04-25-2025 LETTING ITEM 168

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

16-00089-00-RS COOK 35 1

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED WITHIN VILLAGES OF BARTLETT AND STREAMWOOD

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 1345 (NORTH AVENUE) OAK AVENUE TO LAKE STREET RESURFACING, CURB AND GUTTER, PAVEMENT MARKING SECTION 16-00089-00-RS **PROJECT NO. IJ41(587)** VILLAGE OF BARTLETT **COOK COUNTY**

C-91-146-23

TRAFFIC DATA **NORTH AVENUE:** ADT(2018) = 4,350POSTED SPEED LIMIT = 25 MPH (OAK AVENUE TO CREST AVENUE) POSTED SPEED LIMIT = 35 MPH (CREST AVENUE TO LAKE STREET) **FUNCTIONAL CLASSIFICATION:** MAJOR COLLECTOR

> R 9E 3RD PM **PROJECT BEGINS** STA 101 + 50 LOCATION MAP (NOT TO SCALE) PROJECT ENDS STA 148 + 96

> > HANOVER TOWNSHIP

GROSS LENGTH = 4746 FT. = 0.9 MILE NET LENGTH = 4746 FT. = 0.9 MILE



02/07/2025



LOCATION OF SECTION INDICATED THUS: -

	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
APPROVED	February II y 25
APPROVED	VILLAGE OF PARTLETT, DIRECTOR OF PERELIC WORKS 2/1/ 20 2 5
	VILLAGE OF STREAMWOOD, DIRECTOR OF PERSON WORKS
PASSED	Fers 13 2025
	DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	Feb 14 20 25 R
-	REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS 1-800-892-0123

OR 811

CONTRACT NO. 61L22

0

INDEX OF SHEETS

SHEET NO.	DESCRIPTION COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES
3-6	SUMMARY OF QUANTITIES
7-9	TYPICAL SECTIONS
10-19	REMOVAL, ROADWAY AND PAVEMENT MARKING PLANS
20	BARRIER ISLAND DETAIL
21-28	ADA DETAIL SHEETS
	DISTRICT 1 DETAILS
29	BD-08 - FRAMES AND LIDS ADJUSTMENT WITH MILLING
30	BD-24 - CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
31	BD-32 - BUTT JOINTS AND HMA TAPER DETAILS
32	TC-10 - TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
33	TC-13 - DISTRICT ONE TYPICAL PAVEMENT MARKINGS
34	TC-16 - SHORT-TERM PAVEMENT MARKING LETTERS AND SYMBOLS
35	TC-22 - ARTERIAL ROAD INFORMATION SIGN
	1 2 3-6 7-9 10-19 20 21-28 29 30 31 32 33

HIGHWAY STANDARDS

STANDARD NO. 000001-08	DESCRIPTION STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
602401-07	PRECAST MANHOLE TYPE A, 4' (1.2m) DIAMETER
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS, TYPE 1
604071-07	FRAME AND GRATE, TYPE 20
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PCC CONCRETE ISLANDS AND MEDIANS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15"(4.5 M) TO 24"(600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS, DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2025; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES"; THE "DETAILS" ON THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
- . 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 UTILITIES FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS.
- 3. 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 FINGINEER AND VII LAGE.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE ENGINEER. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF BARTLETT AT (630) 837-0811 A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES
- 5. 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 OF 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.
- 9. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 10. UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE RESIDENT ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING
- 11. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (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.
- 13. 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.
- 14. 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 RESIDENT ENGINEER.
- 5. THE CONTRACTOR SHALL COORDINATE ALL WORK IMPACTING SCHOOL AT BARTLETT ELEMENTARY SCHOOL WITH REPRESENTATIVES OF BARTLETT SCHOOL DISTRICT U-46
- 16. 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.

- 17. 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.
- 18. THE MINIMUM THICKNESS OF THE PROPOSED GUTTER FLAG SHALL BE 10 INCHES UNLESS OTHERWISE STATED IN THE PLANS OR DIRECTED BY THE ENGINEER.
- 19. 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, SIDEWALKS, AND DRIVEWAYS OR AS DIRECTED BY THE ENGINEER.
- 20. 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.
- 21. 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.
- 22. CONTRACTOR SHALL USE CAUTION NOT TO DAMAGE ANY TREES WITHIN THE PROJECT AREA.

 SHOULD ANY TREES BE DAMAGED OR DISTURBED DUE TO CONSTRUCTION ACTIVITIES, CONTRACTOR
 SHALL REPLACE THEM IN KIND PER ARTICLE 201.07.
- 23. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGES OF BARTLETT AND STREAMWOOD. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS.
- 24. EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED HEALTHY TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.
- 25. PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT DUE TO THE PROXIMITY TO THE EXISTING WETLANDS/BODIES OF WATER. PHOSPHORUS WOULD BE DETRIMENTAL TO THE NEARBY WETLANDS. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0).
- 26. UNLESS OTHERWISE APPROVED BY THE ENGINEER, CONTRACTOR SHALL BE REQUIRED TO KEEP ALL DRIVEWAY ENTRANCES OPEN TO TRAFFIC. ALL CONCRETE WORK AT ENTRANCES SHALL BE CONSTRUCTED 1/2 AT A TIME TO ALLOW ACCESS DURING THE CONCRETE CURING PERIOD.
- 27. CONSTRUCTION SEQUENCE WILL BE AS FOLLOWS:
 COMPLETION OF BUS MEDIAN AND STORM SEWER IMPROVEMENTS.
 REMOVAL AND REPLACEMENT OF CURB AND GUTTER AND SIDEWALK.
 MILLING OF EXISTING BITUMINOUS SURFACE AND PATCHING OF EXISTING PAVEMENT
 RESURFACING AND FINAL STRIPING OF BITUMINOUS SURFACE, AND RESTORATION
- 28. MAINTENANCE OF TRAFFIC PLANS HAVE NOT BEEN DEVELOPED FOR THIS PROJECT. PROJECT IS ANTICIPATED TO BE CONSTRUCTED USING SHORT DURATION LANE CLOSURES WITH FLAGGERS AND MOVING OPERATIONS.

1	USER NAME = _USER_	DESIGNED -	REVISED -
		DRAWN -	REVISED -
LLC	PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
RS	PLOT DATE = 2/21/2025	DATE -	REVISED -

SCALE:

		F.A.U. RTE	SEC.	TION		COUNTY	TOTAL SHEETS	SHEE				
			1345	16-0008	9-00-RS		соок	35	2			
		GLIVE	IIAL IV	, ILO						CONTRACT	NO. 6	1L22
SH	EET 1	OF 1	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	ID PROJECT		

				75% FEDERAL	75% FEDERAL
				25% LOCAL	25% LOCAL
				ROADWAY	ROADWAY
			TOTAL	0005	0005
CODE NO.	ITEM	UNIT	QUANTITY	URBAN	URBAN
	· · · · · · · · · · · · · · · · · · ·	1 0	ζον	O N.D. III O	0.1.27
20200500	EARTH EXCAVATION (WIDENING)	CU YD	18	18	
20800150	TRENCH BACKFILL	CU YD	41	41	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	699	571	128
25000110	SEEDING, CLASS 1A	ACRE	0.30	0.2	0.1
			0		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23	18	5
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23	18	5
25100630	EROSION CONTROL BLANKET	SQ YD	699	571	128
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	30	20	10
28000510	INLET FILTERS	EACH	73	69	4
35102100	AGGREGATE BASE COURSE, TYPE B, 9"	SQ YD	363	363	
35501312	HOT-MIX ASPHALT BASE COURSE, 7"	SQ YD	224	224	
		5	420		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14,502	11,055	3,447
40600370	LONGITUDINAL JOINT SEALANT	FOOT	12,292	9,920	2,372
40600400	MIXTURE FOR CRACKS, JOINTS & FLANGEWAYS	TON	20	14	6
					,
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	212	198	14
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	887	676	211
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1,805	1,376	429
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3,755	3,755	
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	73	73	
42400800	DETECTABLE WARNINGS	SQ FT	568	568	

* SPECIALTY ITEMS

REVISED

REVISED

REVISED

REVISED +

DESIGNED

CHECKED

DRAWN

DATE

TO STA.

CONSTR. CODE

STREAMWOOD

BARTLETT

				BARILEII	STREAMWOOD
				75% FEDERAL	75% FEDERAL
			-	25% LOCAL	25% LOCAL
		ľ		ROADWAY	ROADWAY
			TOTAL	0005	0005
44000100	PAVEMENT REMOVAL	SQ YD	30	30	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	21,260	16,153	5,107
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	194	194	
		Y A			
44000600	SIDEWALK REMOVAL	SQ FT	4,135	4,135	
44003100	MEDIAN REMOVAL	SQ FT	2,512	2,512	
44201690	CLASS D PATCHES, TYPE I, 4 INCH	SQ YD	164	164	
44201692	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	164	164	
44201694	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	328	328	
			16		
44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	662	662	
44201725	CLASS D PATCHES, TYPE I, 7 INCH	SQ YD	51		51
44201729	CLASS D PATCHES, TYPE II, 7 INCH	SQ YD	51		51
44201733	CLASS D PATCHES, TYPE III, 7 INCH	SQ YD	102		102
44201735	CLASS D PATCHES, TYPE IV, 7 INCH	SQ YD	102		102
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	33		33
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	48	48	
<u>-</u>					
55100700	STORM SEWER REMOVAL 15"	FOOT	48	48	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
				_	
60251710	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 20 FRAME AND GRATE	EACH	4	4	
1 2 2 2 7 2 3		2,1011			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	14	14	
- 3333330	Services Contract Con	1301	'	1	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	167	167	
55555555	TOTAL MARKET CONTRACT	1 1001	107	107	l

* SPECIAL TY ITEM

					PROVEMENT ANTITIES	
SCALE: NONE	SHEET 2	OF	4 5	HEETS	STA.	TO STA.

	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
	1345	16-00089-00-RS	соок	35	4			
Ц			CONTRACT	NO. 61	L22			
ìΊ	LILLINOIS FED. AID PROJECT							

CONSTR. CODE

BARTLETT STREAMWOOD

					BARTLETT	STREAMWOOD
					-	75% FEDERAL
					75% FEDERAL	
١					25% LOCAL	25% LOCAL
					ROADWAY	ROADWAY
				TOTAL	0005	0005
	CODE NO.	ITEM	UNIT	QUANTITY	URBAN	URBAN
			4			
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	25	25	
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4	
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
$* \mid$	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	20	20	
	67100100	MOBILIZATION	L SUM	1	0.7	0.3
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.7	0.3
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
-						
ı	70300100	SHORT TERM PAVEMENT MARKING	FOOT	777	462	315
Ì						
ı	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	259	154	105
ı						
- 1	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	9,576	6,696	2,880
İ						
Ì	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	12,883	9,950	2,933
Ì						
ı	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	195	195	
-						
ı	72000100	SIGN PANEL - TYPE 1	SQ FT	45	45	
1						
ı	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	15	15	
ı	, 2 100310	NETTOVE STORY TYREE THE I	3411		13	
ł	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	150	150	
	72000100	TELESCOTING STELE SION SOTTON	1001	130	130	
$_{*}\mid$	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	314	277	37
ł	, 5500100	THE RESIDENT WESTERN FOR MANAGED STEED AND STEEDOLS	79411	317	211	3,
$_{*}$	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9,576	6,696	2,880
	70000200	THE MADE TO THE PRODUCTION OF THE T	1001	3,370	3,030	2,000
$_{*}\mid$	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	12,883	9,950	2,933
	70000400	THEMPOLEASTIC LAVENENT MAIMMO - LINE U	FUU1	12,003	9,90∪	2,933
*	78000500	THERMODIASTIC DAVEMENT MADVING LINE 9"	FOOT	112	117	
·" [70000300	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	1001	112	112	

CHASTAIN
& ASSOCIATES LLC
CONSULTING ENGINEERS

PLOT DATE

USER NAME = _USER_	DESIGNED	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 / in.	CHECKED	REVISED -
PLOT DATE = 3/14/2025	DATE	REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

NORTH AVENUE IMPROVEMENT SUMMARY OF QUANTITIES									
Γ	SCALE:	NONE	SHEET	3	OF	4	SHEETS	STA.	TO STA.

Ī	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
	1345	16-00089-00-RS	соок	35	5
Ļ			CONTRACT	NO. 6	1L22
		LILLINOIS LEED A	AID PROJECT		

CONSTR. CODE

					CONST	R. CODE
					BARTLETT	STREAMWOOD
					75% FEDERAL	75% FEDERAL
					-	
r				NI-	25% LOCAL	25% LOCAL
					ROADWAY	ROADWAY
				TOTAL	0005	0005
	CODE NO.	ITEM	UNIT	QUANTITY	URBAN	URBAN
ŀ	CODE NO.	TIEW .	01111	QOAITIII	ORDAN	ONDAIN
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,435	1,435	
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	195	195	
ŀ	,0000030	THE WIND BOTTLE TWEETERS TO WINDOWS LINE EV	1001	133	133	
- 1				<u> </u>		_
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	46		46
- [Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
1				<u> </u>	_	
	70017105	DRAWAGE C LITHER CTRUCTURES TO BE ARRESTED.	F10::		F.2	
	2001/400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	53	52	1
	Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	1	1	
- 1				i e		
	70010700	DDAINAGE CTOUCTURE TO BE DEMOVED	FACIL	1	4	
	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	4	4	
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	400	320	80
- 1				ľ		
	X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	1,208	1,108	100
- }	A4400303	COMBINATION CORD AND GOTTER REMOVAL AND REPLACEMENT GREATER THAN TO FEET	1 1001	1,200	1,100	100
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	38	38	
			W			
ı	X6061100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	SQ FT	1,256	1,256	
1	7,0001100		3411	1,230	1,230	
	-			_		
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	52	26	26
ı				†		
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			2			
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			-	1		

CHASTAIN

& ASSOCIATES LLC

CONSULTING ENGINEERS

PLOT SCALE = 2.0000 1 in.

