

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

09-22-2023 LETTING, ITEM 010

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

LORRAINE ROAD
RESURFACING PROJECT
IL ROUTE 38 TO HILL AVE
SECTION NO.: 22-00127-00-RS
PROJECT NO.: IQU3(739)
CITY OF WHEATON
DUPAGE COUNTY
JOB NO.: C-91-074-23

F.A.H. NO. 2575	SECTION 22-00127-00-RS	COUNTY DU PAGE	TOTAL SHEETS 24	SHEET NO. 1
CONTRACT NO. 61J76				



LOCATION OF SECTION INDICATED THUS: —

FUNCTIONAL CLASSIFICATION
URBAN MAJOR COLLECTOR
2020 ADT = 2,700
P.V. = N.A S.U. = N.A M.U. = N.A
POSTED / DESIGN SPEED LIMIT = 25 / 30 MPH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED 7-14 2023
James M. [Signature]
CITY OF WHEATON, SENIOR PROJECT ENGINEER

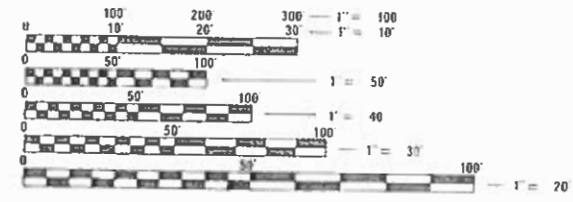
PASSED July 17 2023
[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW July 17 2023
Jose Luis Lopez
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

thomas
engineering group
thomas engineering group, llc
2625 butlerfield road
suite 209w
oak brook il 60523
phone: 855-533-1700

PROGRAM AND OFFICE ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL

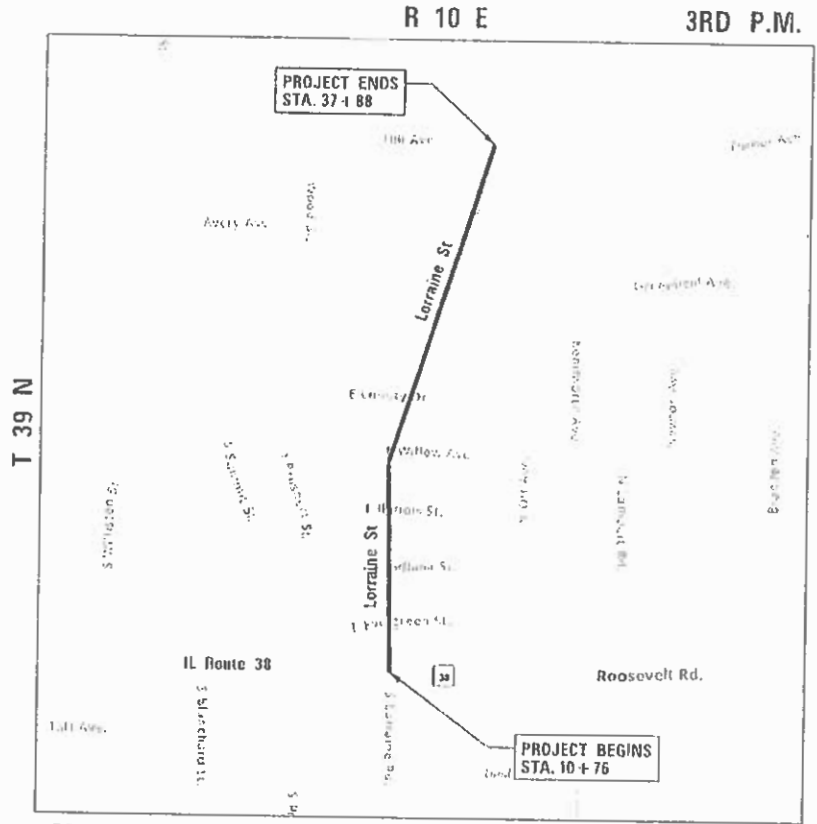


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



PROJECT MANAGER: KEVIN VANDEWOESTYNE
CONTRACT NO. 61J76



MILTON TOWNSHIP
LOCATION MAP
N.T.S.
LORRAINE ROAD GROSS LENGTH: 3,715 FT (0.70 MILE)
LORRAINE ROAD NET LENGTH: 2,712 FT (0.51 MILE)



[Signature]
KEVIN C. VANDEWOESTYNE, P.E.
NO. 062-061311
EXP. DATE: 11-30-2023

GENERAL NOTES:

- 1 ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION ON JANUARY 1, 2022, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED ON JANUARY 1, 2023.
- 2 THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, THEIR AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- 3 THE CONTRACTOR SHALL COORDINATE PAVING OPERATIONS SO THAT THE LONGITUDINAL JOINTS ARE CLOSED AND COMPACTED AT THE END OF EACH DAY. PAVING OPERATIONS SHALL BE SCHEDULED SO THAT ADJACENT LANES ARE PAVED IN THE SAME DIRECTION AS THE INITIAL LANE MINIMIZING THE TIME THE EDGE OF A PAVEMENT MAT IS ALLOWED TO COOL.
- 4 THE CONTRACTOR SHALL USE 2 CHANGEABLE MESSAGE SIGNS AT LOCATIONS TO BE DETERMINED BY THE ENGINEER FOR A PERIOD FROM ONE WEEK PRIOR TO THE START OF CONSTRUCTION TO THE CONCLUSION OF THE PROJECT.
- 5 THE CONTRACTOR SHALL ENSURE ALL WATER SYSTEM VALVES, VALVE VAULTS, AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.
- 6 THE INDISCRIMINATE USE OF FIRE HYDRANTS, EXISTING STREAMS, CREEKS, WETLANDS, OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE CONTRACTOR PRIOR TO THE USE OF WATER.
- 7 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMPING SITES. HE/SHE SHALL PROVIDE A LIST OF THESE SITES TO THE ENGINEER FOR HIS/HER EXAMINATION AND GENERAL INFORMATION.
- 8 ALL EXCESS MATERIAL (BROKEN CONCRETE, ASPHALT, CULVERT PIPE, WASTE ROADWAY EXCAVATION, AND SURPLUS MATERIALS FROM UTILITY TRENCHES) SHALL BE PROPERLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.
- 9 ALL PROPERTY AND SURFACE STRUCTURES WITHIN THE RIGHT-OF-WAY SHALL BE PROTECTED DURING CONSTRUCTION OPERATIONS UNLESS THE ENGINEER DIRECTS REMOVAL FOR PURPOSES RELATED TO CONSTRUCTION UNDER THIS CONTRACT. ANY FENCES, POLES, FLAGSTONE, DECORATIVE STONE, SPECIAL LANDSCAPING, OR OTHER MAN MADE SURFACE IMPROVEMENT WHICH IS REMOVED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY HIM TO ITS ORIGINAL CONDITION AFTER THE CONSTRUCTION ACTIVITIES ARE COMPLETED.
- 10 ALL FRAMES, GRATES, LIDS, FIRE HYDRANTS, AND VALVE BOXES WHICH ARE REMOVED AND ARE TO BE ABANDONED SHALL REMAIN THE PROPERTY OF THE CITY OF WHEATON. UPON REMOVAL FROM THEIR WORKING LOCATIONS, THEY ARE TO BE STOCKPILED AT AN ON-SITE LOCATION DETERMINED BY THE ENGINEER WHERE THEY WILL BE PICKED UP BY CITY PERSONNEL AT THE CONCLUSION OF WORK ON THAT STREET.
- 11 WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE AND PUBLIC DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO ACCEPT ALL STORM WATER THAT WILL BE DELIVERED BY THESE DRAINS AND BASINS AND SHALL DISCHARGE THE SAME. IF NECESSARY, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT AND TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF WATER WHICH IS RECEIVED FROM ALL TEMPORARY CONNECTIONS. THESE TEMPORARY FACILITIES SHALL BE MAINTAINED UNTIL ALL PERMANENT CONNECTIONS ARE COMPLETED.
- 12 EROSION AND SEDIMENT CONTROL MEASURES SHALL BE FOLLOWED WHEN EXISTING CURB AND GUTTER IS REMOVED AND EXISTING DRAINAGE STRUCTURES ARE TO REMAIN ACTIVE. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE DETAIL PROVIDED IN THE CONTRACT DOCUMENTS.
- 13 THE LOCATIONS AND ELEVATIONS OF THE VARIOUS UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE NOT TO BE TAKEN AS EXACT. THE CONTRACTOR SHALL EXERCISE CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR UTILITIES TO PREVENT DAMAGE. THE FAILURE OF A UTILITY COMPANY TO ACCURATELY LOCATE THEIR UTILITY DOES NOT FREE THE CONTRACTOR FROM RESPONSIBILITY. THE MAJOR CONCERN OF THE CITY OF WHEATON IS PUBLIC SAFETY.
- 14 THE CONTRACTOR SHALL COOPERATE WITH THE CITY IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE CITY MAY WANT TO PERFORM DURING THE CONTRACTOR'S OPERATIONS.
- 15 THE CONTRACTOR SHALL HAVE LINE AND/OR FORMS SET A MINIMUM OF FOUR WORKING HOURS PRIOR TO THE SCHEDULED ARRIVAL OF CONCRETE ON SITE FOR THE PLACEMENT OF CURB AND GUTTER, DRIVEWAYS, AND SIDEWALK TO ALLOW THE ENGINEER TIME TO CHECK LINE AND GRADE.
- 16 ALL RADII FOR PROPOSED COMBINATION CONCRETE CURB AND GUTTER SHALL BE PLACED AT THE EXISTING DIMENSION UNLESS OTHERWISE INDICATED ON THE PROJECT PLANS OR AS DIRECTED BY THE ENGINEER. ELEVATIONS SHOWN AT POINT ON THE CURB INDICATED FLOW LINE ELEVATIONS UNLESS NOTED OTHERWISE.

- 16 ALL RADII FOR PROPOSED COMBINATION CONCRETE CURB AND GUTTER SHALL BE PLACED AT THE EXISTING DIMENSION UNLESS OTHERWISE INDICATED ON THE PROJECT PLANS OR AS DIRECTED BY THE ENGINEER. ELEVATIONS SHOWN AT POINT ON THE CURB INDICATED FLOW LINE ELEVATIONS UNLESS NOTED OTHERWISE.
- 17 WHEN WATER SERVICE BOXES FALL WITHIN THE LIMITS OF CONCRETE FLATWORK, THE CONTRACTOR SHALL PROVIDE EITHER A SECTION OF 4" POLY VINYL CHLORIDE (PVC) PIPE OR 4" HIGH DENSITY POLYETHYLENE (HDPE) PIPE TO SLEEVE THE BOX. THE SLEEVE SHALL EITHER BE REMOVED OR TRIMMED TO MATCH THE FINISHED CONCRETE GRADE LEVEL. THE FINAL RESULT SHALL BE A SMOOTH FINISHED "BOX-OUT" AROUND THE SERVICE BOX WHICH SHALL FACILITATE EASY REMOVAL OF THE CAP AT MEET THE FINISHED GRADE. ALL WATER SERVICE BOXES WITHIN PAVEMENT RESURFACING SHALL BE ADJUSTED TO MEET THE FINISHED GRADE LEVEL.
- 18 WHEN A SEWER STRUCTURE FALLS WITHIN THE LIMITS OF A CONCRETE DRIVEWAY, THE CONTRACTOR SHALL PLACE EXPANSION MATERIAL IN A BOX APPROXIMATELY EIGHTEEN (18") INCHES FROM THE CENTER OF THE LID FORMING A SQUARE "BOX-OUT" AROUND THE FRAME. THE RESULT SHALL BE A CONDITION THAT WILL ALLOW FOR THE REMOVAL OF THE SQUARE OF CONCRETE FROM THE DRIVEWAY FOR THE PURPOSE OF REPLACING THE FRAME WITHOUT DAMAGING THE REMAINDER OF THE DRIVEWAY PAVEMENT.
- 19 ALL CONSTRUCTION PERSONNEL SHALL BE REQUIRED TO WEAR AN ANSI/ISEA 107-2015 COMPLIANT SAFETY VEST AT ALL TIMES WHILE ON THE CONSTRUCTION SITE.
- 20 WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1-1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- 21 BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD THE LOCATIONS OF ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE REESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- 22 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 23 THE CONTRACTOR SHALL PROVIDE SAFE AND ORDERLY PASSAGE FOR TRAFFIC AND PEDESTRIANS WHERE CONSTRUCTION OPERATIONS IMPACT PUBLIC THOROUGHFARES AND ADJACENT PROPERTY. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 24 ALL SIDEWALK CURB RAMPS SHALL BE COMPLIANT WITH ALL APPLICABLE ADA STANDARDS AND INCLUDED DETAILS. INDIVIDUAL DESIGN DETAILS HAVE BEEN PROVIDED FOR ALL LOCATIONS WITH AN EXISTING SLOPE OVER 5%.
- 25 A NOMINAL QUANTITY HAS BEEN INCLUDED FOR THE FOLLOWING PAY ITEMS:
 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
 - SUPPLEMENTAL WATERING
 - TEMPORARY EROSION CONTROL SEEDING
 - AGGREGATE SUBGRADE IMPROVEMENT
 - MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS
 - CLASS D PATCHES
- 26 ALL UTILITY STRUCTURES SHALL REMAIN ACCESSIBLE DURING CONSTRUCTION. WHEN UTILITY STRUCTURES ARE TO BE ADJUSTED UNDER TRAFFIC, TEMPORARY RAMPS SHALL BE CONSTRUCTED AND MAINTAINED AT BOTH UPSTREAM AND DOWNSTREAM ENDS OF THE UTILITY CASTING IN ACCORDANCE WITH ARTICLE 406.08.
- 27 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.
- 28 THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 29 THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.

GENERAL NOTES - SEWERS:

- 30 ALL FRAMES WITH CLOSED LIDS BEING FURNISHED FOR THIS PROJECT SHALL HAVE CAST INTO THE LID ONE OR MORE OF THE FOLLOWING WORDS:
 - "STORM" - FOR STORM SEWER MANHOLE LIDS
 - "SANITARY" - FOR SANITARY MANHOLE LIDS
 - "WATER" - FOR WATER SYSTEM STRUCTURE LIDS
 - "FISH" SYMBOL DIRECTLY ON THE CURB BACK - FOR CURB INLET FRAMES
- 31 IF AT ANY TIME DURING THE CONSTRUCTION OF THIS PROJECT LOOSE MATERIAL IS DEPOSITED INTO THE FLOW LINE OF A SEWER STRUCTURE IN SUCH A WAY AS TO RESTRICT OR OBSTRUCT THE NATURAL FLOW OF WATER IN THE STRUCTURE, THE MATERIAL SHALL BE REMOVED BEFORE THE CLOSE OF THE WORKING DAY DURING WHICH IT WAS DEPOSITED. AT THE CONCLUSION OF CONSTRUCTION ACTIVITIES, AND BEFORE THE ENGINEER ACCEPTS THE PROJECT, ALL SEWERS AND SEWER STRUCTURES THAT FALL WITHIN THE LIMITS OF THE PROJECT SHALL BE FREE OF CONSTRUCTION DEBRIS AND LOOSE MATERIAL.

