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DISTRICT DETAILS

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GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOURS NOTIFICATION REQUIRED). THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNER OF ALL EXISTING UTILITY FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AND VILLAGE.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH VILLAGE OF WHEELING, UTILITY COMPANIES AND THE ENGINEER. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF WHEELING AT (847) 279-6903 A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON PUBLIC PROPERTY WITHOUT THE WRITTEN PERMISSION FROM THE ENGINEER.
- THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE RIGHT-OF-WAY OF ANY STREET AND/OR PARK PROPERTY SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE 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.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES WHERE THE SPEED IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1V:3H.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING AND AT CROSS STREETS (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL VERIFY THAT ALL CRACKS, JOINTS, AND FLANGEWAYS ARE CLEAN AND DRY PRIOR TO PLACEMENT OF MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS.
- PRIOR TO APPLYING HOT-MIX ASPHALT TACK COAT, THE BASE SURFACE INCLUDING GUTTERS SHALL BE CLEANED OF LOOSE MATERIALS. ALL CRACK FILL MATERIAL SHALL BE REMOVED IN ITS ENTIRETY ALONG THE CURB LINE.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKINGS LINES IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- PAVEMENT MARKING TAPE, TYPE IV, SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES, AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- 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 TO THE SATISFACTION OF THE ENGINEER.
- ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS, AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.
- THE CONTRACTOR SHALL MAKE FULL DEPTH SAW CUTS AT THE EDGE OF PAVEMENT ADJACENT TO THE REMOVAL OF ALL COMBINATION CURB AND GUTTER. THE CONTRACTOR SHALL MAKE ALL FULL DEPTH SAW CUTS REQUIRED FOR THE REMOVAL OF CONCRETE CURB AND GUTTERS, OR AS DIRECTED BY THE ENGINEER.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF CURB OR 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 TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER. DEBRIS AND SURPLUS MATERIAL SHALL BE REMOVED AND RESTORATION SHALL PROCEED AS THE WORK PROCEEDS. IF THE ENGINEER SO DIRECTS, THE CONTRACTOR SHALL STOP ALL OTHER WORK AND CONCENTRATE ON CLEAN-UP AND RESTORATION. DEBRIS AND SURPLUS MATERIAL SHALL BE DISPOSED BY THE CONTRACTOR OFF-SITE.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

COMMITMENTS

NO COMMITMENTS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHGATE PARKWAY
GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1001	21-00091-00-R5	COOK	23	2
CONTRACT NO. 61J59				
SCALE:		SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT

ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				75% FEDERAL 25% LOCAL ROADWAY 0005 URBAN
20200100	EARTH EXCAVATION	CU YD	47	47
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	42	42
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	382	382
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25
25100630	EROSION CONTROL BLANKET	SQ YD	382	382
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	25	25
28000510	INLET FILTERS	EACH	34	34
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	421	421
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14,213	14,213
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10	10
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	215	215
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	869	869
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	2,358	2,358
42001300	PROTECTIVE COAT	SQ YD	664	664
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	50	50
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3,790	3,790
42400800	DETECTABLE WARNINGS	SQ FT	165	165
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	21,057	21,057
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	73	73
44000600	SIDEWALK REMOVAL	SQ FT	3,790	3,790

SP SPECIAL PROVISION
* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTHGATE PARKWAY
SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1001	21-00091-00-RS	COOK	23	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61J59	

ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				75% FEDERAL 25% LOCAL ROADWAY 0005 URBAN
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	211	211
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	211	211
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	421	421
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	421	421
60250200	CATCH BASINS TO BE ADJUSTED	EACH	14	14
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4
60260100	INLETS TO BE ADJUSTED	EACH	11	11
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	2
67100100	MOBILIZATION	L SUM	1	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	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	1,716	1,716
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	572	572
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	396	396
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	13,369	13,369
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	1,108	1,108
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	2,382	2,382
72000100	SIGN PANEL - TYPE 1	SQ FT	82.5	82.5

SP SPECIAL PROVISION *
* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTHGATE PARKWAY
SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1001	21-00091-00-R5	COOK	23	4
			CONTRACT NO. 61J59	
		ILLINOIS FED. AID PROJECT		

ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				75% FEDERAL 25% LOCAL ROADWAY	0005 URBAN
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	6	6	
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	6.3	6.3	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	150	150	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	396	396	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	13,369	13,369	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,108	1,108	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,382	2,382	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	25	25	
SP X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	345	345	
SP X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	813	813	
SP X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	5	5	
SP X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	1	1	
SP Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	24	24	
SP Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51.4	51.4	

SP SPECIAL PROVISION
* SPECIALTY ITEM

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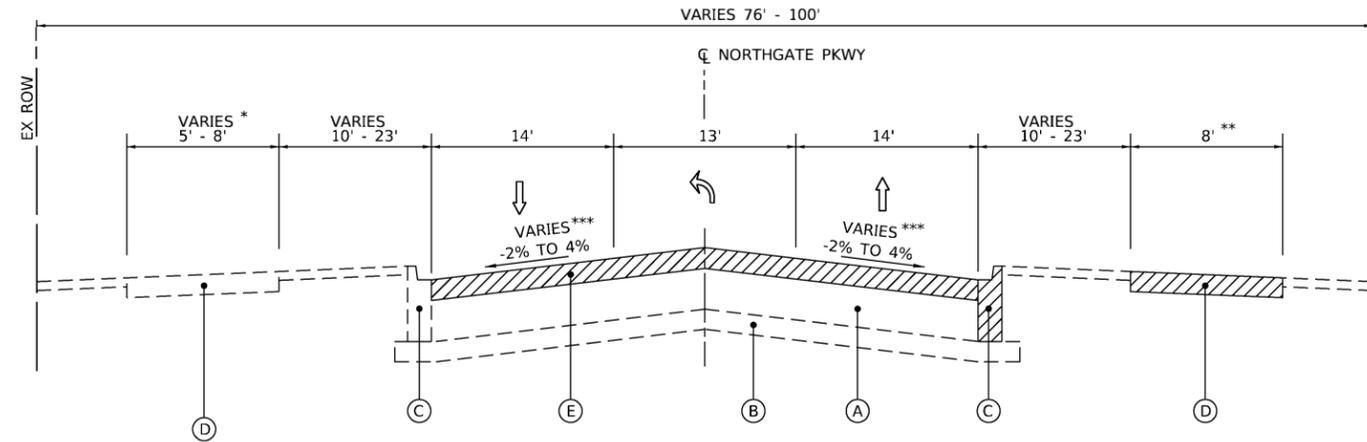
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTHGATE PARKWAY
SUMMARY OF QUANTITIES**

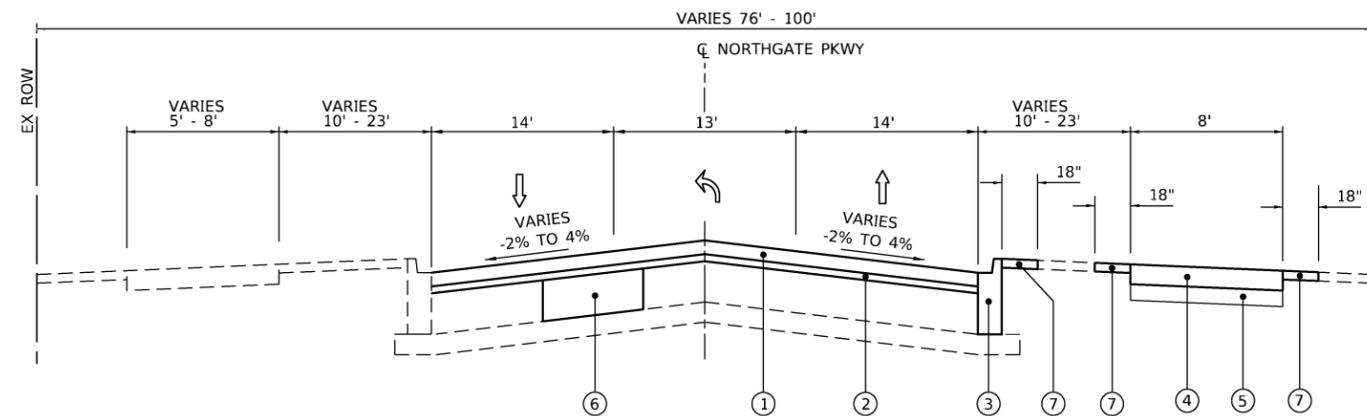
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1001	21-00091-00-R5	COOK	23	5
CONTRACT NO. 61J59			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION
NORTHGATE PARKWAY
STA 105+00 TO STA 147+32

- * 8' STA 105+00 TO STA 139+26
5' STA 139+26 TO STA 149+89
- ** NO SIDEWALK STA 116+89 TO STA 139+19
- *** NEGATIVE CROSS SLOPE REPRESENTS SUPERELEVATION AT EXISTING HORIZONTAL CURVES



PROPOSED TYPICAL SECTION
NORTHGATE PARKWAY
STA 105+00 TO STA 147+32

NOTES: 1. LIMITS OF PAVEMENT PATCHING AND COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN FIELD BY THE ENGINEER.

EXISTING LEGEND

- (A) HMA PAVEMENT, 10" TO 15"
- (B) AGGREGATE BASE COURSE, 2" TO 9"
- (C) COMBINATION CONCRETE CURB & GUTTER, B-6.12
- (D) CONCRETE SIDEWALK
- (E) HMA SURFACE REMOVAL, 2 1/2"
- REMOVAL ITEMS

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 2"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
- (3) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (4) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (5) AGGREGATE BASE COURSE, TYPE B, 4"
- (6) CLASS D PATCHES - 10"
- (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING CLASS 2A

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @NDES	QMP
RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 2"	4% @ 70 GYR.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"	3.5% @ 50 GYR.	LR 1030-2
CLASS D PATCH		
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR.	LR 1030-2
HMA DRIVEWAY PAVEMENT, 10"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 2"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm) - 8"	4% @ 50 GYR.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2		

THE UNIT WEIGHT USED 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 RECLAIMED MATERIALS SPECIFICATIONS.

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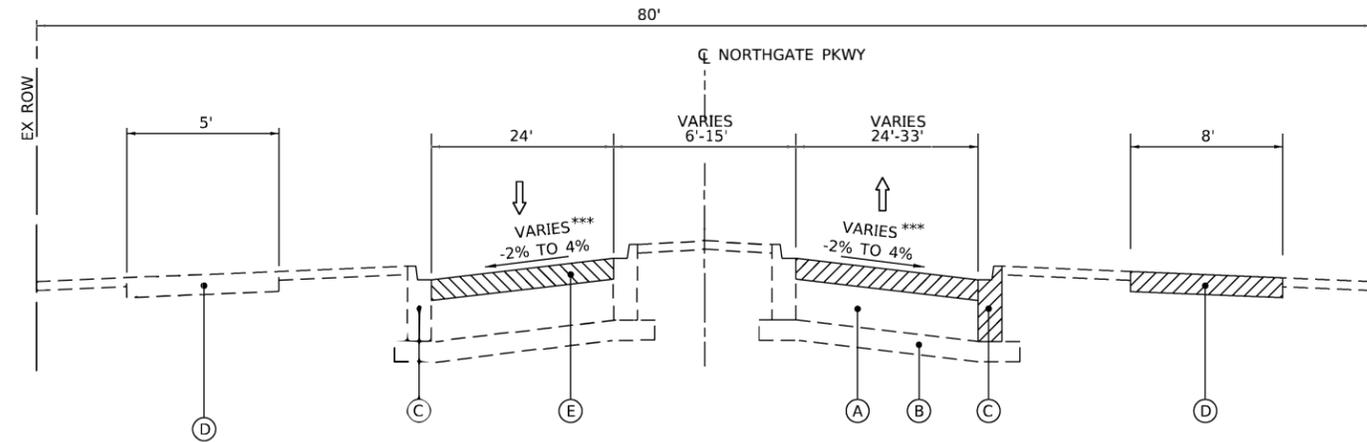
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTHGATE PARKWAY
TYPICAL SECTIONS**