PLOT DATE = 3/14/2025

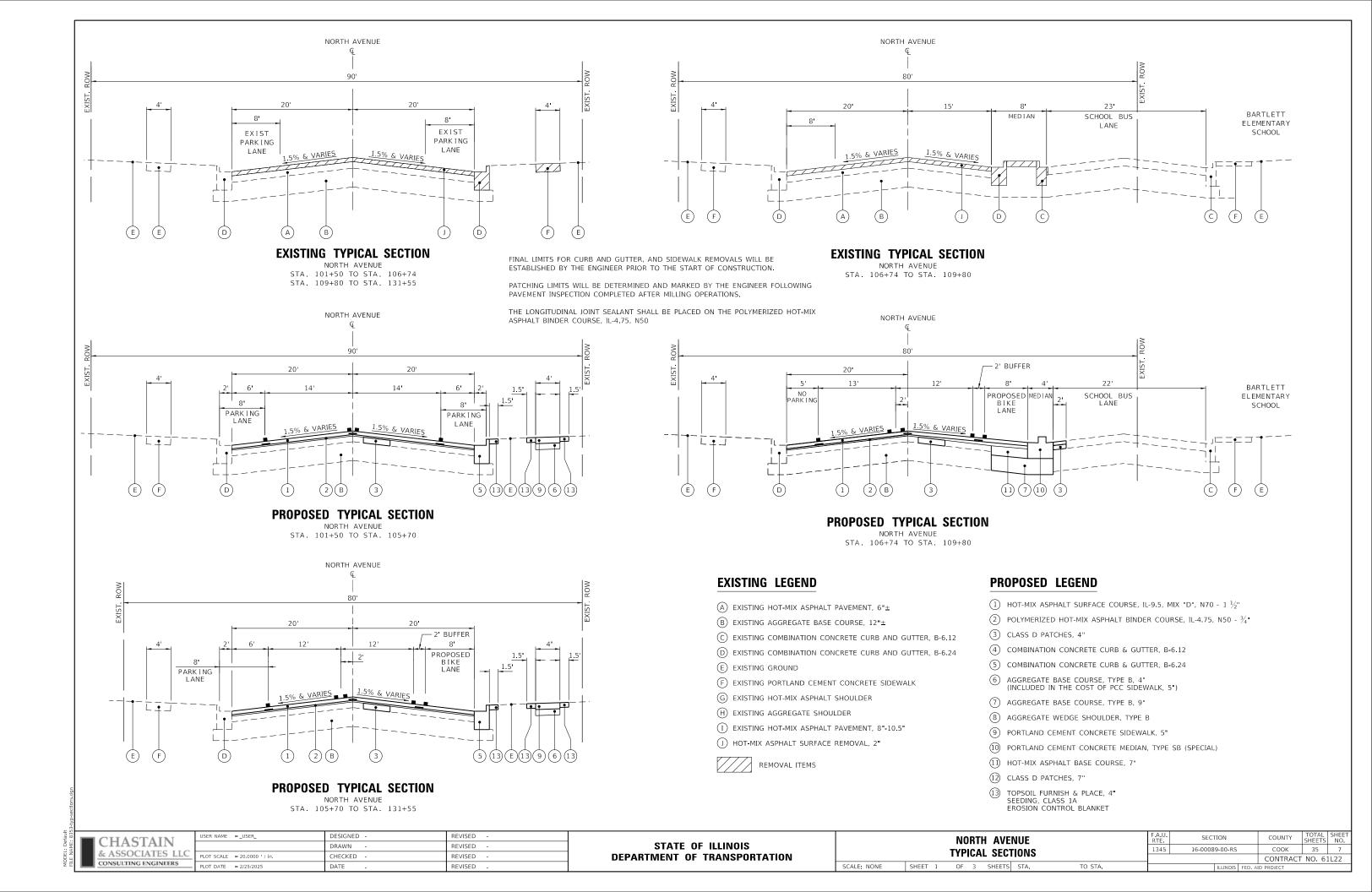
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

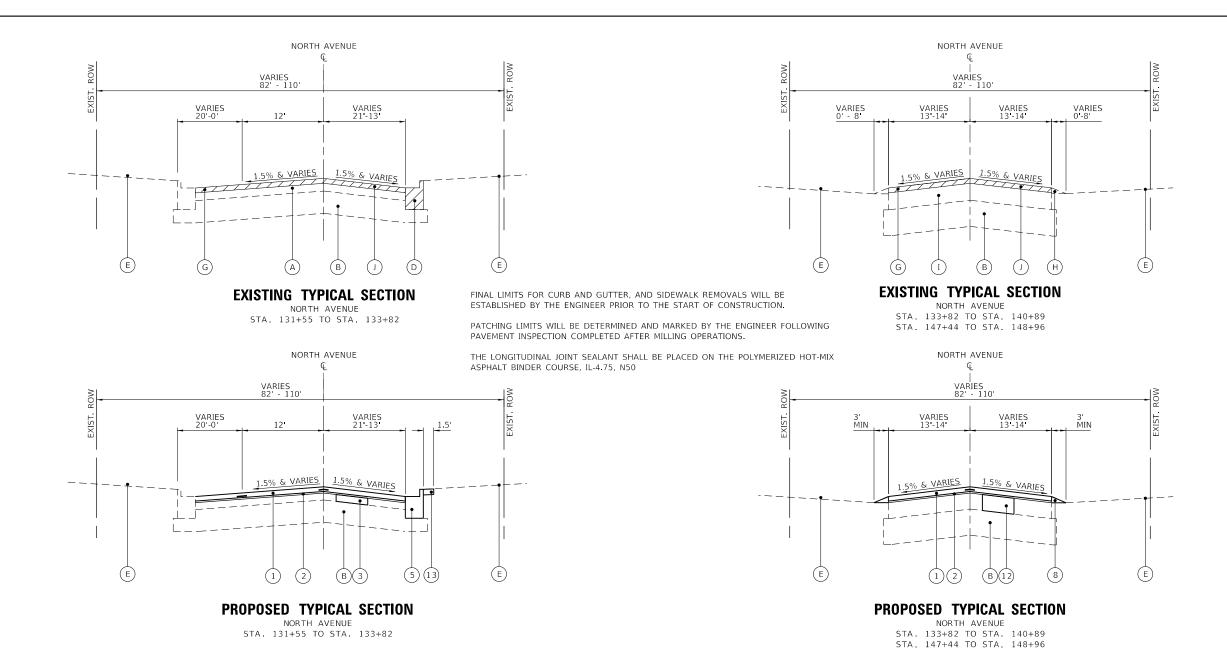
NORTH AVENUE IMPROVEMENT SUMMARY OF QUANTITIES

SHEET 4 OF 4 SHEETS STA. TO STA.

SCALE:

CONSTR. CODE





EXISTING LEGEND

- A EXISTING HOT-MIX ASPHALT PAVEMENT, 6 ±
- B EXISTING AGGREGATE BASE COURSE, 12"±
- © EXISTING COMBINATION CONCRETE CURB AND GUTTER, B-6.12
- (D) EXISTING COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- E EXISTING GROUND
- (F) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- G EXISTING HOT-MIX ASPHALT SHOULDER
- H EXISTING AGGREGATE SHOULDER
- (I) EXISTING HOT-MIX ASPHALT PAVEMENT, 8"-10.5"
- (J) HOT-MIX ASPHALT SURFACE REMOVAL, 2"



PROPOSED LEGEND

- 1 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1 $\frac{1}{2}$ "
- 2 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 3/4"
- (3) CLASS D PATCHES, 4"
- 4) COMBINATION CONCRETE CURB & GUTTER, B-6.12
- 5 COMBINATION CONCRETE CURB & GUTTER, B-6.24
- (6) AGGREGATE BASE COURSE, TYPE B, 4" (INCLUDED IN THE COST OF PCC SIDEWALK, 5")
- 7 AGGREGATE BASE COURSE, TYPE B, 9"
- (8) AGGREGATE WEDGE SHOULDER, TYPE B
- 9 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 10 PORTLAND CEMENT CONCRETE MEDIAN, TYPE SB (SPECIAL)
- 11 HOT-MIX ASPHALT BASE COURSE, 7"
- (12) CLASS D PATCHES, 7"
- (3) TOPSOIL FURNISH & PLACE, 4" SEEDING, CLASS 1A EROSION CONTROL BLANKET

HOT-MIX ASPHALT MIXTURE REQUIREMENTS MIXTURE TYPE	AIR VOIDS @ NDES	QMP
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D",N70 - 1 $\frac{1}{2}$ "	4% @ 70 GYR.	LR1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - $\frac{3}{4}$ "	3.5% @ 50 GYR.	LR1030-2
BASE COURSE WIDENING		
HOT-MIX ASPHALT BASE COURSE, 7" (HOT-MIX ASPHALT BINDER IL-19.0)	4% @ 70 GYR.	LR1030-2
PAVEMENT PATCHING		
CLASS D PATCHES (HMA BINDER IL-19nm)	4% @ 70 GYR.	LR1030-2
QMP DESIGNATION IS QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

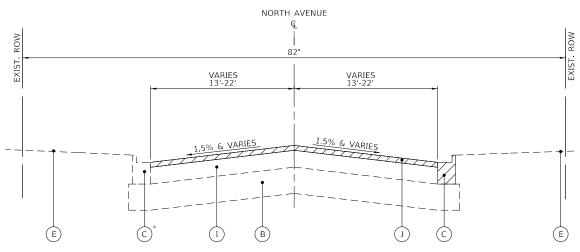
- 1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIAL PROVISIONS.

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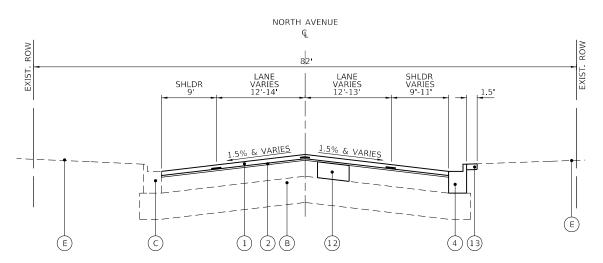
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EXISTING TYPICAL SECTION

NORTH AVENUE STA. 140+89 TO STA. 147+44

* EX CURB AND GUTTER STA 144+59 TO STA 145+80



PROPOSED TYPICAL SECTION

NORTH AVENUE STA. 140+89 TO STA. 147+44

EXISTING LEGEND

- A EXISTING HOT-MIX ASPHALT PAVEMENT, 6°±
- B EXISTING AGGREGATE BASE COURSE, 12"±
- © EXISTING COMBINATION CONCRETE CURB AND GUTTER, B-6.12
- D EXISTING COMBINATION CONCRETE CURB AND GUTTER, B-6.24
- E EXISTING GROUND
- (F) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- G EXISTING HOT-MIX ASPHALT SHOULDER
- (H) EXISTING AGGREGATE SHOULDER
- [] EXISTING HOT-MIX ASPHALT PAVEMENT, 8 -10.5"
- J HOT-MIX ASPHALT SURFACE REMOVAL, 2"



PROPOSED LEGEND

- \bigodot HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1 $^{1}\!\!\!/_{2}$
- 2 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 3/4"
- (3) CLASS D PATCHES, 4"
- 4 COMBINATION CONCRETE CURB & GUTTER, B-6.12
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- 7 AGGREGATE BASE COURSE, TYPE B, 9"
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- 9 PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- 10 PORTLAND CEMENT CONCRETE MEDIAN, TYPE SB (SPECIAL)
- 11 HOT-MIX ASPHALT BASE COURSE, 7"
- (12) CLASS D PATCHES, 7"
- 13 TOPSOIL FURNISH & PLACE, 4" SEEDING, CLASS 1A EROSION CONTROL BLANKET

FINAL LIMITS FOR CURB AND GUTTER, AND SIDEWALK REMOVALS WILL BE ESTABLISHED BY THE ENGINEER PRIOR TO THE START OF CONSTRUCTION.

PATCHING LIMITS WILL BE DETERMINED AND MARKED BY THE ENGINEER FOLLOWING PAVEMENT INSPECTION COMPLETED AFTER MILLING OPERATIONS.

