

06-14-2024 LETTING ITEM 105
 FOR INDEX OF SHEETS, SEE SHEET NO. 3

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	1
ILLINOIS CONTRACT NO. 62F11			* 336 + 1 = 337 TOTAL SHEETS	

TRAFFIC DATA

	2019 ADT	2040 ADT
47TH STREET (EAST LEG)	20,100	26,000
47TH STREET (WEST LEG)	13,400	19,000
EAST AVENUE (NORTH LEG)	17,600	22,000
EAST AVENUE (SOUTH LEG)	17,600	18,000
BLUFF AVENUE	N/A	N/A

	DESIGN SPEED	POSTED SPEED
47TH STREET (EAST LEG)	40 MPH	40 MPH
47TH STREET (WEST LEG)	30 MPH	30 MPH
EAST AVENUE (NORTH LEG)	30 MPH	30 MPH
EAST AVENUE (SOUTH LEG)	40 MPH	40 MPH
BLUFF AVENUE	N/A	NONE

HIGHWAY FUNCTIONAL CLASSIFICATION

47TH STREET (EAST LEG)	MINOR ARTERIAL
47TH STREET (WEST LEG)	MINOR ARTERIAL
EAST AVENUE (NORTH LEG)	MAJOR COLLECTOR
EAST AVENUE (SOUTH LEG)	MAJOR COLLECTOR
BLUFF AVENUE	LOCAL ROAD

**PROPOSED
 HIGHWAY PLANS**

FAU 2719 (EAST AVENUE)

SECTION 3212TS-RR
 PROJECT STP-GR25 (187)

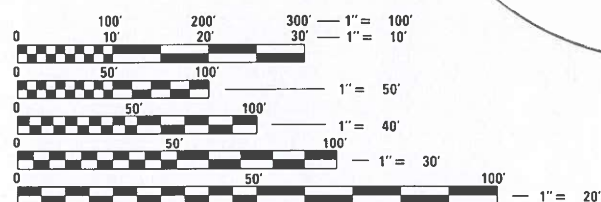
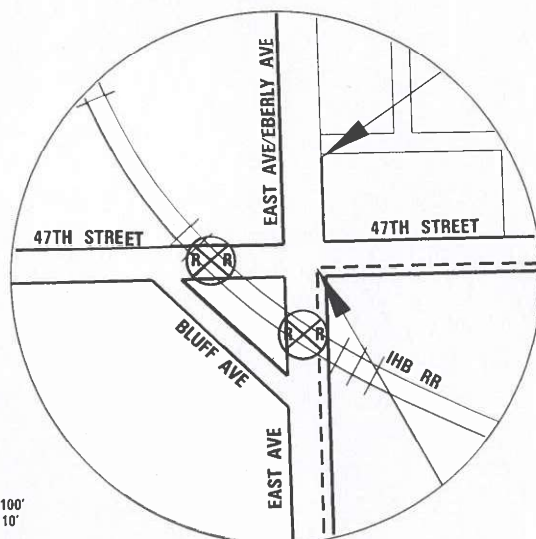
INSTALLATION OF NEW TRAFFIC SIGNALS, IMPROVE
 DRAINAGE, MODIFY EXISTING LIGHTING, UPGRADE RAILROAD
 CROSSING GATES AND NEW SIDEWALK

COOK COUNTY

C-91-215-17

PROJECT IS LOCATED IN:

VILLAGE OF BROOKFIELD
 VILLAGE OF LA GRANGE
 VILLAGE OF MCCOOK

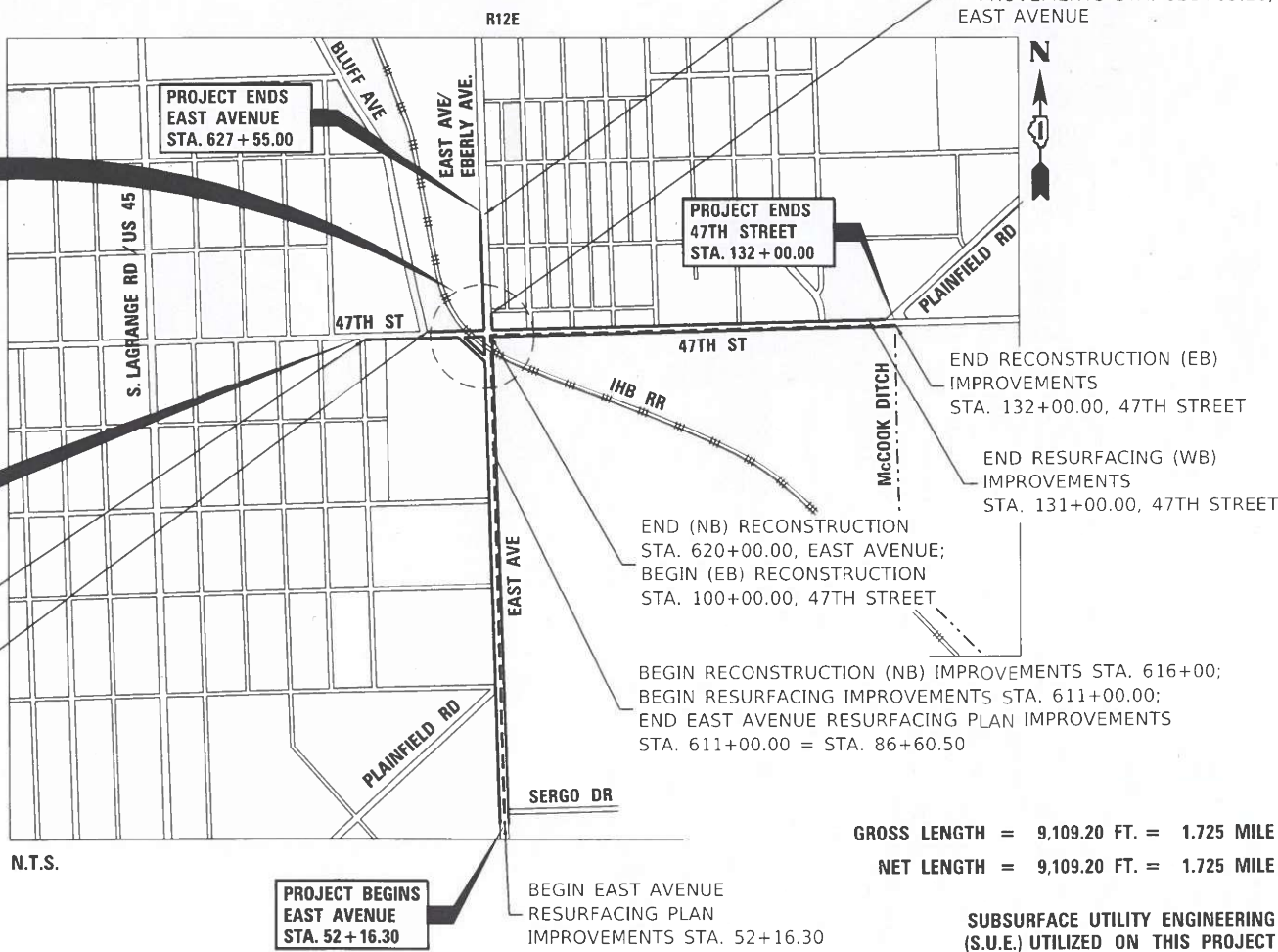


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
 ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
 CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
 ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT MANAGER: JOSEPH CROSS (847) 705-4605
 PROJECT ENGINEER: TIMOTHY SCHMIDT (847) 705-4238

CONTRACT NO. 62F11



GROSS LENGTH = 9,109.20 FT. = 1.725 MILE
 NET LENGTH = 9,109.20 FT. = 1.725 MILE

SUBSURFACE UTILITY ENGINEERING
 (S.U.E.) UTILIZED ON THIS PROJECT



SINGH

SINGH & ASSOCIATES, INC.
 CONSULTING ENGINEERS

FOR PROFESSIONAL SEALS, SEE SHEET NO. 2

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED March 19, 2024
Joseph Cross IR
 REGIONAL ENGINEER

May 10, 2024 Joseph Cross
 ENGINEER OF DESIGN AND ENVIRONMENT

May 10, 2024 Steph M. Smith
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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 OF THE STATE OF ILLINOIS**

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IDOT STANDARDS

STANDARD NO.	TITLE
000001 - 08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001 - 02	AREAS OF REINFORCEMENT BARS
001006 - 00	DECIMAL OF AN INCH AND OF A FOOT
280001 - 07	TEMPORARY EROSION CONTROL SYSTEMS
424001 - 11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006 - 05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011 - 04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016 - 05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021 - 06	DEPRESSED CORNER FOR SIDEWALKS
424026 - 03	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
601001 - 05	PIPE UNDERDRAINS
602001 - 02	CATCH BASIN TYPE A
602011 - 02	CATCH BASIN TYPE C
602301 - 04	INLET - TYPE A
602401 - 07	PRECAST MANHOLE TYPE A 4' DIA
602402 - 03	PRECAST MANHOLE TYPE A 5' DIA
602406 - 11	PRECAST MANHOLE TYPE A 6' DIA
602601 - 06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701 - 02	MANHOLE STEPS
604001 - 05	FRAME AND LIDS TYPE 1
604036 - 03	GRATE TYPE 8
604091 - 05	FRAME AND GRATE TYPE 24
606001 - 08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
664001 - 02	CHAIN LINK FENCE
701006 - 05	OFF-ROAD OPERATIONS, 2L, 2W, 15'(4.5 M) TO 24"(600 MM) FROM PAVEMENT EDGE
701101 - 05	OFF-ROAD OPERATIONS, MULTILANE, 15'(4.5 M) TO 24"(600 MM) FROM PAVEMENT EDGE
701106 - 02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15'(4.5 M) AWAY
701301 - 04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
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701427 - 05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
701501 - 06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601 - 09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606 - 10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
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720001 - 01	SIGN PANEL MOUNTING ASSEMBLY
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728001 - 01	TELESCOPING STEEL SIGN SUPPORT
780001 - 05	TYPICAL PAVEMENT MARKINGS
805001 - 01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001 - 03	HANDHOLES
814006 - 03	DOUBLE HANDHOLES
857006 - 01	SUPERVISED RAILROAD INTERCONNECT CIRCUIT
862001 - 01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001 - 02	TRAFFIC SIGNAL GROUNDING & BONDING
877011 - 10	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001 - 11	CONCRETE FOUNDATION DETAILS
880006 - 01	TRAFFIC SIGNAL MOUNTING DETAILS
886001 - 01	DETECTOR LOOP INSTALLATIONS
886006 - 01	TYPICAL LAYOUT FOR DETECTION LOOPS

IDOT DISTRICT ONE DETAILS

STANDARD NO.	TITLE
BD-01	DRIVEWAY DETAIL - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER GREATER OR EQUAL TO 15'
BD-02	DRIVEWAY DETAIL - DISTANCE BETWEEN R.O.W. AND FACE OF CURB GREATER THAN 15'
BD-07	STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
BD-36	FIRE HYDRANT TO BE MOVED
BD-56	PCC PAVEMENT AND PCC BASE COURSE ADJACENT TO RAILROAD GRADE CROSSING
BE-210	LIGHTING CONTROLLER
BE-220	ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT
BE-235	COMBINATION LIGHTING CONTROLLER
BE-240	COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATICS
BE-300	LIGHT POLE FOUNDATION 30' TO 35' M.H. 11 1/2" BOLT CIRCLE
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISC. ELECTRICAL DETAILS SHEET A
BE-800	TEMPORARY LIGHT POLE DETAILS
BE-801	TEMPORARY AERIAL CABLE INSTALLATION
TS-02	MAST ARM MOUNTED STREET NAME SIGNS
TS-05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TC-10	TRAFFIC CONTROL PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
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TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
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TC-23	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSING
TC-26	DRIVEWAY ENTRANCE SIGNING



MODEL: D:\dca\17168\04_CADD\CADD_Sheets\016211-1-17-24-gen-01.dgn



USER NAME = mjablonowska	DESIGNED - TS	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN - TS	REVISED -
PLOT DATE = 5/7/2024	CHECKED - CLG	REVISED -
	DATE - 3/5/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS AND
DISTRICT ONE DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

1 REVISED ENTIRE SHEET 5/28/2024

GEN-01

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	3
			CONTRACT NO. 62F11	
			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

- SEVENTY-TWO (72) HOURS BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL JULIE AT 1-800-892-0123 TO HAVE THE LOCATION OF EXISTING UNDERGROUND UTILITIES MARKED IN THE FIELD.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO PERFORM WORK.
- EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATION AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND THE SUE SURVEYS. ALL UNDERGROUND UTILITIES MUST BE CONSIDERED APPROXIMATE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN IN THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL BE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL COORDINATE WORK WITH UTILITIES IN ADVANCE OF WORKING IN THE VICINITY OF THEIR FACILITIES, AND ALLOW SUFFICIENT TIME FOR THEM TO PERFORM ADJUSTMENTS TO THEIR FACILITIES IN ACCORDANCE WITH THE CONTRACTOR'S SCHEDULE. COORDINATION EFFORTS SHALL BE INCLUDED IN THE COST OF THE CONTRACT BID PRICE.
- THE CONTRACTOR MUST CALL THE IDOT ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT FACILITY CABLES.
- ALL SEWER AND WATER SERVICES CROSSED BY NEW STORM SEWERS SHALL BE PROPERLY LOCATED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE DONE TO SAID SERVICES NOT CONSIDERED TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL ELEVATIONS REFER TO USGS MEAN SEA LEVEL DATUM. HORIZONTAL DATUM: ILLINOIS STATE PLANE EAST ZONE (1201), NAVD 88.
- THE PAVEMENT ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OR SURFACE COURSE, UNLESS OTHERWISE NOTED.
- 10 FT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE NOTED. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE BD-32 "BUTT JOINT AND HMA TAPER DETAILS " SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- THE COST OF FULL OR PARTIAL DEPTH SAW CUTS REQUIRED FOR REMOVAL ITEMS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE ITEM.
- THE ACTUAL NEED FOR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) SHALL BE DETERMINED IN THE FIELD FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT OR EMBANKMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.
- WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC, RESIDENTIAL AND ADJOINING COMMERCIAL AREAS.
- WET REFLECTIVE TEMPORARY TAPE TYPE IV SHALL BE USED ON THE FINAL WEARING SURFACE. TEMPORARY PAVEMENT MARKING CONSISTING OF EPOXY OR POLYUREA PAVEMENT MARKING SHALL NOT BE APPLIED TO THE FINAL WEARING SURFACE UNLESS AUTHORIZED BY THE ENGINEER FOR THE LATE SEASON APPLICATION WHERE TAPE ADHESIONS WOULD BE A PROBLEM.

GENERAL NOTES (CONTINUED)

- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS, IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION 11.0.1 AND 1 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.
- PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(B,C) OF THE SSRBC WILL NOT BE ALLOWED.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- THE ENGINEER SHALL CONTACT EMAD AL HUSSEINI, THE AREA TRAFFIC FIELD ENGINEER AT EMAD.ALHUSSEINI@ILLINOIS.GOV TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL CONTACT KALPANA KANNA-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV - A MINIMUM OF 72 HOURS IN ADVANCED OF BEGINNING WORK.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
- THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL JULIE AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO, CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES, RAILROAD (FOR FLAGGING, LOCATES, ETC.), AND IDOT.
- THE STREET SOUTH OF 47TH STREET IS CALLED EAST AVENUE AND NORTH OF 47TH STREET IT IS CALLED EBERLY AVENUE ON THE EAST SIDE OF THE STREET (BROOKFIELD) AND ON THE WEST SIDE OF THE STREET IT IS CALLED EAST AVENUE (LA GRANGE).
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

SOUTHEAST CORNER PROPERTY NOTES

- THE CONTRACTOR SHALL INSTALL TEMPORARY FENCE PRIOR TO REMOVING AND SALVAGING EXISTING CHAIN LINK FENCE. THE TEMPORARY FENCE PERIMETER SHALL BE MAINTAINED UNTIL PERMANENT FENCE WITH PRIVACY SCREEN IS RE-ERECTED.
- ONE OF THE TWO ENTRANCES ALONG 47TH STREET, LOCATED AT STA. 131+17.28 NEAR PLAINFIELD ROAD AND AT STA. 127+73.77 NEAR MAPLE AVENUE, SHALL BE MAINTAINED AND FULLY OPEN TO TRAFFIC AT ALL TIMES DURING CONSTRUCTION. THE ENTRANCE LOCATED AT STA. 111+06.76 NEAR DEYO AVENUE SHALL BE RECONSTRUCTED IN TWO-PHASES AND AT LEAST PARTIALLY OPEN TO TRAFFIC ALL TIMES DURING CONSTRUCTION.
- DRAINAGE EXCAVATION AND INSTALLATION ALONG 47TH STREET SHALL NOT OCCUR BETWEEN MEMORIAL DAY AND THANKSGIVING DAY. ROADWAY PAVING SHALL NOT OCCUR BETWEEN THANKSGIVING DAY AND MEMORIAL DAY.

DRAINAGE GENERAL NOTES

- SEE DRAINAGE DETAILS SHEETS FOR DRAINAGE STRUCTURE OFFSET AND RIM ELEVATION LOCATION.
- CONNECTING ALL EXISTING STORM SEWERS TO PROPOSED DRAINAGE STRUCTURES AND PROPOSED STORM SEWERS TO EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF STORM SEWER CONNECTION. THE COST OF CONNECTING PROPOSED STORM SEWERS TO PROPOSED DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE RELATED DRAINAGE STRUCTURE.
- PROPOSED RIM AND INVERT ELEVATIONS ARE BASED ON EXISTING THEORETICAL GRADES. ACTUAL FINAL GRADES ARE SUBJECT TO NOMINAL VARIATIONS. ADJUSTMENT OF PROPOSED CASTINGS TO FINAL GRADES IS INCLUDED IN THE COST OF THE RELATED DRAINAGE STRUCTURE.
- THE CONTRACTOR SHALL VERIFY EXISTING OUTLET STRUCTURE LOCATION AND INVERTS PRIOR TO STARTING UPSTREAM STORM SEWER CONNECTION AND CONSTRUCTION.
- ALL STORM SEWERS, PIPE CULVERTS, CATCH BASINS, MANHOLES, INLETS AND SIMILAR STRUCTURE NEWLY CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS, OR FOREIGN MATTER OF ANY KIND AND SHALL BE FREE FROM SUCH ACCUMULATIONS AT THE TIME OF FINAL INSPECTION. THE COST OF ANY CLEANING REQUIRED TO COMPLY WITH THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE WORK, UNLESS OTHERWISE NOTED ON THE PLANS.
- SUFFICIENT DRAINAGE FACILITIES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION TO FACILITATE SURFACE RUNOFF AND EXISTING STORM SEWER FLOW, WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTER, OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLAN HIS/HER OPERATIONS, WITH THE ENGINEER IN THE FIELD, SO AS TO UTILIZE THE FACILITIES PROVIDED TO PREVENT LOCAL FLOODING AND ENSURE PROPER SURFACE RUNOFF.
- INSTALLATION AND REMOVAL OF TEMPORARY SOIL RETENTION SYSTEM FOR THE BORE PITS AS SHOWN ON THE PLANS SHALL BE INCLUDED IN THE COST OF TEMPORARY SOIL RETENTION SYSTEM.
- THE BEDDING UNDER PRECAST CONCRETE BOX CULVERT SHALL BE MINIMUM OF ONE (1) FOOT IN DEPTH AND EXTEND TWO (2) FEET BEYOND THE OUTSIDE WALL OF THE PRECAST CONCRETE BOX CULVERT. THE BEDDING MATERIAL SHALL BE PER ART. 540.02 OF THE SSRBC AND SHALL BE INCLUDED IN THE COST OF PRECAST CONCRETE BOX CULVERT.

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	DATE - 3/5/2024	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.
2719	3212TS-RR	COOK	336	4
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

GEN-02

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	PERCENT AIR VOIDS @ NDES	× THICKNESS	× QMP
47TH STREET RECONSTRUCTION			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80	3.5% @ 80 GYR	1 - 3/4"	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR	3/4"	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0)	4% @ 90 GYR	10-1/2"	QC/QA
47TH STREET RESURFACING			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80	3.5% @ 80 GYR	1 - 3/4"	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR	3/4"	QC/QA
47TH STREET WIDENING			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80	3.5% @ 80 GYR	1 - 3/4"	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR	3/4"	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0)	4% @ 90 GYR	10-1/2"	QC/QA
HMA BASE COURSE WIDENING (HMA BINDER IL-19.0)	4% @ 90 GYR	10-1/2"	QC/QA
EAST AVENUE RECONSTRUCTION			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80	3.5% @ 80 GYR	1 - 3/4"	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR	3/4"	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0)	4% @ 90 GYR	10-1/2"	QC/QA
EAST AVENUE RESURFACING / BLUFF AVE			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80	3.5% @ 80 GYR	1 - 3/4"	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR	3/4"	QC/QA
EAST AVENUE WIDENING / BLUFF AVE			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80	3.5% @ 80 GYR	1 - 3/4"	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR	3/4"	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0)	4% @ 90 GYR	10-1/2"	QC/QA
HMA BASE COURSE WIDENING (HMA BINDER IL-19.0)	4% @ 90 GYR	10-1/2"	QC/QA
RESTORATION AREAS			
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	4% @ 70 GYR	1 - 1/2"	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR	5"	QC/QA
RAILROAD (HMA PLUG)- INCIDENTAL HOT-MIX ASPHALT SURFACING			
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	4% @ 90 GYR	12"	QC/QA
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)			

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/INCH.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.



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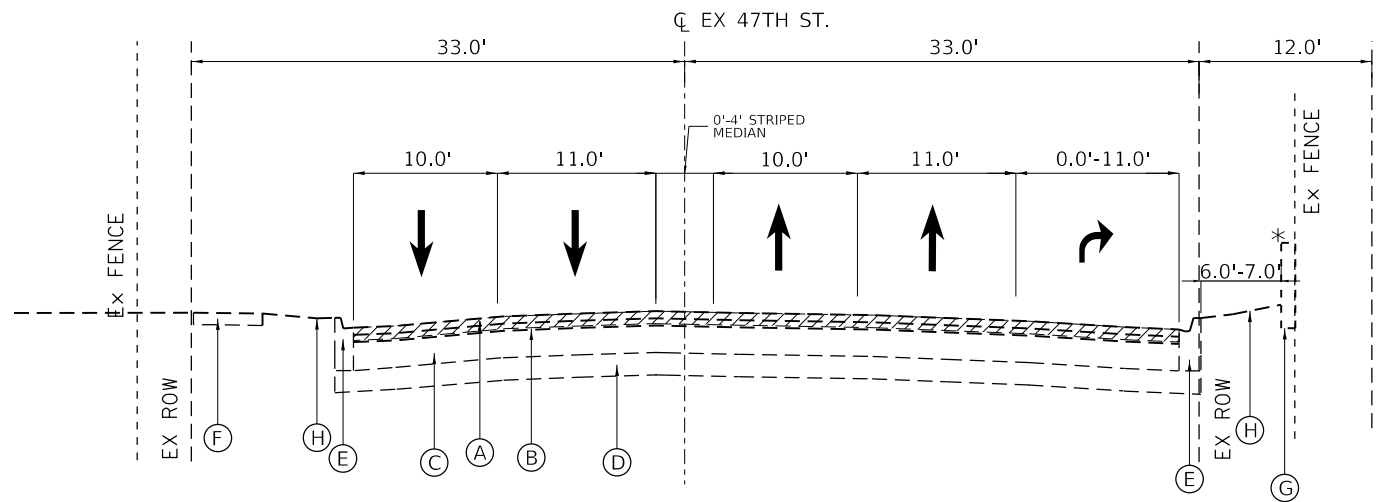
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

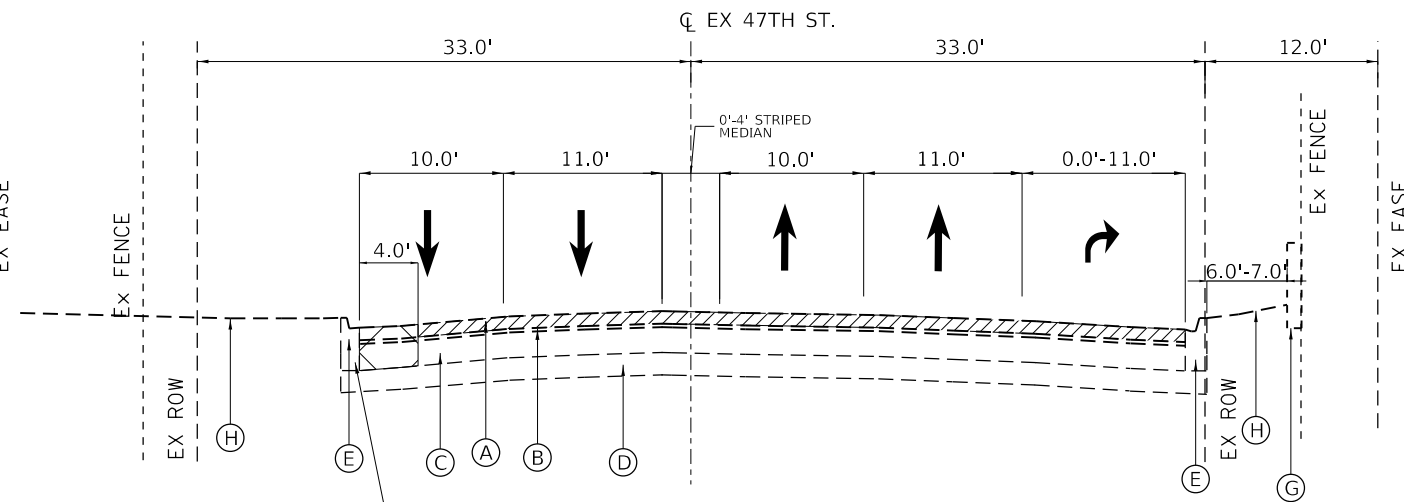
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

SCALE: SHEET OF SHEETS STA. TO STA.

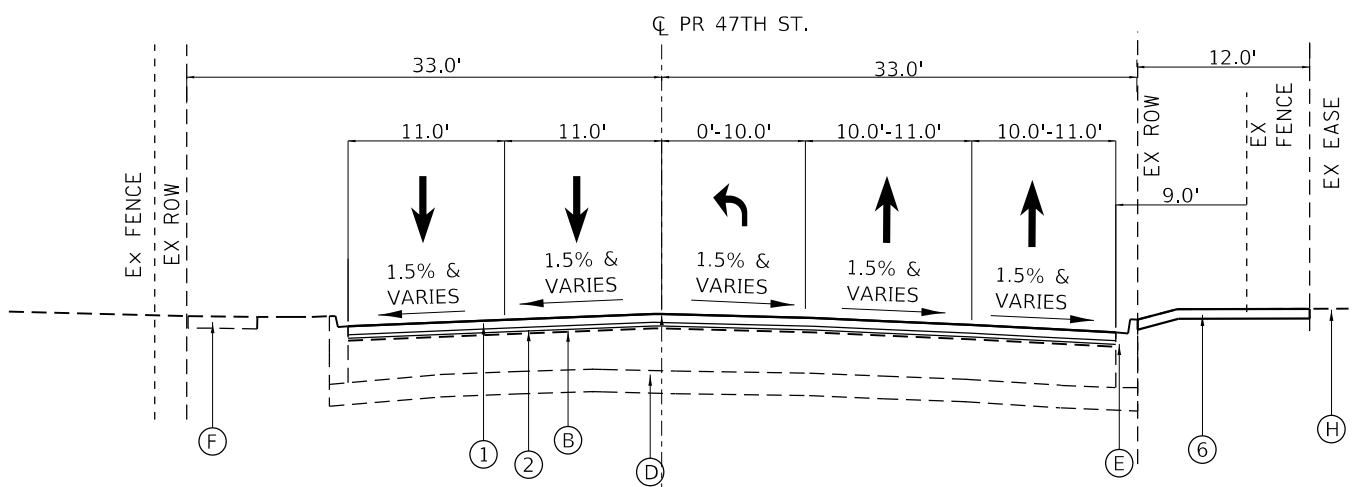
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
2719	3212TS-RR	COOK	336	5	
			CONTRACT NO. 62F11		
			ILLINOIS FED. AID PROJECT		



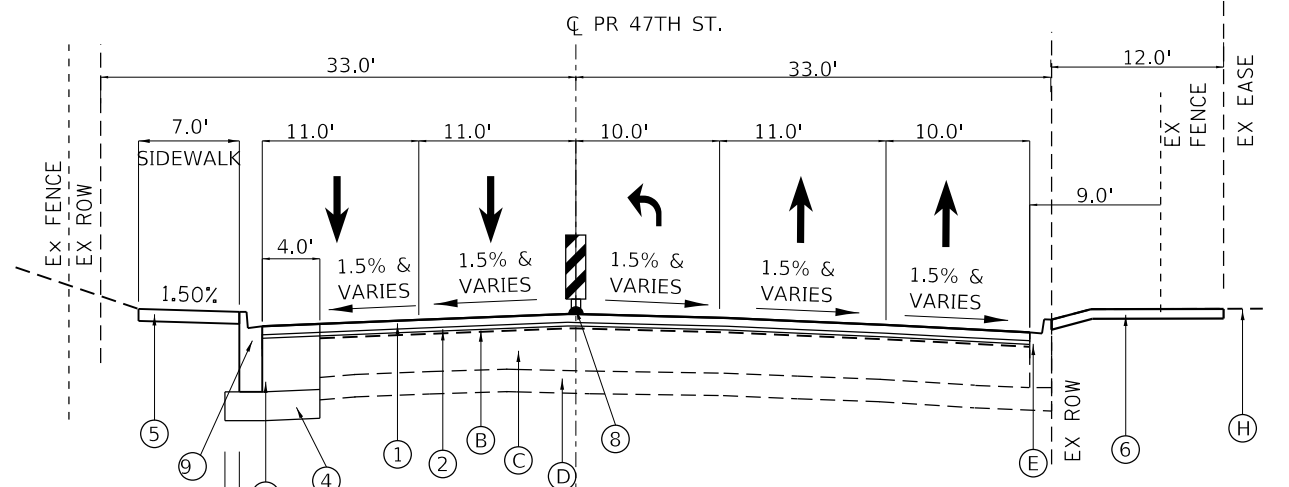
**47TH STREET
EXISTING TYPICAL SECTION**
STA 91+90.00 TO STA 95+03.00
*RETAINING WALL: STA 92+54.20 TO 94+28.00



**47TH STREET
EXISTING TYPICAL SECTION**
STA 95+03.00 TO STA 98+83.98



**47TH STREET
PROPOSED TYPICAL SECTION**
STA 91+90.00 TO STA 95+03.00



**47TH STREET
PROPOSED TYPICAL SECTION**
STA 95+03.00 TO STA 98+83.98

EXISTING LEGEND

- (A) HMA SURFACE COURSE - 1.5" & VARIES
- (B) HMA BINDER COURSE - 1.5" & VARIES
- (C) PCC BASE - 9" & VARIES
- (D) AGGREGATE SUBGRADE
- (E) COMBINATION CONCRETE CURB & GUTTER
- (F) PCC SIDEWALK
- (G) RETAINING WALL
- (H) EXISTING GROUND

PROPOSED LEGEND

- (1) 1 3/4" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5 MIX "F", N80 (40605026)
- (2) 3/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (40603200)
- (3) HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2" (35600718)
- (4) SUBBASE GRANULAR MATERIALS, TYPE B 4" (31101200)
- (5) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)
- (6) SODDING (25200100)
TOPSOIL FURNISH AND PLACE, 4" (21101615)

REMOVAL LEGEND

- (7) RETAINING WALL
- (8) FLEXIBLE DELINEATORS (X0320586)
- (9) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (60603800)
- (10) 10 1/2" HOT-MIX ASPHALT BASE COURSE (35501326)
- (11) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- [Hatched Pattern] HOT-MIX ASPHALT SURFACE REMOVAL, 2.5"
- [Grid Pattern] SIDEWALK REMOVAL
- [Cross-hatch Pattern] PAVEMENT REMOVAL

NOTE: LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HMA BC IL-4.75 N50.

REVISI 5/28/2024



USER NAME = Schaeffn	DESIGNED - NWS	REVISED -
	DRAWN - DVP	REVISED -
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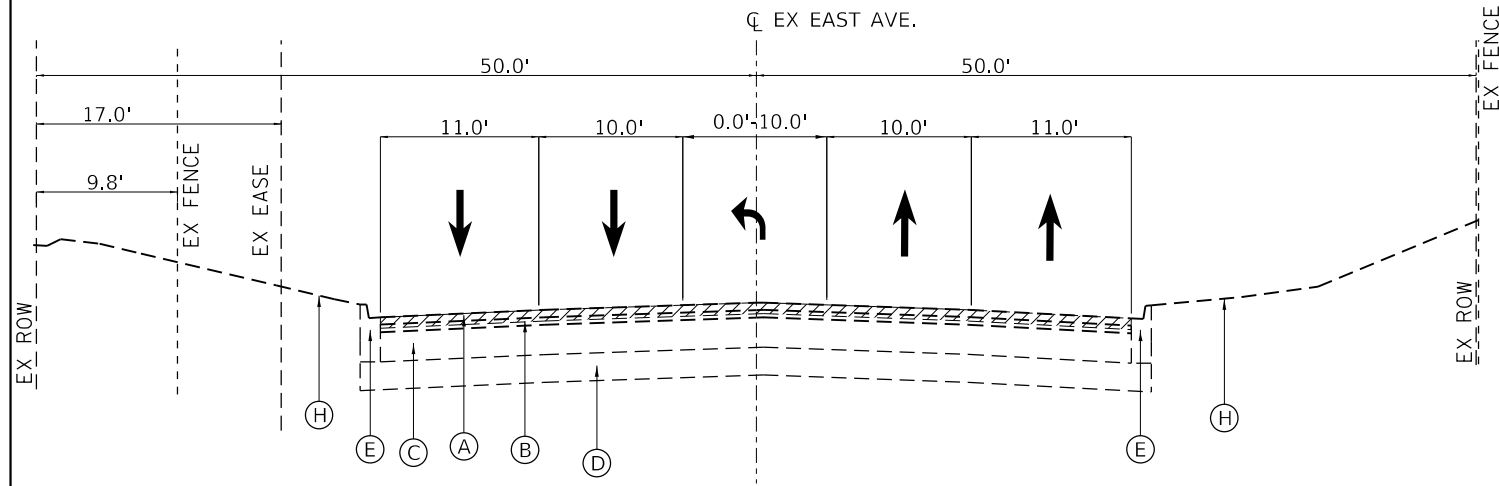
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST AVENUE AT 47TH STREET
TYPICAL SECTIONS

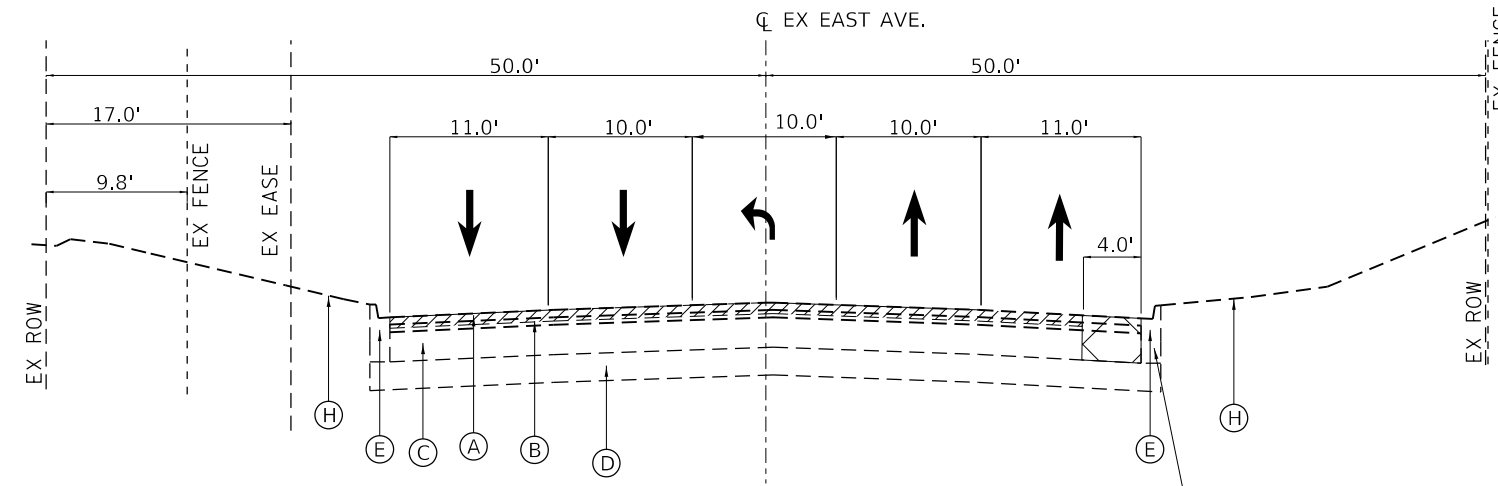
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	26
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

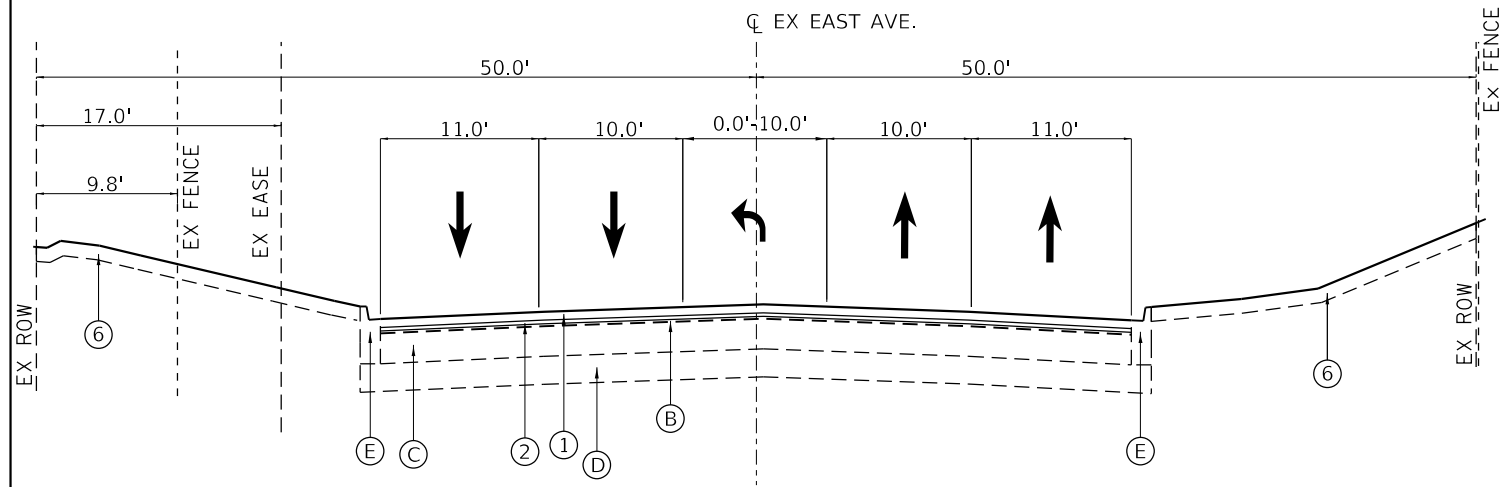
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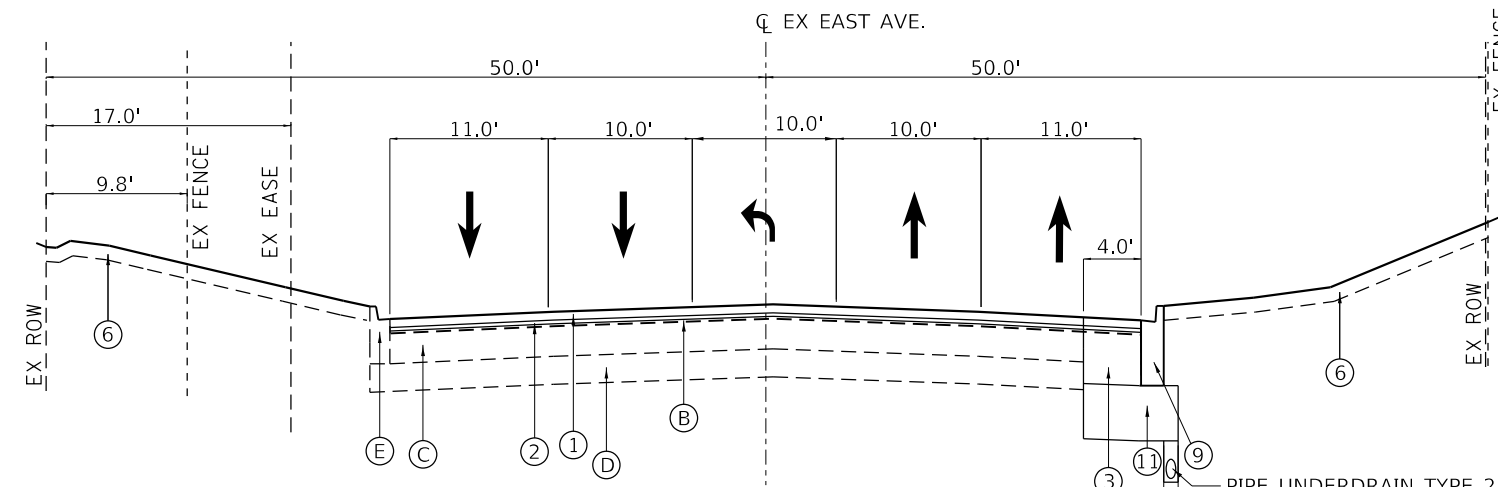
**EAST AVENUE
EXISTING TYPICAL SECTION**
STA 611+00.00 TO STA 613+00.00



**EAST AVENUE
EXISTING TYPICAL SECTION**
STA 613+00.00 TO STA 616+00.00



**EAST AVENUE
PROPOSED TYPICAL SECTION**
STA 611+00.00 TO STA 613+00.00



**EAST AVENUE
PROPOSED TYPICAL SECTION**
STA 613+00.00 TO STA 616+00.00

EXISTING LEGEND

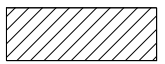
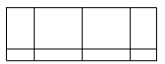

- (A) HMA SURFACE COURSE - 1.5" & VARIES
- (B) HMA BINDER COURSE - 1.5" & VARIES
- (C) PCC BASE - 9" & VARIES
- (D) AGGREGATE SUBGRADE
- (E) COMBINATION CONCRETE CURB & GUTTER
- (F) PCC SIDEWALK
- (G) RETAINING WALL
- (H) EXISTING GROUND

PROPOSED LEGEND

- (1) 1 3/4" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5 MIX "F", N80 (40605026)
- (2) 3/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (40603200)
- (3) HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2" (35600718)
- (4) SUBBASE GRANULAR MATERIALS, TYPE B 4" (31101200)
- (5) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)
- (6) SODDING (25200100)
TOPSOIL FURNISH AND PLACE, 4" (21101615)

REMOVAL LEGEND

- (7) RETAINING WALL
- (8) FLEXIBLE DELINEATORS (X0320586)
- (9) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (60603800)
- (10) 10 1/2" HOT-MIX ASPHALT BASE COURSE (35501326)
- (11) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)

-  HOT-MIX ASPHALT SURFACE REMOVAL, 2.5"
-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL

NOTE: LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HMA BC IL-4.75 N50.

