

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

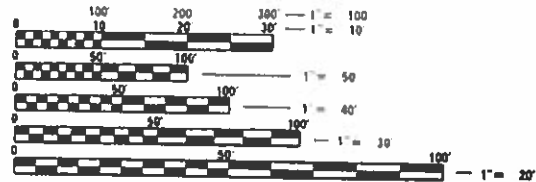
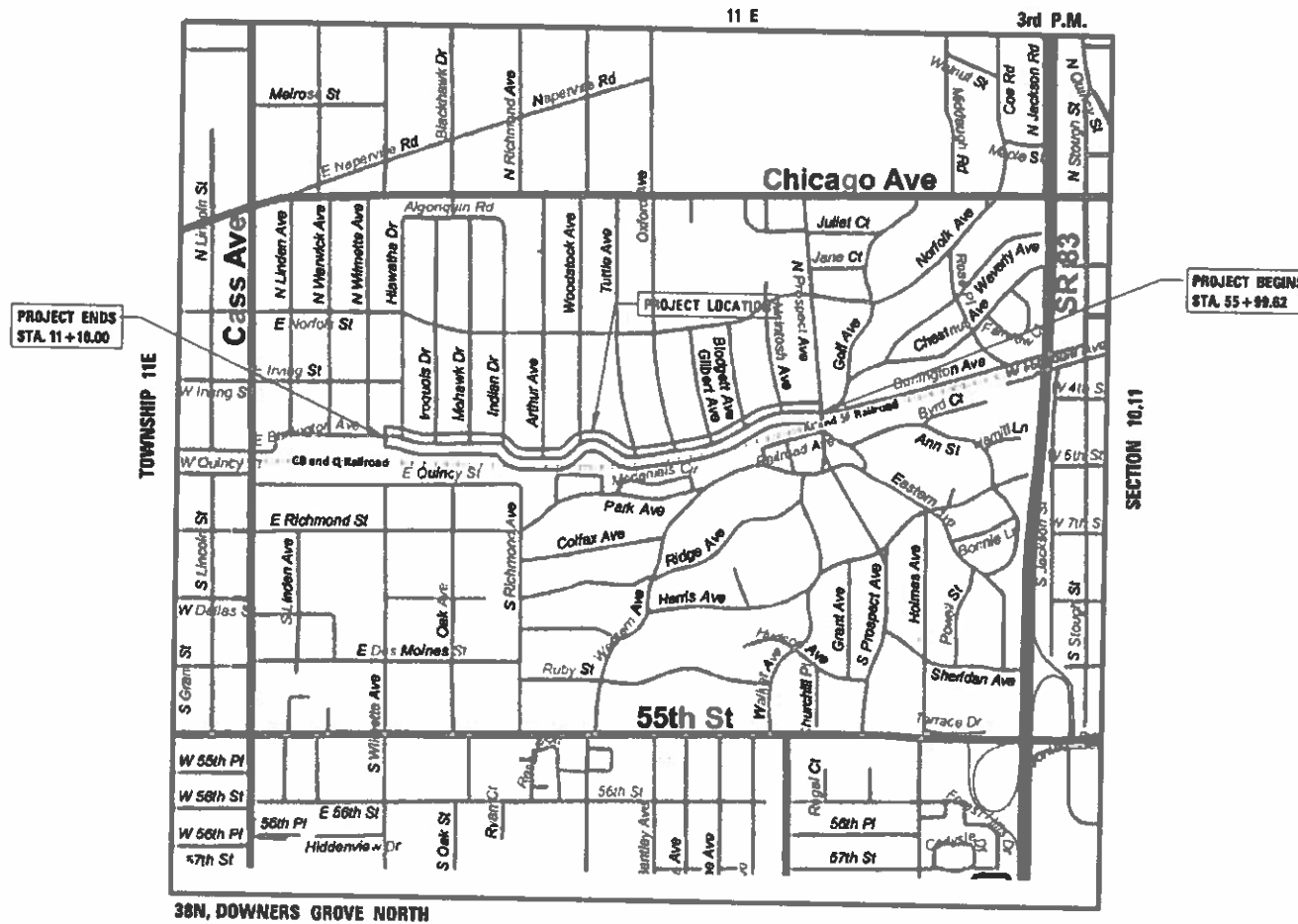
BURLINGTON AVENUE
 ADT (YEAR) = 850 (2020)
 POSTED SPEED LIMIT = 30 MPH

DESIGN DESIGNATION:
 MAJOR COLLECTOR

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

FAU ROUTE 1488 (BURLINGTON AVENUE)
 PROSPECT AVENUE TO HIAWATHA DRIVE
 LAFO RESURFACING
 SECTION NO. 22-00050-00-RS
 PROJECT NO. 0ANQ(463)
 VILLAGE OF CLARENDON HILLS
 DUPAGE COUNTY
 C-91-094-23

M/JN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	22-00050-00-RS	DUPAGE	30	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 61J56	



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.L.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 B-1-1 OR 1-800-892-0123

LOCATION MAP

BURLINGTON AVENUE
 GROSS LENGTH OF PROJECT = 4,394.25 LINEAL FEET (0.83 MILES)
 NET LENGTH OF PROJECT = 4,394.25 LINEAL FEET (0.83 MILES)

CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018 (847) 823-0500

PROFESSIONAL DESIGN FIRM NO. 184-001175
 EXPIRATION DATE: 04/30/23

CONTRACT NO. 61J56

3/1/23
 ENGINEER DATE
LEE M. FELL
 ILLINOIS REGISTRATION No. 062-053700
 EXPIRATION DATE: 11/30/2023

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

APPROVED *[Signature]* 2/6/23
 VILLAGE PRESIDENT, VILLAGE OF CLARENDON HILLS

PASSED *[Signature]* 2-21-23
 DISTRICT 1 ENGINEER OF LOCAL GRADES AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW
 FEB. 6 2023
[Signature]
 REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

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

GENERAL NOTES

Index of Sheets

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14-18	PROPOSED RESURFACING PLANS
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25-30	IDOT D-1 DETAILS

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424021-06	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS D PATCHES
483001-06	PCC SHOULDER
542601-03	REINFORCED CONCRETE PIPE ELBOW 24", 30" OR 36" (600 MM, 750 MM OR 900 MM)
604001-05	FRAMES AND LIDS TYPE 1
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
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720006-04	SIGN PANEL ERECTION DETAILS
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BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2023; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD); "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JUNE 2014 SEVENTH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT HIGHWAY STANDARD.
CODES OF THE IEPA TITLE 35, AND O. S. H. A. SHALL BE ADHERED TO FOR THE CONSTRUCTION OF THIS PROJECT.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 700 OF THE STANDARD SPECIFICATIONS.

ALL REQUIRED PERMITS FROM THE PROPER GOVERNING AGENCY SHALL BE OBTAINED FOR CONSTRUCTION ALONG OR ACROSS EXISTING STREETS OR HIGHWAYS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE PROPER BRACING, SHEETING, SHORING AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS BEFORE CONSTRUCTION BEGINS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE AGENCY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC.

UTILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS 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 COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

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 AT HIS/HER OWN EXPENSE.

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. THIS WORK SHALL BE COVERED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 8-1-1 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE.

THE CONTRACTOR SHALL CONTACT IDOT'S BUREAU OF MATERIALS (PHONE 847-705-4337) AT LEAST 24 HOURS BEFORE PLACING HOT-MIX ASPHALT OR PORTLAND CEMENT CONCRETE.

ADJUSTMENTS WITH MILLING AND GENERAL ADJUSTMENTS: UNLESS NOTED ON THE PLANS OR IN FIELD, ALL ADJUSTMENTS SHALL USE EXISTING FRAME & LID.

CONTRACTOR SHALL POUR NEW CONCRETE BENCH ON ALL STRUCTURES NOTED IN THE PLANS OR BY THE ENGINEER IN THE FIELD.

MISCELLANEOUS

DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, SIDEWALK REMOVAL AND REPLACEMENT, DRIVEWAY REMOVAL AND REPLACEMENT, AND STRUCTURES TO BE ADJUSTED WILL BE DETERMINED BY THE ENGINEER IN THE FIELD AND WILL NOT EXCEED THE PLANNED QUANTITY.

THE THICKNESSES OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASIS ON WHICH THEY ARE TO BE PLACED.

DETECTABLE WARNINGS SHALL BE INSTALLED AT INTERSECTING STREETS, DRIVEWAYS, AND ALLEYS AS SHOWN ON THE PLANS (SEE DETAILS ON SHEETS 16&17).

PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.

CONTRACTOR SHALL NOT PLACE SOD UNTIL THE TEMPERATURE IS 80 OR LESS AND THE FORECAST FOR THE NEXT 7 DAYS SHOWS TEMPERATURES OF 80 OR LESS. IF ALL OTHER PAY ITEMS ARE COMPLETED, THE CONTRACTOR WILL NOT BE CHARGED WORKING DAYS FOR DELAYS IN PARKWAY RESTORATION DUE TO TEMPERATURE.

NO CONSTRUCTION SHALL BEGIN UNTIL ALL PROPER TEMPORARY SIGNS AND BARRICADES HAVE BEEN INSTALLED.

AT NO TIME SHALL LESS THAN HALF OF THE STREET BE AVAILABLE FOR PARKING.

CONCRETE FILL BETWEEN NEW CURB AND GUTTER AND EXISTING PAVEMENT; FILLING THE GAP BETWEEN THE EXISTING PAVEMENT AND PROPOSED CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 606001.

ALL DETECTABLE WARNING TACTILES SHALL BE FIELD VERIFIED AND THE SIZE TO BE DETERMINED BY THE CONTRACTOR PRIOR TO ORDERING.

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.

FILE NAME =	USER NAME = jhouseh	DESIGNED - JEH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND HIGHWAY STANDARDS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\CLARENDONHILLS\210588\Civil1\Roadway\ther files\not.2100588.sht		DRAWN - JEH	REVISED -			1488	22-00050-00-RS	DUPAGE	30	2	
Default	PLOT SCALE = 48'	CHECKED - LMF	REVISED -			CONTRACT NO. 61J56					
	PLOT DATE = 3/1/2023	DATE - 6/2022	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

SPECIALTY ITEM	SPECIAL PROVISION	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)	CONSTRUCTION TYPE CODE 0042 (80% FEDERAL / 20% LOCAL)
	*	20101700	SUPPLEMENTAL WATERING	UNIT	17	
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	300	
		25200110	SODDING, SALT TOLERANT	SQ YD	300	
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	7	
		28000510	INLET FILTERS	EACH	6	
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	10,200	
		40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	17	
		40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	800	
		40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,260	
		42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	100	
	*	42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	1,270	
		42400800	DETECTABLE WARNINGS	SQ FT	185	
		44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	13,250	
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	200	
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	815	
		44000600	SIDEWALK REMOVAL	SQ FT	1,270	

* INDICATES SPECIAL PROVISION
~ INDICATES SPECIALTY ITEM

FILE NAME *	USER NAME * jhouseh	DESIGNED - JEH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 48"		CHECKED - LMF	REVISED -			CONTRACT NO. 61J56					
Default	PLOT DATE = 1/23/2023	DATE 6/2022	REVISED -			SCALE:	SHEET 1 OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

SPECIALTY ITEM	SPECIAL PROVISION	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)	CONSTRUCTION TYPE CODE 0042 (80% FEDERAL / 20% LOCAL)
		44201349	CLASS C PATCHES, TYPE I, 10 INCH	SQ YD	375	
		44201353	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	375	
		44201357	CLASS C PATCHES, TYPE III, 10 INCH	SQ YD	375	
		44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	375	
		44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	100	
		44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	100	
		44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	100	
		44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	100	
		48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	150	
		60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	
		60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1	
		60218300	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	
		60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	
	*	60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	
	*	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	815	
* INDICATES SPECIAL PROVISION ~ INDICATES SPECIALTY ITEM						

FILE NAME =	USER NAME = jhouseh	DESIGNED - JEH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\CLARENDONHILLS\210586\civil\Roadway\ther_files\que.210588.l.sht	PLOT SCALE = 40'	DRAWN - JEH	REVISED -					1488	22-00050-00-RS	DUPAGE	30	4
Default	PLOT DATE = 1/23/2023	CHECKED - LMF	REVISED -		SCALE:	SHEET 2 OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 61J56			
		DATE - 6/2022	REVISED -						[ILLINOIS] FED. AID PROJECT			

SPECIALTY ITEM	SPECIAL PROVISION	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)	CONSTRUCTION TYPE CODE 0042 (80% FEDERAL / 20% LOCAL)
		67100100	MOBILIZATION	LSUM	1	
~		66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	35	
~		66900530	SOIL DISPOSAL ANALYSIS	EACH	1	
~		66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	
~		66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	
~		66901006	REGULATED SUBSTANCES MONITORING	CAL DA	1	
	*	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	
	*	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	
	*	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,100	
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	370	
		70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	975	
		70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	65	
~		78000200	THERMOPLASTIC PAVEMENT MARKING, LINE 4"	FOOT	1,800	
~		78000500	THERMOPLASTIC PAVEMENT MARKING, LINE 8"	FOOT	150	
~		78000600	THERMOPLASTIC PAVEMENT MARKING, LINE 12"	FOOT	185	

* INDICATES SPECIAL PROVISION
~ INDICATES SPECIALTY ITEM

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
RESURFACING ITEM	VOIDS	OMP
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 1.5"	4% @ 50 GYR.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 0.75"	3.5% @ 50 GYR.	LR 1030-2
PATCHING ITEM		
CLASS D PATCHES, SPECIAL (HMA BINDER IL-19.0)	VOIDS	
HMA DRIVEWAY PAVEMENT 7 "	VOIDS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) - 2"	4% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 5"	4% @ 50 GYR.	LR 1030-2
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA) PER LR 1030-2		

MIXTURE REQUIREMENT NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LBS/SY/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 MATERIAL SPECIFICATIONS.