SCALE: NONE

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 $\,$

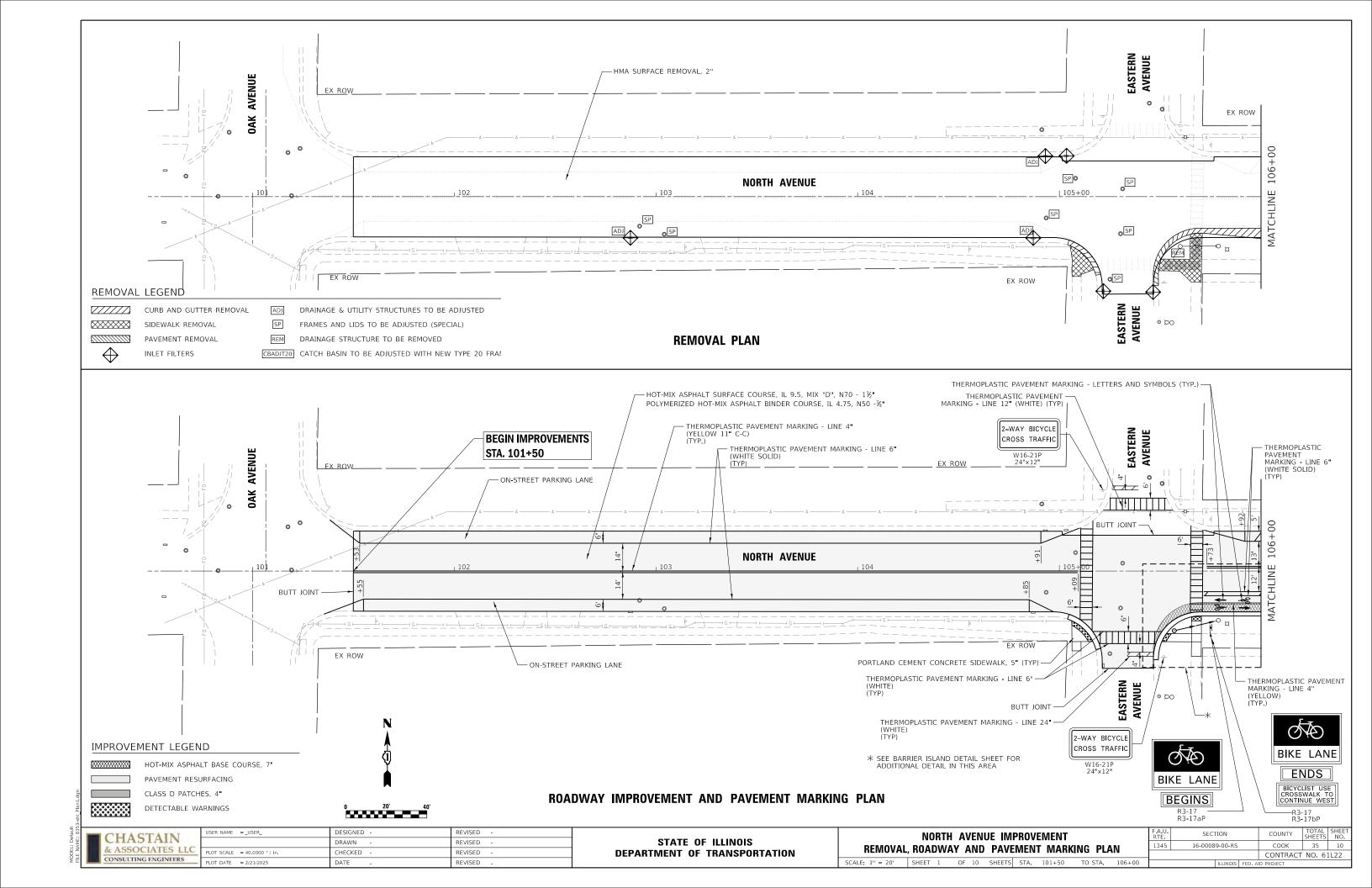
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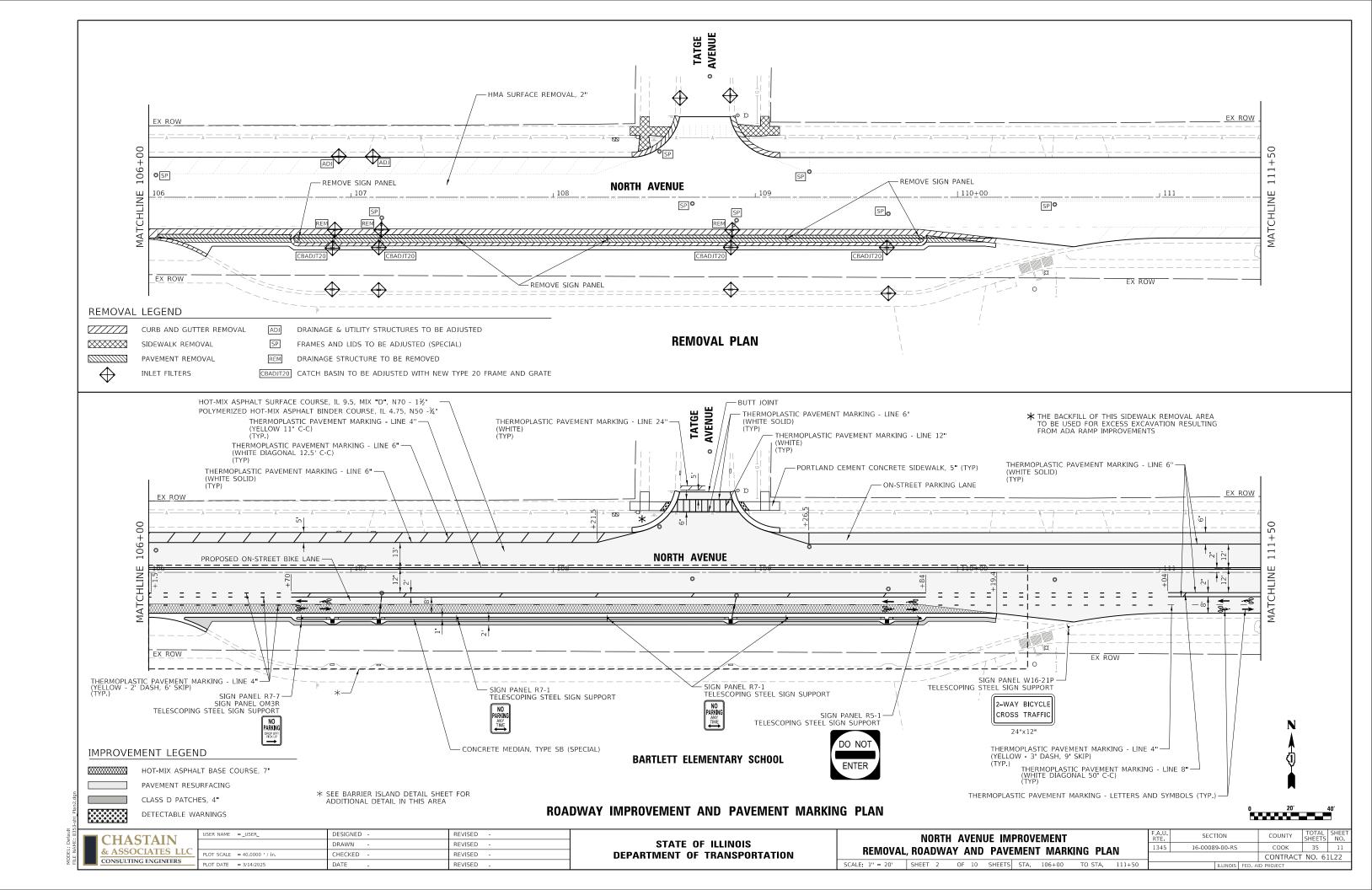
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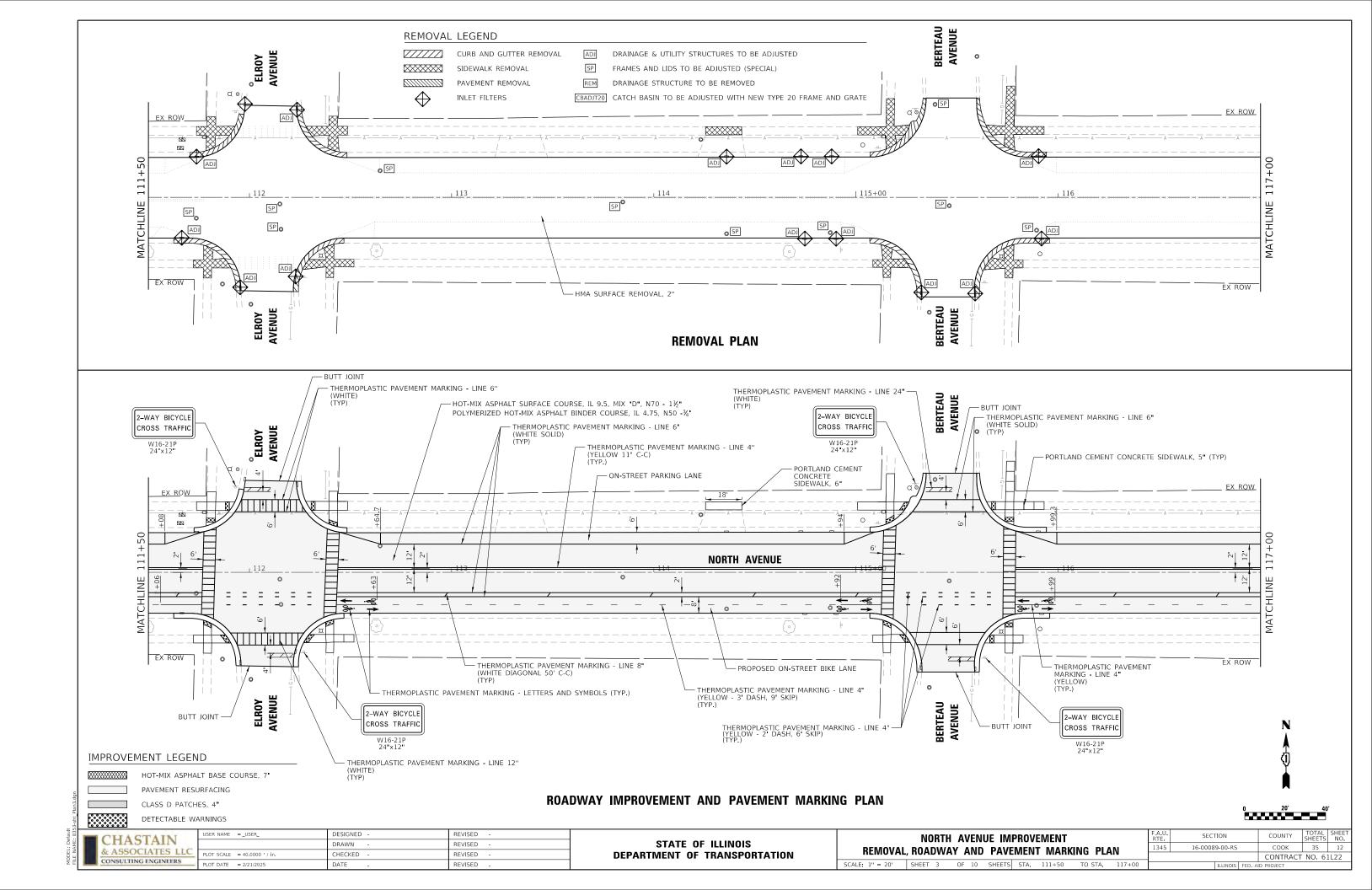
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

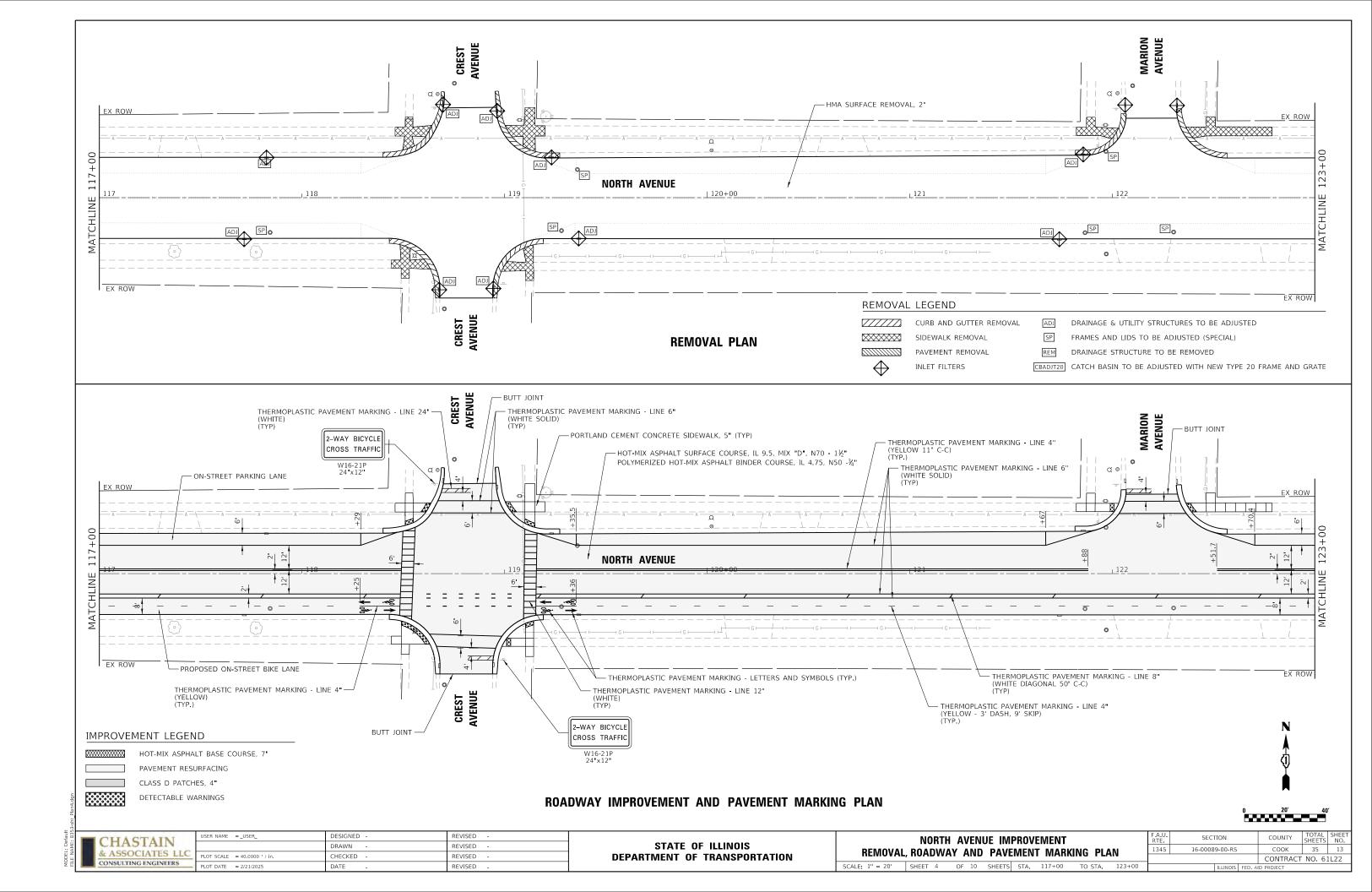
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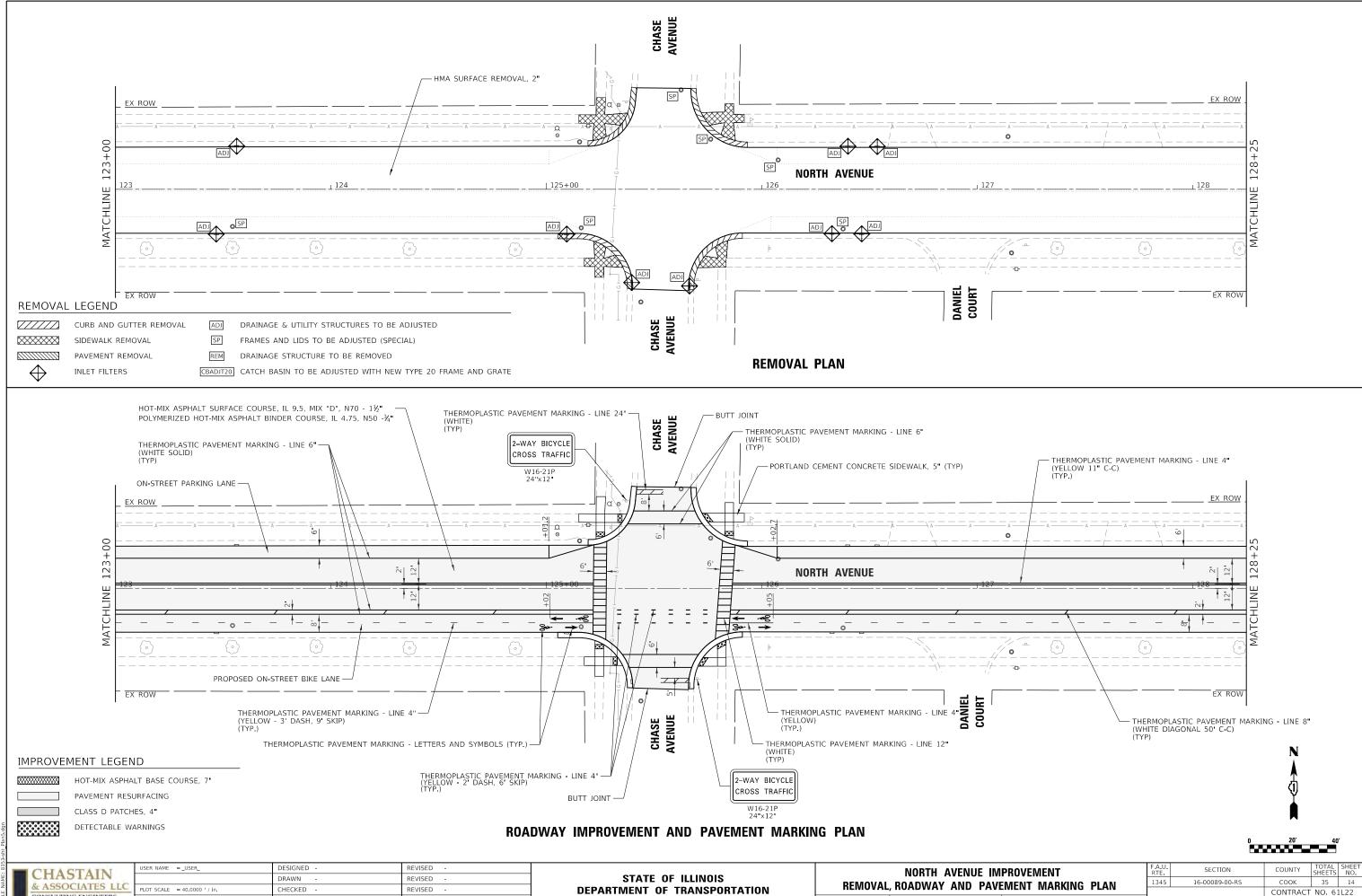
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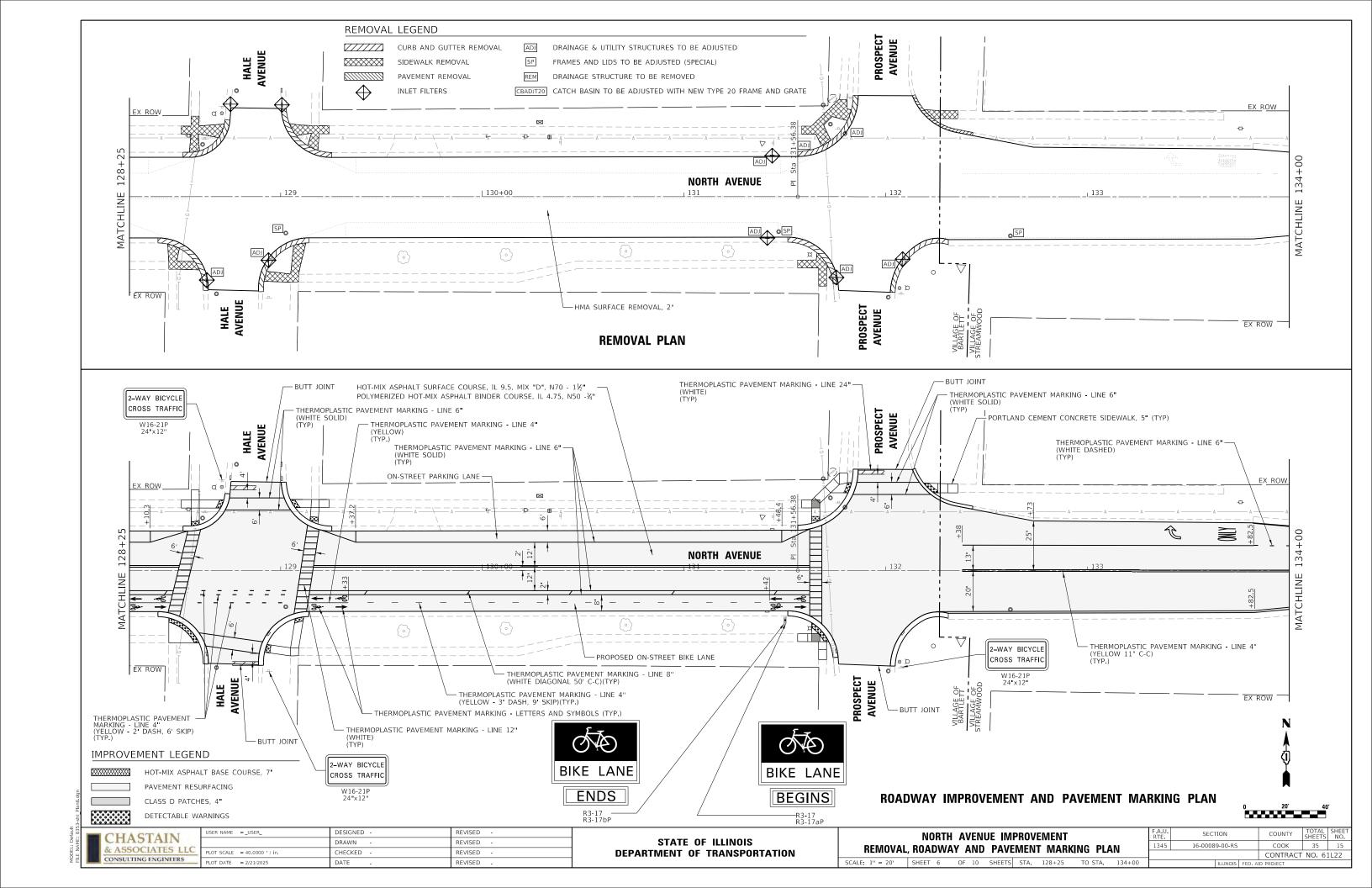


