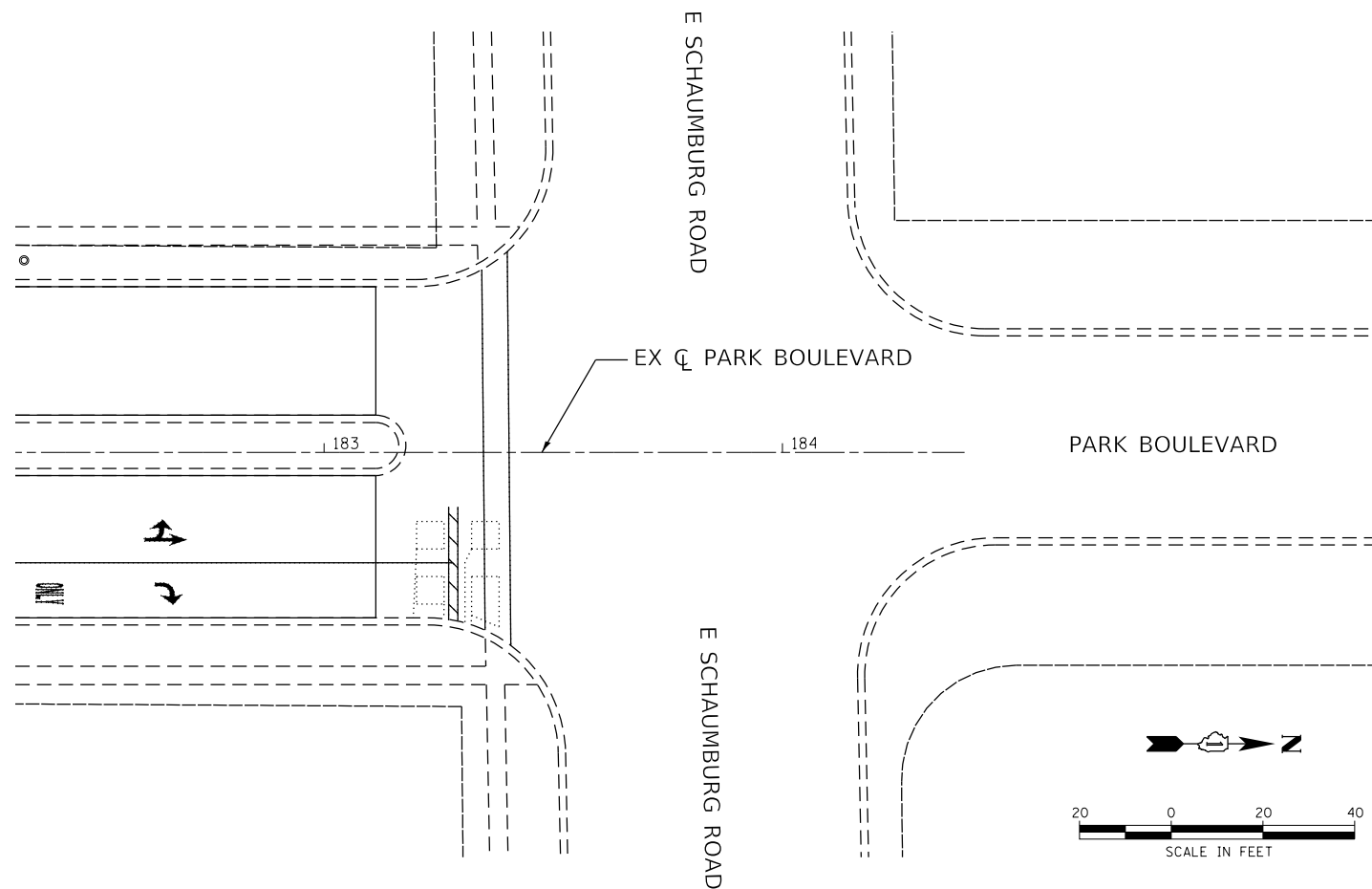
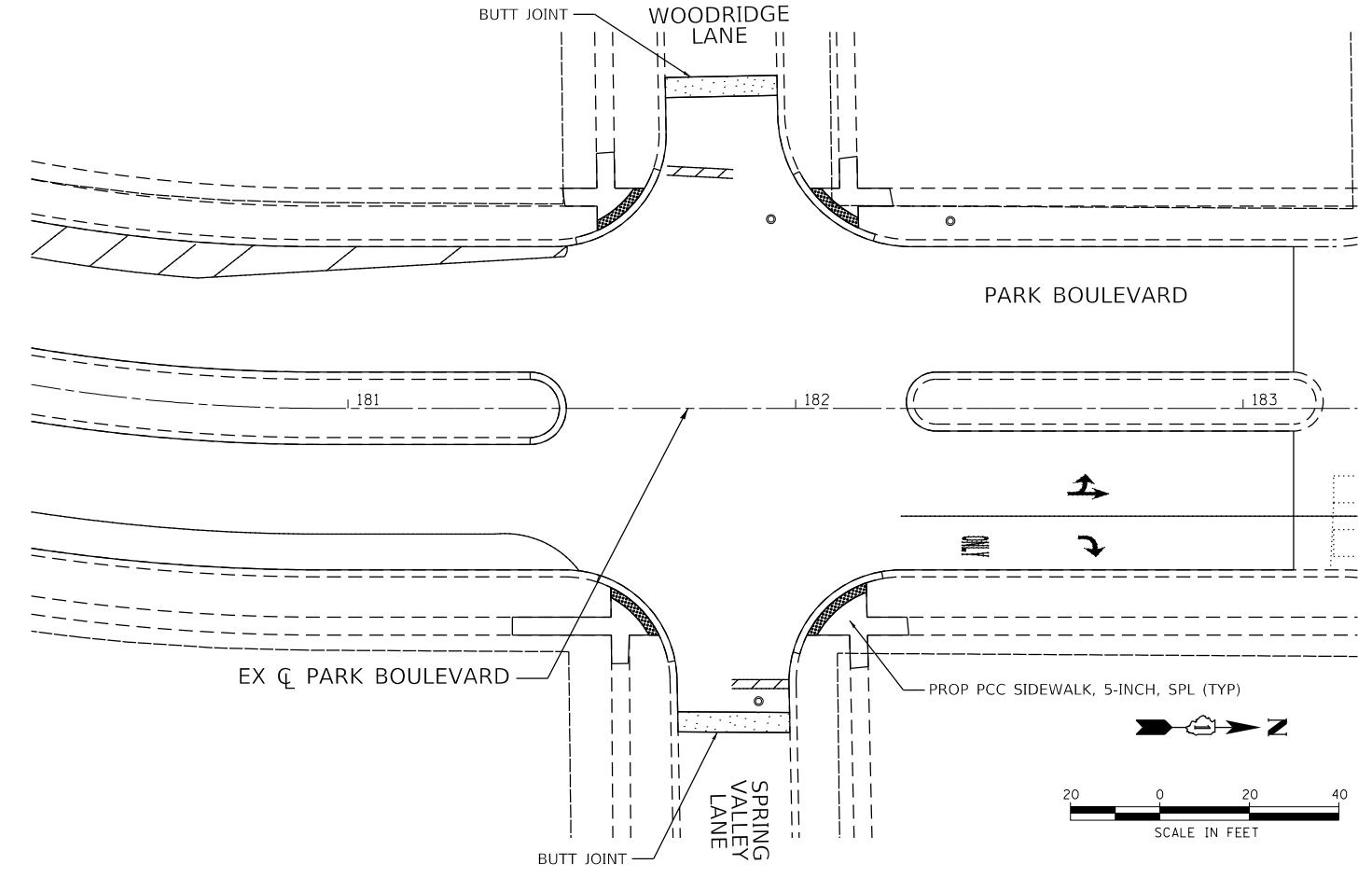
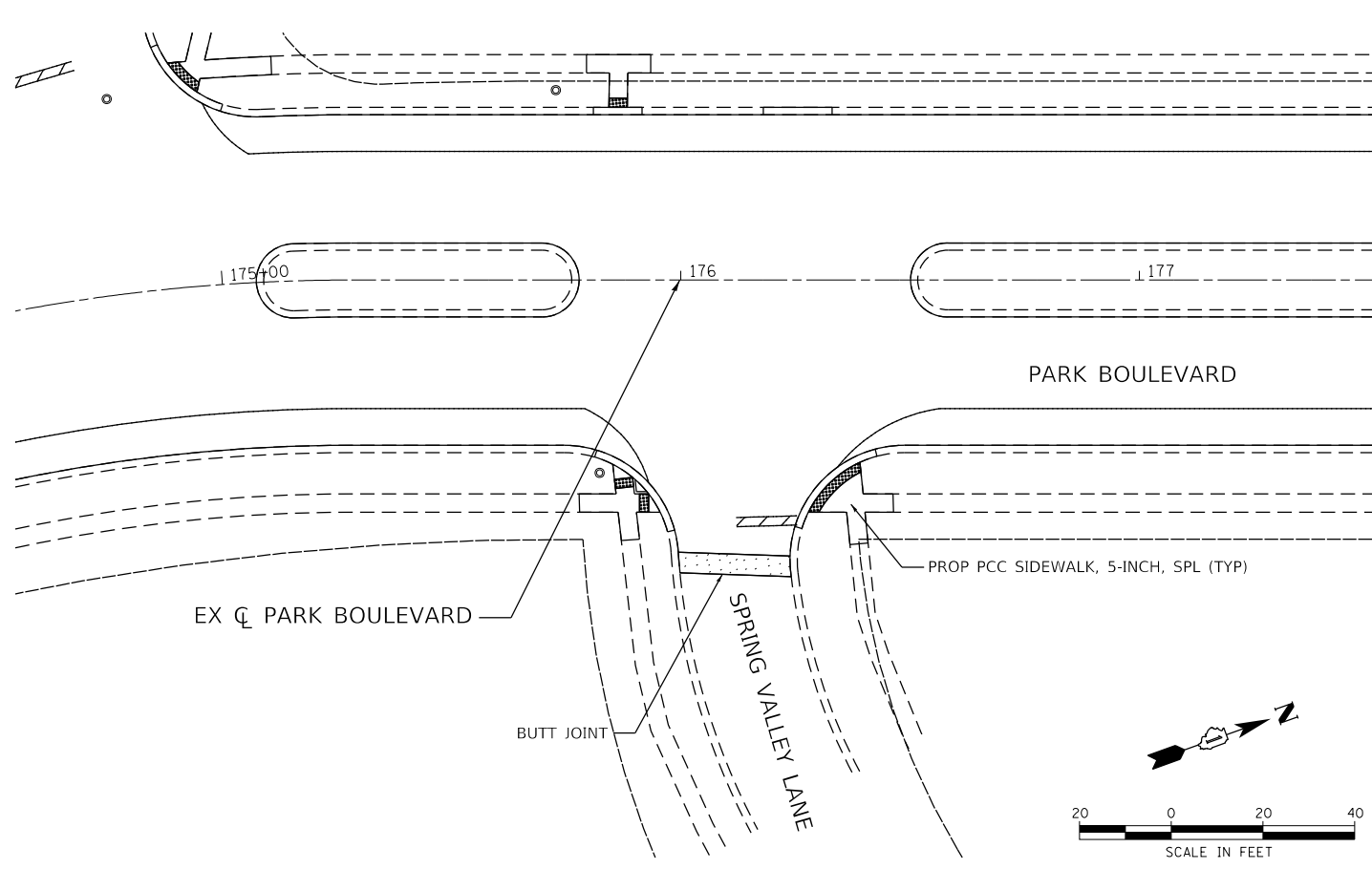
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PLOT DATE = 2/5/2021	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION PLAN
PARK BOULEVARD

SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	20
CONTRACT NO. 61G09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



HRG PROJECT NO.: 15055
 HRG PROJ. CONTACT:
 FILE NAME: 15055-577-11-106.dgn
 PEN TABLE: 15055.tbl



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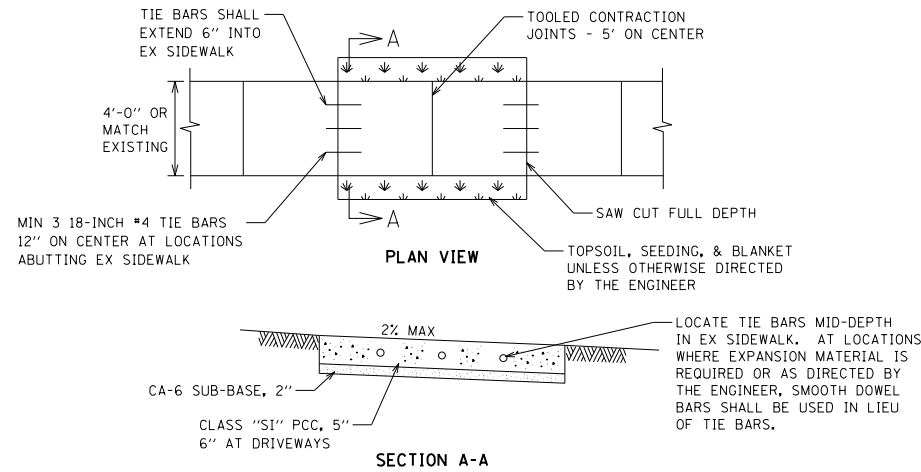
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION PLAN
PARK BOULEVARD

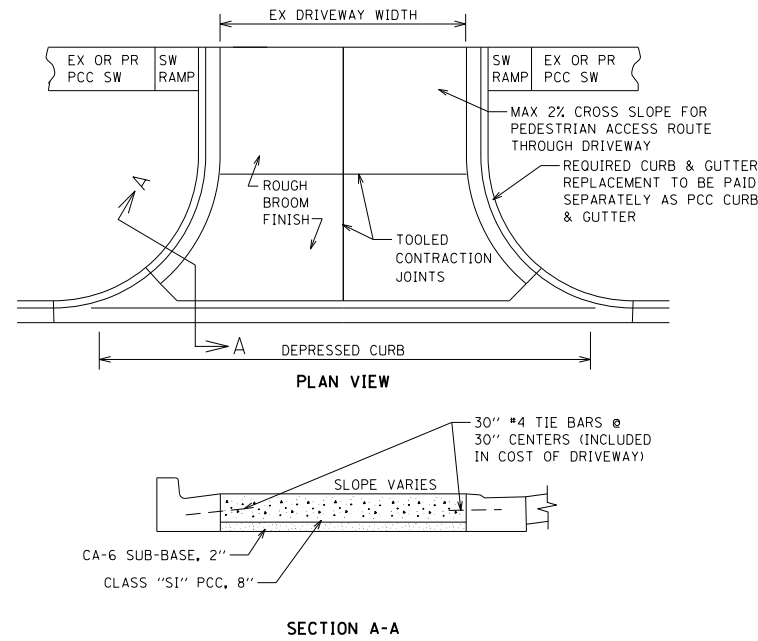
SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61G09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