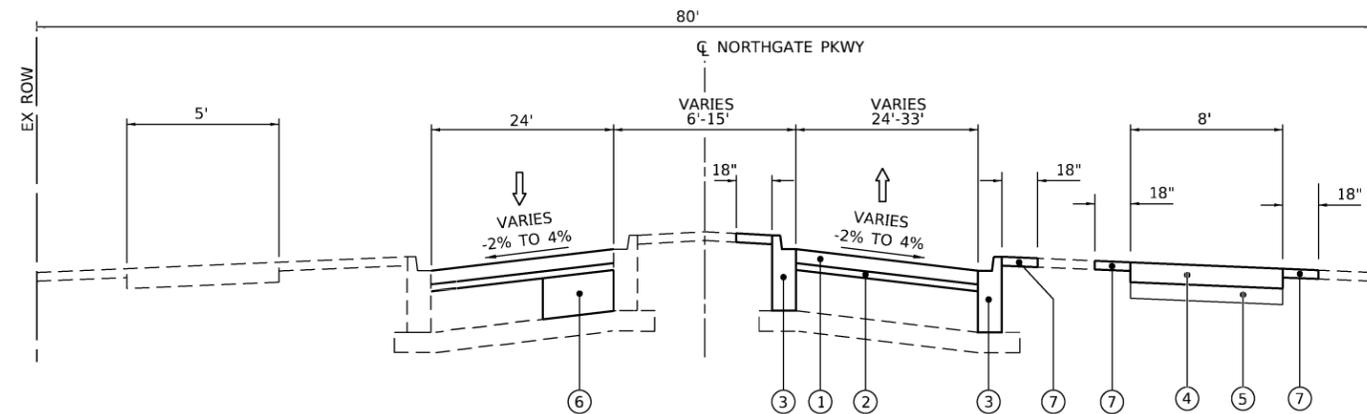
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1001	21-00091-00-R5	COOK	23	6
CONTRACT NO. 61J59				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
 NORTHGATE PARKWAY
 STA 147+32 TO STA 149+89

- * 8' STA 105+00 TO STA 139+26
5' STA 139+26 TO STA 149+89
- ** NO SIDEWALK STA 116+89 TO STA 139+19
- *** NEGATIVE CROSS SLOPE REPRESENTS SUPERELEVATION AT EXISTING HORIZONTAL CURVES



PROPOSED TYPICAL SECTION
 NORTHGATE PARKWAY
 STA 147+32 TO STA 149+89

- NOTES: 1. LIMITS OF PAVEMENT PATCHING, COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, AND SIDEWALK REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

EXISTING LEGEND

- (A) HMA PAVEMENT, 10" TO 15"
- (B) AGGREGATE BASE COURSE, 2" TO 9"
- (C) COMBINATION CONCRETE CURB & GUTTER, B-6.12
- (D) CONCRETE SIDEWALK
- (E) HMA SURFACE REMOVAL, 2 1/2"
- REMOVAL ITEMS

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 2"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
- (3) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (4) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (5) AGGREGATE BASE COURSE, TYPE B, 4"
- (6) CLASS D PATCHES - 10"
- (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING CLASS 2A

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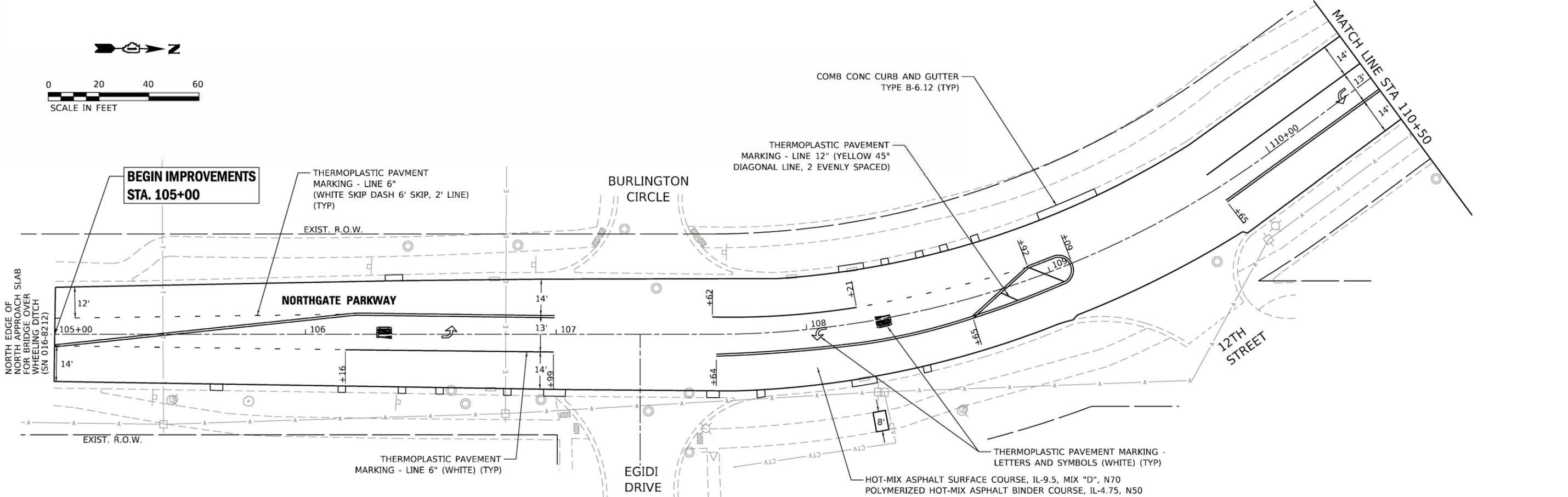
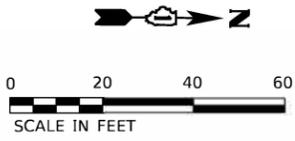
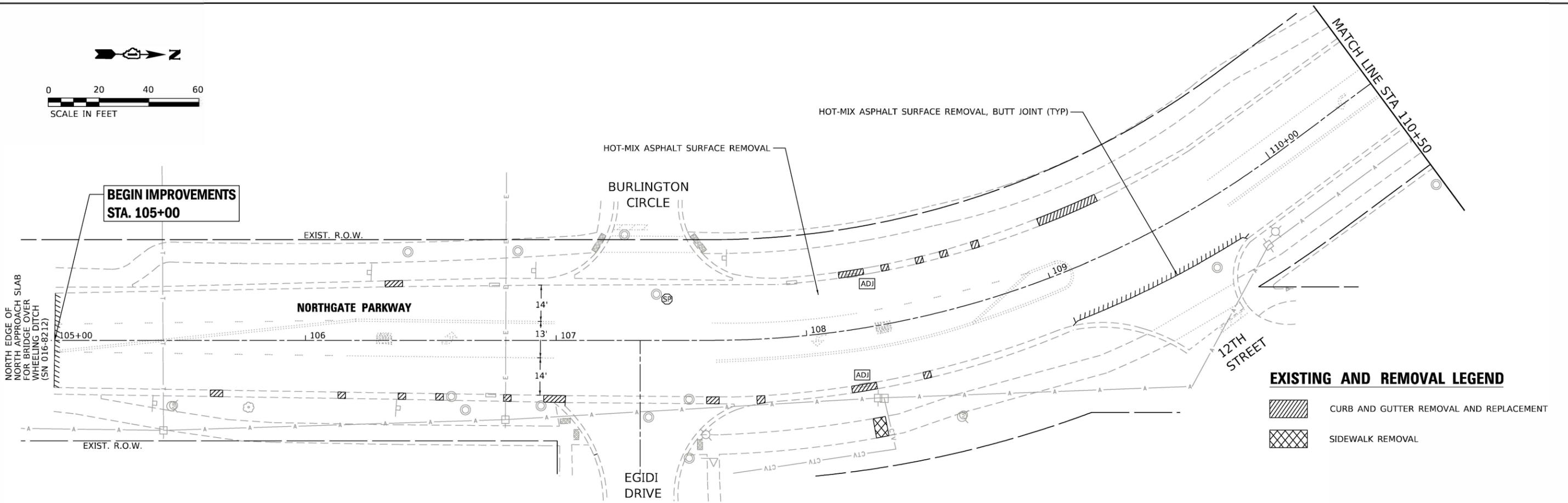
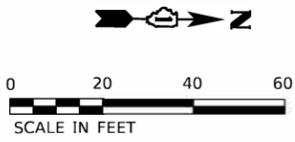
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHGATE PARKWAY
 TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1001	21-00091-00-R5	COOK	23	7
CONTRACT NO. 61J59				
ILLINOIS FED. AID PROJECT				



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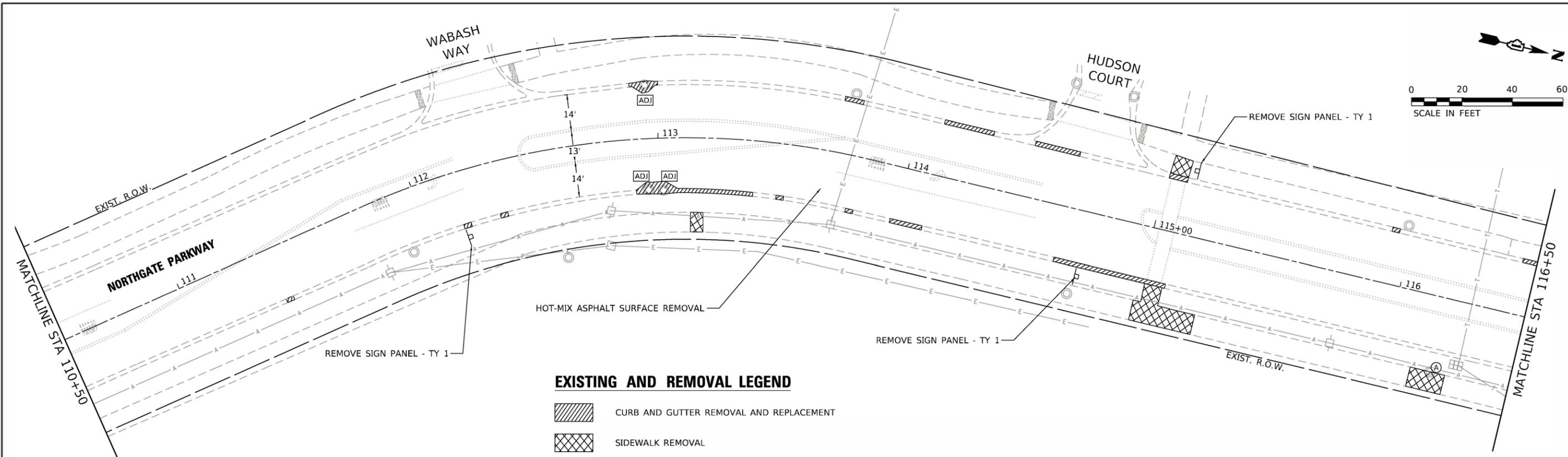
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHGATE PARKWAY
ROADWAY REMOVAL AND IMPROVEMENT PLAN