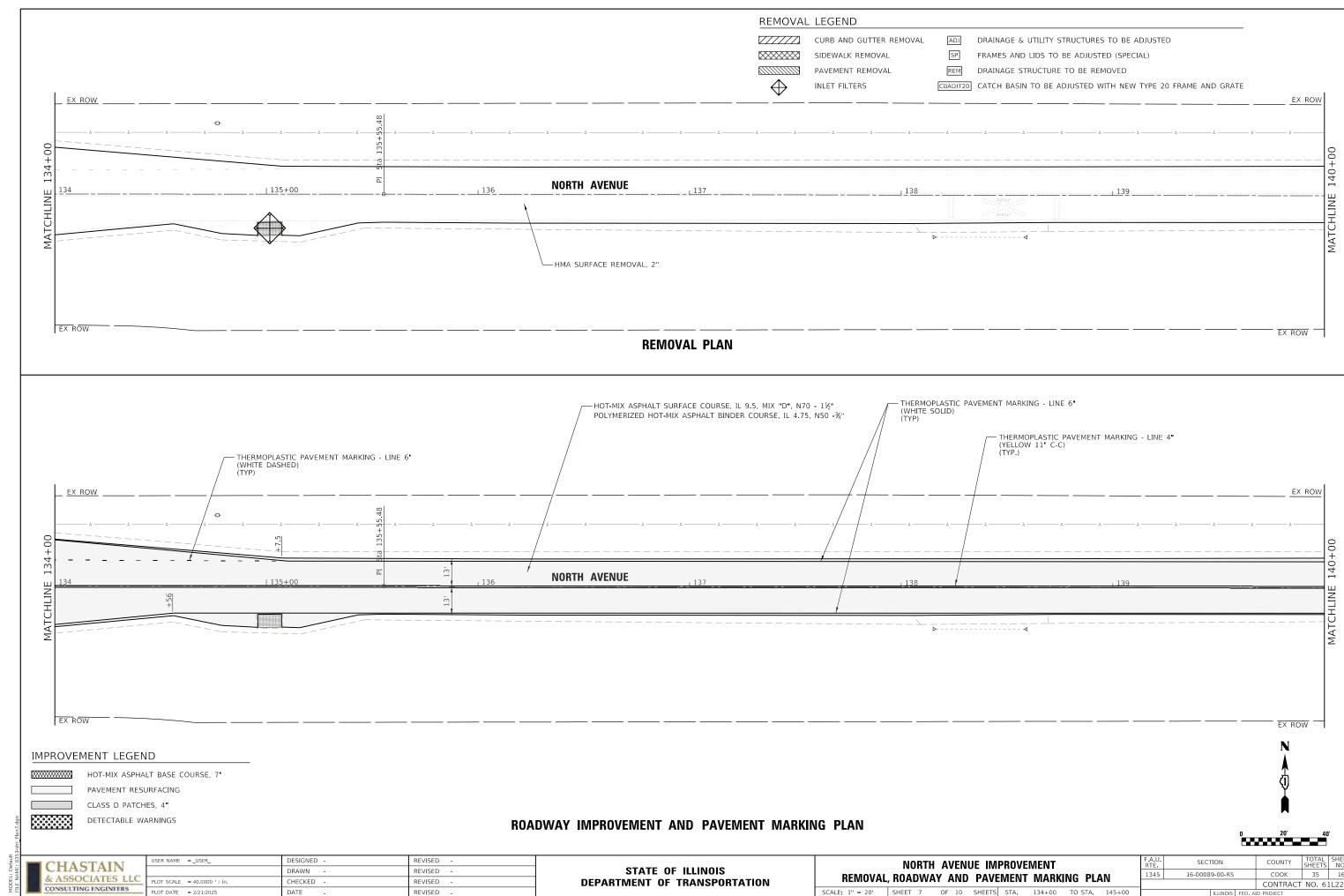


CONSULTING ENGINEERS

SCALE: 1" = 20' SHEET 5 OF 10 SHEETS STA. 123+00 TO STA. 128+25

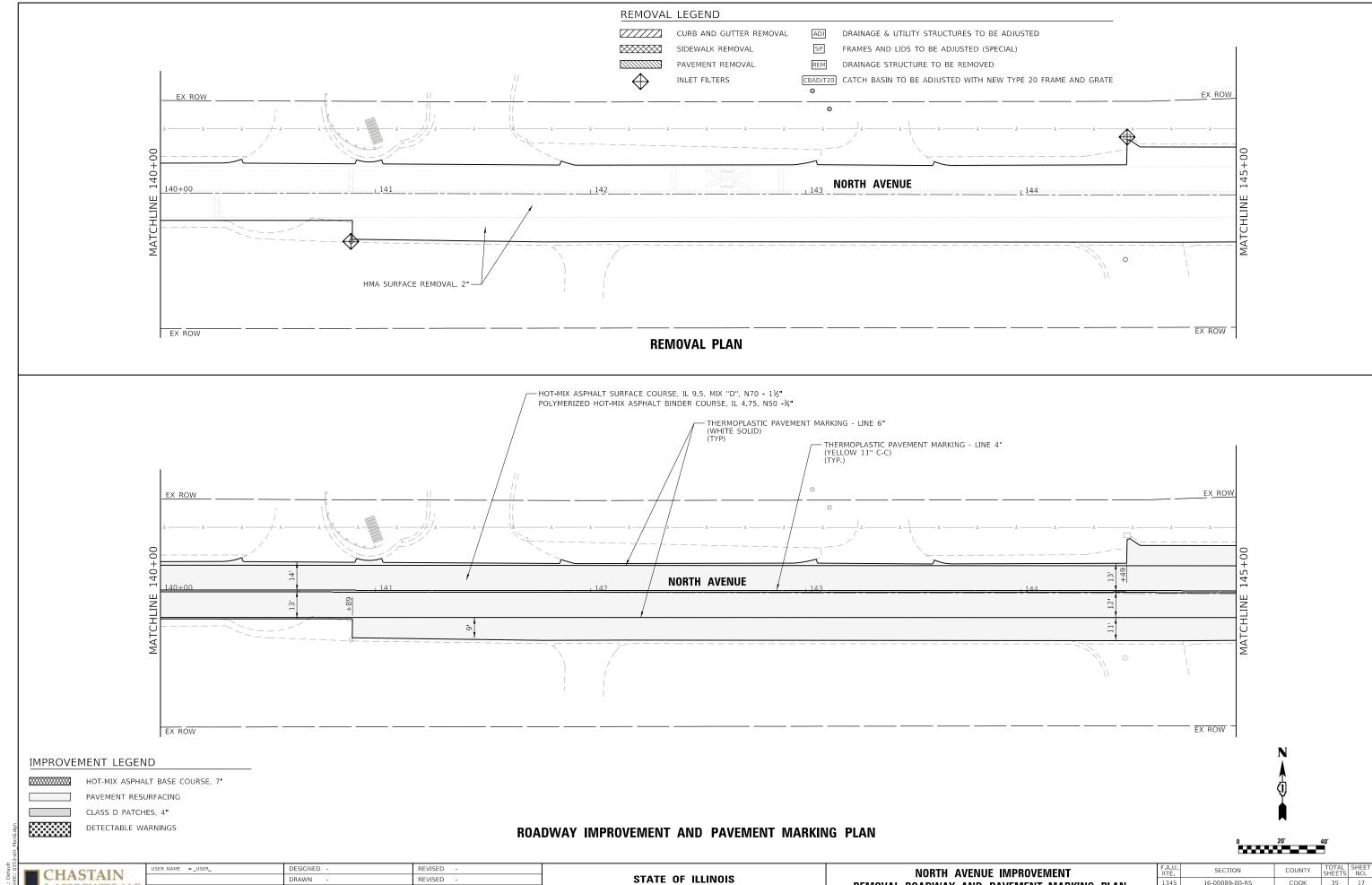
CONTRACT NO. 61L22





CONSULTING ENGINEERS

COOK 35 16 CONTRACT NO. 61L22



DEPARTMENT OF TRANSPORTATION

COOK 35 17

CONTRACT NO. 61L22

1345

REMOVAL, ROADWAY AND PAVEMENT MARKING PLAN

SCALE: 1" = 20' SHEET 8 OF 10 SHEETS STA. 140+00 TO STA. 145+00

16-00089-00-RS

ASSOCIATES LLC

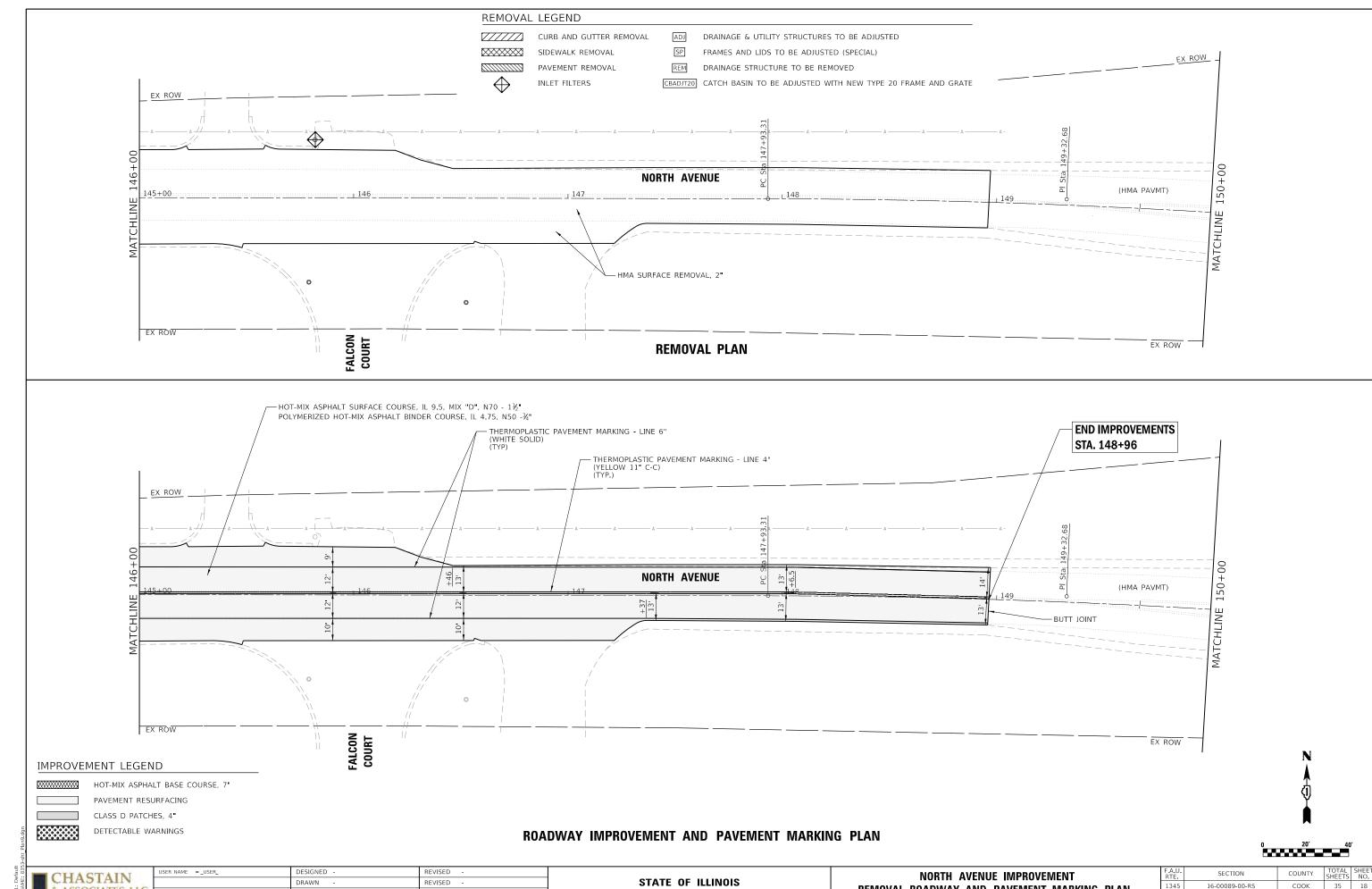
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ASSOCIATES LLC CONSULTING ENGINEERS