NOTES:

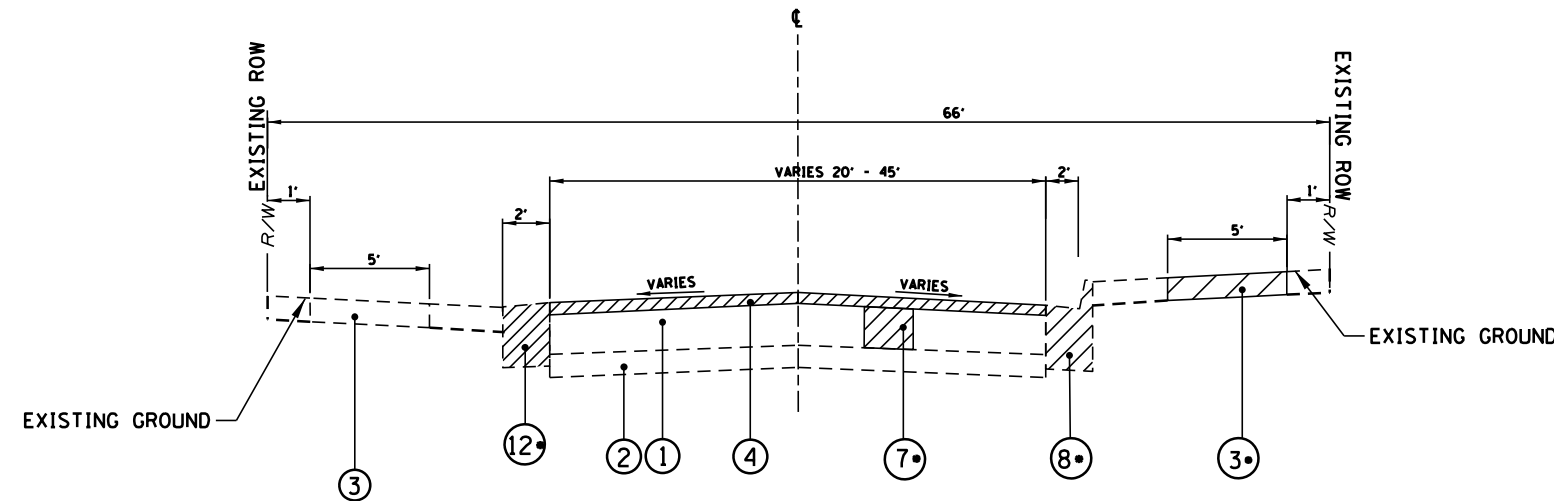
1. PAVING OF THE FULL ROADWAY WIDTH SHALL BE COMPLETED AT THE END OF EACH DAY OF PAVING TO PREVENT A LONGITUDINAL COLD JOINT FROM APPEARING WHEN OPPOSITE SIDES OF THE ROAD ARE PAVED ON DIFFERENT DAYS. THE CONTRACTOR SHALL ALSO ENSURE THAT AT THE END OF EACH DAY EACH PASS ENDS AT APPROXIMATELY THE SAME STATION TO PREVENT A COLD JOINT.
2. PAVEMENT SHALL BE PATCHED AFTER HMA SURFACE REMOVAL.

LEGEND

- ① EXISTING HOT-MIX ASPHALT PAVEMENT
- ② EXISTING AGGREGATE SUBBASE
- ③ EXISTING PCC SIDEWALK
- ④ HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ④g HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5"
- ⑥ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 0.75"
- ⑦ CLASS D PATCHES, TYPE I-IV, 8 INCH
- ⑦g CLASS C PATCHES, TYPE I-IV, 10 INCH
- ⑧ COMBINATION CONCRETE CURB AND GUTTER REMOVAL / REPLACEMENT (AS DETERMINED BY ENGINEER IN FIELD)
- ⑨ SODDING, SALT TOLERANT & TOPSOIL FURNISH AND PLACE, 4"
- ⑩ PROPOSED PCC SIDEWALK 5 INCH REMOVAL / REPLACEMENT (AS DETERMINED BY ENGINEER IN FIELD)
- ⑪ SUBBASE GRANULAR MATERIAL, 4" (INCLUDED IN COST OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT)
- ⑫ EXISTING PCC SHOULDER REMOVAL
- ⑬ PORTLAND CEMENT CONCRETE SHOULDERS, 9" (SPECIAL)
- ⑭ AGGREGATE SHOULDERS, TYPE B 6" (AT LOCATIONS DIRECTED BY THE ENGINEER)

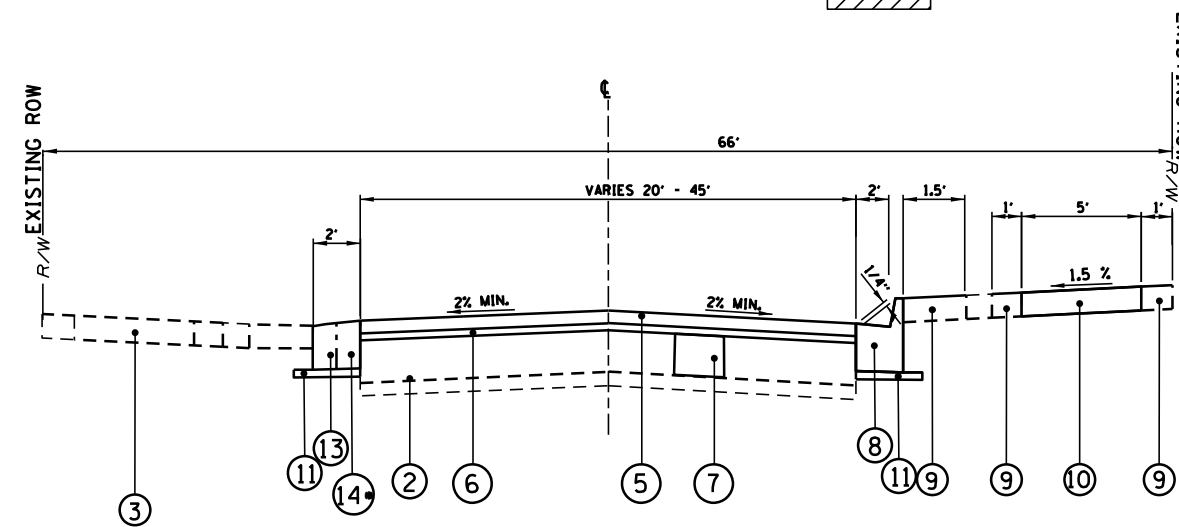
• AT LOCATIONS AS DIRECTED BY THE ENGINEER

STA.	BORING NO.	TOTAL BIT. CONC. THICKNESS (in)	TOTAL PCC THICKNESS (in)	TOTAL PAVEMENT THICKNESS (in)	BASE COURSE THICKNESS (in)
13+50	1	9.75	-	9.75	7
18+00	2	10.25	-	10.25	6
24+00	3	9.75	-	9.75	-
30+00	4	7	-	7	8
36+00	5	14.25	-	10.25	-
42+00	6	8	-	8	12



EXISTING TYPICAL SECTION

N.T.S.
STA. 11+00 TO STA. 48+00
STA. 52+00 TO STA. 57+00



PROPOSED TYPICAL SECTION

N.T.S.
STA. 11+00 TO STA. 48+00
STA. 52+00 TO STA. 57+00

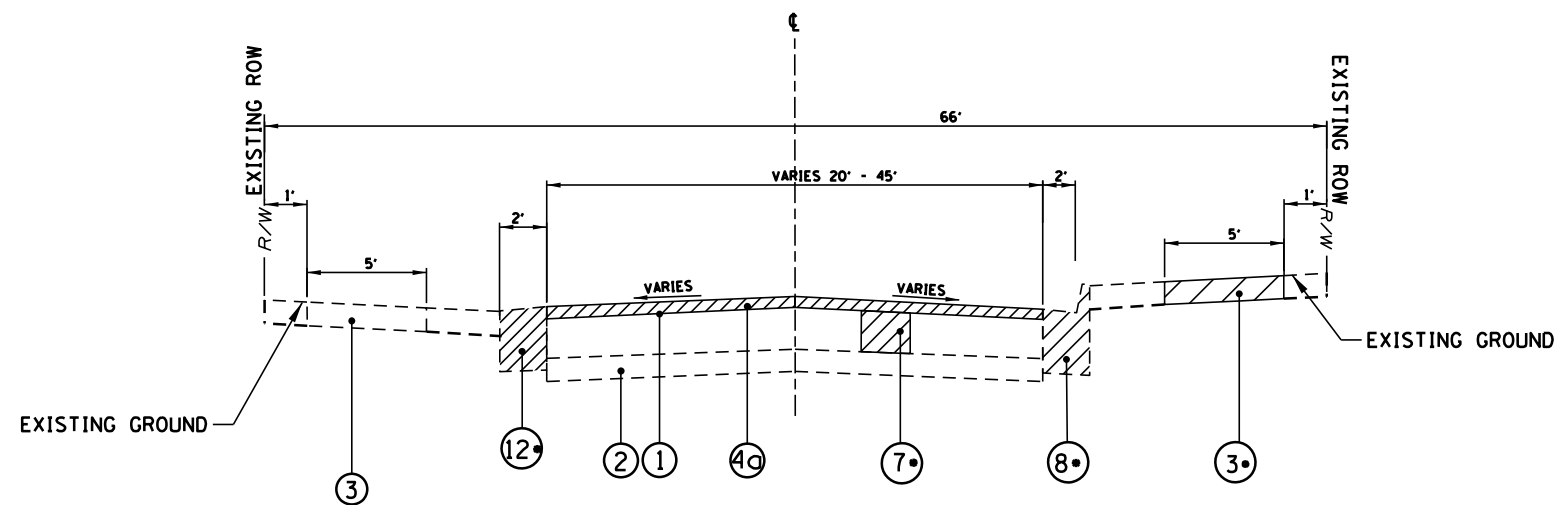
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	PLOT DATE = 1/23/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

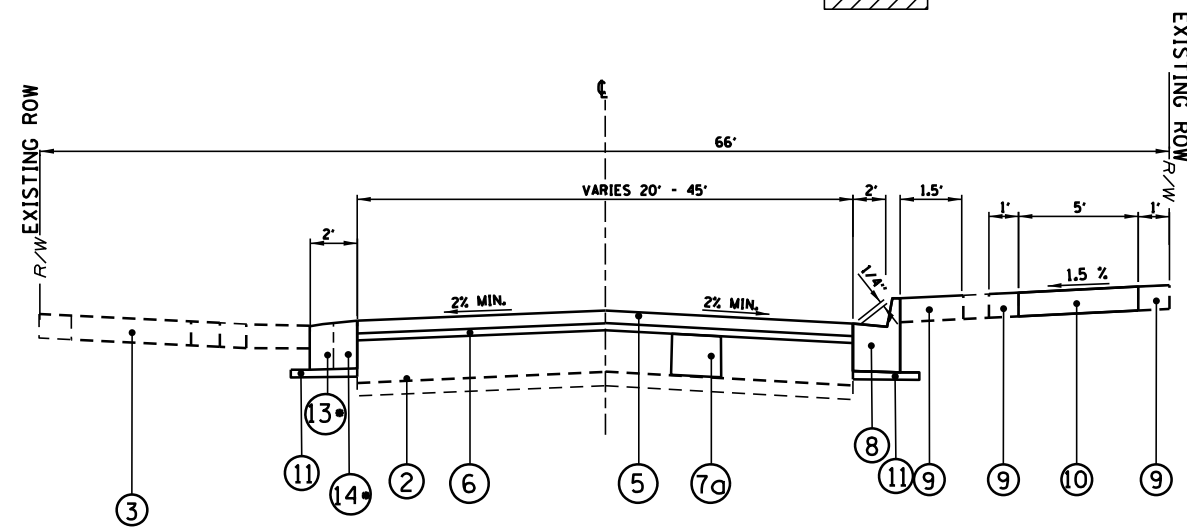
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	22-00050-00-RS	DUPAGE	30	7
CONTRACT NO. 61J56				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

N.T.S.
STA. 48+00 TO STA. 52+00



PROPOSED TYPICAL SECTION

N.T.S.
STA. 48+00 TO STA. 52+00

NOTES:

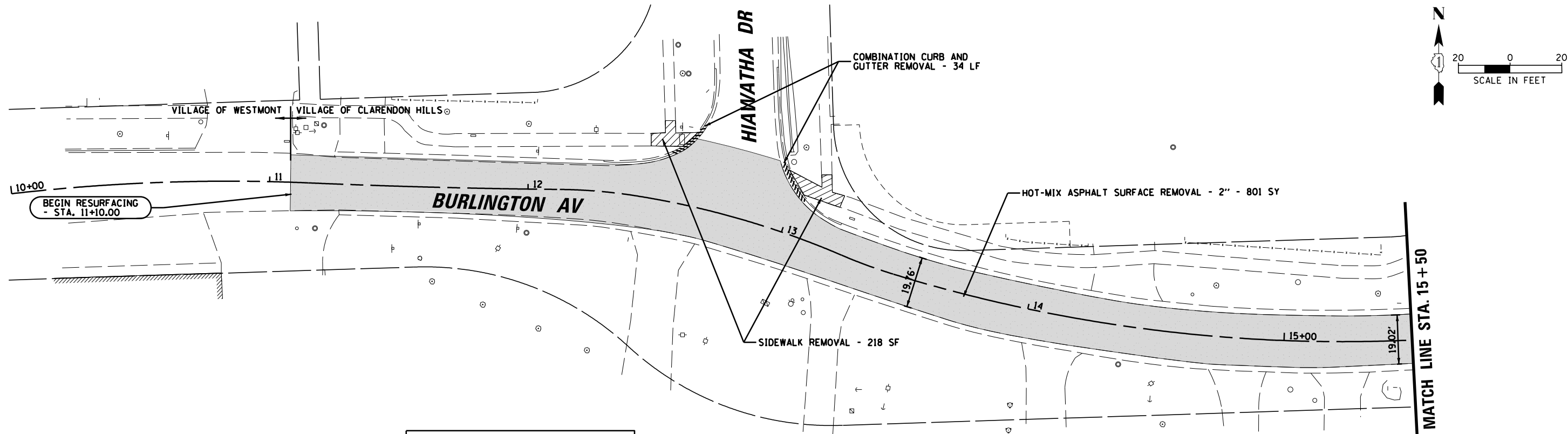
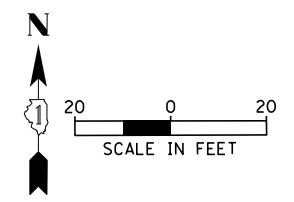
- PAVING OF THE FULL ROADWAY WIDTH SHALL BE COMPLETED AT THE END OF EACH DAY OF PAVING TO PREVENT A LONGITUDINAL COLD JOINT FROM APPEARING WHEN OPPOSITE SIDES OF THE ROAD ARE PAVED ON DIFFERENT DAYS. THE CONTRACTOR SHALL ALSO ENSURE THAT AT THE END OF EACH DAY EACH PASS ENDS AT APPROXIMATELY THE SAME STATION TO PREVENT A COLD JOINT.
- PAVEMENT SHALL BE PATCHED AFTER HMA SURFACE REMOVAL.