1 REVISED ENTIRE SHEET 5/28/2024

TYP-03

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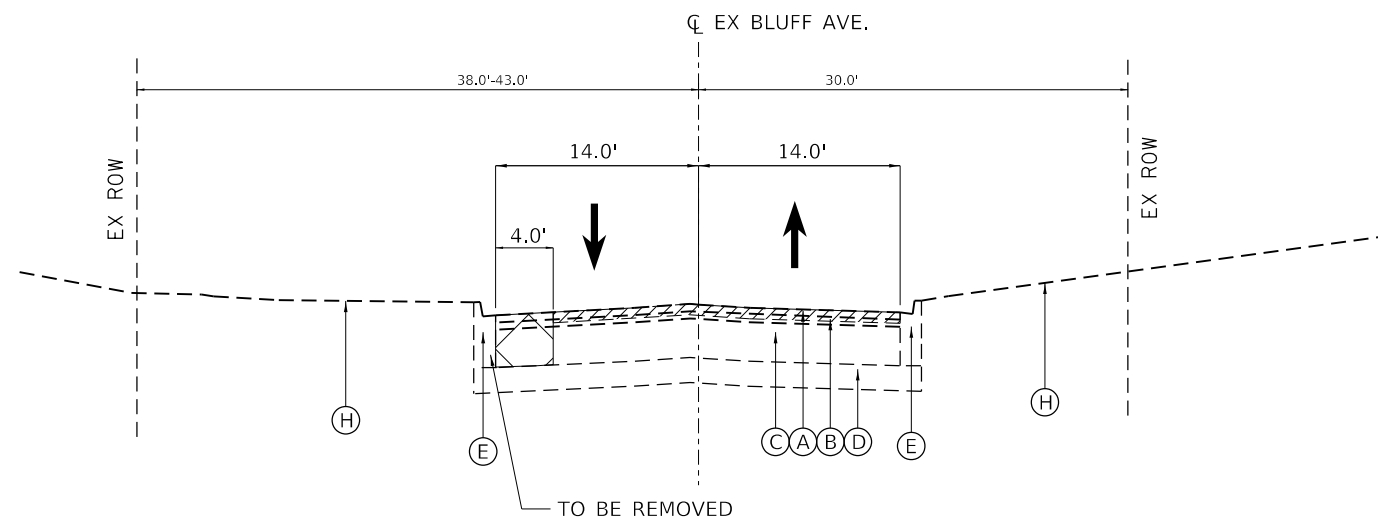
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

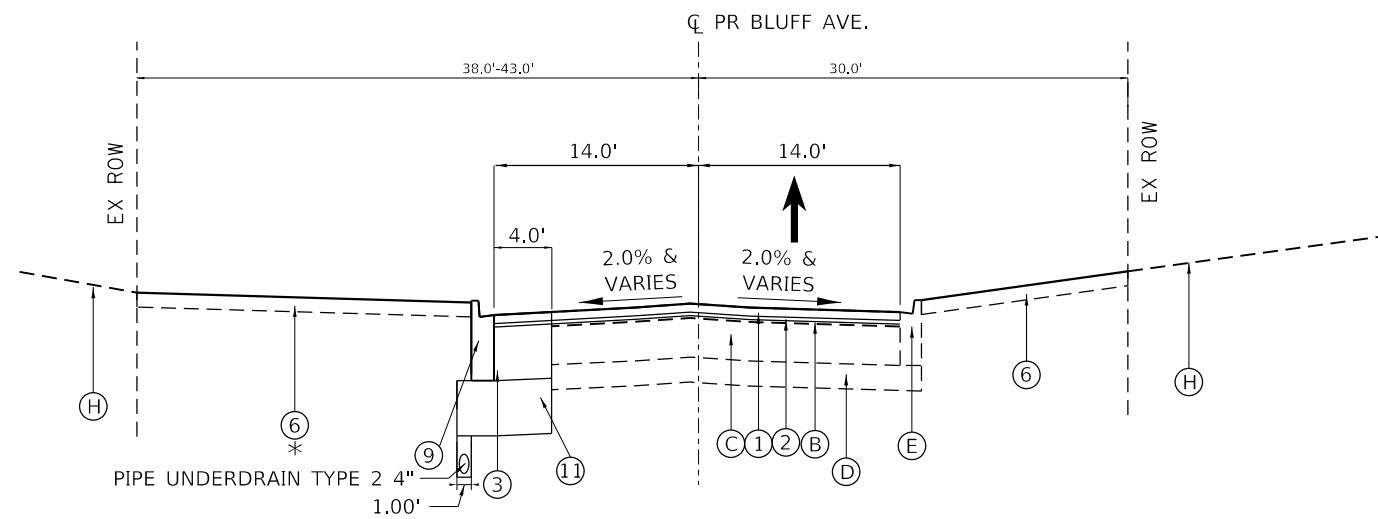
**EAST AVENUE AT 47TH STREET
TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	28
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				



**BLUFF AVENUE SOUTH
EXISTING TYPICAL SECTION**
STA 10+36.00 TO STA 13+22.00



**BLUFF AVENUE SOUTH
PROPOSED TYPICAL SECTION**
STA 10+36.00 TO STA 13+22.00
*STA 12+52.42 TO STA 12+98.67

EXISTING LEGEND

- (A) HMA SURFACE COURSE - 1.5" & VARIES
- (B) HMA BINDER COURSE - 1.5" & VARIES
- (C) PCC BASE - 9" & VARIES
- (D) AGGREGATE SUBGRADE
- (E) COMBINATION CONCRETE CURB & GUTTER
- (F) PCC SIDEWALK
- (G) RETAINING WALL
- (H) EXISTING GROUND

PROPOSED LEGEND

- (1) 1 3/4" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5 MIX "F", N80 (40605026)
- (2) 3/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (40603200)
- (3) HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2" (35600718)
- (4) SUBBASE GRANULAR MATERIALS, TYPE B 4" (31101200)
- (5) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)
- (6) SODDING (25200100)
TOPSOIL FURNISH AND PLACE, 4" (21101615)

- (7) RETAINING WALL
- (8) FLEXIBLE DELINEATORS (X0320586)
- (9) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (60603800)
- (10) 10 1/2" HOT-MIX ASPHALT BASE COURSE (35501326)
- (11) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)

REMOVAL LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 2.5"
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL

NOTE: LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HMA BC IL-4.75 N50.

REVISED ENTIRE SHEET 5/28/2024

TYP-06



USER NAME = SchaeffN	DESIGNED - NWS	REVISED -
	DRAWN - DVP	REVISED -
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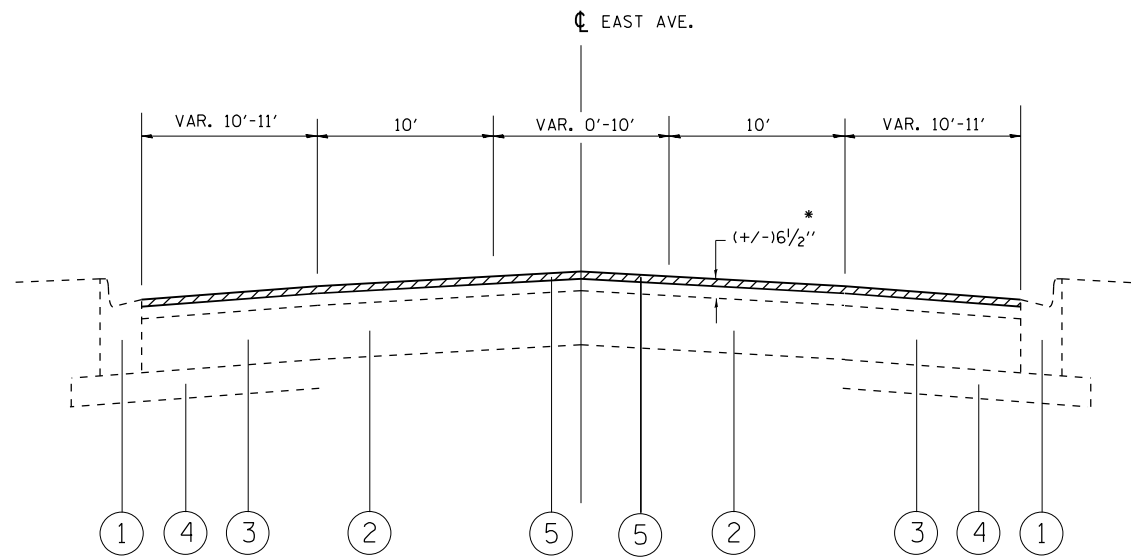
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST AVENUE AT 47TH STREET
TYPICAL SECTIONS

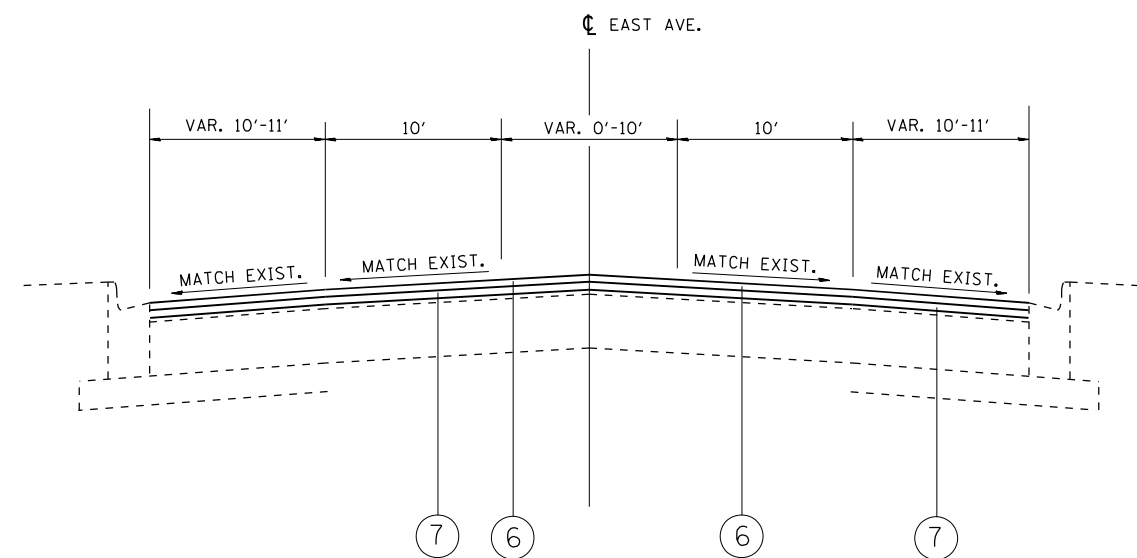
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F11	

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EXISTING TYPICAL SECTION
STA. 52+16.3 TO STA. 86+60.5



PROPOSED TYPICAL SECTION
STA. 52+16.3 TO STA. 86+60.5

LEGEND:

- ① EXISTING COMB. CONC. CURB AND GUTTER
- ② EXISTING PCC BASE COURSE (+/-) 9"
- ③ EXISTING HMA BASE COURSE (+/-) 6 1/2"
- ④ EXISTING SUB-BASE GRANULAR MATERIAL, 6"
- ⑤ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑥ PROPOSED HMA SURFACE COURSE, IL-9.5, N70, MIX "D", 1 1/2"
- ⑦ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"

NOTES:

- * THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS(%) @ N _{DES.}	
PAVEMENT RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2"	4% @ 70 GYR	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"	3.5% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCHES (MHA BINDER IL-19.0)	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE(QA/QC); QUALITY CONTROL FOR PERFORMANCE(QCP); PAY FOR PERFORMANCE(PFP)		

MIXTURE NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
3. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL 4.75, N50



REVISD ENTIRE SHEET 5/28/2024

FILE NAME =	USER NAME = Rena,Kalo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EAST AVENUE AT 47TH STREET EAST AVENUE RESURFACING TYPICAL SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 62F11				
PLOT DATE = 4/30/2024	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	

1

EARTHWORK									
ROADWAY & STAGE		EARTH EXCAVATION	ADJ. EARTH EXCAVATION (15%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	STAGE TOPSOIL EXCAVATION	STAGE TOPSOIL PLACEMENT	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	REMOVAL OF UNSUITABLE MATERIALS*
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
STAGE 1	47th STREET	3,548.4	3,016.1	25.9	2,990.2	212.9	149.2	63.7	0.0
	EAST AVE	355.0	301.7	10.5	291.2	6.9	4.0	2.9	0.0
	BLUFF AVE	34.9	29.7	0.0	29.7	0.0	0.0	0.0	0.0
STAGE 2	47th STREET	159.5	135.6	47.5	88.1	60.7	9.8	50.9	0.0
	EAST AVE	184.3	156.7	49.5	107.2	71.9	17.5	54.4	0.0
TOTAL VOLUMES		4,282.1	3,639.8	133.5	3,506.3	352.5	180.6	171.9	500.0

*NOMINAL QUANTITY TO BE USED AT THE DISCRETION OF THE ENGINEER

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	4,283.0
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	353.0
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	500.0

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USER NAME = mjablonowska	DESIGNED - TS	REVISED -
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PLOT DATE = 4/26/2024	CHECKED - CLG	REVISED -
	DATE - 3/5/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST AVENUE AT 47TH STREET
EARTHWORK SUMMARY TABLE

SCALE: SHEET OF SHEETS STA. TO STA.

REVISED ENTIRE SHEET 5/28/2024 **EW-08**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	40
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F11	

PROPOSED SIDEWALK				
STATION	STATION	OFFSET	31101200	42400200
			SUBBASE GRANULAR MATERIAL, TYPE B 4"	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
			SQ YD	SQ FT
47TH ST				
91+00.00	97+00.00	LT	137	1,234
97+00.00	103+00.00	LT	222	2,000
103+00.00	109+00.00	LT	136	1,225
109+00.00	115+00.00	LT	113	1,015
115+00.00	121+00.00	LT	32	291
EAST AVE				
616+00.00	622+00.00	LT	43	386
622+00.00	628+00.00	LT	319	2,868

TOTAL	996	8,971
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NOTE: 31101200 IS A SUB-TOTAL. THIS PAY ITEM IS USED ELSEWHERE.

DETECTABLE WARNING		
STATION	OFFSET	X4240800
		QUANTITY
		SF
47TH ST		
95+25.00	LT	19
97+65.00	LT	14
98+68.00	LT	14
99+62.00	LT	12
100+33.00	LT	14
103+18.00	LT	11
103+55.00	LT	12
106+47.00	LT	15
106+93.00	LT	10
109+80.00	LT	15
112+25.00	LT	10
113+15.00	LT	15
113+58.00	LT	14
119+78.13	LT	10

TOTAL	185
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PROPOSED DRIVEWAYS		
STATION	31101200	42300400
	SUBBASE GRANULAR MATERIAL, TYPE B 4"	PORTLAND CEMENT CONCRETE DRIVEWAY, 8 INCH
	SQ YD	SQ YD
47TH ST		
107+46.00	23.3	23.3
108+78.80	23.3	23.3
111+06.76	78.5	78.5
114+70.80	30.6	30.6
122+70.33	23.9	23.9
127+73.77	52.9	52.9
131+17.28	122.5	122.5
617+14.00	74.7	74.7
618+90.00	67.5	67.5
621+50.00	47.2	47.2
621+95.00	29.0	29.0
623+15.70	37.9	37.9

TOTAL	612	612
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NOTE: 31101200 IS A SUB-TOTAL. THIS PAY ITEM IS USED ELSEWHERE.

CURB AND GUTTER			
STATION	STATION	60603800	60608562
		COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
		FOOT	FOOT
47TH ST			
91+00.00	97+00.00	220.0	---
97+00.00	103+00.00	744.0	65
103+00.00	109+00.00	872.0	---
109+00.00	115+00.00	922.0	---
115+00.00	121+00.00	706.0	---
121+00.00	127+00.00	601.0	---
127+00.00	133+00.00	478.0	---
15% Engineer's Discretion		682.0	---
EAST AVE			
610+00.00	616+00.00	347.0	---
616+00.00	622+00.00	328.0	29
622+00.00	628+00.00	536.0	---
BLUFF AVE			
10+00.00	13+60.32	363.0	---

TOTAL	6,799	94
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FENCING				
STATION	STATION	OFFSET	50901720	X6640304
			BICYCLE RAILING	CHAIN LINKED FENCE TO BE REMOVED AND RE-ERECTED
			FOOT	FOOT
47TH ST				
98+80.79	99+65.54	LT	105	---
96+64.57	97+00.00	LT	---	36.8
97+00.00	97+48.52	LT	---	48.6
102+61.23	103+00.00	RT	---	38.8
103+00.00	107+80.00	RT	---	480.0
107+80.00	107+80.00	RT	---	1.5
107+80.00	109+00.00	RT	---	120.0
109+00.00	110+57.00	RT	---	157.9
111+59.00	115+00.00	RT	---	336.3
115+00.00	121+00.00	RT	---	600.0
121+00.00	122+49.68	RT	---	149.7
122+93.92	126+80.17	RT	---	386.3
128+49.66	130+81.80	RT	---	232.1
131+35.97	131+47.00	RT	---	14.8

TOTAL	105	2,603
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PAVEMENT SCHEDULE						
LOCATION	30300112	35501326	35600718	40600290	40603200	40605026
	AGGREGATE SUBGRADE IMPROVEMENT	HOT-MIX ASPHALT BASE COURSE, 10 1/2"	HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2"	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
	SQ YD	SQ YD	SQ YD	POUND	TON	TON
PRF-01	165	0	100	1,400	120	136
PRF-02	1,900	1,359	179	1,914	168	272
PRF-03	1,964	1,560	143	1,461	136	232
PRF-04	1,938	1,467	154	1,384	127	218
PRF-05	1,716	1,467	47	1,346	126	210
PRF-06	1,908	1,735	0	1,571	147	244
PRF-07	1,602	1,434	24	1,239	102	196
PRF-08	349	60	134	1,248	106	131
PRF-09	1,048	974	1,027	760	63	116
PRF-10	819	0	247	615	53	71
PRF-11	311	9	138	446	42	52
25%	3,430	---	---	---	---	---
TOTAL	17,150	11,456	1,165	13,384	1,190	1,879

NOTE: A 25% CONTINGENCY IS ADDED TO 30300112 FOR ANY UNFORESEEN UNSUITABLE MATERIAL



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PLOT SCALE = 1200.0000' / in.	DRAWN - TS	REVISED -
PLOT DATE = 4/26/2024	CHECKED - CLG	REVISED -
	DATE - 3/5/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

REVISED ENTIRE SHEET 5/28/2024

SCH-06

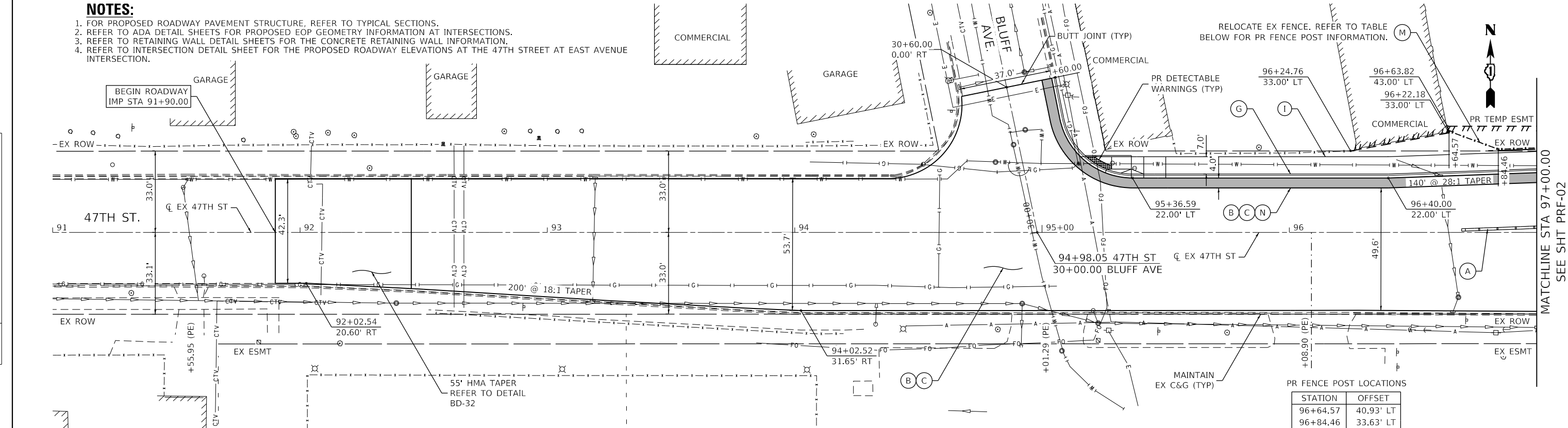
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	46
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

NOTES:

1. FOR PROPOSED ROADWAY PAVEMENT STRUCTURE, REFER TO TYPICAL SECTIONS.
2. REFER TO ADA DETAIL SHEETS FOR PROPOSED EOP GEOMETRY INFORMATION AT INTERSECTIONS.
3. REFER TO RETAINING WALL DETAIL SHEETS FOR THE CONCRETE RETAINING WALL INFORMATION.
4. REFER TO INTERSECTION DETAIL SHEET FOR THE PROPOSED ROADWAY ELEVATIONS AT THE 47TH STREET AT EAST AVENUE INTERSECTION.

DATE	BY
DATE	BY
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DATE	BY
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DATE	BY
DATE	BY
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DATE	BY
DATE	BY



PR FENCE POST LOCATIONS

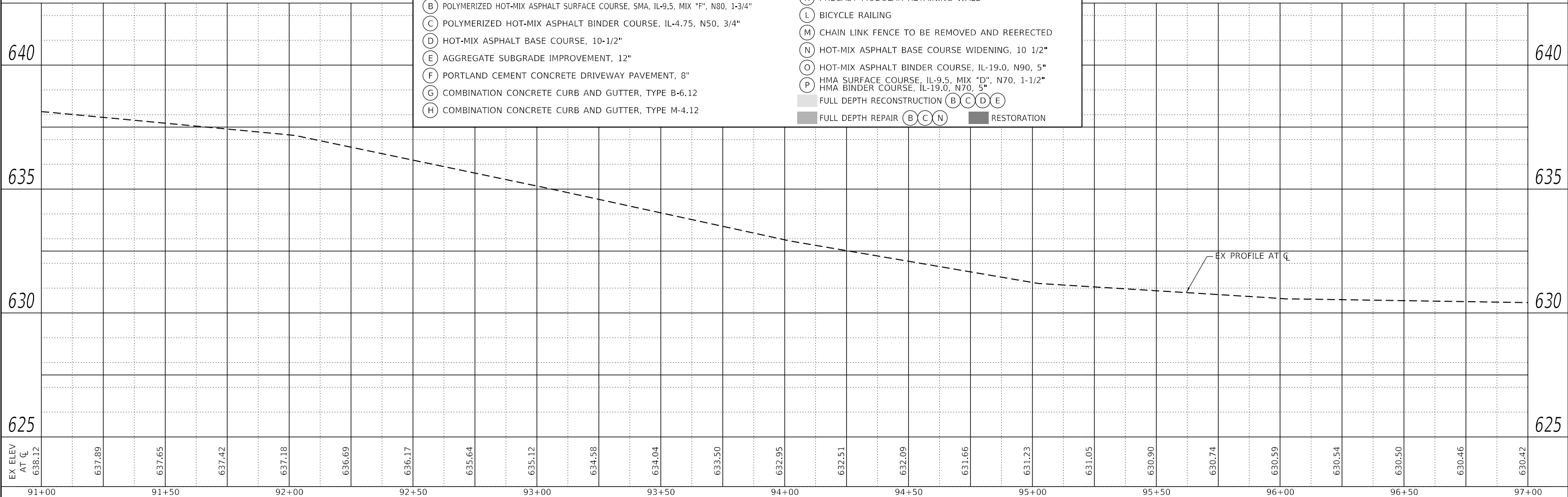
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96+84.46	33.63' LT
97+01.93	34.27' LT
97+48.52	35.99' LT



ROADWAY LEGEND

- (A) FLEXIBLE DELINEATORS
- (B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80, 1-3/4"
- (C) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- (D) HOT-MIX ASPHALT BASE COURSE, 10-1/2"
- (E) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (F) PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
- (I) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (J) PORTLAND CEMENT CONCRETE RAILROAD CROSSING, 12"
- (K) PRECAST MODULAR RETAINING WALL
- (L) BICYCLE RAILING
- (M) CHAIN LINK FENCE TO BE REMOVED AND REERECTED
- (N) HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2"
- (O) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 5"
- (P) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- HMA BINDER COURSE, IL-19.0, N70, 5"
- FULL DEPTH RECONSTRUCTION (B, C, D, E)
- FULL DEPTH REPAIR (B, C, N)
- RESTORATION

REVISED ENTIRE SHEET 5/28/2024



EX ELEV AT CL	638.12	637.89	637.65	637.42	637.18	636.69	636.17	635.64	635.12	634.58	634.04	633.50	632.95	632.51	632.09	631.66	631.23	631.05	630.90	630.74	630.59	630.54	630.50	630.46	630.42
STATION	91+00	91+50	92+00	92+50	93+00	93+50	94+00	94+50	95+00	95+50	96+00	96+50	97+00												



USER NAME = mjablonowska	DESIGNED - TS	REVISD -
	DRAWN - TS	REVISD -
PLOT SCALE = 40,0000' / in.	CHECKED - CLG	REVISD -
PLOT DATE = 4/29/2024	DATE - 3/5/2024	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EAST AVENUE AT 47TH STREET
ROADWAY PLAN AND PROFILE**

SCALE: 1"=20' SHEET 1 OF 11 SHEETS STA. 91+00 TO STA. 97+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	60
CONTRACT NO. 62F11				

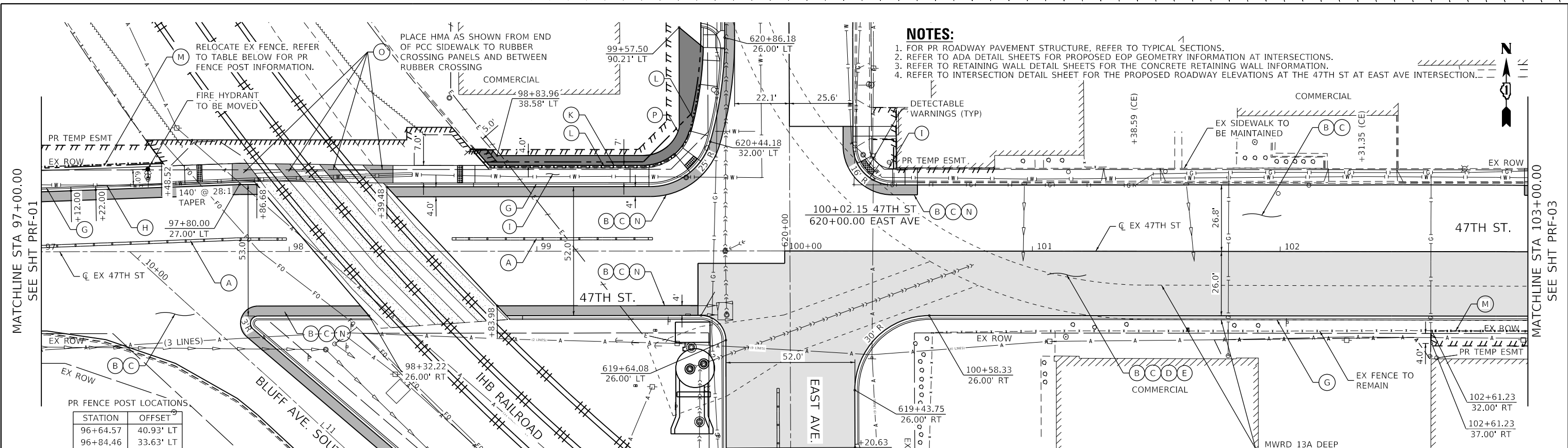
ILLINOIS FED. AID PROJECT

PRF-01

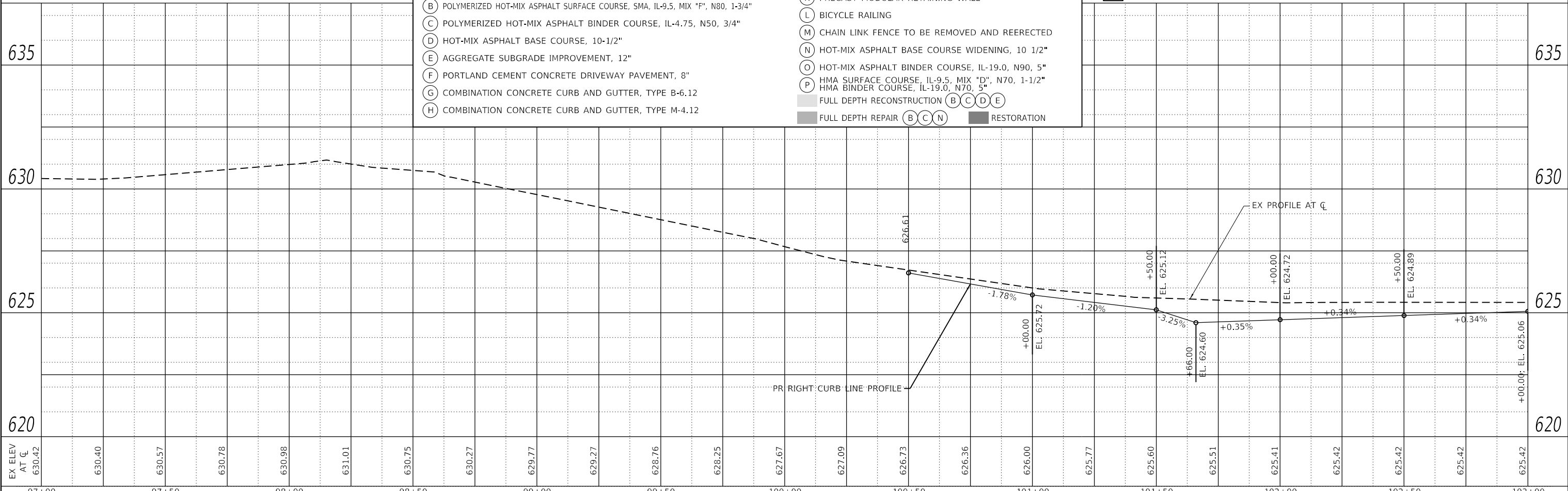
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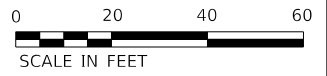
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ROADWAY LEGEND	
(A)	FLEXIBLE DELINEATORS
(B)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80, 1-3/4"
(C)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
(D)	HOT-MIX ASPHALT BASE COURSE, 10-1/2"
(E)	AGGREGATE SUBGRADE IMPROVEMENT, 12"
(F)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
(G)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
(H)	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
(I)	PORTLAND CEMENT CONCRETE SIDEWALK 5"
(J)	PORTLAND CEMENT CONCRETE RAILROAD CROSSING, 12"
(K)	PRECAST MODULAR RETAINING WALL
(L)	BICYCLE RAILING
(M)	CHAIN LINK FENCE TO BE REMOVED AND REERECTED
(N)	HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2"
(O)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 5"
(P)	HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2" HMA BINDER COURSE, IL-19.0, N70, 5"
(B C D E)	FULL DEPTH RECONSTRUCTION
(B C N)	FULL DEPTH REPAIR
(M)	RESTORATION



REVISD ENTIRE SHEET 5/28/2024



USER NAME = mjablonowska	DESIGNED - TS	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - TS	REVISED -
PLOT DATE = 4/29/2024	CHECKED - CLG	REVISED -
	DATE - 3/5/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST AVENUE AT 47TH STREET
ROADWAY PLAN AND PROFILE

SCALE: 1"=20' SHEET 2 OF 11 SHEETS STA. 97+00 TO STA. 103+00

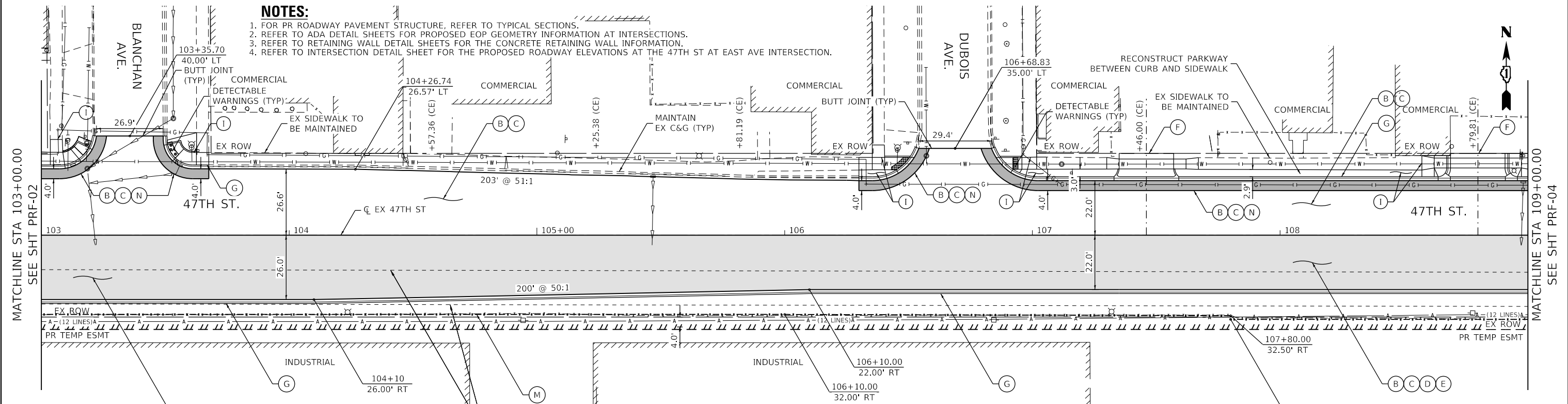
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F11	

DATE	
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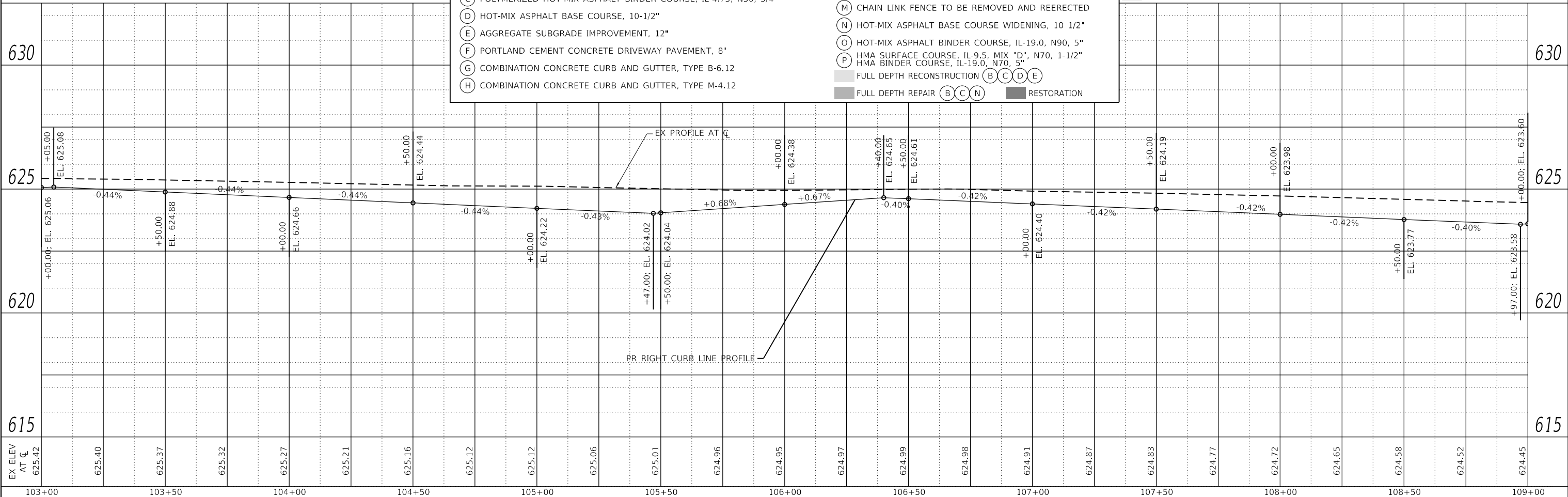
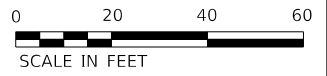
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- NOTES:**
- FOR PR ROADWAY PAVEMENT STRUCTURE, REFER TO TYPICAL SECTIONS.
 - REFER TO ADA DETAIL SHEETS FOR PROPOSED EOP GEOMETRY INFORMATION AT INTERSECTIONS.
 - REFER TO RETAINING WALL DETAIL SHEETS FOR THE CONCRETE RETAINING WALL INFORMATION.
 - REFER TO INTERSECTION DETAIL SHEET FOR THE PROPOSED ROADWAY ELEVATIONS AT THE 47TH ST AT EAST AVE INTERSECTION.



ROADWAY LEGEND	
(A)	FLEXIBLE DELINEATORS
(B)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80, 1-3/4"
(C)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
(D)	HOT-MIX ASPHALT BASE COURSE, 10-1/2"
(E)	AGGREGATE SUBGRADE IMPROVEMENT, 12"
(F)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
(G)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
(H)	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
(I)	PORTLAND CEMENT CONCRETE SIDEWALK 5"
(J)	PORTLAND CEMENT CONCRETE RAILROAD CROSSING, 12"
(K)	PRECAST MODULAR RETAINING WALL
(L)	BICYCLE RAILING
(M)	CHAIN LINK FENCE TO BE REMOVED AND REERECTED
(N)	HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2"
(O)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 5"
(P)	HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2" HMA BINDER COURSE, IL-19.0, N70, 5"
(B)(C)(D)(E)	FULL DEPTH RECONSTRUCTION
(B)(C)(N)	FULL DEPTH REPAIR
(I)	RESTORATION

REVISOR'S MARK: **REVISOR'S MARK** REVISED ENTIRE SHEET 5/28/2024



USER NAME	= mjablonowska
DESIGNED	- TS
DRAWN	- TS
CHECKED	- CLG
DATE	- 3/5/2024

REVISIONS	-
REVISIONS	-
REVISIONS	-
REVISIONS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

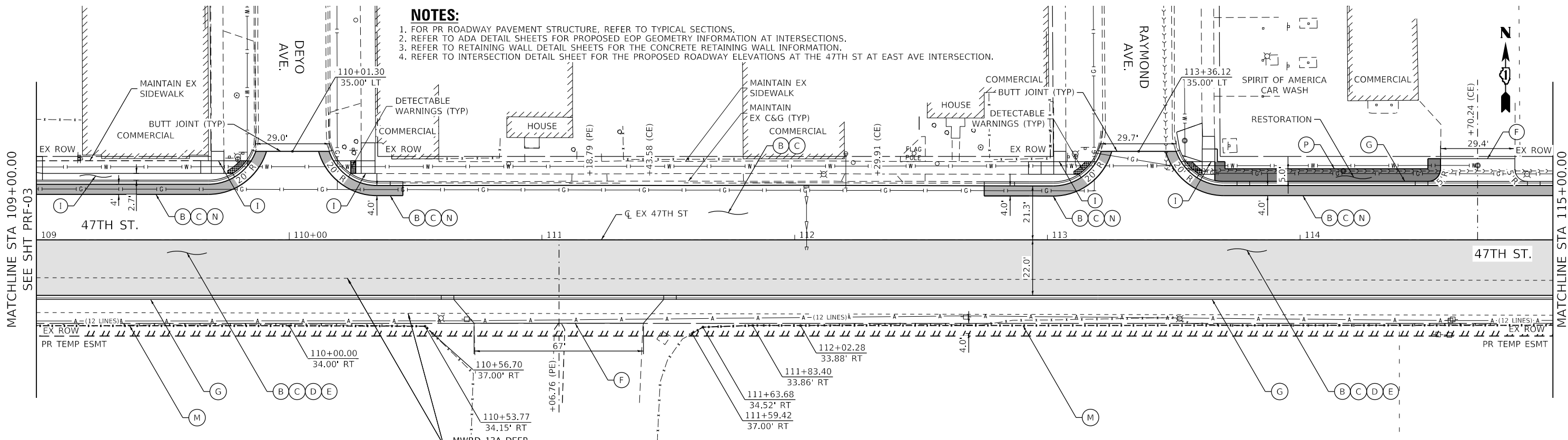
EAST AVENUE AT 47TH STREET
ROADWAY PLAN AND PROFILE

SCALE: 1"=20' SHEET 3 OF 11 SHEETS STA. 103+00 TO STA. 109+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	62
CONTRACT NO. 62F11				
ILLINOIS		FED. AID PROJECT		

NOTES:

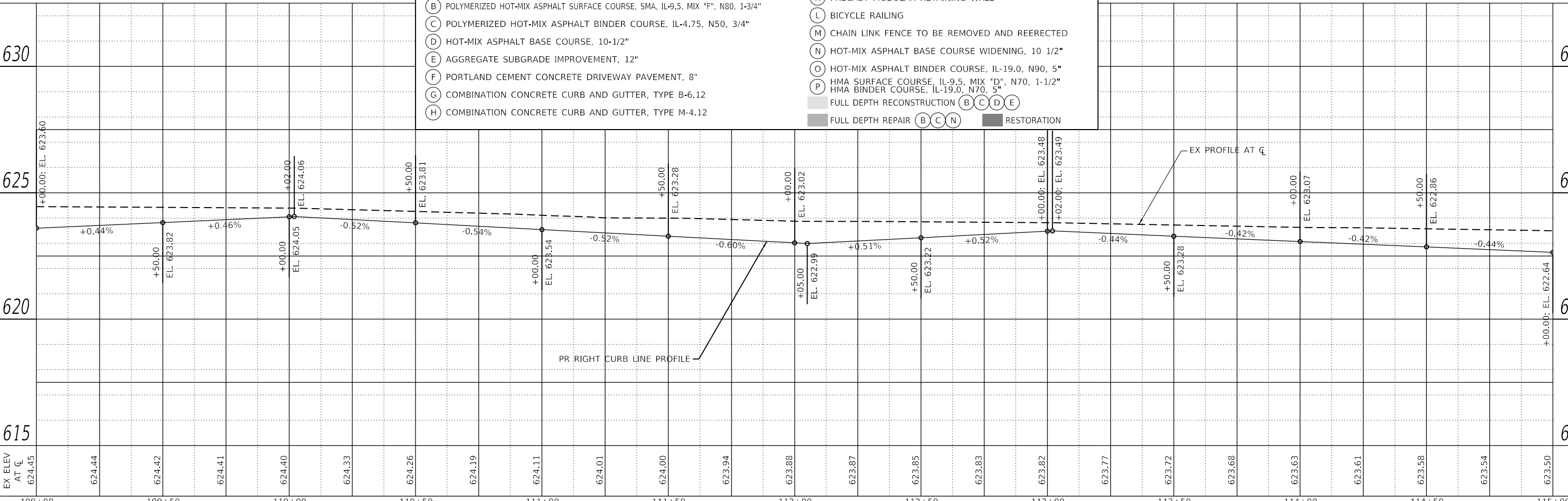
1. FOR PR ROADWAY PAVEMENT STRUCTURE, REFER TO TYPICAL SECTIONS.
2. REFER TO ADA DETAIL SHEETS FOR PROPOSED EOP GEOMETRY INFORMATION AT INTERSECTIONS.
3. REFER TO RETAINING WALL DETAIL SHEETS FOR THE CONCRETE RETAINING WALL INFORMATION.
4. REFER TO INTERSECTION DETAIL SHEET FOR THE PROPOSED ROADWAY ELEVATIONS AT THE 47TH ST AT EAST AVE INTERSECTION.