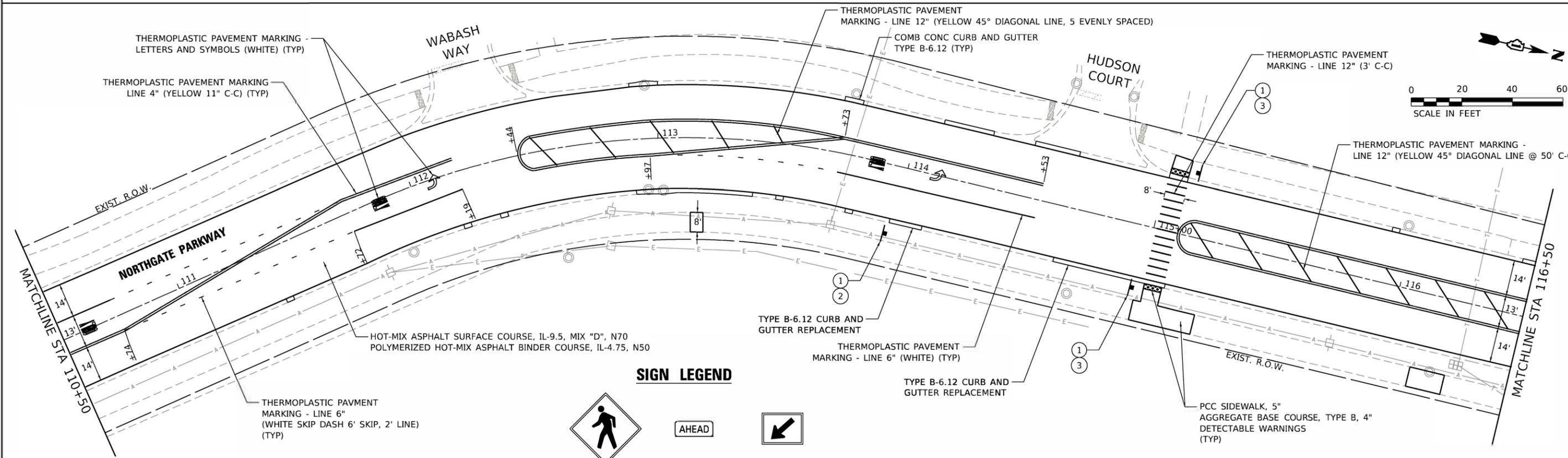
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1001	21-00091-00-R5	COOK	23	8
CONTRACT NO. 61J59				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



EXISTING AND REMOVAL LEGEND

- CURB AND GUTTER REMOVAL AND REPLACEMENT
- SIDEWALK REMOVAL



SIGN LEGEND

- W11-2
- W16-9P
- W16-7P

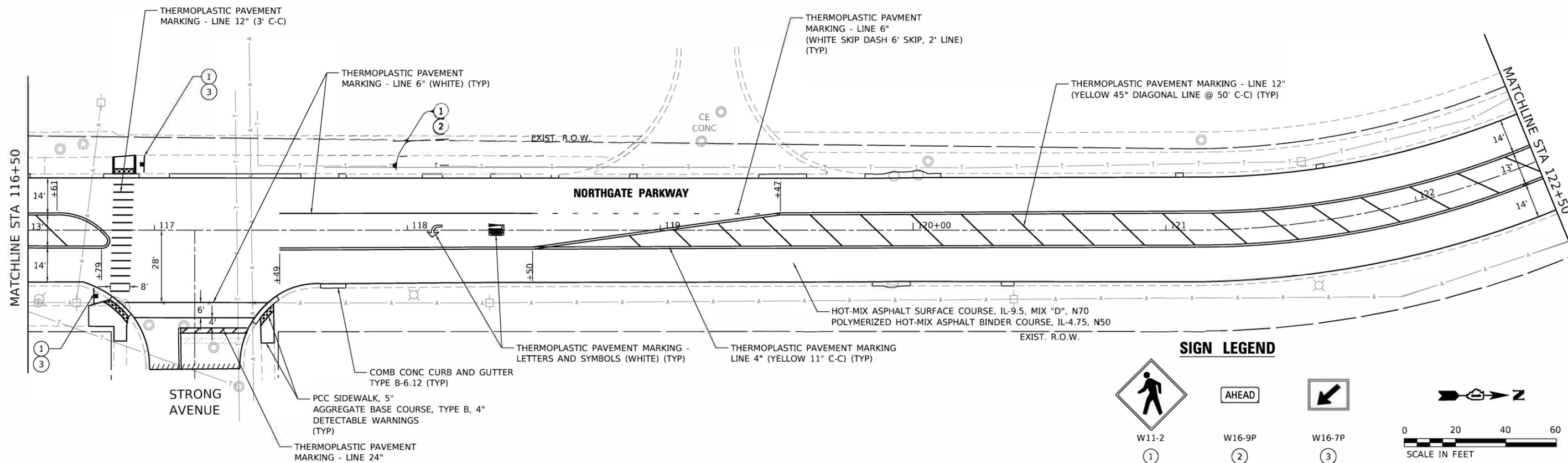
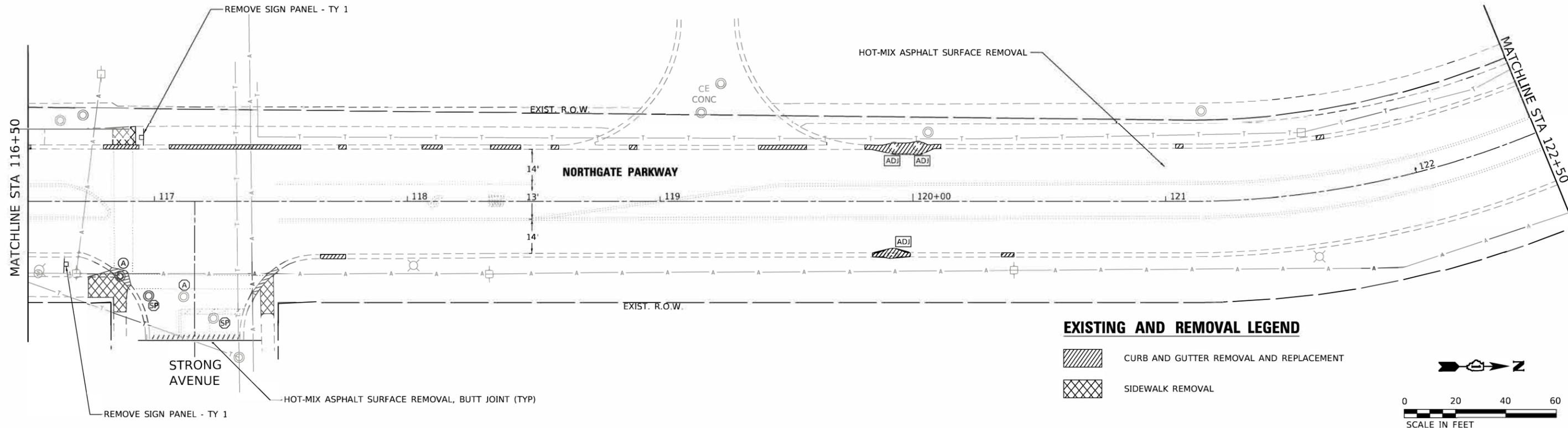
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHGATE PARKWAY			
ROADWAY REMOVAL AND IMPROVEMENT PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1001	21-00091-00-R5	COOK	23	9
CONTRACT NO. 61J59				
ILLINOIS FED. AID PROJECT				



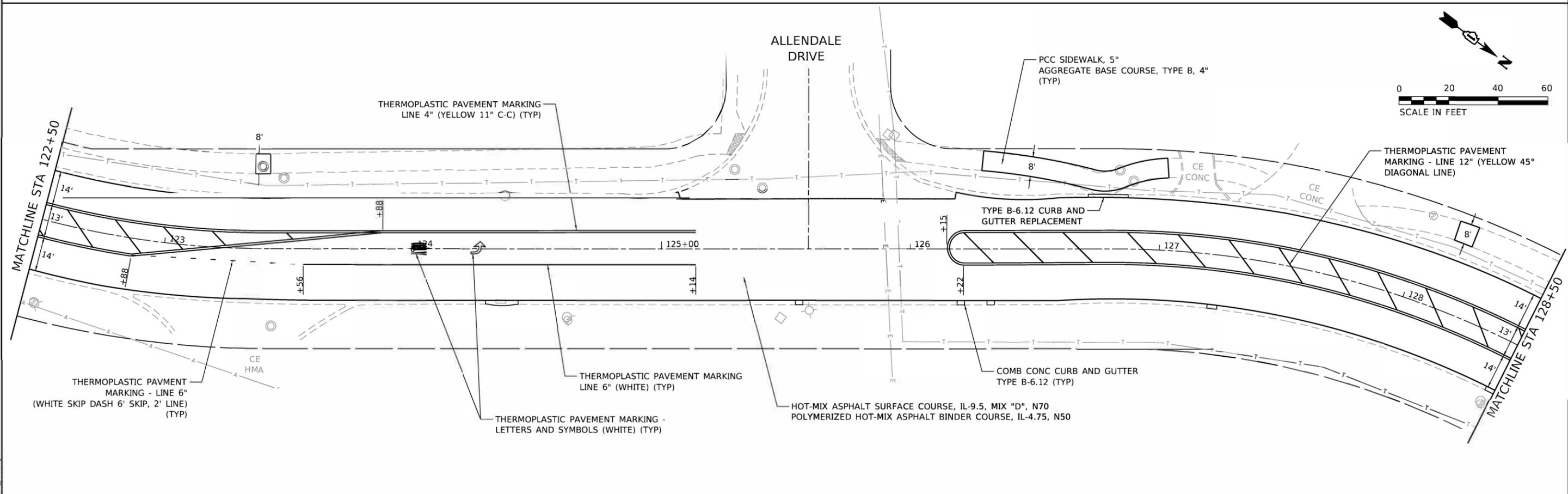
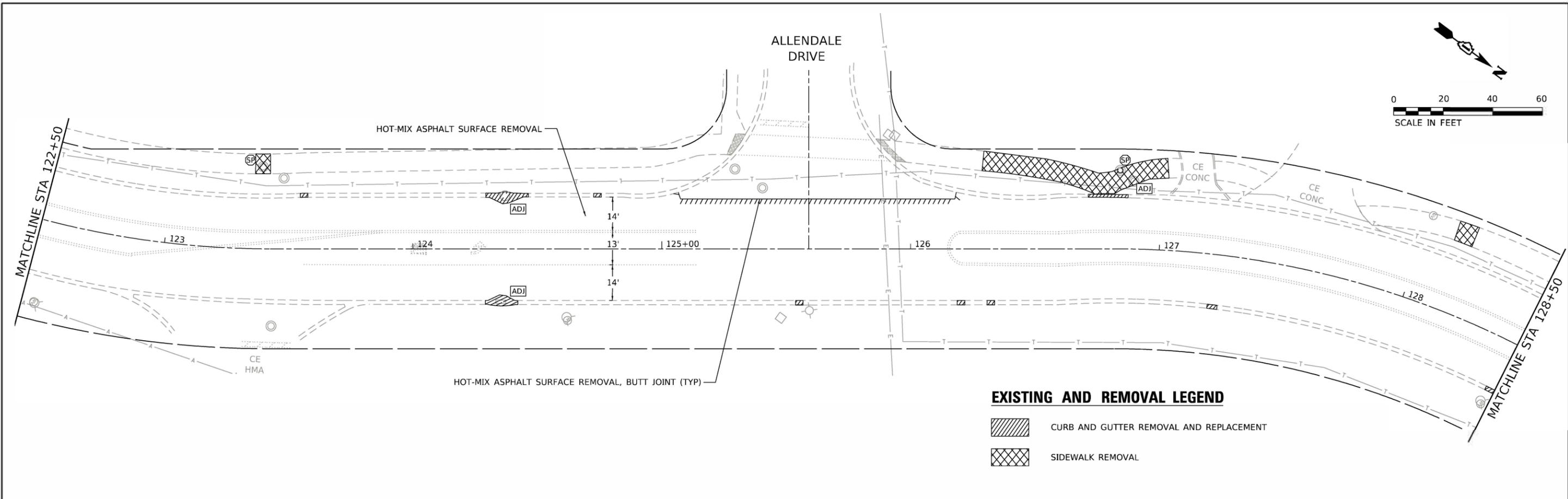
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHGATE PARKWAY			
ROADWAY REMOVAL AND IMPROVEMENT PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61J59				
ILLINOIS FED. AID PROJECT				