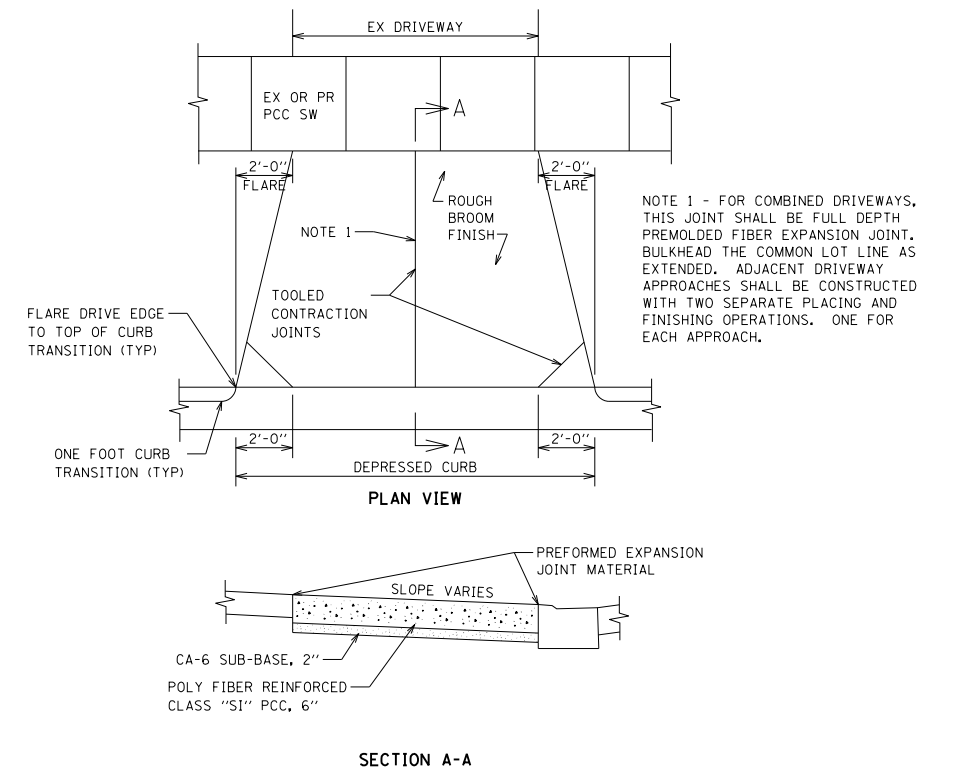
PCC SIDEWALK



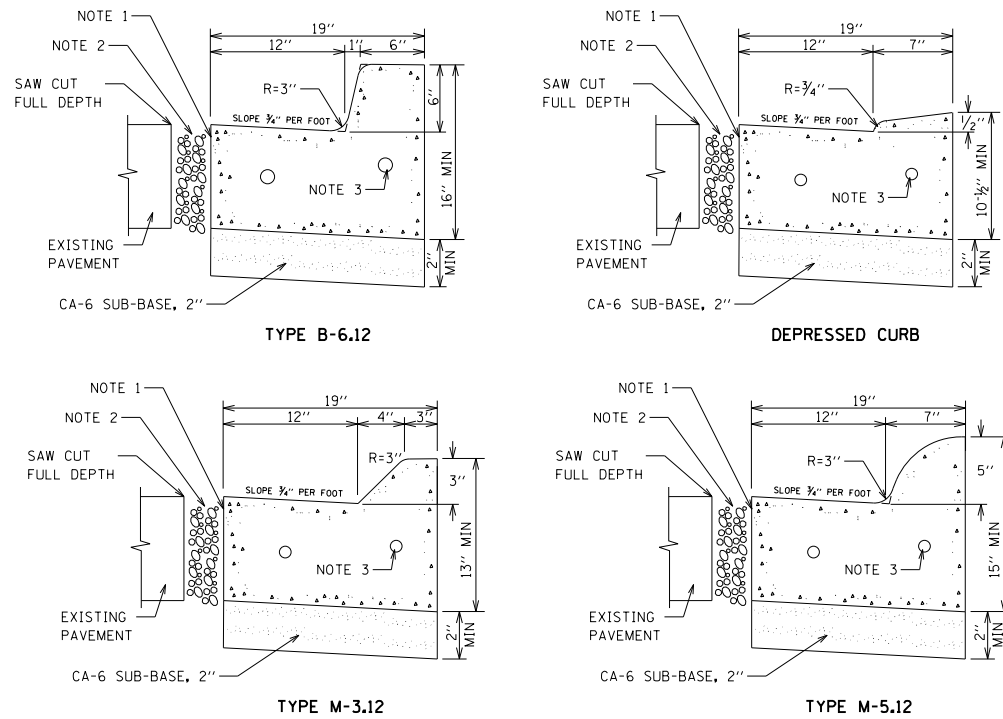
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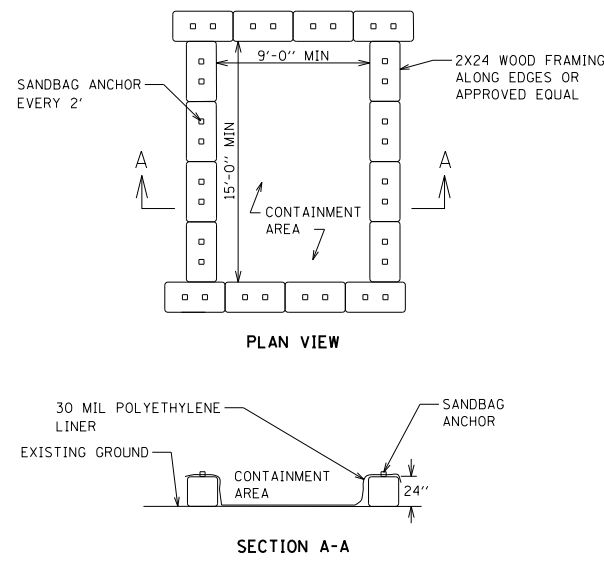
PCC DRIVEWAY, RESIDENTIAL



PCC CURB & GUTTER



CONCRETE WASHOUT AREA

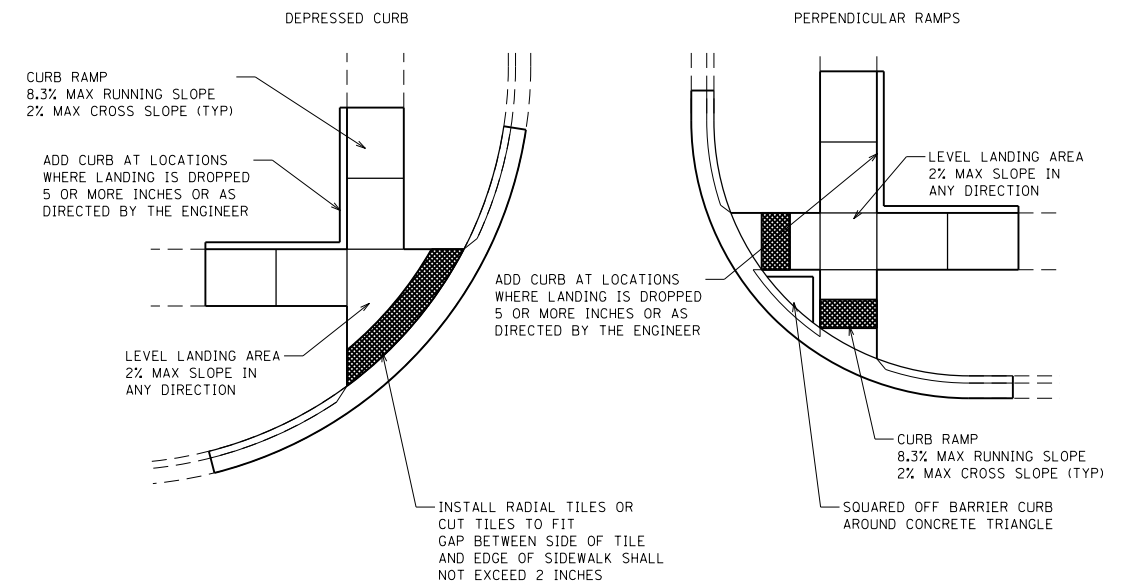


NOTES:

MAINTAINING WASHOUT FACILITY SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND SLURRY AND RETURNING THE FACILITY TO A FUNCTIONAL CONDITION

WASHOUT FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL

TYPICAL SIDEWALK CORNER REPLACEMENTS



HRG PROJECT NO. 190515
 HRG PROJ. CONTACT:
 FILE NAME: 190515-SW-def-VillageStreamwood.dgn
 PLOT DATE: 2/5/2021
 PEN TABLE: 190515.tbl



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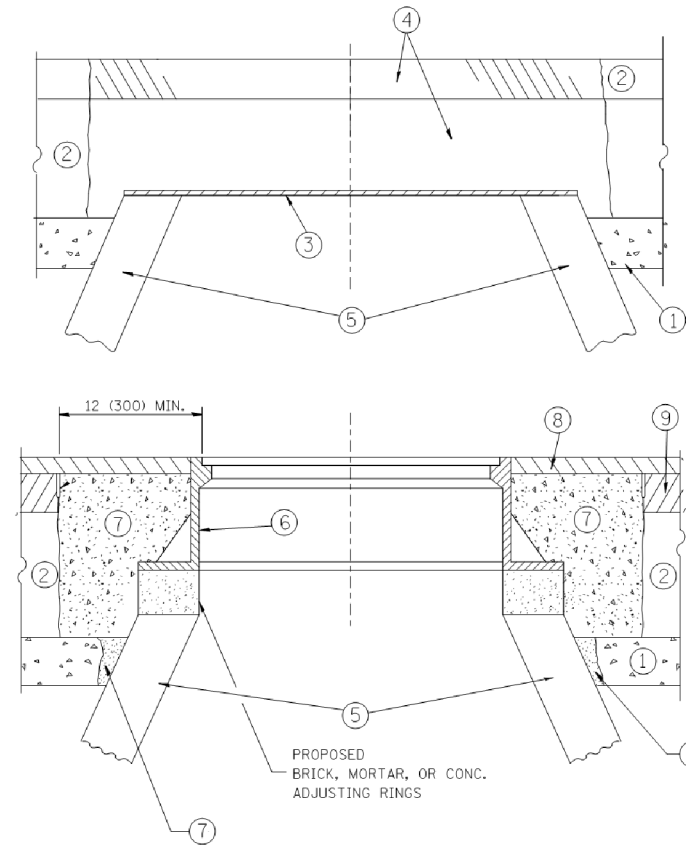
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

VILLAGE OF STREAMWOOD DETAILS
 PARK BOULEVARD

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. R.E.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	22
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G09	

COMPANY NAME: #COMPANY NAME#
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 DATE PLOTTED: 2/5/2021 9:34:18 AM
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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