INDEX OF SHEETS

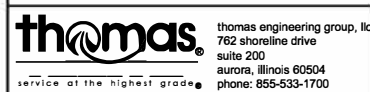
- 1 TITLE SHEET
- 2 GENERAL NOTES
- 3-5 SUMMARY OF QUANTITIES
- 6 TYPICAL SECTIONS
- 7-9 PROPOSED PLAN SHEETS
- 10-12 LANDSCAPING & PAVEMENT MARKING PLAN SHEETS
- 13-16 SIDEWALK DETAILS
- 17 WHEATON CONSTRUCTION DETAIL
- 18-24 DISTRICT 1 DETAILS

IDOT DISTRICT ONE DETAILS

- BD-08 DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
- BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- BD-32 BUTT JOINT AND HMA TAPER DETAILS
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-16 SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

IDOT STATE STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 442201-03 CLASS C AND D PATCHES
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701006-05 OFF RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) 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
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES



USER NAME = MJS	DESIGNED -	REVISED
	DRAWN -	REVISED -
PLOT SCALE = FULL SIZE	CHECKED -	REVISED -
PLOT DATE = 5/4/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-R5	DuPAGE	24	2
CONTRACT:			61J76	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
				STU 80/20	STU 80/20
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY MAINT.	SAFETY
				0005	0021
20101000	TEMPORARY FENCE	FOOT	88	88	
* 20101200	TREE ROOT PRUNING	EACH	2	2	
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	2	2	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	65	65	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	308	308	
25200110	SODDING, SALT TOLERANT	SQ YD	308	308	
25200200	SUPPLEMENTAL WATERING	UNIT	17	17	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	6	6	
28000510	INLET FILTERS	EACH	30	30	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	65	65	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,219	5,219	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	2,802	2,802	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	30	30	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	226	226	
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	433	433	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	866	866	

* SPECIALTY ITEMS

thomas
 thomas engineering group, llc
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700

USER NAME = MJS	DESIGNED -	REVISED
	DRAWN -	REVISED -
PLOT SCALE = FULL SIZE	CHECKED -	REVISED -
PLOT DATE = 5/4/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2575	SECTION 22-00127-00-R5	COUNTY DuPAGE	TOTAL SHEETS 24	SHEET NO. 3
CONTRACT: 61J76			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
				STU 80/20	STU 80/20
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY MAINT.	SAFETY
				0005	0021
42400800	DETECTABLE WARNINGS	SQ FT	220	220	
44201701	CLASS D PATCHES, TYPE I, 5 INCH	SQ YD	97	97	
44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	97	97	
44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	97	97	
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	97	97	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	12	12	
60404400	FRAMES AND GRATES, TYPE 4	EACH	6	6	
60404600	FRAMES AND GRATES, TYPE 9	EACH	1	1	
60404800	FRAMES AND GRATES, TYPE 11	EACH	4	4	
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1	
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	6	6	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	30	30	

* SPECIALTY ITEMS



thomas engineering group, inc.
762 shoreline drive
suite 200
aurora, illinois 60504
phone: 855-533-1700

USER NAME = MJS	DESIGNED -	REVISED
	DRAWN -	REVISED -
PLOT SCALE = FULL SIZE	CHECKED -	REVISED -
PLOT DATE = 5/4/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2575	SECTION 22-00127-00-R5	COUNTY DuPAGE	TOTAL SHEETS 24	SHEET NO. 4
CONTRACT: 61J76			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
				STU 80/20	STU 80/20
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY MAINT.	SAFETY
				0005	0021
70300100	SHORT TERM PAVEMENT MARKING	FOOT	422		422
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	141		141
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTER AND SYMBOLS	SQ FT	142		142
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	408		408
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	80		80
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	177		177
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	163		163
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1	
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	1,913		1,913
X4400500	COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)	FOOT	392	392	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	7,732	7,732	
X4404700	SIDEWALK REMOVAL (SPECIAL)	SQ FT	1,986		1,986
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	6	6	
X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	392	392	

* SPECIALTY ITEMS



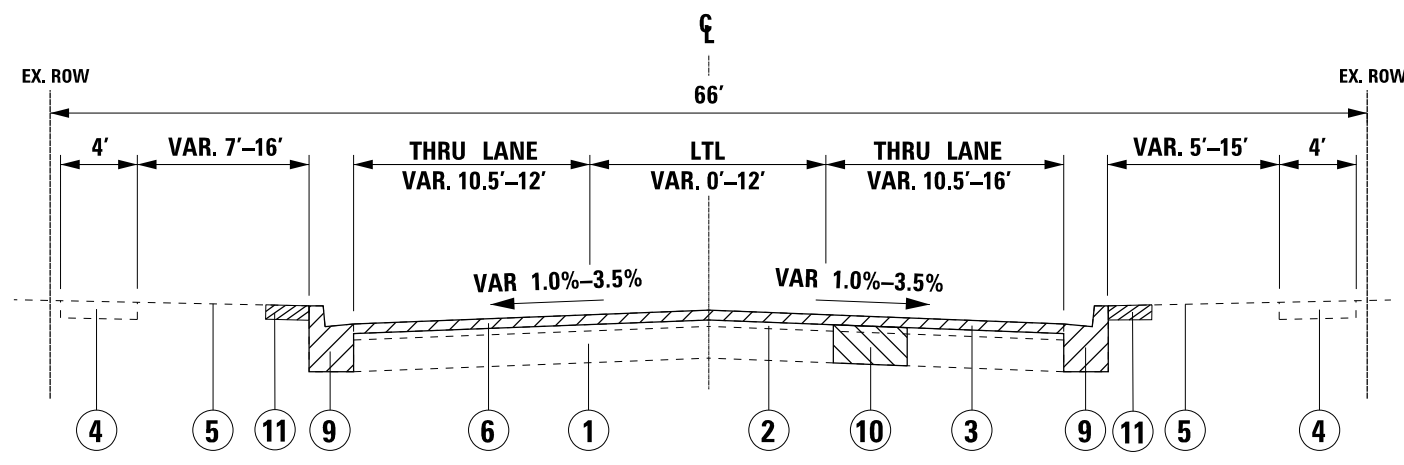
USER NAME = MJS	DESIGNED - _____	REVISED - _____
PLOT SCALE = FULL SIZE	DRAWN - _____	REVISED - _____
PLOT DATE = 5/4/2023	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

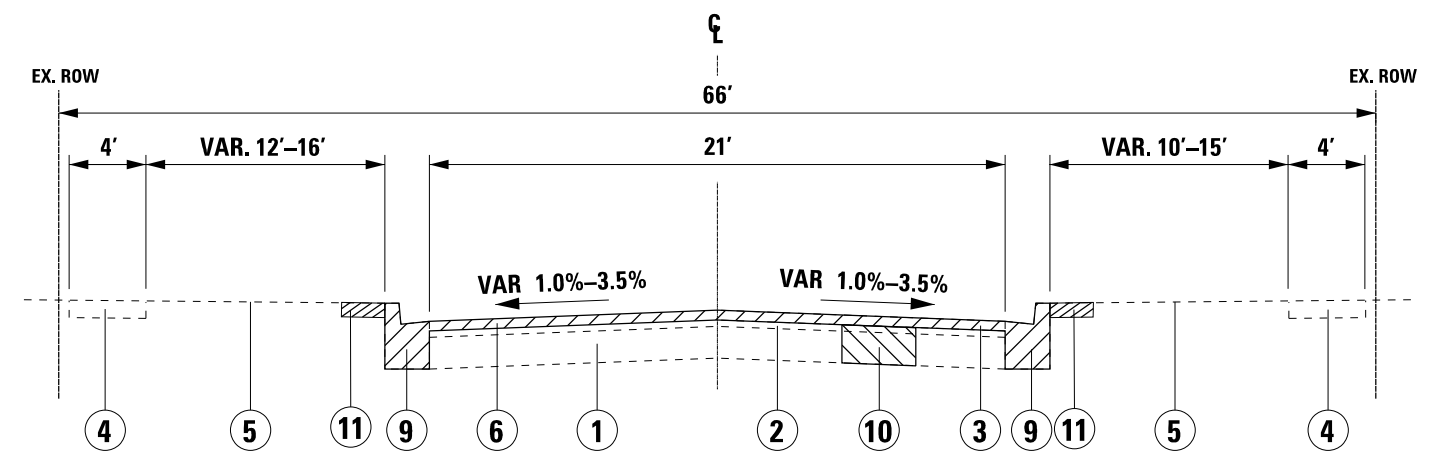
SUMMARY OF QUANTITIES

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

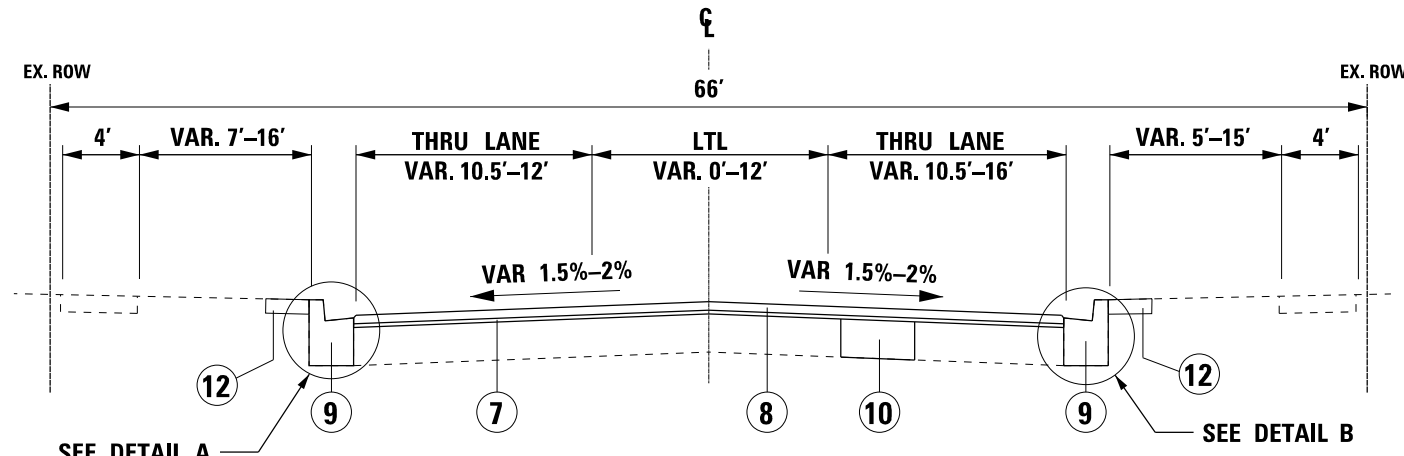
FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS	DuPAGE	24	5
CONTRACT NO. 61J76			ILLINOIS FED. AID PROJECT	



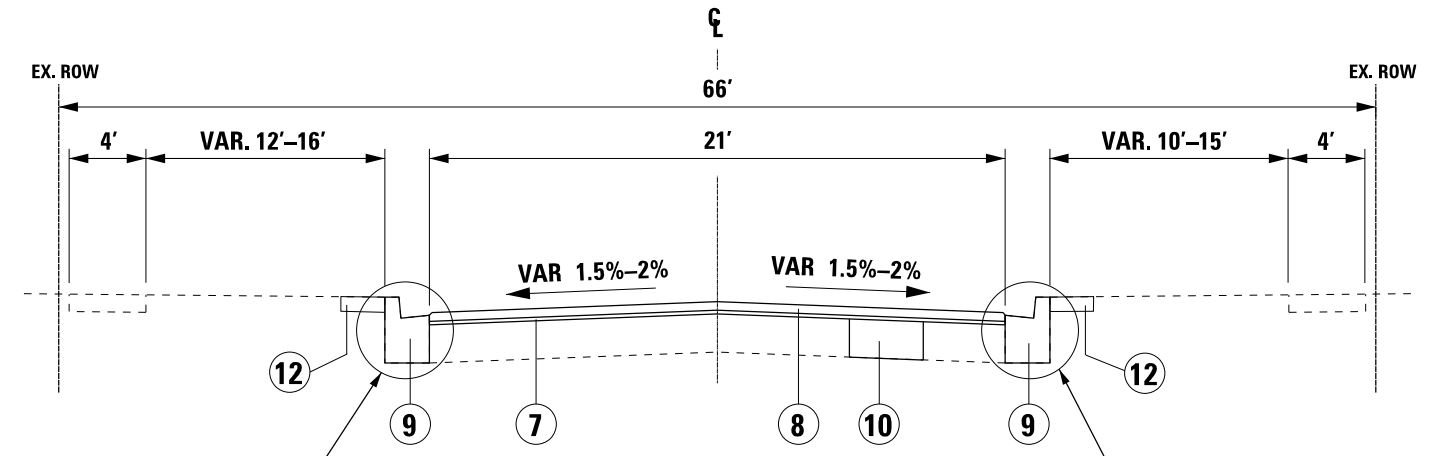
EXISTING TYPICAL SECTIONS
LORRAINE ROAD
STA. 10+76 TO STA. 12+68



EXISTING TYPICAL SECTIONS
LORRAINE ROAD
STA. 12+68 TO STA. 37+88



PROPOSED TYPICAL SECTIONS
LORRAINE ROAD
STA. 10+76 TO STA. 12+68



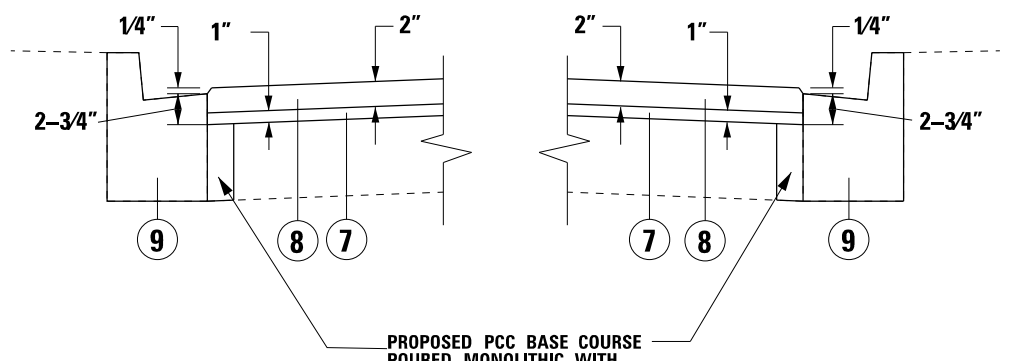
PROPOSED TYPICAL SECTIONS
LORRAINE ROAD
STA. 12+68 TO STA. 37+88

LEGEND
REMOVAL ITEMS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
ROADWAY RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	4% @ 50 Gyr.	LR-1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 Gyr.	LR-1030-2
CLASS D PATCHES		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4% @ 50 Gyr.	LR-1030-2
QMP designations: Quality Control/Quality Assurance (QC/QA) PER LR1030-2		
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 "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS. 3. THE CONTRACTOR SHALL MILL BEFORE PATCHING. 4. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLY. HMA BINDER CRS, IL-4.75, N50		

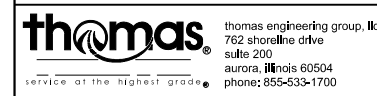
- LEGEND**
- ① EX. HMA / P.C.C BASE COURSE
 - ② EX. HMA BINDER COURSE
 - ③ EX. HMA SURFACE COURSE
 - ④ EX. SIDEWALK
 - ⑤ EX. PARKWAY
 - ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, (2.75" TO 4.75")
 - ⑦ POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, (1")
 - ⑧ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")
 - ⑨ COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT (SEE NOTE 3 AND DETAILS A & B)
 - ⑩ CLASS D PATCHES, 5" (SEE NOTE 3)
 - ⑪ LANDSCAPE REMOVAL (SEE NOTE 5)
 - ⑫ PR. PARKWAY RESTORATION
 - TOPSOIL FURNISH AND PLACE, 4"
 - SODDING, SALT TOLERANT

- GENERAL NOTES:**
1. ALL LONGITUDINAL JOINTS BETWEEN LANES MUST BE FINISHED BY THE END OF EACH WORKING DAY TO PREVENT COLD JOINT BONDING BETWEEN SUCCESSIVE DAYS OF PAVING
 2. THE CONTRACTOR SHALL NOTIFY AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF OPERATIONS AFFECTING DRIVEWAY INGRESS AND EGRESS.
 3. LOCATIONS SHALL BE DETERMINED IN THE FIELD DURING CONSTRUCTION BY THE ENGINEER.
 4. NO PROPOSED MIDBLOCK SIDEWALK REPAIR.
 5. CONTRACTOR SHALL MINIMIZE DISTURBANCE OF EXISTING SOD LANDSCAPE. RESTORATION SHALL BE PAID FOR AS PR. LANDSCAPE RESTORATION



DETAIL A
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

DETAIL B
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT



USER NAME = MJS	DESIGNED -	REVISED -
PLOT SCALE = FULL SIZE	DRAWN -	REVISED -
PLOT DATE = 5/4/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