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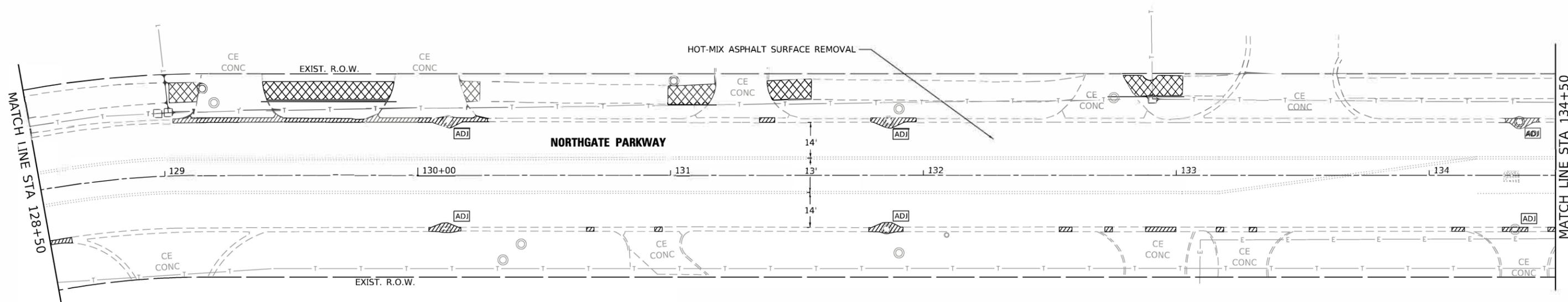
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PLOT DATE = 3/20/2023	DATE - 3/2/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHGATE PARKWAY
ROADWAY REMOVAL AND IMPROVEMENT PLAN

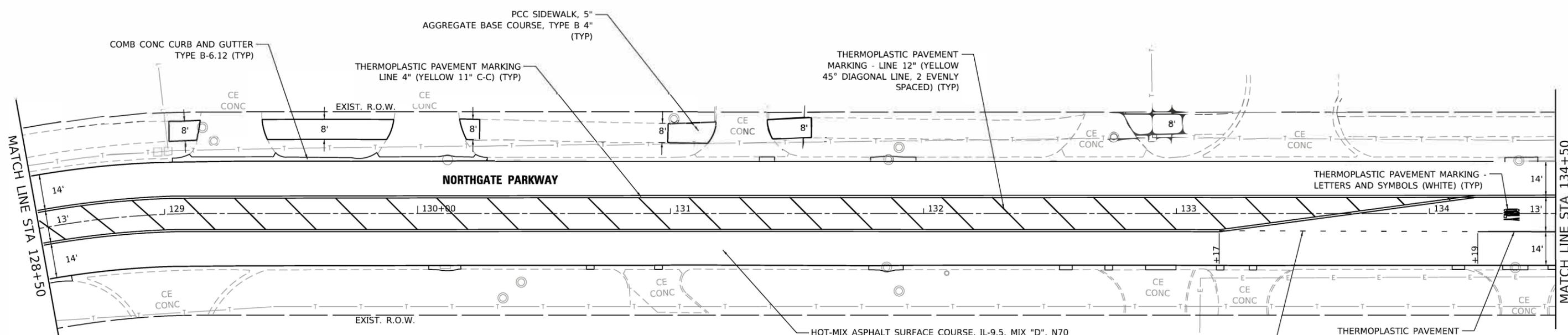
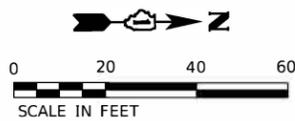
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1001	21-00091-00-RS	COOK	23	11
CONTRACT NO. 61J59				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

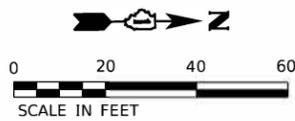


EXISTING AND REMOVAL LEGEND

- CURB AND GUTTER REMOVAL AND REPLACEMENT
- SIDEWALK REMOVAL



- THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (TYP)
- THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE) (TYP)



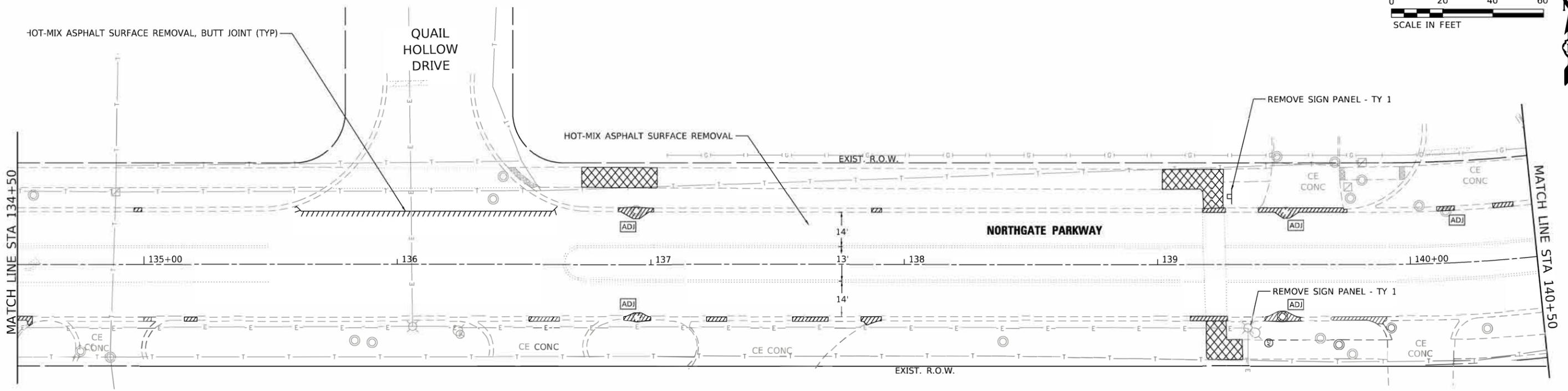
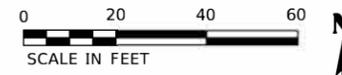
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PLOT DATE = 3/20/2023	DATE - 3/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

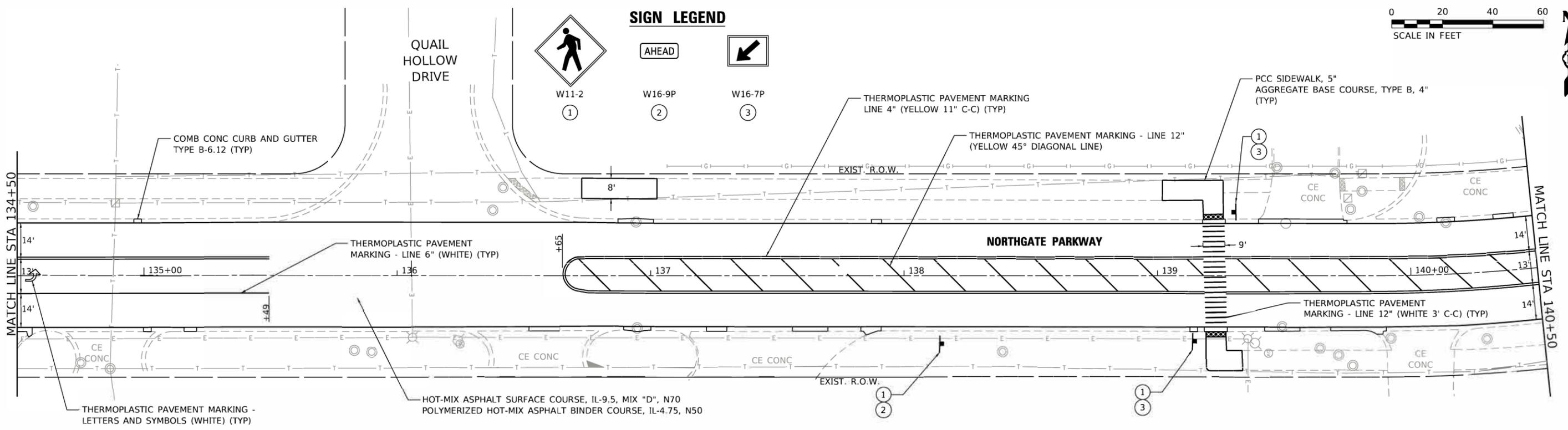
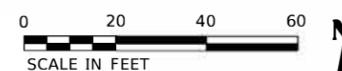
NORTHGATE PARKWAY ROADWAY REMOVAL AND IMPROVEMENT PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1001	21-00091-00-RS	COOK	23	12
CONTRACT NO. 61J59				
ILLINOIS FED. AID PROJECT				



EXISTING AND REMOVAL LEGEND

- CURB AND GUTTER REMOVAL AND REPLACEMENT
- SIDEWALK REMOVAL



SIGN LEGEND

- W11-2
- W16-9P
- W16-7P

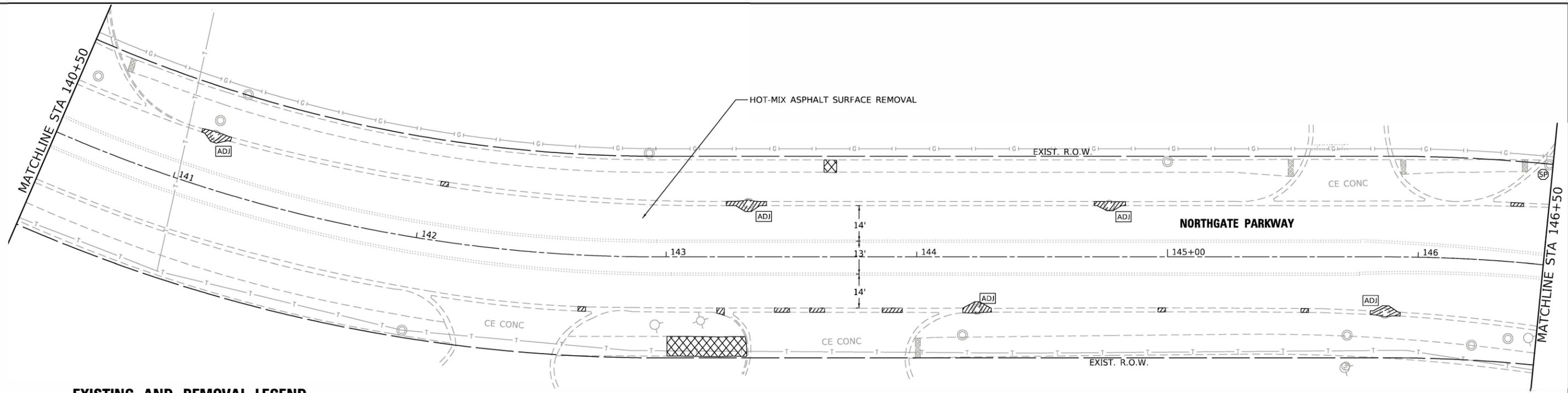
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PLOT DATE = 3/20/2023	DATE - 3/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

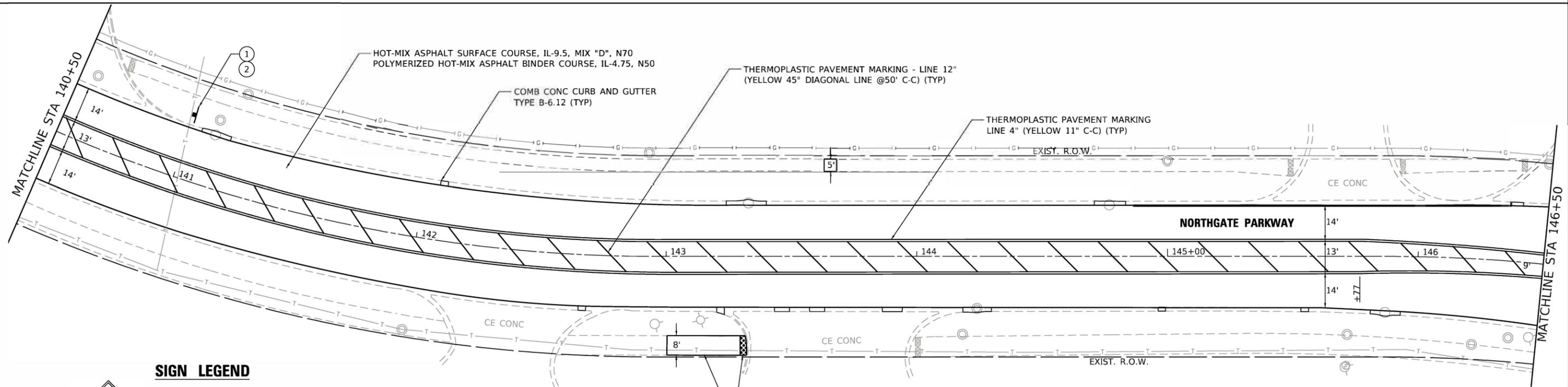
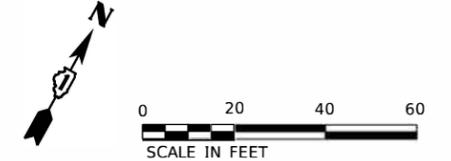
NORTHGATE PARKWAY ROADWAY REMOVAL AND IMPROVEMENT PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1001	21-00091-00-RS	COOK	23	13
CONTRACT NO. 61J59				
ILLINOIS		FED. AID PROJECT		