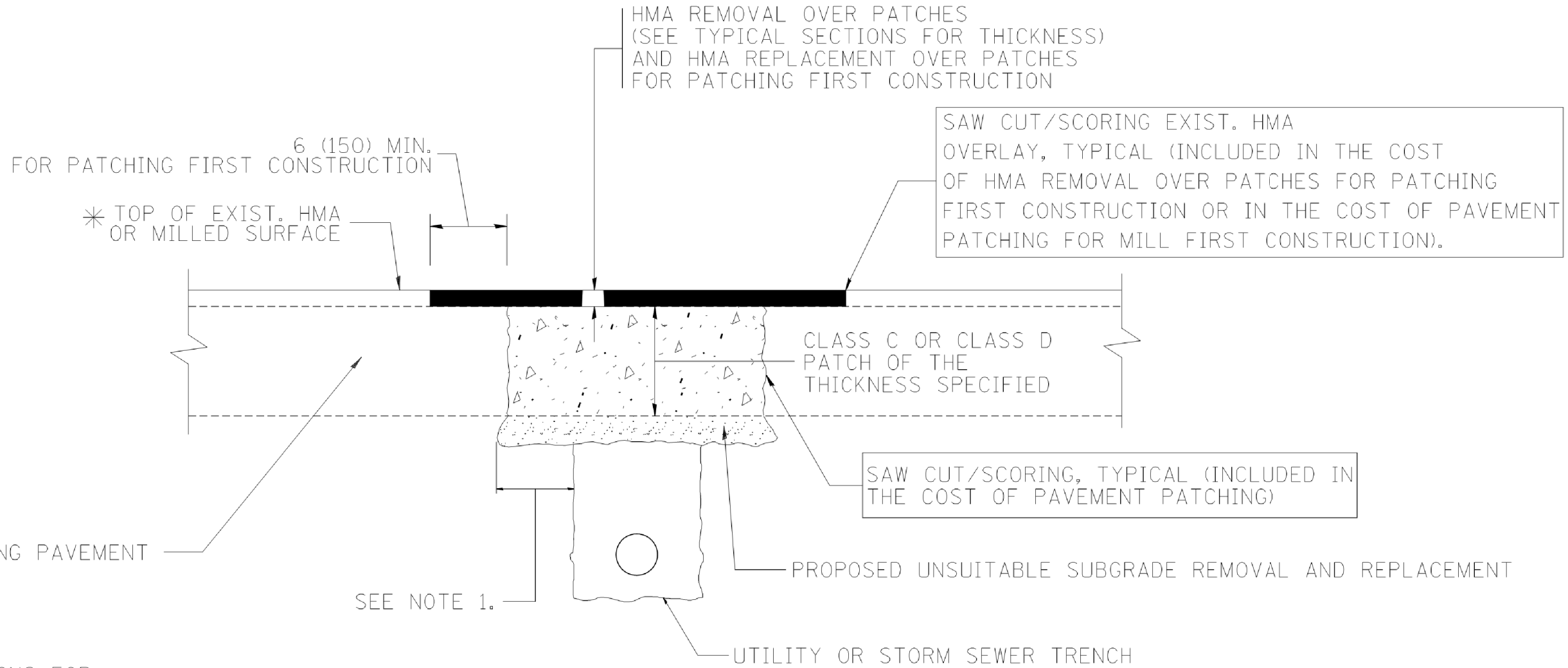
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		DATE - 10-25-94	REVISED - R. BORO 12-06-11

**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.
2958	15-00063-00-R5	COOK	30	23
BD600-03 (BD-8)		CONTRACT NO. 61G09		
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.

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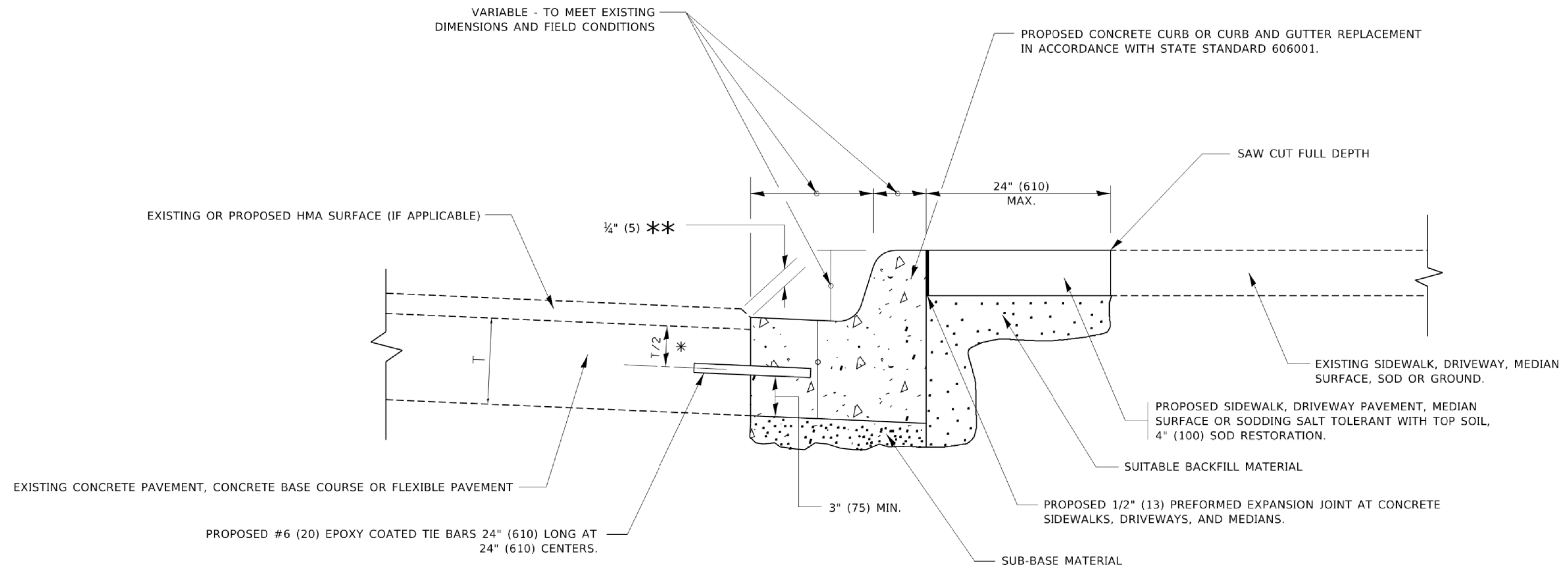
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		PLOT SCALE = 50.000 ' / IN.	REVISED - R. BORO 09-04-07
		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR
 HMA SURFACED PAVEMENT**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	24
BD400-04 (BD-22)			CONTRACT NO. 61G09	
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.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

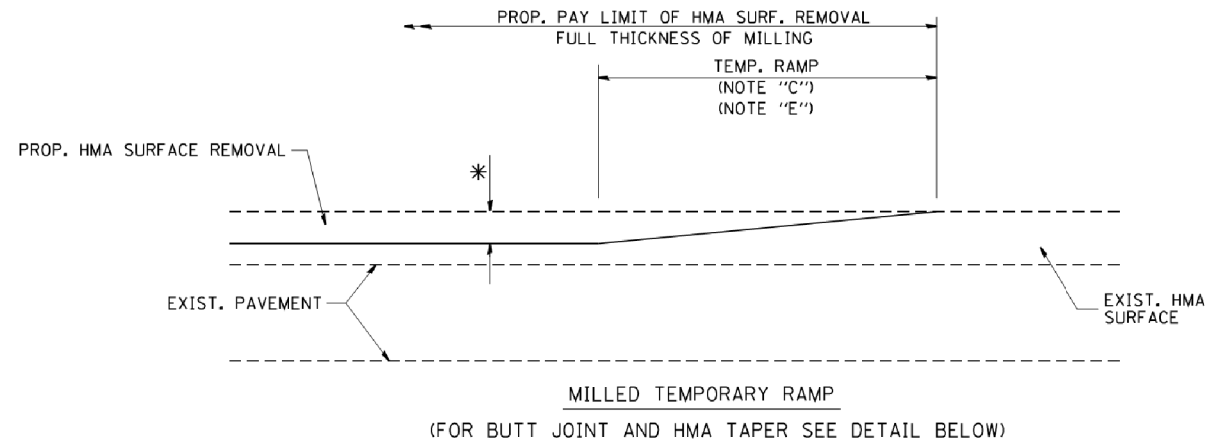
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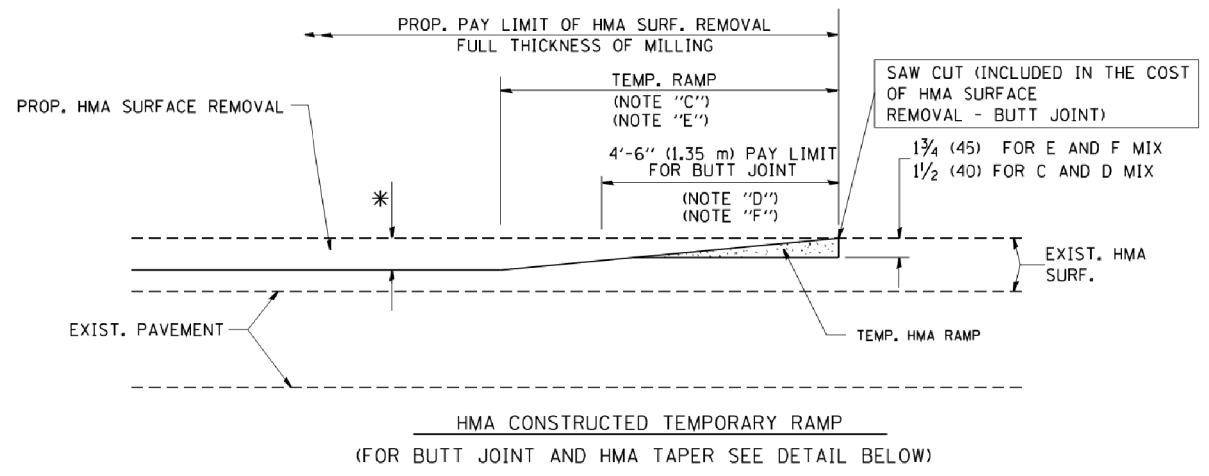
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