ROADWAY LEGEND

- (A) FLEXIBLE DELINEATORS
- (B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80, 1-3/4"
- (C) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- (D) HOT-MIX ASPHALT BASE COURSE, 10-1/2"
- (E) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (F) PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
- (I) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (J) PORTLAND CEMENT CONCRETE RAILROAD CROSSING, 12"
- (K) PRECAST MODULAR RETAINING WALL
- (L) BICYCLE RAILING
- (M) CHAIN LINK FENCE TO BE REMOVED AND REERECTED
- (N) HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2"
- (O) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 5"
- (P) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- (P) HMA BINDER COURSE, IL-19.0, N70, 5"
- FULL DEPTH RECONSTRUCTION (B)(C)(D)(E)
- FULL DEPTH REPAIR (B)(C)(N)
- RESTORATION

REVISION 1 REVISED ENTIRE SHEET 5/28/2024



DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
	NOTE BOOK
	NO.
	CADD FILE NAME
	NO.

DATE	
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PROFILE	SURVEYED
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	NOTE BOOK
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USER NAME = mjablonowska	DESIGNED - TS	REVISIONS
	DRAWN - TS	REVISIONS
PLOT SCALE = 40,0000' / in.	CHECKED - CLG	REVISIONS
PLOT DATE = 4/29/2024	DATE - 3/5/2024	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

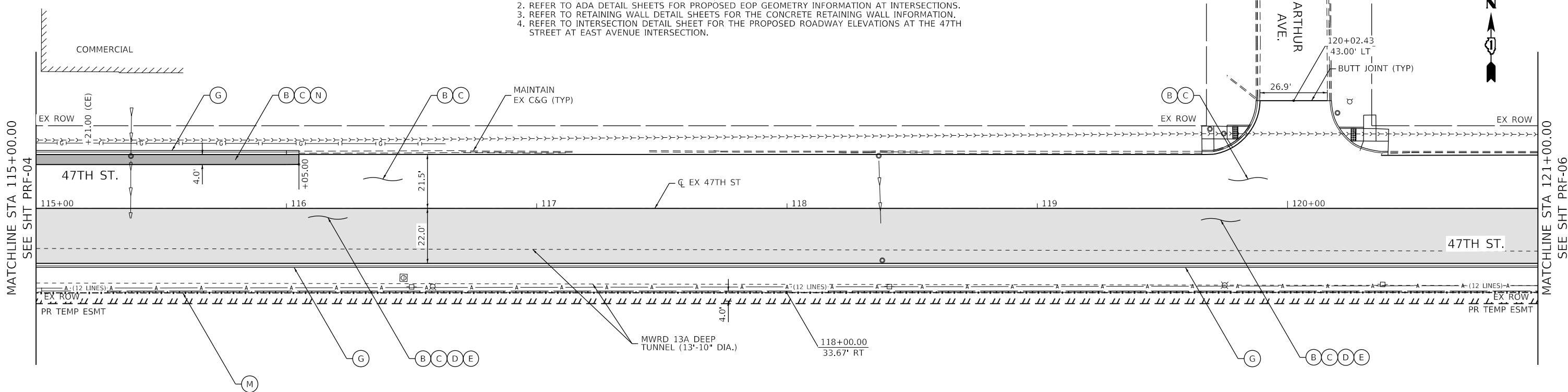
**EAST AVENUE AT 47TH STREET
ROADWAY PLAN AND PROFILE**

SCALE: 1"=20' SHEET 4 OF 11 SHEETS STA. 109+00 TO STA. 115+00

F.A.U. RTE. 2719	SECTION 3212TS-RR	COUNTY COOK	TOTAL SHEETS 336	SHEET NO. 63
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

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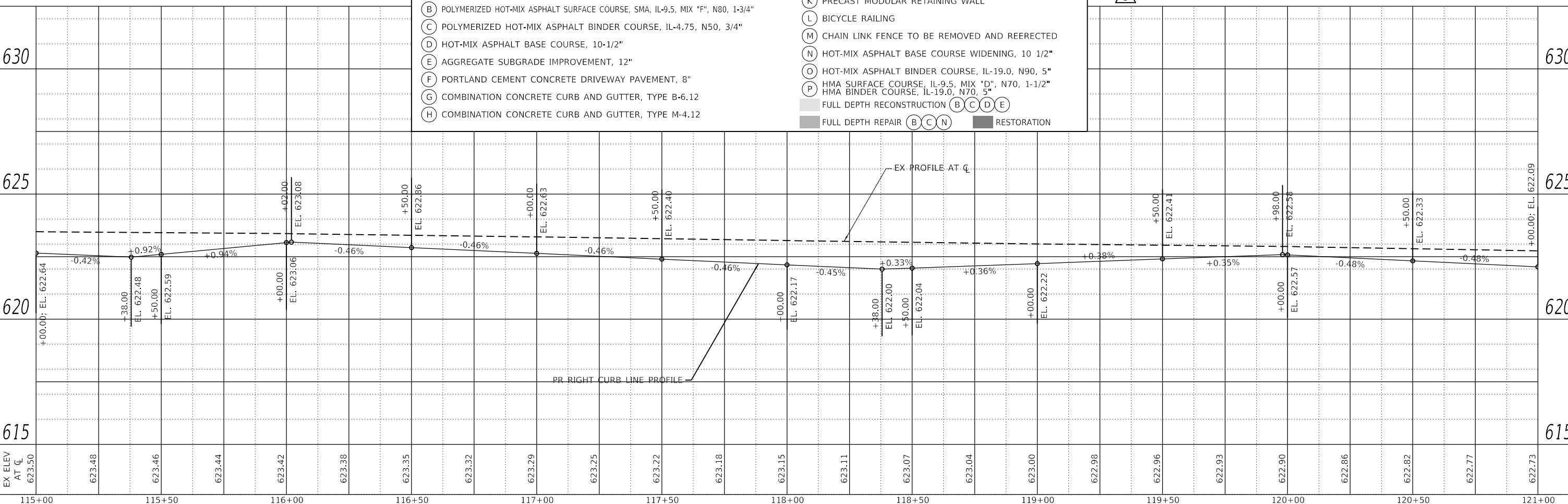
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2. REFER TO ADA DETAIL SHEETS FOR PROPOSED EOP GEOMETRY INFORMATION AT INTERSECTIONS.
3. REFER TO RETAINING WALL DETAIL SHEETS FOR THE CONCRETE RETAINING WALL INFORMATION.
4. REFER TO INTERSECTION DETAIL SHEET FOR THE PROPOSED ROADWAY ELEVATIONS AT THE 47TH STREET AT EAST AVENUE INTERSECTION.



ROADWAY LEGEND

- | | |
|---|--|
| (A) FLEXIBLE DELINEATORS | (I) PORTLAND CEMENT CONCRETE SIDEWALK 5" |
| (B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80, 1-3/4" | (J) PORTLAND CEMENT CONCRETE RAILROAD CROSSING, 12" |
| (C) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4" | (K) PRECAST MODULAR RETAINING WALL |
| (D) HOT-MIX ASPHALT BASE COURSE, 10-1/2" | (L) BICYCLE RAILING |
| (E) AGGREGATE SUBGRADE IMPROVEMENT, 12" | (M) CHAIN LINK FENCE TO BE REMOVED AND REERECTED |
| (F) PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8" | (N) HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2" |
| (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | (O) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 5" |
| (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12 | (P) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2" |
| | (P) HMA BINDER COURSE, IL-19.0, N70, 5" |
| | ■ FULL DEPTH RECONSTRUCTION (B, C, D, E) |
| | ■ FULL DEPTH REPAIR (B, C, N) ■ RESTORATION |

▲ REVISED ENTIRE SHEET 5/28/2024



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	
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DESIGNED	- TS
DRAWN	- TS
PLOT SCALE	= 40.0000' / in.
PLOT DATE	= 4/29/2024

CHECKED	- CLG
DATE	- 3/5/2024

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REVISD	-
REVISD	-
REVISD	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

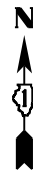
EAST AVENUE AT 47TH STREET
ROADWAY PLAN AND PROFILE

SCALE: 1"=20' SHEET 5 OF 11 SHEETS STA. 115+00 TO STA. 121+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	64
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

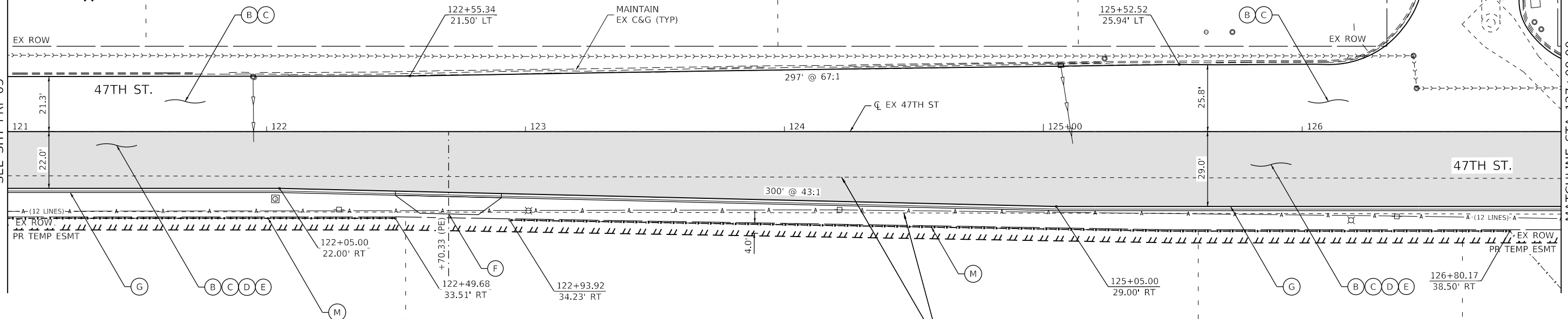
NOTES:

1. FOR PR ROADWAY PAVEMENT STRUCTURE, REFER TO TYPICAL SECTIONS.
2. REFER TO ADA DETAIL SHEETS FOR PROPOSED EOP GEOMETRY INFORMATION AT INTERSECTIONS.
3. REFER TO RETAINING WALL DETAIL SHEETS FOR THE SEGMENTAL BLOCK WALL AND CONCRETE RETAINING WALL INFORMATION.
4. REFER TO INTERSECTION DETAIL SHEET FOR THE PROPOSED ROADWAY ELEVATIONS AT THE 47TH STREET AT EAST AVENUE INTERSECTION.



MATCHLINE STA 121+00.00
SEE SHT PRF-05

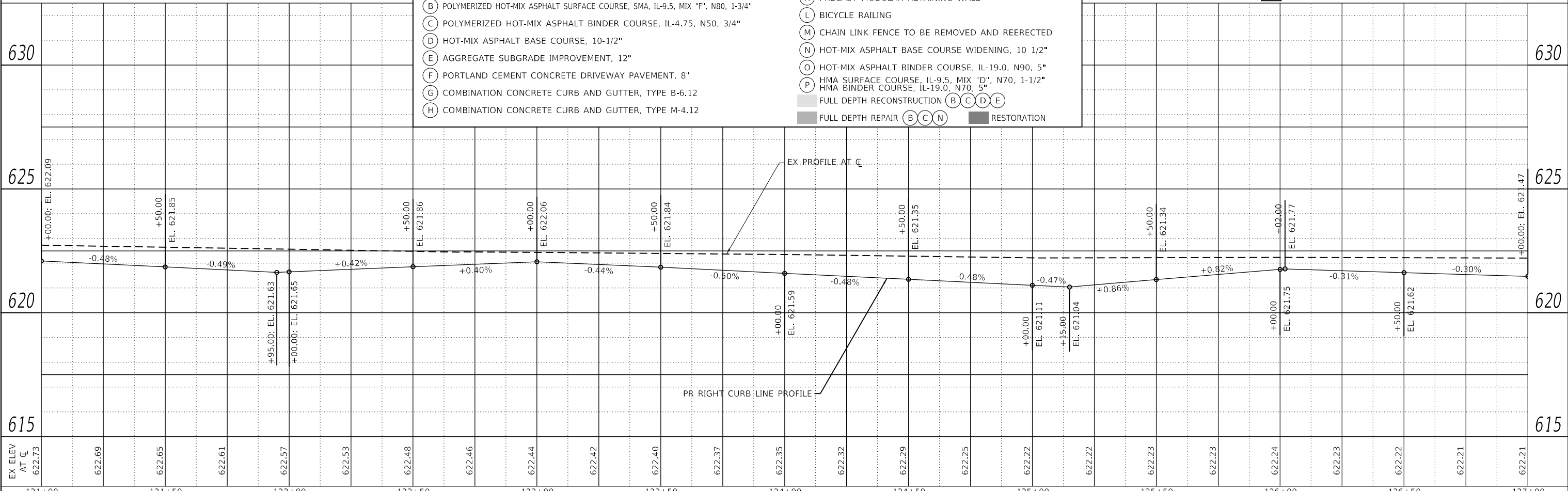
MATCHLINE STA 127+00.00
SEE SHT PRF-07



ROADWAY LEGEND

- (A) FLEXIBLE DELINEATORS
- (B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80, 1-3/4"
- (C) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- (D) HOT-MIX ASPHALT BASE COURSE, 10-1/2"
- (E) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (F) PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
- (I) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (J) PORTLAND CEMENT CONCRETE RAILROAD CROSSING, 12"
- (K) PRECAST MODULAR RETAINING WALL
- (L) BICYCLE RAILING
- (M) CHAIN LINK FENCE TO BE REMOVED AND REERECTED
- (N) HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2"
- (O) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 5"
- (P) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- (P) HMA BINDER COURSE, IL-19.0, N70, 5"
- FULL DEPTH RECONSTRUCTION (B)(C)(D)(E)
- FULL DEPTH REPAIR (B)(C)(N)
- RESTORATION

⚠️ REVISED ENTIRE SHEET 5/28/2024



PLAN

DATE	
BY	
REVISIONS	
NO.	
FILE NAME	
PROJECT	
DATE	
BY	
REVISIONS	
NO.	
FILE NAME	
PROJECT	

PROFILE

DATE	
BY	
REVISIONS	
NO.	
FILE NAME	
PROJECT	
DATE	
BY	
REVISIONS	
NO.	
FILE NAME	
PROJECT	

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USER NAME =	mjablonowska
DESIGNED -	TS
DRAWN -	TS
CHECKED -	CLG
DATE -	3/5/2024

REVISIONS	
NO.	
DESCRIPTION	
DATE	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EAST AVENUE AT 47TH STREET
ROADWAY PLAN AND PROFILE**

SCALE: 1"=20' SHEET 6 OF 11 SHEETS STA. 121+00 TO STA. 127+00

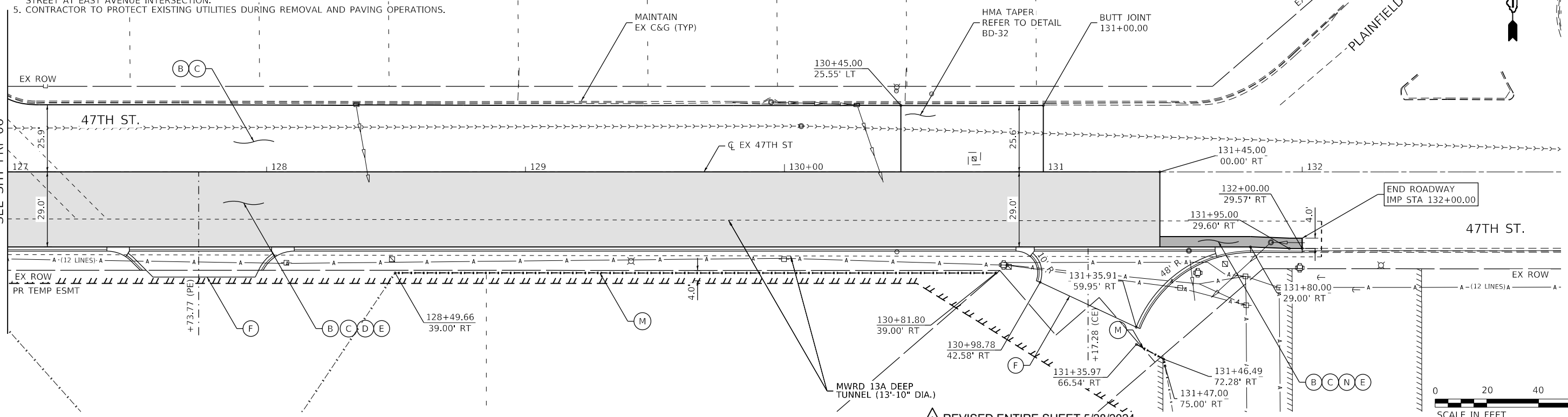
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	65
CONTRACT NO. 62F11				

ILLINOIS FED. AID PROJECT

NOTES:

- FOR PR ROADWAY PAVEMENT STRUCTURE, REFER TO TYPICAL SECTIONS.
- REFER TO ADA DETAIL SHEETS FOR PROPOSED EOP GEOMETRY INFORMATION AT INTERSECTIONS.
- REFER TO RETAINING WALL DETAIL SHEETS FOR THE SEGMENTAL BLOCK WALL AND CONCRETE RETAINING WALL INFORMATION.
- REFER TO INTERSECTION DETAIL SHEET FOR THE PROPOSED ROADWAY ELEVATIONS AT THE 47TH STREET AT EAST AVENUE INTERSECTION.
- CONTRACTOR TO PROTECT EXISTING UTILITIES DURING REMOVAL AND PAVING OPERATIONS.

MATCHLINE STA 127+00.00
SEE SHT PRF-06



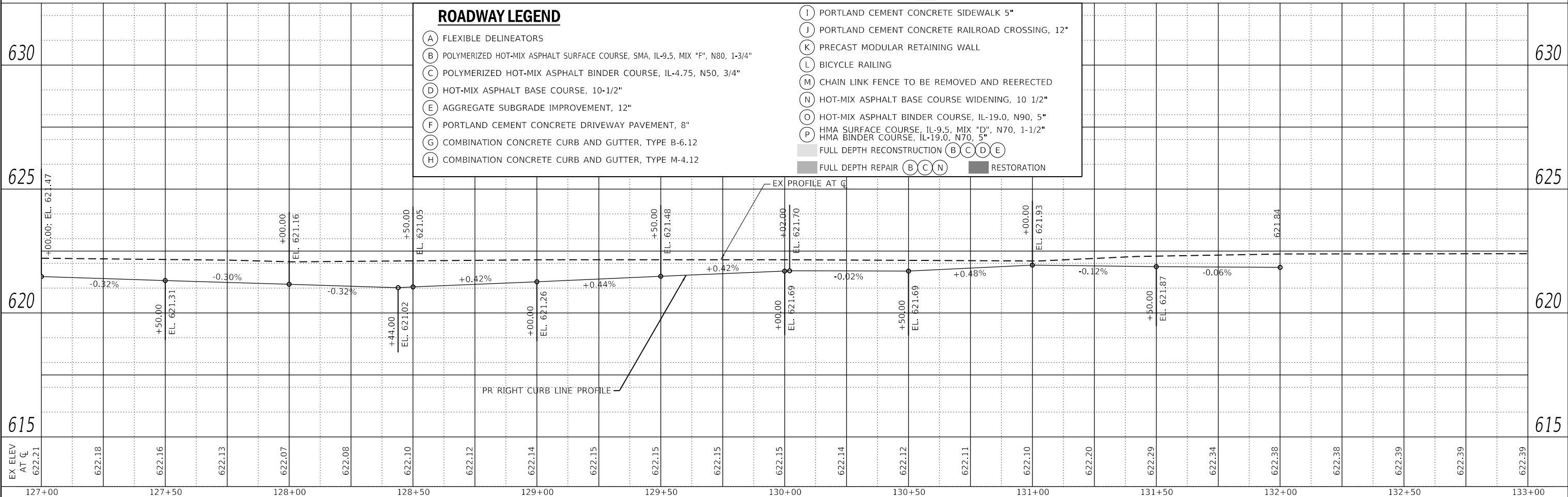
REVISD ENTIRE SHEET 5/28/2024

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	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION SHEET	
	NO.	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION SHEET	
	NO.	
	FILE NAME	
	NO.	

ROADWAY LEGEND

- (A) FLEXIBLE DELINEATORS
- (B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80, 1-3/4"
- (C) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- (D) HOT-MIX ASPHALT BASE COURSE, 10-1/2"
- (E) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (F) PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
- (I) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (J) PORTLAND CEMENT CONCRETE RAILROAD CROSSING, 12"
- (K) PRECAST MODULAR RETAINING WALL
- (L) BICYCLE RAILING
- (M) CHAIN LINK FENCE TO BE REMOVED AND REERECTED
- (N) HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2"
- (O) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 5"
- (P) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- HMA BINDER COURSE, IL-19.0, N70, 5"
- FULL DEPTH RECONSTRUCTION (B C D E)
- FULL DEPTH REPAIR (B C N)
- RESTORATION



USER NAME	= mjablonowska
DESIGNED	- TS
DRAWN	- TS
CHECKED	- CLG
DATE	- 3/5/2024

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST AVENUE AT 47TH STREET
ROADWAY PLAN AND PROFILE

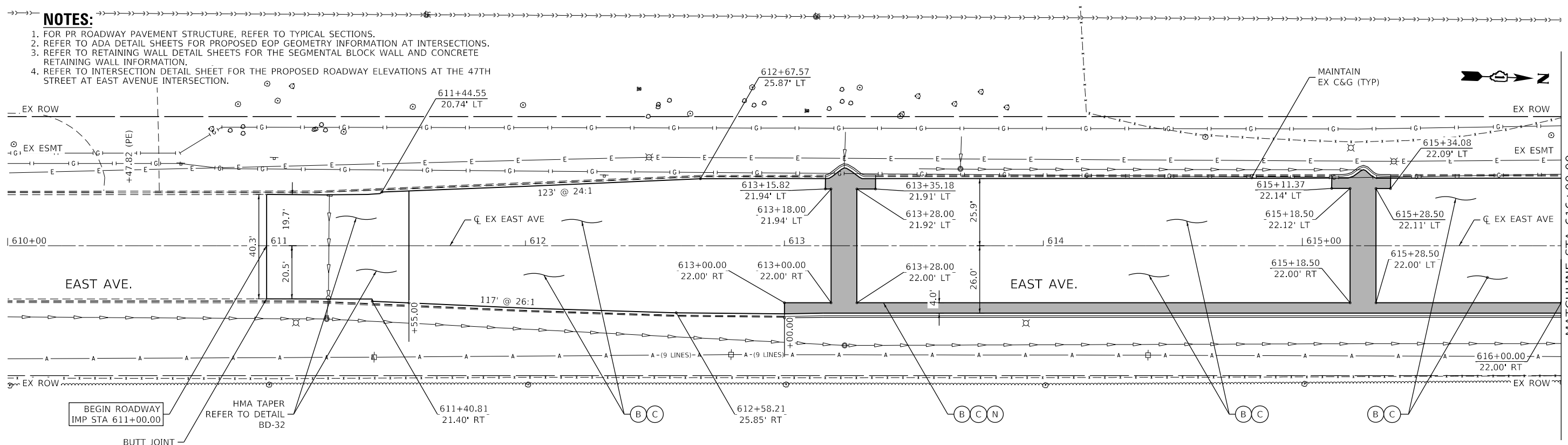
SCALE: 1"=20' SHEET 7 OF 11 SHEETS STA. 127+00 TO STA. 133+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	66
CONTRACT NO. 62F11				

ILLINOIS FED. AID PROJECT

NOTES:

- FOR PR ROADWAY PAVEMENT STRUCTURE, REFER TO TYPICAL SECTIONS.
- REFER TO ADA DETAIL SHEETS FOR PROPOSED EOP GEOMETRY INFORMATION AT INTERSECTIONS.
- REFER TO RETAINING WALL DETAIL SHEETS FOR THE SEGMENTAL BLOCK WALL AND CONCRETE RETAINING WALL INFORMATION.
- REFER TO INTERSECTION DETAIL SHEET FOR THE PROPOSED ROADWAY ELEVATIONS AT THE 47TH STREET AT EAST AVENUE INTERSECTION.



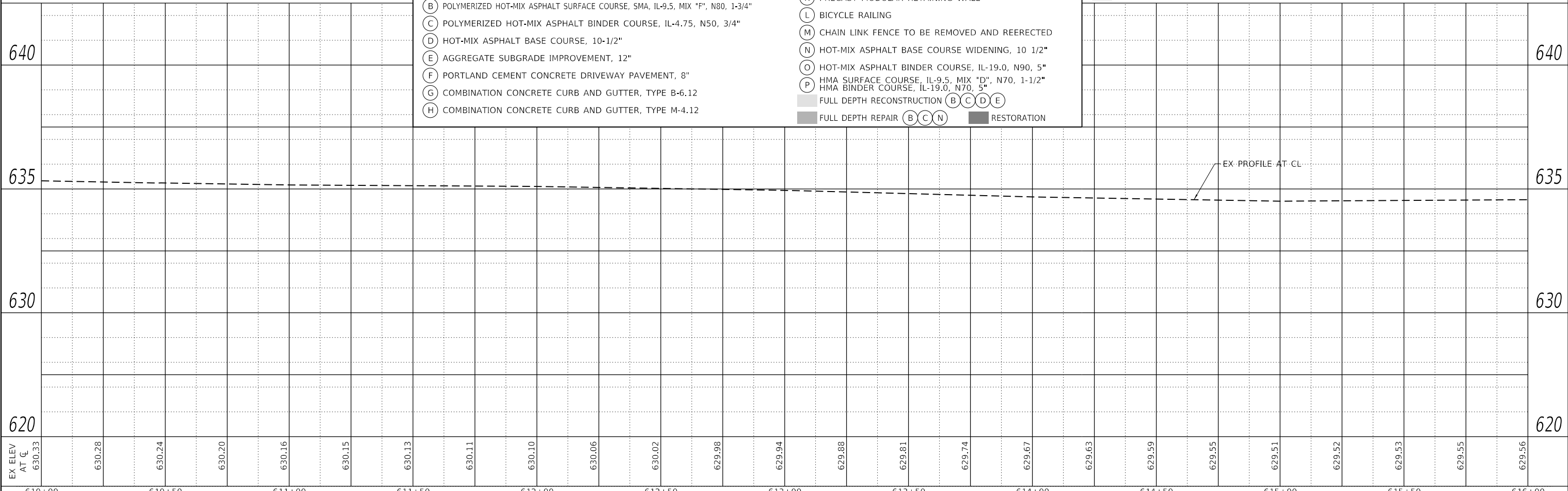
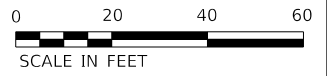
BEGIN ROADWAY
IMP STA 611+00.00
BUTT JOINT

HMA TAPER
REFER TO DETAIL
BD-32

ROADWAY LEGEND

- (A) FLEXIBLE DELINEATORS
- (B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80, 1-3/4"
- (C) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- (D) HOT-MIX ASPHALT BASE COURSE, 10-1/2"
- (E) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (F) PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
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- (J) PORTLAND CEMENT CONCRETE RAILROAD CROSSING, 12"
- (K) PRECAST MODULAR RETAINING WALL
- (L) BICYCLE RAILING
- (M) CHAIN LINK FENCE TO BE REMOVED AND REERECTED
- (N) HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2"
- (O) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 5"
- (P) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
HMA BINDER COURSE, IL-19.0, N70, 5"
- FULL DEPTH RECONSTRUCTION (B)(C)(D)(E)
- FULL DEPTH REPAIR (B)(C)(N) ■ RESTORATION

REVISI... ENTIRE SHEET 5/28/2024



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BY	
PLAN	
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PLOTTED	
ALIGNMENT CHECKED	
NOTE BOOK	
NO.	
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SURVEYED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK	
NO.	
STRUCTURE NOTATION SHEET	
NO.	

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USER NAME = mjablonowska	DESIGNED - TS	REVISED -
	DRAWN - TS	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - CLG	REVISED -
PLOT DATE = 4/29/2024	DATE - 3/5/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

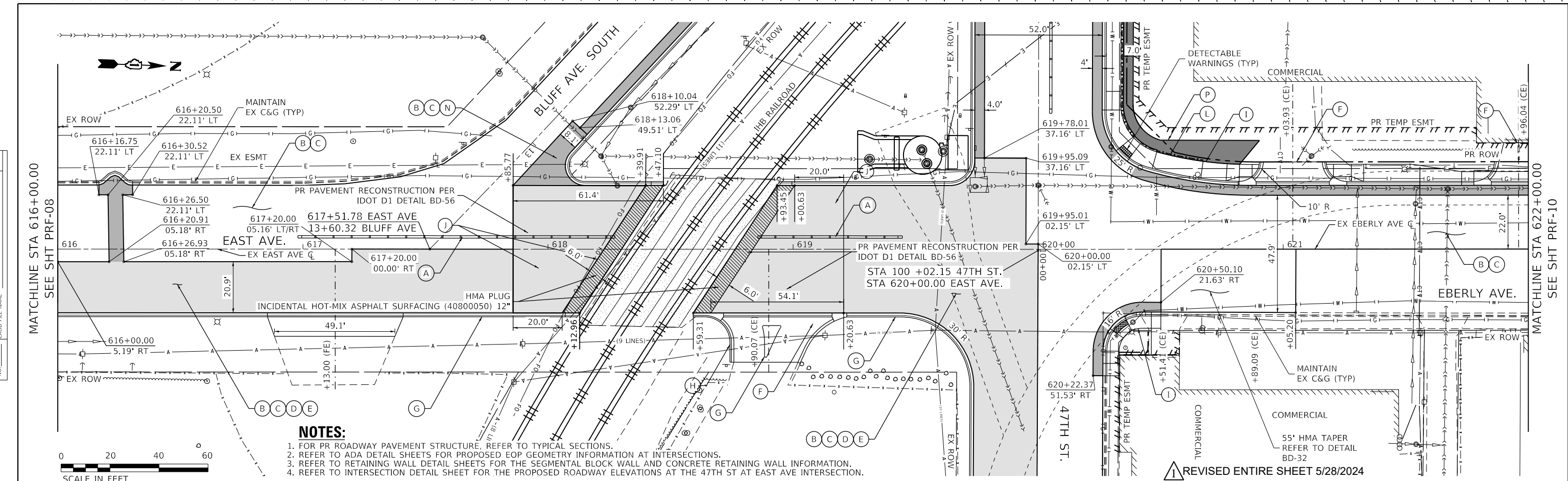
EAST AVENUE AT 47TH STREET
ROADWAY PLAN AND PROFILE

SCALE: 1"=20' SHEET 8 OF 11 SHEETS STA. 610+00 TO STA. 616+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	67
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

DATE	
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PLAN	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
	NOTE BOOK
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	FILE NAME
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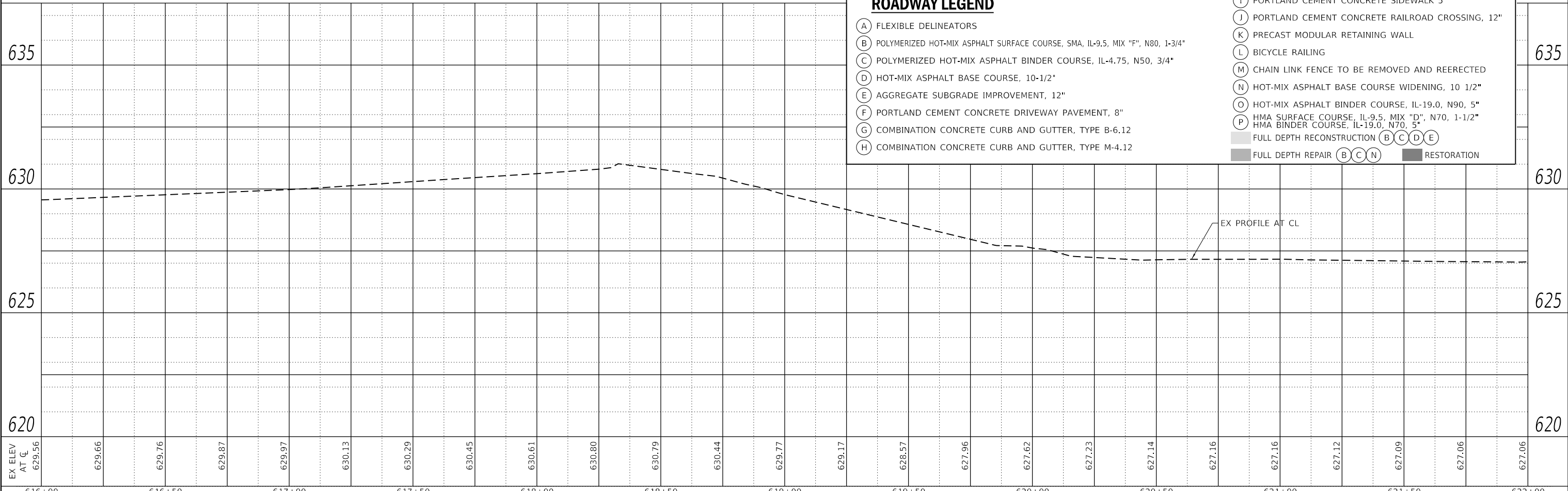
DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	NOTE BOOK
	NO.
	STRUCTURE
	NOTATION
	REVISED



- NOTES:**
1. FOR PR ROADWAY PAVEMENT STRUCTURE, REFER TO TYPICAL SECTIONS.
 2. REFER TO ADA DETAIL SHEETS FOR PROPOSED EOP GEOMETRY INFORMATION AT INTERSECTIONS.
 3. REFER TO RETAINING WALL DETAIL SHEETS FOR THE SEGMENTAL BLOCK WALL AND CONCRETE RETAINING WALL INFORMATION.
 4. REFER TO INTERSECTION DETAIL SHEET FOR THE PROPOSED ROADWAY ELEVATIONS AT THE 47TH ST AT EAST AVE INTERSECTION.



ROADWAY LEGEND	
(A)	FLEXIBLE DELINEATORS
(B)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80, 1-3/4"
(C)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
(D)	HOT-MIX ASPHALT BASE COURSE, 10-1/2"
(E)	AGGREGATE SUBGRADE IMPROVEMENT, 12"
(F)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
(G)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
(H)	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
(I)	PORTLAND CEMENT CONCRETE SIDEWALK 5"
(J)	PORTLAND CEMENT CONCRETE RAILROAD CROSSING, 12"
(K)	PRECAST MODULAR RETAINING WALL
(L)	BICYCLE RAILING
(M)	CHAIN LINK FENCE TO BE REMOVED AND REERECTED
(N)	HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2"
(O)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 5"
(P)	HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2" HMA BINDER COURSE, IL-19.0, N70, 5"
(B C D E)	FULL DEPTH RECONSTRUCTION
(B C N)	FULL DEPTH REPAIR
(B C N)	RESTORATION

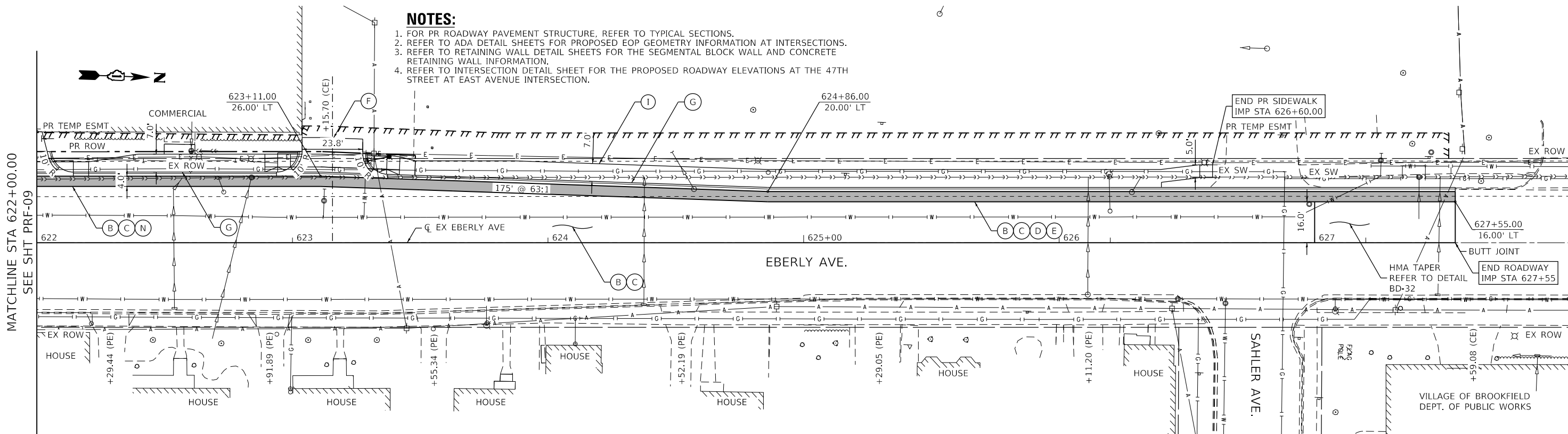


EX ELEV AT CL	629.56	629.66	629.76	629.87	629.97	630.13	630.29	630.45	630.61	630.80	630.79	630.44	629.77	629.17	628.57	627.96	627.62	627.23	627.14	627.16	627.16	627.12	627.09	627.06	627.06
STATION	616+00	616+50	617+00	617+50	618+00	618+50	619+00	619+50	620+00	620+50	621+00	621+50	622+00												

	USER NAME = mjablonowska	DESIGNED - TS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EAST AVENUE AT 47TH STREET ROADWAY PLAN AND PROFILE	F.A.U. RTE. = 2719	SECTION = 3212TS-RR	COUNTY = COOK	TOTAL SHEETS = 336	SHEET NO. = 68
	PLOT SCALE = 40,0000' / in.	CHECKED - CLG	REVISED -			SCALE: 1"=20'	SHEET 9 OF 11 SHEETS	STA. 616+00 TO STA. 622+00	ILLINOIS FED. AID PROJECT	CONTRACT NO. 62F11
	PLOT DATE = 4/29/2024	DATE = 3/5/2024	REVISED -							PRF-09

NOTES:

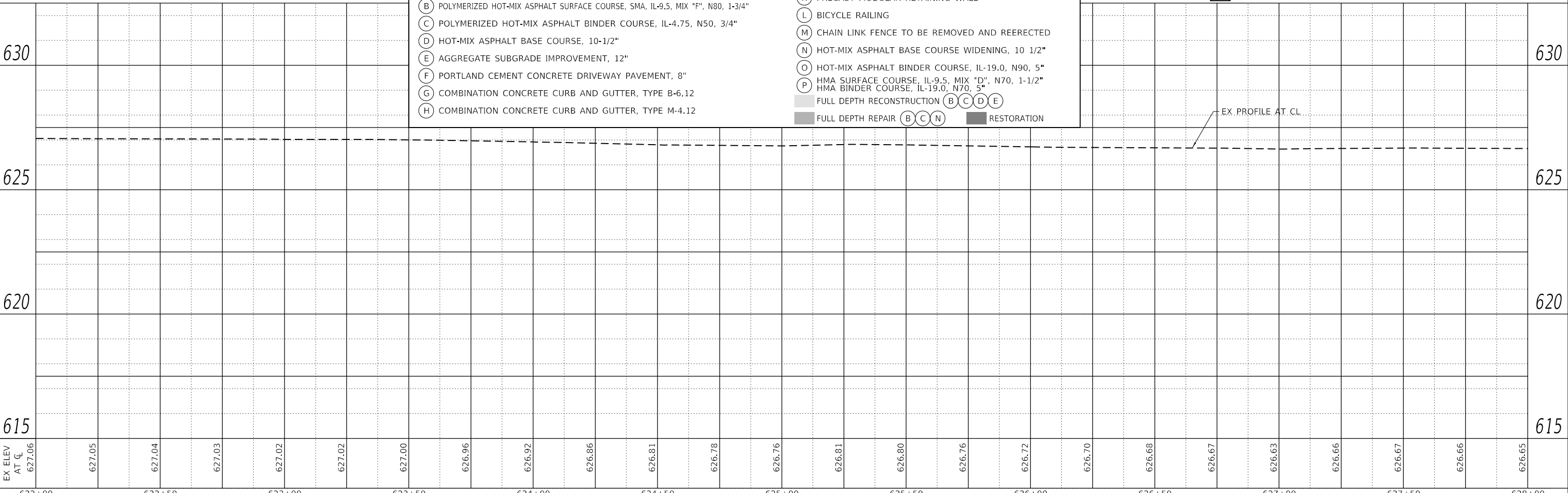
1. FOR PR ROADWAY PAVEMENT STRUCTURE, REFER TO TYPICAL SECTIONS.
2. REFER TO ADA DETAIL SHEETS FOR PROPOSED EOP GEOMETRY INFORMATION AT INTERSECTIONS.
3. REFER TO RETAINING WALL DETAIL SHEETS FOR THE SEGMENTAL BLOCK WALL AND CONCRETE RETAINING WALL INFORMATION.
4. REFER TO INTERSECTION DETAIL SHEET FOR THE PROPOSED ROADWAY ELEVATIONS AT THE 47TH STREET AT EAST AVENUE INTERSECTION.