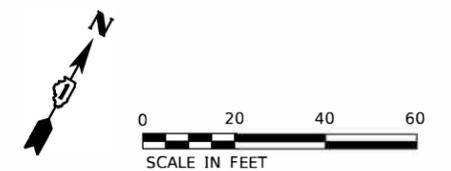
EXISTING AND REMOVAL LEGEND

-  CURB AND GUTTER REMOVAL AND REPLACEMENT
-  SIDEWALK REMOVAL



SIGN LEGEND

-  W11-2
-  W16-9P
-  W16-7P



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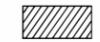
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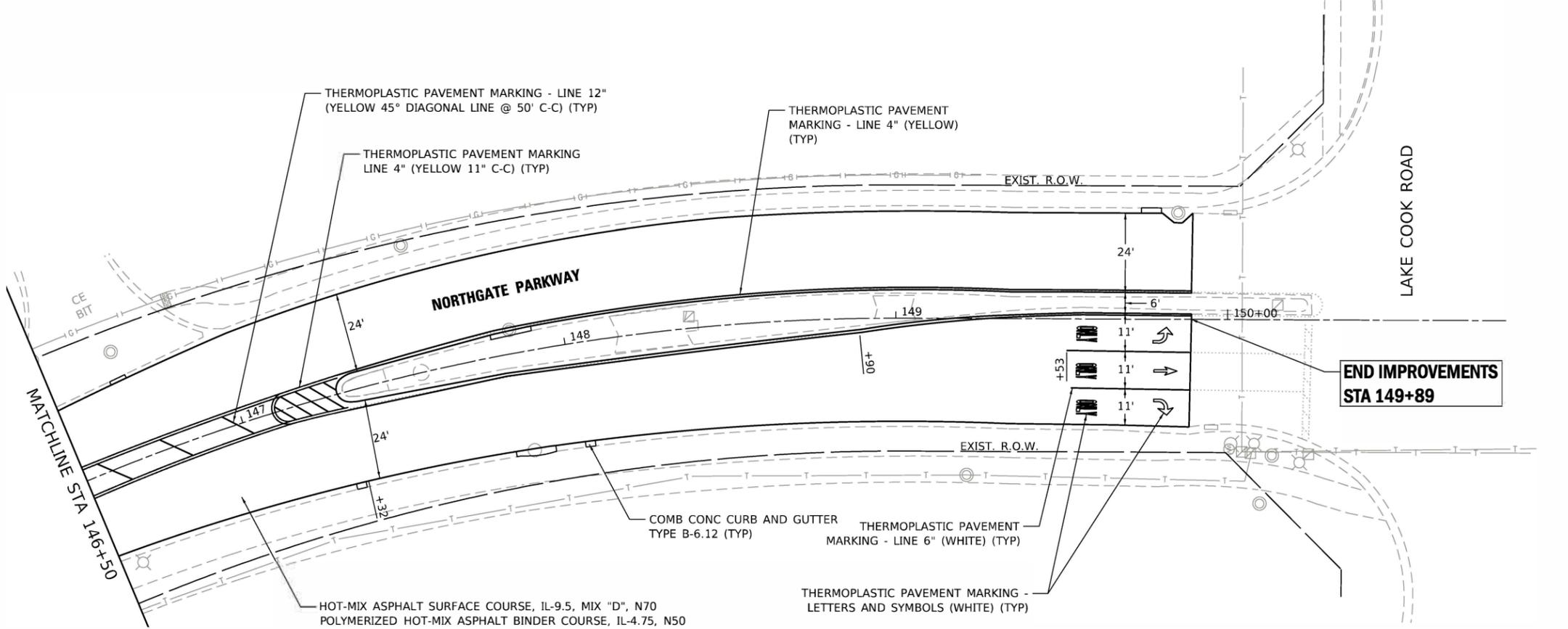
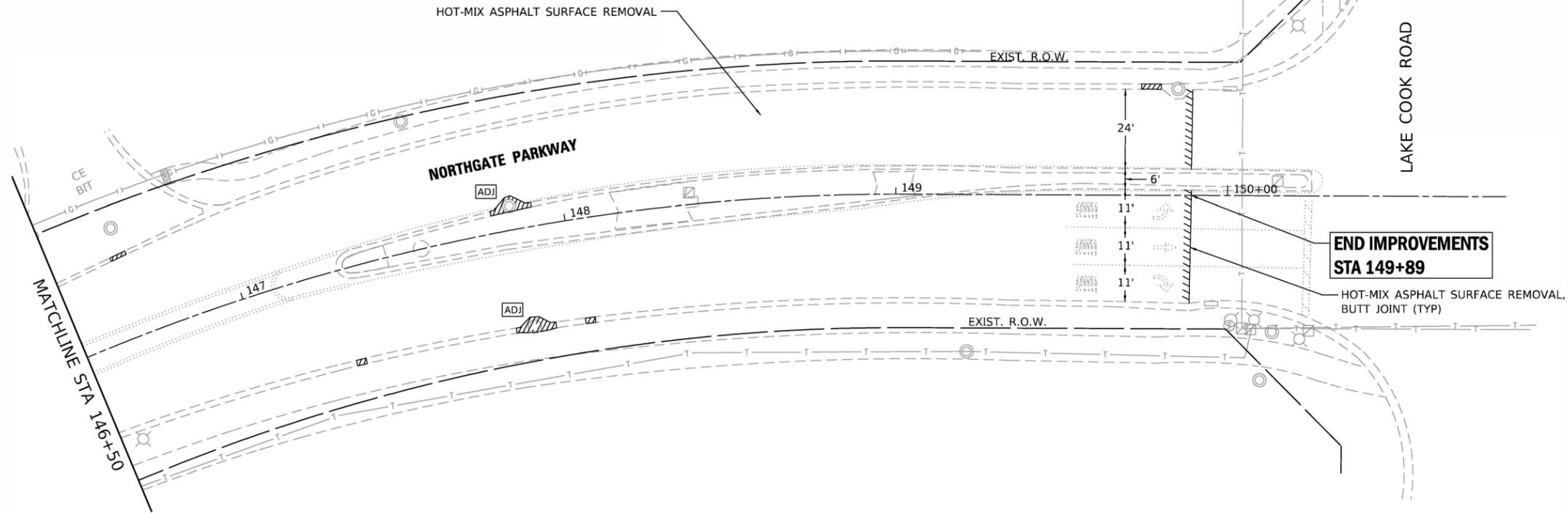
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NORTHGATE PARKWAY ROADWAY REMOVAL AND IMPROVEMENT PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1001	21-00091-00-RS	COOK	23	14
CONTRACT NO. 61J59				
ILLINOIS FED. AID PROJECT				

EXISTING AND REMOVAL LEGEND

-  CURB AND GUTTER REMOVAL AND REPLACEMENT
-  SIDEWALK REMOVAL



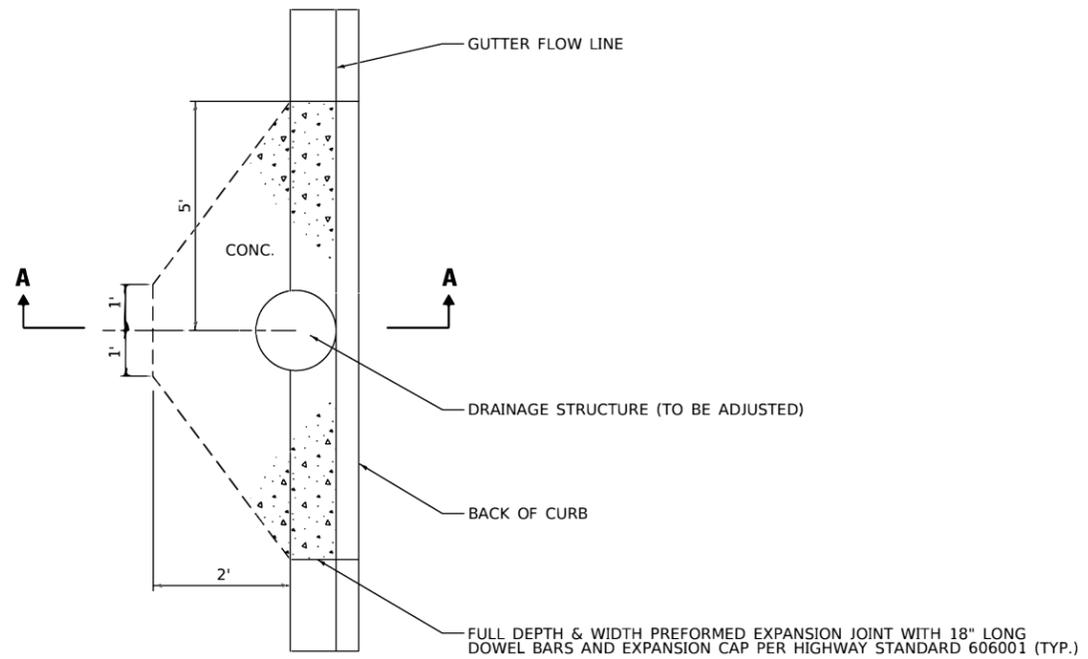
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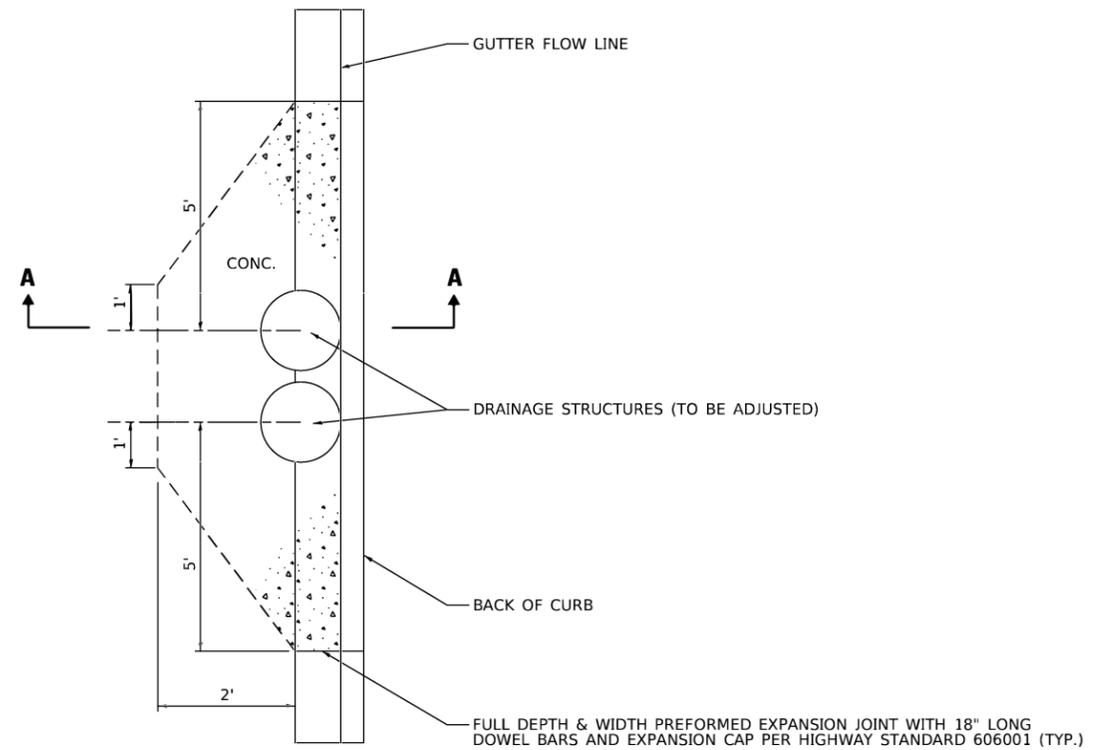
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NORTHGATE PARKWAY ROADWAY REMOVAL AND IMPROVEMENT PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