LEGEND

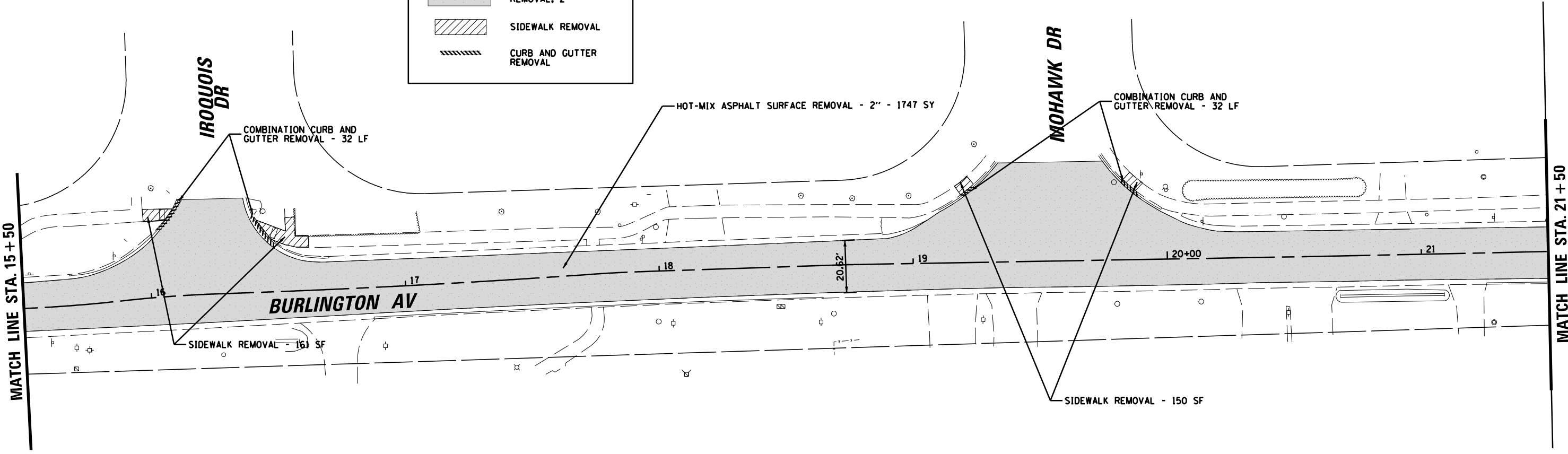
- ① EXISTING HOT-MIX ASPHALT PAVEMENT
- ② EXISTING AGGREGATE SUBBASE
- ③ EXISTING PCC SIDEWALK
- ④ HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ④g HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5"
- ⑥ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 0.75"
- ⑦ CLASS D PATCHES, TYPE I-IV, 8 INCH
- ⑦g CLASS C PATCHES, TYPE I-IV, 10 INCH
- ⑧ COMBINATION CONCRETE CURB AND GUTTER REMOVAL / REPLACEMENT (AS DETERMINED BY ENGINEER IN FIELD)
- ⑨ SODDING, SALT TOLERANT & TOPSOIL FURNISH AND PLACE, 4"
- ⑩ PROPOSED PCC SIDEWALK 5 INCH REMOVAL / REPLACEMENT (AS DETERMINED BY ENGINEER IN FIELD)
- ⑪ SUBBASE GRANULAR MATERIAL, 4" (INCLUDED IN COST OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT)
- ⑫ EXISTING PCC SHOULDER REMOVAL
- ⑬ PORTLAND CEMENT CONCRETE SHOULDERS, 9" (SPECIAL)
- ⑭ AGGREGATE SHOULDERS, TYPE B 6" (AT LOCATIONS DIRECTED BY THE ENGINEER)

• AT LOCATIONS AS DIRECTED BY THE ENGINEER

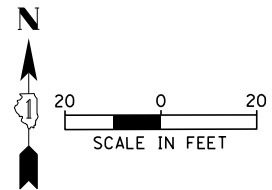
STA.	BORING NO.	TOTAL BIT. CONC. THICKNESS (in)	TOTAL PCC THICKNESS (in)	TOTAL PAVEMENT THICKNESS (in)	BASE COURSE THICKNESS (in)
48+00	7	1.75	7.25	9	-
52+00	8	3	7	10.25	-



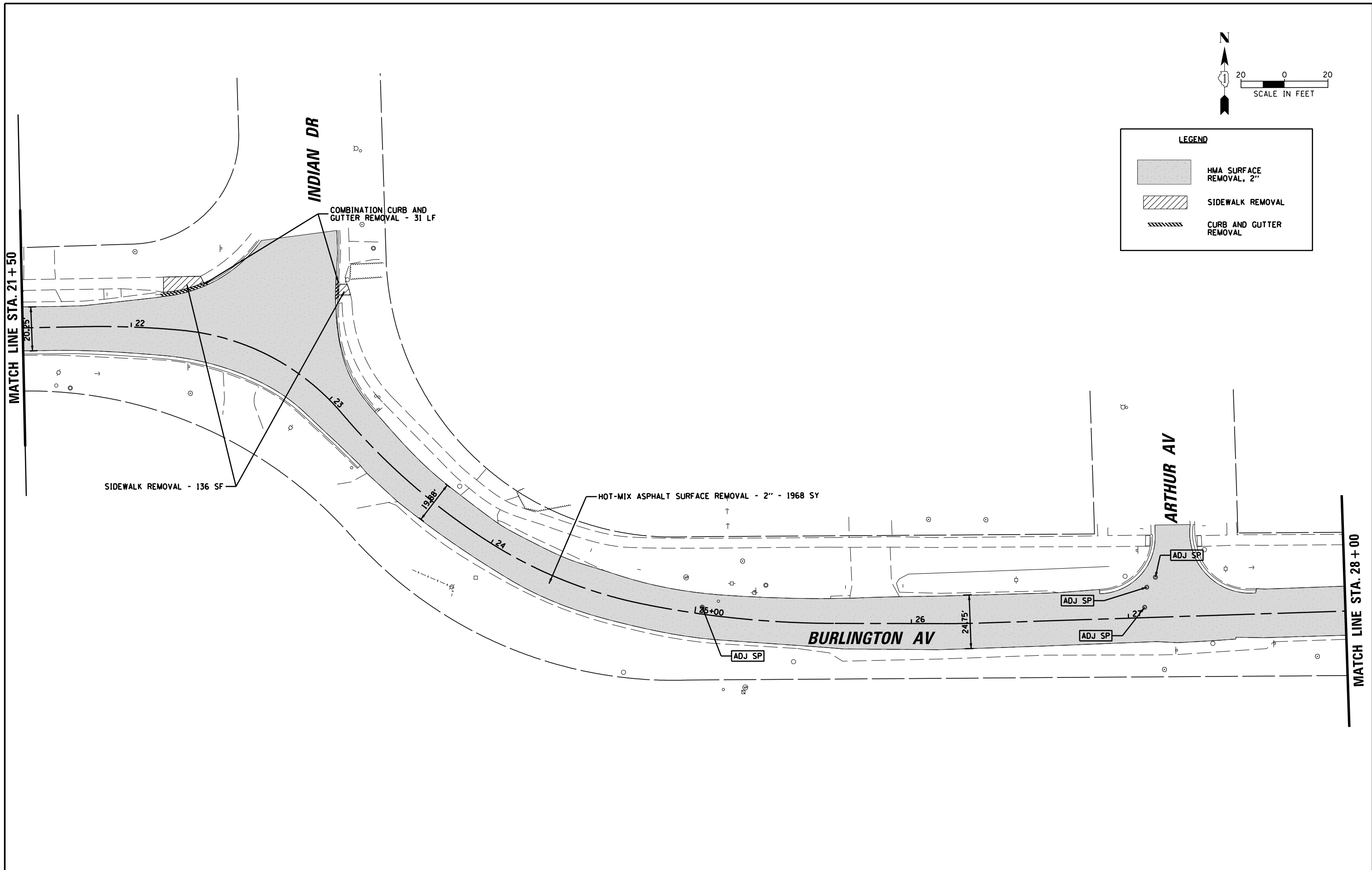
LEGEND	
	HMA SURFACE REMOVAL, 2"
	SIDEWALK REMOVAL
	CURB AND GUTTER REMOVAL



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	PLOT DATE = 1/23/2023	DATE - 6/2022	REVISED -		ILLINOIS FED. AID PROJECT								



LEGEND	
	HMA SURFACE REMOVAL, 2"
	SIDEWALK REMOVAL
	CURB AND GUTTER REMOVAL

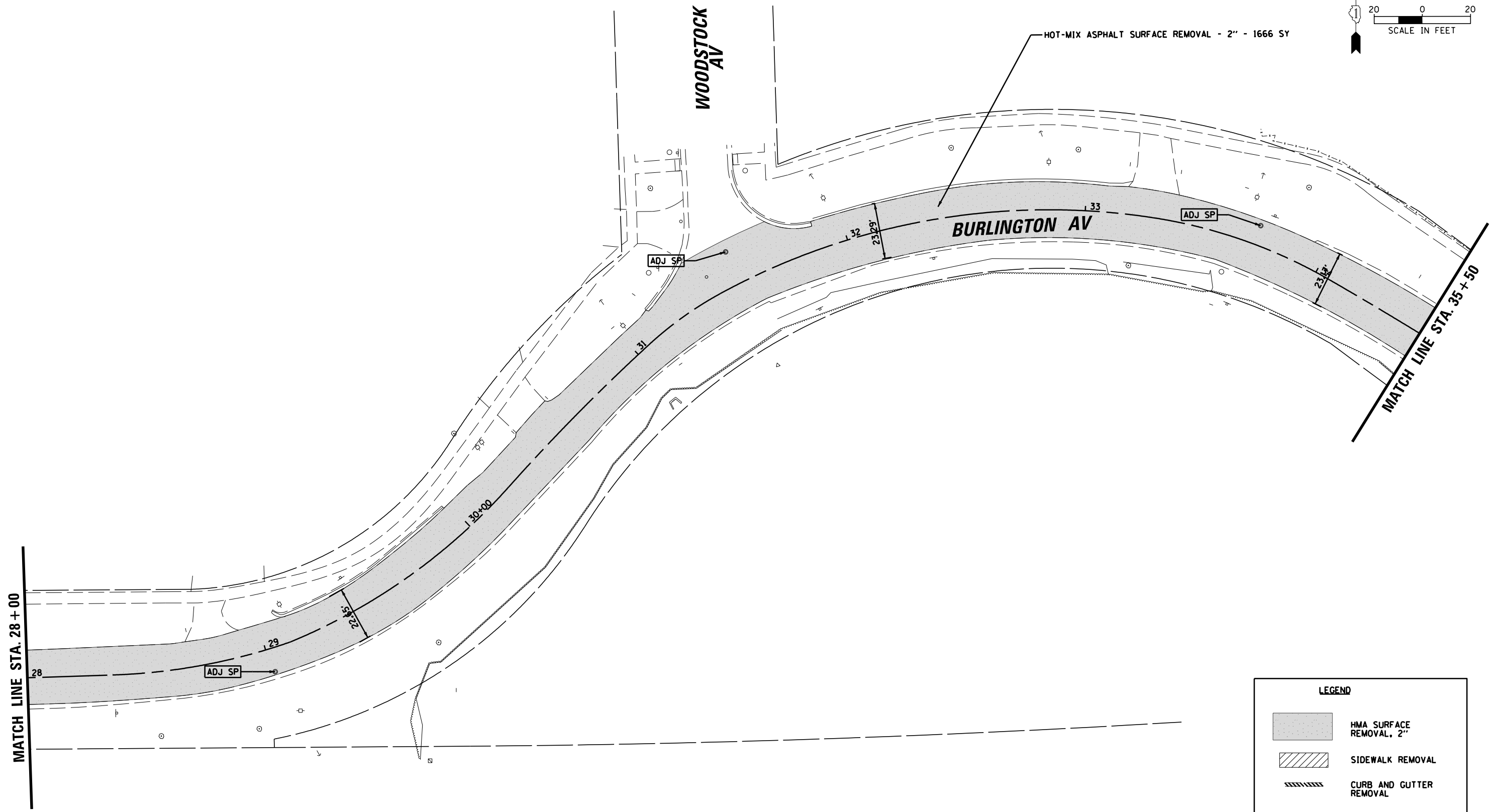
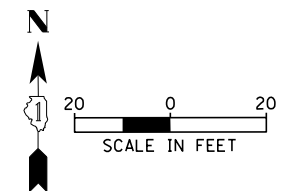


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

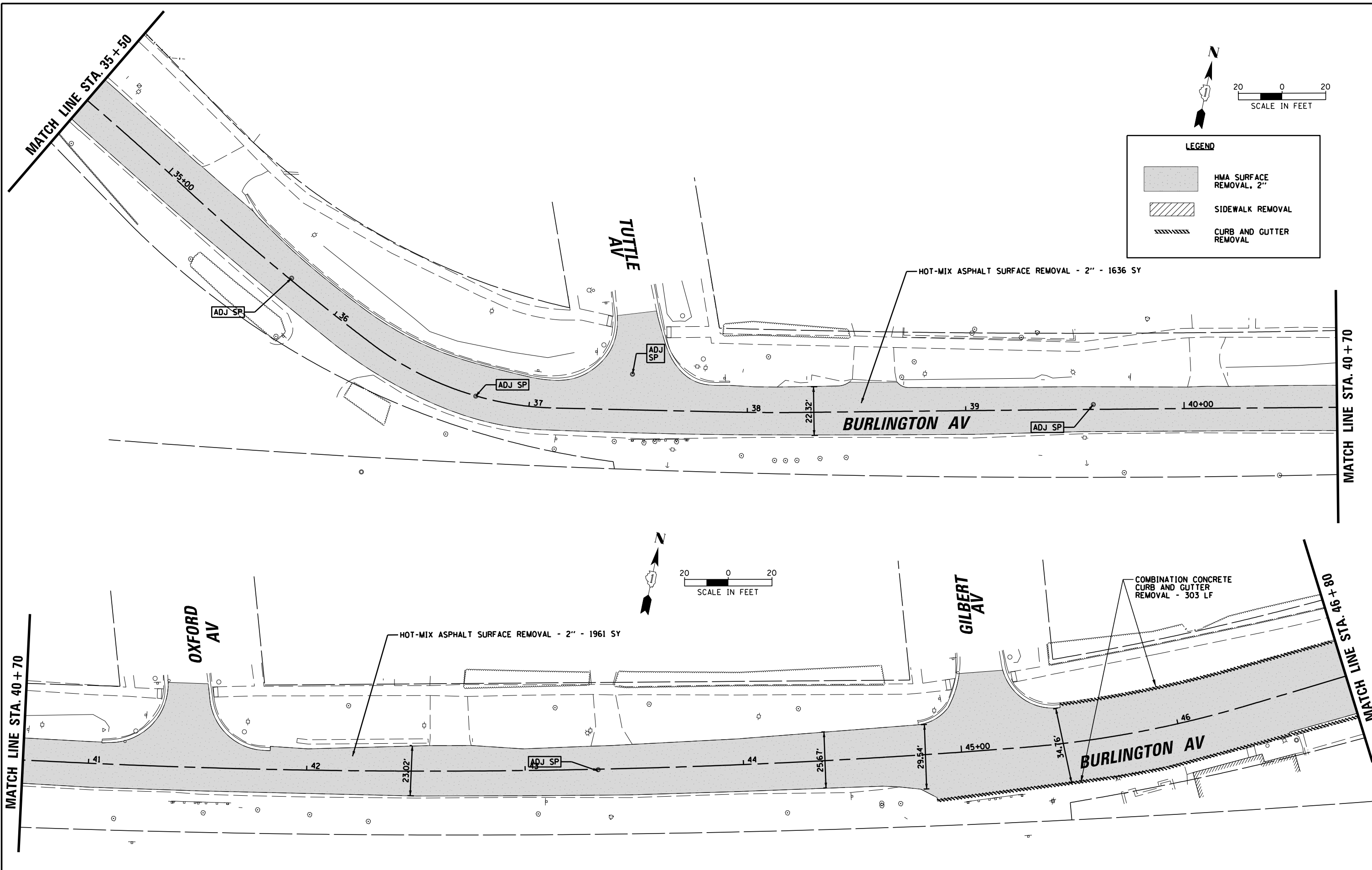
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	22-00050-00-RS	DUPAGE	30	10
				CONTRACT NO. 61J56
ILLINOIS FED. AID PROJECT				