ROADWAY LEGEND

- | | |
|---|--|
| (A) FLEXIBLE DELINEATORS | (I) PORTLAND CEMENT CONCRETE SIDEWALK 5" |
| (B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80, 1-3/4" | (J) PORTLAND CEMENT CONCRETE RAILROAD CROSSING, 12" |
| (C) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4" | (K) PRECAST MODULAR RETAINING WALL |
| (D) HOT-MIX ASPHALT BASE COURSE, 10-1/2" | (L) BICYCLE RAILING |
| (E) AGGREGATE SUBGRADE IMPROVEMENT, 12" | (M) CHAIN LINK FENCE TO BE REMOVED AND REERECTED |
| (F) PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8" | (N) HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2" |
| (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | (O) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 5" |
| (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12 | (P) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2" |
| | ■ FULL DEPTH RECONSTRUCTION (B)(C)(D)(E) |
| | ■ FULL DEPTH REPAIR (B)(C)(N) ■ RESTORATION |

▲ REVISED ENTIRE SHEET 5/28/2024



PLAN

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

PROFILE

DATE	
BY	
DESIGNED	
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DATE	

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USER NAME =	mjablonowska
DESIGNED -	TS
DRAWN -	TS
CHECKED -	CLG
DATE -	3/5/2024

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EAST AVENUE AT 47TH STREET
ROADWAY PLAN AND PROFILE**

SCALE: 1"=20' SHEET 10 OF 11 SHEETS STA. 622+00 TO STA. 628+00

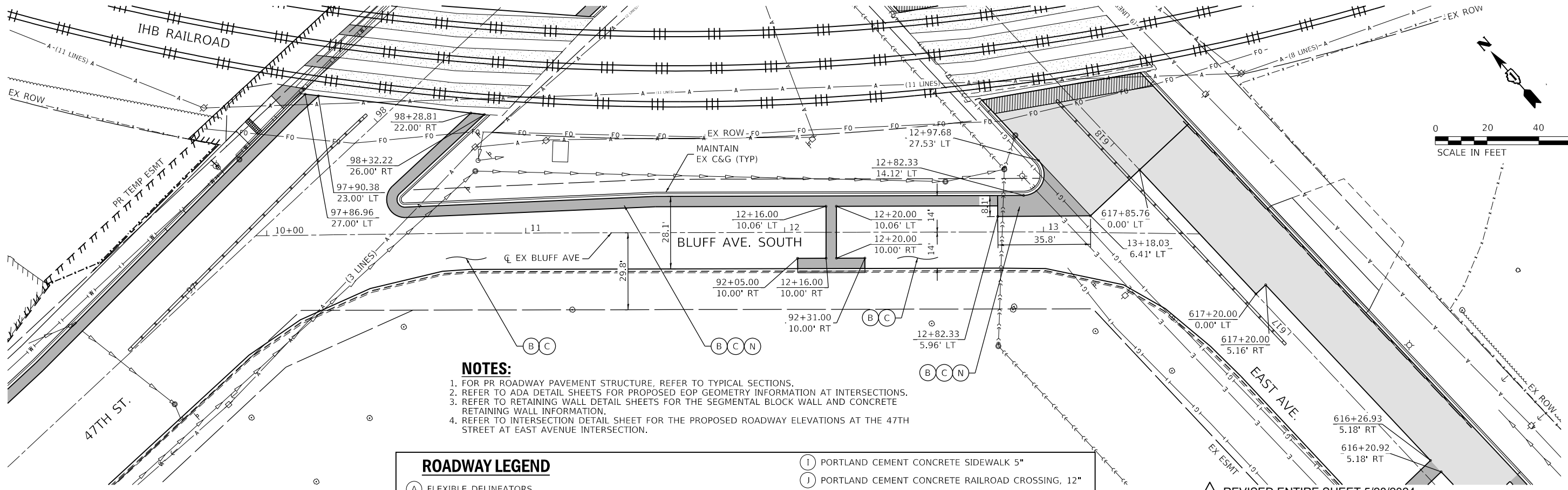
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	69
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

DATE	
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ALIGNMENT CHECKED	
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NOTE BOOK NO.	
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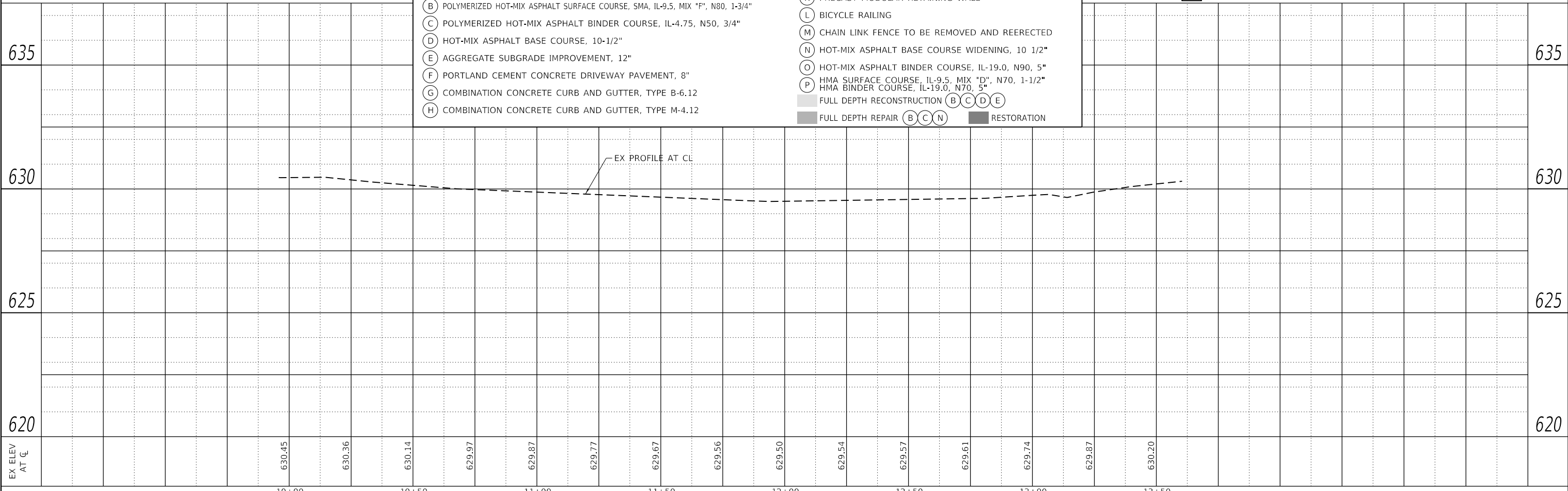


- NOTES:**
- FOR PR ROADWAY PAVEMENT STRUCTURE, REFER TO TYPICAL SECTIONS.
 - REFER TO ADA DETAIL SHEETS FOR PROPOSED EOP GEOMETRY INFORMATION AT INTERSECTIONS.
 - REFER TO RETAINING WALL DETAIL SHEETS FOR THE SEGMENTAL BLOCK WALL AND CONCRETE RETAINING WALL INFORMATION.
 - REFER TO INTERSECTION DETAIL SHEET FOR THE PROPOSED ROADWAY ELEVATIONS AT THE 47TH STREET AT EAST AVENUE INTERSECTION.

ROADWAY LEGEND

(A) FLEXIBLE DELINEATORS	(I) PORTLAND CEMENT CONCRETE SIDEWALK 5"
(B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80, 1-3/4"	(J) PORTLAND CEMENT CONCRETE RAILROAD CROSSING, 12"
(C) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"	(K) PRECAST MODULAR RETAINING WALL
(D) HOT-MIX ASPHALT BASE COURSE, 10-1/2"	(L) BICYCLE RAILING
(E) AGGREGATE SUBGRADE IMPROVEMENT, 12"	(M) CHAIN LINK FENCE TO BE REMOVED AND REERECTED
(F) PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"	(N) HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2"
(G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	(O) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 5"
(H) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	(P) HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
	HMA BINDER COURSE, IL-19.0, N70, 5"
	■ FULL DEPTH RECONSTRUCTION (B)(C)(D)(E)
	■ FULL DEPTH REPAIR (B)(C)(N) ■ RESTORATION

REVISI 1 REVISI 2 REVISI 3 REVISI 4 REVISI 5 REVISI 6 REVISI 7 REVISI 8 REVISI 9 REVISI 10 REVISI 11 REVISI 12 REVISI 13 REVISI 14 REVISI 15 REVISI 16 REVISI 17 REVISI 18 REVISI 19 REVISI 20 REVISI 21 REVISI 22 REVISI 23 REVISI 24 REVISI 25 REVISI 26 REVISI 27 REVISI 28 REVISI 29 REVISI 30 REVISI 31 REVISI 32 REVISI 33 REVISI 34 REVISI 35 REVISI 36 REVISI 37 REVISI 38 REVISI 39 REVISI 40 REVISI 41 REVISI 42 REVISI 43 REVISI 44 REVISI 45 REVISI 46 REVISI 47 REVISI 48 REVISI 49 REVISI 50



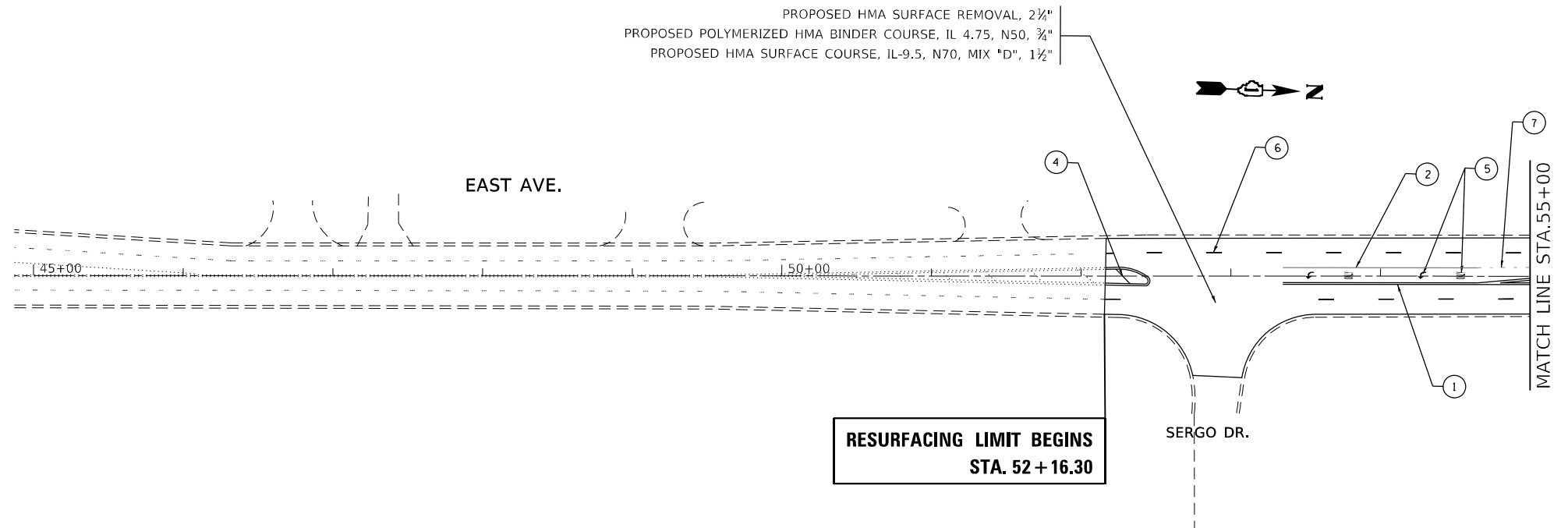
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PLLOT DATE = 4/29/2024	CHECKED - CLG	REVISI -
	DATE - 3/5/2024	REVISI -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST AVENUE AT 47TH STREET
ROADWAY PLAN AND PROFILE

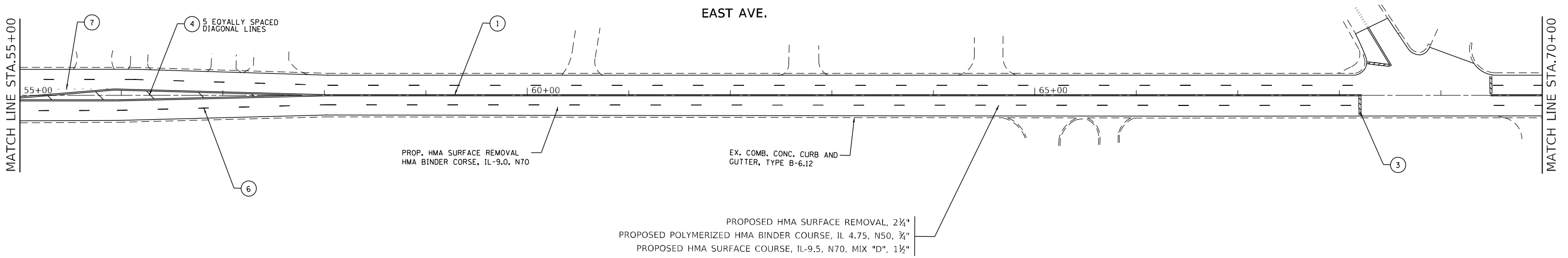
SCALE: 1"=20' SHEET 11 OF 11 SHEETS STA. 9+95.70 TO STA. 13+60.32

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	70
			CONTRACT NO. 62F11	
ILLINOIS FED. AID PROJECT				



**RESURFACING LIMIT BEGINS
STA. 52 + 16.30**

PAVEMENT MARKING LEGEND	
① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)	⑤ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS, SOLID WHITE (TYP.)
② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)	⑥ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
③ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)	⑦ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.)
④ THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL SOLID YELLOW LINE	



1

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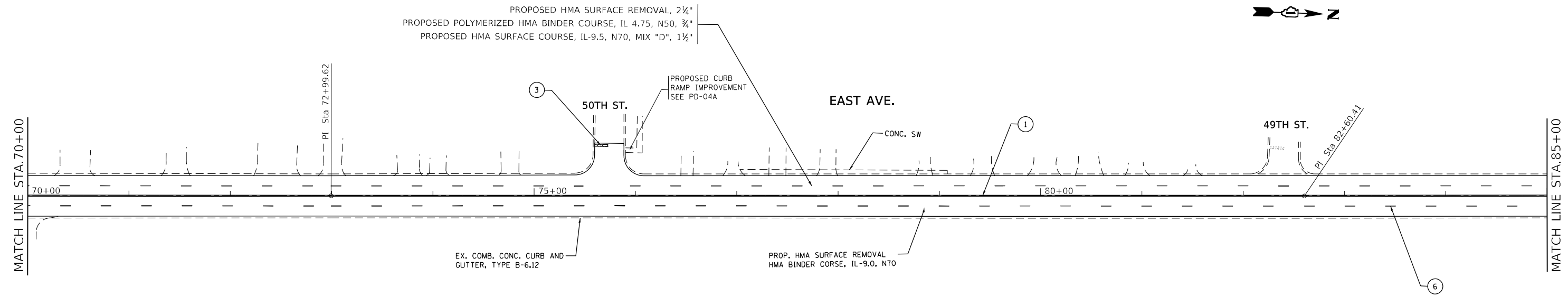
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

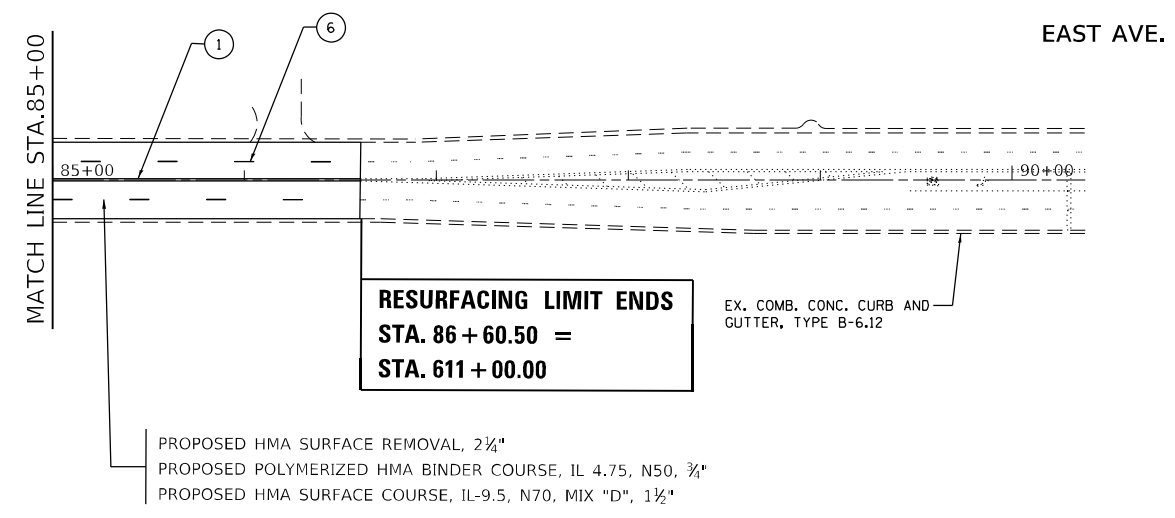
EAST AVENUE AT 47TH STREET EAST AVENUE RESURFACING PLANS	
SCALE: 1" = 50'	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2719	SECTION 3212T5-RR	COUNTY COOK	TOTAL SHEETS 336	SHEET NO. 71
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- | | |
|---|--|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | ⑤ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS, SOLID WHITE (TYP.) |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.) | ⑥ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.) |
| ③ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.) | ⑦ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE | |



RESURFACING LIMIT ENDS
STA. 86 + 60.50 =
STA. 611 + 00.00



⚠️ REVISED ENTIRE SHEET 5/28/2024

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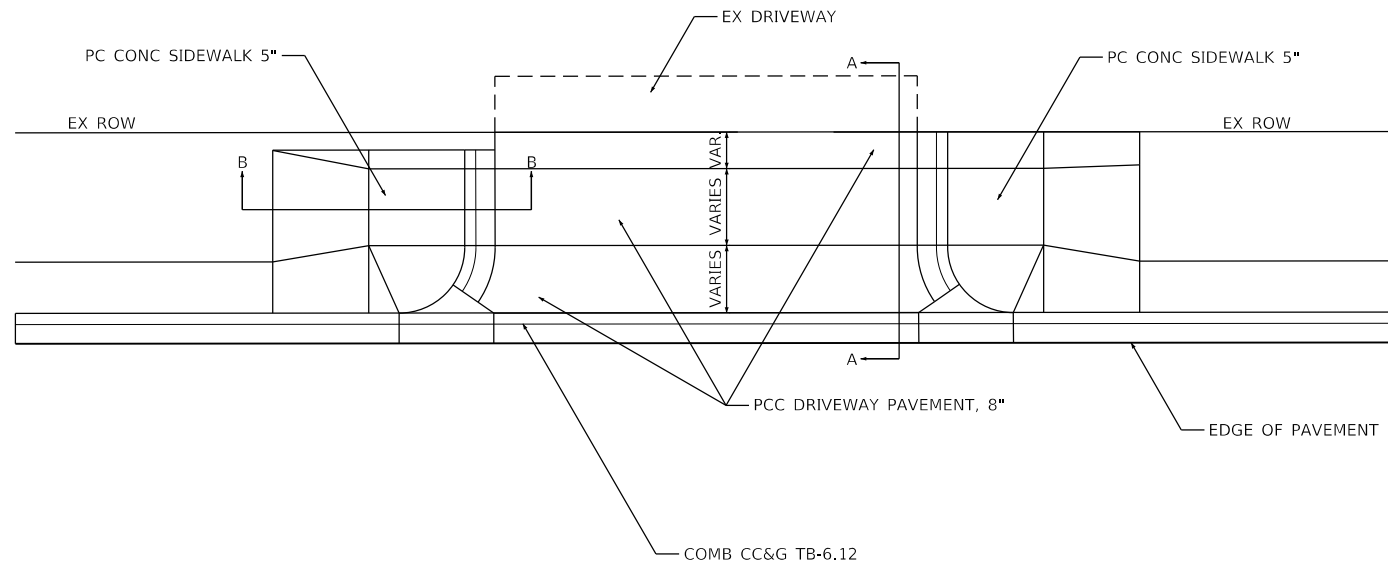
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST AVENUE AT 47TH STREET
EAST AVENUE RESURFACING PLANS

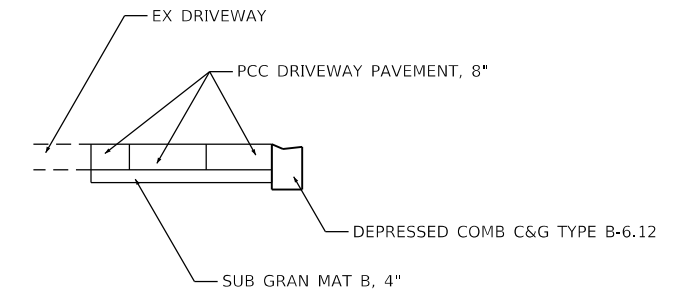
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				



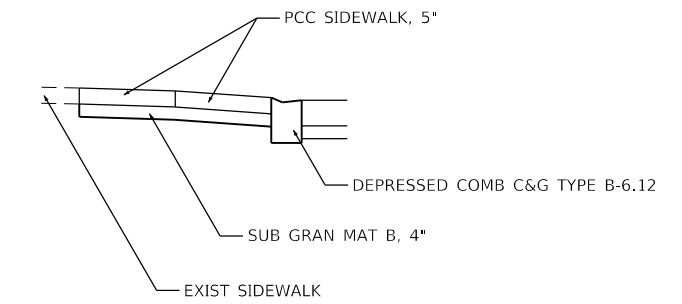
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N.T.S. - SEE PLANS FOR LOCATIONS



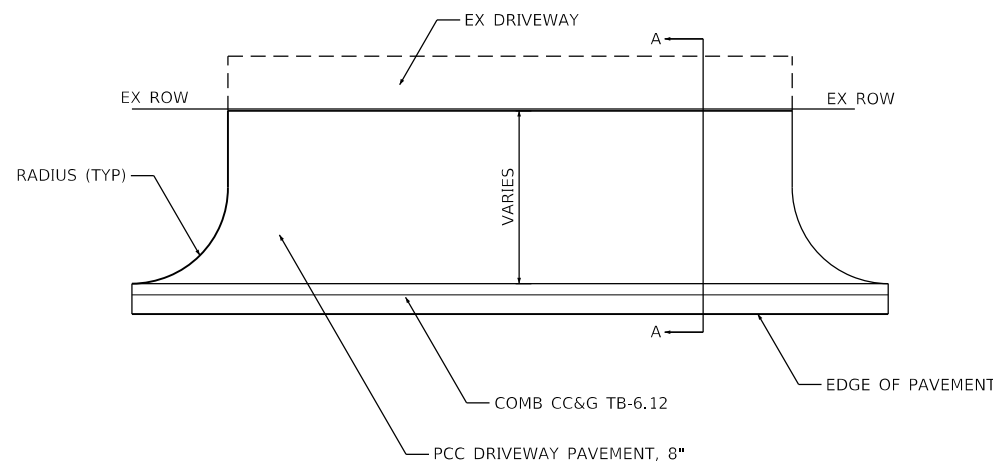
SECTION A-A

N.T.S. - SEE CROSS SECTIONS FOR GRADES



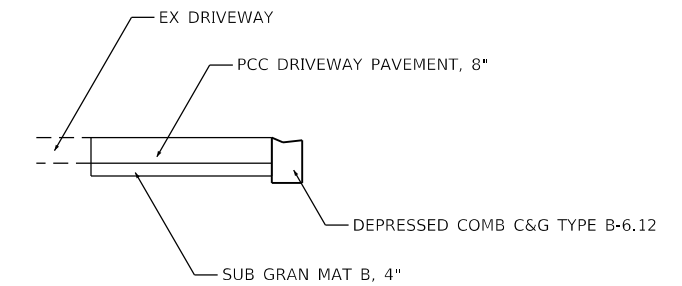
SECTION B-B

N.T.S. - SEE CROSS SECTIONS FOR GRADES



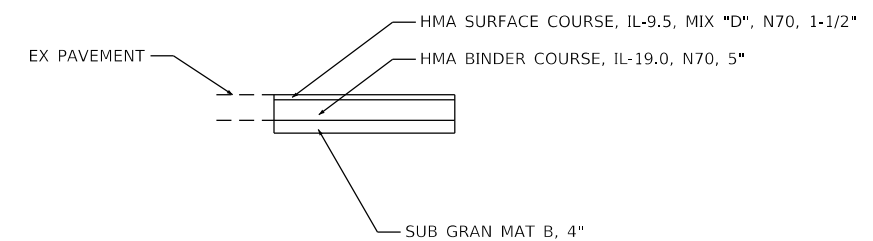
COMMERCIAL DRIVEWAY

N.T.S. - SEE PLANS FOR LOCATIONS



SECTION A-A

N.T.S. - SEE CROSS SECTIONS FOR GRADES



RESTORATION AREAS

N.T.S. - SEE CROSS SECTIONS FOR GRADES



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USER NAME = mjablonska	DESIGNED - TS	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EAST AVENUE AT 47TH STREET
DRIVEWAY DETAIL**

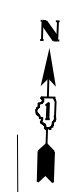
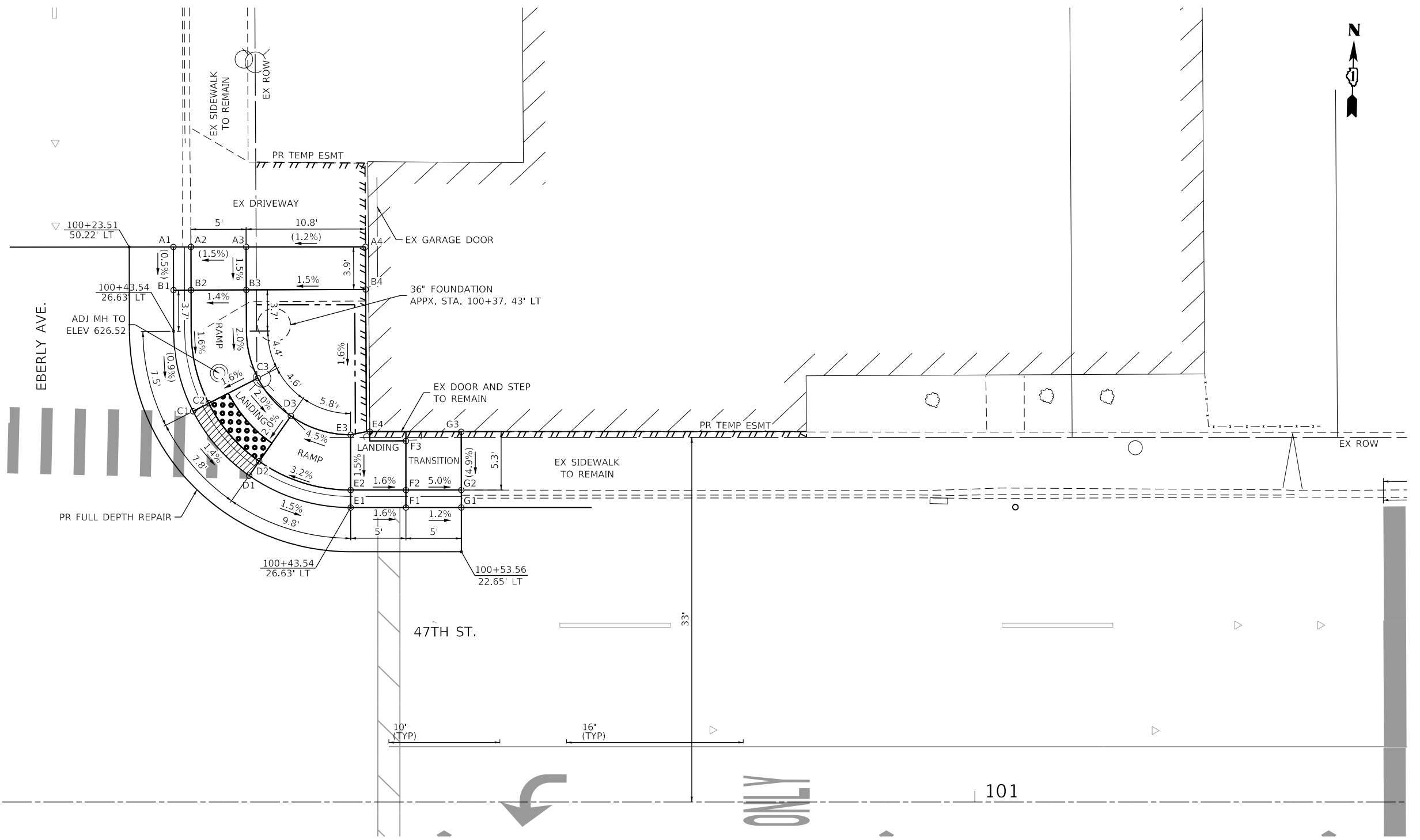
SCALE: SHEET OF SHEETS STA. TO STA.

REVISED ENTIRE SHEET 5/28/2024

DWY-01

F.A.U. RTE. 2719	SECTION 3212TS-RR	COUNTY COOK	TOTAL SHEETS 336	SHEET NO. 73
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F11	

POINT	STATION	OFFSET	ELEV
A1	100+27.51	50.22' LT	(626.61)
A2	100+29.09	50.22' LT	(626.70)
A3	100+34.09	50.23' LT	(626.78)
A4	100+44.88	50.24' LT	(626.90)
B1	100+27.52	46.32' LT	(626.59)
B2	100+29.11	46.32' LT	626.65
B3	100+34.11	46.34' LT	626.72
B4	100+44.90	46.38' LT	(626.88)
C1	100+29.29	35.36' LT	(626.49)
C2	100+30.66	36.06' LT	626.48
C3	100+35.15	38.35' LT	626.56
D1	100+34.36	29.53' LT	626.38
D2	100+35.27	30.83' LT	626.37
D3	100+38.14	34.93' LT	626.47
E1	100+43.54	26.64' LT	626.23
E2	100+43.54	28.23' LT	626.65
E3	100+43.54	33.23' LT	626.73
E4	100+45.28	33.51' LT	(626.68)
F1	100+48.54	26.64' LT	(626.15)
F2	100+48.54	28.23' LT	626.57
F3	100+48.54	32.67' LT	626.63
G1	100+53.55	26.65' LT	(626.09)
G2	100+53.55	28.23' LT	(626.32)
G3	100+53.54	33.50' LT	(626.58)



620+00
100+00

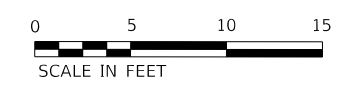
EBERLY AVE AT 47TH STREET

ONLY

101

ADA LEGEND

- DETECTABLE WARNING (42400800)
- DEPRESSED CURB AND GUTTER
- PROPOSED SIDE CURB
- (X.XX%) EXISTING SLOPE
- (XX.XX) EXISTING ELEVATION



REVISION SYMBOL (triangle with exclamation mark) REVISED ENTIRE SHEET 5/28/2024

ADA-03



USER NAME = mjablonowska	DESIGNED - TS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - TS	REVISED -
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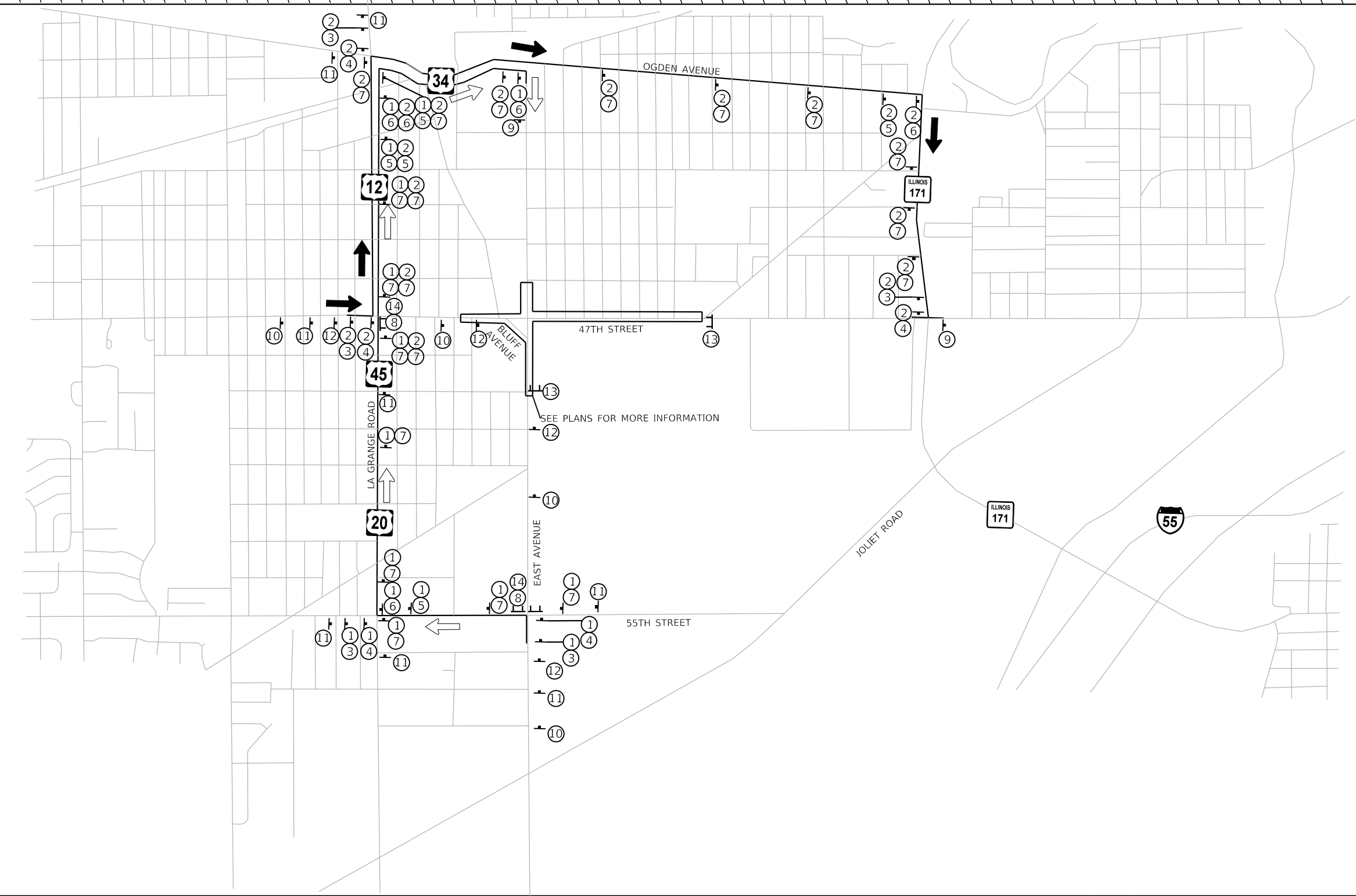
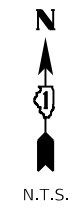
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS

SCALE: 1"=5' SHEET 3 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	83
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

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NOTES

1. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
2. A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE CLOSURES ON EAST AVENUE AND 47TH STREET, THE CONTRACTOR SHALL PLACE ONE (1) PORTABLE CHANGEABLE MESSAGE SIGN AT EACH END OF THE PROJECT AS DIRECTED AND AT A LOCATION DESIGNATED BY THE ENGINEER TO INFORM MOTORISTS OF THE UPCOMING CLOSURES. THE MESSAGE SHALL BE APPROVED BY THE ENGINEER. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR DAY FOR CHANGEABLE MESSAGE SIGN.

LEGEND

NORTH M3-1-2412	EAST M3-2-2412	DETOUR M4-9L-3024	DETOUR M4-9R-3024	DETOUR M4-9-3024	DETOUR M4-9L-4818	END DETOUR M4-8A	ROAD CLOSED AHEAD W20-3-4848	DETOUR AHEAD W20-2-4848	ROAD CLOSED 500 FT W20-3-4848	ROAD CLOSED R11-2-4830	ROAD CLOSED TO THRU TRAFFIC R11-4-6030	
①*	②*	③	④	⑤	⑧	⑨	⑩	⑪	⑫**	⑬	⑭	NB DETOUR ROUTE EB DETOUR ROUTE TYPE 3 BARRICADE

NOTES

- * STREET NAME SIGN: SPECIAL 24"x18" VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND
- **ONLY USE LIGHT REFLECTOR WHEN USED IN PARTIALLY CLOSED PORTION PER DISTRICT 1 STANDARD TC-21
- DETOUR SIGN SPACING PER DISTRICT 1 STANDARD TC-21
- TEMPORARY TRAFFIC SIGNAL TIMING IS REQUIRED AT THE FOLLOWING INTERSECTIONS:
55TH STREET & LA GRANGE ROAD
LA GRANGE ROAD & OGDEN AVENUE
OGDEN AVENUE & IL 171

REVISED ENTIRE SHEET 5/28/2024

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USER NAME = ElzwillE	DESIGNED - NWS	REVISED -
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PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE 1 PARTIAL DETOUR PLAN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	98
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

DET-01

SEQUENCE OF CONSTRUCTION

PRE-STAGE CONSTRUCTION (NOT SHOWN ON PLANS):

1. PLACE CONSTRUCTION SIGNS, TEMPORARY BARRIERS, AND TEMPORARY STRIPING. UTILIZE STANDARDS 701606-10 & 701701-10.

NOTE: ALL RAILROAD CROSSING EQUIPMENT INSTALLATION, REMOVAL, AND REPLACEMENT IS THE RESPONSIBILITY OF THE RAILROAD.

STAGE 1 CONSTRUCTION:

1. REMOVE THE PAVEMENT ON THE EASTBOUND LANES OF THE EAST LEG OF 47TH STREET.
2. INSTALL TEMPORARY SOIL RETENTION SYSTEM AS SHOWN ON THE DRAINAGE PLANS.
3. INSTALL THE BOX CULVERT ON THE EAST LEG OF 47TH STREET AND CONSTRUCT JUNCTION CHAMBER IN SOUTHEAST QUADRANT OF 47TH STREET AND EAST AVENUE INTERSECTION.
4. REMOVE THE PAVEMENT ON THE NORTHBOUND LANES OF THE SOUTH LEG OF EAST AVENUE.
5. INSTALL STORM SEWER ON THE SOUTH LEG OF EAST AVENUE.
6. INSTALL TRAFFIC SIGNAL FOUNDATIONS.
7. RECONSTRUCT THE PAVEMENT ON THE EASTBOUND LANES OF THE EAST LEG OF 47TH STREET AND NORTHBOUND LANES OF THE SOUTH LEG OF EAST AVENUE.
8. INSTALL TEMPORARY CROSSING GATE FOR EASTBOUND TRAFFIC ON WEST LEG OF 47TH STREET.
9. COORDINATE WITH THE IHB RAILROAD TO REMOVE AND REPLACE THE RAILROAD CROSSING GATES AND PEDESTRIAN GATES FOR EASTBOUND TRAFFIC ON THE WEST LEG OF 47TH STREET AND NORTHBOUND TRAFFIC ON THE SOUTH LEG OF EAST AVENUE.
10. FINALIZE PERMANENT GRADING.

STAGE 1 TRAFFIC:

DETOUR THE THRU LANES FOR EASTBOUND 47TH STREET AND NORTHBOUND EAST AVENUE AS SHOWN IN THE PLANS. TRAFFIC HEADING EASTBOUND ON 47TH STREET WILL BE REROUTED NORTHBOUND ONTO US12/20/45 (LA GRANGE ROAD), EASTBOUND ONTO US 34 (OGDEN AVENUE), THEN SOUTHBOUND ONTO IL 171 (1ST AVENUE). TRAFFIC HEADING NORTHBOUND ON EAST AVENUE WILL BE REROUTED WESTBOUND ONTO 55TH STREET, NORTHBOUND ONTO US 12/20/45 (LAGRANGE ROAD), THEN EASTBOUND ON US 34 (OGDEN AVENUE).

THE RIGHT AND LEFT TURN LANES ON THE WEST LEG OF 47TH STREET WILL BE AVAILABLE FOR USE TO ACCESS EAST AVENUE. THE LEFT TURN LANE ON THE NORTH LEG OF EAST AVENUE WILL BE CLOSED AS THERE WILL NOT BE ACCESS TO EASTBOUND 47TH STREET. BLUFF AVENUE WILL BE A ONE-WAY STREET FOR TRAFFIC TRAVELING EAST ON 47TH STREET TO ACCESS SOUTH EAST AVENUE. WESTBOUND 47TH STREET WILL BE REDUCED TO A SINGLE OUTSIDE LANE IN 500' INCREMENTS.