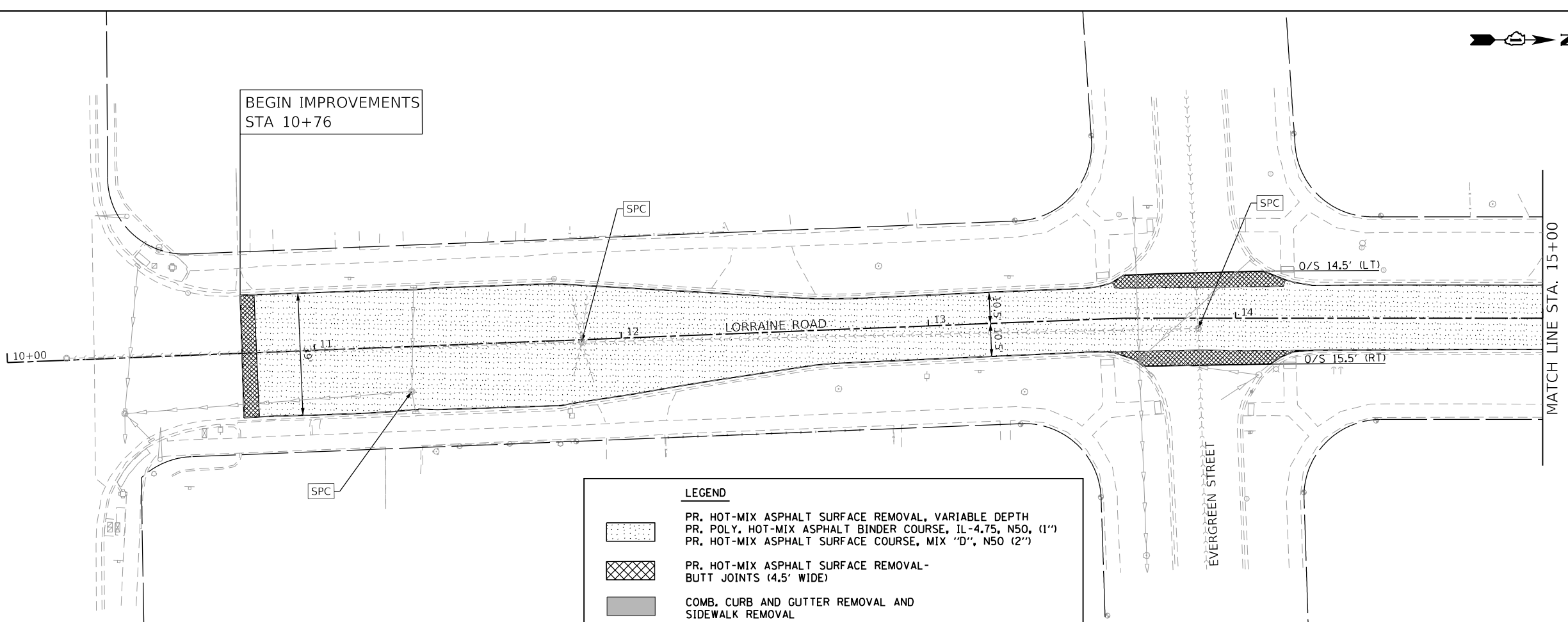
TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS	DuPAGE	24	6
CONTRACT NO. 61J76			ILLINOIS FED. AID PROJECT	

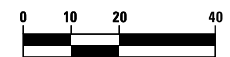
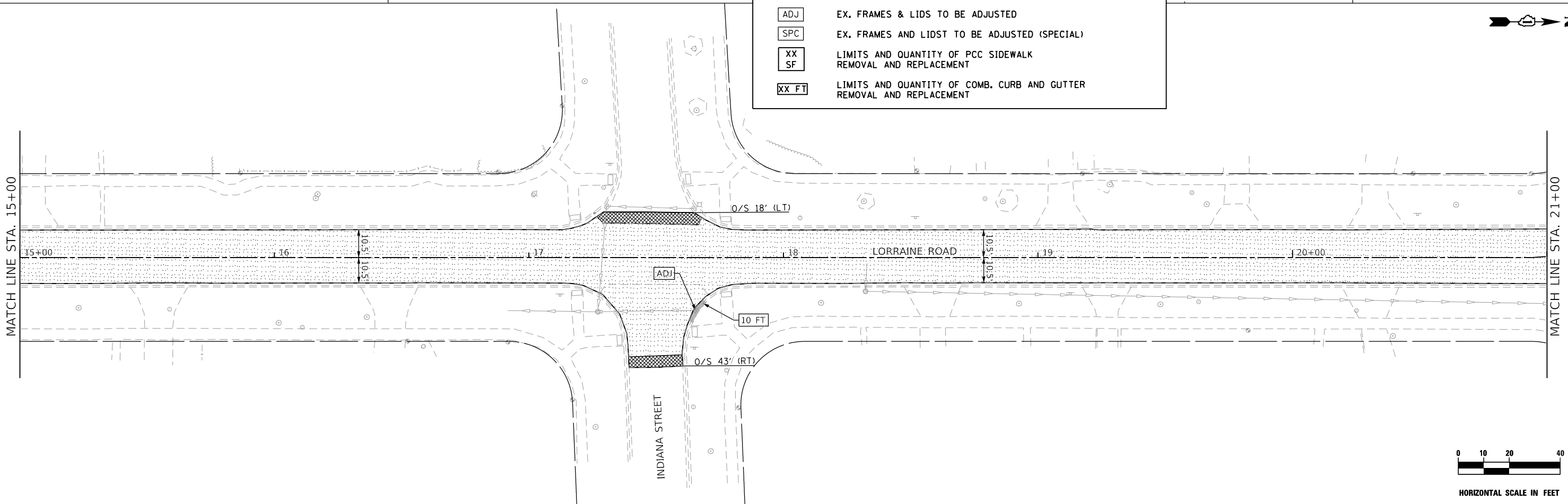
ILLINOIS ROUTE 38 (ROOSEVELT ROAD)

BEGIN IMPROVEMENTS
STA 10+76



HORIZONTAL SCALE IN FEET

LEGEND	
	PR. HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH PR. POLY. HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, (1") PR. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (2")
	PR. HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINTS (4.5' WIDE)
	COMB. CURB AND GUTTER REMOVAL AND SIDEWALK REMOVAL
	EX. FRAMES & LIDS TO BE ADJUSTED
	EX. FRAMES AND LIDST TO BE ADJUSTED (SPECIAL)
	LIMITS AND QUANTITY OF PCC SIDEWALK REMOVAL AND REPLACEMENT
	LIMITS AND QUANTITY OF COMB. CURB AND GUTTER REMOVAL AND REPLACEMENT



HORIZONTAL SCALE IN FEET

thomas thomas engineering group, llc
762 shoreline drive
suite 200
aurora, illinois 60504
phone: 855-533-1700
service at the highest grade

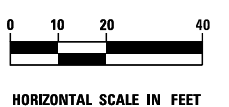
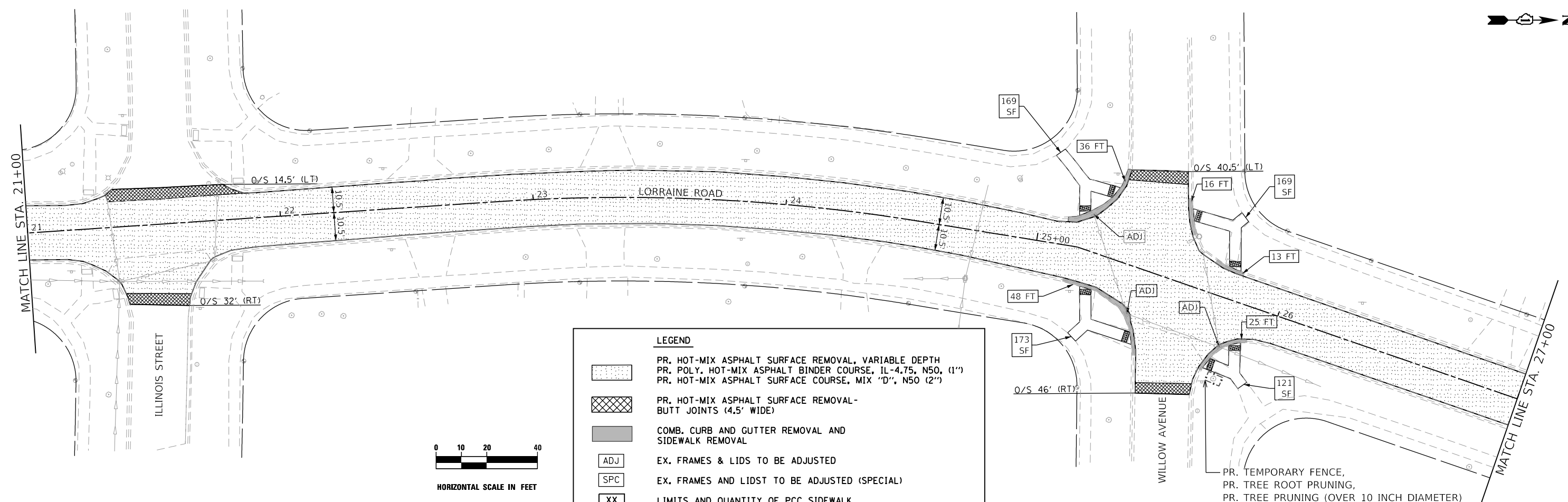
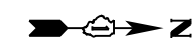
USER NAME = MJS	DESIGNED -	REVISED -
PLOT SCALE = 1" = 20'	DRAWN -	REVISED -
PLOT DATE = 5/4/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LORRAINE ROAD RESURFACING PROJECT
PROPOSED PLANS

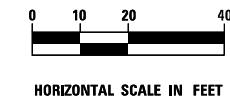
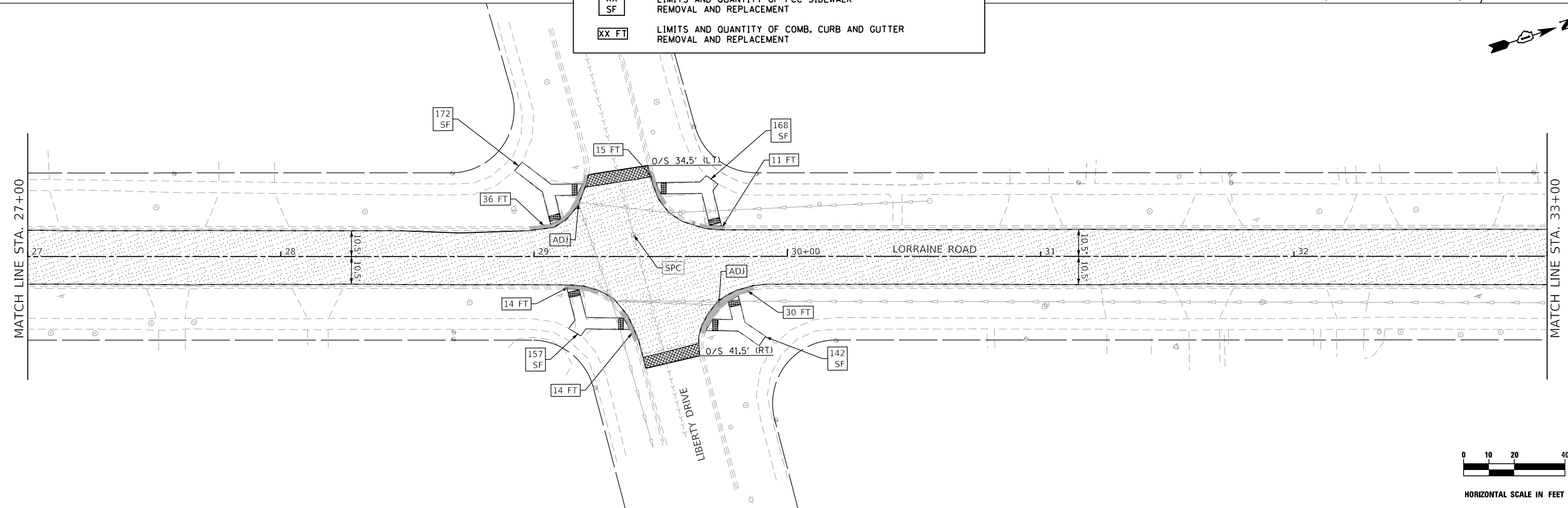
SCALE: SHEET OF SHEETS STA. TO STA.

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS		24	7
CONTRACT NO. 61J76			ILLINOIS FED. AID PROJECT	



LEGEND

- PR. HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- PR. POLY. HOT-MIX ASPHALT BINDER COURSE, 1L-4.75, N50, (1")
- PR. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (2")
- PR. HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINTS (4.5' WIDE)
- COMB. CURB AND GUTTER REMOVAL AND SIDEWALK REMOVAL
- EX. FRAMES & LIDS TO BE ADJUSTED
- EX. FRAMES AND LIDST TO BE ADJUSTED (SPECIAL)
- LIMITS AND QUANTITY OF PCC SIDEWALK REMOVAL AND REPLACEMENT
- LIMITS AND QUANTITY OF COMB. CURB AND GUTTER REMOVAL AND REPLACEMENT



thomas thomas engineering group, llc
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700

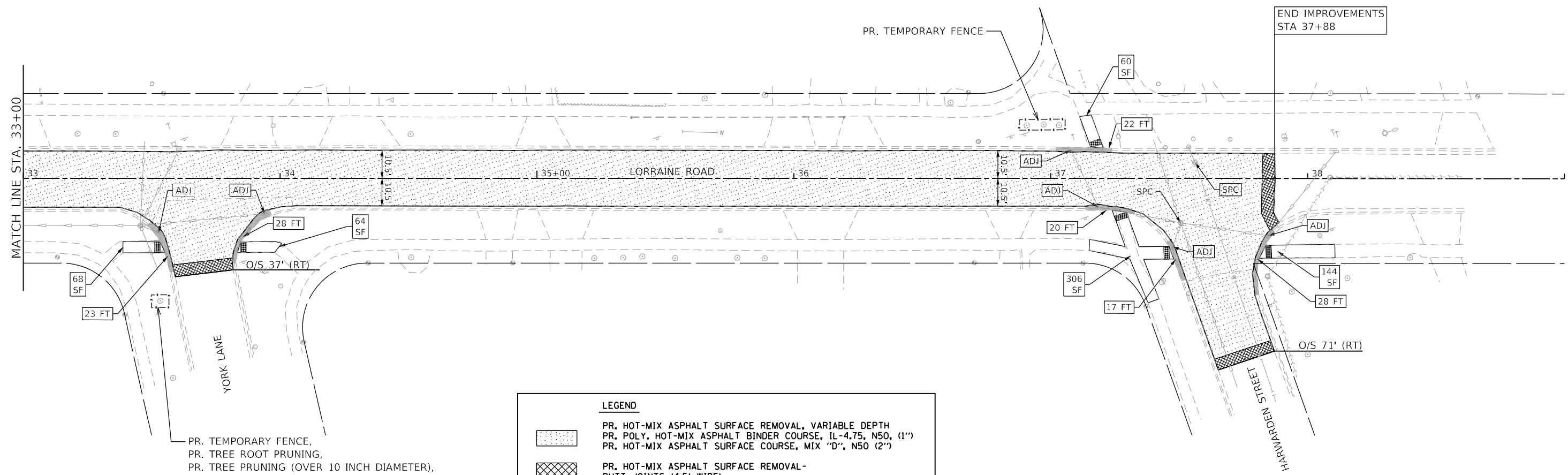
USER NAME = MJS	DESIGNED -	REVISED -
PLOT SCALE = 1" = 20'	DRAWN -	REVISED -
PLOT DATE = 5/4/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LORRAINE ROAD RESURFACING PROJECT
 PROPOSED PLANS**

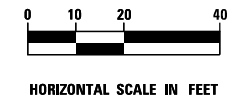
SCALE: SHEET OF SHEETS STA. TO STA.