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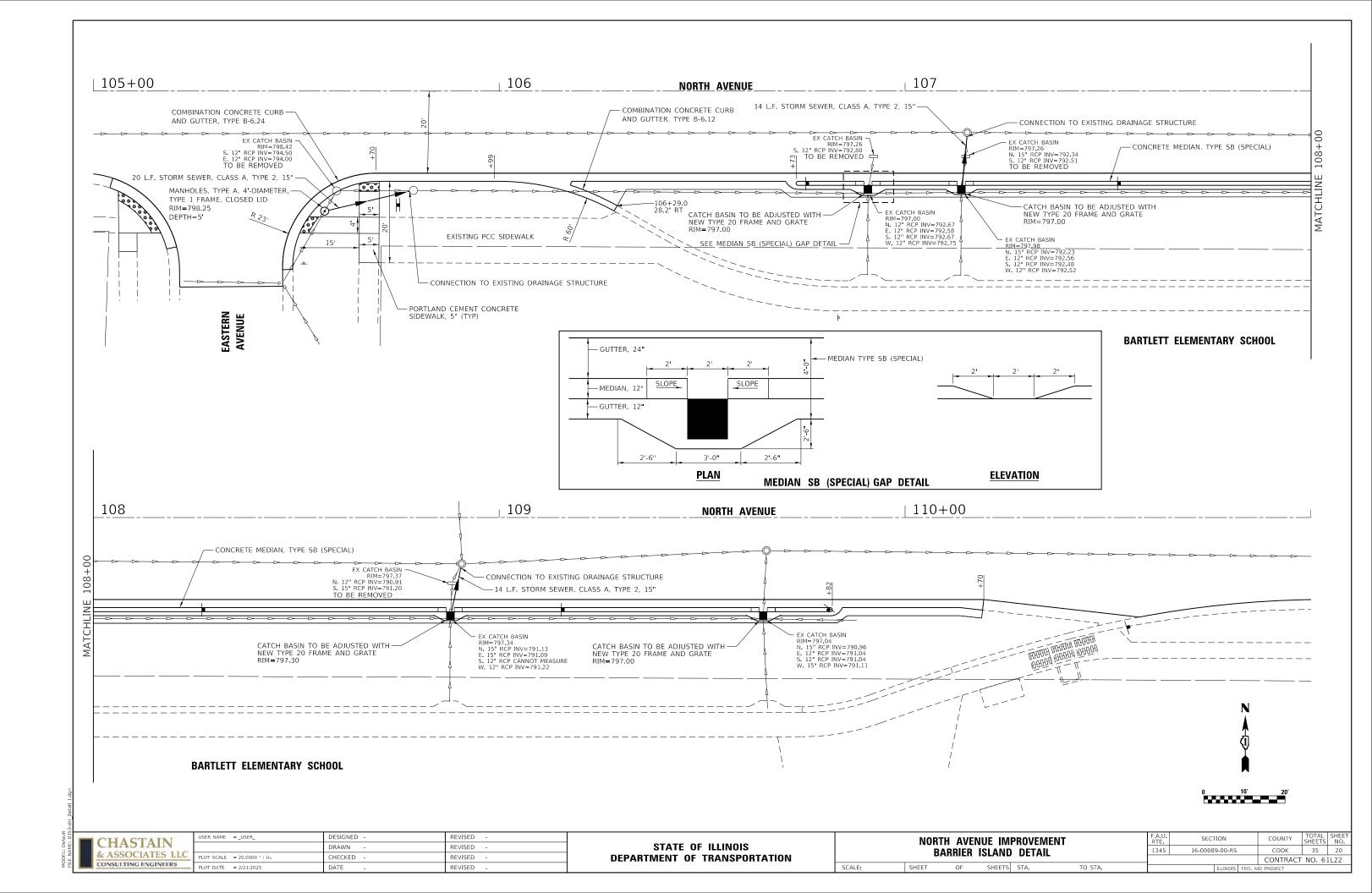
DEPARTMENT OF TRANSPORTATION

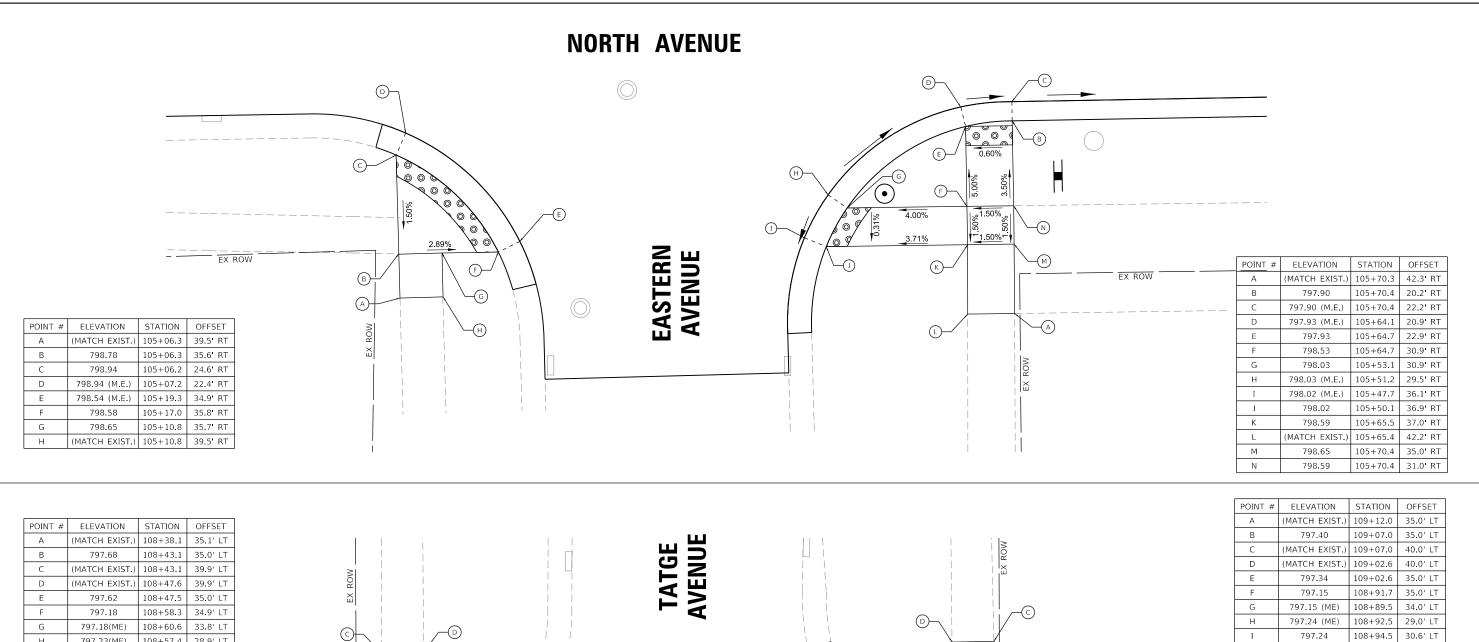
REMOVAL, ROADWAY AND PAVEMENT MARKING PLAN SCALE: 1" = 20' SHEET 9 OF 10 SHEETS STA. 145+00 TO STA. 150+00 16-00089-00-RS COOK 35 18 CONTRACT NO. 61L22

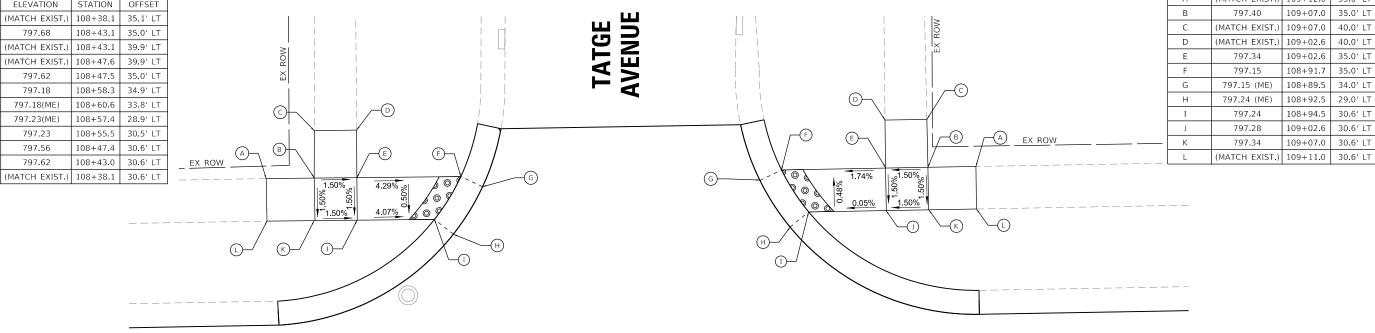


SCALE: 1" = 20' SHEET 10 OF 10 SHEETS STA. 150+00 TO STA. 154+00

CONSULTING ENGINEERS







NORTH AVENUE

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& ASSOCIATES LLC	PLOT SCALE	= 10.0000 ' / in.
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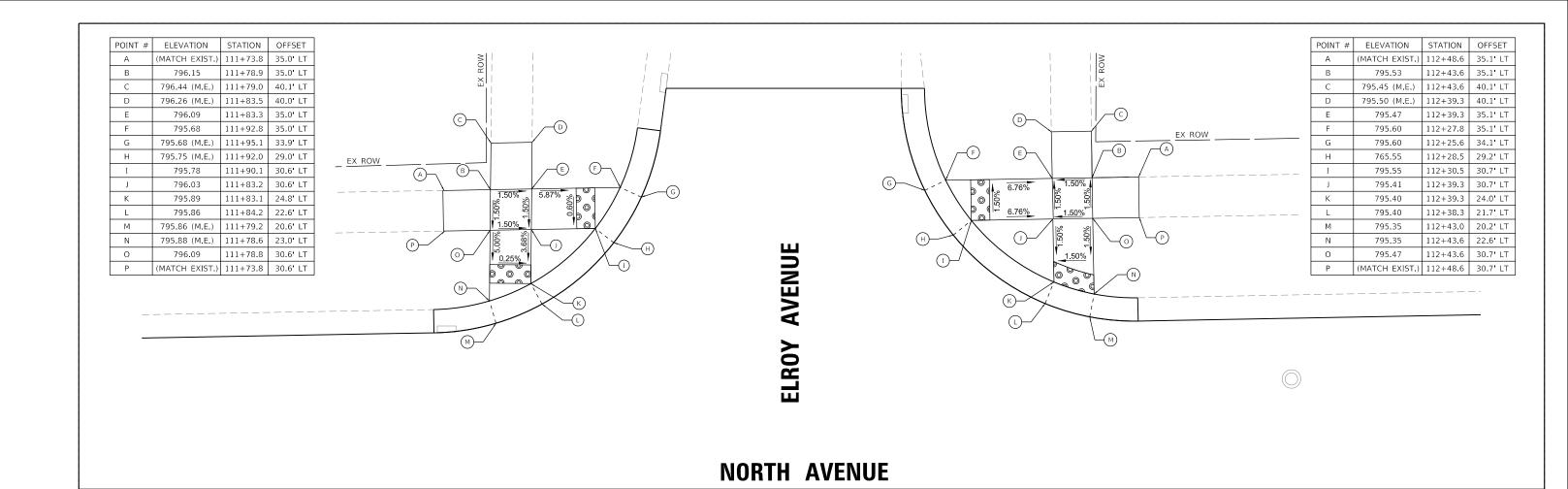
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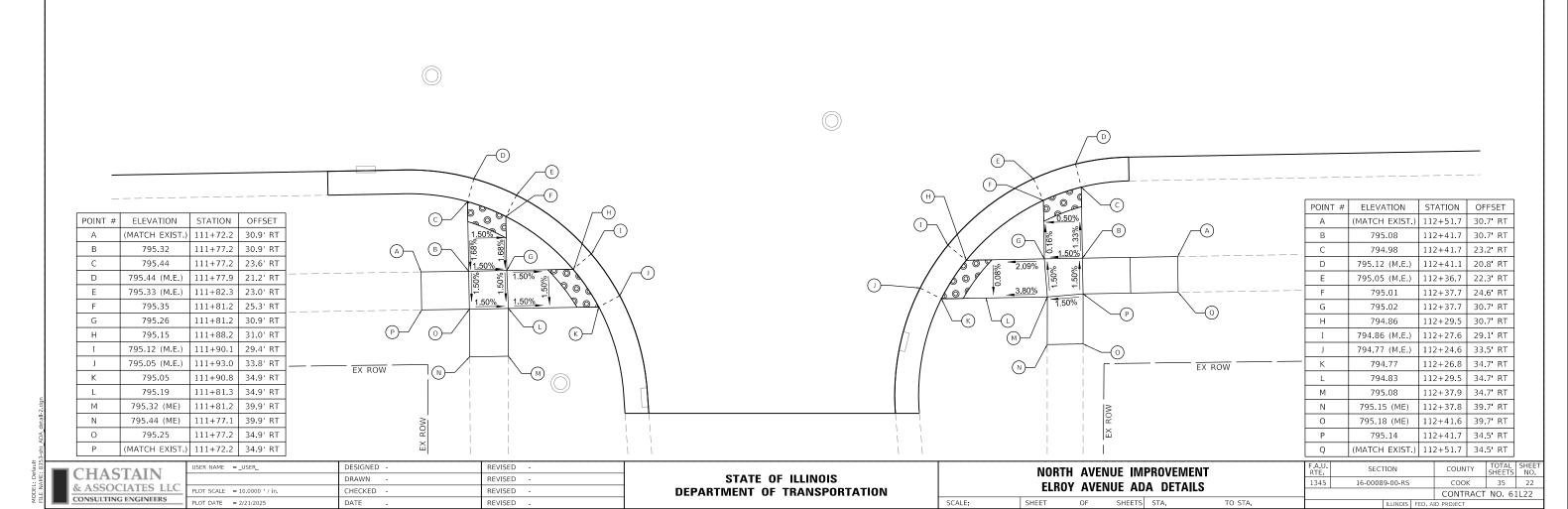
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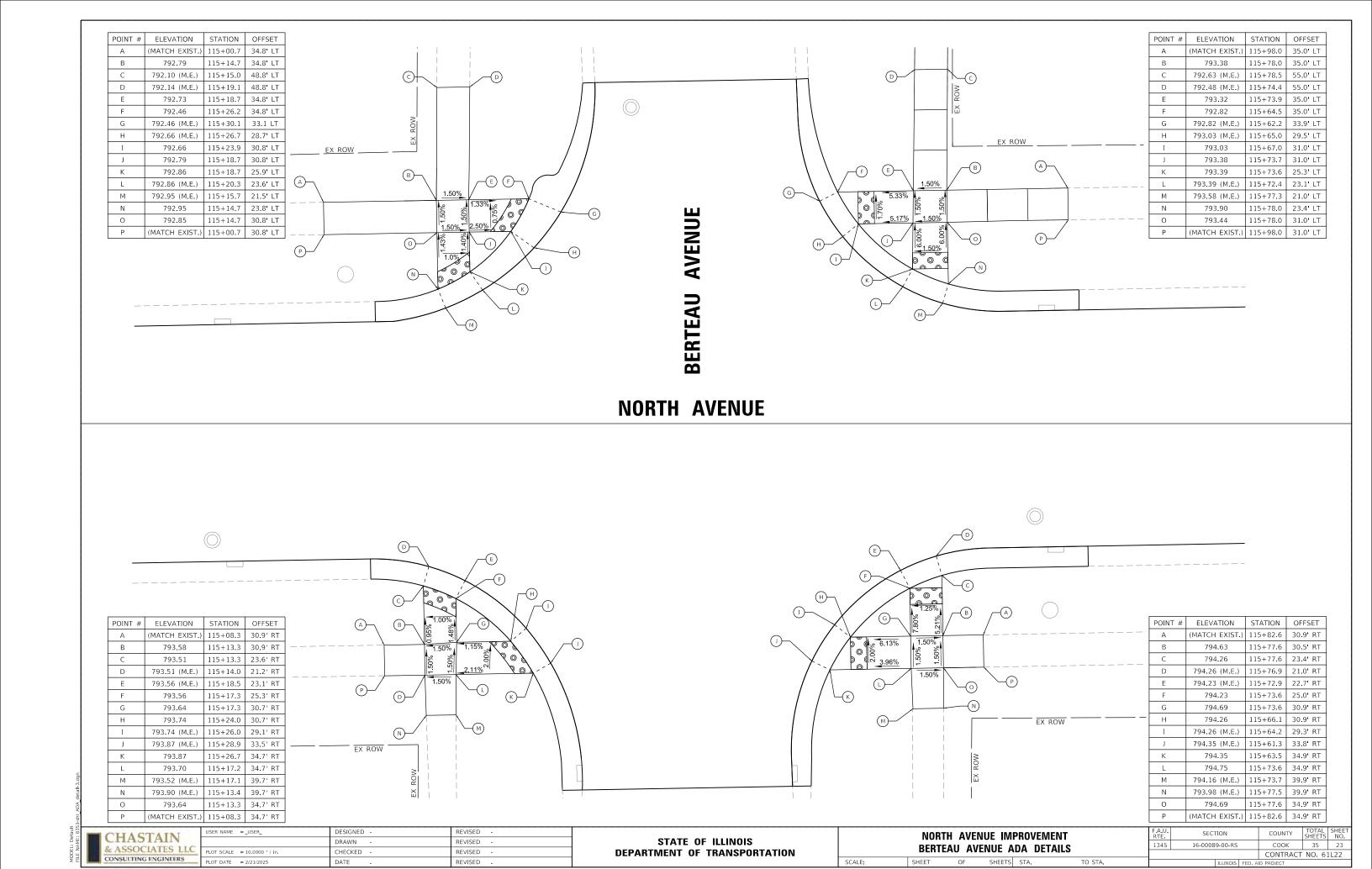
109+02.6