AT THE INTERSECTION OF 47TH STREET AND EAST AVENUE, A SUB-STAGE WILL BE REQUIRED TO CONSTRUCT THE JUNCTION CHAMBER INFLOW PIPES CROSSING THE SOUTHBOUND LANES OF EAST AVENUE IN THE SOUTHWEST QUADRANT OF THE INTERSECTION. RECONSTRUCT THE SOUTHEAST QUADRANT OF THE INTERSECTION AFTER CONSTRUCTING THE JUNCTION CHAMBER AND SHIFT SOUTHBOUND TRAFFIC TO NORTHBOUND LANES UTILIZING STANDARD 701611. SHIFT TRAFFIC BACK TO SOUTHBOUND LANES PRIOR TO RAILROAD CROSSING. UTILIZE STRIPED MEDIAN TO ACCOMMODATE EASTBOUND TO NORTHBOUND LEFT TURN DURING SUB-STAGE. SEE DRAINAGE PLANS FOR ADDITIONAL INFORMATION.

STAGE 2A CONSTRUCTION:

1. INSTALL TEMPORARY CROSSING GATES FOR WESTBOUND TRAFFIC ON THE WEST LEG OF 47TH STREET AND SOUTHBOUND TRAFFIC ON THE SOUTH LEG OF EAST AVENUE.
2. COORDINATE WITH IHB RAILROAD TO REMOVE AND REPLACE RAILROAD CROSSING GATES AND PEDESTRIAN GATES FOR WESTBOUND TRAFFIC ON THE WEST LEG OF 47TH STREET AND SOUTHBOUND TRAFFIC ON THE SOUTH LEG OF EAST AVENUE.
3. REMOVE TEMPORARY CONCRETE BARRIER.
4. INSTALL PAVEMENT MARKING FOR NEXT STAGE OF CONSTRUCTION.

STAGE 2A TRAFFIC:

UTILIZE TEMPORARY CONCRETE BARRIER AS SHOWN ON THE PLANS.

STAGE 2B CONSTRUCTION:

1. INSTALL CURB AND GUTTER, SIDEWALK, RETAINING WALL, AND DRIVEWAYS.
2. FINALIZE PERMANENT GRADING.
3. INSTALL STORM SEWER LATERALS ON EAST AVENUE AND BLUFF AVENUE.

STAGE 2B TRAFFIC:

UTILIZE HIGHWAY STANDARD 701606-10 FOR TRAFFIC CONTROL AND PROTECTION TO COMPLETE THE CONSTRUCTION OF THE ROADSIDE IMPROVEMENTS. UTILIZE HIGHWAY STANDARD 701606-10 FOR LANE CLOSURES TO COMPLETE THE INSTALLATION OF STORM SEWER LATERALS ON BLUFF AVENUE. UTILIZE HIGHWAY STANDARD 701606-10 TO SHIFT TRAFFIC ON BLUFF AVENUE TO THE EXISTING NORTHWESTBOUND LANE TO COMPLETE THE INSTALLATION OF STORM SEWER LATERALS.

STAGE 3A CONSTRUCTION (NOT SHOWN ON PLANS):

1. MILL EXISTING PAVEMENT WITHIN THE RESURFACING LIMITS.
2. CONSTRUCT SURFACE COURSE AND POLYMERIZED BINDER COURSE ON ALL PAVEMENT WITHIN RESURFACING LIMITS. CONSTRUCT SURFACE COURSE ON ALL REMAINING PAVEMENT.
3. PLACE PERMANENT PAVEMENT MARKINGS AND SIGNS.
4. INSTALL FLEXIBLE DELINEATOR POSTS.

STAGE 3A TRAFFIC (NOT SHOWN ON PLANS):

TRAFFIC IS IN THE PROPOSED CONFIGURATION (SEE PAVEMENT MARKING PLANS). UTILIZE HIGHWAY STANDARD 701606-10 FOR TRAFFIC CONTROL AND PROTECTION DURING PAVING OPERATIONS, PAVEMENT MARKING PLACEMENT, AND INSTALLATION OF FLEXIBLE DELINEATOR POSTS.

STAGE 3B TRAFFIC (NOT SHOWN ON PLANS):

TRAFFIC IS IN THE PROPOSED CONFIGURATION. UTILIZE HIGHWAY STANDARD 701701-10 FOR TRAFFIC CONTROL AND PROTECTION DURING TRAFFIC SIGNAL INSTALLATION.



REVISD ENTIRE SHEET 5/28/2024

MOT-01



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
SEQUENCE OF CONSTRUCTION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	99
			CONTRACT NO. 62F11	
ILLINOIS FED. AID PROJECT				

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TRAFFIC CONTROL GENERAL NOTES

1. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.
2. PAVEMENT MARKING TAPE, TYPE IV (AND/OR TYPE III) SHOWN ON THE PLANS FOR ANY CONSTRUCTION STAGE THAT THE CONTRACTOR PROPOSES TO EXTEND OVER THE WINTER PERIOD SHALL MEAN MODIFIED URETHANE PAVEMENT MARKING AND WILL BE PAID FOR THEIR RESPECTIVE CONTRACT UNIT PRICE.
3. ALL EXISTING RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS LOCATED WITHIN TEMPORARY LANE CLOSURE TAPERS, LANE SHIFT TAPERS OR IN LOCATIONS THAT CONFLICT WITH THE TEMPORARY PAVEMENT MARKING TAPE USED FOR STAGING SHALL BE REMOVED IF THE STAGING WILL REMAIN IN PLACE FOR MORE THAN 14 DAYS.
4. TEMPORARY INFORMATION SIGNS ON TEMPORARY SUPPORTS SHALL BE PROVIDED FOR ALL COMMERCIAL DRIVEWAYS THAT ARE LOCATED WITHIN A WORK AREA. THIS WORK SHALL BE PAID FOR PER DISTRICT 1 DETAIL TC-26. THESE SIGNS SHALL BE RELOCATED AS REQUIRED FOR EACH CONSTRUCTION STAGE AND SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THIS SIGN RELOCATION WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR TEMPORARY INFORMATION SIGNING.
5. TEMPORARY CONCRETE BARRIER SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 704 OF THE IDOT STANDARD SPECIFICATIONS. ALL TEMPORARY CONCRETE BARRIER APPROACH AND DEPARTING END UNITS SHALL BE ANCHORED TO THE PAVEMENT USING SIX ANCHOR PINS AS SHOWN IN IDOT STANDARD 704001. PINNING OF ADDITIONAL BARRIER UNITS WITH THREE ANCHOR PINS ON THE TRAFFIC SIDE HOLES WITHIN THE INSTALLATION SHALL BE REQUIRED WHEN EQUIPMENT, VEHICLES, MATERIALS, FIXED OBJECTS, OR A DROP-OFF IS LOCATED WITHIN 24" BEHIND THE BARRIER. THE 24" OF CLEAR PAVEMENT MEASUREMENT SHALL BE FROM THE BASE OF THE NON-TRAFFIC SIDE OF THE BARRIER. TRAFFIC SIDE PINNED BARRIER SHALL HAVE A MINIMUM OF 6" OF CLEAR PAVEMENT BEHIND THE BARRIER. WHERE BOTH PINNED AND UNPINNED BARRIER UNITS ARE USED IN A CONTINUOUS INSTALLATION, A TRANSITION SHALL BE PROVIDED BETWEEN THEM. THE TRANSITION FROM PINNED TO UNPINNED BARRIER SHALL CONSIST OF TWO ANCHOR PINS INSTALLED IN THE END HOLES ON THE TRAFFIC SIDE OF THE FIRST BARRIER BEYOND THE PINNED SECTION AND ONE ANCHOR PIN INSTALLED IN THE MIDDLE HOLE OF THE TRAFFIC SIDE OF THE SECOND BARRIER BEYOND THE PINNED SECTION. THE THIRD BARRIER BEYOND THE PINNED SECTION SHALL THEN BE UNPINNED.
6. DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. TEMPORARY CONCRETE BARRIER WALL IS SHOWN ON THE PLANS WHERE THE DROP-OFF REQUIREMENTS FOR USING BARRICADES CANNOT BE MET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE DROP-OFFS ALONG THE REMAINING AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES. THIS MAY REQUIRE THE CONTRACTOR TO REPLACE OR PLACE SUFFICIENT MATERIAL IN THE EXCAVATION TO REDUCE THE DROP-OFF TO BE COMPLIANT WITH THE REQUIREMENTS FOR USE OF BARRICADES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT.
7. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL ROAD CLOSURE, TRAFFIC STAGE CHANGES, AND NEW TRAFFIC SIGNAL TURN-ON EVENTS ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE (DETERMINED BY THE ENGINEER) PLACED AS DIRECTED BY THE ENGINEER.

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	DRAWN - DVP	REVISED -
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PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

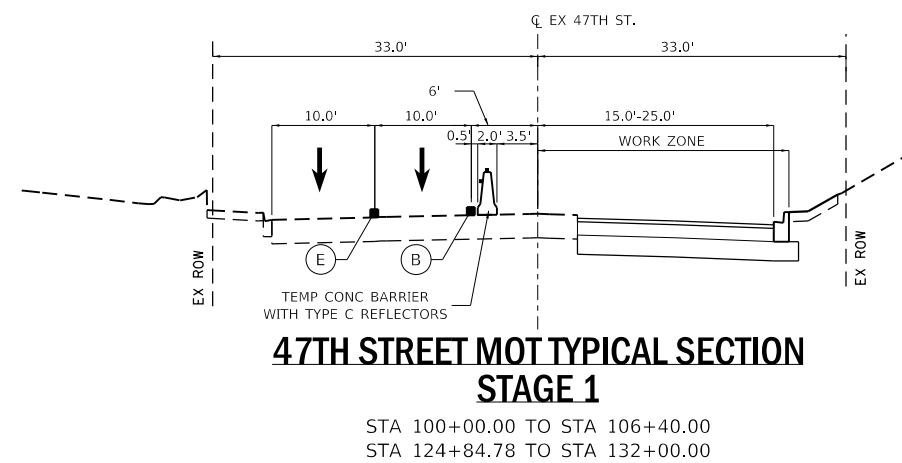
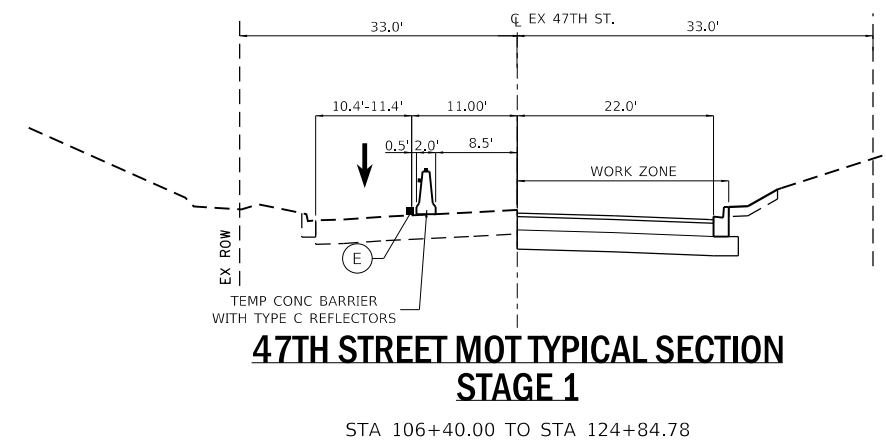
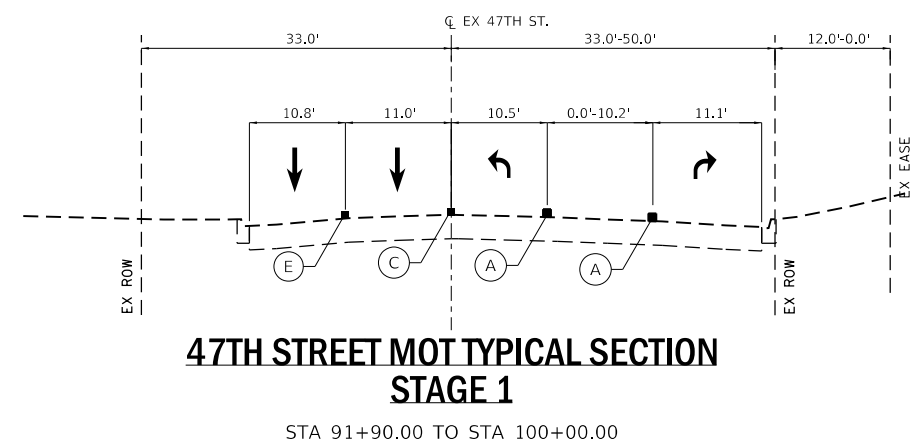
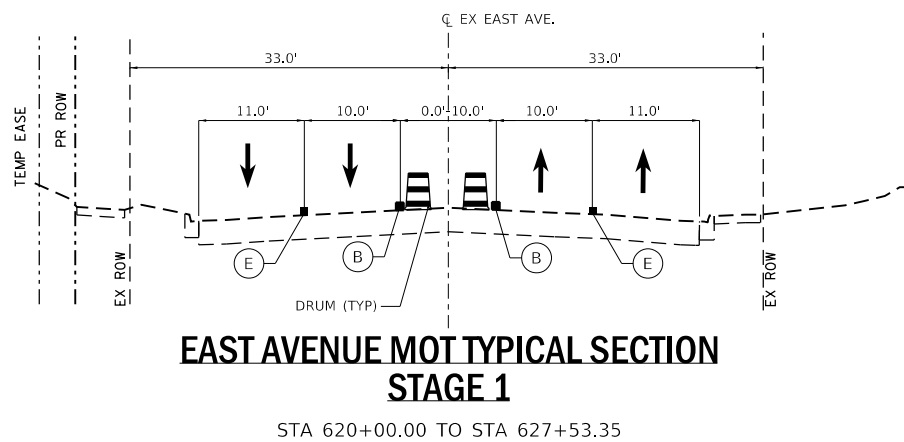
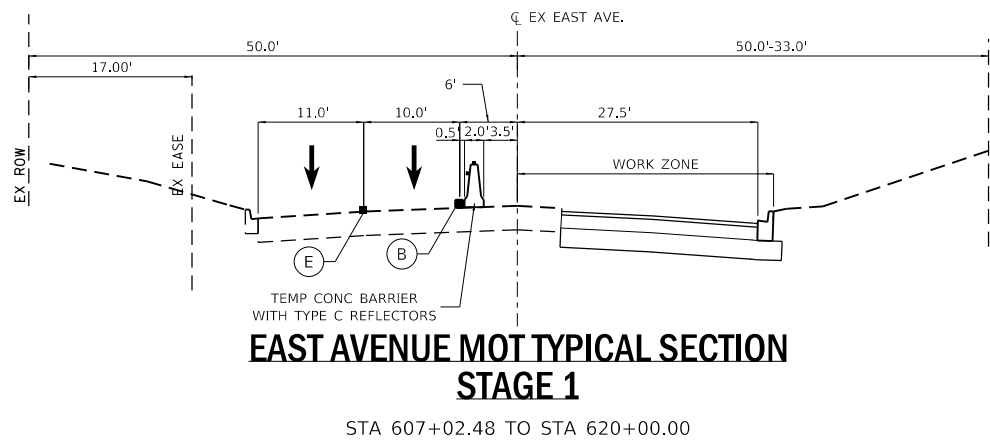
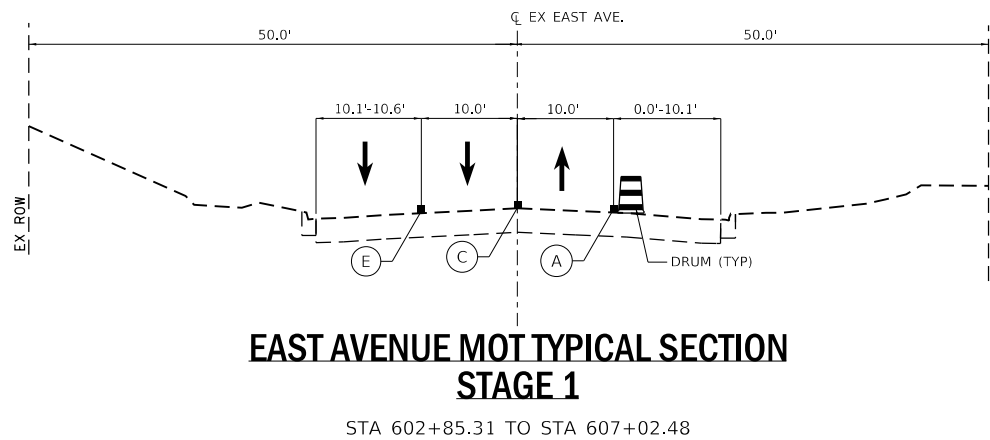
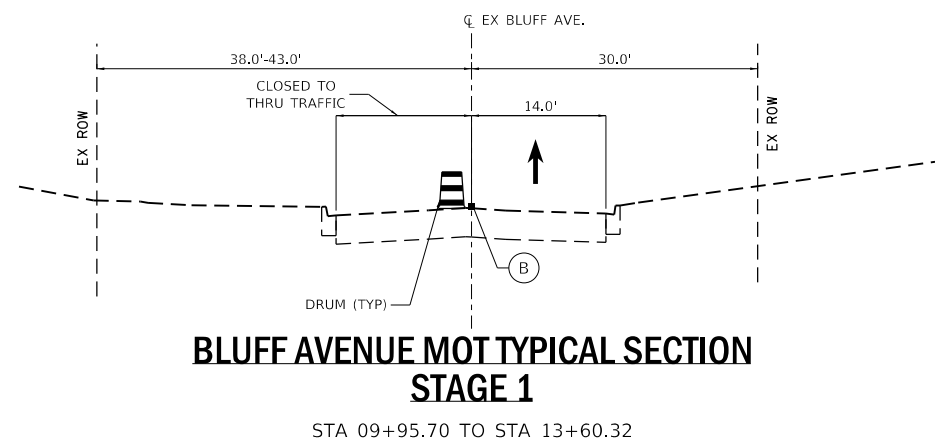
TRAFFIC CONTROL PLAN
GENERAL NOTES

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

REVISIION SYMBOL REVISED ENTIRE SHEET 5/28/2024

MO-01a

F.A.U. RTE. 2719	SECTION 3212TS-RR	COUNTY COOK	TOTAL SHEETS 336	SHEET NO. 99A
			CONTRACT NO. 62F11	
ILLINOIS FED. AID PROJECT				



- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (3' DASH, 9' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW STOP BAR

REVISION 1 REVISED ENTIRE SHEET 5/28/2024

MOT-02



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
	DRAWN - DVP	REVISED -
PLOT SCALE = 20.0000 "/in.	CHECKED - ALM	REVISED -
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -

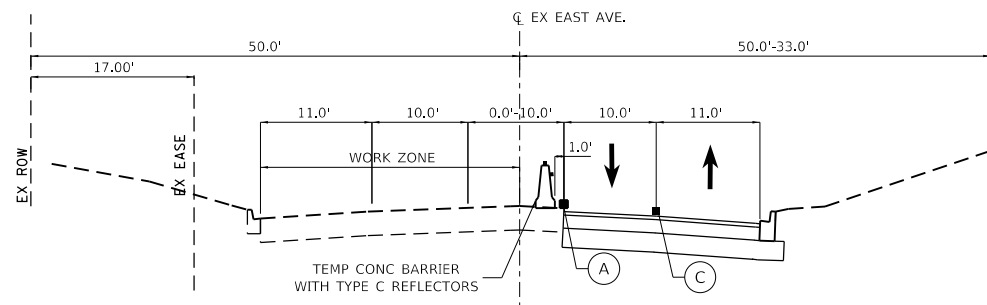
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
TYPICAL SECTION - STAGE 1

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

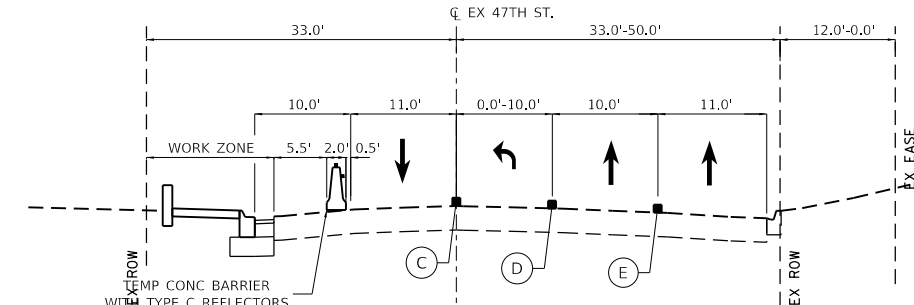
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	100
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

MODEL D:\62F11\62F11-001.dgn
FILE NAME: 20240511-2024-000 47th Street at East Avenue\CAD\CAD_Sheets\02F11-Sub-MOT_Typicals Stage 1-001.dgn



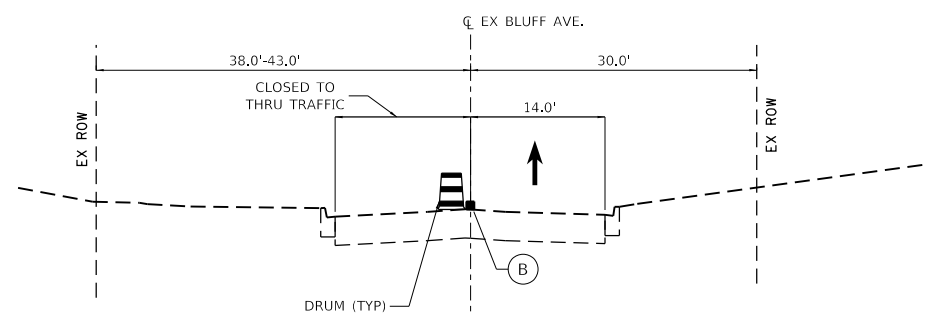
**EAST AVENUE MOT TYPICAL SECTION
STAGE 2**

STA 617+00.00 TO STA 620+00.00



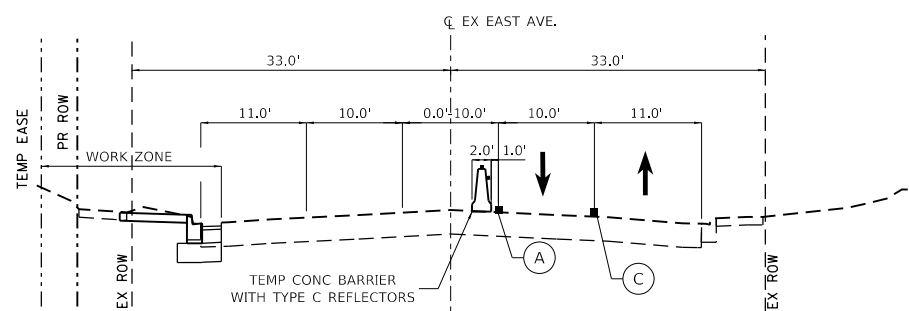
**47TH STREET MOT TYPICAL SECTION
STAGE 2**

STA 95+03.00 TO STA 100+00.00



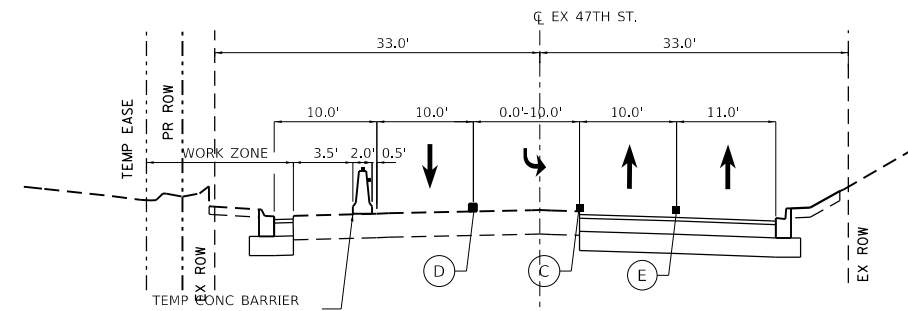
**BLUFF AVENUE MOT TYPICAL SECTION
STAGE 2**

STA 09+95.70 TO STA 13+60.32



**EAST AVENUE MOT TYPICAL SECTION
STAGE 2**

STA 620+00.00 TO STA 627+53.35



**47TH STREET MOT TYPICAL SECTION
STAGE 2**

STA 100+00.00 TO STA 117+05.11

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (3' DASH, 9' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW STOP BAR



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - DVP	REVISED -
PLOT DATE = 5/7/2024	CHECKED - ALM	REVISED -
	DATE - 3/5/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
TYPICAL SECTION - STAGE 2

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

REVISION 1 REVISED ENTIRE SHEET 5/28/2024

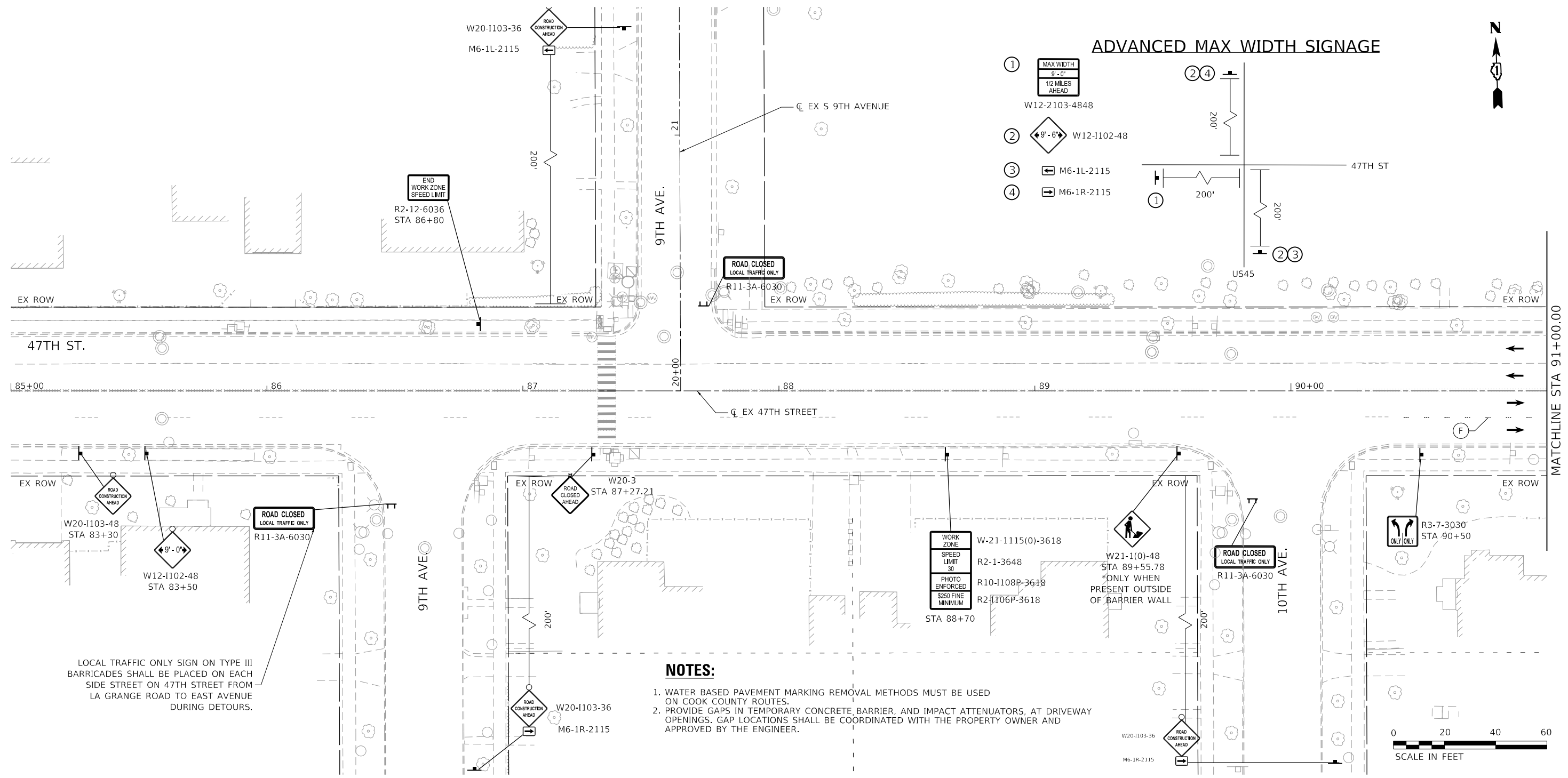
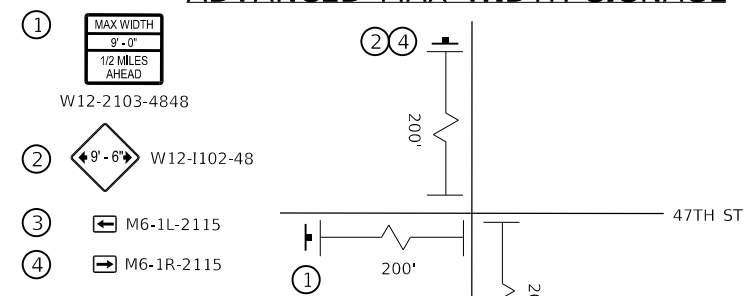
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	101
			CONTRACT NO. 62F11	
			ILLINOIS FED. AID PROJECT	

MOT-03

MODEL D:\62F11\62F11-RR\11-2024\000 47th Street at East Avenue\CAD\CAD_Sheets\012\T11-RR-MOT_Typicalis Stage 2-001.dgn
 FILE NAME: 3212TS-RR-11-2024-000 47th Street at East Avenue\CAD\CAD_Sheets\012\T11-RR-MOT_Typicalis Stage 2-001.dgn

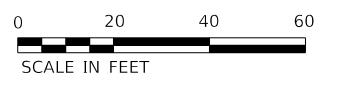


ADVANCED MAX WIDTH SIGNAGE

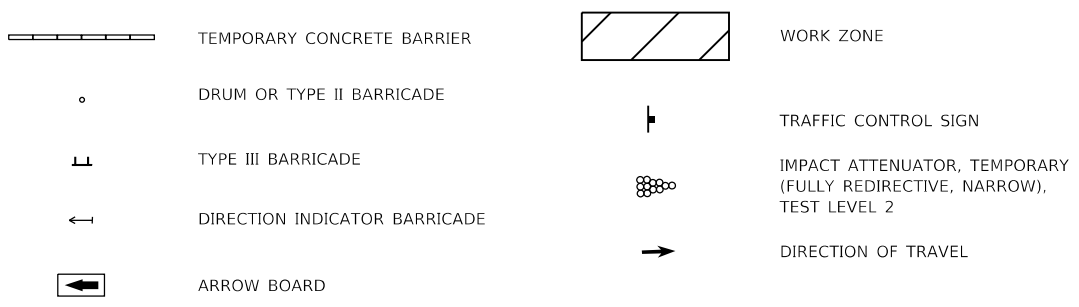


NOTES:

1. WATER BASED PAVEMENT MARKING REMOVAL METHODS MUST BE USED ON COOK COUNTY ROUTES.
2. PROVIDE GAPS IN TEMPORARY CONCRETE, BARRIER, AND IMPACT ATTENUATORS, AT DRIVEWAY OPENINGS. GAP LOCATIONS SHALL BE COORDINATED WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.



LEGEND



- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

REVISED ENTIRE SHEET 5/28/2024



USER NAME = Etzwiller	DESIGNED - NWS	REVISED -
	DRAWN - DVP	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ALM	REVISED -
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

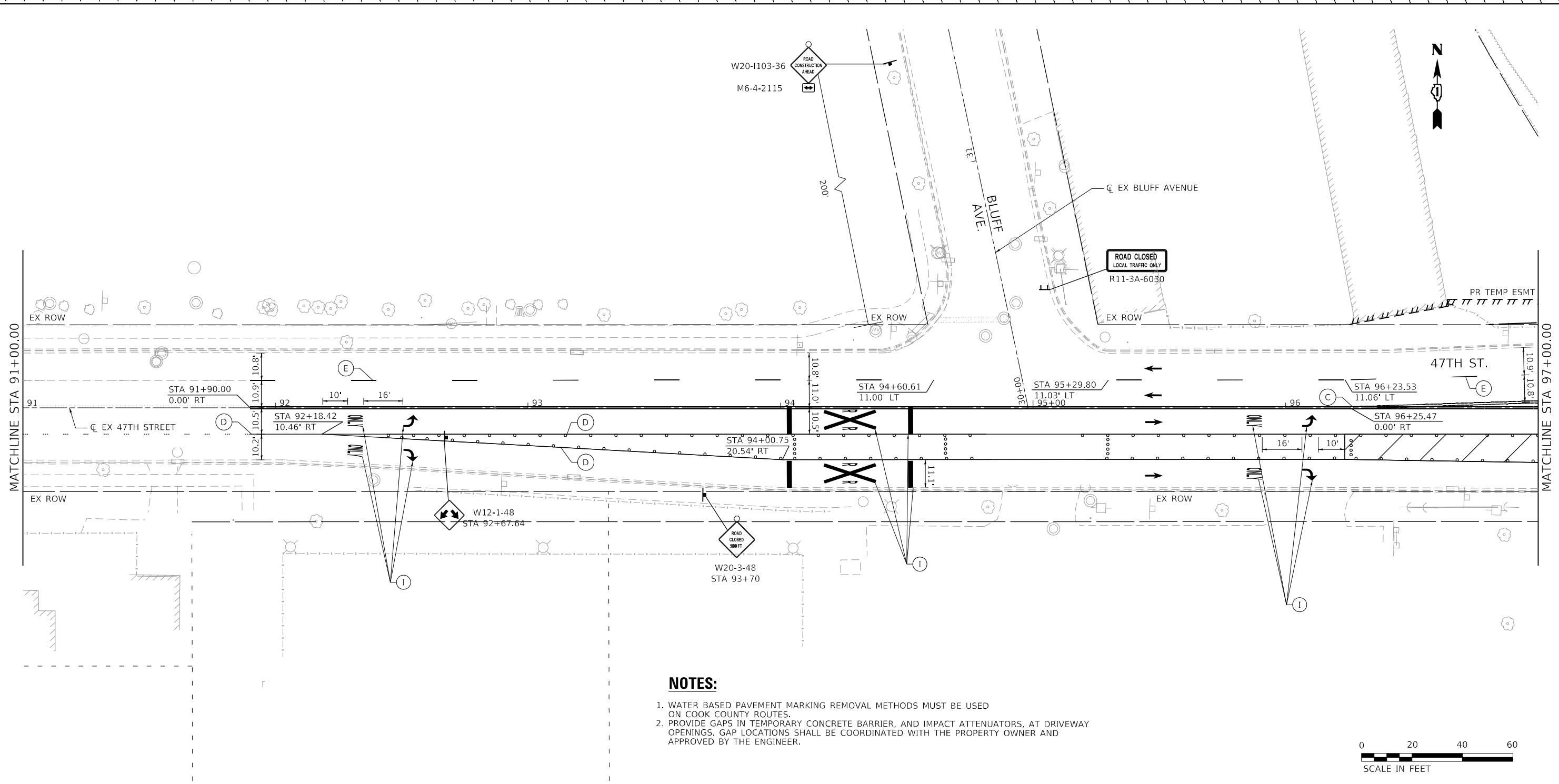
TRAFFIC CONTROL PLAN
STAGE 1

SCALE: 1" = 20' SHEET 1 OF 13 SHEETS STA. 85+00.00 TO STA. 91+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	102
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

MOT-04

MODEL D16231 11-15-2019 11:00:00 AM FILE NAME: 2024051120240400 47th Street at East Avenue/CAD/CAD_Sheets/D1623111-Sub-MDT Stage 1-002.dgn



NOTES:

1. WATER BASED PAVEMENT MARKING REMOVAL METHODS MUST BE USED ON COOK COUNTY ROUTES.
2. PROVIDE GAPS IN TEMPORARY CONCRETE BARRIER, AND IMPACT ATTENUATORS, AT DRIVEWAY OPENINGS. GAP LOCATIONS SHALL BE COORDINATED WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

REVISED ENTIRE SHEET 5/28/2024



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
	DRAWN - DVP	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - ALM	REVISED -
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE 1**

SCALE: 1" = 20' SHEET 2 OF 13 SHEETS STA. 91+00.00 TO STA. 97+00.00

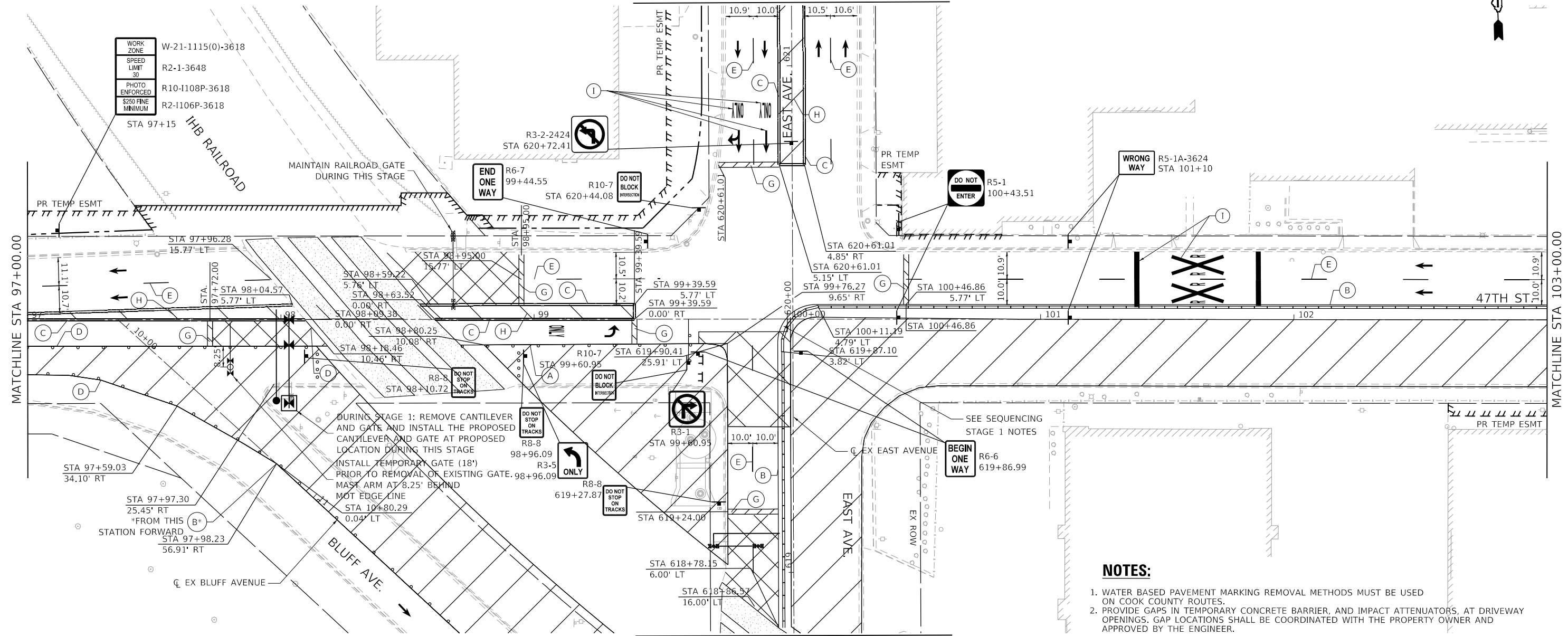
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	103
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

MOT-05

MODEL D:\62F11\62F11-000\62F11-000.dgn FILE NAME: 20240511_20240508_47th_Street_at_East_Avenue\CAD\CAD_Sheets\62F11-Sub-MDT_Stage_1-003.dgn



MATCHLINE STA 621+25.00
SEE SHEET MOT-15



MATCHLINE STA 618+75.00
SEE SHEET MOT-14

NOTES:

1. WATER BASED PAVEMENT MARKING REMOVAL METHODS MUST BE USED ON COOK COUNTY ROUTES.
2. PROVIDE GAPS IN TEMPORARY CONCRETE BARRIER, AND IMPACT ATTENUATORS, AT DRIVEWAY OPENINGS. GAP LOCATIONS SHALL BE COORDINATED WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.



LEGEND

	TEMPORARY CONCRETE BARRIER		WORK ZONE
	DRUM OR TYPE II BARRICADE		TRAFFIC CONTROL SIGN
	TYPE III BARRICADE		IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
	DIRECTION INDICATOR BARRICADE		DIRECTION OF TRAVEL
	ARROW BOARD		

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.