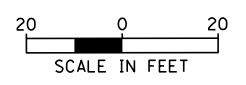
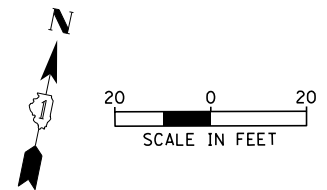
LEGEND	
	HMA SURFACE REMOVAL, 2"
	SIDEWALK REMOVAL
	CURB AND GUTTER REMOVAL

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	PLOT DATE = 1/23/2023	DATE - 6/2022	REVISED -		ILLINOIS FED. AID PROJECT								

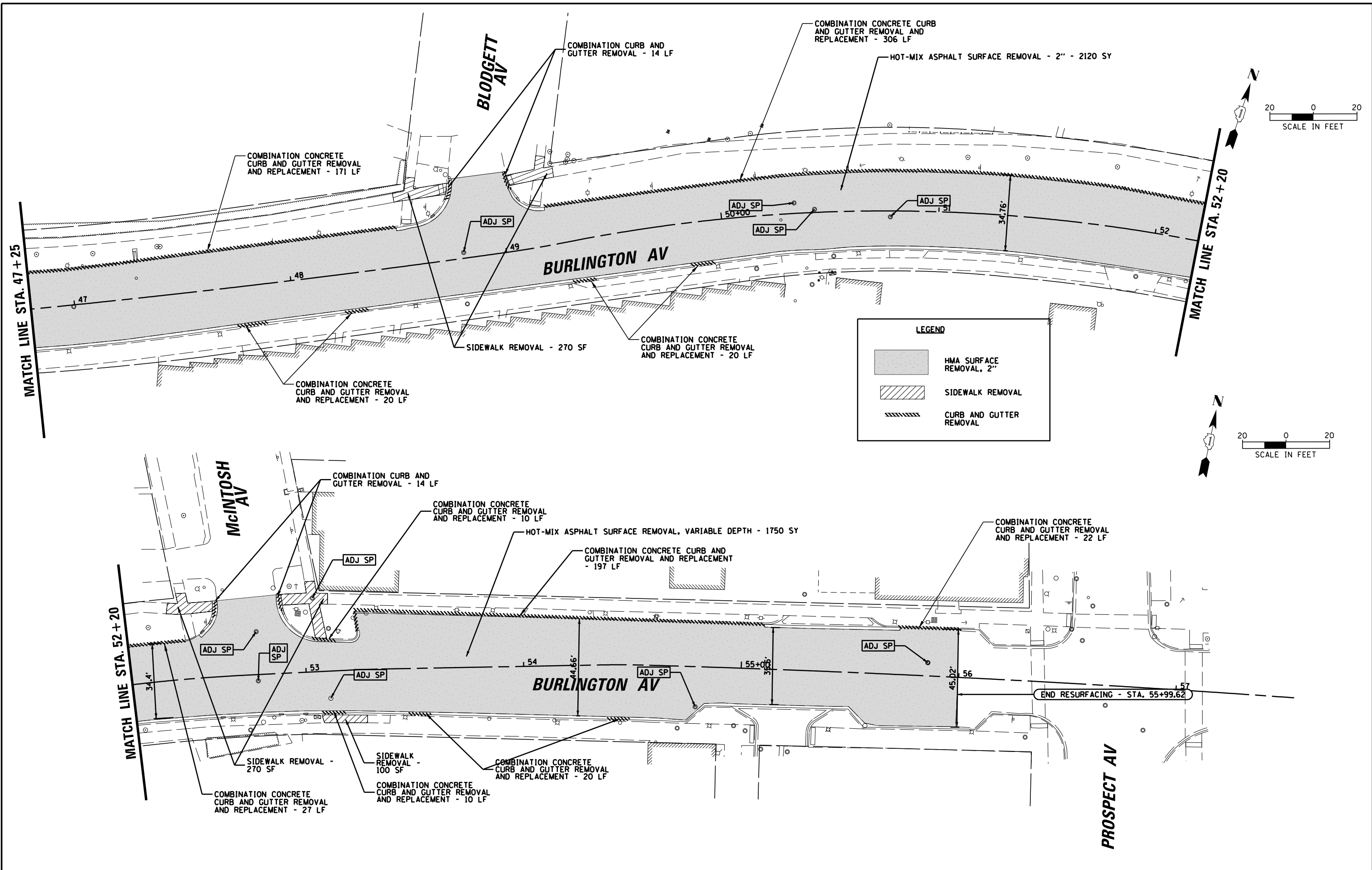


LEGEND

- HMA SURFACE REMOVAL, 2"
- SIDEWALK REMOVAL
- CURB AND GUTTER REMOVAL

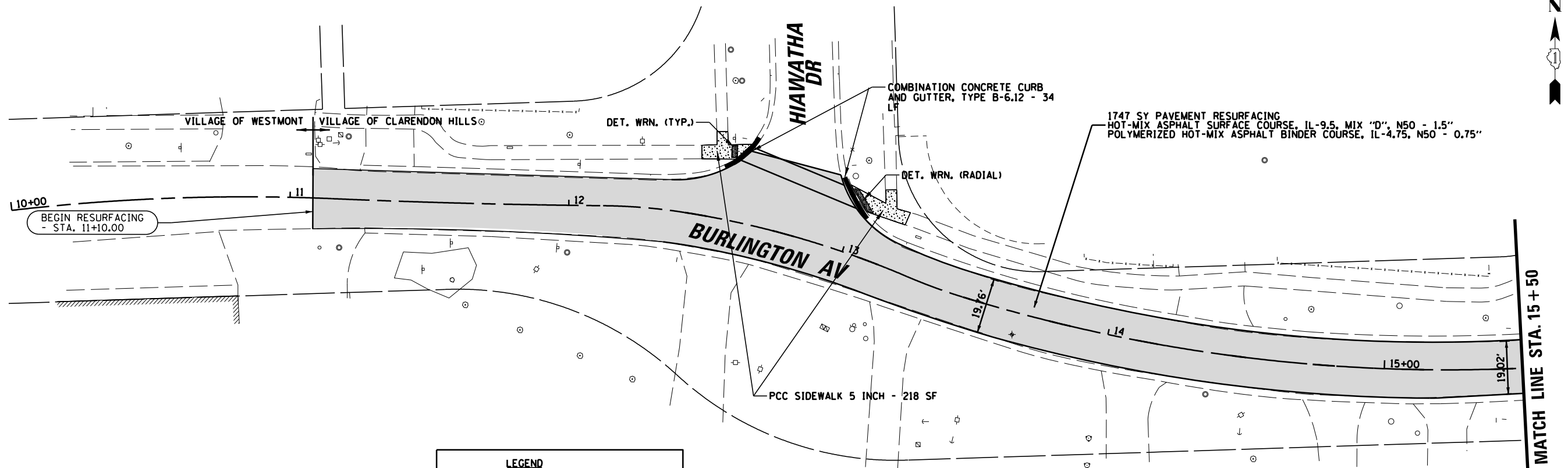
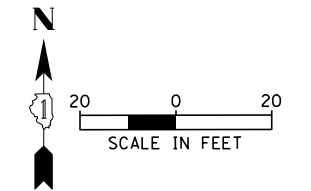


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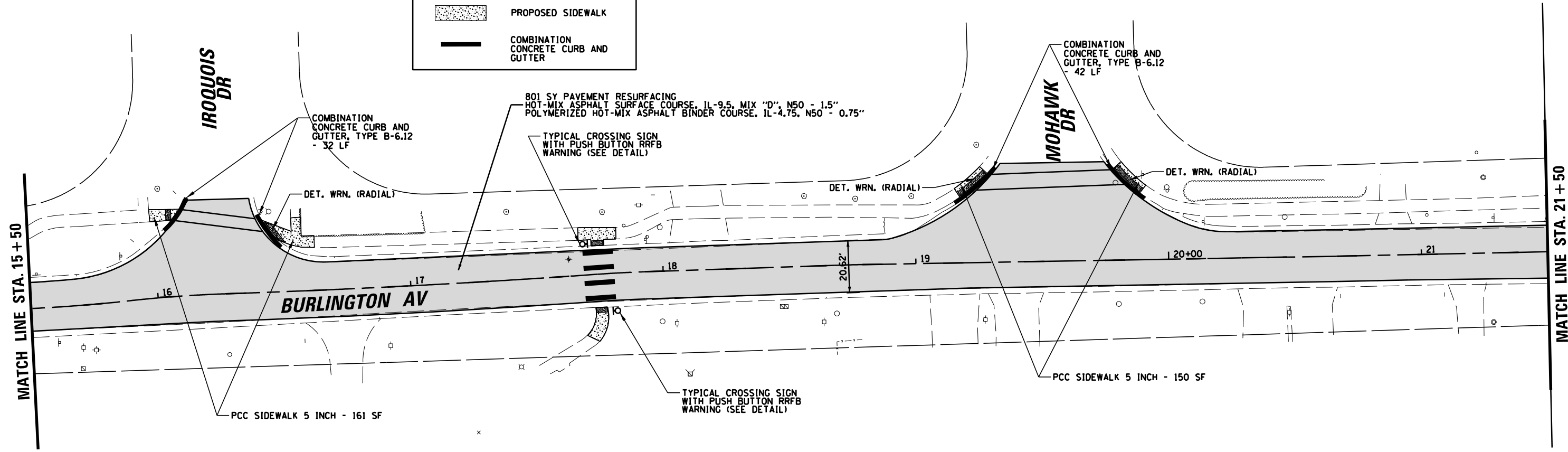
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	PLOT DATE = 1/23/2023	DATE - 6/2022	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO

ILLINOIS FED. AID PROJECT



LEGEND

- PROPOSED PAVEMENT
- PROPOSED SIDEWALK
- COMBINATION CONCRETE CURB AND GUTTER

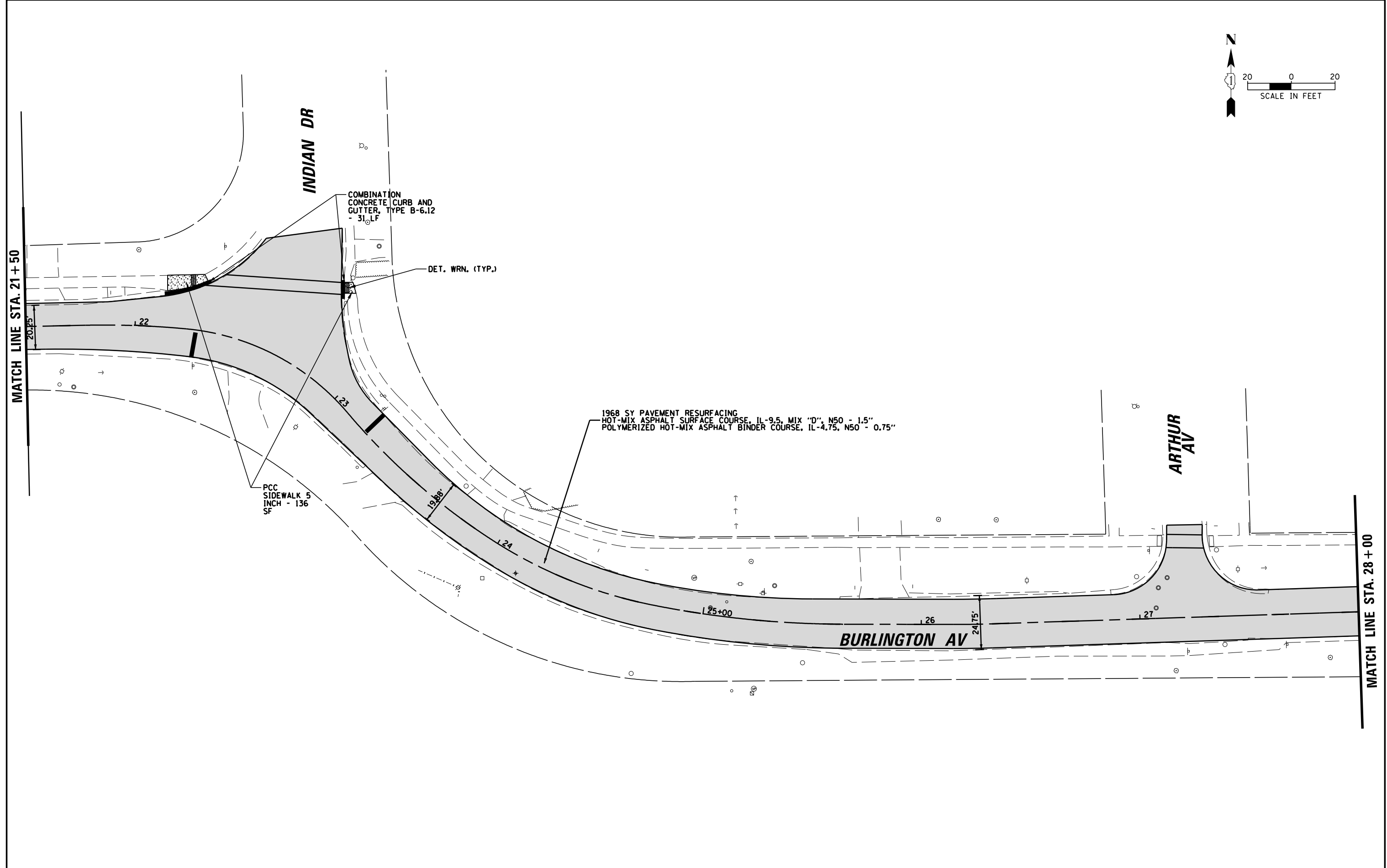
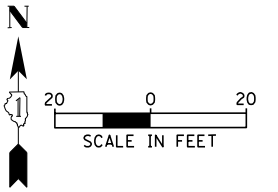


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	PLOT DATE = 1/23/2023	DATE - 6/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.U. RTE. 1488	SECTION 22-00050-00-RS	COUNTY	TOTAL SHEETS 30	SHEET NO. 14
			CONTRACT NO. 61J56	
ILLINOIS FED. AID PROJECT				