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS	DuPAGE	24	8
CONTRACT NO. 61J76				
ILLINOIS FED. AID PROJECT				



LEGEND	
	PR. HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH PR. POLY. HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, (1") PR. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (2")
	PR. HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINTS (4.5' WIDE)
	COMB. CURB AND GUTTER REMOVAL AND SIDEWALK REMOVAL
	EX. FRAMES & LIDS TO BE ADJUSTED
	EX. FRAMES AND LIDST TO BE ADJUSTED (SPECIAL)
	LIMITS AND QUANTITY OF PCC SIDEWALK REMOVAL AND REPLACEMENT
	LIMITS AND QUANTITY OF COMB. CURB AND GUTTER REMOVAL AND REPLACEMENT

PR. TEMPORARY FENCE,
PR. TREE ROOT PRUNING,
PR. TREE PRUNING (OVER 10 INCH DIAMETER),



thomas
thomas engineering group, llc
762 shoreline drive
suite 200
aurora, illinois 60504
phone: 855-533-1700
service at the highest grade

USER NAME = MJS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1" = 20'	CHECKED -	REVISED -
PLOT DATE = 5/4/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

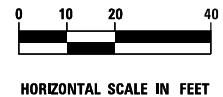
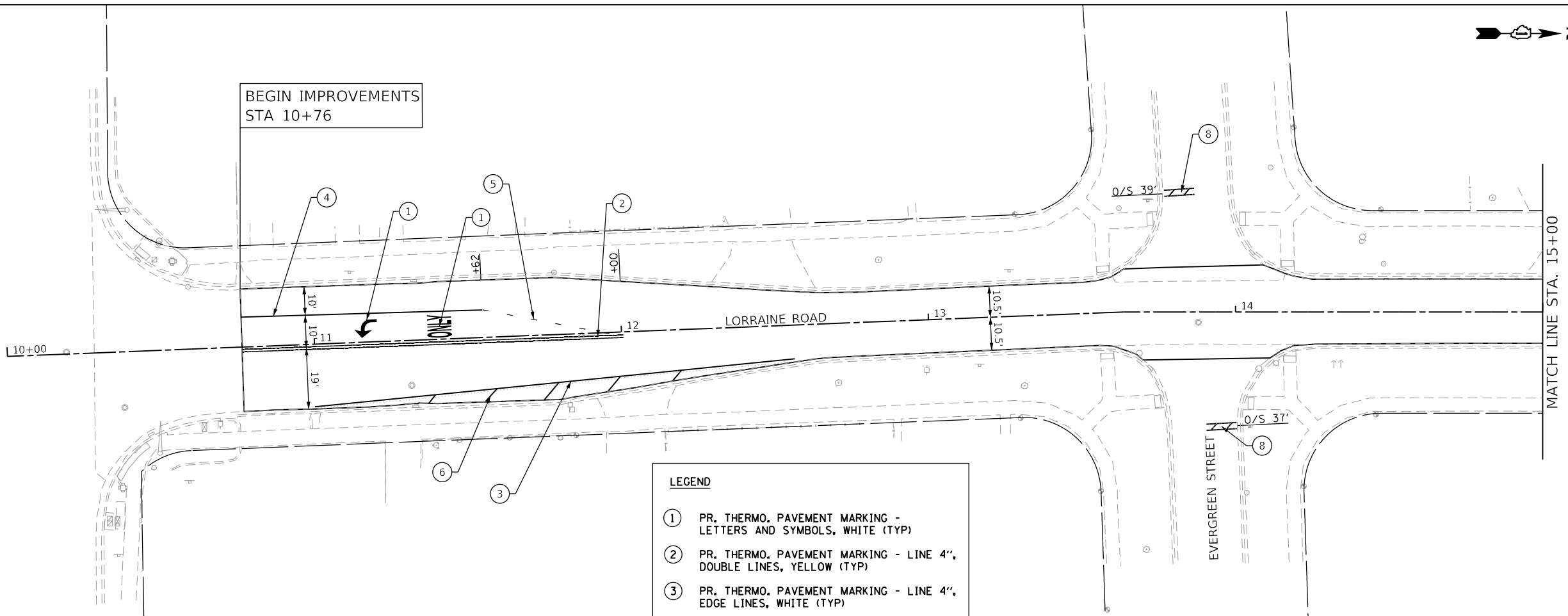
LORRAINE ROAD RESURFACING PROJECT
PROPOSED PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-R5	DuPAGE	24	9
CONTRACT NO. 61J76				
ILLINOIS FED. AID PROJECT				

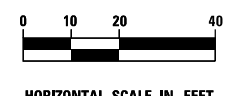
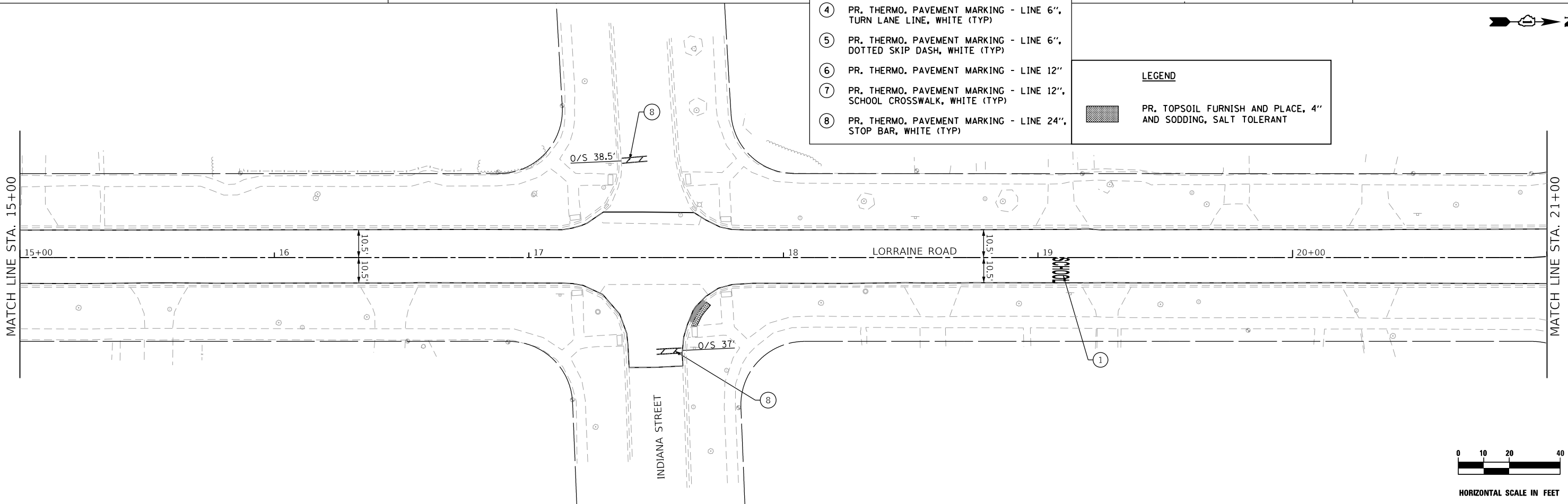
ILLINOIS ROUTE 38 (ROOSEVELT ROAD)

BEGIN IMPROVEMENTS
STA 10+76



- LEGEND**
- ① PR. THERMO. PAVEMENT MARKING - LETTERS AND SYMBOLS, WHITE (TYP)
 - ② PR. THERMO. PAVEMENT MARKING - LINE 4", DOUBLE LINES, YELLOW (TYP)
 - ③ PR. THERMO. PAVEMENT MARKING - LINE 4", EDGE LINES, WHITE (TYP)
 - ④ PR. THERMO. PAVEMENT MARKING - LINE 6", TURN LANE LINE, WHITE (TYP)
 - ⑤ PR. THERMO. PAVEMENT MARKING - LINE 6", DOTTED SKIP DASH, WHITE (TYP)
 - ⑥ PR. THERMO. PAVEMENT MARKING - LINE 12"
 - ⑦ PR. THERMO. PAVEMENT MARKING - LINE 12", SCHOOL CROSSWALK, WHITE (TYP)
 - ⑧ PR. THERMO. PAVEMENT MARKING - LINE 24", STOP BAR, WHITE (TYP)

- LEGEND**
- PR. TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT



thomas thomas engineering group, llc
762 shoreline drive
suite 200
aurora, illinois 60504
phone: 855-533-1700

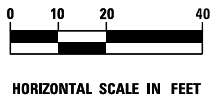
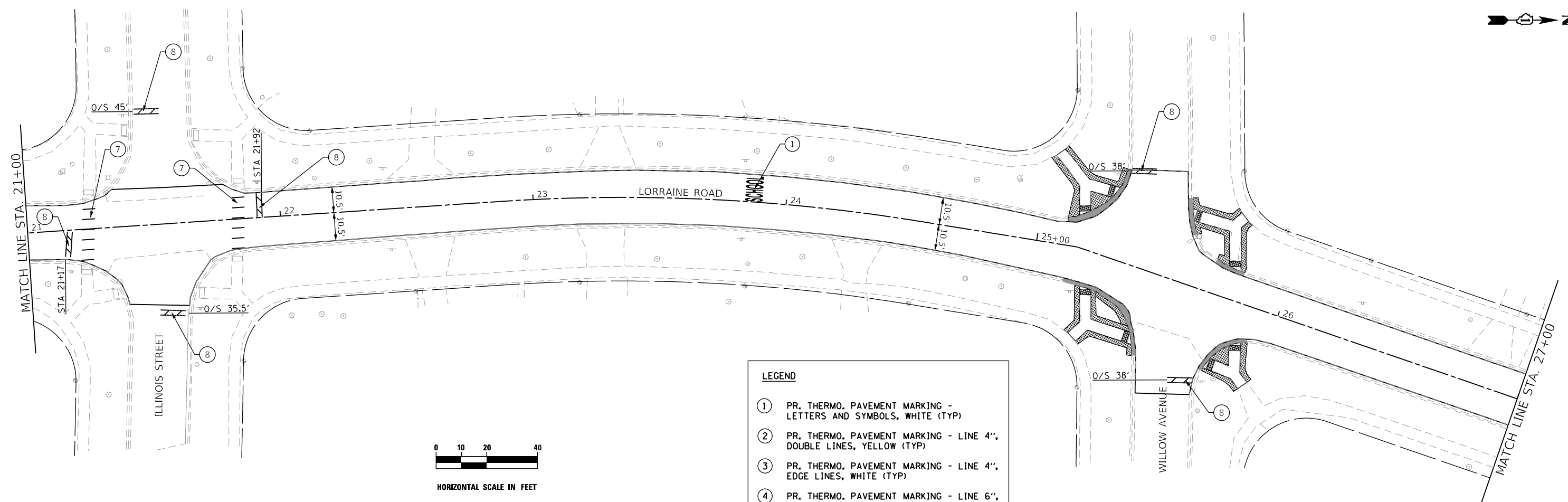
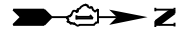
USER NAME = MJS	DESIGNED -	REVISED -
PLOT SCALE = 1" = 20'	DRAWN -	REVISED -
PLOT DATE = 5/4/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**LORRAINE ROAD RESURFACING PROJECT
LANDSCAPING & PAVEMENT MARKING PLANS**

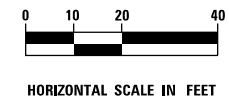
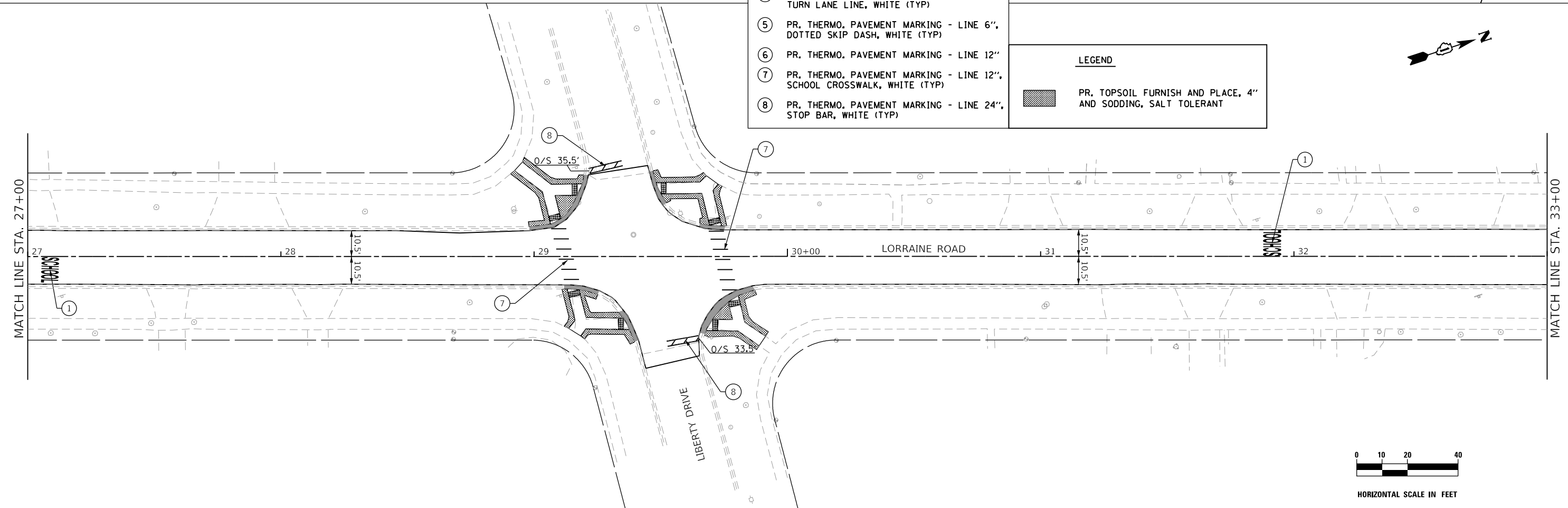
SCALE: SHEET OF SHEETS STA. TO STA.

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS		24	10
CONTRACT NO. 61J76			ILLINOIS FED. AID PROJECT	



- LEGEND**
- ① PR. THERMO. PAVEMENT MARKING - LETTERS AND SYMBOLS, WHITE (TYP)
 - ② PR. THERMO. PAVEMENT MARKING - LINE 4", DOUBLE LINES, YELLOW (TYP)
 - ③ PR. THERMO. PAVEMENT MARKING - LINE 4", EDGE LINES, WHITE (TYP)
 - ④ PR. THERMO. PAVEMENT MARKING - LINE 6", TURN LANE LINE, WHITE (TYP)
 - ⑤ PR. THERMO. PAVEMENT MARKING - LINE 6", DOTTED SKIP DASH, WHITE (TYP)
 - ⑥ PR. THERMO. PAVEMENT MARKING - LINE 12"
 - ⑦ PR. THERMO. PAVEMENT MARKING - LINE 12", SCHOOL CROSSWALK, WHITE (TYP)
 - ⑧ PR. THERMO. PAVEMENT MARKING - LINE 24", STOP BAR, WHITE (TYP)

- LEGEND**
- PR. TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT



thomas
 thomas engineering group, llc
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700

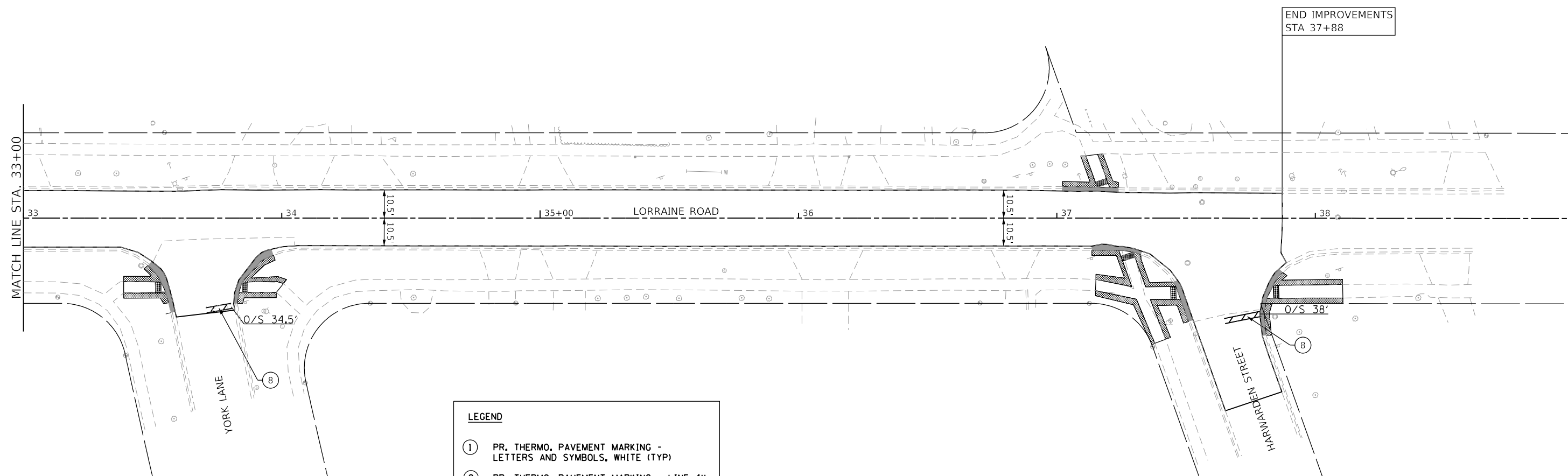
USER NAME = MJS	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 1" = 20'	CHECKED -	REVISOR -
PLOT DATE = 5/4/2023	DATE -	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LORRAINE ROAD RESURFACING PROJECT
 LANDSCAPING & PAVEMENT MARKING PLANS**

SCALE: SHEET OF SHEETS STA. TO STA.