USER NAME = SchaeffN	DESIGNED - NWS	REVISED -
DRAWN - DVP	CHECKED - ALM	REVISED -
DATE - 3/5/2024		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STAGE 1

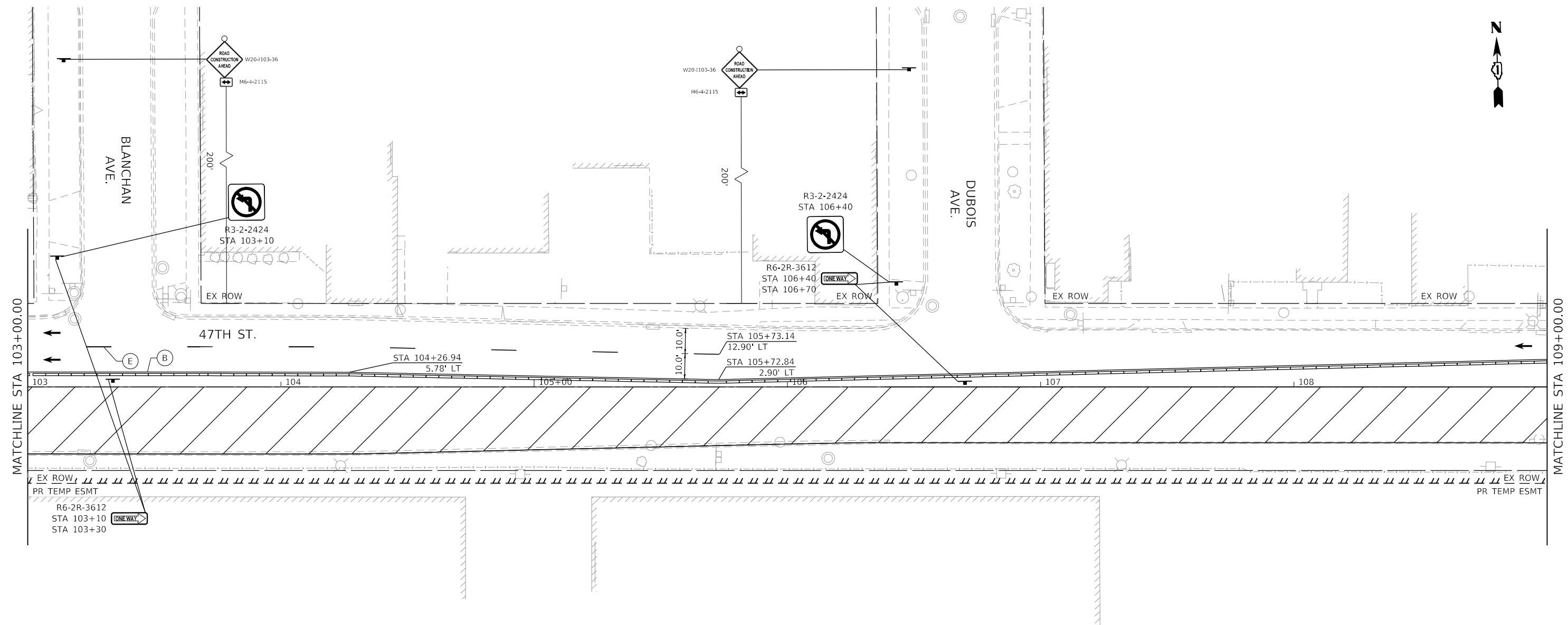
SCALE: 1" = 20' SHEET 3 OF 13 SHEETS STA. 97+00.00 TO STA. 103+00.00

REVISED ENTIRE SHEET 5/28/2024

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	104
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

MOT-06

PROJECT: 2018112002-400 47th Street at East Avenue/CD/CAD_Sheets/02/21-ehb-MOT Stage 1-004.dgn



NOTES:

- 1. WATER BASED PAVEMENT MARKING REMOVAL METHODS MUST BE USED ON COOK COUNTY ROUTES.
- 2. PROVIDE GAPS IN TEMPORARY CONCRETE BARRIER, AND IMPACT ATTENUATORS, AT DRIVEWAY OPENINGS. GAP LOCATIONS SHALL BE COORDINATED WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

- 1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
- 2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
- 3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

REVISED ENTIRE SHEET 5/28/2024



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - DVP	REVISED -
PLOT DATE = 5/7/2024	CHECKED - ALM	REVISED -
	DATE - 3/5/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

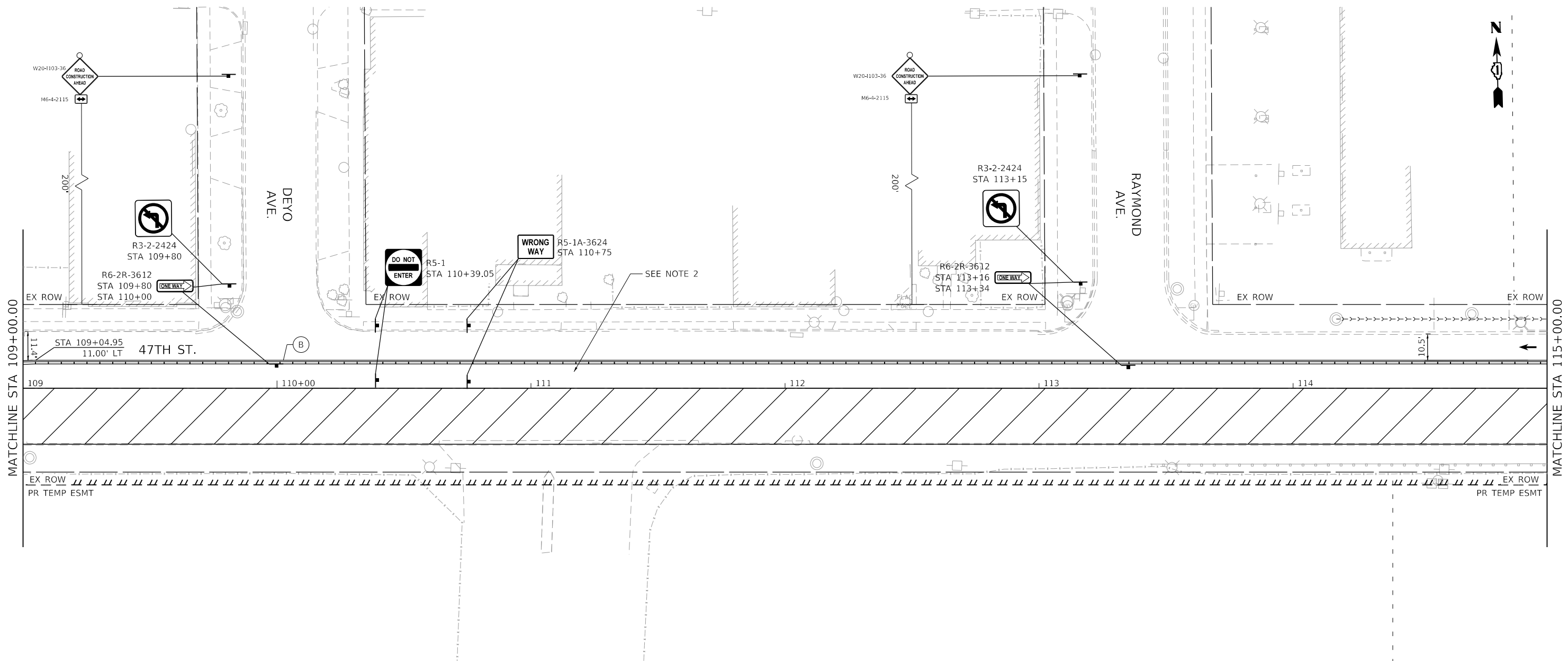
**TRAFFIC CONTROL PLAN
STAGE 1**

SCALE: 1" = 20' SHEET 4 OF 13 SHEETS STA. 103+00.00 TO STA. 109+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	105
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

MOT-07

MODEL D16231 11-15-2019 (REV) 05
FILE NAME: 2024R112024-4300 47th Street at East Avenue/CAD/CAD_Sheets/D1623111-eha-MDT Stage 1-405.dgn



NOTES:

1. WATER BASED PAVEMENT MARKING REMOVAL METHODS MUST BE USED ON COOK COUNTY ROUTES.
2. PROVIDE GAPS IN TEMPORARY CONCRETE BARRIER, AND IMPACT ATTENUATORS, AT DRIVEWAY OPENINGS. GAP LOCATIONS SHALL BE COORDINATED WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

REVISED ENTIRE SHEET 5/28/2024



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - DVP	REVISED -
PLOT DATE = 5/7/2024	CHECKED - ALM	REVISED -
	DATE - 3/5/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE 1**

SCALE: 1" = 20' SHEET 5 OF 13 SHEETS STA. 109+00.00 TO STA. 115+00.00

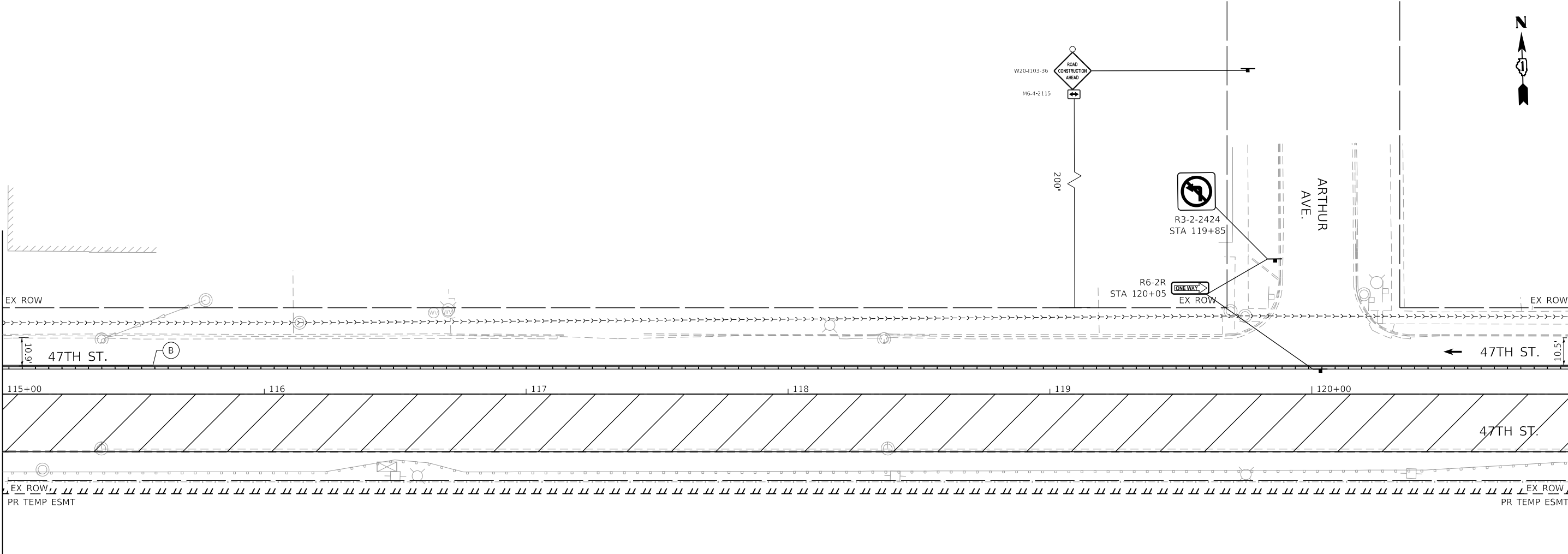
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	106
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F11	

MOT-08



MATCHLINE STA 115+00.00

MATCHLINE STA 121+00.00



NOTES:

1. WATER BASED PAVEMENT MARKING REMOVAL METHODS MUST BE USED ON COOK COUNTY ROUTES.
2. PROVIDE GAPS IN TEMPORARY CONCRETE BARRIER, AND IMPACT ATTENUATORS, AT DRIVEWAY OPENINGS. GAP LOCATIONS SHALL BE COORDINATED WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

REVISED ENTIRE SHEET 5/28/2024



USER NAME = EtzwilleE	DESIGNED - NWS	REVISED -
DRAWN - DVP	REVISÉD -	
PLOT SCALE = 40,0000 ' / in.	CHECKED - ALM	REVISÉD -
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISÉD -

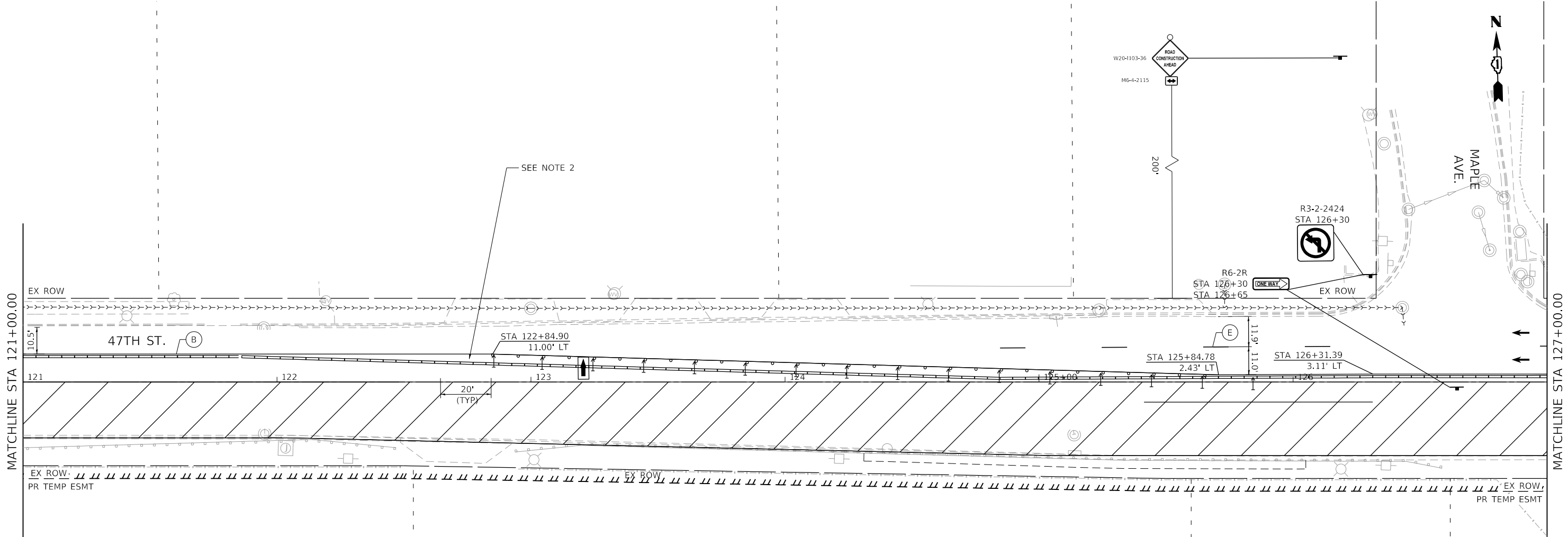
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE 1**

SCALE: 1" = 20' SHEET 6 OF 13 SHEETS STA. 115+00.00 TO STA. 121+00.00

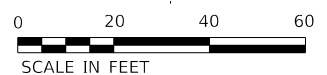
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
2719	3212TS-RR	COOK	336
			SHEET NO. 107
CONTRACT NO. 62F11			
ILLINOIS FED. AID PROJECT			

MODEL D:\62111\62111\62111_47th\62111_47th.mxd 5/7/2024 4:58:58 PM
FILE NAME: Z:\62111_47th\62111_47th.mxd 5/7/2024 4:58:58 PM



NOTES:

- 1. WATER BASED PAVEMENT MARKING REMOVAL METHODS MUST BE USED ON COOK COUNTY ROUTES.
- 2. PROVIDE GAPS IN TEMPORARY CONCRETE BARRIER, AND IMPACT ATTENUATORS, AT DRIVEWAY OPENINGS. GAP LOCATIONS SHALL BE COORDINATED WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.
- 3. TEMPORARY CONCRETE BARRIER SHALL BE PINNED FROM STA. 124+85 TO STA. 132+00.



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

- 1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
- 2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
- 3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
	DRAWN - DVP	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - ALM	REVISED -
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE 1**

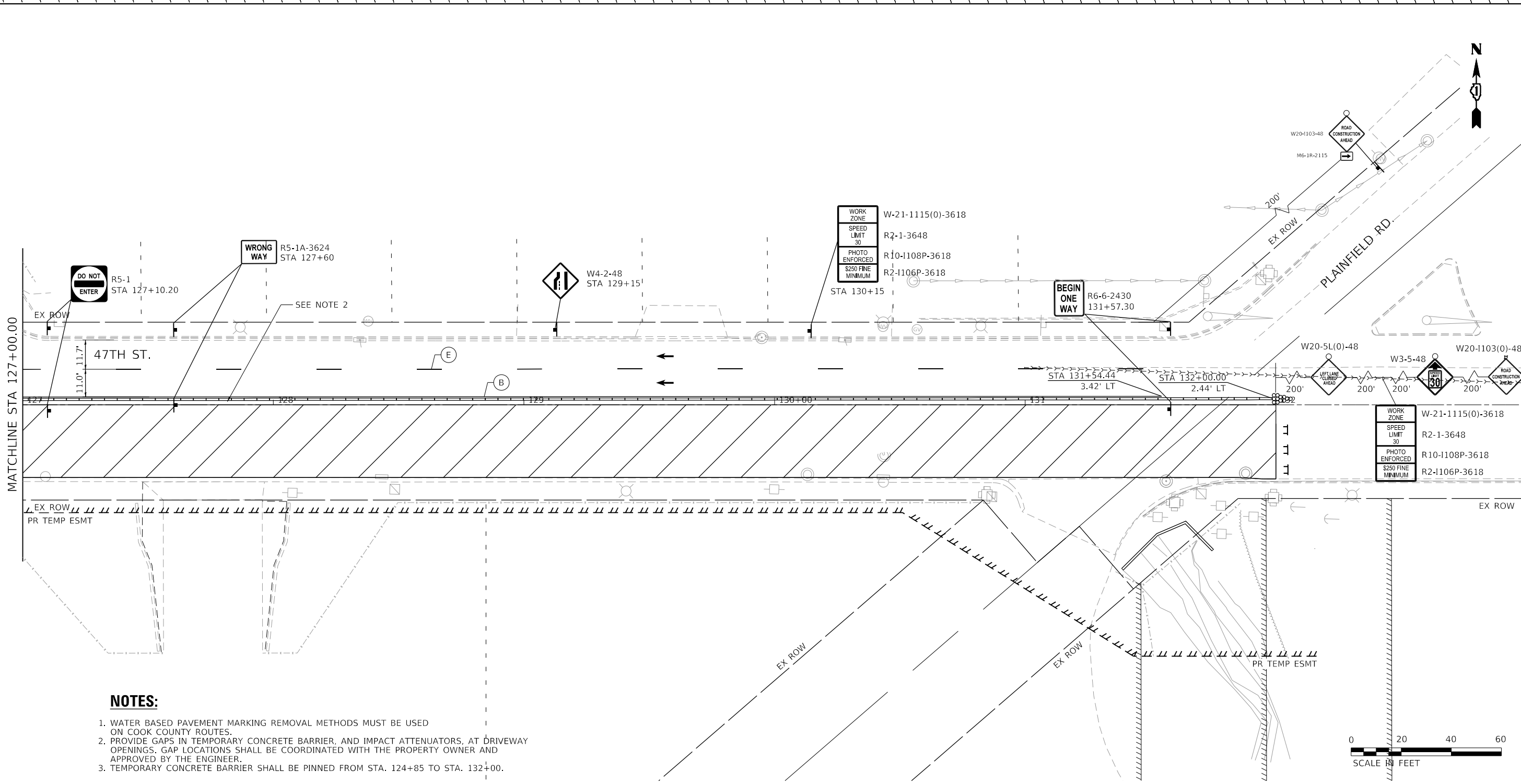
SCALE: 1" = 20' SHEET 7 OF 13 SHEETS STA. 121+00.00 TO STA. 127+00.00

REVISION 1 REVISED ENTIRE SHEET 5/28/2024

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	108
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

MOT-10

MODEL D:\6211\120224\6211_120224\6211_120224\6211_120224.dwg FILE NAME: 3212TS-RR-120224-120224.dwg 47th Street at East Avenue/CAD/CAD_Sheets\6211_120224\6211_120224.dwg 1-1008.dgn



NOTES:

1. WATER BASED PAVEMENT MARKING REMOVAL METHODS MUST BE USED ON COOK COUNTY ROUTES.
2. PROVIDE GAPS IN TEMPORARY CONCRETE BARRIER, AND IMPACT ATTENUATORS, AT DRIVEWAY OPENINGS. GAP LOCATIONS SHALL BE COORDINATED WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.
3. TEMPORARY CONCRETE BARRIER SHALL BE PINNED FROM STA. 124+85 TO STA. 132+00.

LEGEND

	TEMPORARY CONCRETE BARRIER		WORK ZONE
	DRUM OR TYPE II BARRICADE		TRAFFIC CONTROL SIGN
	TYPE III BARRICADE		IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
	DIRECTION INDICATOR BARRICADE		DIRECTION OF TRAVEL
	ARROW BOARD		

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - DVP	REVISED -
PLOT DATE = 5/7/2024	CHECKED - ALM	REVISED -
	DATE - 3/5/2024	REVISED -

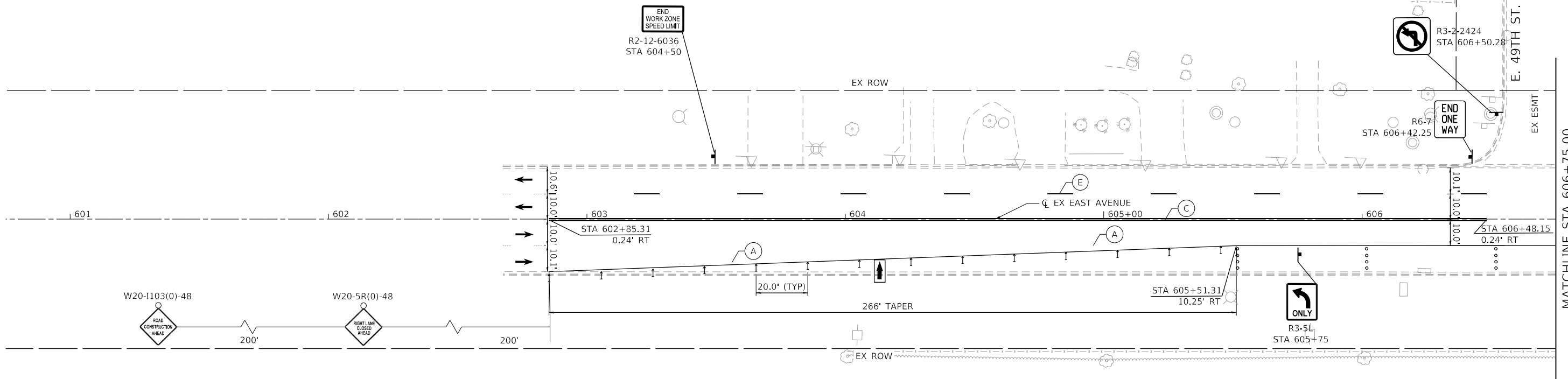
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE 1**

SCALE: 1" = 20' SHEET 8 OF 13 SHEETS STA. 127+00.00 TO STA. 132+00.00

REVISED ENTIRE SHEET 5/28/2024			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
2719	3212TS-RR	COOK	336
			SHEET NO. 109
CONTRACT NO. 62F11			
ILLINOIS FED. AID PROJECT			

MODEL D:\6211-11-2024\6211-2024-000 47th Street at East Avenue\CAD\CAD_Sheets\6211-2024-MDT Stage 1-009.dgn
 FILE NAME: 6211-2024-000 47th Street at East Avenue\CAD\CAD_Sheets\6211-2024-MDT Stage 1-009.dgn



MATCHLINE STA 606+75.00

E. 49TH ST.



NOTES:

- 1. WATER BASED PAVEMENT MARKING REMOVAL METHODS MUST BE USED ON COOK COUNTY ROUTES.
- 2. PROVIDE GAPS IN TEMPORARY CONCRETE BARRIER, AND IMPACT ATTENUATORS, AT DRIVEWAY OPENINGS. GAP LOCATIONS SHALL BE COORDINATED WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.

LEGEND

	TEMPORARY CONCRETE BARRIER		WORK ZONE
	DRUM OR TYPE II BARRICADE		TRAFFIC CONTROL SIGN
	TYPE III BARRICADE		IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
	DIRECTION INDICATOR BARRICADE		DIRECTION OF TRAVEL
	ARROW BOARD		

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

- 1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
- 2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
- 3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

MODEL D:\62111-RR\112024\500-RTM\Street at East Avenue\CAD\CAD_Sheets\02112024\T-11-ctrl-MDT Stage -1410.dgn



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - DVP	REVISED -
PLOT DATE = 5/7/2024	CHECKED - ALM	REVISED -
	DATE - 3/5/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

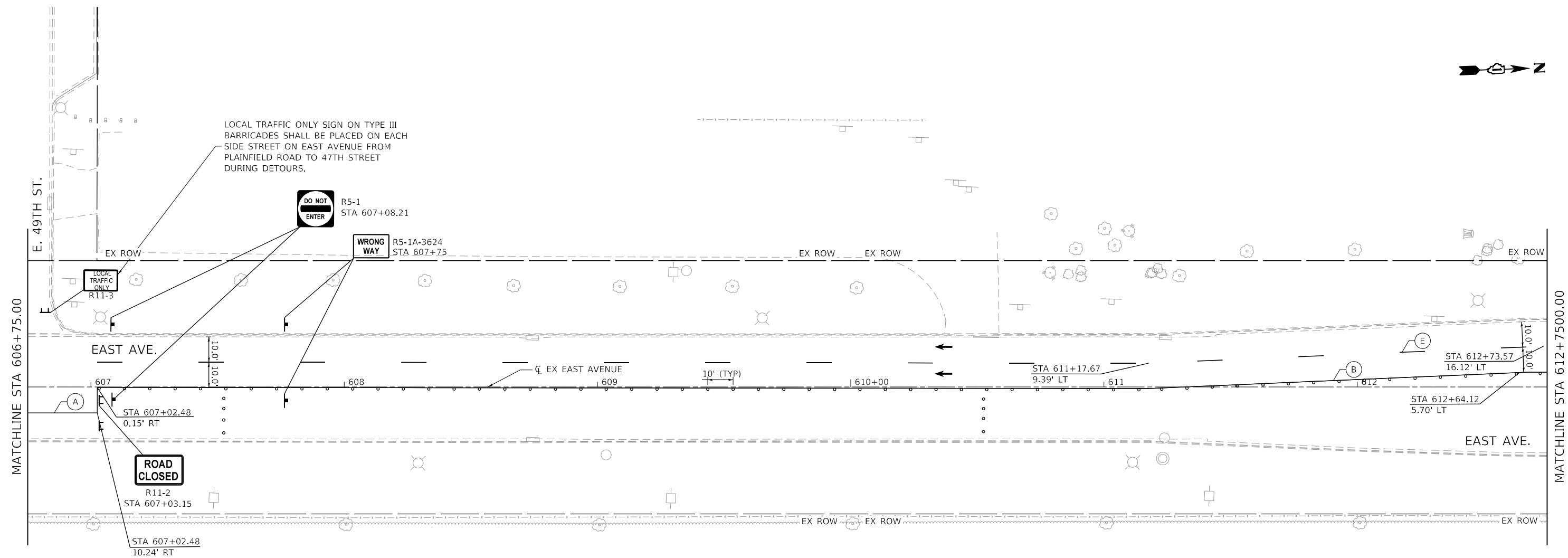
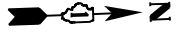
**TRAFFIC CONTROL PLAN
STAGE 1**

SCALE: 1" = 20' SHEET 9 OF 13 SHEETS STA. 601+00.00 TO STA. 606+75.00

REVISED ENTIRE SHEET 5/28/2024

MOT-12

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	110
ILLINOIS			FED. AID PROJECT	
				CONTRACT NO. 62F11



LOCAL TRAFFIC ONLY SIGN ON TYPE III BARRICADES SHALL BE PLACED ON EACH SIDE STREET ON EAST AVENUE FROM PLAINFIELD ROAD TO 47TH STREET DURING DETOURS.

DO NOT ENTER R5-1
STA 607+08.21

WRONG WAY R5-1A-3624
STA 607+75

LOCAL TRAFFIC ONLY R11-3

ROAD CLOSED R11-2
STA 607+03.15

NOTES:

1. WATER BASED PAVEMENT MARKING REMOVAL METHODS MUST BE USED ON COOK COUNTY ROUTES.
2. PROVIDE GAPS IN TEMPORARY CONCRETE BARRIER, AND IMPACT ATTENUATORS, AT DRIVEWAY OPENINGS. GAP LOCATIONS SHALL BE COORDINATED WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

MODEL D:\62111\62111-2024-000\62111-2024-000.dwg
 FILE NAME: 62111-2024-000.dwg
 PROJECT: 62111-2024-000
 SHEET: 10 OF 13
 DATE: 5/7/2024



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN - DVP	REVISED -
PLOT DATE = 5/7/2024	CHECKED - ALM	REVISED -
	DATE - 3/5/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE 1**

SCALE: 1" = 20' SHEET 10 OF 13 SHEETS STA. 606+75.00 TO STA. 612+75.00

REVISED ENTIRE SHEET 5/28/2024			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
2719	3212TS-RR	COOK	336 111
			CONTRACT NO. 62F11
ILLINOIS FED. AID PROJECT			

MOT-13



W-21-1115(0)-3618	WORK ZONE
R2-1-3648	SPEED LIMIT 30
R10-1108P-3618	PHOTO ENFORCED
R2-1106P-3618	\$250 FINE MINIMUM

STA 616+60

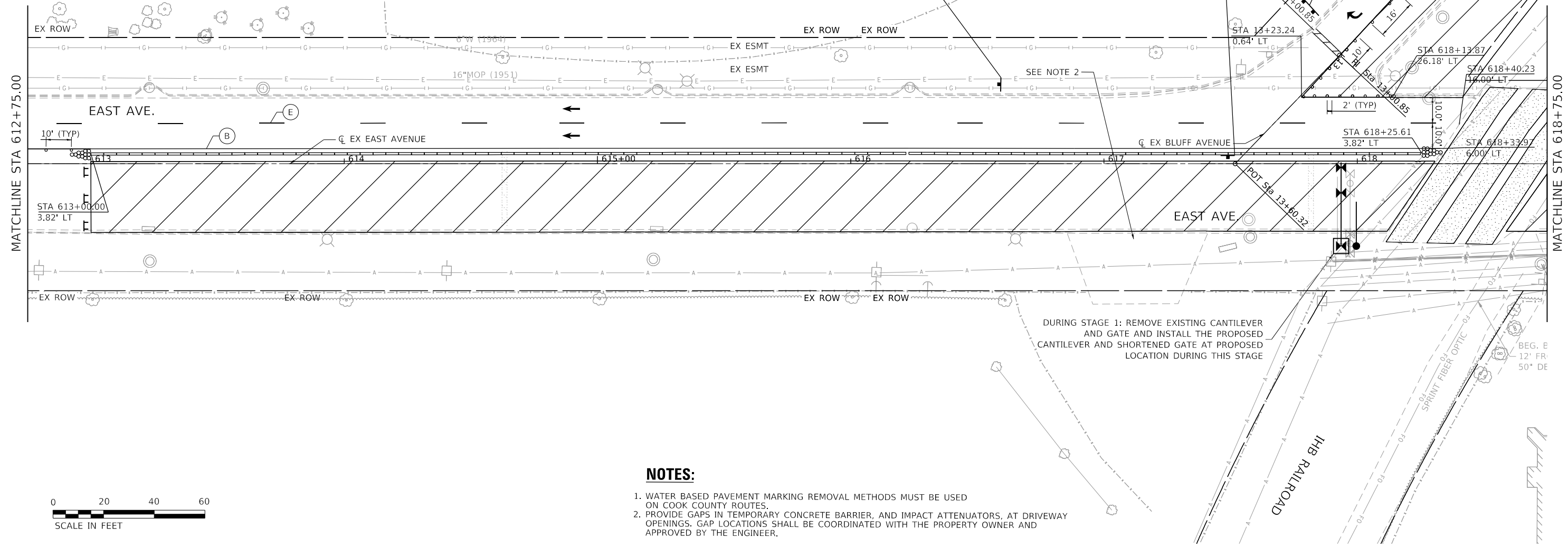
R6-2R-3612
STA 13+00
STA 617+50



R1-1-30
STA 13+00.85



R3-2-2424
STA 13+00.85



MATCHLINE STA 612+75.00

MATCHLINE STA 618+75.00
SEE SHEET MOT-06

DURING STAGE 1: REMOVE EXISTING CANTILEVER AND GATE AND INSTALL THE PROPOSED CANTILEVER AND SHORTENED GATE AT PROPOSED LOCATION DURING THIS STAGE

NOTES:

1. WATER BASED PAVEMENT MARKING REMOVAL METHODS MUST BE USED ON COOK COUNTY ROUTES.
2. PROVIDE GAPS IN TEMPORARY CONCRETE BARRIER, AND IMPACT ATTENUATORS, AT DRIVEWAY OPENINGS. GAP LOCATIONS SHALL BE COORDINATED WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.



LEGEND

	TEMPORARY CONCRETE BARRIER		WORK ZONE
	DRUM OR TYPE II BARRICADE		TRAFFIC CONTROL SIGN
	TYPE III BARRICADE		IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
	DIRECTION INDICATOR BARRICADE		DIRECTION OF TRAVEL
	ARROW BOARD		

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.



USER NAME = SchaeffN	DESIGNED - NWS	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - DVP	REVISED -
PLOT DATE = 5/7/2024	CHECKED - ALM	REVISED -
	DATE - 3/5/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STAGE 1

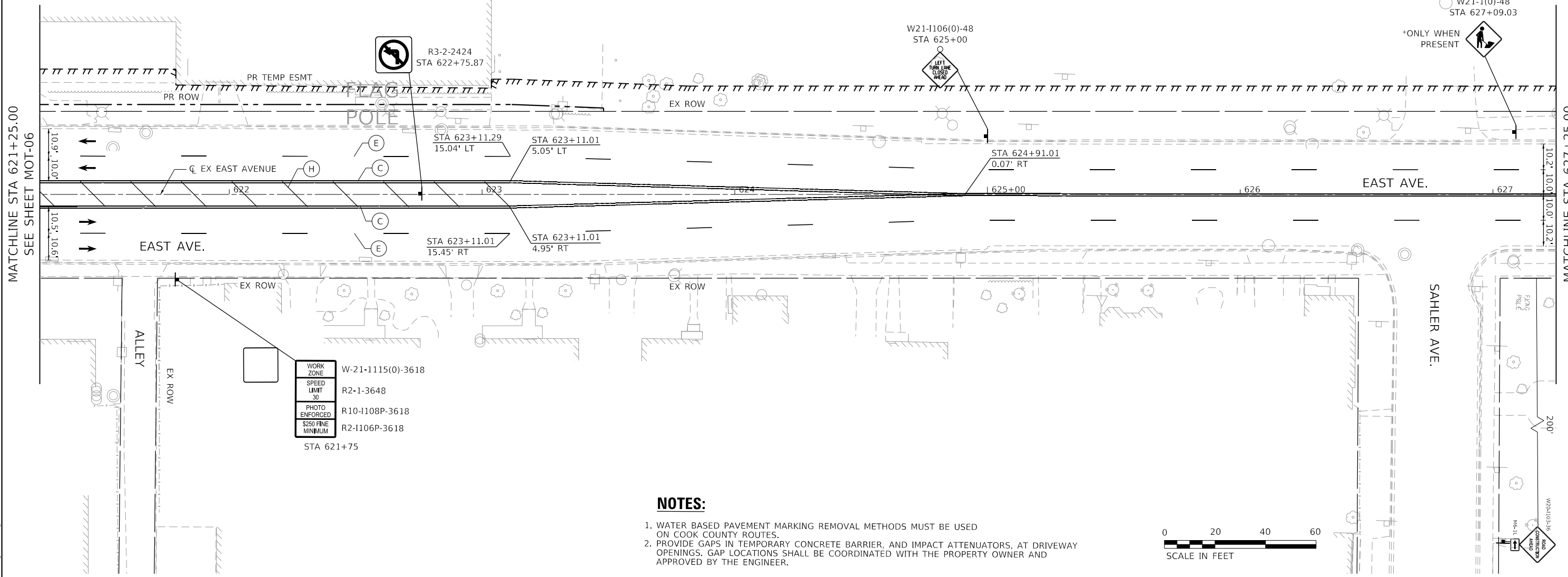
SCALE: 1" = 20' SHEET 11 OF 13 SHEETS STA. 612+75.00 TO STA. 618+75.00

REVISED ENTIRE SHEET 5/28/2024

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	112
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

MOT-14

PROJECT: 62F11-11-2024-00006
 FILE NAME: 20240511-2024-00006-0711-Street at East Avenue/CAD/CAD_Sheets/02F11-Sub-MOT Stage 1-012.dgn



WORK ZONE	W-21-1115(0)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-1108P-3618
\$250 FINE MINIMUM	R2-1106P-3618
STA 621+75	

NOTES:

- 1. WATER BASED PAVEMENT MARKING REMOVAL METHODS MUST BE USED ON COOK COUNTY ROUTES.
- 2. PROVIDE GAPS IN TEMPORARY CONCRETE BARRIER, AND IMPACT ATTENUATORS, AT DRIVEWAY OPENINGS. GAP LOCATIONS SHALL BE COORDINATED WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

- 1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
- 2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
- 3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.



USER NAME = EtzwillE	DESIGNED - NWS	REVISION	
	DRAWN - DVP	REVISION	
PLOT SCALE = 40,0000 "/>			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

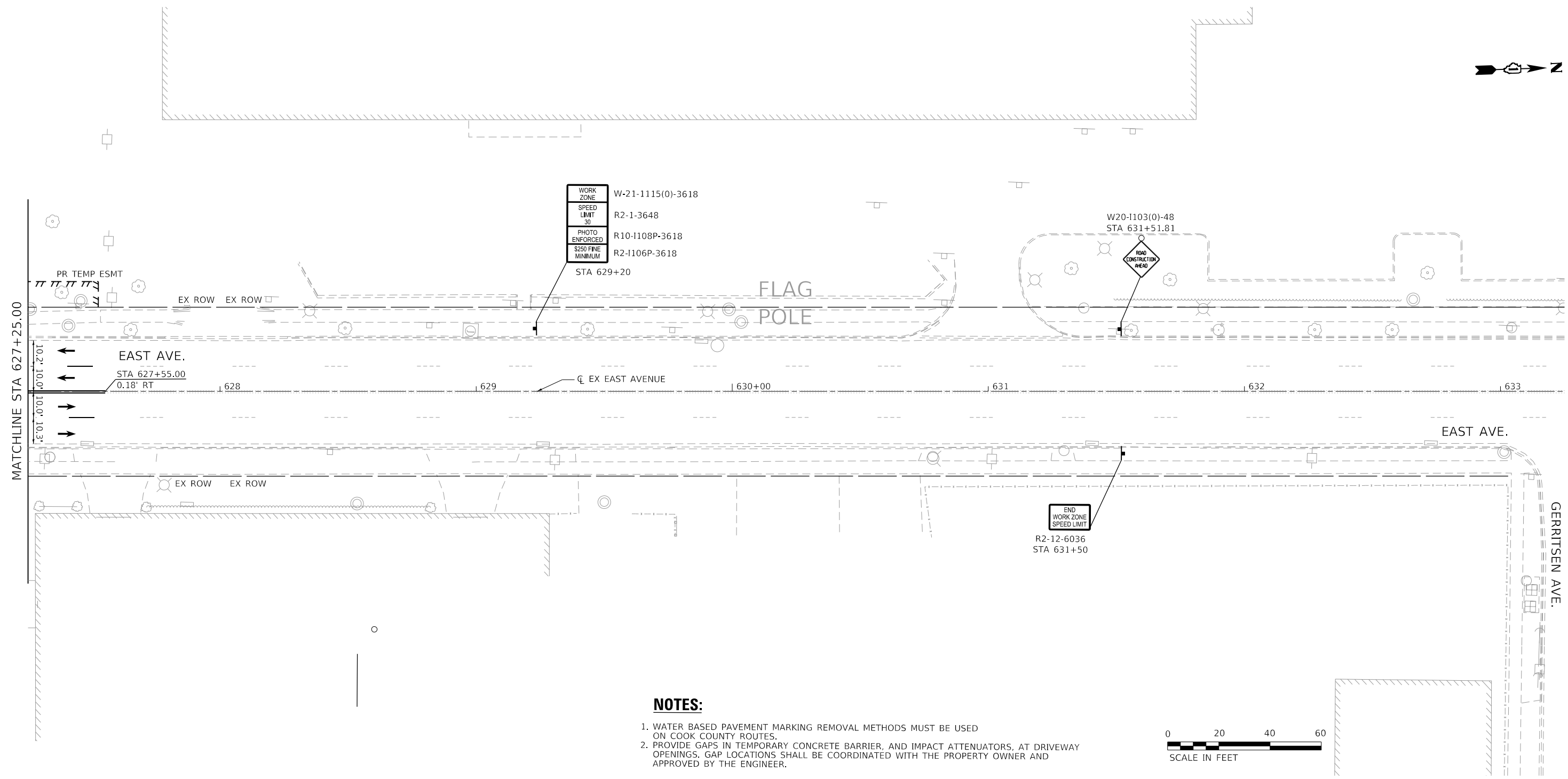
TRAFFIC CONTROL PLAN	
STAGE 1	
SCALE: 1" = 20'	SHEET 12 OF 13 SHEETS
STA. 621+25.00 TO STA. 627+25.00	

REVISED ENTIRE SHEET 5/28/2024

MOT-15

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	113
CONTRACT NO. 62F11				ILLINOIS FED. AID PROJECT

MODEL D:\1624\1113\1624-RR-0037
 FILE NAME: 2024\1113\2024-RR-0037.dwg
 PLOT DATE: 5/7/2024
 PROJECT: East Avenue/CDAD_Sheets\1113-RR-0037.dwg



NOTES:

1. WATER BASED PAVEMENT MARKING REMOVAL METHODS MUST BE USED ON COOK COUNTY ROUTES.
2. PROVIDE GAPS IN TEMPORARY CONCRETE BARRIER, AND IMPACT ATTENUATORS, AT DRIVEWAY OPENINGS. GAP LOCATIONS SHALL BE COORDINATED WITH THE PROPERTY OWNER AND APPROVED BY THE ENGINEER.