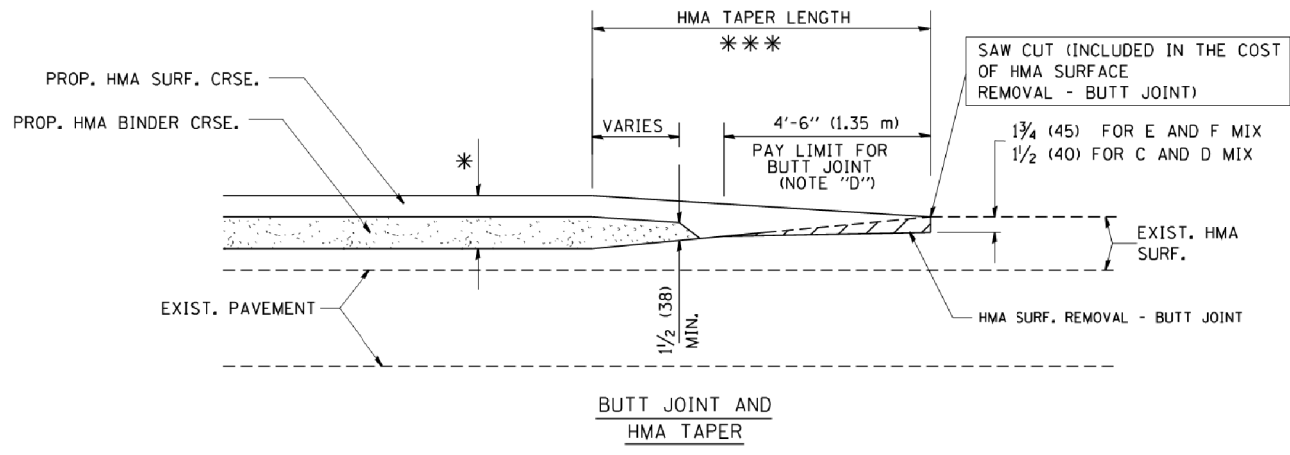
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BD600-06 (BD-24)			CONTRACT NO. 61G09	
ILLINOIS FED. AID PROJECT				



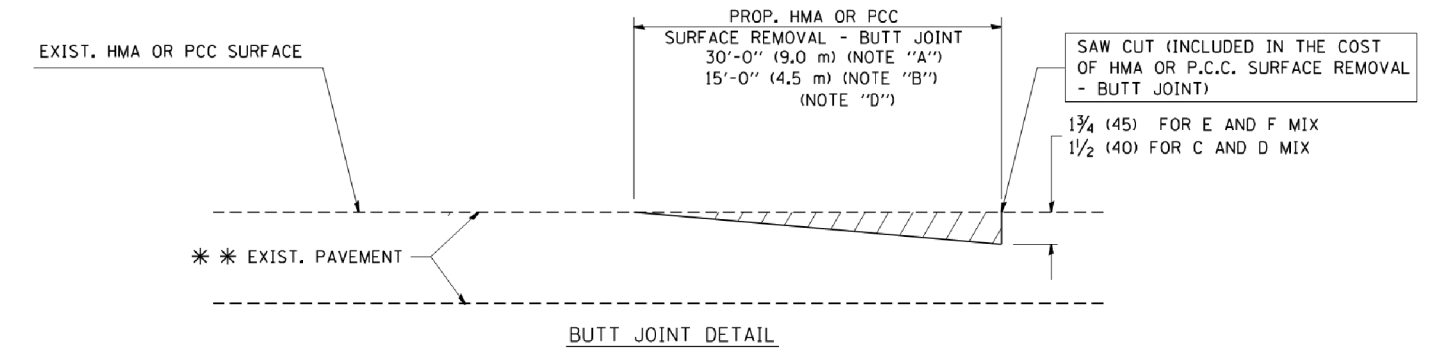
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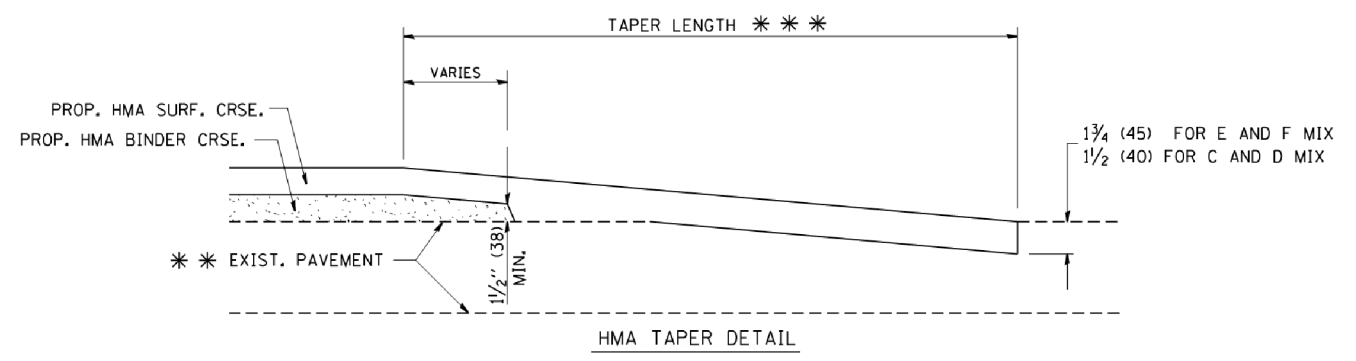
OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



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.