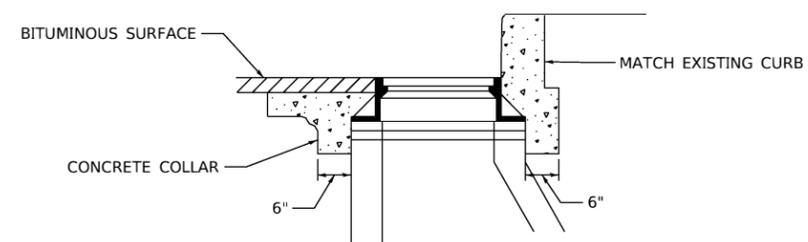
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1001	21-00091-00-R5	COOK	23	15
CONTRACT NO. 61J59				
ILLINOIS FED. AID PROJECT				



SINGLE INLET



DOUBLE INLET



SECTION A-A

NOTES:

1. ADJUSTING RINGS AND FRAMES SHALL BE ALIGNED.
2. ADJUSTING RINGS SHALL BE FREE OF ANY CRACKS, CHIPS, AND DAMAGE.
3. MAXIMUM ADJUSTING HEIGHT SHALL BE 12" FOR STORM AND WATER STRUCTURES AND 8" FOR SANITARY STRUCTURES.
4. MINIMUM NUMBER OF ADJUSTING RINGS SHALL BE USED.
5. ADJUSTING RINGS AND FRAMES SHALL BE SET IN PLACE ON FULL MORTAR BED.
6. A 6" WIDE CONCRETE COLLAR SHALL BE POURED FROM 3" BELOW LOWEST RING INTEGRAL WITH CURB AND GUTTER.

MODIFIED CURB DRAINAGE STRUCTURE DETAIL

NOTE:

CONCRETE PLACEMENT WILL BE MONOLITHIC POUR WITH EXPANSION MATERIAL AT CONSTRUCTION JOINT.
EXACT SIZE OF CURB AT DRAINAGE STRUCTURES SHALL BE DETERMINED IN THE FIELD BASED ON EXISTING CONDITIONS.

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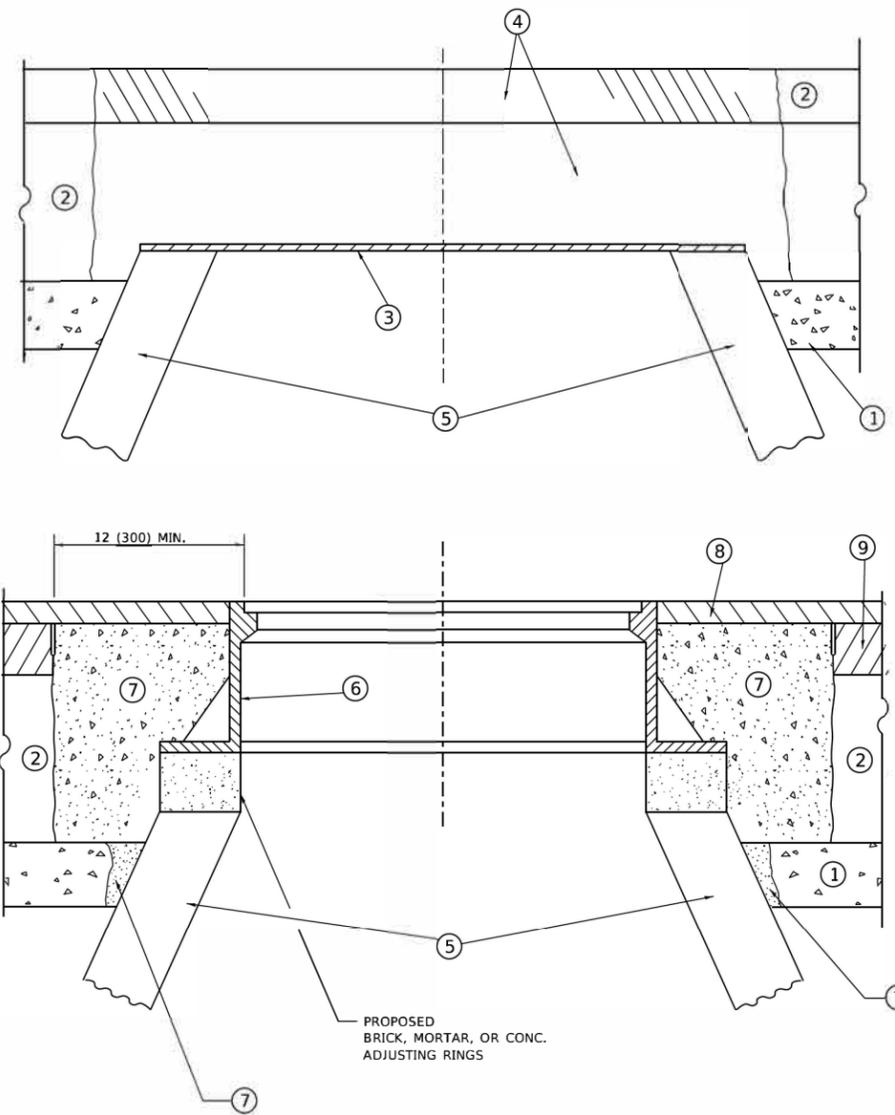
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PLOT DATE = 3/20/2023	DATE - 3/2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTHGATE PARKWAY
DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1001	21-00091-00-R5	COOK	23	16
CONTRACT NO. 61J59				
ILLINOIS FED. AID PROJECT				



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

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 HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 1 1/2 (40) HMA TO REMAIN AFTER MILLING).

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

- 1. 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)."
- 2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- 3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 4. 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.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

NOTES

- 1. 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.
- 2. 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.
- 3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- 4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

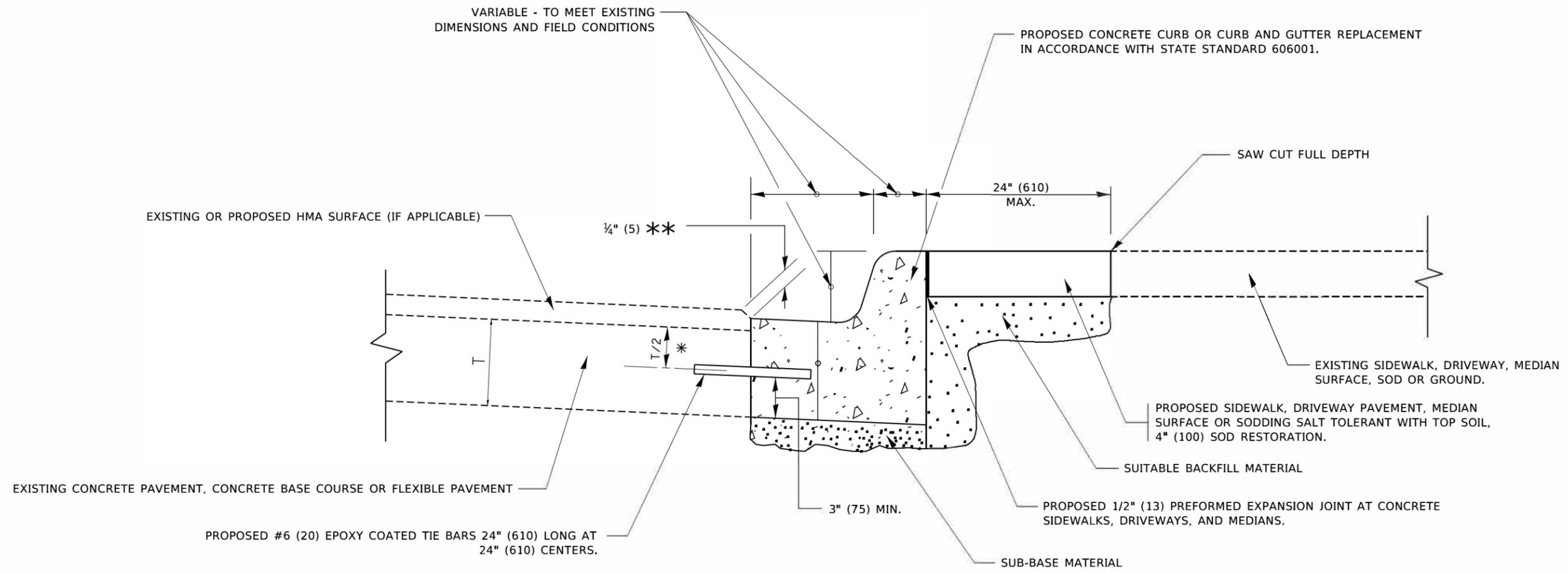
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

USER NAME = Lawrence,DeManche	DESIGNED = R. SHAH	REVISED = R. BORO 01-01-07
	DRAWN =	REVISED = R. BORO 03-09-11
PLOT SCALE = 100,0000 ' / in.	CHECKED =	REVISED = R. BORO 12-06-11
PLOT DATE = 11/18/2022	DATE = 10-25-94	REVISED = K. SMITH 11-18-22

SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				21-00091-00-RS	COOK	23	17
				BD600-03 (BD-08)			CONTRACT NO. 61J59
					ILLINOIS	FED. AID PROJECT	

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- * 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.

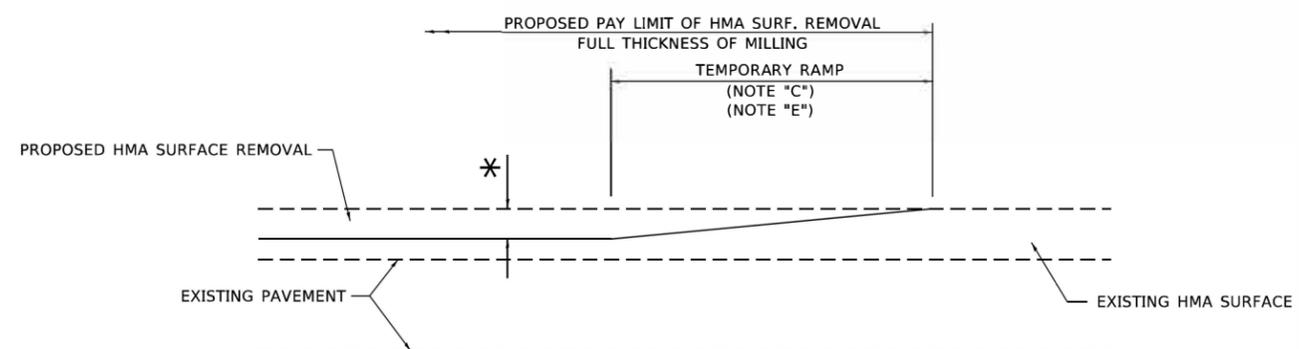
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PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT DATE = 7/11/2019	CHECKED -	REVISED - R. BORO 12-15-09
	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