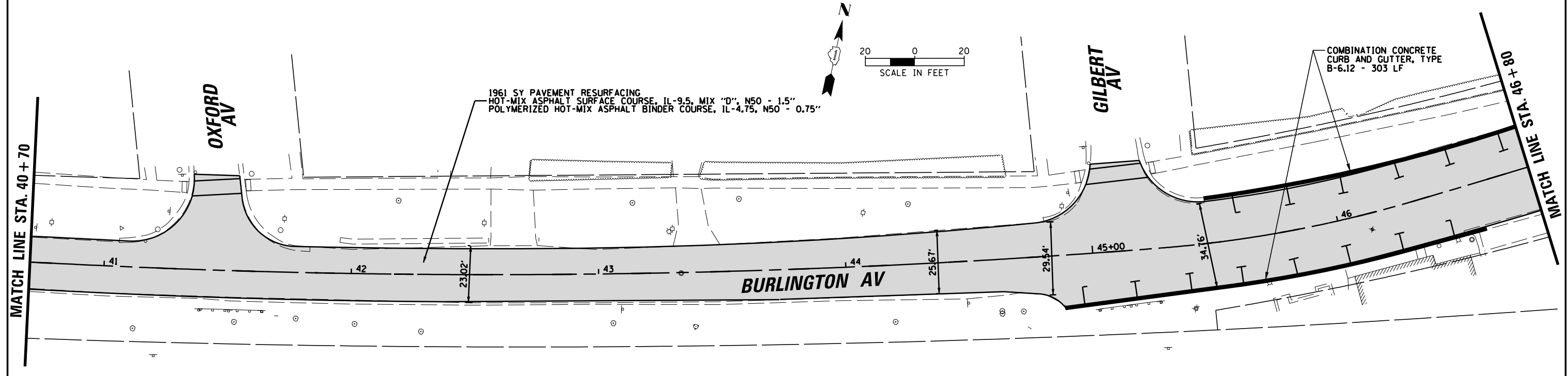
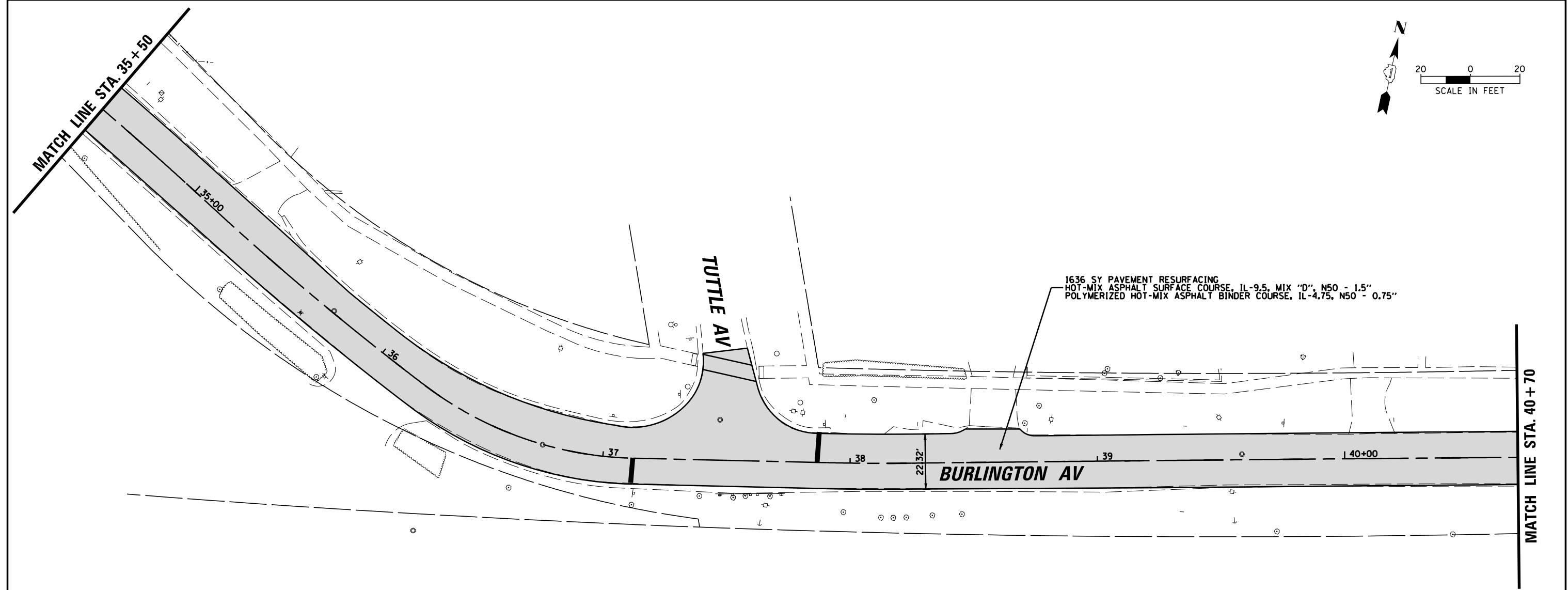
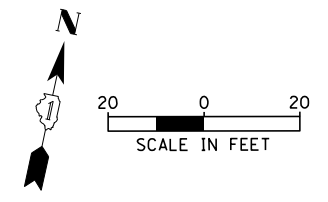


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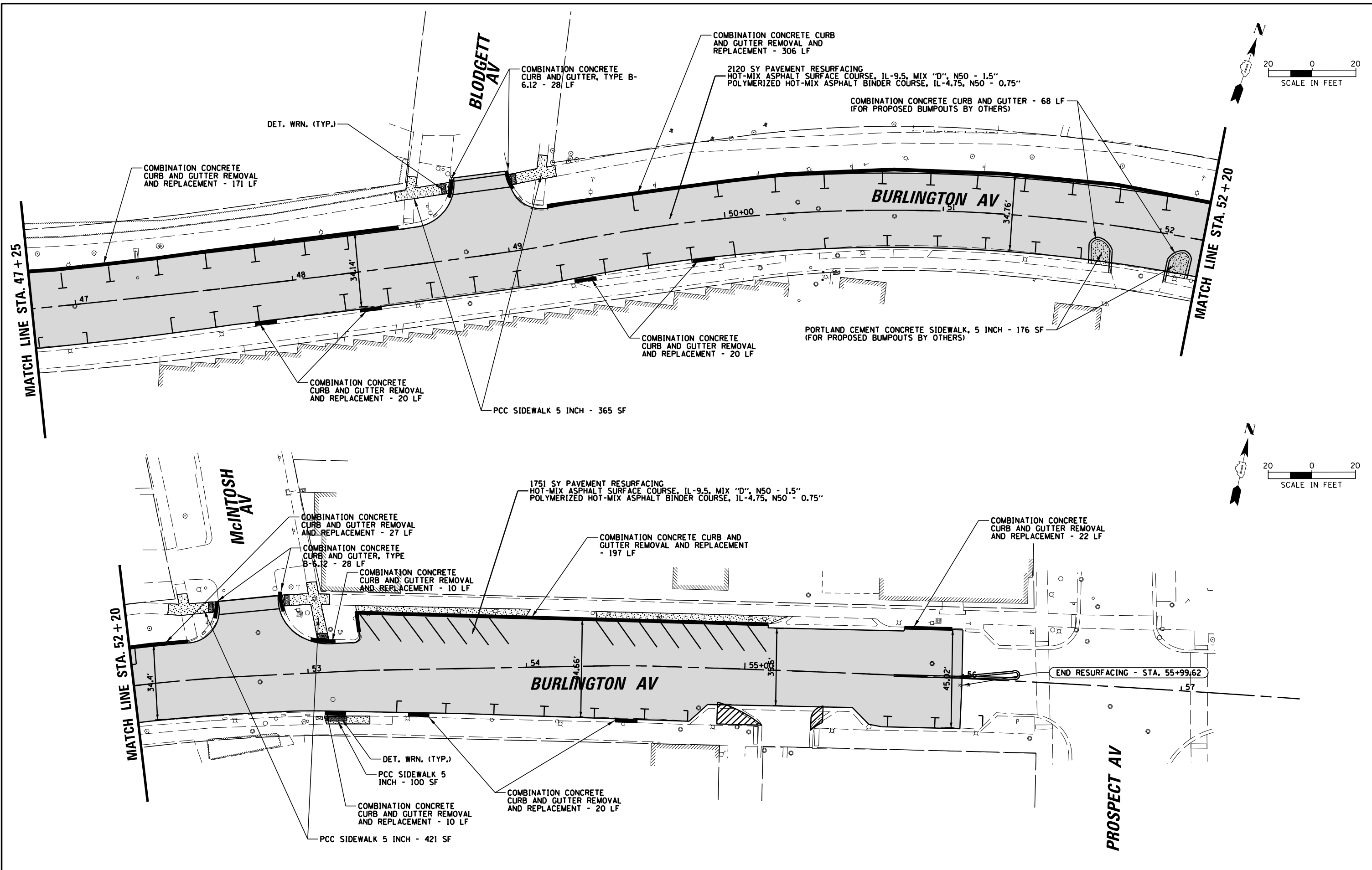
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

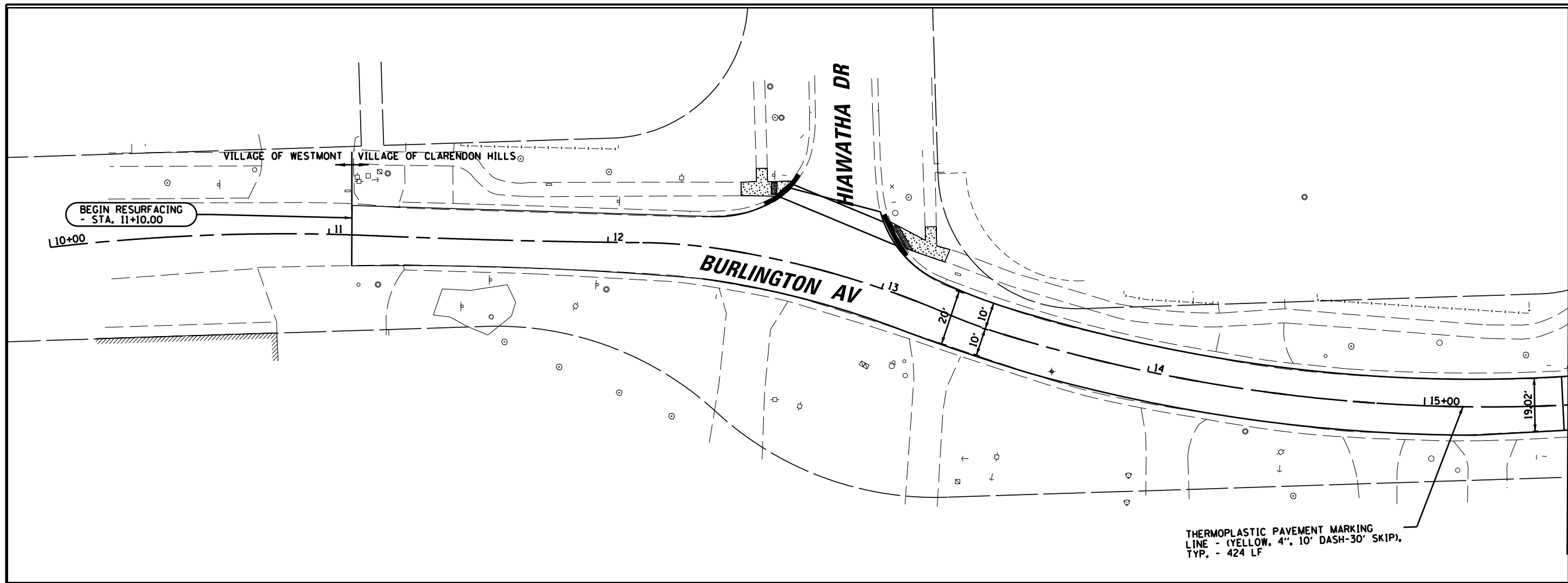
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CONTRACT NO. 61J56			ILLINOIS FED. AID PROJECT	



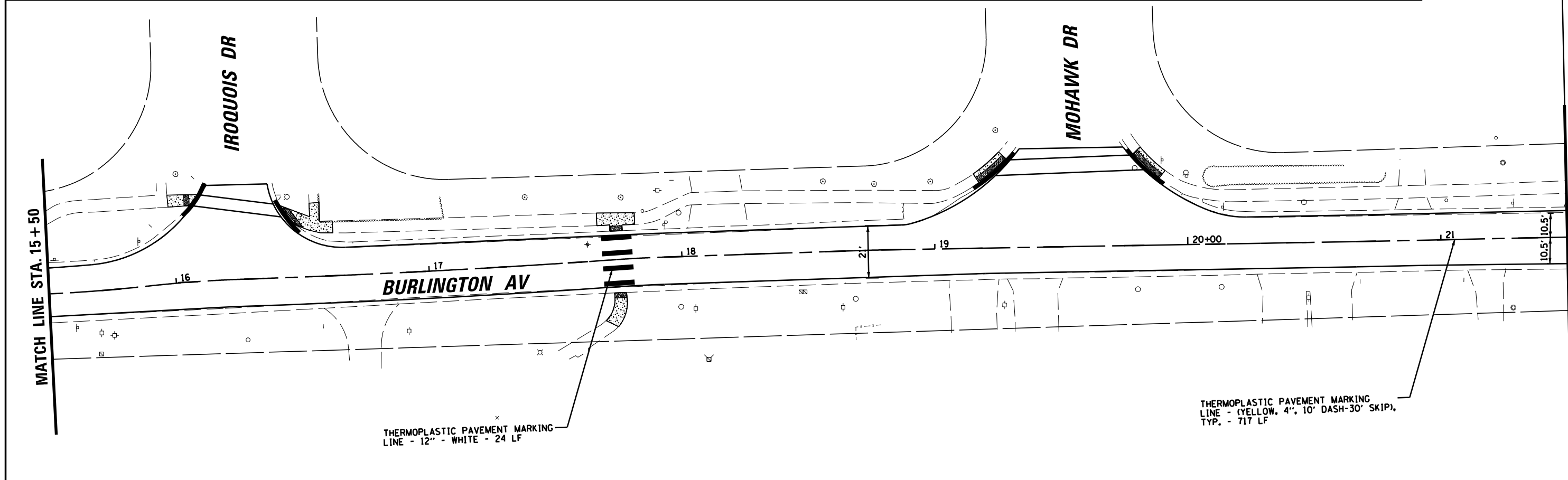
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		DATE - 6/2022	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		



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	PLOT DATE = 1/23/2023	DATE - 6/2022	REVISED -						ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 15 + 50