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PROJECT CONTACT: #PROJECT CONTACTS
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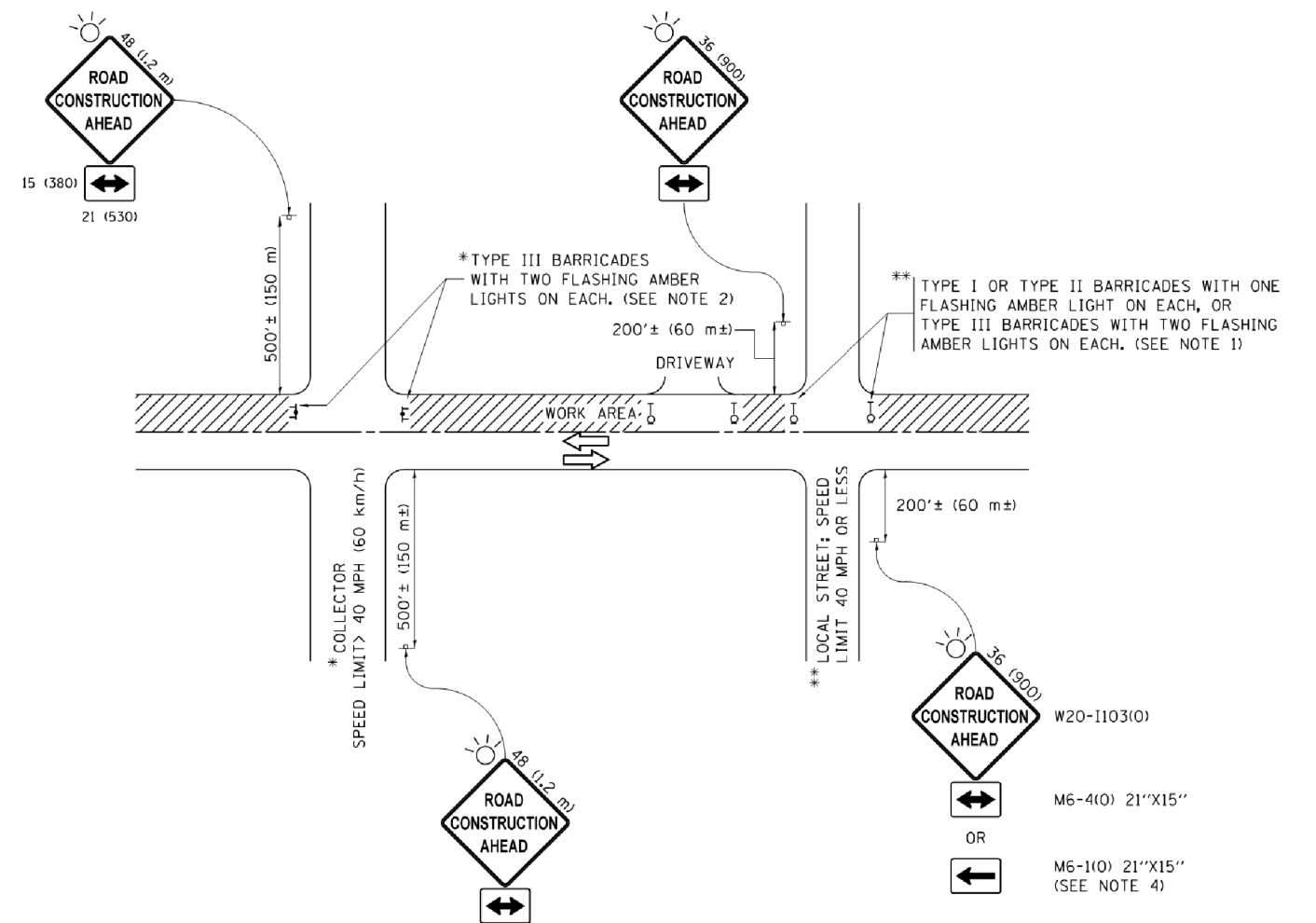
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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.
2958	15-00063-00-R5	COOK	30	26
BD400-05 BD32		CONTRACT NO. 61G09		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

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

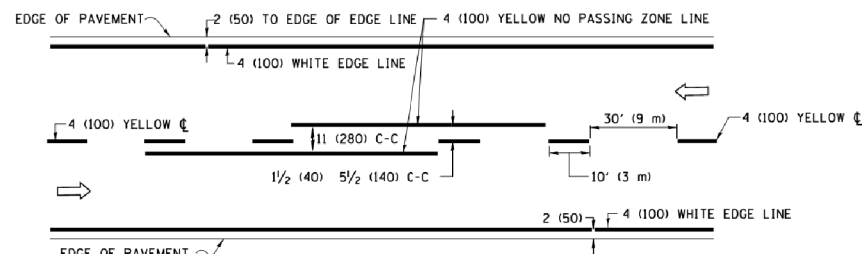
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

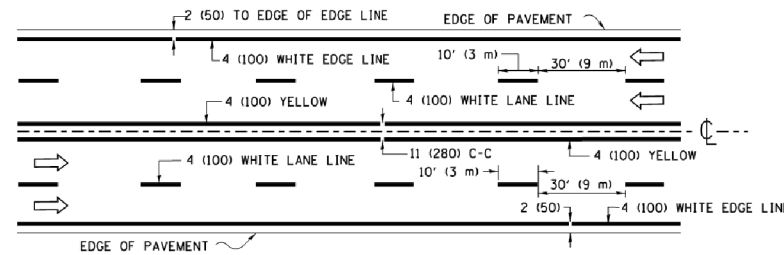
**TRAFFIC CONTROL AND PROTECTION FOR
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SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

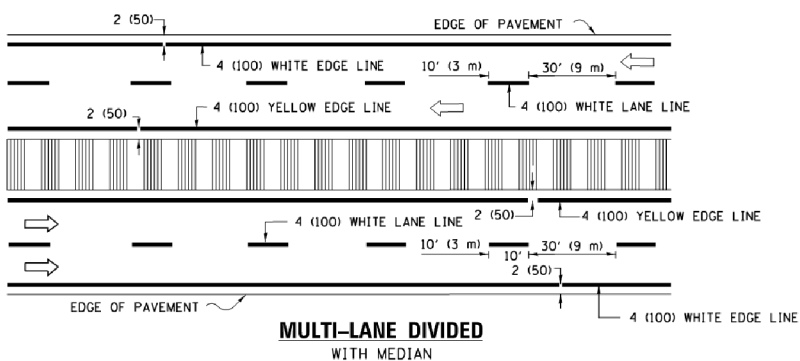
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2958	15-00063-00-R5	COOK	30	27
TC-10			CONTRACT NO. 61G09	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

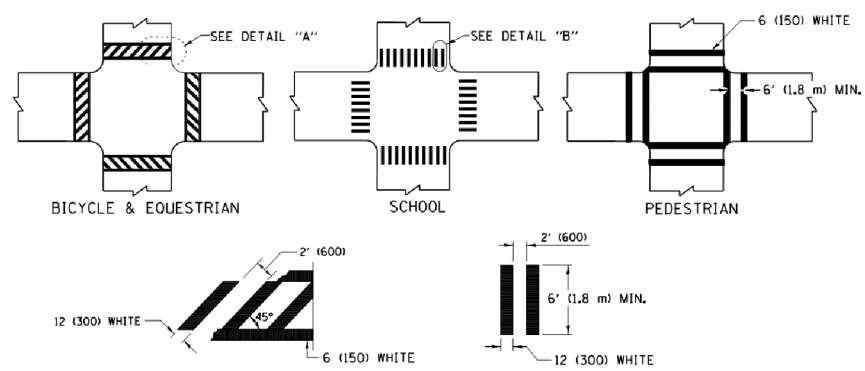


MULTI-LANE UNDIVIDED



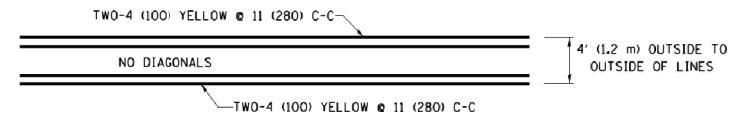
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

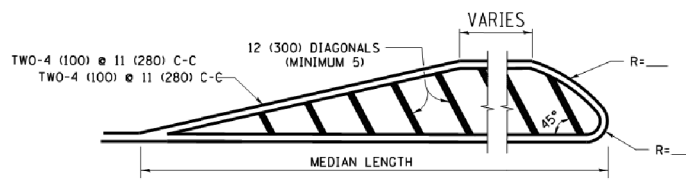


TYPICAL CROSSWALK MARKING

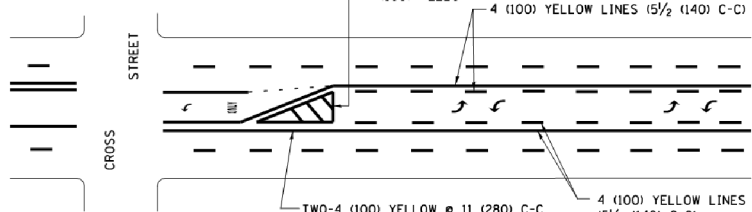
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



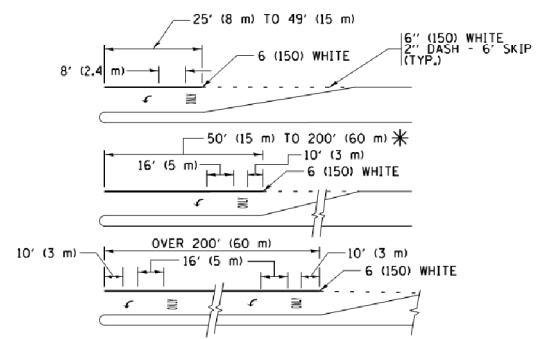
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



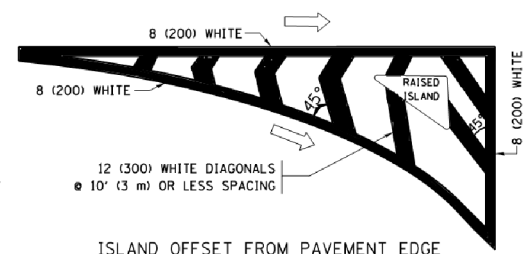
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



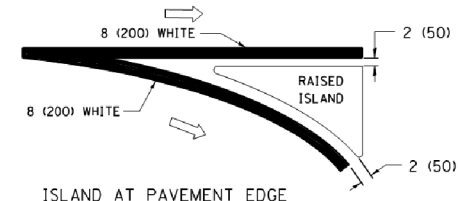
FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* 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".