LEGEND

	TEMPORARY CONCRETE BARRIER		WORK ZONE
	DRUM OR TYPE II BARRICADE		TRAFFIC CONTROL SIGN
	TYPE III BARRICADE		IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
	DIRECTION INDICATOR BARRICADE		DIRECTION OF TRAVEL
	ARROW BOARD		

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

REVISD ENTIRE SHEET 5/28/2024

MOT-16



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
DRAWN - DVP	REVISD -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - ALM	REVISD -
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISD -

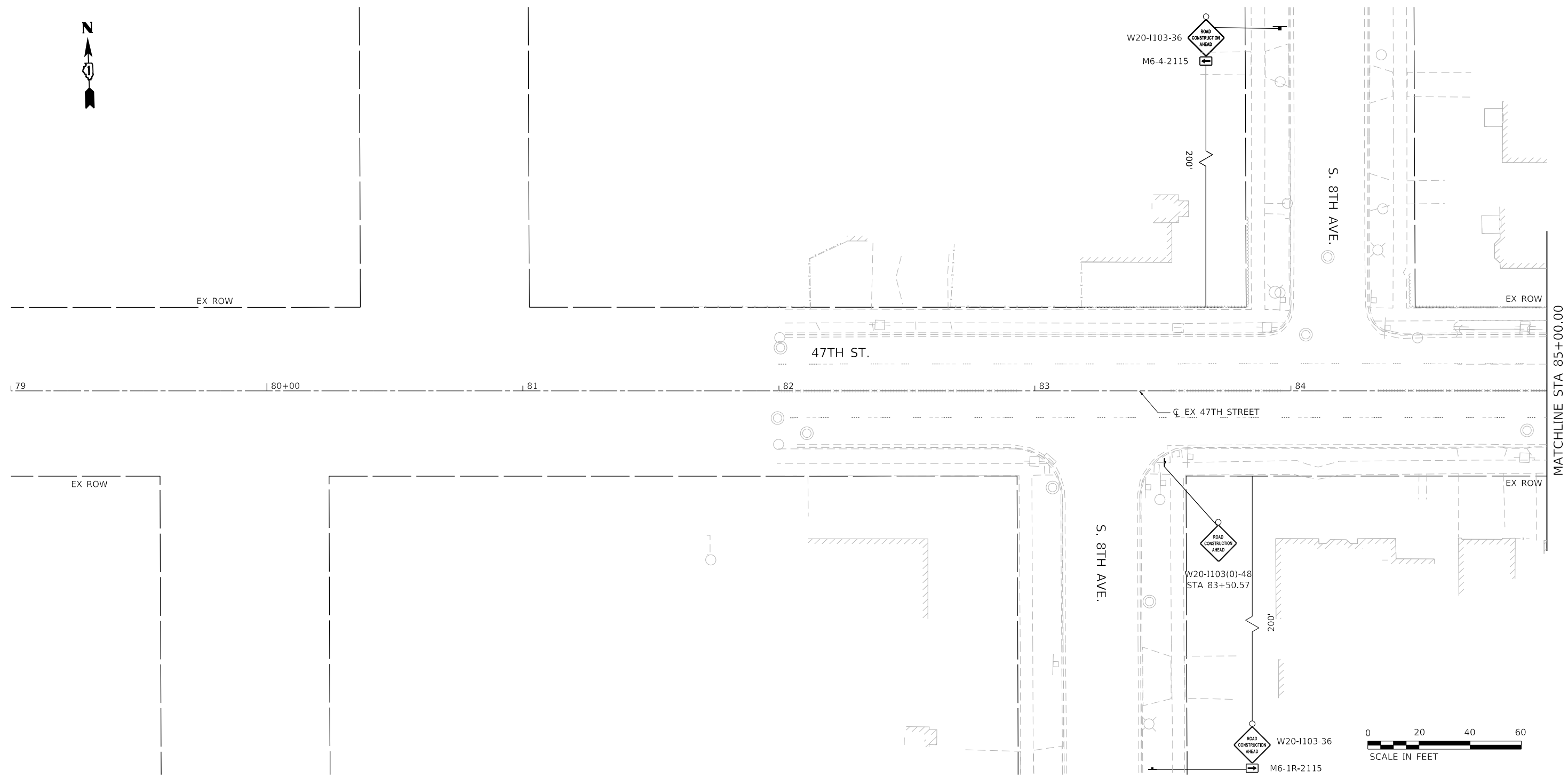
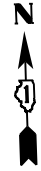
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STAGE 1

SCALE: 1" = 20' SHEET 13 OF 13 SHEETS STA. 627+25.00 TO STA. 627+33.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	114
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F11	

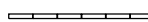




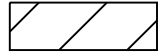



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1

MODEL D:\62F11\62f11\rsand\mof00
FILE NAME: 3212TS-RR112024-400 47th Street at East Avenue\CAD\CAD_Sheets\02\F11-Sub-MDT Stage 2-001.dgn

LEGEND

-  TEMPORARY CONCRETE BARRIER
-  DRUM OR TYPE II BARRICADE
-  TYPE III BARRICADE
-  DIRECTION INDICATOR BARRICADE
-  ARROW BOARD
-  WORK ZONE
-  TRAFFIC CONTROL SIGN
-  IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
-  DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

- LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
- THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
- SEE DETOUR PLAN FOR ADDITIONAL SIGNING.



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
	DRAWN - DVP	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - ALM	REVISED -
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

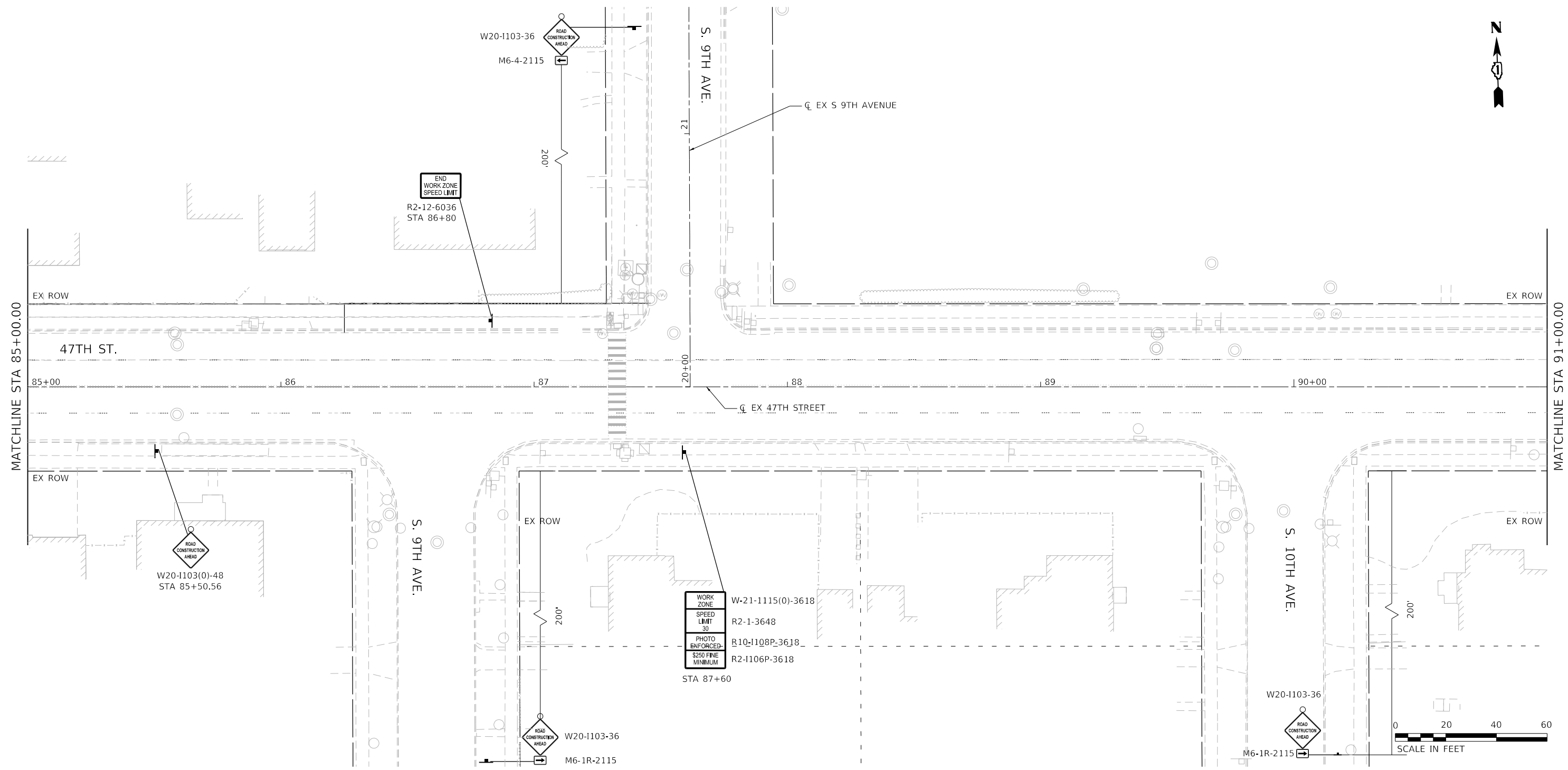
**TRAFFIC CONTROL PLAN
STAGE 2**

SCALE: 1" = 20' SHEET 1 OF 12 SHEETS STA. 79+00.00 TO STA. 85+00.00

 REVISED ENTIRE SHEET 5/28/2024

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	115
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

MOT-17



MODEL D:\62311\rsch\mtr\000
 FILE NAME: 3212TS-RR-11-2024-000 47th Street at East Avenue\CAD\CAD_Sheets\11-2024\MT Stage 2-002.dgn

LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

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3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.



USER NAME = Etzwiller	DESIGNED - NWS	REVISED -	
	DRAWN - DVP	REVISED -	
PLOT SCALE = 40,0000 ' / in.	CHECKED - ALM	REVISED -	
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE 2**

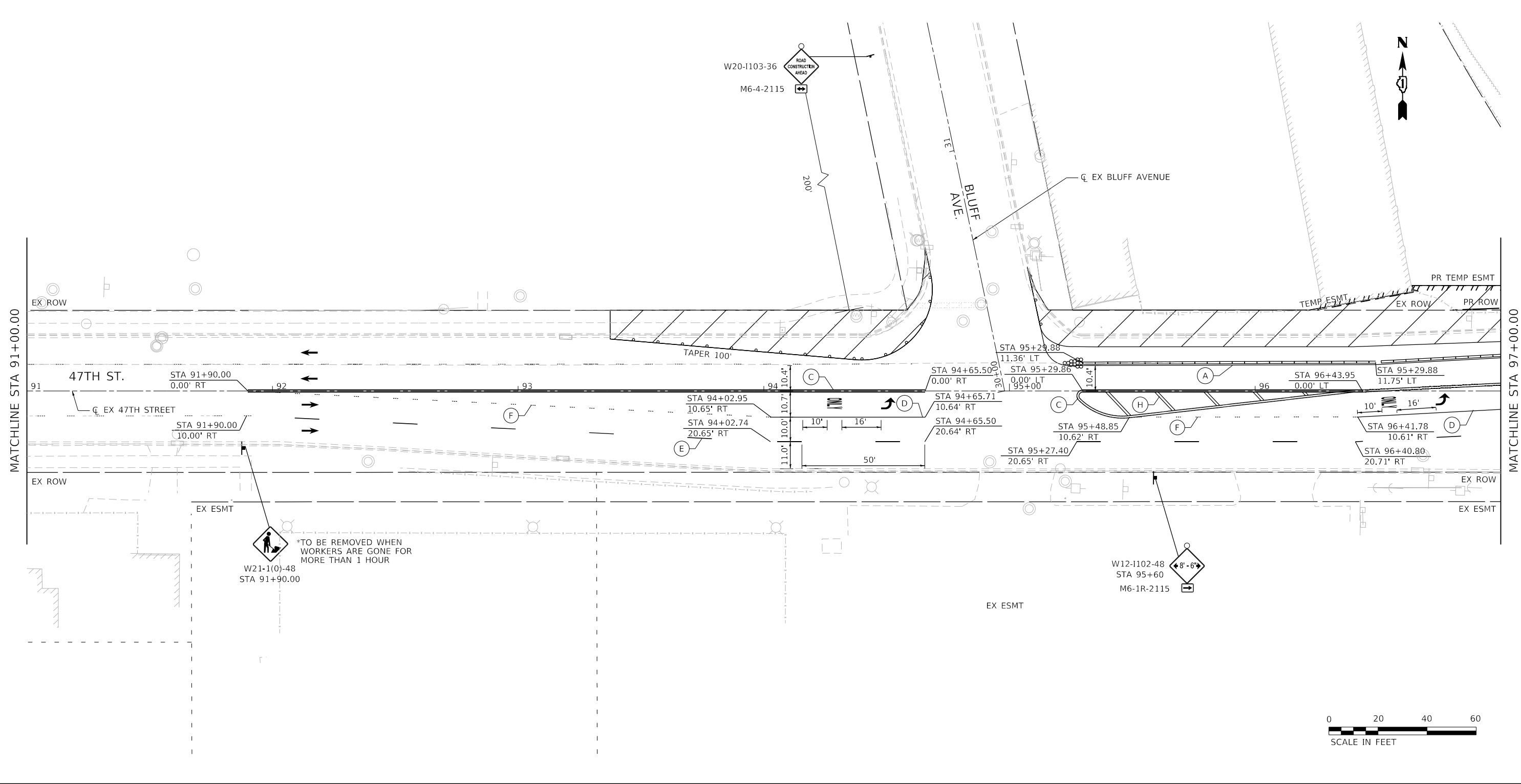
SCALE: 1" = 20' SHEET 2 OF 12 SHEETS STA. 85+00.00 TO STA. 91+00.00

REVISED ENTIRE SHEET 5/28/2024

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	116
			CONTRACT NO. 62F11	
ILLINOIS FED. AID PROJECT				

MOT-18

MODEL D:\6211-12-02\12-02-24-00 47th Street at East Avenue\CAD\CAD_Sheets\120211-12ht-MDT Stage 2-003.dgn
 FILE NAME: 3/11/24 12:02:24-00 47th Street at East Avenue\CAD\CAD_Sheets\120211-12ht-MDT Stage 2-003.dgn



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11' C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
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3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.



USER NAME = EtlzwillE	DESIGNED - NWS	REVISED -
	DRAWN - DVP	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - ALM	REVISED -
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
 STAGE 2**

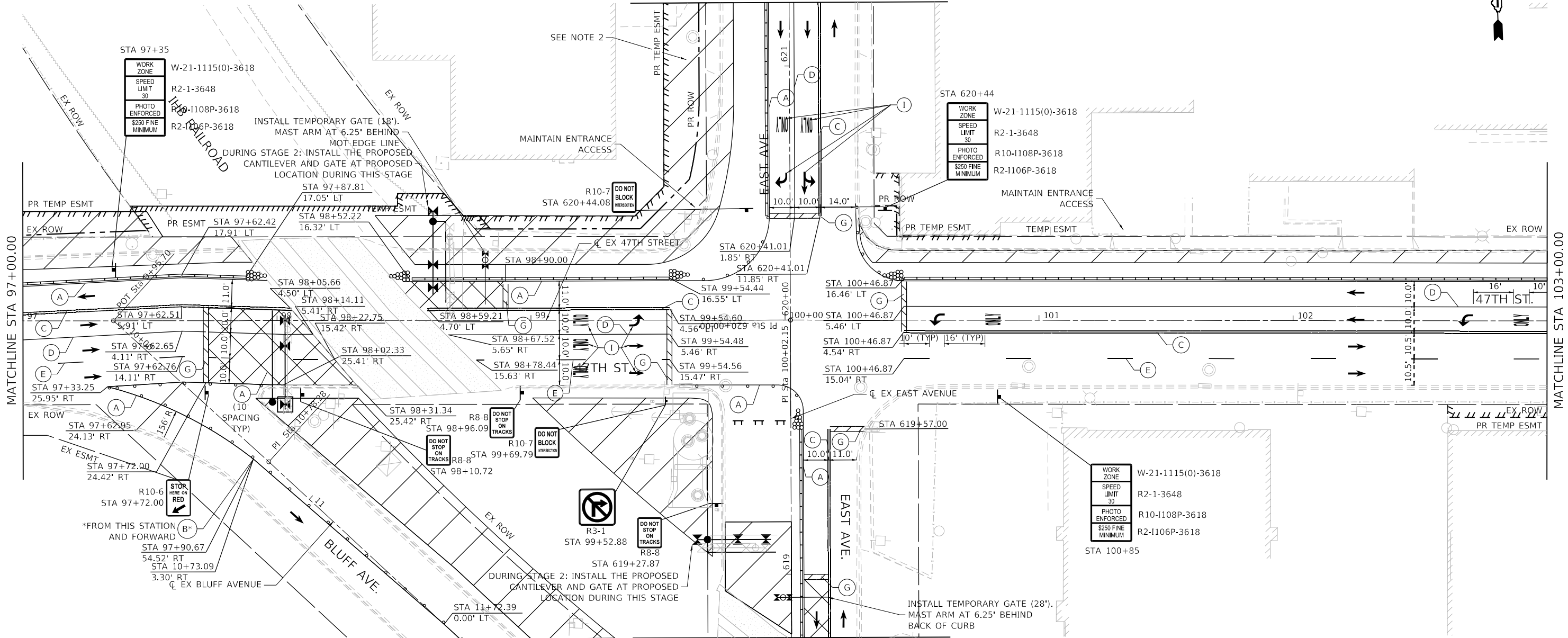
SCALE: 1" = 20' SHEET 3 OF 12 SHEETS STA. 91+00.00 TO STA. 97+00.00

REVISED ENTIRE SHEET 5/28/2024

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	117
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

MOT-19

MATCHLINE STA 621+25.00
SEE SHEET MOT-27



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
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- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

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3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - DVP	REVISED -
PLOT DATE = 5/7/2024	CHECKED - ALM	REVISED -
	DATE - 3/5/2024	REVISED -

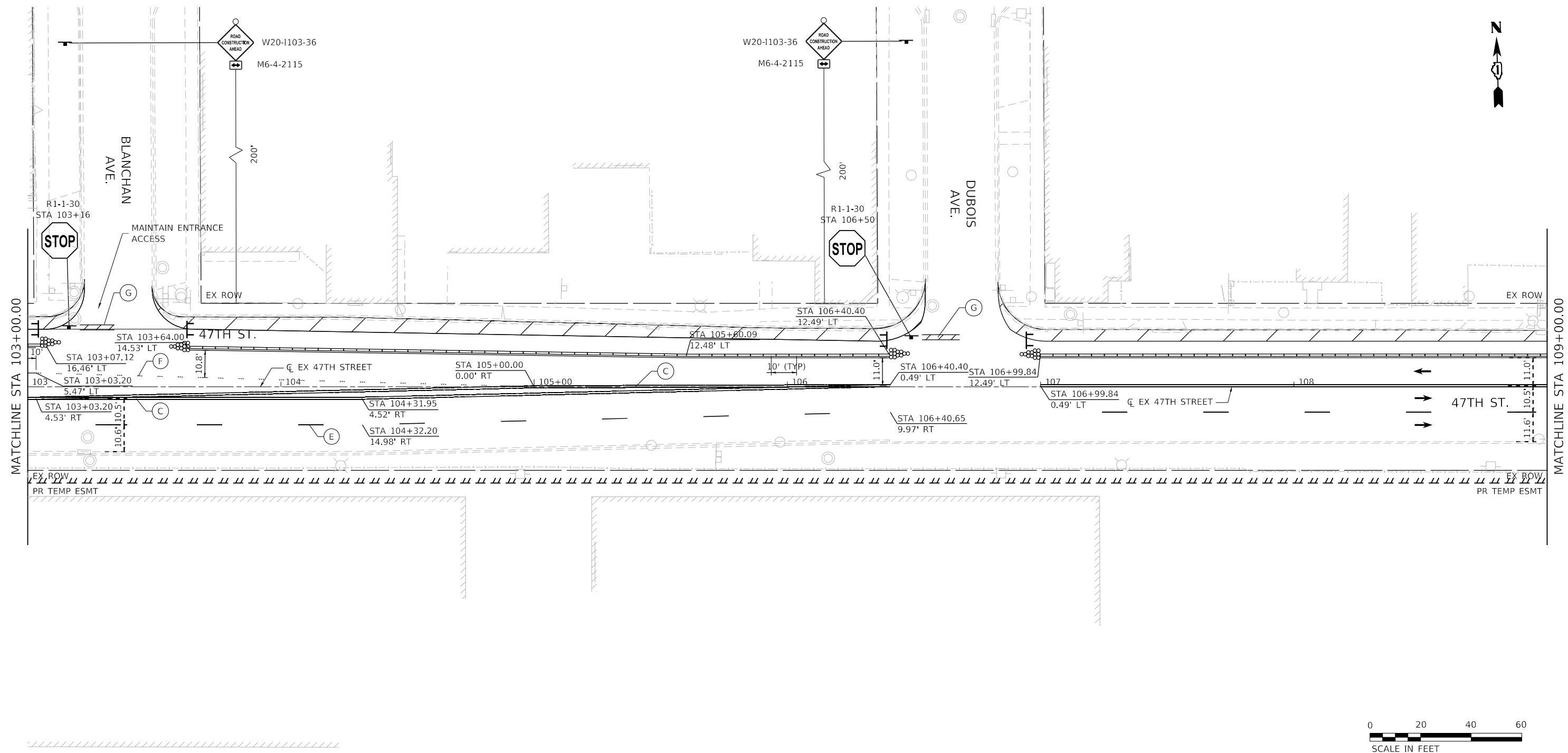
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL PLAN
STAGE 2**

SCALE: 1" = 20' SHEET 4 OF 12 SHEETS STA. 97+00.00 TO STA. 103+00.00

REVISED ENTIRE SHEET 5/28/2024

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	118
CONTRACT NO. 62F11			MOT-20	



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
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- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

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2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

REVISED ENTIRE SHEET 5/28/2024



USER NAME = EltzwillE	DESIGNED - NWS	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - DVP	REVISED -
PLOT DATE = 5/7/2024	CHECKED - ALM	REVISED -
	DATE - 3/5/2024	REVISED -

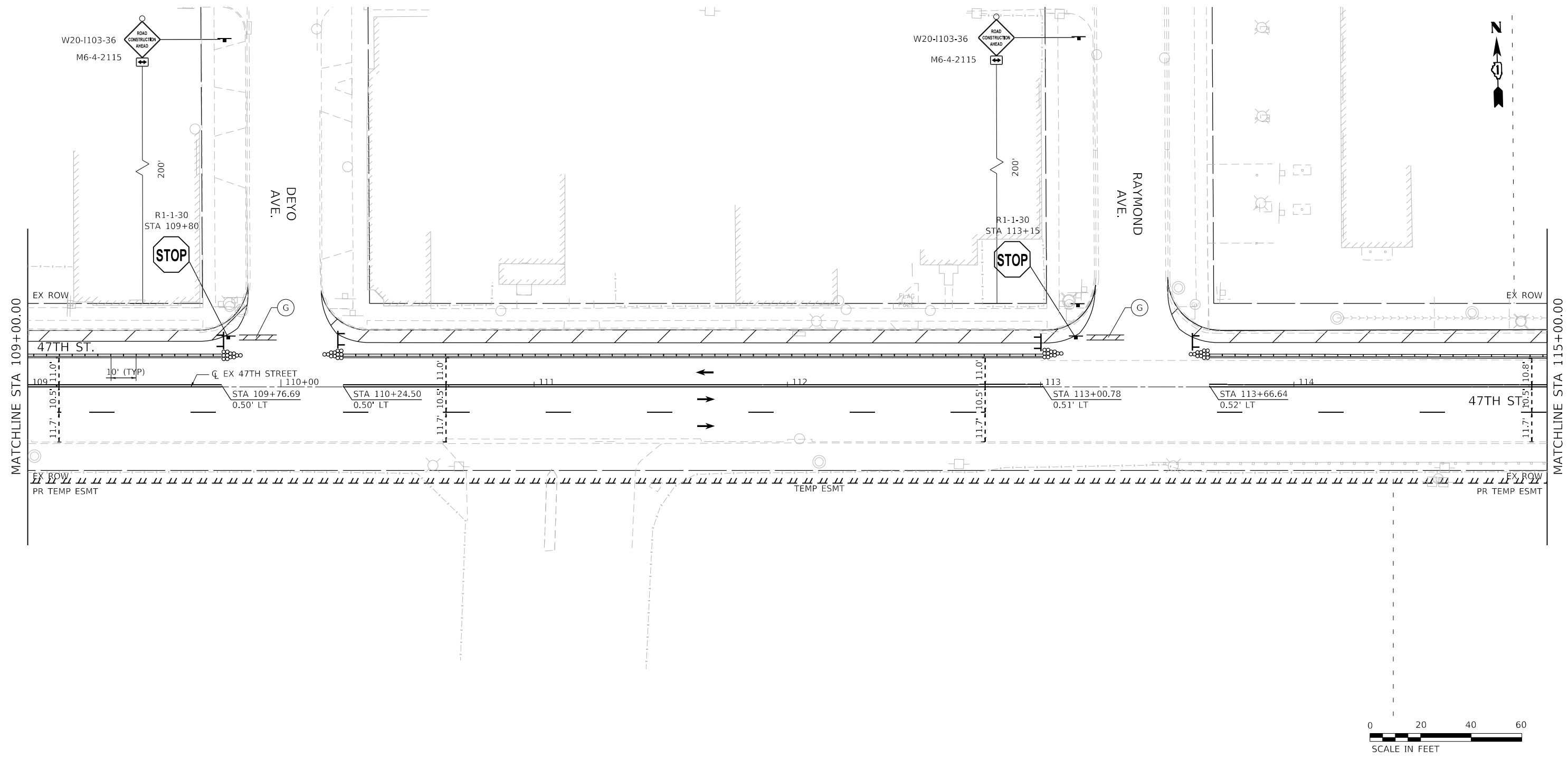
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE 2**

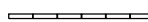




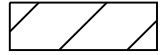



SCALE: 1" = 20' SHEET 5 OF 12 SHEETS STA. 103+00.00 TO STA. 109+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	119
CONTRACT NO. 62F11			MOT-21	
ILLINOIS FED. AID PROJECT				

PROJECT: 106231 - 11th/Johnston/005
 FILE NAME: 202405112024-000 47th Street at East Avenue/CAD/CAD_Sheets/D12/F11-eha-MDT Stage 2-005.dgn



LEGEND

-  TEMPORARY CONCRETE BARRIER
-  DRUM OR TYPE II BARRICADE
-  TYPE III BARRICADE
-  DIRECTION INDICATOR BARRICADE
-  ARROW BOARD
-  WORK ZONE
-  TRAFFIC CONTROL SIGN
-  IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
-  DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

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3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

 REVISED ENTIRE SHEET 5/28/2024

MOT-22



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
	DRAWN - DVP	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - ALM	REVISED -
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE 2**

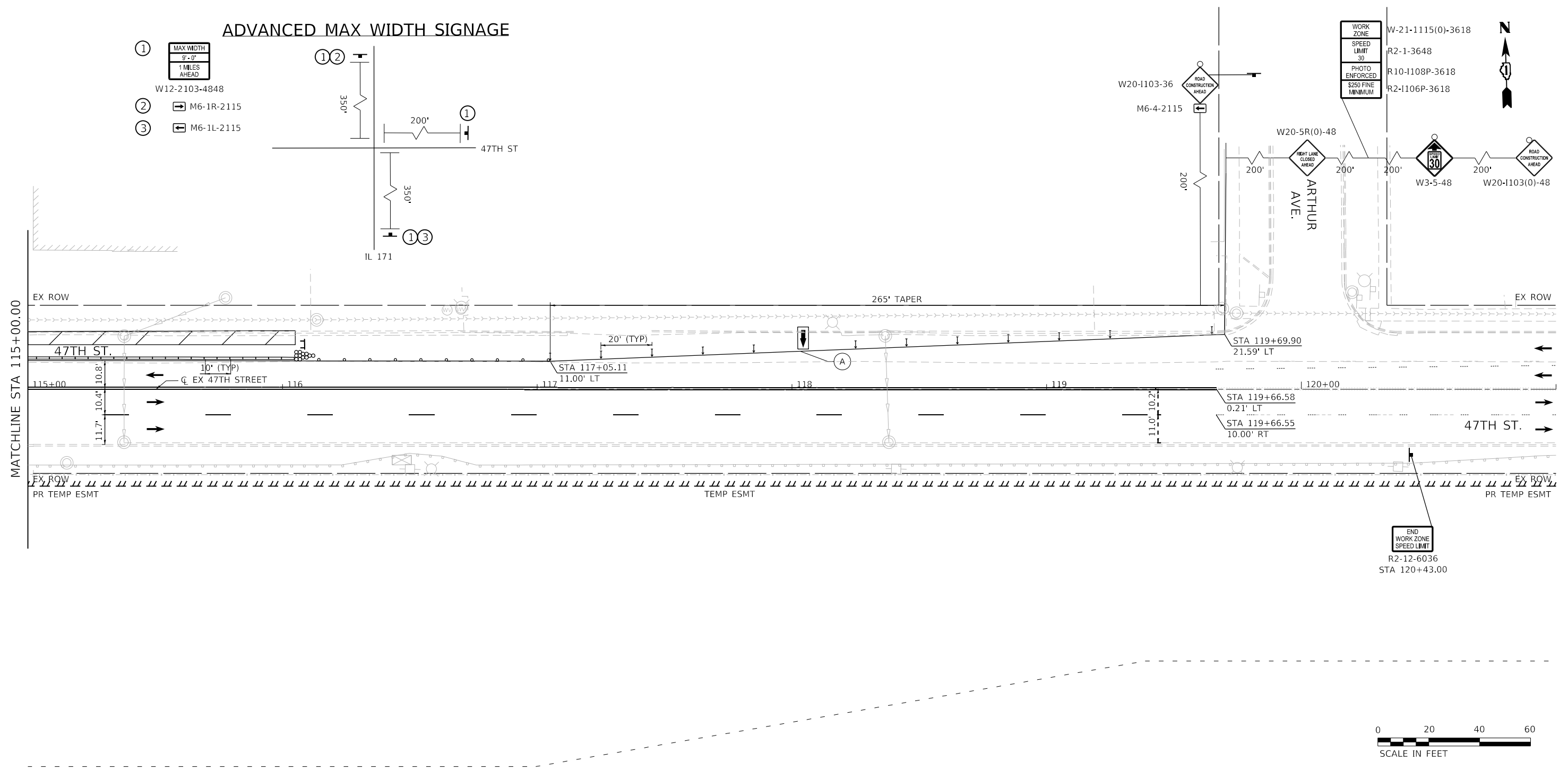
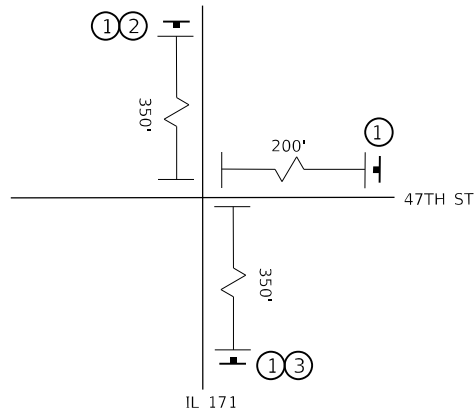
SCALE: 1" = 20' SHEET 6 OF 12 SHEETS STA. 109+00.00 TO STA. 115+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	120
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

PROJECT: 2022-01-01-006
 FILE NAME: 2022-01-01-006 47th Street at East Avenue/CAD/CAD_Sheets/112711-eh-MDT Stage 2-006.dgn

ADVANCED MAX WIDTH SIGNAGE

- ① MAX WIDTH
9'-0"
1 MILES
AHEAD
W12-2103-4848
- ② M6-1R-2115
- ③ M6-1L-2115



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

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REVISD ENTIRE SHEET 5/28/2024



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - DVP	REVISED -
PLOT DATE = 5/7/2024	CHECKED - ALM	REVISED -
	DATE - 3/5/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STAGE 2

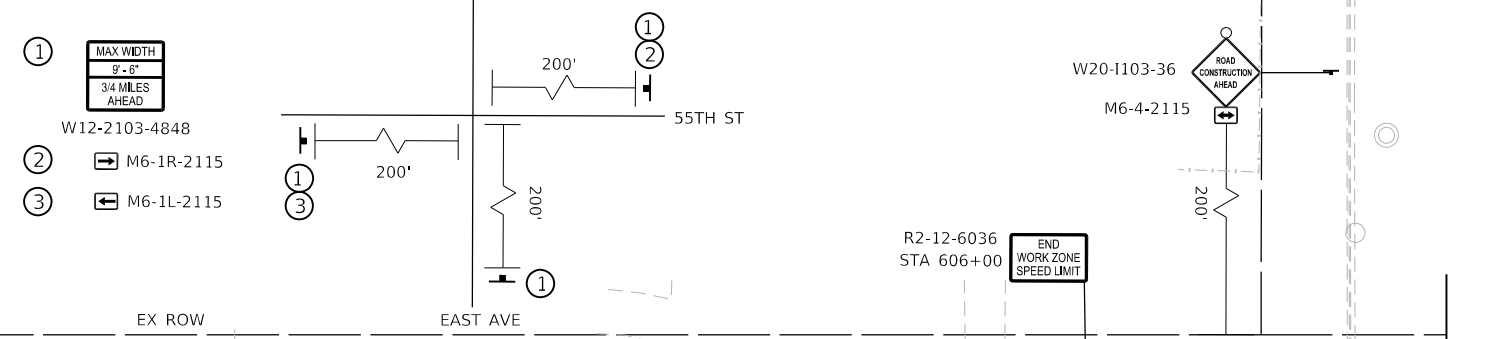
SCALE: 1" = 20' SHEET 7 OF 12 SHEETS STA. 115+00.00 TO STA. 121+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	121
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

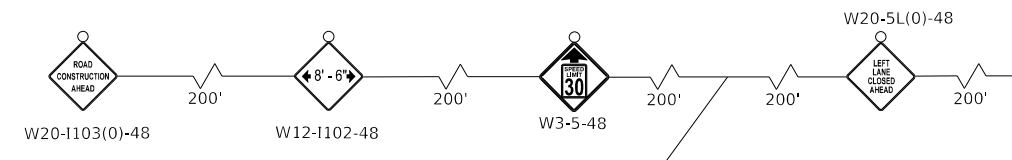
MOT-23



ADVANCED MAX WIDTH SIGNAGE



MATCHLINE STA 606+75.00



WORK ZONE	W-21-1115(0)-3618
SPEED LIMIT 30	R2-1-3648
PHOTO ENFORCED \$250 FINE MINIMUM	R10-1108P-3618
	R2-1106P-3618



MODEL D:\62311\rsch\mfc\0036
FILE NAME: 2024R112024-480 47th Street at East Avenue\CA\CAD_Sheets\112024-MOT Stage 2-10.dgn

LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

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- SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

REVISED ENTIRE SHEET 5/28/2024



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
	DRAWN - DVP	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - ALM	REVISED -
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -

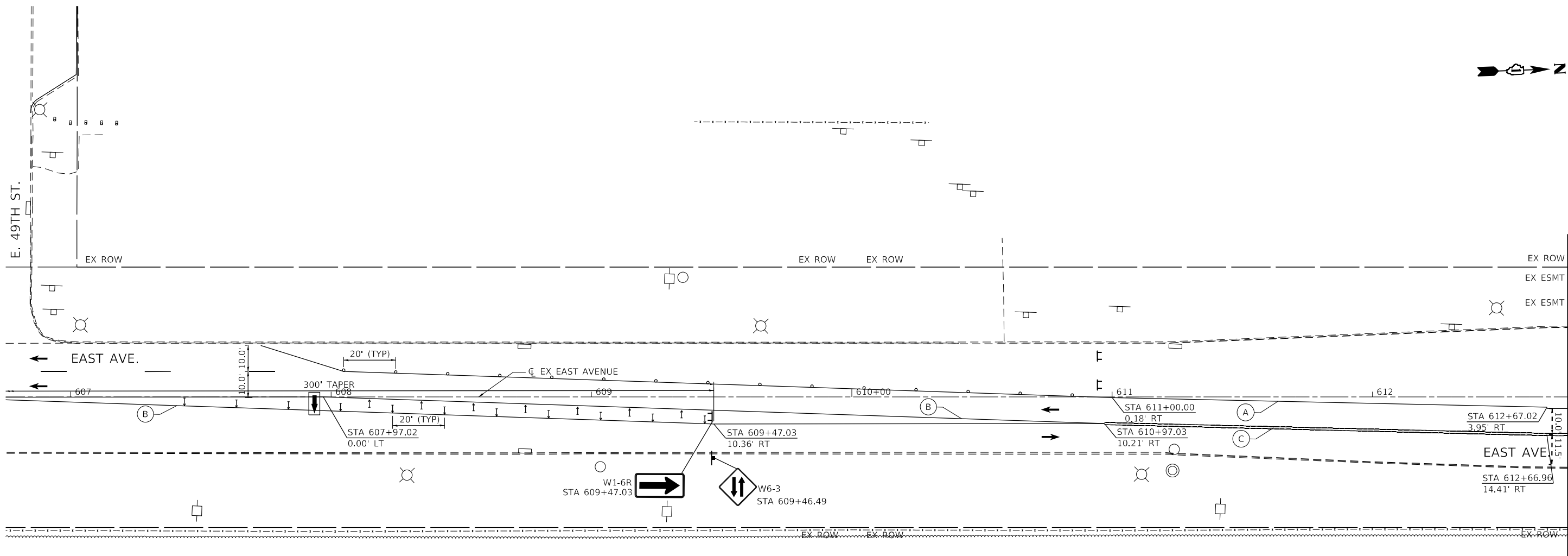
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN STAGE 2

SCALE: 1" = 20' SHEET 8 OF 12 SHEETS STA. 601+00.00 TO STA. 606+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	122
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

MOT-24



MATCHLINE STA 612+75.00



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
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- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

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⚠️ REVISED ENTIRE SHEET 5/28/2024

MOT-25



USER NAME = EtzwilleE	DESIGNED - NWS	REVISED -
DRAWN - DVP	CHECKED - ALM	REVISED -
PLOT SCALE = 40,0000 ' / in.	DATE - 3/5/2024	REVISED -
PLOT DATE = 5/7/2024		

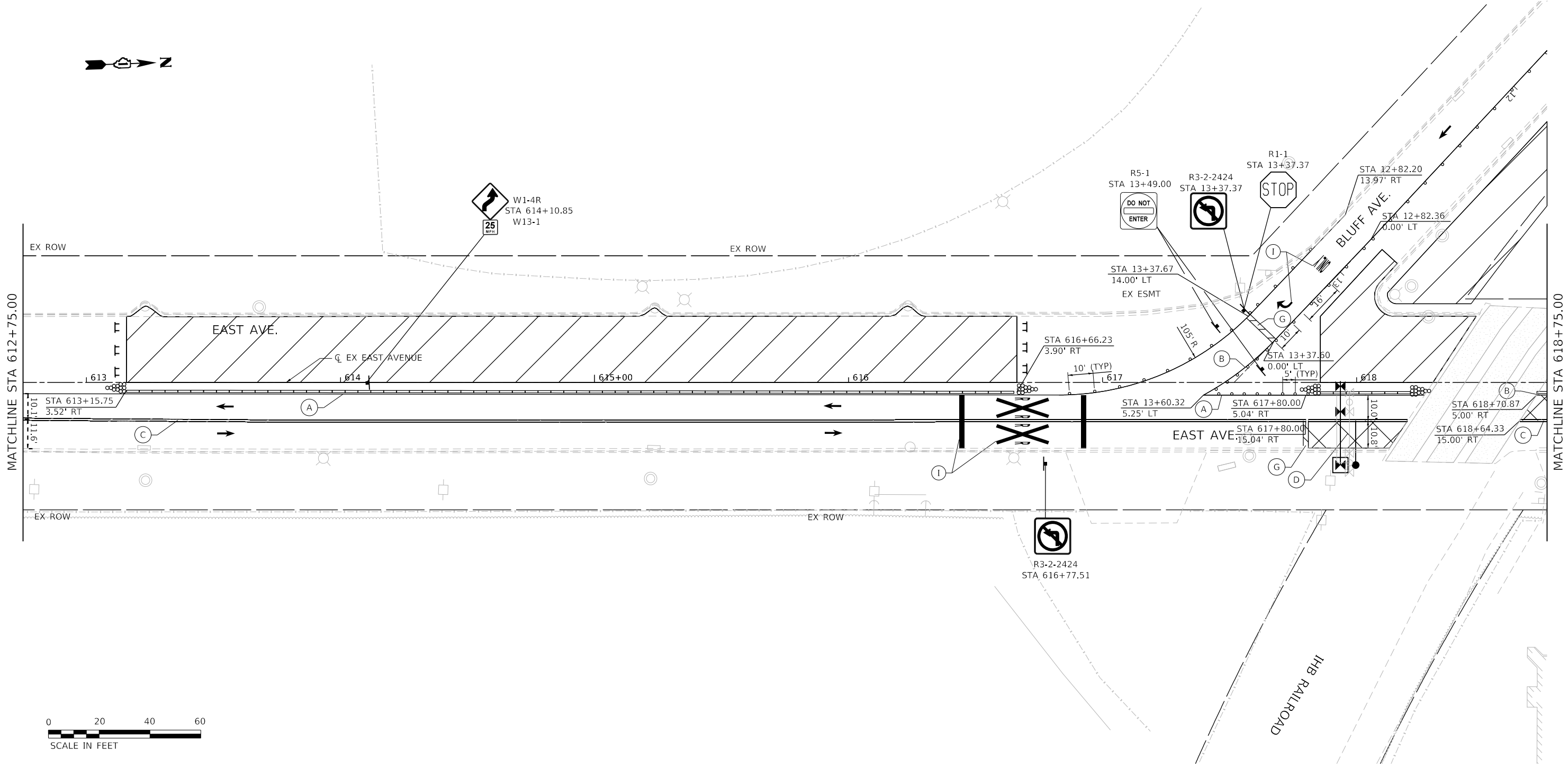
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE 2**

SCALE: 1" = 20' SHEET 9 OF 12 SHEETS STA. 606+75.00 TO STA. 612+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	123
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F11	

MODEL D16231 11-10-2019 00:06
FILE NAME: 3212TS-RR112024-000 47th Street at East Avenue/CAD/CAD_Sheets/D1623111-10-2019 Stage 2-011.dgn



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

- LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
- THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
- SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

REVISED ENTIRE SHEET 5/28/2024



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
	DRAWN - DVP	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - ALM	REVISED -
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STAGE 2

SCALE: 1" = 20' SHEET 10 OF 12 SHEETS STA. 612+75.00 TO STA. 618+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	124
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