MATCH LINE STA. 21 + 50

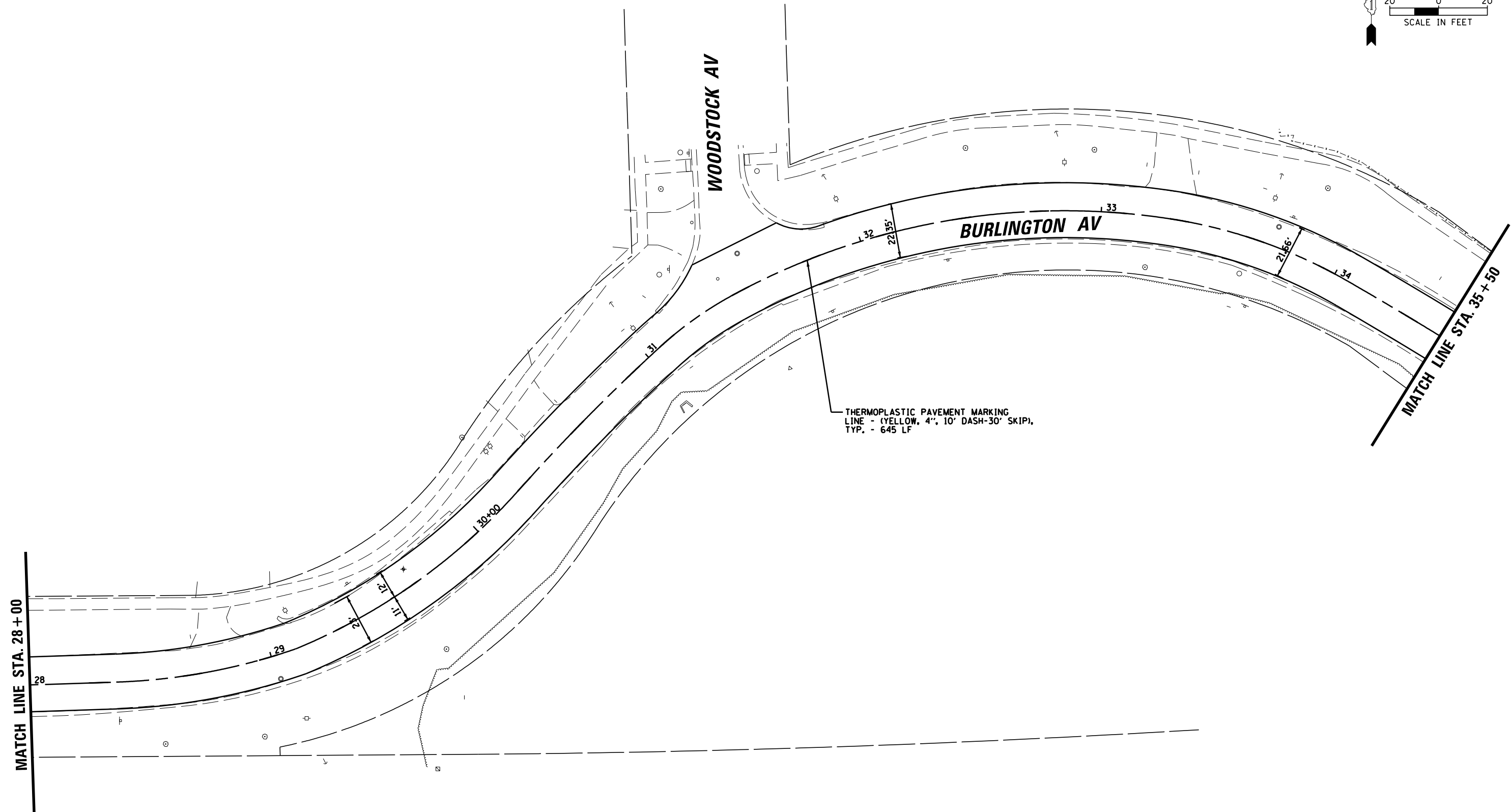
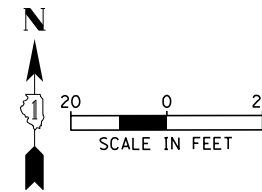
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	PLOT DATE = 1/23/2023	DATE - 6/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	22-00050-00-RS		30	19
CONTRACT NO. 61J56			ILLINOIS FED. AID PROJECT	



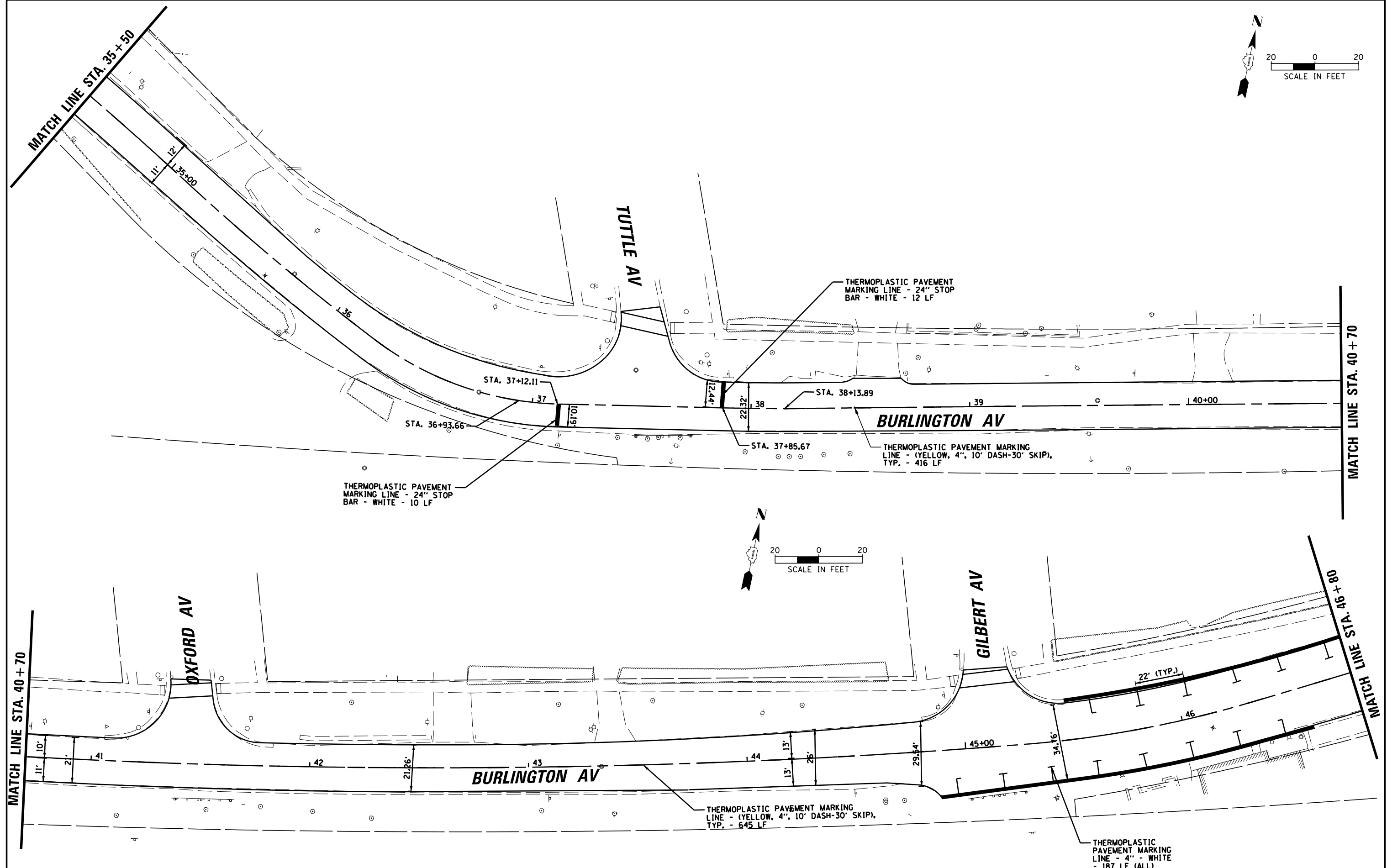
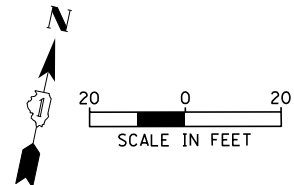
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	PLOT DATE = 1/23/2023	DATE - 6/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	22-00050-00-RS		30	21
CONTRACT NO. 61J56			ILLINOIS FED. AID PROJECT	

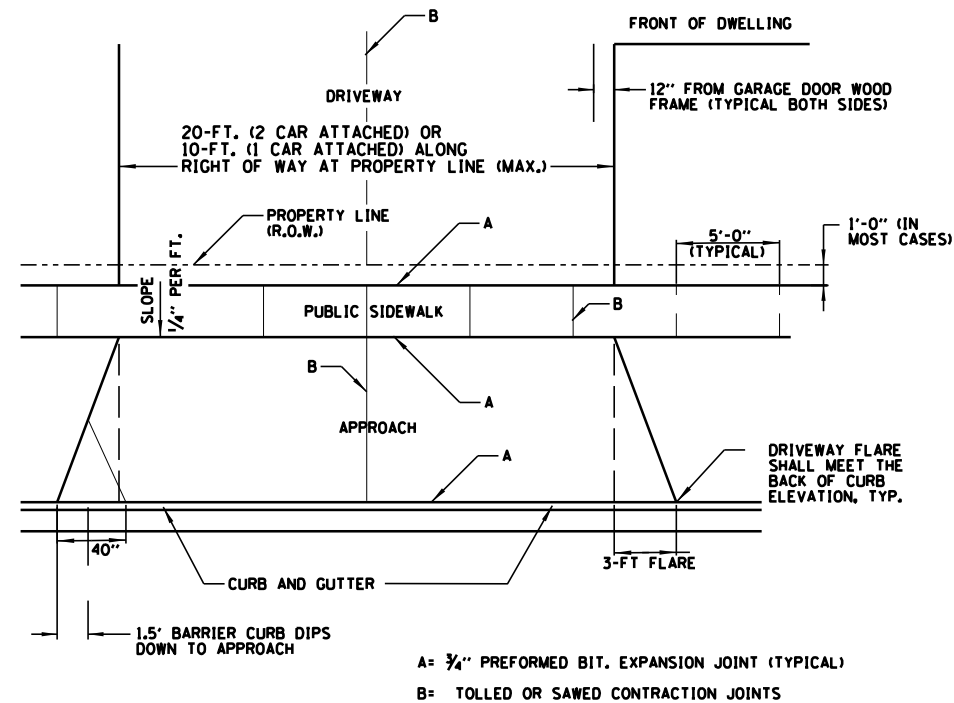


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

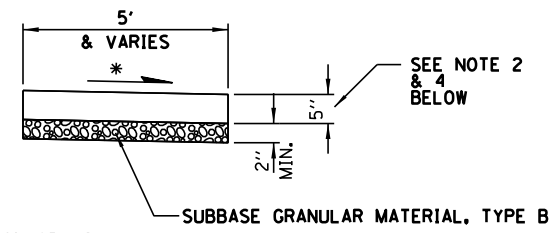
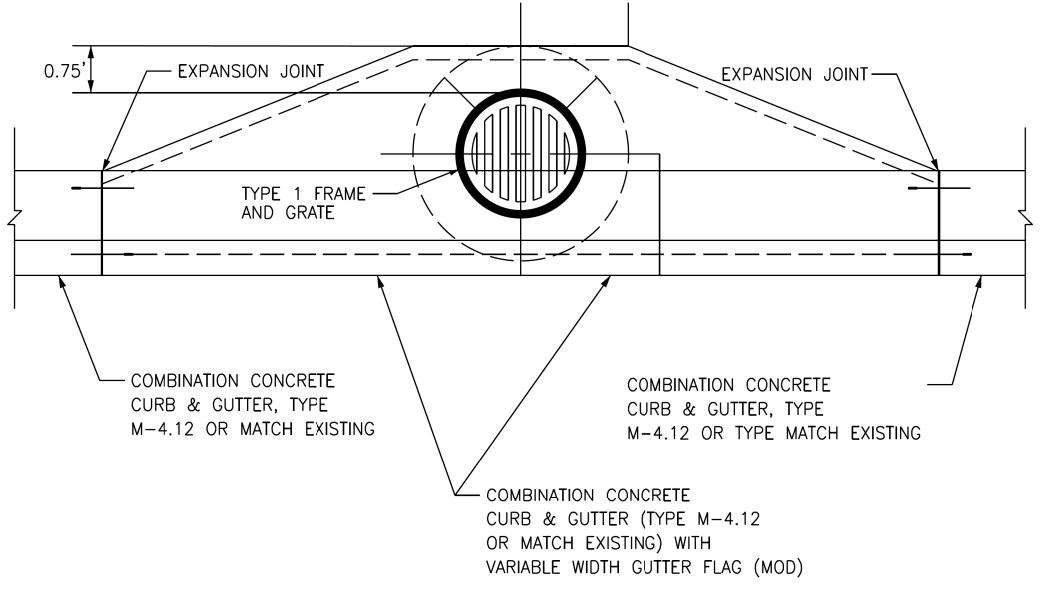
PAVEMENT MARKING PLAN				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	22-00050-00-RS		30	22
CONTRACT NO. 61J56			ILLINOIS FED. AID PROJECT	



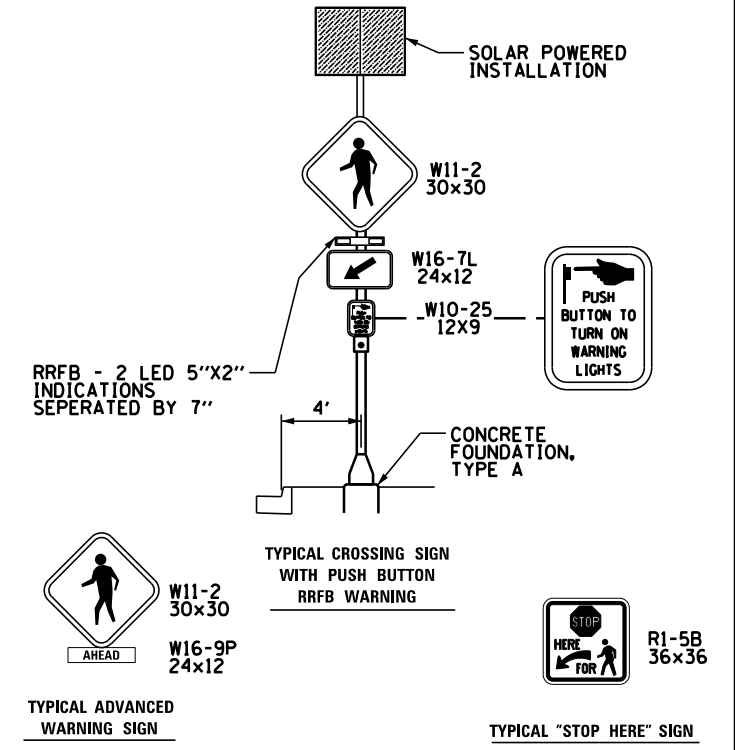
DRIVEWAY WITH A CURB AND GUTTER

- GENERAL NOTES:**
1. DRIVEWAY SHALL HAVE A MIN. SLOPE OF 2% AND MAX. SLOPE OF 6%.
 2. APPROACH SHALL HAVE A MIN. SLOPE OF 2% AND MAX. OF 6%.
 3. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED. (95% PROCTOR)
 4. PUBLIC SIDEWALK SHALL BE 6" AT RESIDENTIAL DRIVEWAYS AND 8" AT COMMERCIAL/INDUSTRIAL DRIVEWAYS. (NO WIRE MESH)
 5. MINIMUM THICKNESS FOR APPROACH. (NO WIRE MESH). THIS WILL BE PAID FOR BY THE FOLLOWING ITEMS:
 - A. 7" THK. P.C. CONCRETE ON 2" AGGREGATE BASE COURSE TYPE B OR
 - B. 3" THK. HOT-MIX ASPHALT SURFACE, MIX "D" N50 ON 6" AGGREGATE BASE COURSE TYPE B
 6. SODDING, SALT TOLERANT AND TOPSOIL, 4" (100) RESTORATION SHALL BE PAID FOR SEPARATELY UNDER THEIR RESPECTIVE PAY ITEMS.



- CROSS SLOPE 2% OR AS SHOWN ON CROSS SECTIONS
1. ALL REQUIRED EARTH EXCAVATION TO CONSTRUCT P.C.C. SIDEWALK SHALL BE INCLUDED IN THE COST OF P.C.C. SIDEWALK 5 INCH, SPECIAL.
 2. WHEN FORMS ARE REMOVED FROM THE SIDEWALK EITHER THE SIDEWALK SHALL BE BARRICADED OR BACKFIELD WITHIN 24 HOURS.
 3. SODDING, SALT TOLERANT AND TOPSOIL, 4" (100) RESTORATION WILL BE PAID FOR SEPARATELY UNDER THEIR RESPECTIVE PAY ITEMS.
 4. PUBLIC SIDEWALK SHALL BE 6" AT RESIDENTIAL DRIVEWAYS AND 8" AT COMMERCIAL/INDUSTRIAL DRIVEWAYS.