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS	DuPAGE	24	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61J76	

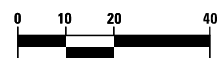


LEGEND

- ① PR. THERMO. PAVEMENT MARKING - LETTERS AND SYMBOLS, WHITE (TYP)
- ② PR. THERMO. PAVEMENT MARKING - LINE 4", DOUBLE LINES, YELLOW (TYP)
- ③ PR. THERMO. PAVEMENT MARKING - LINE 4", EDGE LINES, WHITE (TYP)
- ④ PR. THERMO. PAVEMENT MARKING - LINE 6", TURN LANE LINE, WHITE (TYP)
- ⑤ PR. THERMO. PAVEMENT MARKING - LINE 6", DOTTED SKIP DASH, WHITE (TYP)
- ⑥ PR. THERMO. PAVEMENT MARKING - LINE 12"
- ⑦ PR. THERMO. PAVEMENT MARKING - LINE 12", SCHOOL CROSSWALK, WHITE (TYP)
- ⑧ PR. THERMO. PAVEMENT MARKING - LINE 24", STOP BAR, WHITE (TYP)

LEGEND

- PR. TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT



HORIZONTAL SCALE IN FEET

thomas
 thomas engineering group, llc
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700
 service at the highest grade

USER NAME = MJS	DESIGNED -	REVISED
PLOT SCALE = 1" = 20'	DRAWN -	REVISED -
PLOT DATE = 5/4/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

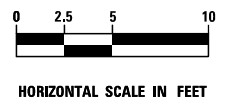
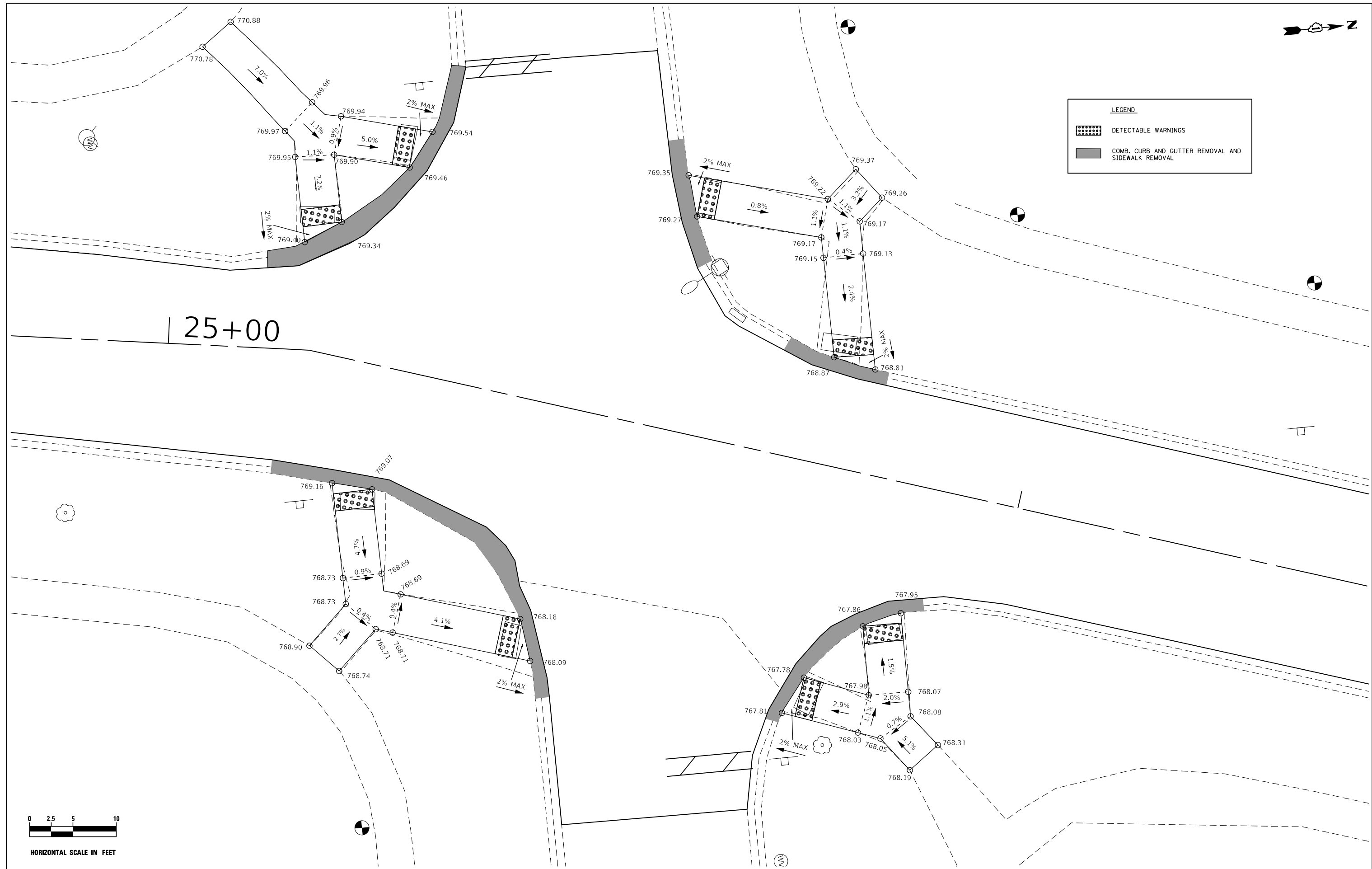
LORRAINE ROAD RESURFACING PROJECT
 LANDSCAPING & PAVEMENT MARKING PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-R5	DuPAGE	24	12
CONTRACT NO. 61J76				
ILLINOIS FED. AID PROJECT				



LEGEND	
	DETECTABLE WARNINGS
	COMB. CURB AND GUTTER REMOVAL AND SIDEWALK REMOVAL



thomas thomas engineering group, llc
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700
 service at the highest grade

USER NAME = MJS	DESIGNED -	REVISED
PLOT SCALE = 1" = 20'	DRAWN -	REVISED -
PLOT DATE = 5/4/2023	CHECKED -	REVISED -
	DATE -	REVISED -

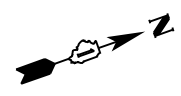
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LORRAINE ROAD RESURFACING PROJECT
 SIDEWALK DETAILS

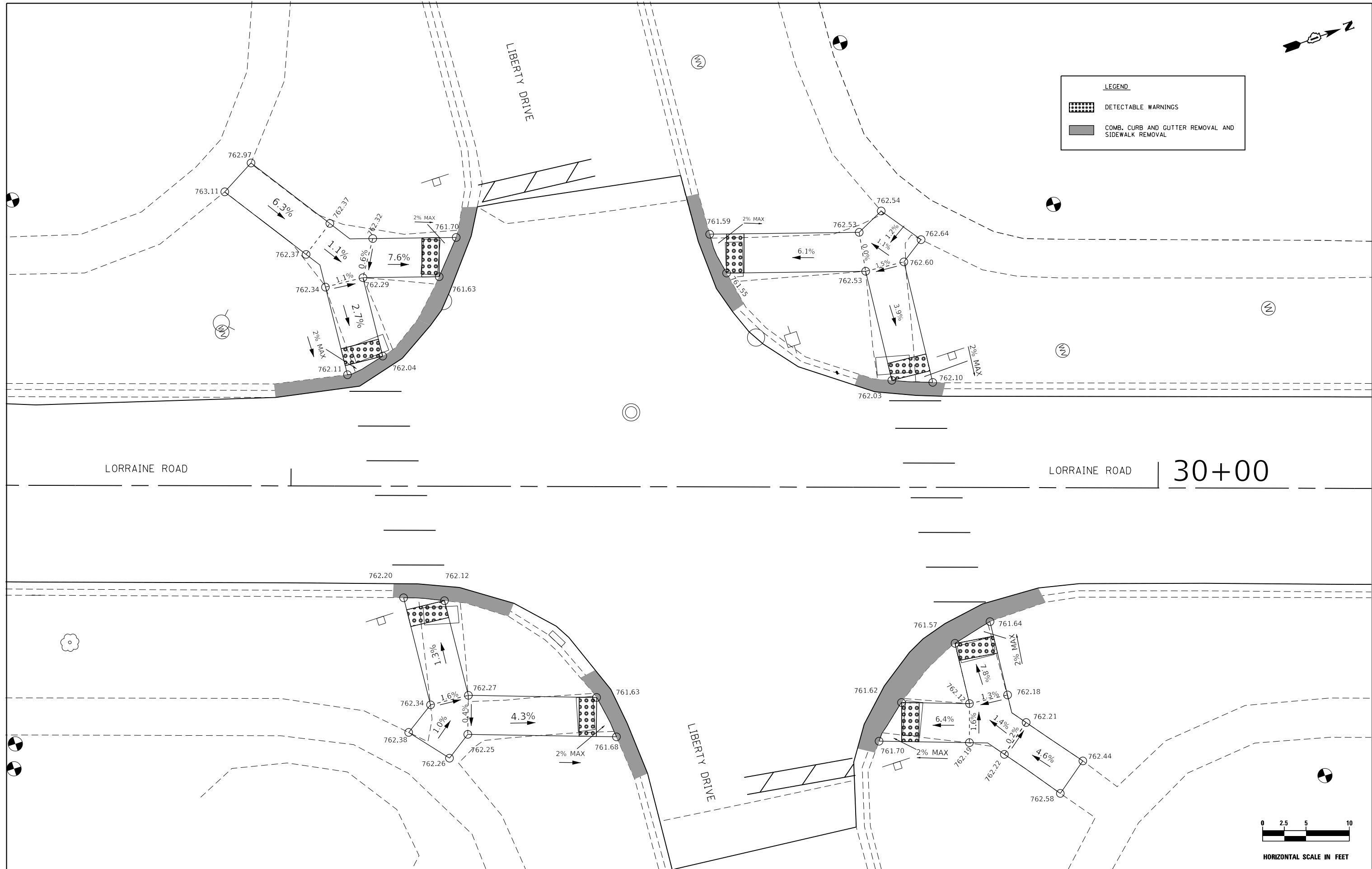
SCALE: SHEET OF SHEETS STA. TO STA.

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	21-00127-00-RS		24	13
CONTRACT NO. 61J76				

ILLINOIS FED. AID PROJECT



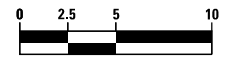
LEGEND	
	DETECTABLE WARNINGS
	COMB. CURB AND GUTTER REMOVAL AND SIDEWALK REMOVAL



LORRAINE ROAD

LORRAINE ROAD

30+00



HORIZONTAL SCALE IN FEET

thomas service at the highest grade
 thomas engineering group, llc
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700

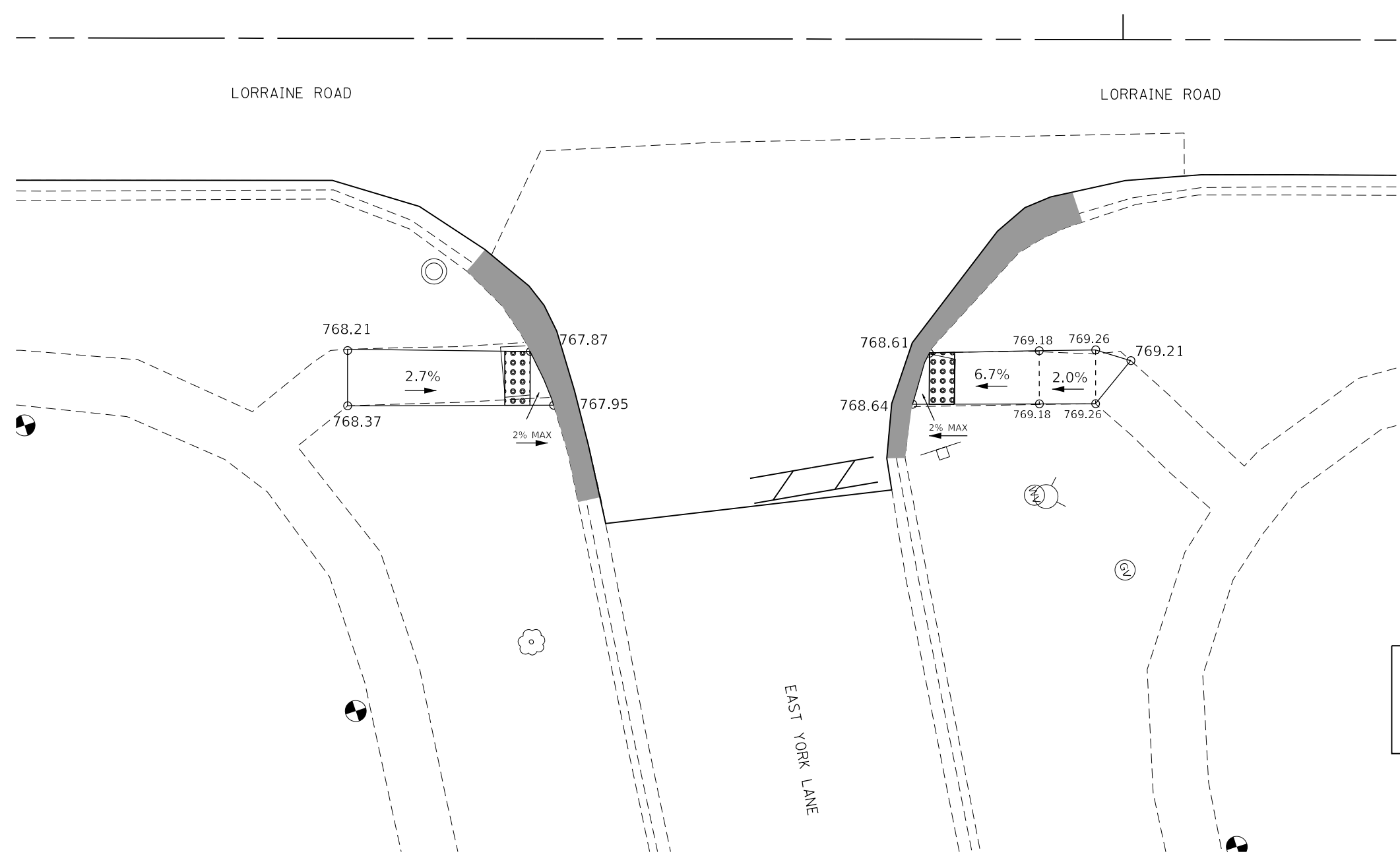
USER NAME = MJS	DESIGNED -	REVISED
PLOT SCALE = 1" = 20'	DRAWN -	REVISED -
PLOT DATE = 5/4/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

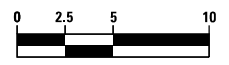
LORRAINE ROAD RESURFACING PROJECT
 SIDEWALK DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	21-00127-00-RS		24	14
CONTRACT NO. 61J76				
ILLINOIS FED. AID PROJECT				



LEGEND	
	DETECTABLE WARNINGS
	COMB. CURB AND GUTTER REMOVAL AND SIDEWALK REMOVAL



HORIZONTAL SCALE IN FEET

thomas
 service at the highest grade
 thomas engineering group, llc
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700

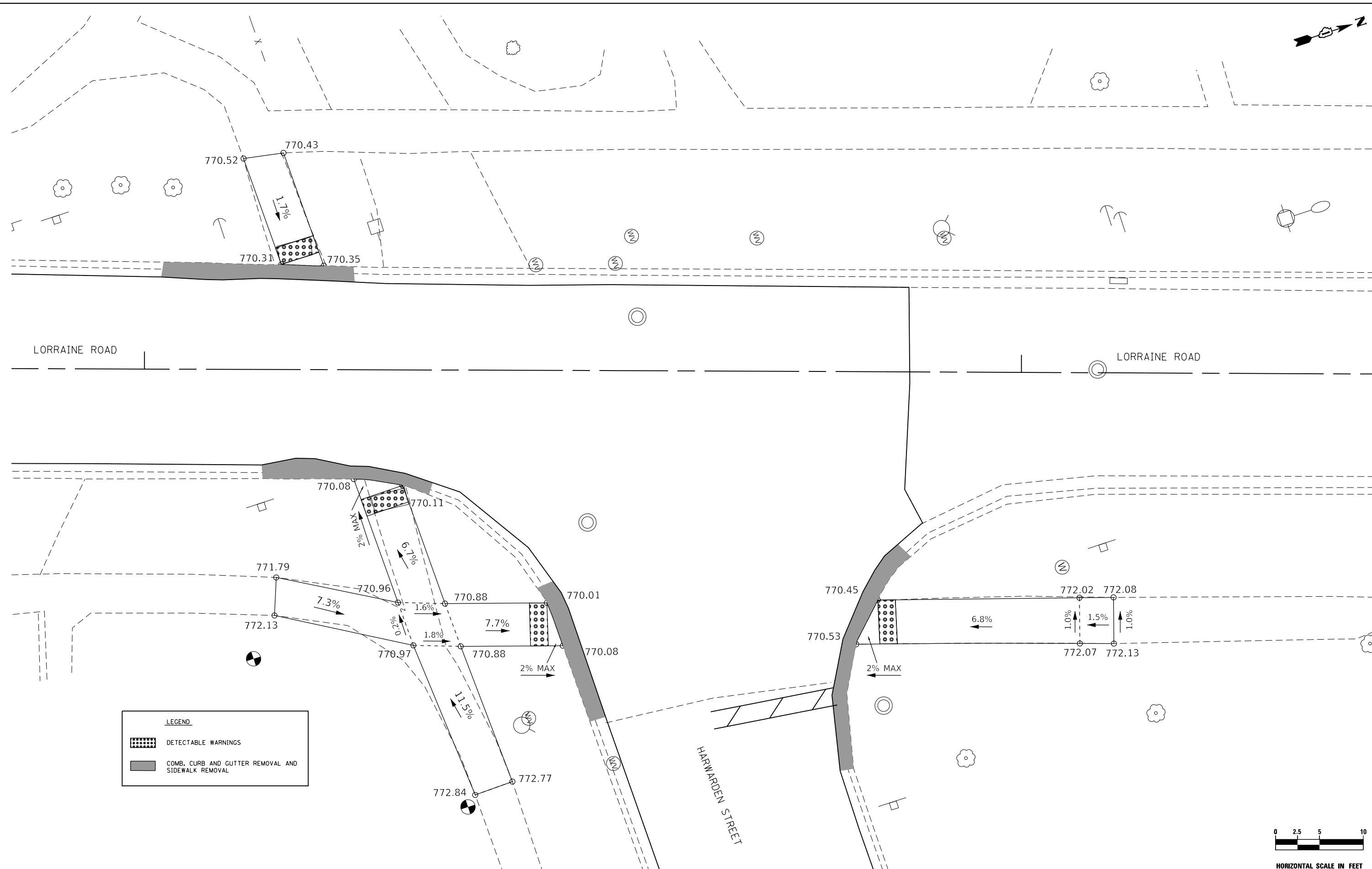
USER NAME = MJS	DESIGNED - _____	REVISED _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 1" = 20'	CHECKED - _____	REVISED - _____
PLOT DATE = 5/4/2023	DATE - _____	REVISED - _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