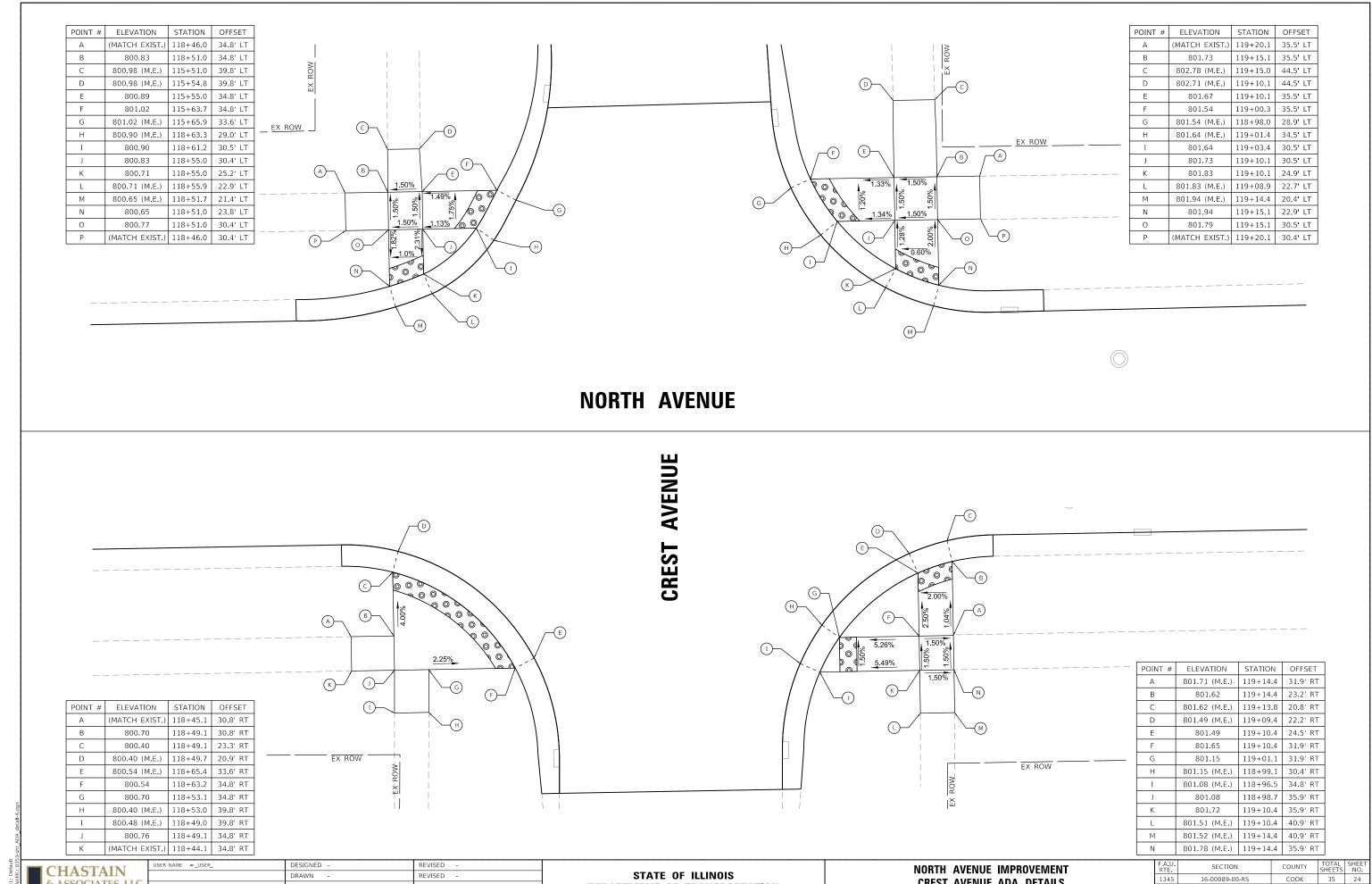
109+07.0 | 30.6' LT

30.6' LT









DEPARTMENT OF TRANSPORTATION

CREST AVENUE ADA DETAILS

SHEETS STA.

TO STA.

CONTRACT NO. 61L22

ASSOCIATES LLC

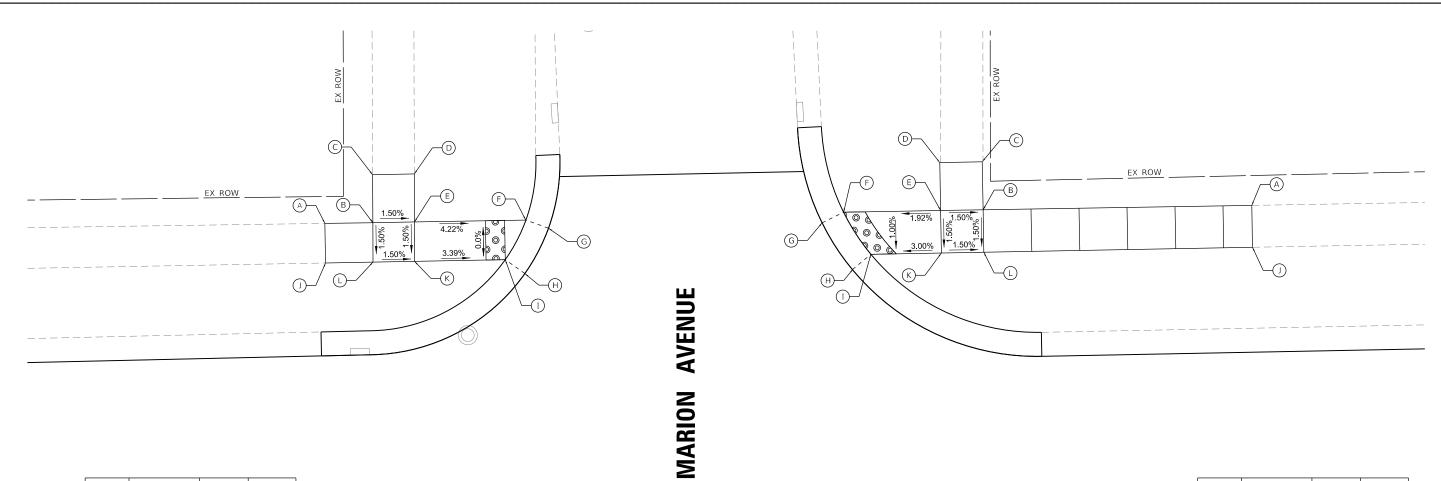
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CONSULTING ENGINEERS

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POINT #	FLEVATION	STATION	OFFSET
Α	(MATCH EXIST.)	121+82.3	34.7' LT
В	802.36	121+87.3	34.7 LT
	802.60 (M.E.)	121+87.3	39.7 LT
D	802.55 (M.E.)	424+91.7	39.7' LT
E	802.30	121+91.6	34.7' LT
F	801.81	122+03.2	34.7' LT
G	801.81 (M.E.)	122+05.6	33.8' LT
Н	801.92 (M.E.)	122+03.0	29.1' LT
I	801.92	122+01.1	30.7' LT
J	(MATCH EXIST.)	121+82.3	30.6' LT
K	802.24	121+87.2	30.6' LT
L	802.30	121+91.7	30.6' LT

NORTH AVENUE

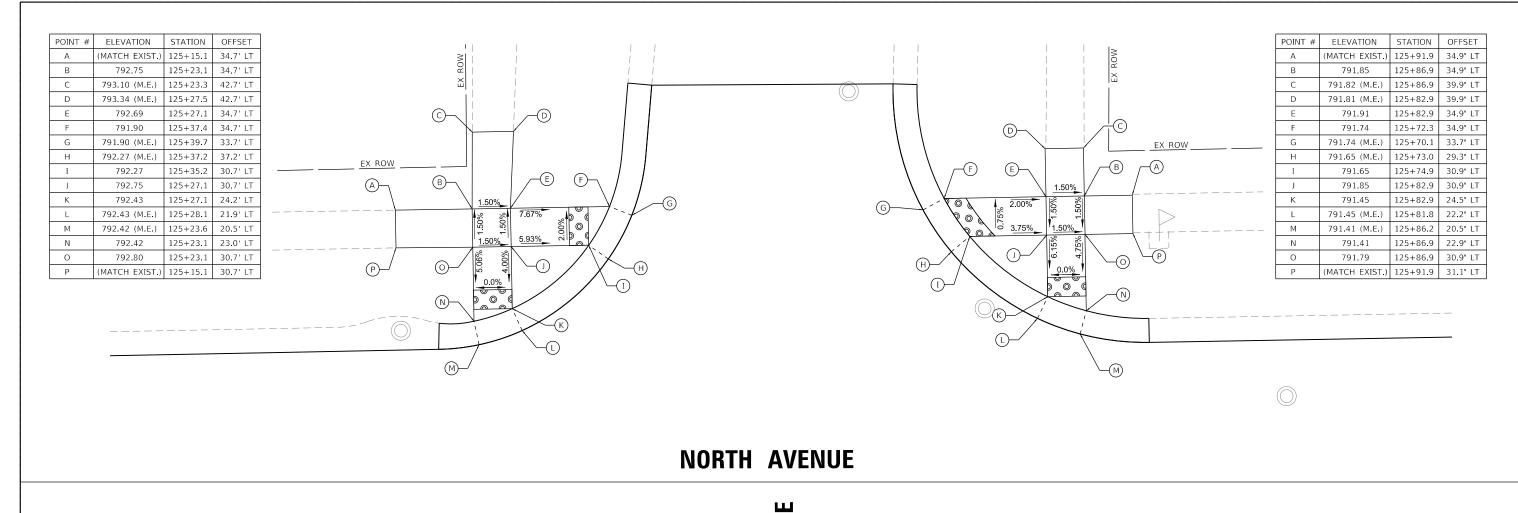
POINT #	ELEVATION	STATION	OFFSET
А	(MATCH EXIST.)	122+78.9	34.9' LT
В	801.36	122+50.9	35.0' LT
С	801.23 (M.E.)	122+50.9	40.0' LT
D	801.29 (M.E.)	122+46.4	40.0' LT
Е	801.42	122+46.4	35.0' LT
F	801.22	122+36.3	35.0' LT
G	801.22 (M.E.)	122+34.1	33.9' LT
Н	801.14 (M.E.)	122+37.1	29.0' LT
I	801.14	122+39.1	30.5' LT
J	(MATCH EXIST.)	122+78.9	30.6' LT
K	801.36	122+46.4	30.5' LT
L	801.30	122+50.9	30.5' LT

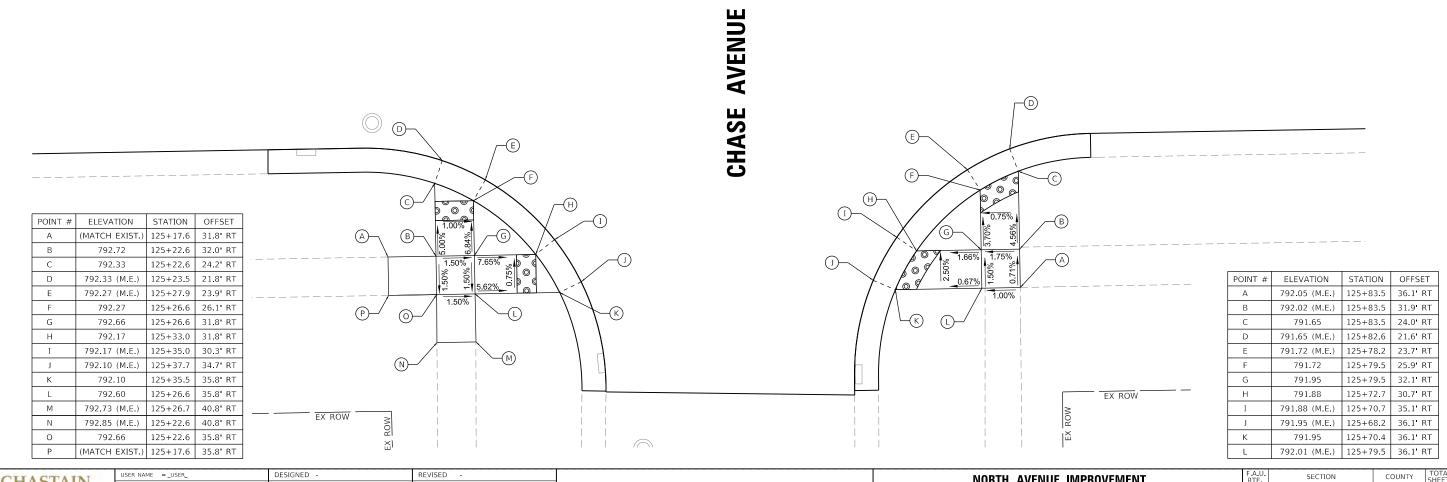
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ASSOCIATES LLC

PLOT DATE = 2/21/2025

CONSULTING ENGINEERS

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NORTH AVENUE IMPROVEMENT

CHASE AVENUE ADA DETAILS

SHEETS STA.