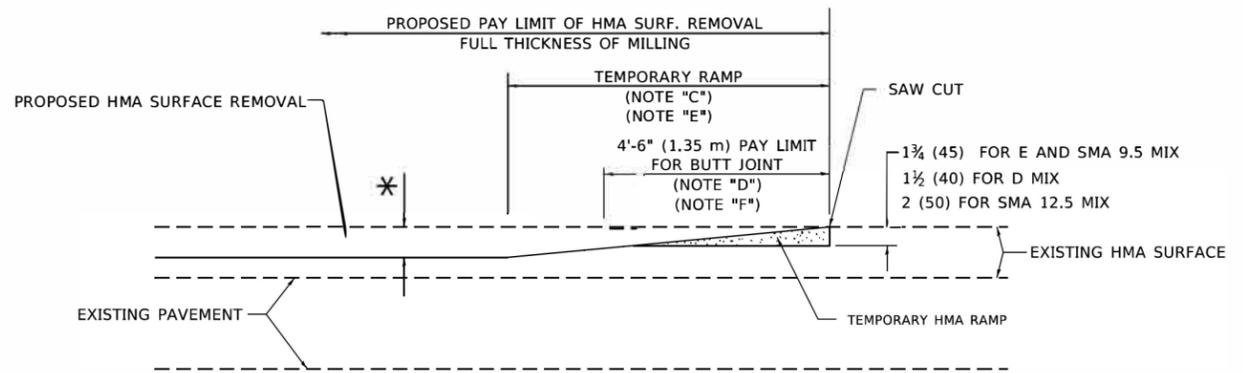
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	
SCALE: NONE	SHEET 1 OF 1 SHEETS
STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00091-00-R5	COOK	23	18
BD600-06 (BD-24)		CONTRACT NO. 61J59		
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

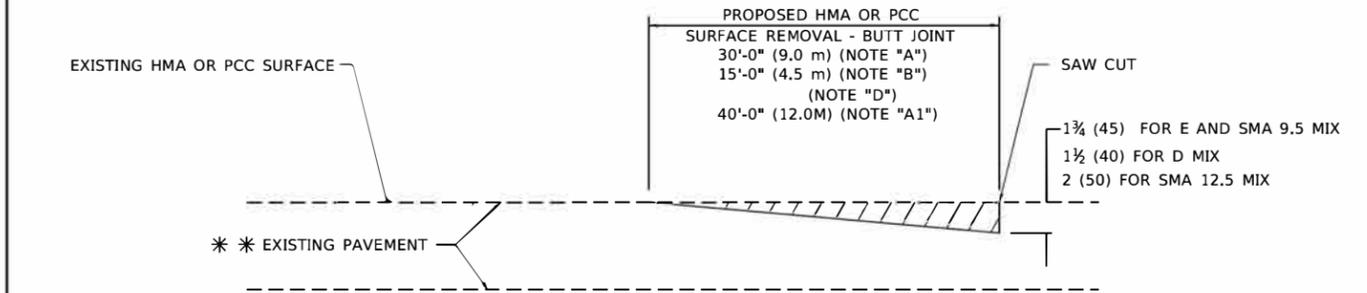
OPTION 1



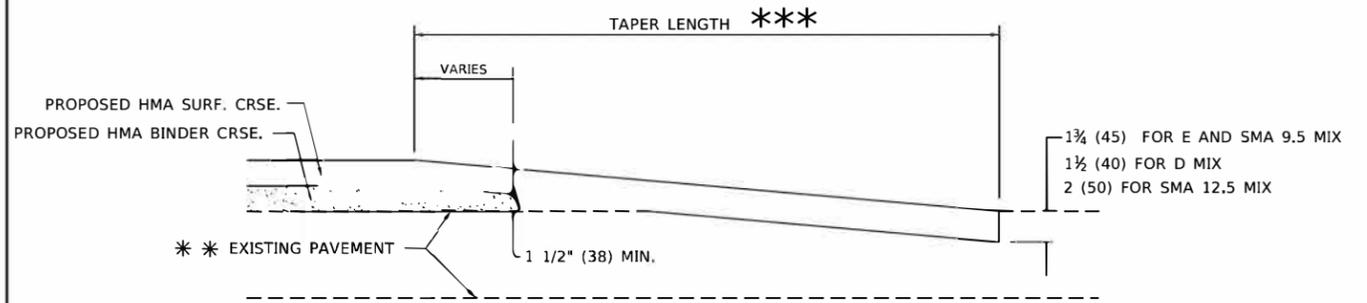
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

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.

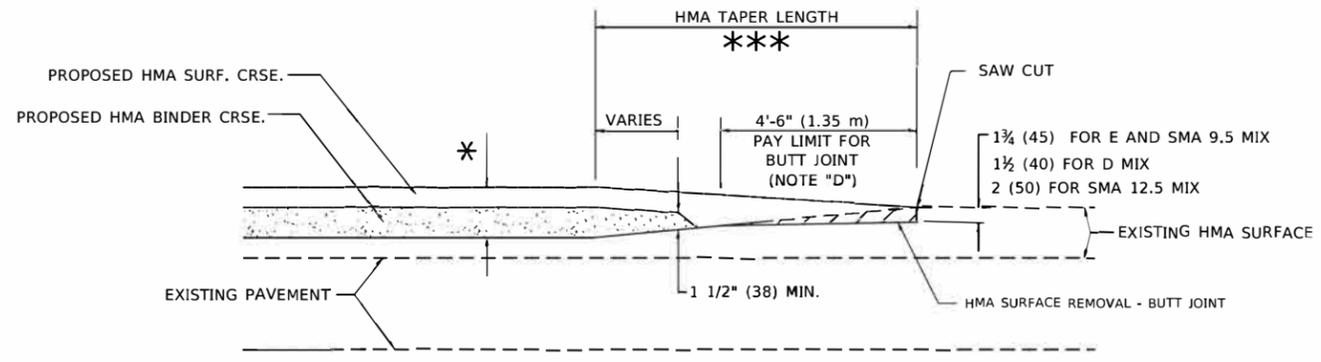
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- 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' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 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

- 1. 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".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

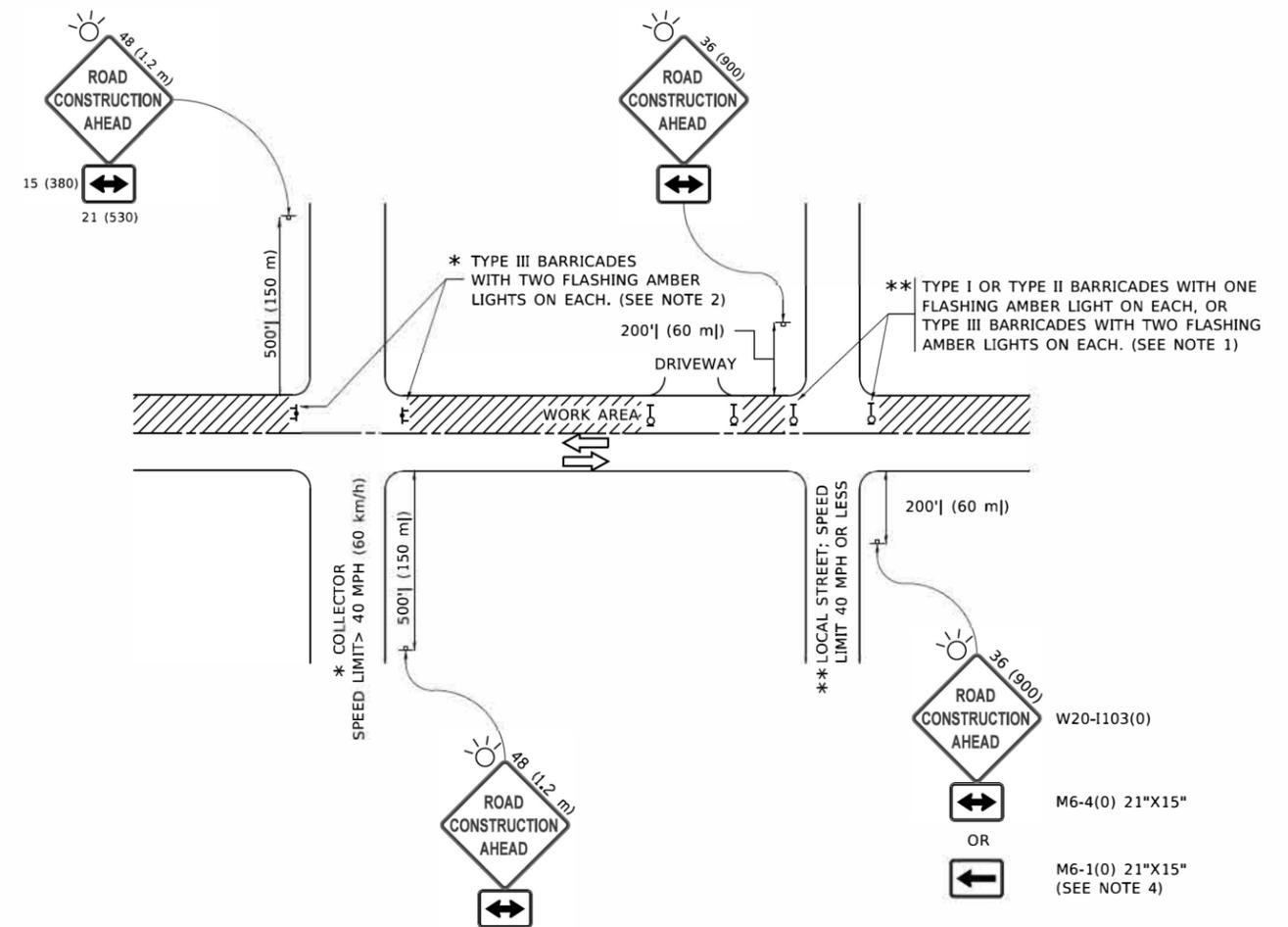
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USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00091-00-R5	COOK	23	19
BD400-05 BD-32		CONTRACT NO.	61159	
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) 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. 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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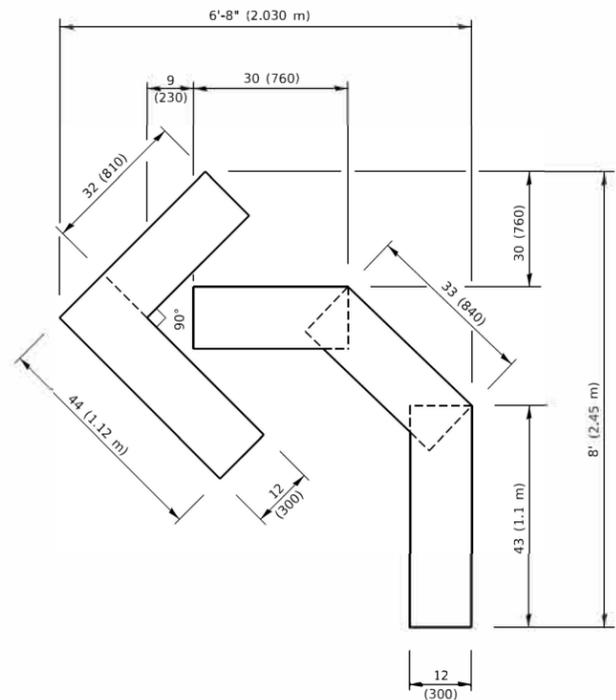
USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