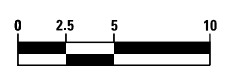
LORRAINE ROAD RESURFACING PROJECT
 SIDEWALK DETAILS

SCALE: SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-R5	DUPAGE	24	15
CONTRACT NO. 61J76				
ILLINOIS FED. AID PROJECT				



LEGEND	
	DETECTABLE WARNINGS
	COMB. CURB AND GUTTER REMOVAL AND SIDEWALK REMOVAL



HORIZONTAL SCALE IN FEET

thomas
 thomas engineering group, llc
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700
 service at the highest grade

USER NAME = MJS	DESIGNED -	REVISED -
PLOT SCALE = 1" = 20'	DRAWN -	REVISED -
PLOT DATE = 5/4/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

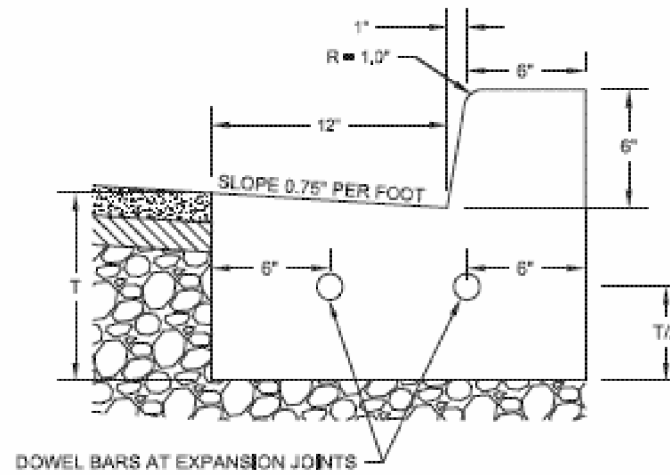
LORRAINE ROAD RESURFACING PROJECT
 SIDEWALK DETAILS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

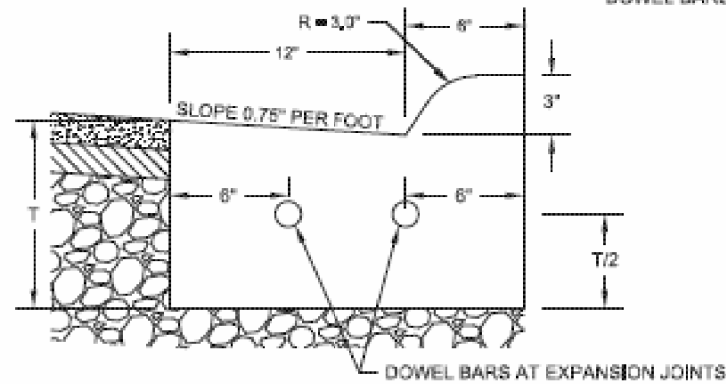
FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS	DuPAGE	24	16
CONTRACT NO. 61J76				
ILLINOIS FED. AID PROJECT				

CURB & GUTTER SPECIFICATIONS

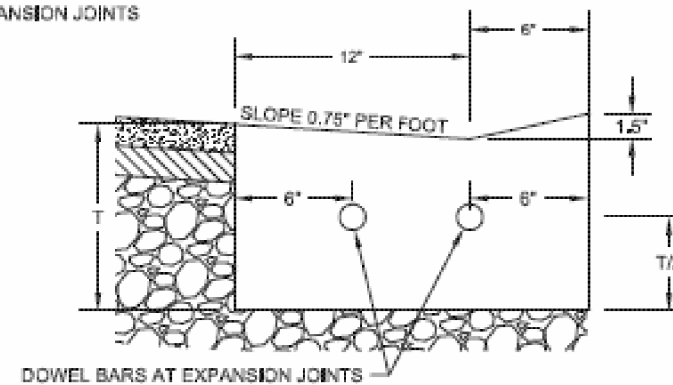
TYPE B 6.12



TYPE M 3.12



DEPRESSED CURB



NOTE:

1. TWO NO.6 STEEL DOWEL BARS WITH CAPS TO BE USED AT ALL EXPANSION JOINTS 100 FT. INTERVALS.
2. CONSTRUCTION JOINTS AT 25 FT. INTERVALS.
3. INSTALL THREE 3/8" REBAR AT ALL TRENCH CROSSINGS, BARS TO EXTEND TWO FEET BEYOND EDGE OF TRENCH AND HAVE A MINIMUM LENGTH OF 10 FT.
4. THE BASE COURSE WILL BE OF A DEPTH SUFFICIENT TO BRING THE CURB AND GUTTER TO THE PROPOSED GRADE.
5. THE BASE COURSE LOCATED UNDER THE CURB AND GUTTER WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED.

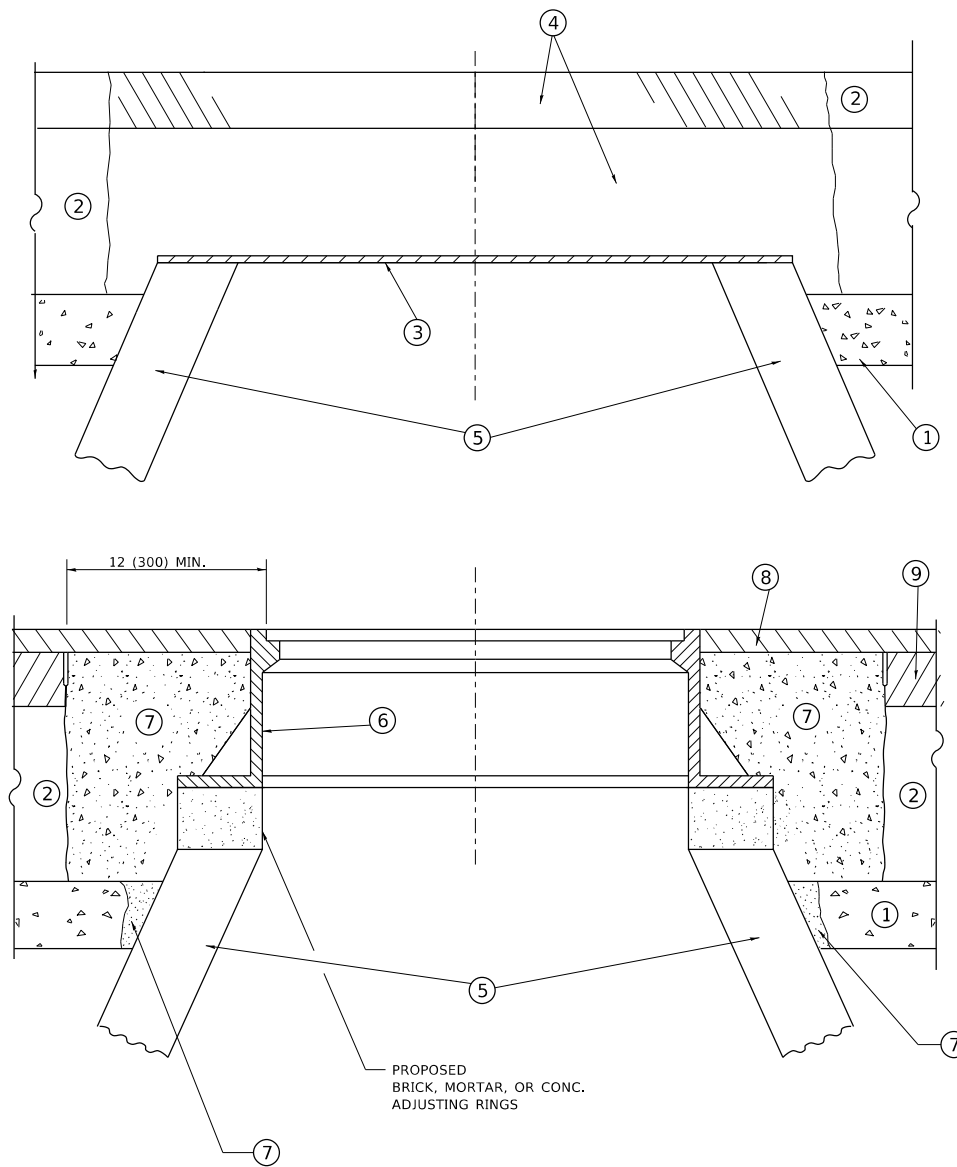
T = THICKNESS OF PAVEMENT

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS	DUPAGE	24	17

CITY OF WHEATON	
DESIGN DETAILS AND STANDARDS	
FIGURE # 4	
DATE: 03-15-16	FILE NAME: Curb & Gutter.dwg

USER NAME : MJS	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE : FULL SIZE	CHECKED - _____	REVISED - _____
PLOT DATE : 5/4/2023	DATE - _____	REVISED - _____

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS	DUPAGE	24	17
CONTRACT NO. 61J76				
ILLINOIS FED. AID PROJECT				



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

NOTES

- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
- CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- 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)

- REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- 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 | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS*PP-1 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

- REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
- THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 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

MODEL: Default
FILE: \\nas01\paw.bentley.com\PI\PIDOT\Documents\DOT_Offices\DH\dct_1\Projects\151542\23\23\CAD\Drawings\CAD\Drawings\151542.dgn

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
	DRAWN -	REVISED - R. BORO 03-09-11
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 12-06-11
PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

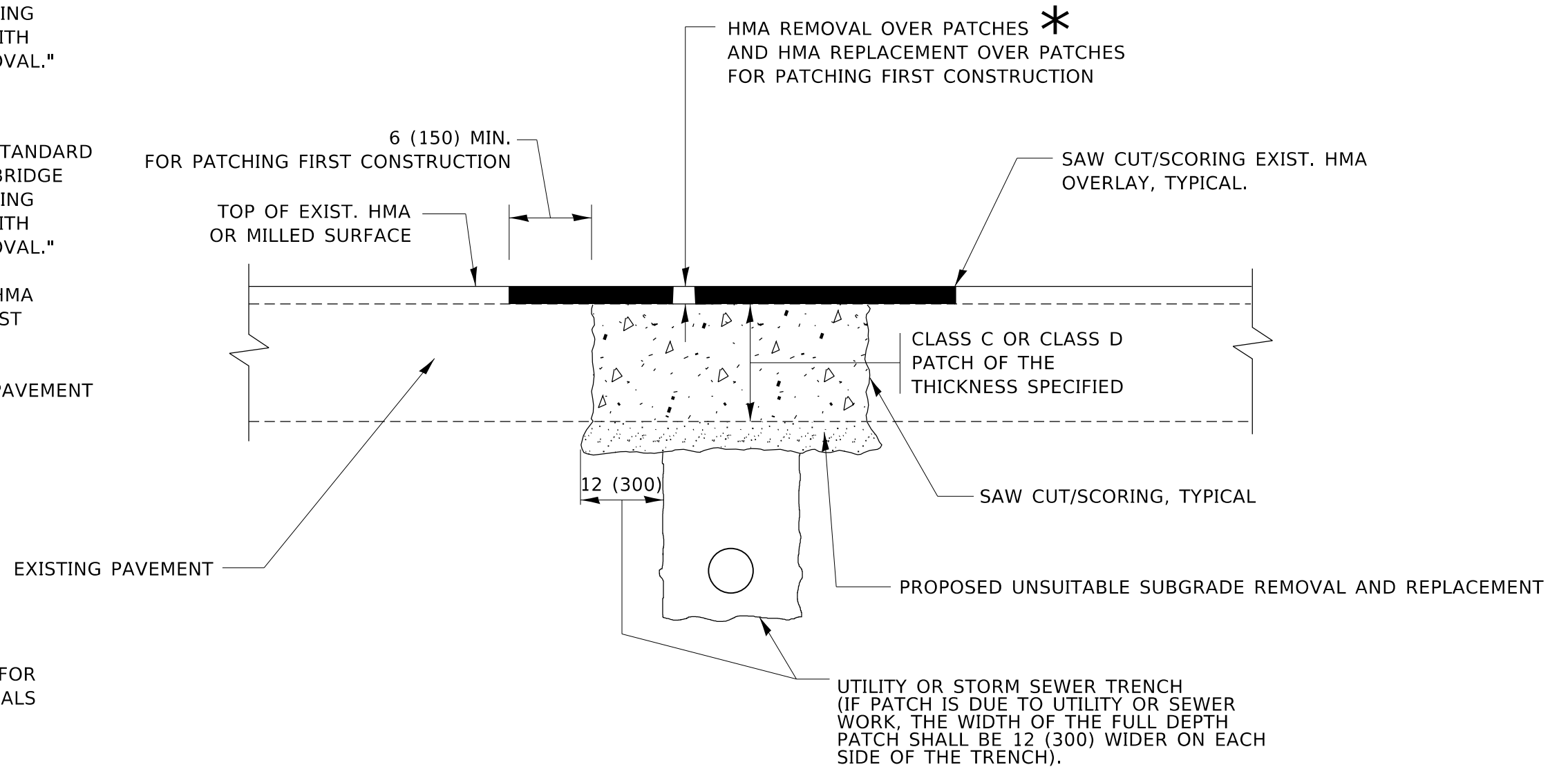
F.A.U. RTE. 2575	SECTION 22-00127-00-RS	COUNTY DUPAGE	TOTAL SHEETS 24	SHEET NO. 18
BD600-03 (BD-08)			CONTRACT NO. 61J75	
ILLINOIS FED. AID PROJECT				

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

MODEL: Default
FILE: hma1222.paw
I:\Projects\DOT\Documents\DOT_Offices\Bentley\Projects\DOT\2022\2022-04\BD400-04\BD400-04.dgn