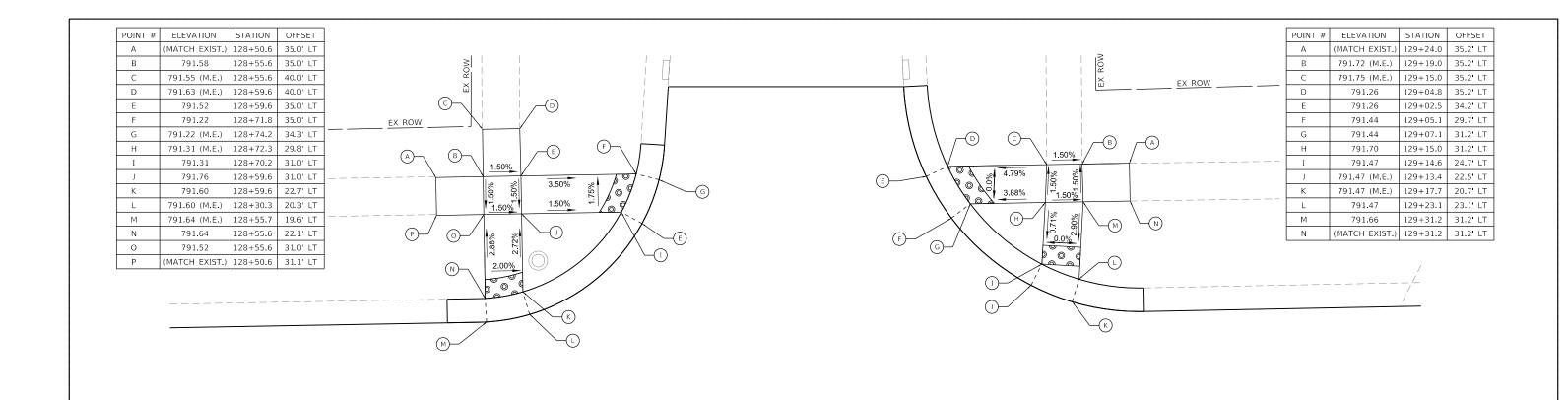
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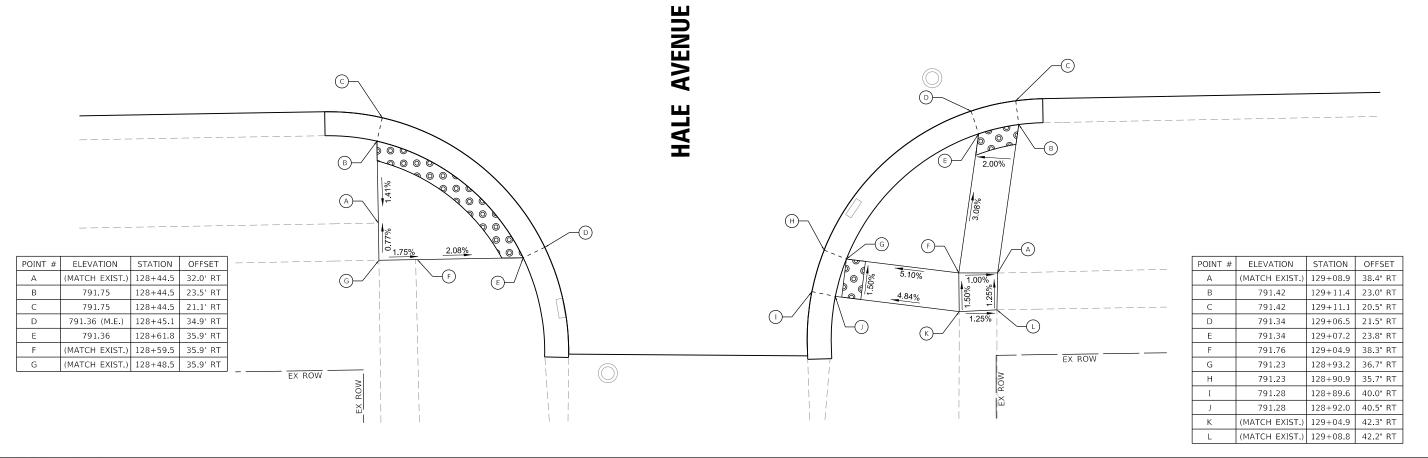
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COOK 35 26

CONTRACT NO. 61L22



NORTH AVENUE



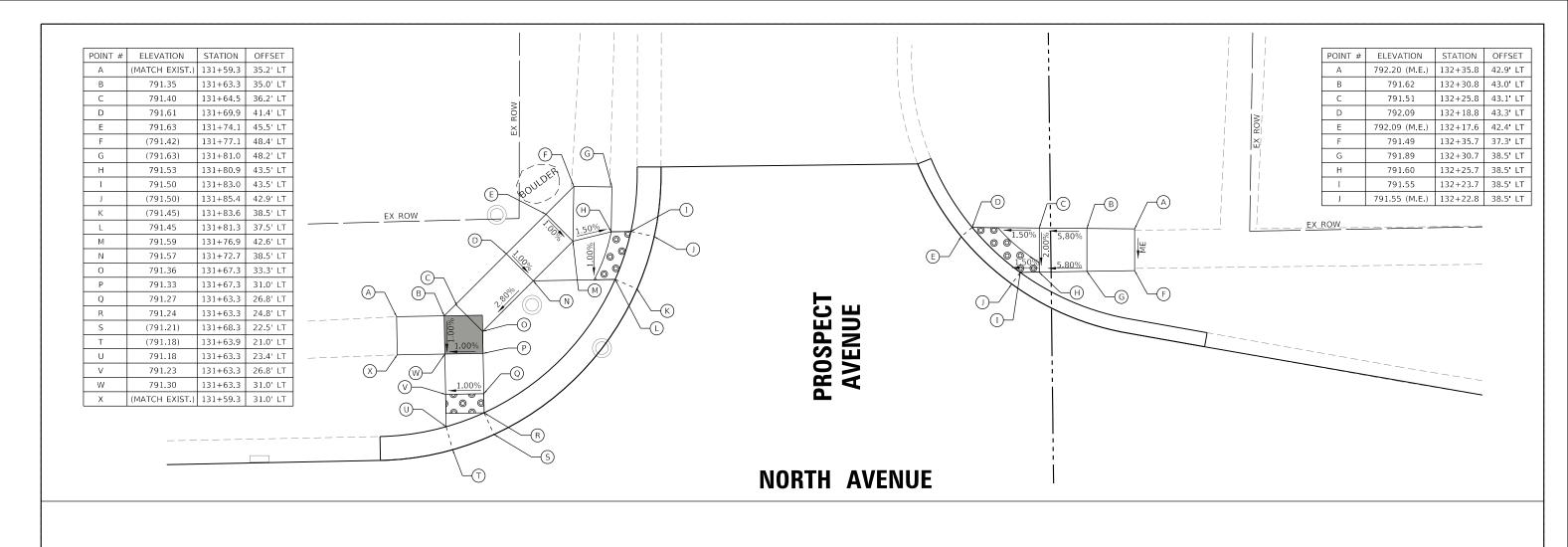
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

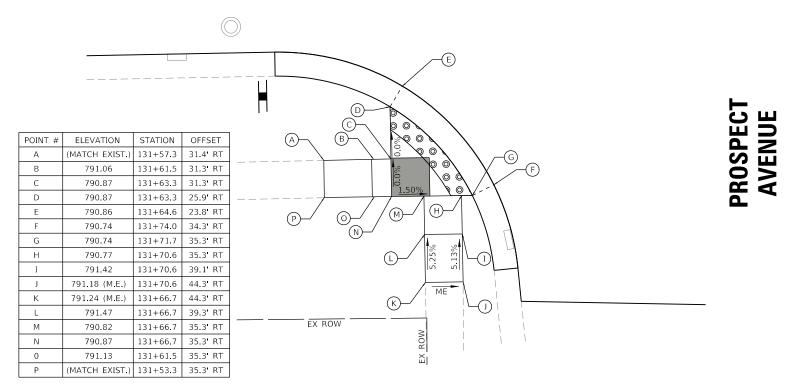
NORTH AVENUE IMPROVEMENT
HALE AVENUE ADA DETAILS

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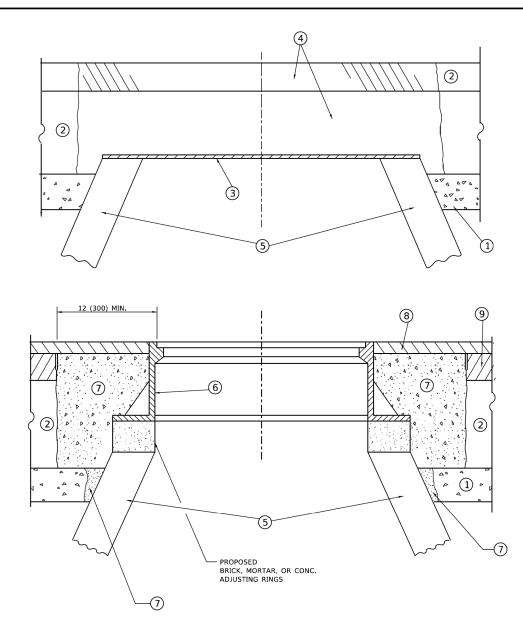
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DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

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.
- 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.
- THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- 5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

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
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) 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-2* 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."

<u>LEGEND</u>

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

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.
- 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

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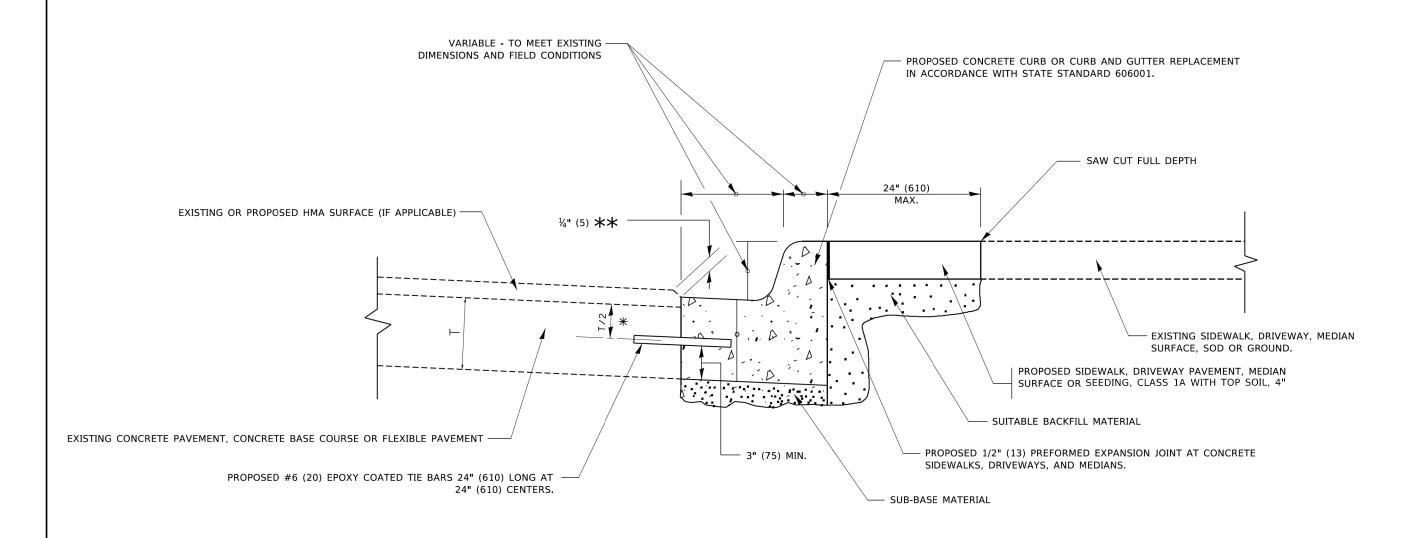
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 - REVISED
 - K. SMITH 11-18-22

 PLOT DATE
 = 2/21/2025
 DATE
 - 10-25-94
 REVISED
 - K. SMITH 09-15-23

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AVENUE IMPROVEMENT
FRAMES AND LIDS ADJUSTMENT WITH MILLING

BE SHEET 1 OF 7 SHEETS STA. TO STA.



- \divideontimes 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- $\star\star$ IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

MODIFIED

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

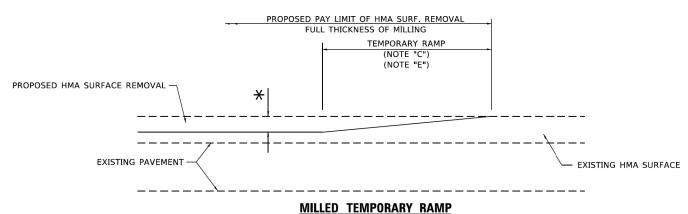
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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& ASSOCIATES LLC	PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09
CONSULTING ENGINEERS	PLOT DATE = 2/21/2025	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

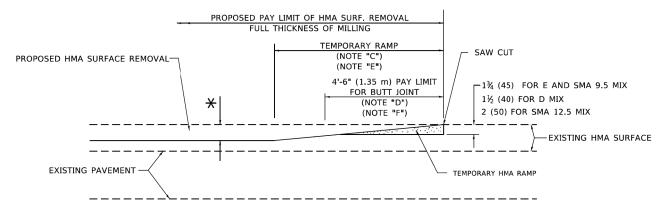
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(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

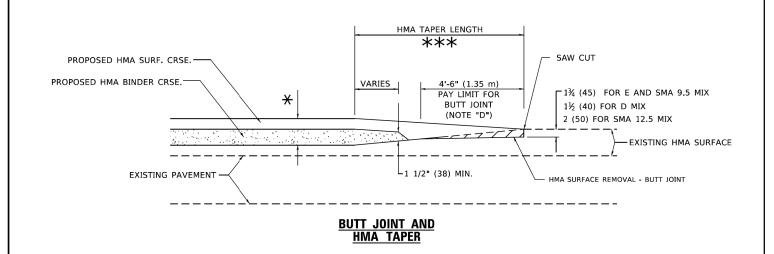


HMA CONSTRUCTED TEMPORARY RAMP

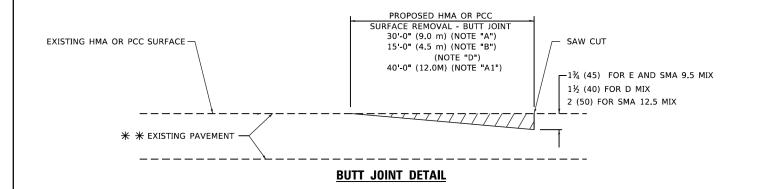
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

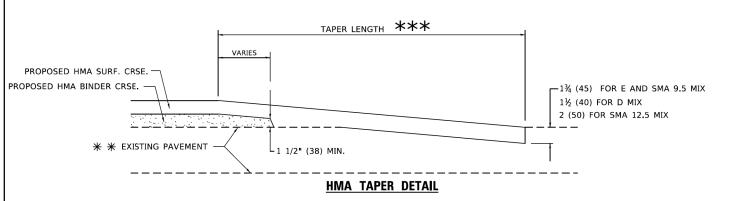
OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING





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.
- 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

- 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.