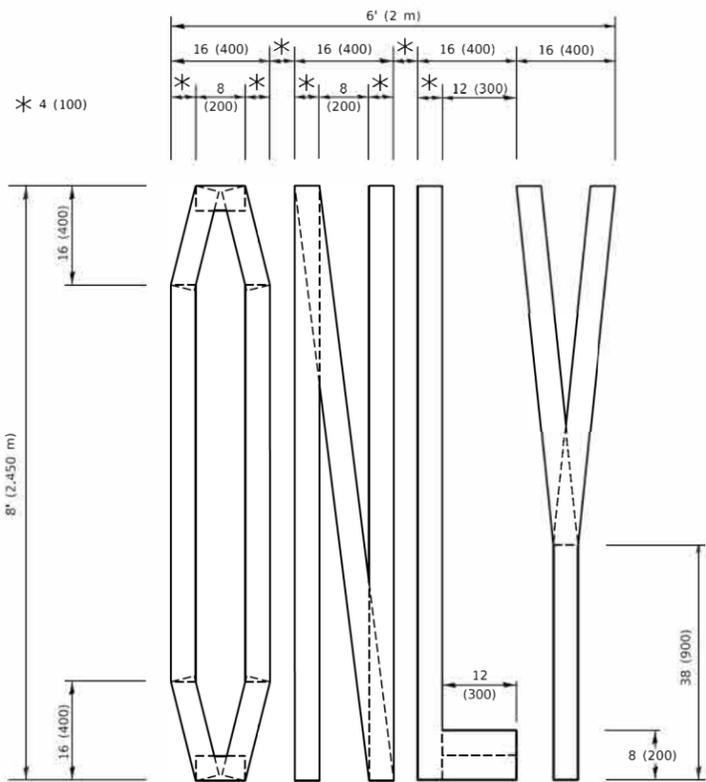
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00091-00-RS	COOK	23	20
TC-10			CONTRACT NO. 61J59	
ILLINOIS FED. AID PROJECT				



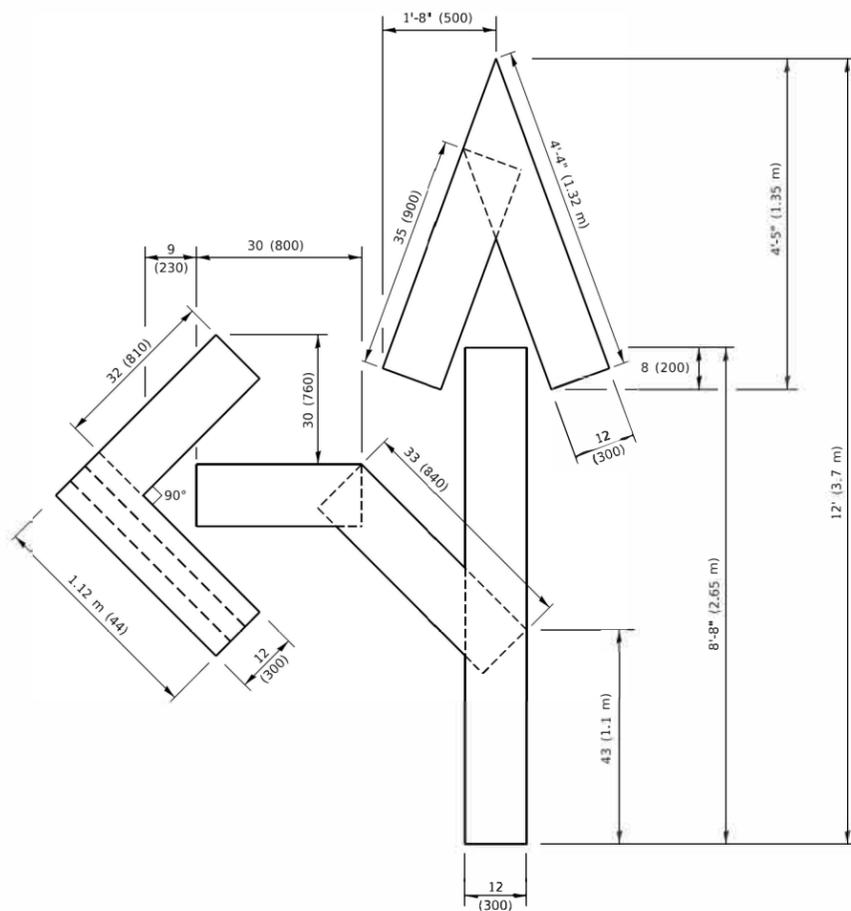
QUANTITY

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)

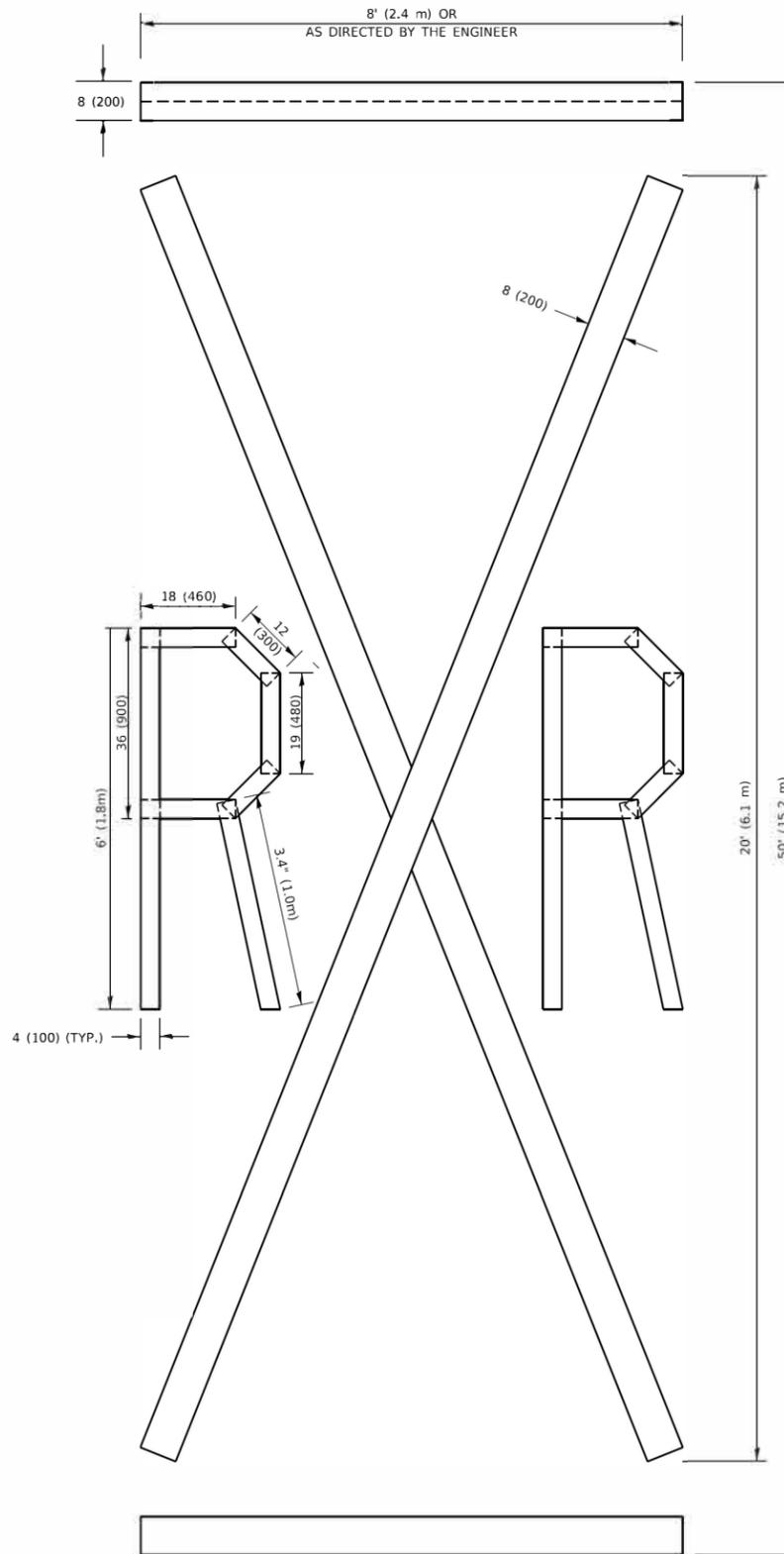


QUANTITY

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.

MODEL: D:\shar... FILE NAME: D:\shar... PROJECTS\DOT\Documents\DOT_Offsets\sharfrt_1\Projects\DOT\sharfrt_1\CADD\DOT\CAD\sharfrt16.dgn

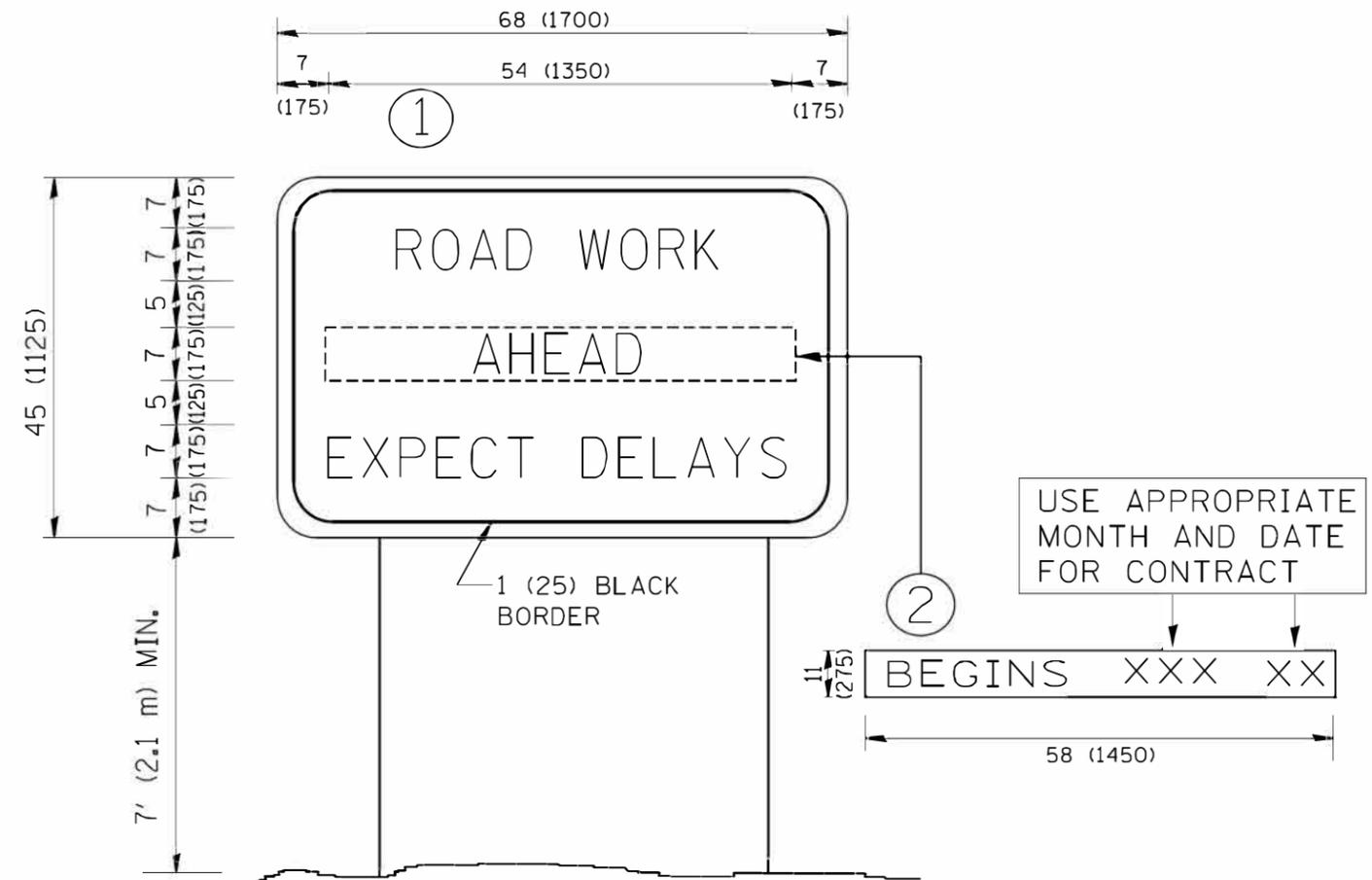
USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
PLOT SCALE = 50.0068 1/ in.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00091-00-RS	COOK	23	22
TC-16			CONTRACT NO. 61J59	
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 = W:\diststd\22x34\to22.dgn	USER NAME = goglianobt	DESIGNED - DRAWN -	REVISED - R. MIRS 09-15-97
PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - R. MIRS 12-11-97	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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00091-00-RS	COOK	23	23
TC-22		CONTRACT NO. 61J59		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				