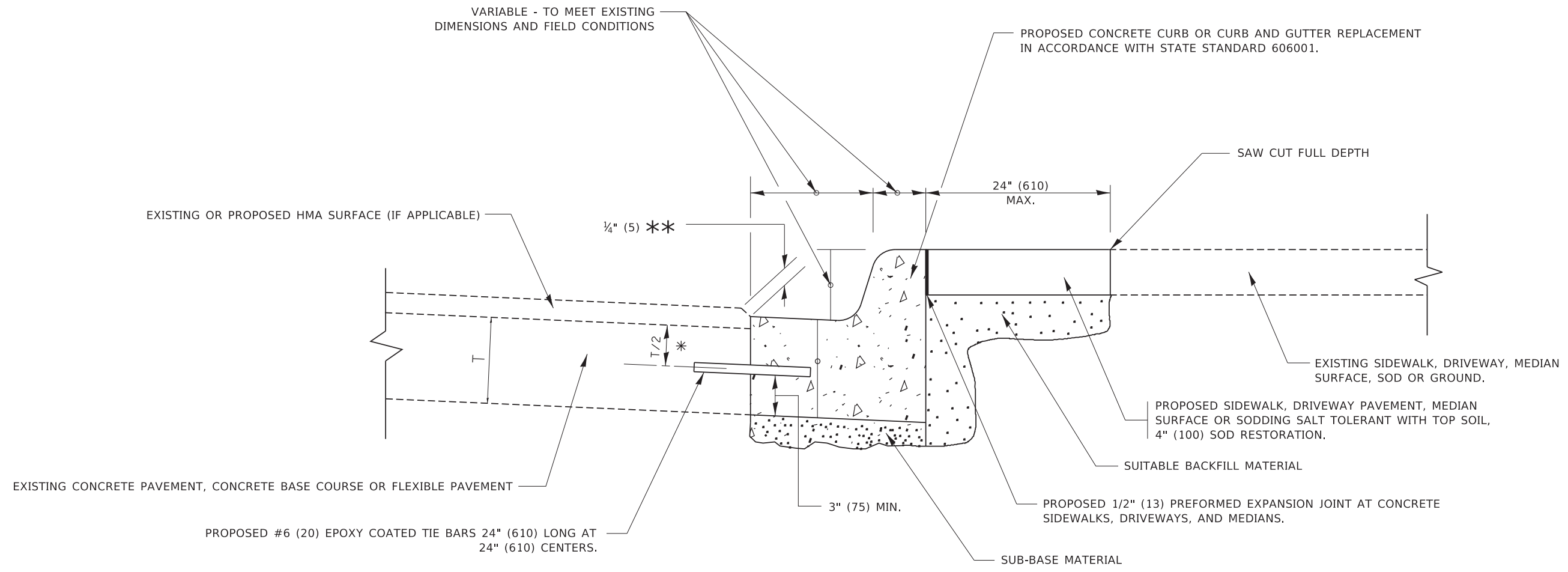
USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
	DRAWN -	REVISED - R. BORO 09-04-07
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08
PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS	DUPAGE	24	19
BD400-04 (BD-22)			CONTRACT NO. 61J75	
ILLINOIS FED. AID PROJECT				



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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

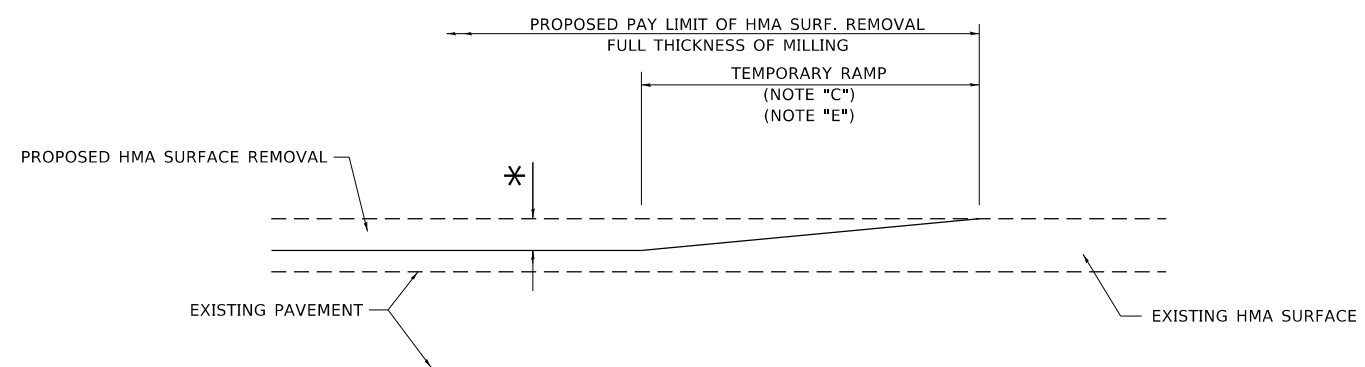
MODEL: D:\default...
FILE: M:\M&E...
PROJECT: I:\Projects\DOT\Documents\DOT_Offices\District_1\Projects\Bldg\Bldg22\3A\CAD\Drawings\CD\Drawings\Bldg22.dgn

USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 50.0000 ' / in.	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**

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

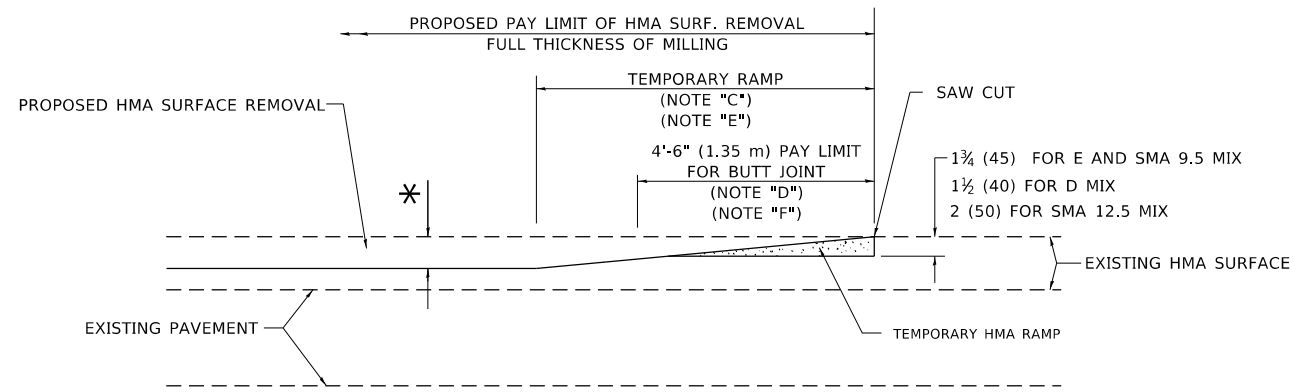
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS	DuPage	24	20
BD600-06 (BD-24)			CONTRACT NO. 61J76	
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

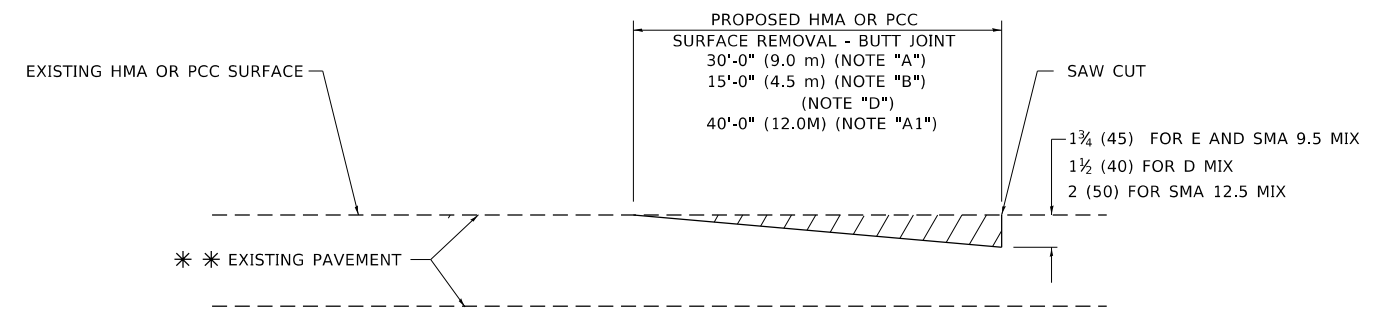


HMA CONSTRUCTED TEMPORARY RAMP

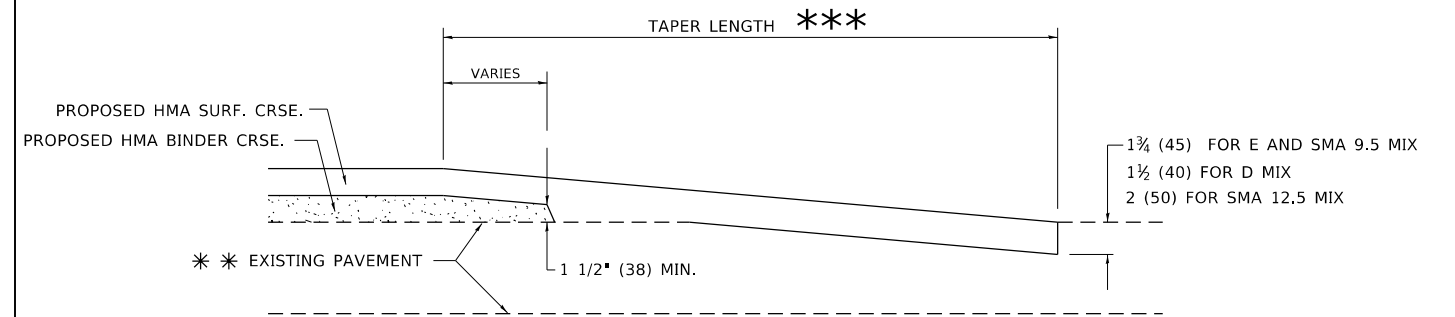
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

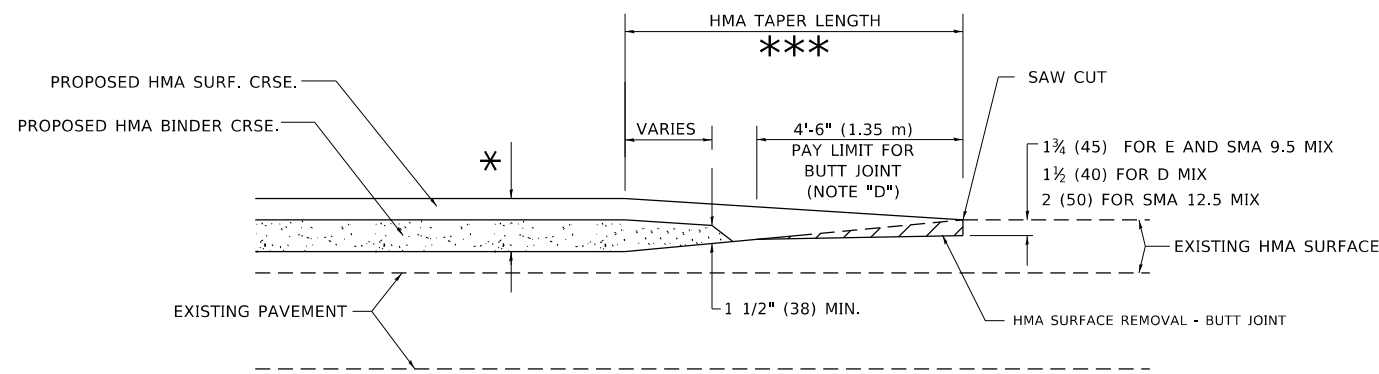
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

MODEL: Default
FILE: \\nas0101.pw.bentley.com\PI\DOT\Documents\DOT_Offices\Bartlett_IL\Projects\118182022\118182022\118182022\118182022.dgn

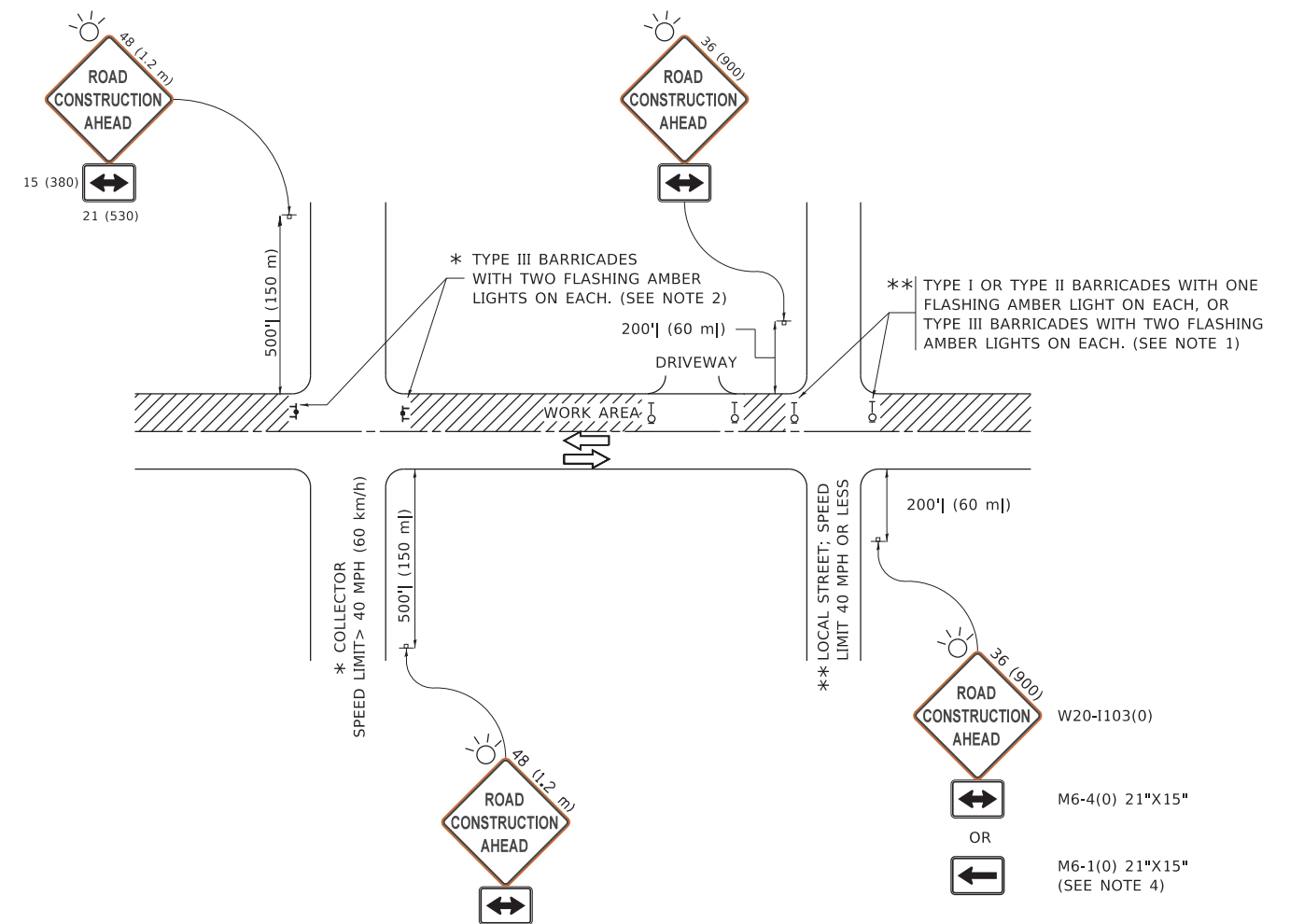
USER NAME = Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS	DUPAGE	24	21
BD400-05 BD-32		CONTRACT NO. 61J76		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

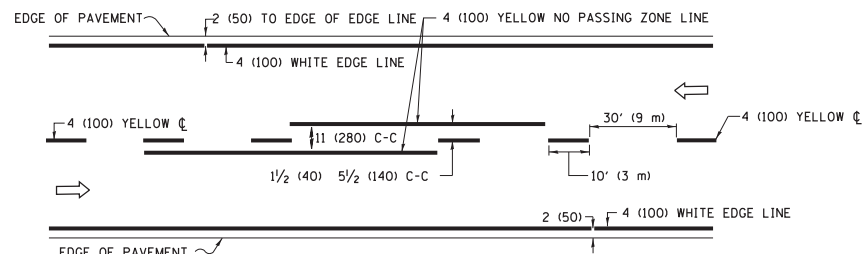
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

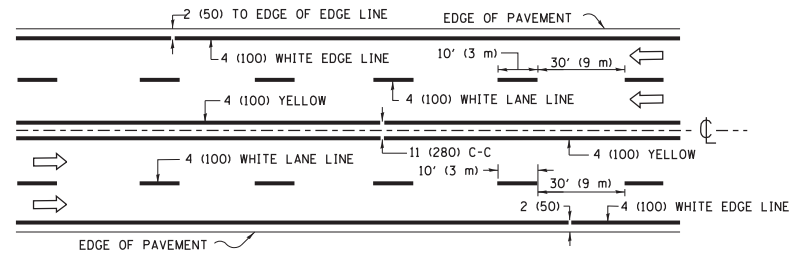
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS	DuPage	24	22
TC-10			CONTRACT NO. 61J76	
ILLINOIS FED. AID PROJECT				

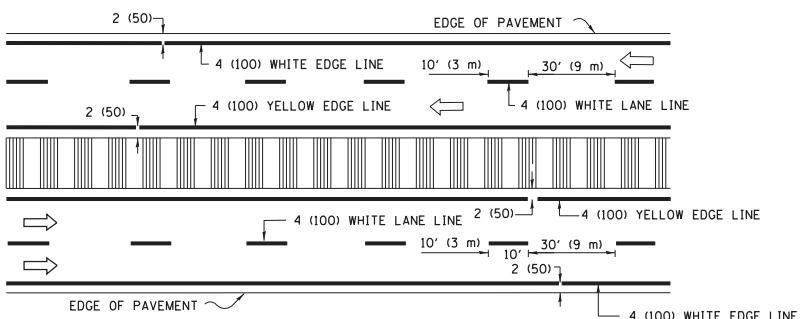
USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
PLOT SCALE = 50.0000 ' / in.	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = 3/4/2019	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16