CHASTAIN ASSOCIATES LLC

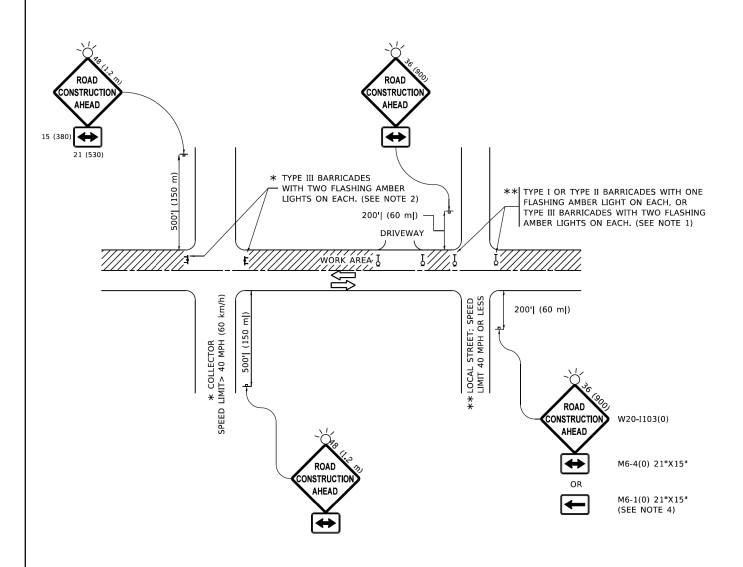
USER NAME = _USER_	DESIGNED - M. DE YONG	REVISED - A. ABBA 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 2.0000 / in	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 2/21/2025	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

			NUE IMI AND H		
SCALE: NONE	SHEET 3	OF 7	SHEETS	STA.	

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHE
1345	16-00089-00-RS	соок	35	31
	BD400-05 (BD-32)	CONTRACT	NO. 6	1L22

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NOTES:

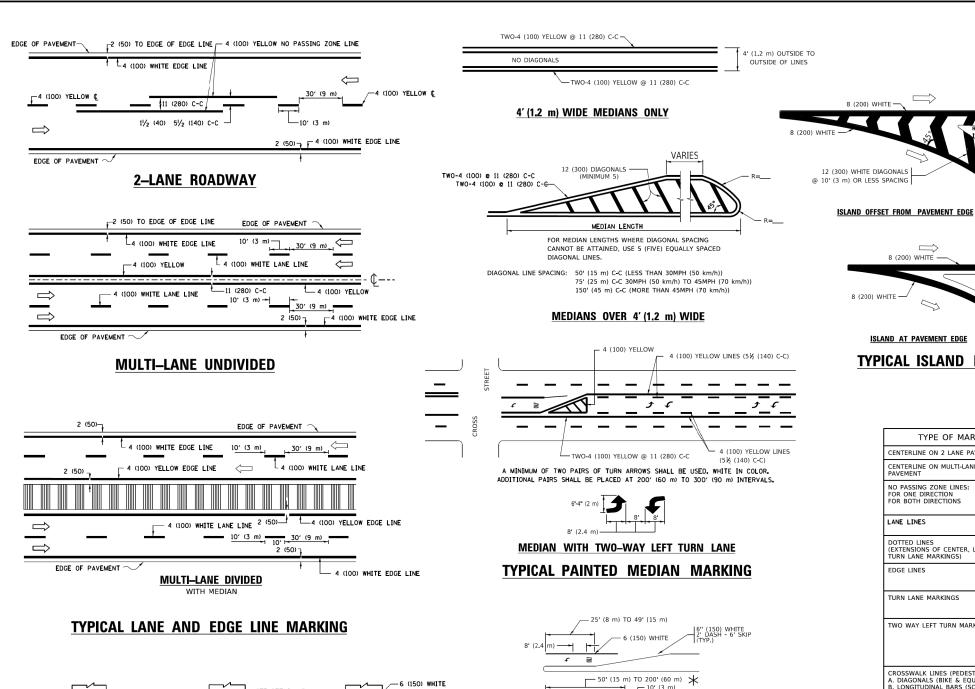
- 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 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.
- THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY
 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
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
 4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL
 BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- 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.



USER NAME = _USER_	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00
	DRAWN -	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 2/21/2025	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

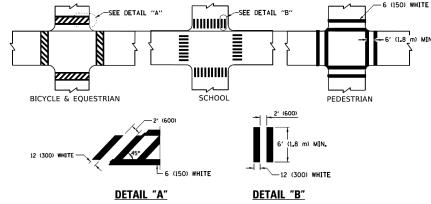


16' (5 m) 10' (3 m) 10' (3 m) 6 (150) WHITE OVER 200' (60 m) ___ 6 (150) WHITE \uparrow AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m)² * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL

SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL CROSSWALK MARKING

 $m{\star}$ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

DESIGNED - EVERS REVISED - C. JUCIUS 09-09-09 CHASTAIN DRAWN REVISED - C. JUCIUS 07-01-13 ASSOCIATES LLC LOT SCALE = 2.0000 ' / in. HECKED REVISED - C. JUCIUS 12-21-15 CONSULTING ENGINEERS DATE PLOT DATE = 2/21/2025

DEPARTMENT OF TRANSPORTATION

35 33 T NO. 61L22

2 (50) ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING LANE REDUCTION TRANSITION * LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS. **U-TURN** TYPE OF MARKING WIDTH OF LINE PATTERN COLOR SPACING / REMARKS CENTERLINE ON 2 LANE PAVEMENT YELLOW 10' (3 m) LINE WITH 30' (9 m) SPACE YELLOW NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS 5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN LANE LINES SKIP-DASH SKIP-DASH 10' (3 m) LINE WITH 30' (9 m) SPACE (125) ON FREEWAYS DOTTED LINES SAME AS LINE BEING EXTENDED SKIP-DASH SAME AS LINE BEING EXTENDED 2' (600) LINE WITH 6' (1,8 m) SPACE (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS) EDGE LINES 4 (100) SOLID YELLOW-LEFT WHITE-RIGHT OUTLINE MEDIANS IN YELLOW 6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m)) TURN LANE MARKINGS SOLID SEE TYPICAL TURN LANE MARKING DETAIL WHITE TWO WAY LEFT TURN MARKING 2 @ 4 (100) EACH DIRECTION YELLOW 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL 3' (2.4m) LEFT ARROW CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL) NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS. 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 STOP LINES 24 (600) SOLID WHITE PAINTED MEDIANS 11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING. 2 @ 4 (100) WITH 12 (300) DIAGONALS SOLID YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS 8 (200) WITH 12 (300) DIAGONALS @ 45° SOLID DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h)) 24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X" RAILROAD CROSSING SOLID WHITE SEE STATE STANDARD 780001 50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h)) WHITE - RIGHT YELLOW - LEFT SHOULDER DIAGONALS (REQUIRED FOR 12 (300) @ 45° SOLID HOULDERS > 8') U TURN ARROW SEE DETAIL SOL TO WHITE

COMBINATION

LEFT AND U-TURN

5'-4" (1620)

2 (50)

RAISED

8 (200) WHITE -

2 ARROW COMBINATION LEFT AND U TURN

SCALE:

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE

CONSTRUCTION AND STATE STANDARD 780001.

8 (200) WHITE -

unless otherwise shown.

30.4 SF

D(FT)

345

425

665

750

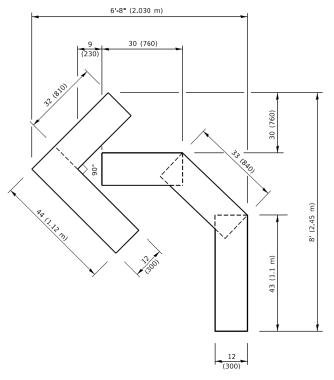
SPEED LIMIT

55

STATE OF ILLINOIS

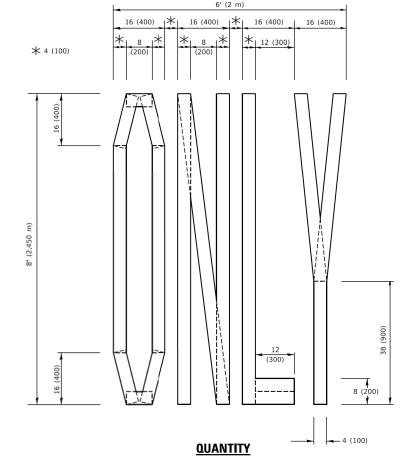
	NORTH AVENUE IMPROVEMENT DISTRICT ONE TYPICAL PAVEMENT MARKINGS	RTE SECTION		ΓΙΟΝ	COUNTY						
						1345	16-0008	9-00-RS		соок	
	iioi oite						TC-13			CONTRACT	
: NONE	SHEET 5	OF 7	SHEETS	STA.	TO STA.			ILLINOIS	EED, Al	ID PROJECT	Ī

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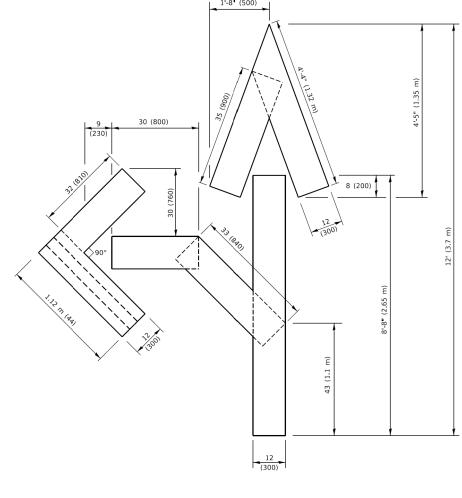


<u>QUANTITY</u>

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



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

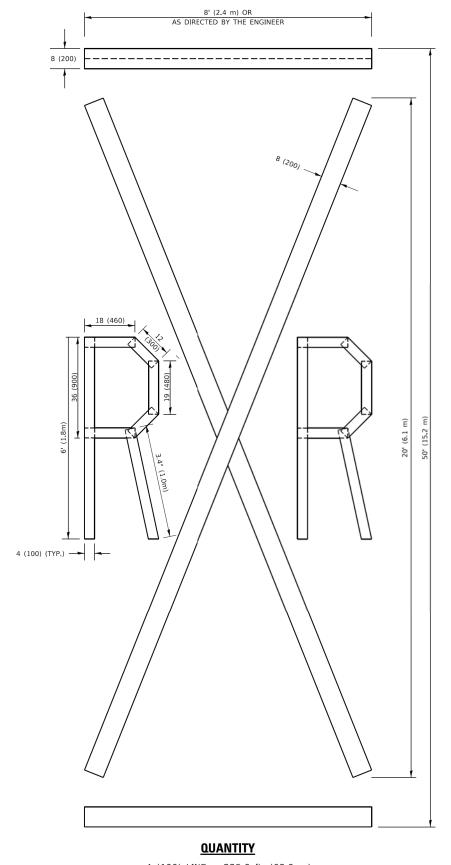


QUANTITY

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.



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.

CHASTAIN

& ASSOCIATES LLC

CONSULTING ENGINEERS

 USER NAME
 = USER_
 DESIGNED
 REVISED
 - T. RAMMACHER 03-02-9

 DRAWN
 REVISED
 - E. GOMEZ 08-28-00

 PLOT SCALE
 = 2,0000 ' / in.
 CHECKED
 REVISED
 - E. GOMEZ 08-28-00

 PLOT DATE
 = 2/21/2025
 DATE
 06-13-90
 REVISED
 - A. SCHEUTZE 09-15-16

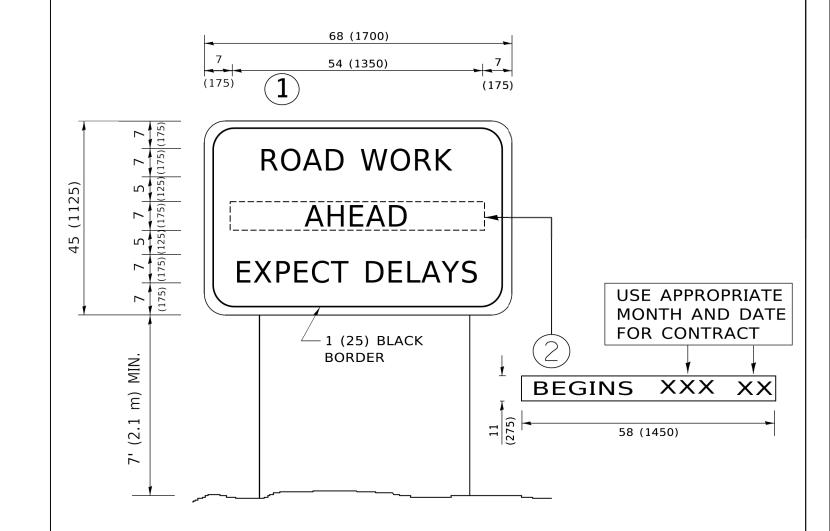
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SHORT TERM NORTH AVENUE IMPROVEMENT AND SYMBOLS

SCALE: NONE SHEET 6 OF 7 SHEETS STA. TO STA.

FA.U. SECTION COUNTY TOTAL SHEETS NO.
1345 16-00089-00-RS COOK 35 34

TC-16 CONTRACT NO. 61L22



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.

& ASSOCIATES LLC	CH	ASTA	AIN
	& A.	SOCIA	TES LL

USER NAME = _USER_	DESIGNED -	REVISED	- R. MIRS 09-15-97
	DRAWN -	REVISED	- R. MIRS 12-11-97
PLOT SCALE = 2 0000 ' / in	CHECKED -	REVISED	- T. RAMMACHER 02-02-99
PLOT DATE = 2/21/2025	DATE -	REVISED	- C. JUCIUS 01-31-07

NORTH AVENUE IMPROVEMENT													
	ARTER	IAL	ROA	D I	NFOR	MATION	SIGN						
SCALE: NONE	SHEET	7	OF 7	7	SHEETS	STA.	TO STA.						

F.A.U. RTE	SECT	TION		COUNTY	SHEETS	NO.
1345	16-0008	9-00-RS		соок	35	35
	TC-22		CONTRACT NO. 61L22			
		ILLINOIS	FED. A	ID PROJECT		