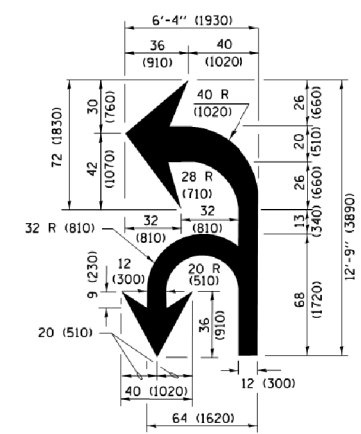
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



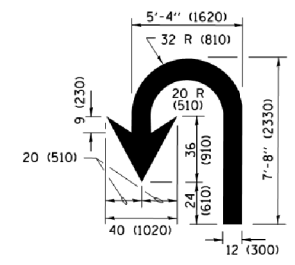
ISLAND OFFSET FROM PAVEMENT EDGE



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 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 (30 MPH (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: "RR"=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' (22.5 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.

COMPANY NAME: 30 COMPANY NAMES
PROJECT CONTACT: 30 PROJECT CONTACTS
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FILE NAME: 190515-srt-dst-rc13.dgn
PLOT DRIVER: ILpdf.plt
PEN TABLE: plc-table.tbl

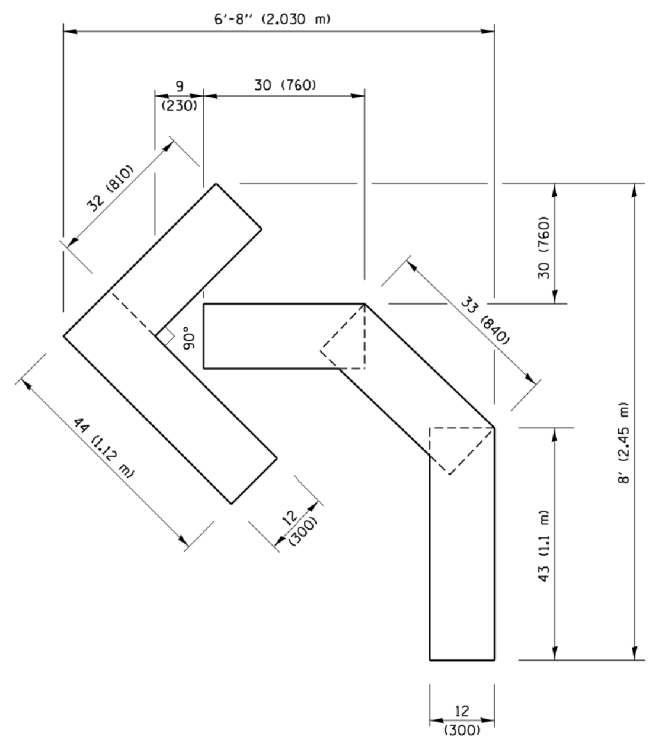
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	PLOT DATE = 4/13/2016	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

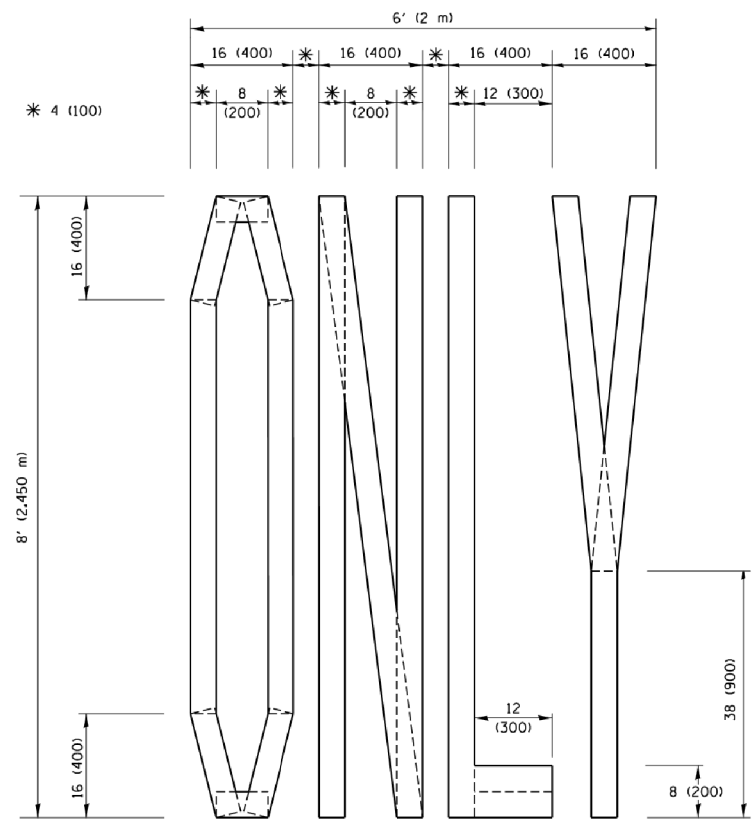
DISTRICT ONE TYPICAL PAVEMENT MARKINGS

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

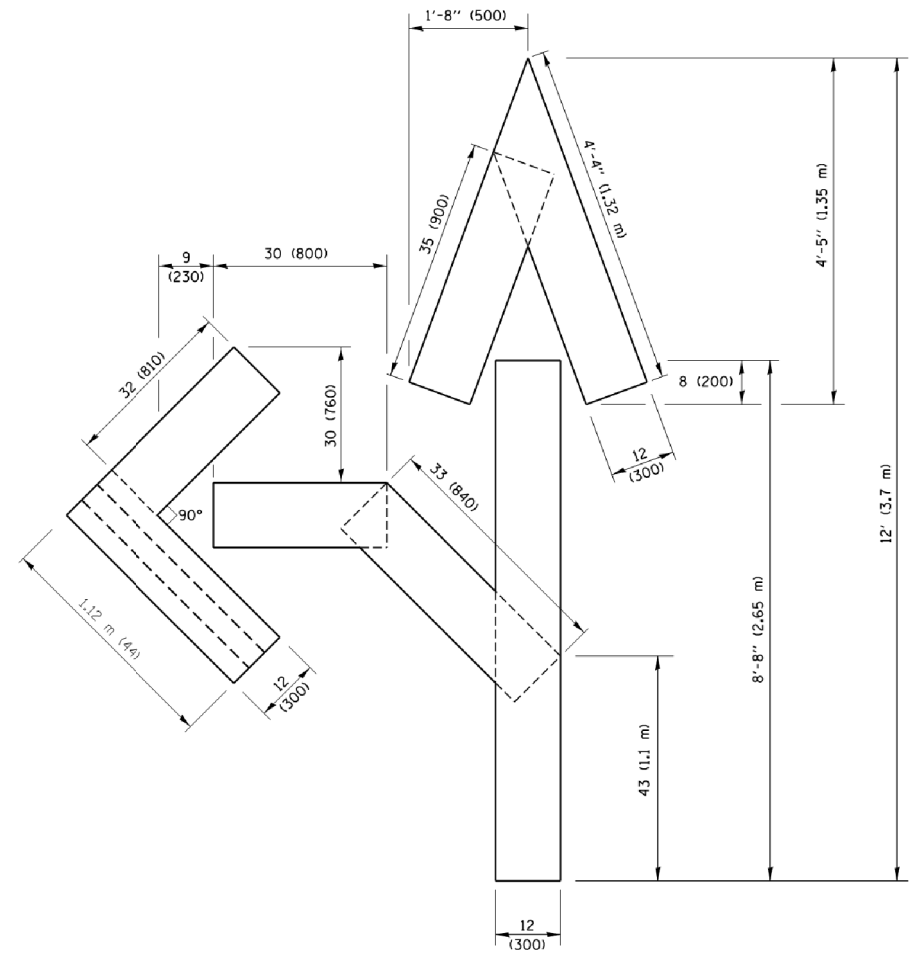
F.A.U R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	28
TC-13		CONTRACT NO.	61G09	
ILLINOIS FED. AID PROJECT				