2-LANE ROADWAY

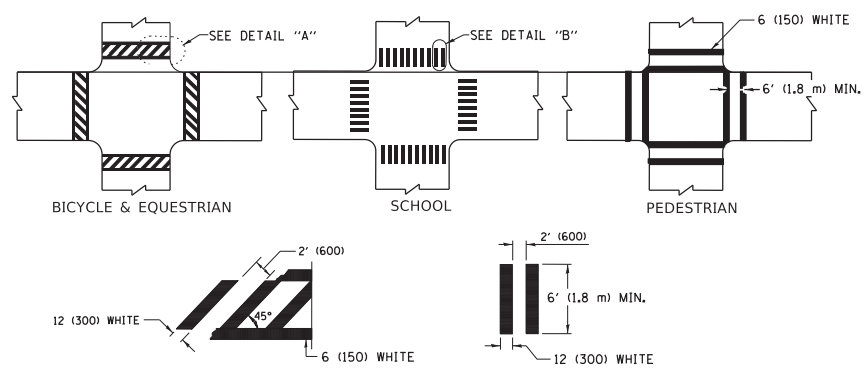


MULTI-LANE UNDIVIDED



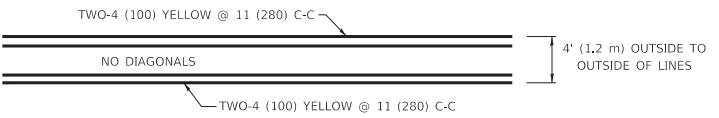
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

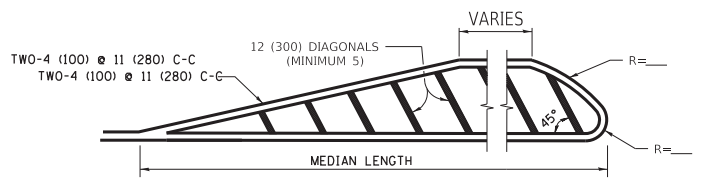


TYPICAL CROSSWALK MARKING

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

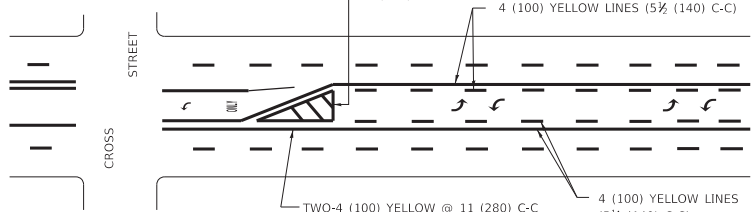


4' (1.2 m) WIDE MEDIANS ONLY



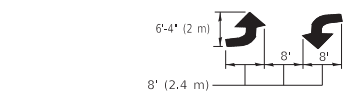
MEDIANS OVER 4' (1.2 m) WIDE

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))

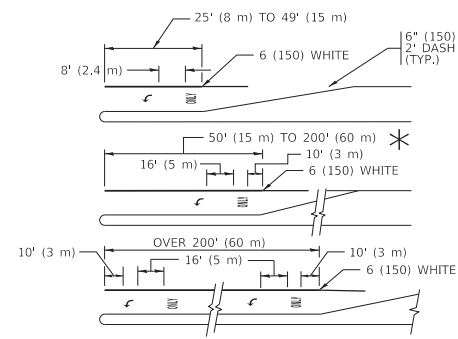


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

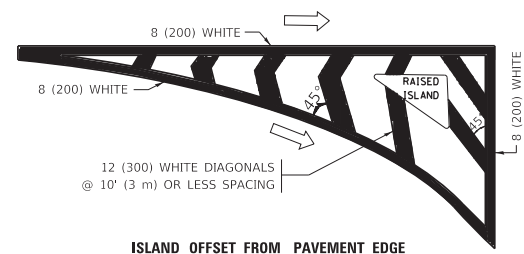


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

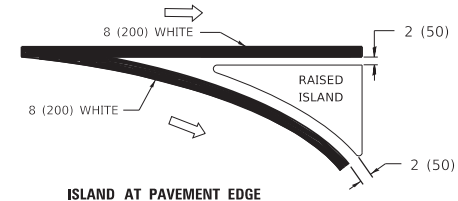


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

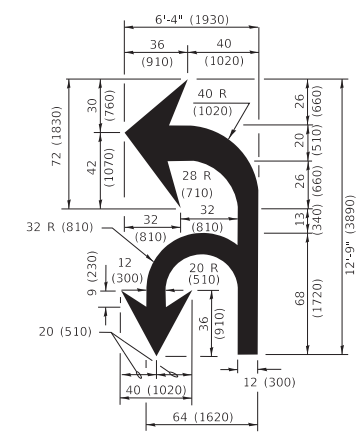
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



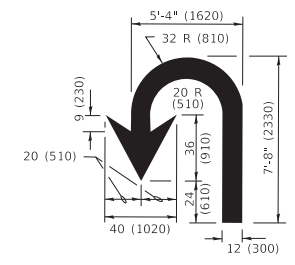
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

MODEL: D:\default... FILE: M:\M&E... PROJECTS\DIRS\22-234\CADD\DATA\CAD\Sheet\TC13.dwg

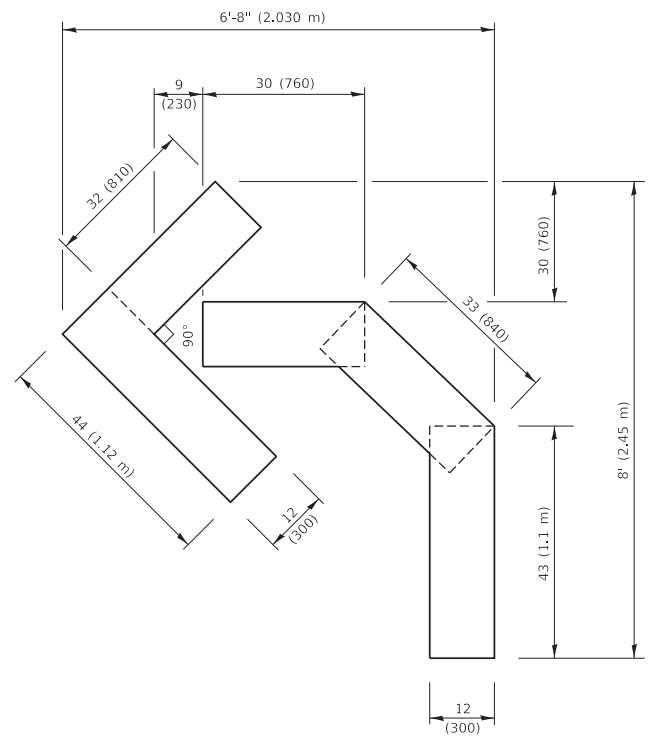
USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
DRAWN -	REVISOR - C. JUCIUS 07-01-13	REVISED - C. JUCIUS 12-21-15
PLOT SCALE = 50.0000" / in.	CHECKED -	REVISED - C. JUCIUS 04-12-16
PLOT DATE = 3/4/2019	DATE - 03-19-90	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

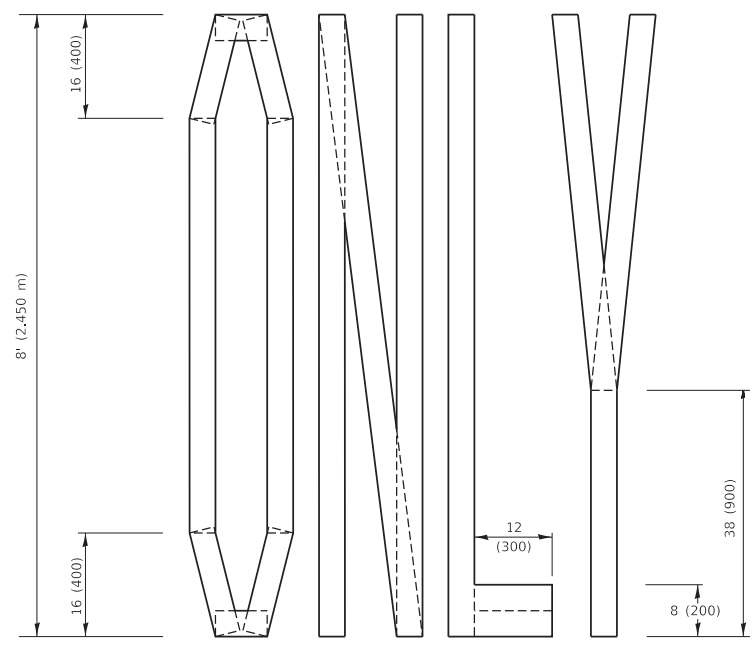
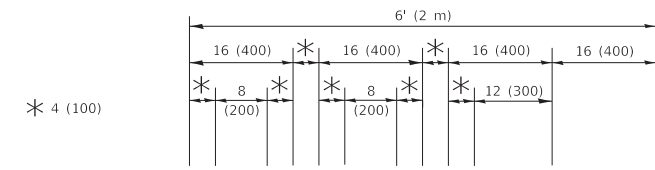
SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 2575	SECTION 22-00127-00-RS	COUNTY DuPage	TOTAL SHEETS 24	SHEET NO. 23
TC-13		CONTRACT NO. 61J76		
ILLINOIS		FED. AID PROJECT		



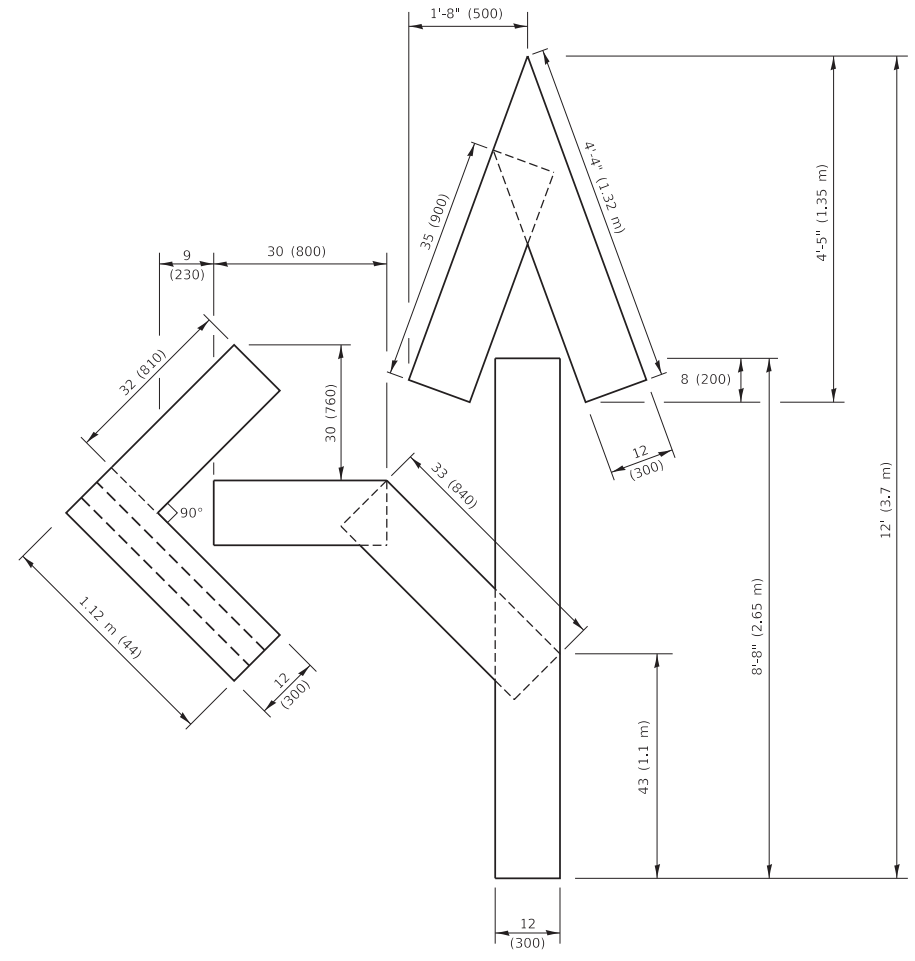
QUANTITY

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



QUANTITY

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

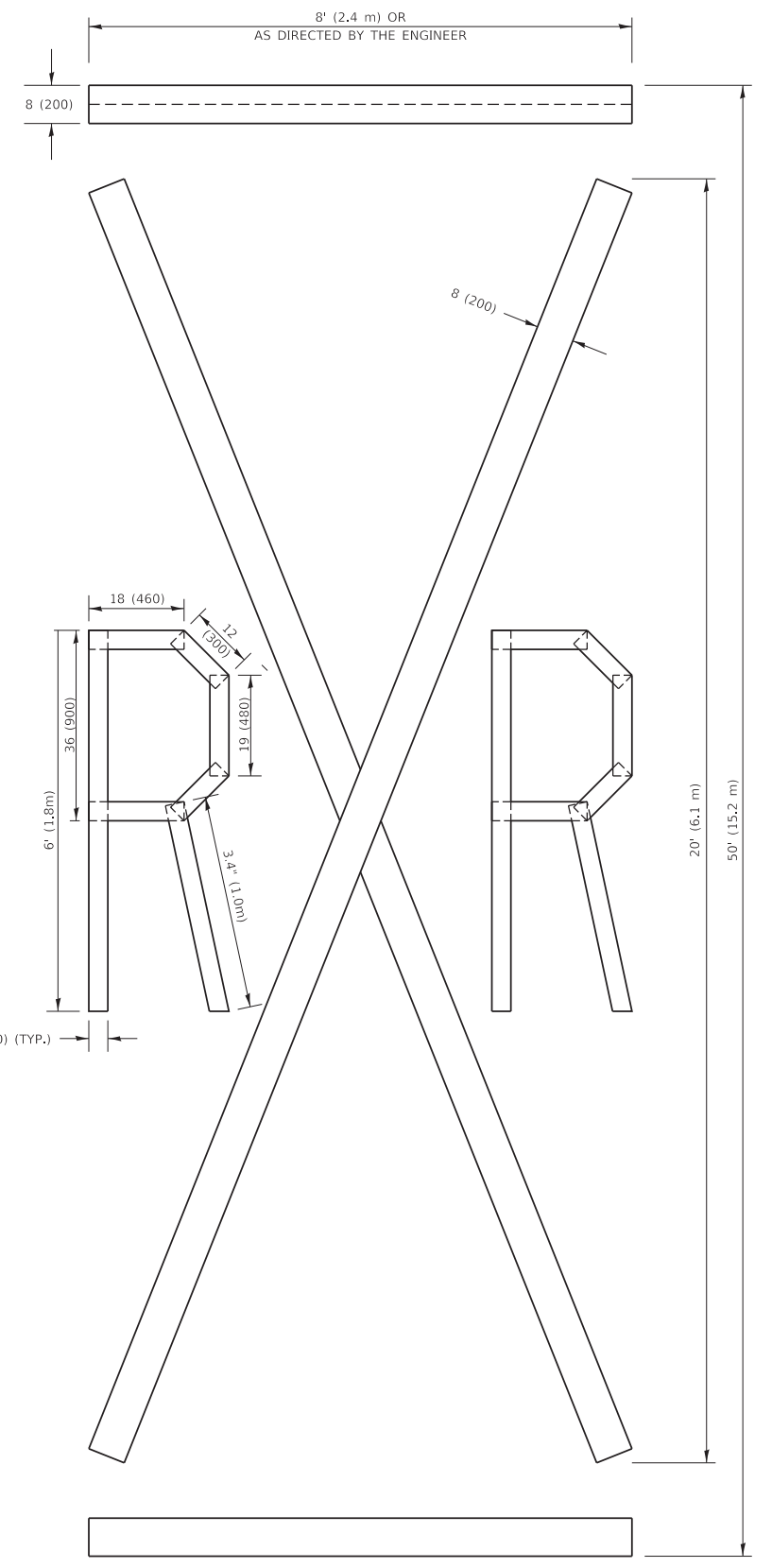


QUANTITY

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

NOTE:

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



QUANTITY

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

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

MODEL: Default
FILE NAME: P:\PROJECTS\2019\10-37-35 AM User\606m\16.dgn
PROJECTS\2019\10-37-35 AM User\606m\16.dgn

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
PLOT SCALE = 50.0068 ' / in.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2575	22-00127-00-RS	DuPage	24	24
TC-16			CONTRACT NO. 61J76	
ILLINOIS FED. AID PROJECT				