P.C.C. SIDEWALK DETAIL

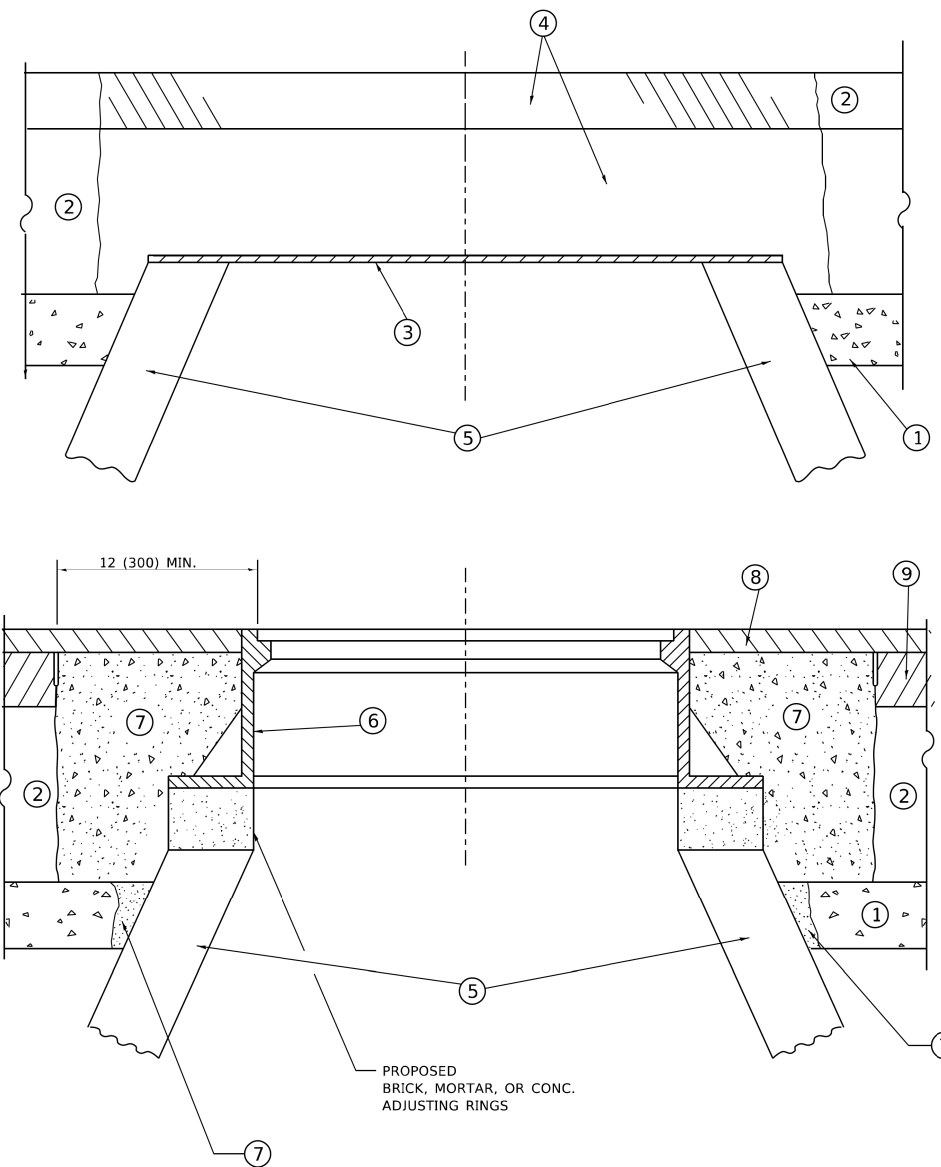


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	PLOT DATE = 1/23/2023	DATE - 6/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	22-00050-00-RS	DUPAGE	30	24
CONTRACT NO. 61J56				
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.

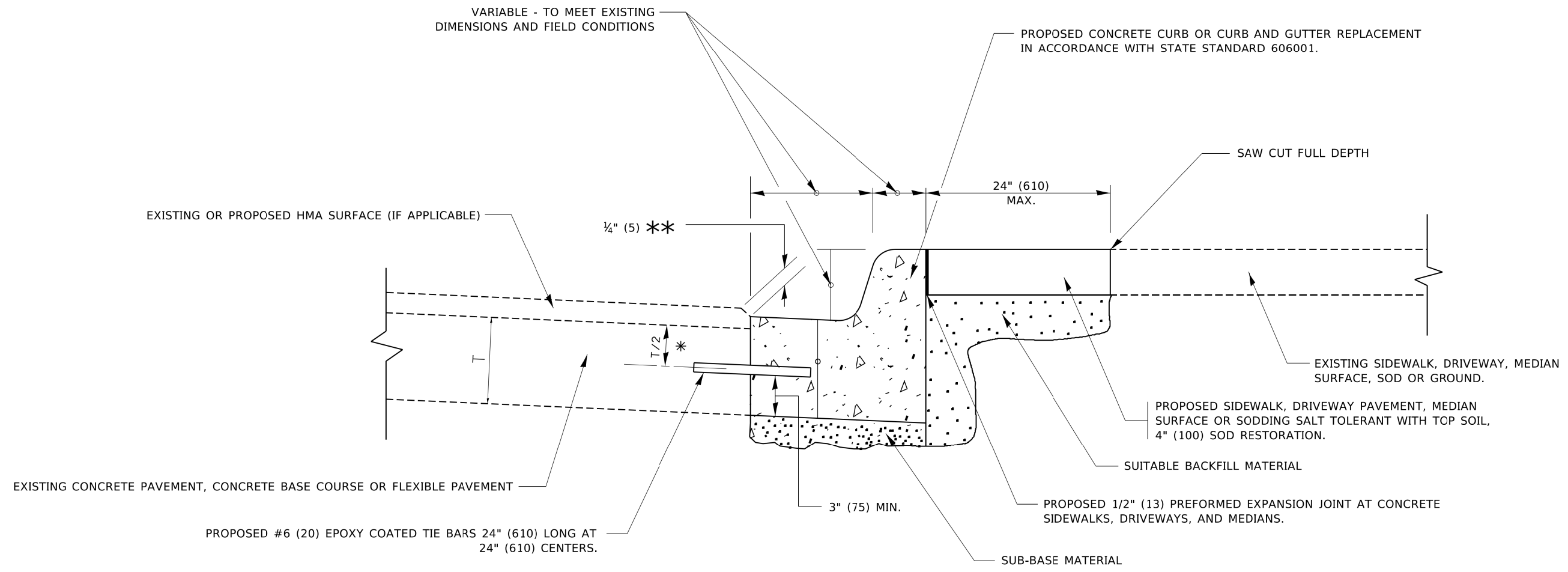
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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	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. 1488	SECTION 22-00050-00-RS	COUNTY DUPAGE	TOTAL SHEETS 30	SHEET NO. 25
			BD600-03 (BD-08)		CONTRACT NO. 61J56		
			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.

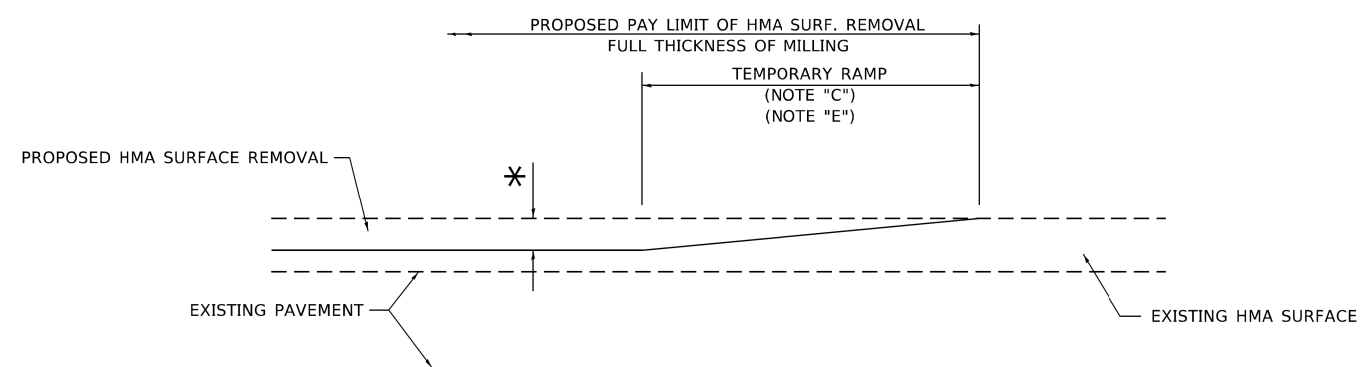
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

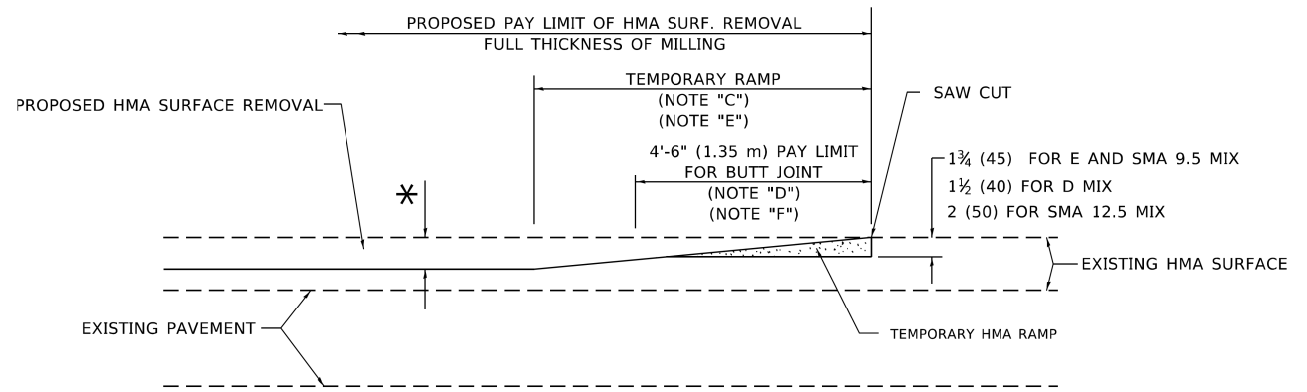
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	22-00050-00-RS	DUPAGE	30	26
BD600-06 (BD-24)		CONTRACT NO. 61J56		
ILLINOIS FED. AID PROJECT				



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

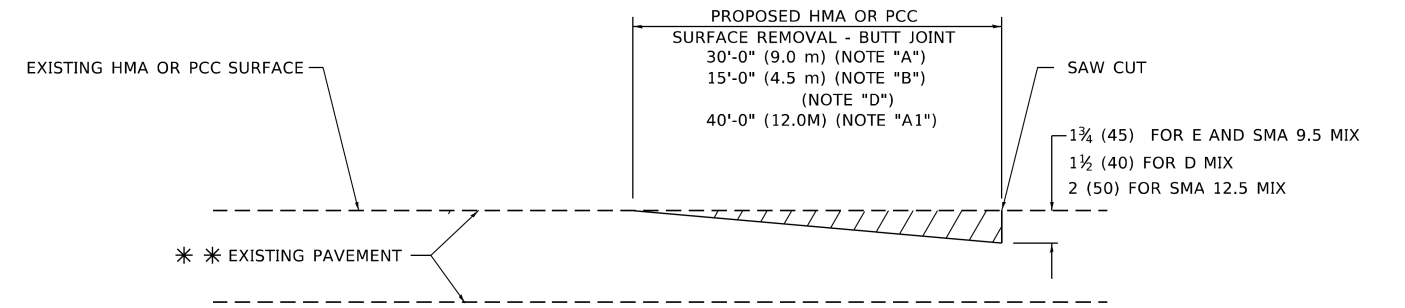
OPTION 1



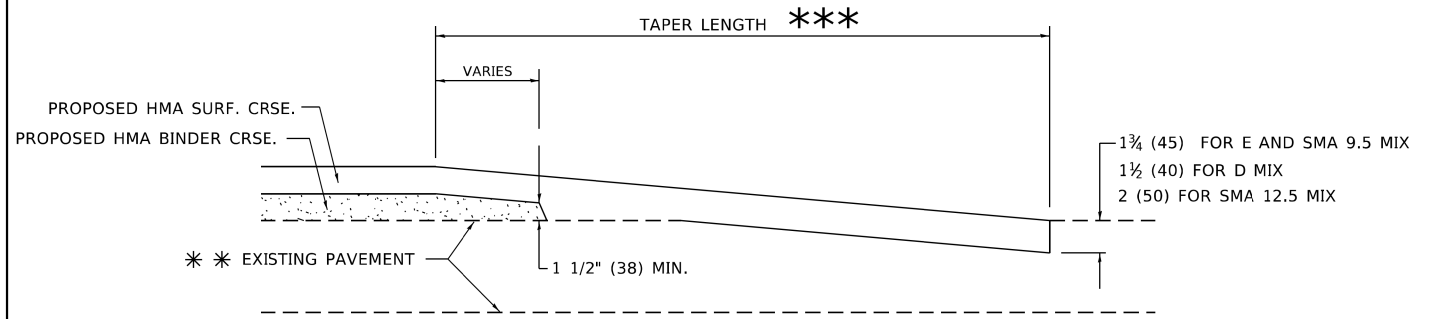
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

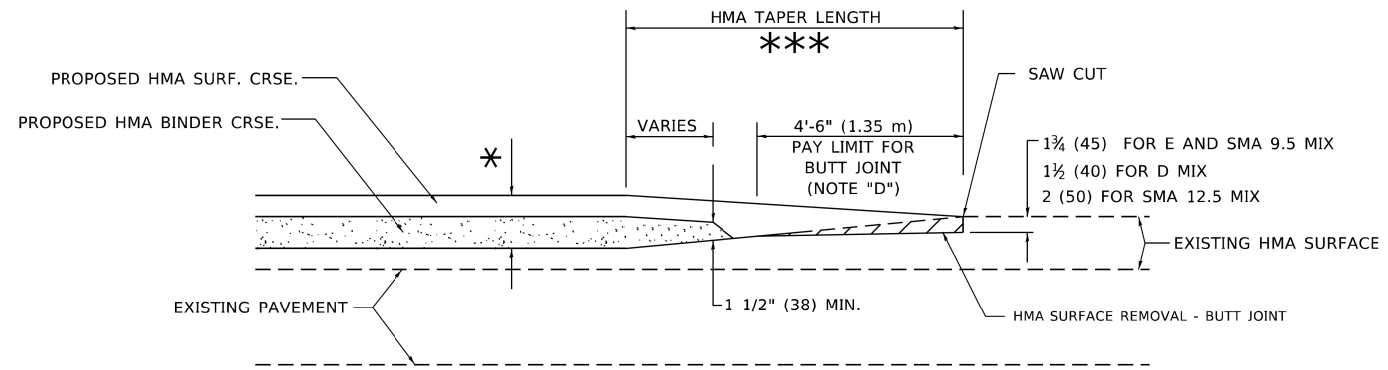
*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

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.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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