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

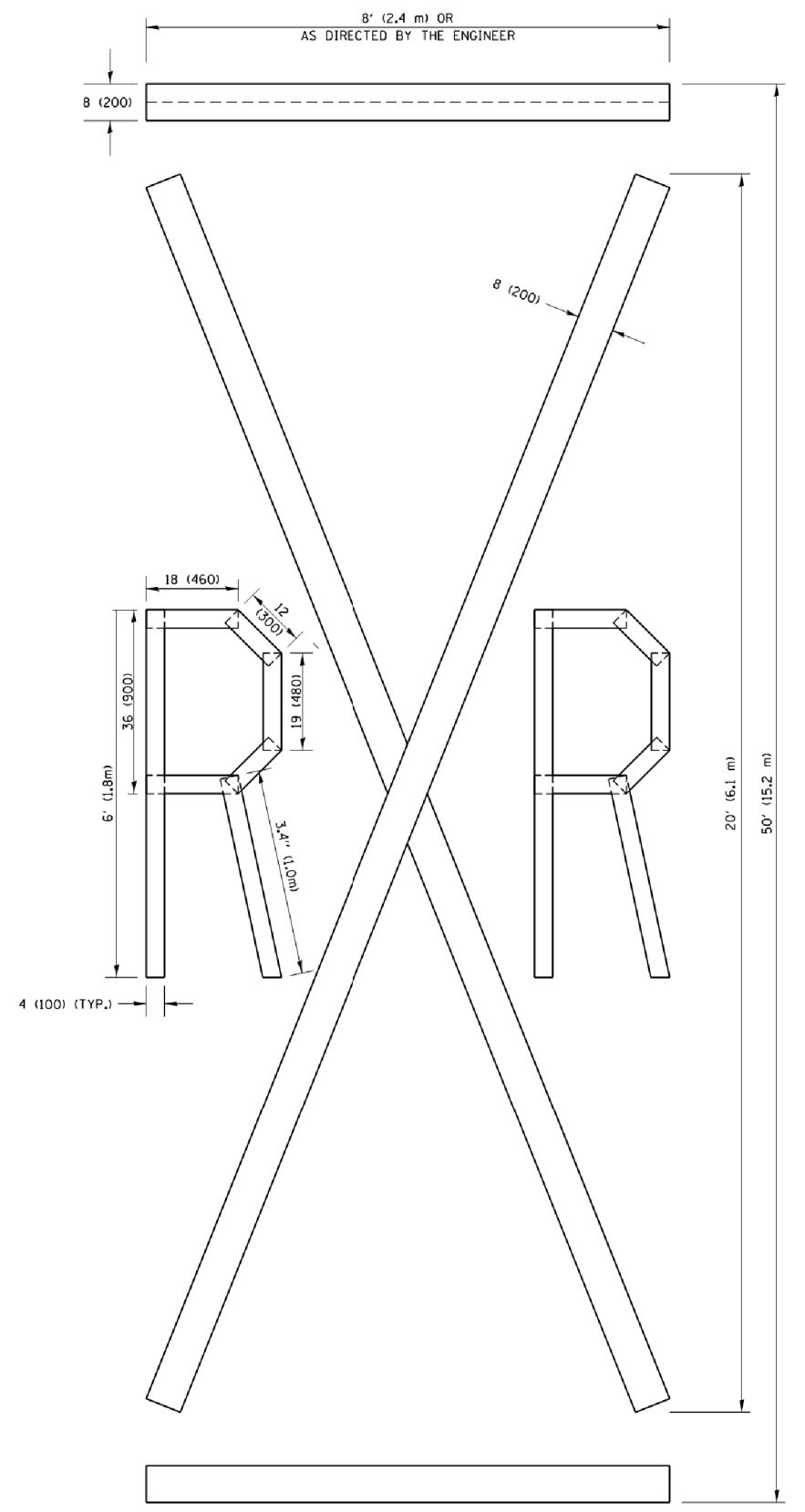


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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.

COMPANY NAME: *COMPANY NAME*
 PROJECT CONTACT: *PROJECT CONTACT*
 DATE PLOTTED: 2/5/2016 9:35:30 AM
 FILE NAME: 190515-shr-dst-1c16.dgn
 PLOT DRIVER: ILpdf.bwplotterq
 PEN TABLE: plotabel.tbl

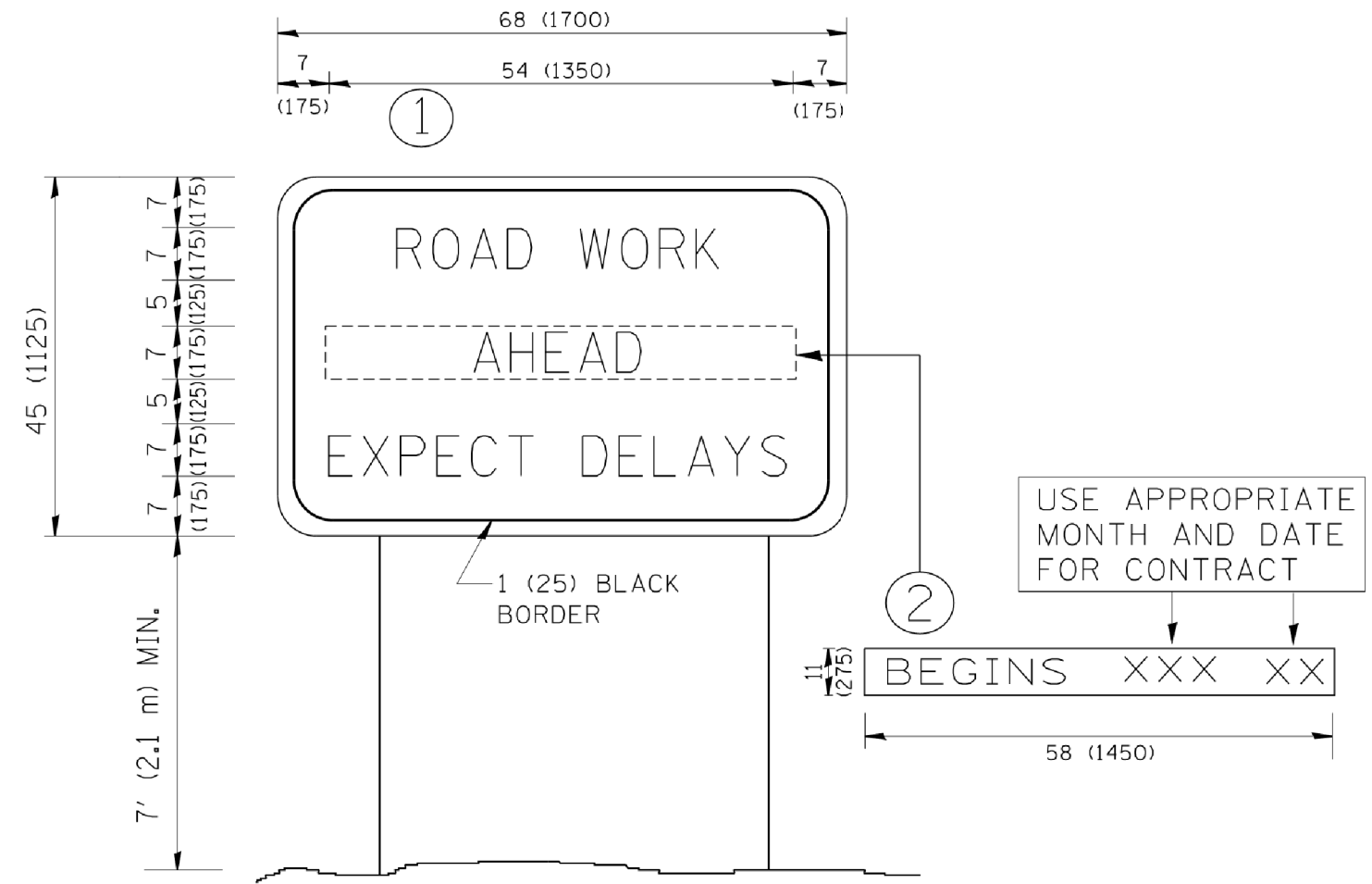
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PLOT SCALE = 50.0000 / in.		CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016		DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**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.
2958	15-00063-00-R5	COOK	30	29
TC-16			CONTRACT NO. 61G09	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

COMPANY NAME: *COMPANY NAME*
 PROJECT CONTACT: *PROJECT CONTACT*
 DATE PLOTTED: 2/5/2008 9:35:43 AM
 FILE NAME: 190515-shr-det-1c22.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plotlabel.tbl



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 = gaglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97
W:\diststd\22x34\1c22.dgn		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2958	15-00063-00-R5	COOK	30	30
TC-22			CONTRACT NO. 61G09	
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				