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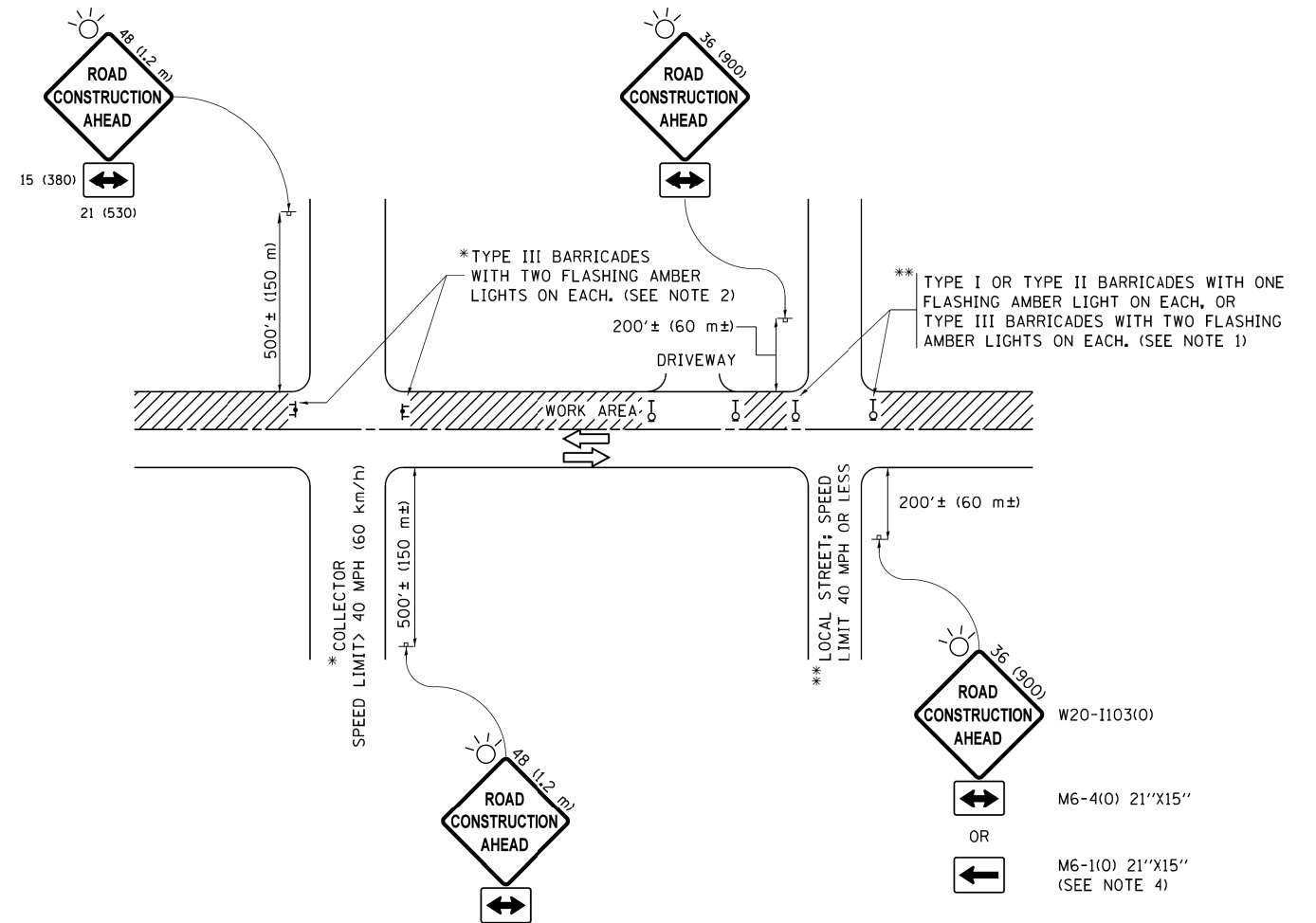
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PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

**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.
1488	22-00050-00-RS	DUPAGE	30	27
BD400-05 BD-32		CONTRACT NO. 61J56		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

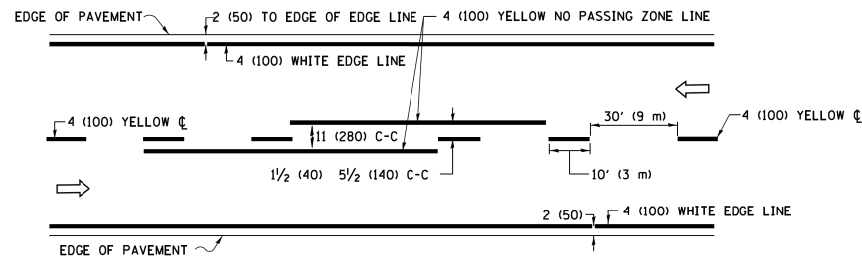
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

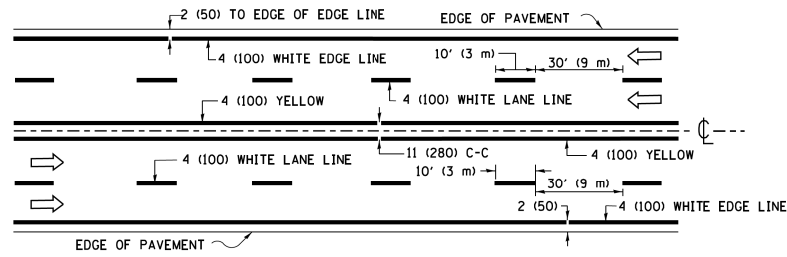
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

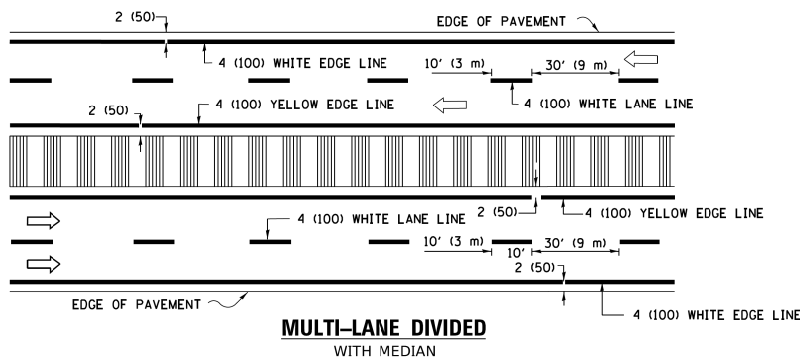
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TC-10			CONTRACT NO. 61J56	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

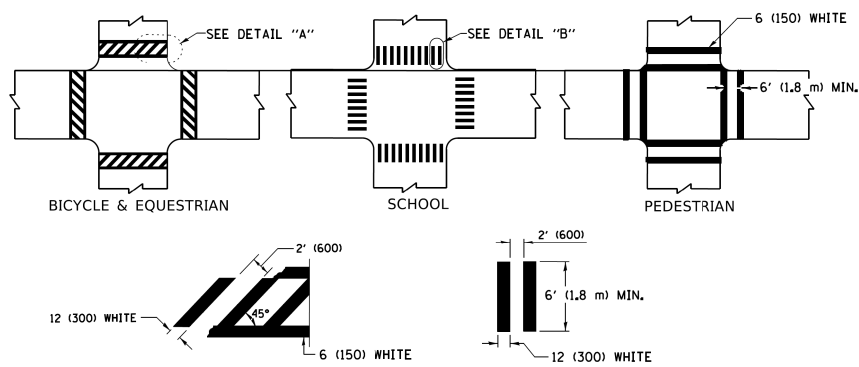


MULTI-LANE UNDIVIDED



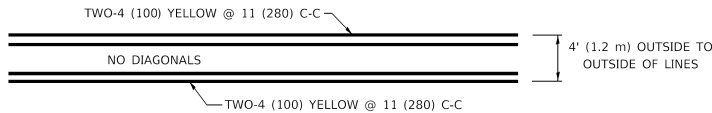
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

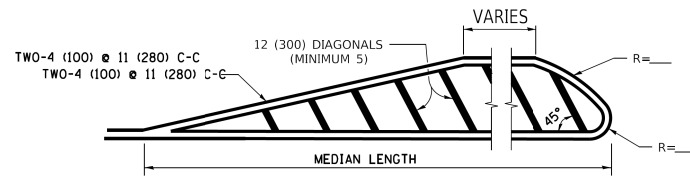


TYPICAL CROSSWALK MARKING

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

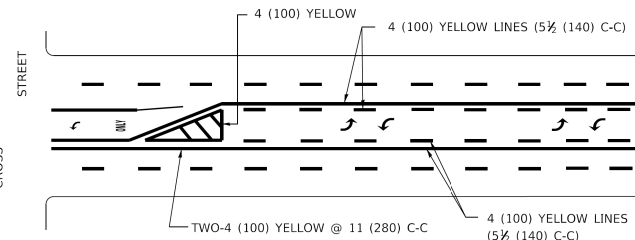


4' (1.2 m) WIDE MEDIANS ONLY

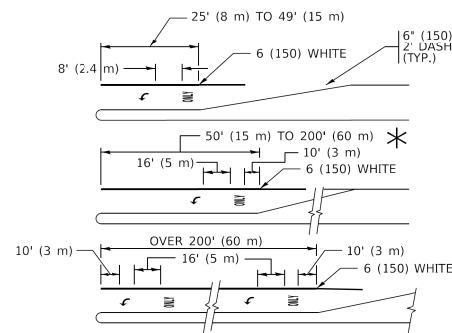


MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



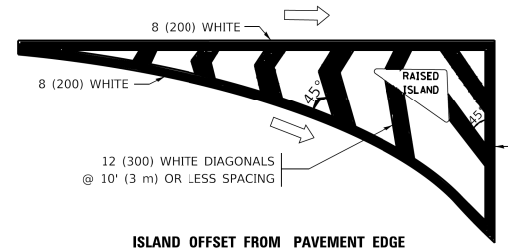
**MEDIAN WITH TWO-WAY LEFT TURN LANE
TYPICAL PAINTED MEDIAN MARKING**



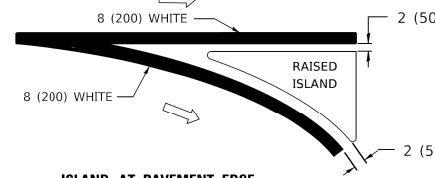
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

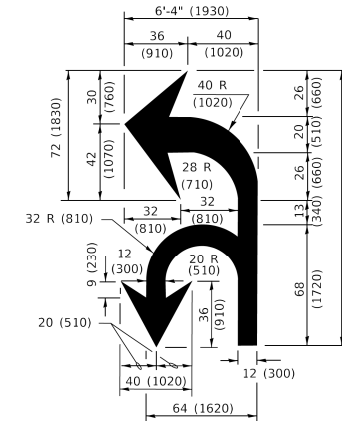


ISLAND OFFSET FROM PAVEMENT EDGE

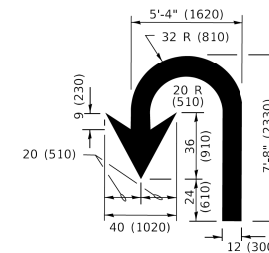


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION
* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (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; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

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DRAWN -	REVISOR - C. JUCIUS 07-01-13	
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PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

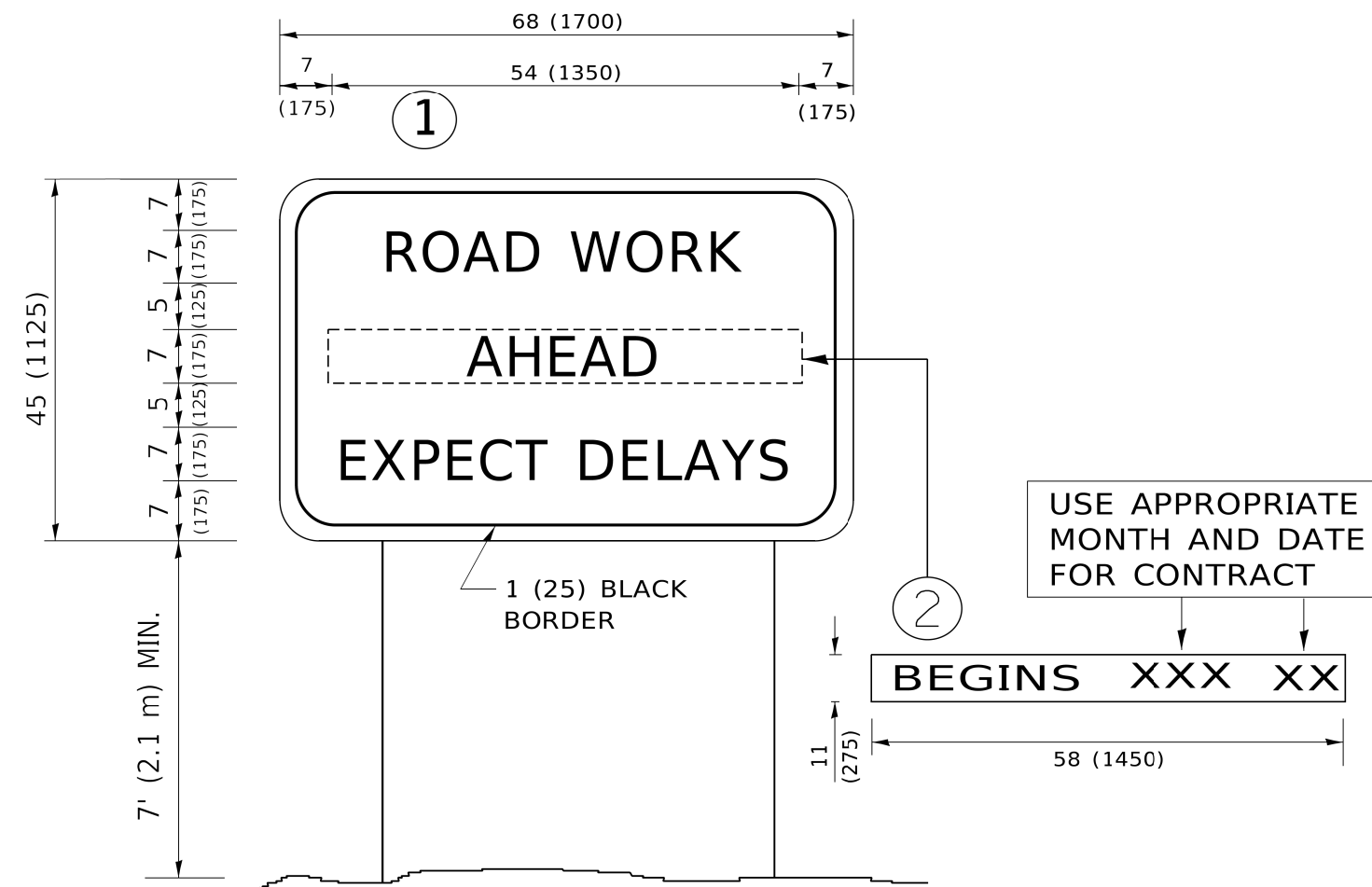
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE	SHEET 1 OF 2 SHEETS	STA. TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	22-00050-00-RS TC-13	DUPAGE	30	29

CONTRACT NO. 61J56
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.

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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	22-00050-00-RS	DUPAGE	30	30
TC-22			CONTRACT NO. 61J56	
ILLINOIS FED. AID PROJECT				