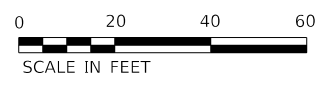
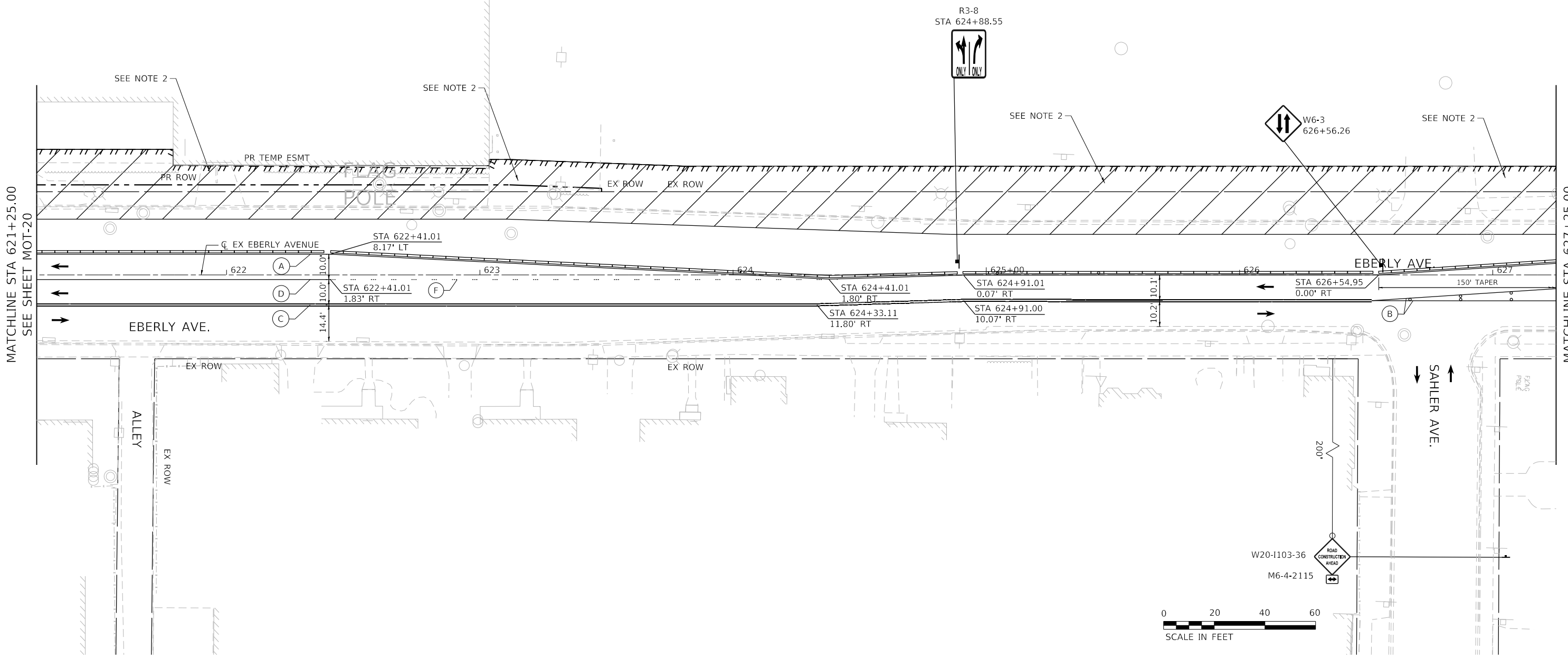
MOT-26

MODEL D16231 (Rev. 05/18/20) File Name: 3212TS-RR_1124024-400.dwg Plot Date: 5/7/2024 4:00 PM Plot Scale: 40.0000' / in. Plot Size: 24.0000 x 36.0000 in. Plot Title: Traffic Control Plan - Stage 2 - 2024.dgn



MATCHLINE STA 621+25.00
SEE SHEET MOT-20

MATCHLINE STA 627+25.00



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

REVISED ENTIRE SHEET 5/28/2024

MOT-27



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -	
	DRAWN - DVP	REVISED -	
PLOT SCALE = 40,0000 ' / in.	CHECKED - ALM	REVISED -	
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -	

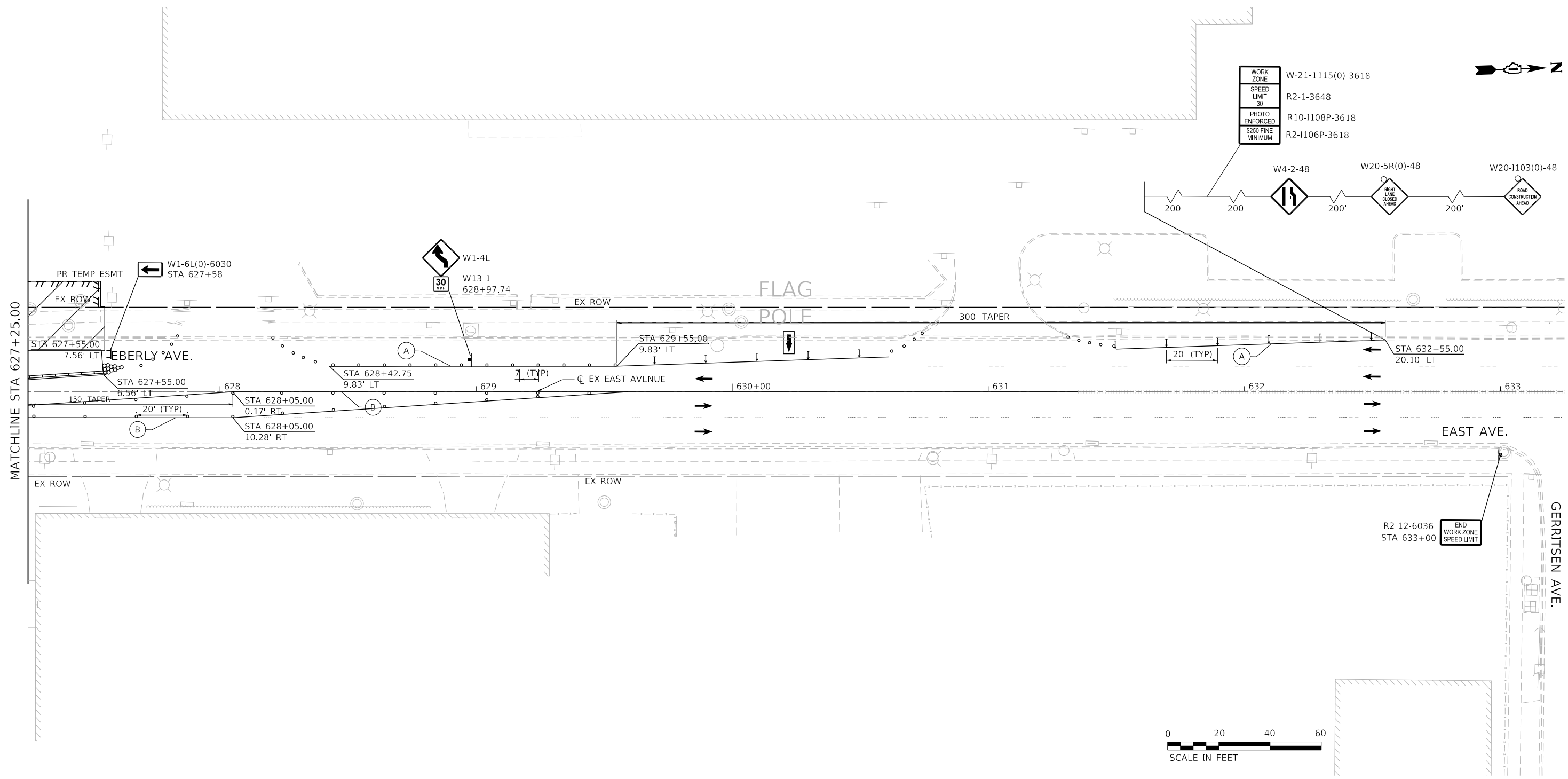
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
STAGE 2**

SCALE: 1" = 20' SHEET 11 OF 12 SHEETS STA. 621+25.00 TO STA. 627+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	125
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

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FILE NAME: 20240511-2024-05-08 47th Street at Eberly Avenue\CAD\CAD_Sheets\62711-TRM-MOT Stage 2-013.dgn



LEGEND

- TEMPORARY CONCRETE BARRIER
- DRUM OR TYPE II BARRICADE
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- ARROW BOARD
- WORK ZONE
- TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
- DIRECTION OF TRAVEL

- (A) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SOLID LINE
- (B) PAVEMENT MARKING TAPE, TYPE IV - 4" YELLOW SOLID LINE
- (C) PAVEMENT MARKING TAPE, TYPE IV - 4" DOUBLE YELLOW LINE 11" C-C
- (D) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SOLID LINE
- (E) PAVEMENT MARKING TAPE, TYPE IV - 4" WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- (F) PAVEMENT MARKING TAPE, TYPE IV - 6" WHITE SKIP DASH LINE (2' DASH, 6' SKIP)
- (G) PAVEMENT MARKING TAPE, TYPE IV - 24" WHITE STOP BAR
- (H) PAVEMENT MARKING TAPE, TYPE IV - 12" YELLOW DIAGONAL MEDIAN LINE
- (I) PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS

NOTES

1. LOCATIONS OF SIGNS ARE APPROXIMATE. THE ENGINEER SHALL ESTABLISH THE ACCEPTABLE LOCATIONS OF BARRICADES AND SIGNS.
2. THE CONTRACTOR IS TO MAINTAIN ACCESS TO PUBLIC AND PRIVATE DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
3. SEE DETOUR PLAN FOR ADDITIONAL SIGNING.

REVISED ENTIRE SHEET 5/28/2024



USER NAME = EtzwillE	DESIGNED - NWS	REVISED -
	DRAWN - DVP	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - ALM	REVISED -
PLOT DATE = 5/7/2024	DATE - 3/5/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL PLAN
STAGE 2**

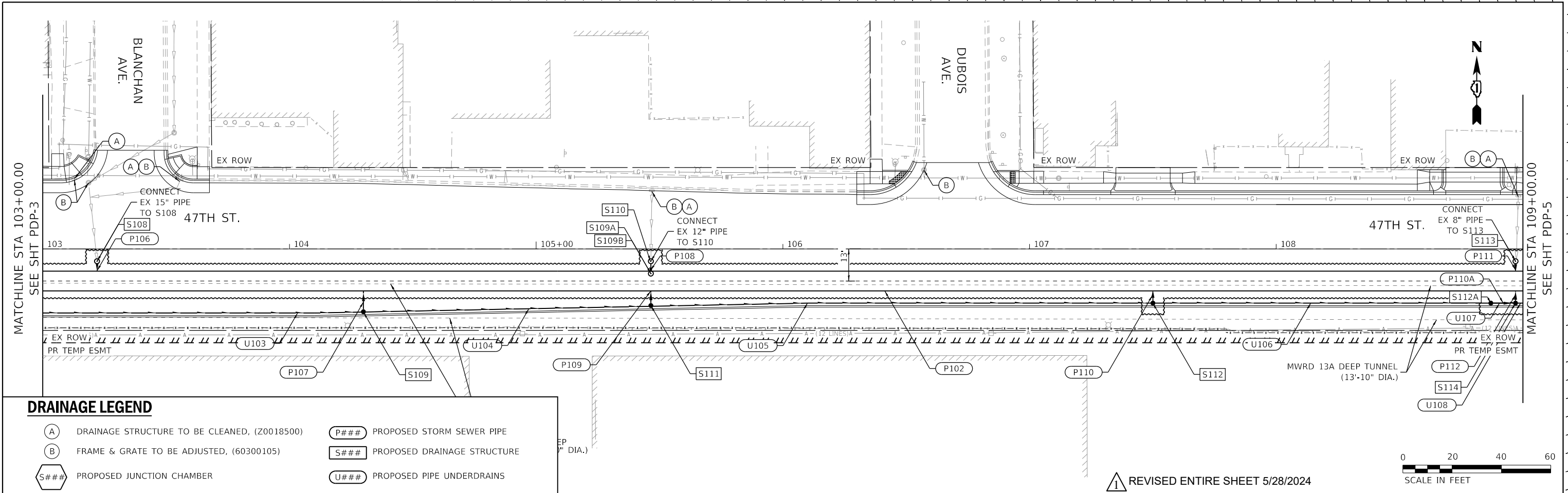
SCALE: 1" = 20' SHEET 12 OF 12 SHEETS STA. 627+25.00 TO STA. 633+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	126
CONTRACT NO. 62F11			ILLINOIS FED. AID PROJECT	

MOT-28

DATE	
BY	
SURVEYED	
PLANNED	
NOTE BOOK	
NO.	
ALIGNMENT CHECKED	
GRADE CHECKED	
STRUCTURE NOTATION CHECKED	
CADD FILE NAME	
NO.	

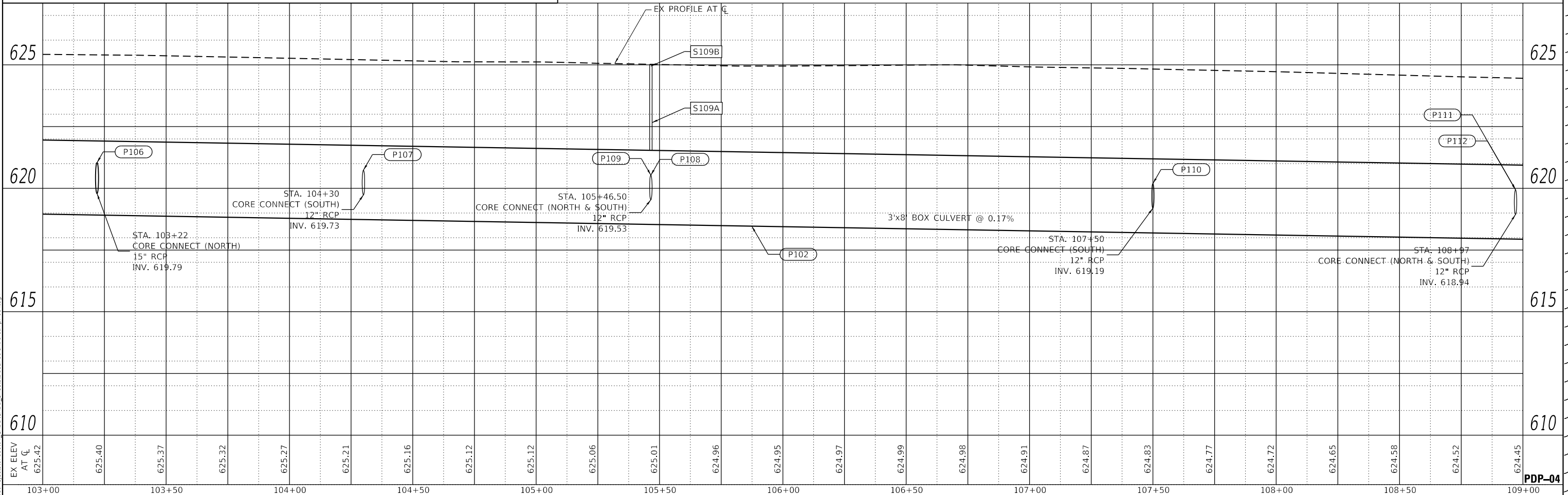
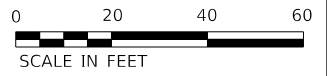
DATE	
BY	
SURVEYED	
PLANNED	
NOTE BOOK	
NO.	
ALIGNMENT CHECKED	
GRADE CHECKED	
STRUCTURE NOTATION CHECKED	
CADD FILE NAME	
NO.	



DRAINAGE LEGEND

- (A) DRAINAGE STRUCTURE TO BE CLEANED, (Z0018500)
- (B) FRAME & GRATE TO BE ADJUSTED, (60300105)
- (S###) PROPOSED DRAINAGE STRUCTURE
- (P###) PROPOSED STORM SEWER PIPE
- (U###) PROPOSED PIPE UNDERDRAINS
- (J###) PROPOSED JUNCTION CHAMBER

REVISI... REVISED ENTIRE SHEET 5/28/2024



MODEL: D:\162F11\162F11-162F11.dwg
FILE NAME: I:\162F11\162F11-162F11.dwg



USER NAME =	mjablonowska	DESIGNED -	VP	REVISED -	
DRAWN -	TS	REVISED -			
PLOT SCALE =	40,0000' / in.	CHECKED -	CLG	REVISED -	
PLOT DATE =	4/25/2024	DATE -	3/5/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST AVENUE AT 47TH STREET
DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET 4 OF 17 SHEETS STA. 103+00 TO STA. 109+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	160
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

PDP-04

BY	DATE

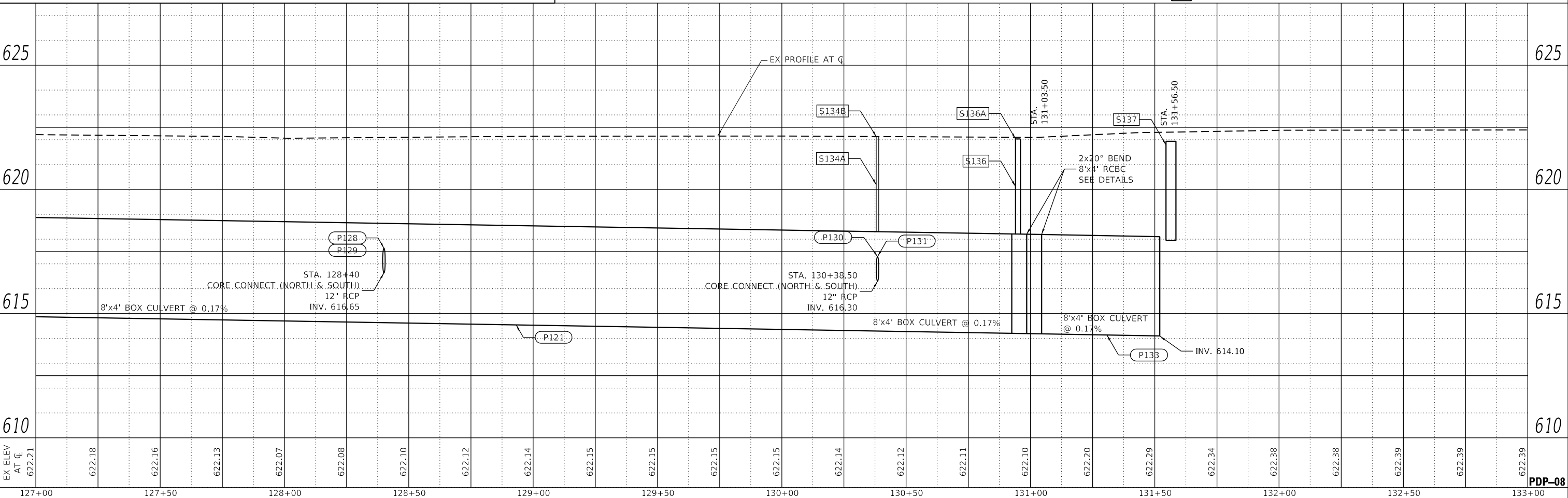
BY	DATE

MODEL: D:\62F11\sh-cad\pdp-008.dgn
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MATCHLINE STA 127+00.00
 SEE SHT PDP-7

DRAINAGE LEGEND

- (A) DRAINAGE STRUCTURE TO BE CLEANED, (Z0018500)
- (B) FRAME & GRATE TO BE ADJUSTED, (60300105)
- (S###) PROPOSED DRAINAGE STRUCTURE
- (U###) PROPOSED PIPE UNDERDRAINS
- (P###) PROPOSED STORM SEWER PIPE
- (S###) PROPOSED DRAINAGE STRUCTURE
- (U###) PROPOSED PIPE UNDERDRAINS



REVISD ENTIRE SHEET 5/28/2024



USER NAME =	mjablonowska
DESIGNED -	VP
DRAWN -	TS
CHECKED -	CLG
DATE -	3/5/2024
PLOT SCALE =	40,0000 ' / in.
PLOT DATE =	4/25/2024

DESIGNED -	VP	REVISED -	
DRAWN -	TS	REVISED -	
CHECKED -	CLG	REVISED -	
DATE -	3/5/2024	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20'		SHEET 8 OF 17 SHEETS		STA. 127+00 TO STA. 133+00	
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EAST AVENUE AT 47TH STREET
 DRAINAGE PLAN AND PROFILE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	164
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

PDP-08

STRUCTURE SCHEDULE

SHEET NO.	STRUCTURE NUMBER	ALIGNMENT	STATION	OFFSET (-)LT / (+)RT	WIDTH (FT)	RIM ELEV.	INVERTS								PAY ITEM	PAY ITEM DESCRIPTION
							N	NE	E	SE	S	SW	W	NW		
PDP-3	EX MH	47TH STREET	99+75.50	24	6	627.98			623.31				623.33		X0323389	STORM SEWER CONNECTION
PDP-3	S102	47TH STREET	100+18.00	16.7	2	627.37									60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID
PDP-3	S102A	47TH STREET	100+18.00	16.7	2										X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)
PDP-3	S103	47TH STREET	100+15.50	13	16			619.42		619.42			622.41		X1200087	JUNCTION CHAMBER NO. 1
PDP-3	S104	47TH STREET	100+20.00	9.3	2	627.38									60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID
PDP-3	S104A	47TH STREET	100+20.00	9.3	2										X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)
PDP-3	S105	47TH STREET	100+96.00	5	4	625.99	622.39				620.34				60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-3	S105A	47TH STREET	101+15.00	26	4	625.53	620.39								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-3	S106	47TH STREET	101+65.00	5	4	625.44	621.32				620.22				60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-3	S107	47TH STREET	101+65.00	26	4	624.88	620.30								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-3	S107A	47TH STREET	102+25.00	26	4	625.00	620.23								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-4	S108	47TH STREET	103+22.00	5	4	625.38	621.32				619.83				60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-4	S109	47TH STREET	104+30.00	25.5	4	624.60	619.84								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-4	S109A	47TH STREET	105+46.50	10	2										X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)
PDP-4	S109B	47TH STREET	105+46.50	10	2	624.72									60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID
PDP-4	S110	47TH STREET	105+46.50	5	4	624.94	621.22				619.57				60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-4	S111	47TH STREET	105+46.50	23	4	624.15	619.59								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-4	S112	47TH STREET	107+50.00	22	4	624.10	619.23								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-4	S112A	47TH STREET	108+87.00	22	4	623.68		619.62							60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-4	S113	47TH STREET	108+97.00	5	4	624.33	620.85				619.00				60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-4	S114	47TH STREET	108+97.00	22	4	623.65	619.00						619.50		60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-5	S115	47TH STREET	110+00.00	13	5			617.03					617.77		X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)
PDP-5	S116	47TH STREET	110+00.00	17	2	623.99									60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID
PDP-5	S116A	47TH STREET	110+00.00	17	2										X1200254	JUNCTION CHAMBER NO. 3
PDP-5	S117	47TH STREET	110+58.00	22	4	623.60	619.01								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-5	S118	47TH STREET	112+05.00	5	4	623.80	620.37				618.87				60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-5	S119	47TH STREET	112+05.00	22	4	623.26	618.87								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-5	S119A	47TH STREET	114+00.00	22	4	623.06	618.67								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-6	S120	47TH STREET	115+38.00	5	4	623.37	619.64				618.53				60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-6	S121	47TH STREET	115+38.00	22	4	622.58	618.53								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-6	S121A	47TH STREET	115+40.00	16	2	622.97									60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID
PDP-6	S121B	47TH STREET	115+40.00	16	2										X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)
PDP-6	S121C	47TH STREET	117+35.00	22	4	622.35	618.33								60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-6	S122	47TH STREET	118+38.00	5	4	622.82	MATCH EX				618.22				60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-6	S123	47TH STREET	118+38.00	22	4	621.79	618.22								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-6	S125	47TH STREET	120+50.00	16	2	622.45									60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID
PDP-6	S125A	47TH STREET	120+50.00	16	2										X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)
PDP-7	S126	47TH STREET	121+95.00	5	4	622.34	MATCH EX				617.77				60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-7	S127	47TH STREET	121+95.00	22	4	621.45	617.77								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-7	S128	47TH STREET	124+40.00	27.5	4	621.41	617.46								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-7	S129	47TH STREET	125+11.50	5	4	622.08	MATCH EX				617.22				60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-7	S130	47TH STREET	125+11.50	29	4	621.16	617.36								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-8	S130A	47TH STREET	125+14.00	10	2	621.95									60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID
PDP-8	S130B	47TH STREET	125+14.00	10	2										X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)
PDP-8	S131	47TH STREET	127+35.00	29	4	621.35	617.08								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-8	S132	47TH STREET	128+40.00	5	4	621.95	MATCH EX				616.69				60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-8	S133	47TH STREET	128+40.00	29	4	621.00	616.83			617.33					60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-8	S133A	47TH STREET	128+50.00	29	4	621.05							617.45		60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-8	S134	47TH STREET	130+38.50	5	4	622.07	MATCH EX				616.34				60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-8	S134A	47th STREET	130+38.50	10	2										X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)
PDP-8	S134B	47th STREET	130+38.50	10	2	621.92									60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID

1

PLOT DATE = 4/29/2024
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 PLOT SCALE = 40,0006" / in.
 USER NAME = mjablonska

REVISD ENTIRE SHEET 5/28/2024

PDP-13



DESIGNED - VP	REVISD -
DRAWN - TS	REVISD -
CHECKED - CLG	REVISD -
DATE - 3/5/2024	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EAST AVENUE AT 47TH STREET
DRAINAGE STRUCTURE SCHEDULE**

SCALE: N.T.S. SHEET 13 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	169
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

STRUCTURE SCHEDULE

SHEET NO.	STRUCTURE NUMBER	ALIGNMENT	STATION	OFFSET (-)LT / (+)RT	WIDTH (FT)	RIM ELEV.	INVERTS								PAY ITEM	PAY ITEM DESCRIPTION
							N	NE	E	SE	S	SW	W	NW		
PDP-8	S135	47TH STREET	130+38.50	29	4	621.45	616.48								60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-8	S136	47TH STREET	130+95.00	10	2	622.00									60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID
PDP-8	S136A	47TH STREET	130+95.00	10	2										X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)
PDP-8	S137	47TH STREET	131+56.50	33	4	621.94							MATCH EX		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-8	HW(016-C019)	47TH STREET	131+62.07	62.34	26										50300225	CONCRETE STRUCTURES
PDP-9	S200	EAST AVENUE	613+23.00	-30	4	629.11		625.09	624.92						60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-9	S201	EAST AVENUE	613+23.00	25.5	6	629.08	621.61	626.50	626.00				624.41		60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-9	EX MH	EAST AVENUE	613+23.00	38.5	6	630.68							626.09		X0323389	STORM SEWER CONNECTION
PDP-9	S202	EAST AVENUE	613+31.00	-25.5	4	629.15						625.14			60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-9	S203	EAST AVENUE	613+35.00	26.5	2	629.08						626.58			60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE
PDP-9	S204	EAST AVENUE	615+15.00	26.5	2	628.60		626.19							60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE
PDP-9	S205	EAST AVENUE	615+15.00	-25	2	628.70								625.42	60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE
PDP-9	S206	EAST AVENUE	615+23.50	-29	4	628.61		625.36	624.86	625.36	625.98				60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-9	S207	EAST AVENUE	615+23.50	25.5	6	628.69	621.35	626.10	625.98	626.10	621.37		624.39		60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-9	EX MH	EAST AVENUE	615+23.50	38	6	630.18							626.07		X0323389	STORM SEWER CONNECTION
PDP-9	S208	EAST AVENUE	615+30.00	-25.5	2	628.75						625.45			60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE
PDP-9	S209	EAST AVENUE	615+31.00	26.5	2	628.60						626.19			60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE
PDP-10	S210	EAST AVENUE	616+23.50	-30	4	628.77			624.83						60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-10	S211	EAST AVENUE	616+24.00	25.5	6	629.20	621.20		624.35		621.22		624.35		60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-10	S211A	EAST AVENUE	616+24.00	37.5	6	630.12	623.00				623.95		624.47		60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-10	S212	EAST AVENUE	616+68.00	37.5	6	630.18	622.33				622.42				60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-10	S213	EAST AVENUE	617+70.00	13	5		620.85				621.00				X1200214	JUNCTION CHAMBER NO. 2
PDP-10	S214	EAST AVENUE	617+70.00	6.5	2	630.38									60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID
PDP-10	S214A	EAST AVENUE	617+70.00	6.5	2										X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)
PDP-10	S215	EAST AVENUE	617+70.00	19.5	2	630.07									60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID
PDP-10	S215A	EAST AVENUE	617+70.00	19.5	2										X1200058	INLET RISER STRUCTURES (OPEN BOTTOM)
PDP-10	S216	EAST AVENUE	618+72.50	40	2	628.85								625.00	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE
PDP-10	S217	EAST AVENUE	619+25.00	19	5	628.67	619.80		623.77	619.83					60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-10	S218	EAST AVENUE	619+25.00	26	4	628.39	624.50			624.50			623.80		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-10	S219	EAST AVENUE	619+55.00	28	4	627.70					625.00				60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-11	S300	BLUFF AVENUE	12+09.00	14	2	629.10			625.35						60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE
PDP-11	S301	BLUFF AVENUE	12+09.00	-14	2	629.10			625.33						60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE
PDP-11	S302	BLUFF AVENUE	12+18.00	14	4	629.00		624.50	625.29				625.29		60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-11	S303	BLUFF AVENUE	12+18.00	-14	4	629.00		624.00	625.27		624.28		625.27		60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE
PDP-11	S304	BLUFF AVENUE	12+20.00	-20.5	6	629.55			621.46		623.94		621.48		60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID
PDP-11	S305	BLUFF AVENUE	12+27.00	14	2	629.10							625.35		60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE
PDP-11	S306	BLUFF AVENUE	12+27.00	-14	2	629.10							625.33		60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE

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PLOT DATE = 4/26/2024

DESIGNED - VP
DRAWN - TS
CHECKED - CLG
DATE - 3/5/2024

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

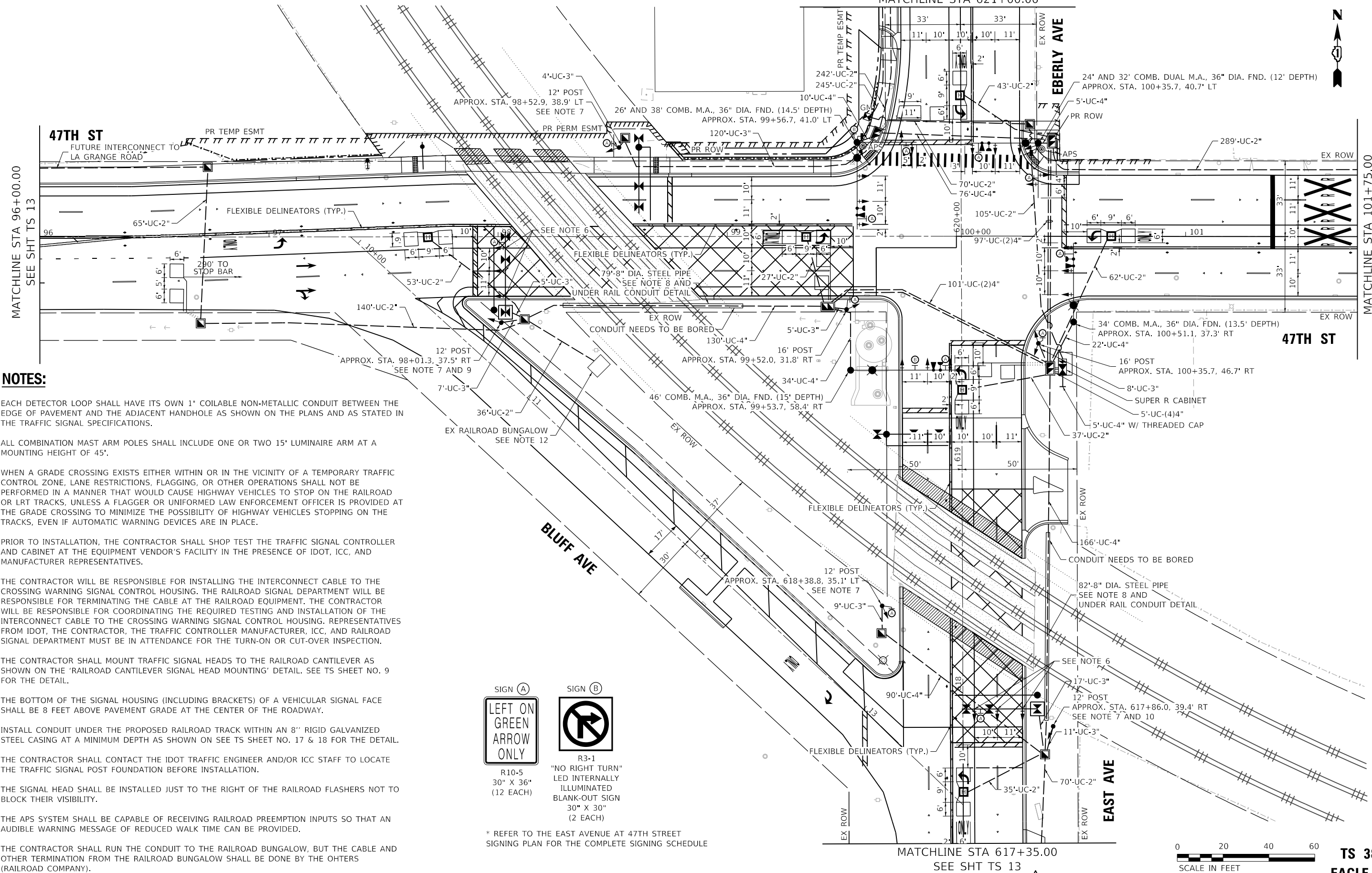
**EAST AVENUE AT 47TH STREET
DRAINAGE STRUCTURE SCHEDULE**

SCALE: N.T.S. SHEET 14 OF 17 SHEETS STA. TO STA.

REVISED ENTIRE SHEET 5/28/2024 **PDP-14**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	170
				CONTRACT NO. 62F11
		ILLINOIS	FED. AID PROJECT	

SEE SHT TS 13
MATCHLINE STA 621+00.00



1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. ALL COMBINATION MAST ARM POLES SHALL INCLUDE ONE OR TWO 15' LUMINAIRE ARM AT A MOUNTING HEIGHT OF 45'.
3. WHEN A GRADE CROSSING EXISTS EITHER WITHIN OR IN THE VICINITY OF A TEMPORARY TRAFFIC CONTROL ZONE, LANE RESTRICTIONS, FLAGGING, OR OTHER OPERATIONS SHALL NOT BE PERFORMED IN A MANNER THAT WOULD CAUSE HIGHWAY VEHICLES TO STOP ON THE RAILROAD OR LRT TRACKS, UNLESS A FLAGGER OR UNIFORMED LAW ENFORCEMENT OFFICER IS PROVIDED AT THE GRADE CROSSING TO MINIMIZE THE POSSIBILITY OF HIGHWAY VEHICLES STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE.
4. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL SHOP TEST THE TRAFFIC SIGNAL CONTROLLER AND CABINET AT THE EQUIPMENT VENDOR'S FACILITY IN THE PRESENCE OF IDOT, ICC, AND MANUFACTURER REPRESENTATIVES.
5. THE CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING THE INTERCONNECT CABLE TO THE CROSSING WARNING SIGNAL CONTROL HOUSING. THE RAILROAD SIGNAL DEPARTMENT WILL BE RESPONSIBLE FOR TERMINATING THE CABLE AT THE RAILROAD EQUIPMENT. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING THE REQUIRED TESTING AND INSTALLATION OF THE INTERCONNECT CABLE TO THE CROSSING WARNING SIGNAL CONTROL HOUSING. REPRESENTATIVES FROM IDOT, THE CONTRACTOR, THE TRAFFIC CONTROLLER MANUFACTURER, ICC, AND RAILROAD SIGNAL DEPARTMENT MUST BE IN ATTENDANCE FOR THE TURN-ON OR CUT-OVER INSPECTION.
6. THE CONTRACTOR SHALL MOUNT TRAFFIC SIGNAL HEADS TO THE RAILROAD CANTILEVER AS SHOWN ON THE 'RAILROAD CANTILEVER SIGNAL HEAD MOUNTING' DETAIL. SEE TS SHEET NO. 9 FOR THE DETAIL.
7. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE SHALL BE 8 FEET ABOVE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
8. INSTALL CONDUIT UNDER THE PROPOSED RAILROAD TRACK WITHIN AN 8" RIGID GALVANIZED STEEL CASING AT A MINIMUM DEPTH AS SHOWN ON SEE TS SHEET NO. 17 & 18 FOR THE DETAIL.
9. THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC ENGINEER AND/OR ICC STAFF TO LOCATE THE TRAFFIC SIGNAL POST FOUNDATION BEFORE INSTALLATION.
10. THE SIGNAL HEAD SHALL BE INSTALLED JUST TO THE RIGHT OF THE RAILROAD FLASHERS NOT TO BLOCK THEIR VISIBILITY.
11. THE APS SYSTEM SHALL BE CAPABLE OF RECEIVING RAILROAD PREEMPTION INPUTS SO THAT AN AUDIBLE WARNING MESSAGE OF REDUCED WALK TIME CAN BE PROVIDED.
12. THE CONTRACTOR SHALL RUN THE CONDUIT TO THE RAILROAD BUNGALOW, BUT THE CABLE AND OTHER TERMINATION FROM THE RAILROAD BUNGALOW SHALL BE DONE BY THE OHTERS (RAILROAD COMPANY).



* REFER TO THE EAST AVENUE AT 47TH STREET
SIGNING PLAN FOR THE COMPLETE SIGNING SCHEDULE



TS 3812
EAGLE 2B

REVISOR'S MARK: REVISED ENTIRE SHEET 5/28/2024

TS SHT NO. 9

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USER NAME = mjablonska	DESIGNED - GG	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - GG	REVISED -
PLOT DATE = 4/25/2024	CHECKED - CLG	REVISED -
	DATE - 3/5/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN (SHEET 1 OF 2)
EAST AVENUE AT 47TH STREET

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

F.A.U. RTE. 2719	SECTION 3212TS-RR	COUNTY COOK	TOTAL SHEETS 336	SHEET NO. 235
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

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REVISED ENTIRE SHEET 5/28/2024



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PLOT SCALE = 40,0000 ' / in.	CHECKED - CLG	REVISED -
PLOT DATE = 4/29/2024	DATE - 3/5/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	236
			CONTRACT NO. 62F11	
		ILLINOIS FED. AID PROJECT		

NOTES:

1. CONTRACTOR SHALL FURNISH AND INSTALL AN "EAGLE" BRAND TRAFFIC ACTUATED SOLID STATE CONTROLLER TO ACCOMMODATE PRE-SIGNALS ON THE SOUTH AND WEST LEGS OF THE INTERSECTION.
2. ALL RED INDICATIONS MUST HAVE LED SIGNAL FACE LENS COVER

FUTURE INTERCONNECT TO LA GRANGE ROAD (BY OTHERS)

FUTURE TRACER CABLE (BY OTHERS)

47TH ST

EBERLY AVE

EAST AVE

47TH ST

BLUFF AVE

INDIVIDUALLY SHIELDED
EXISTING RAILROAD CONTROLLER CABINET

SUPER R CABINET (SEE NOTE 1)
INSTALL CELLULAR MODEM



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	31	11	341
4-SECTION	-	14	-
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	2	15	30
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	2	25	50
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	1	15	15
TOTAL UPS SIZING		646	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	4	240	960
TOTAL SERVICE WIRE SIZING		2,211	

ENERGY COSTS TO:
VILLAGE OF LAGRANGE
53 SOUTH LA GRANGE ROAD
LA GRANGE, IL 60525

ENERGY SUPPLY: CONTACT: MARSHA CAMPBELL
PHONE: 630-985-0569
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 5307050189
METER NUMBER:

CABLE PLAN
(NOT TO SCALE)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
EAST AVENUE AT 47TH STREET

REVISED ENTIRE SHEET 5/28/2024

TS 3812
EAGLE 2B

TS SHT NO. 12

MODEL: D:\62F11\ts-sht12.dwg
FILE NAME: 62F11\TS SHT 12.dwg
DATE: 4/25/2024



USER NAME = mjablonska
DESIGNED - GG
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PLOT DATE = 4/25/2024

REVISOR - GG
CHECKED - CLG
DATE - 3/5/2024

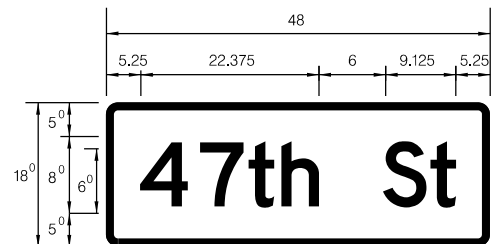
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DATE - 3/5/2024

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	237
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

SIGN PANEL - TYPE 1

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



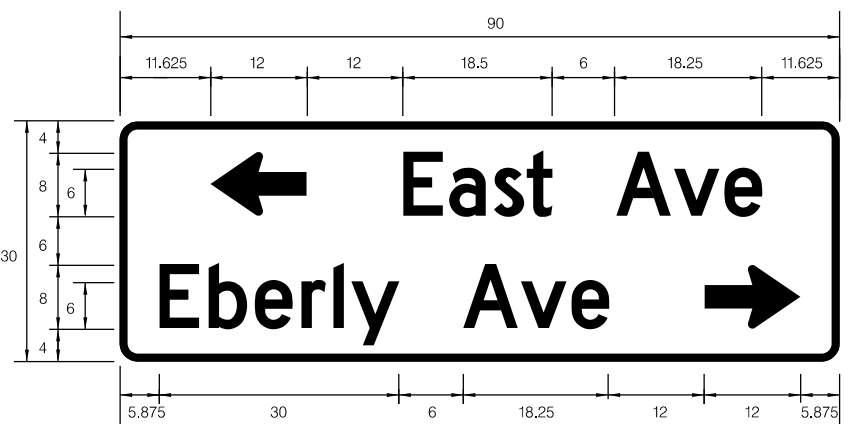
DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6	1	ZZ	2

SIGN PANEL - TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	18.75	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	18.75	2	ZZ	1

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	12
SIGN PANEL - TYPE 2	SQ FT	38
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,487
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	186
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	954
HANDHOLE	EACH	8
HEAVY-DUTY HANDHOLE	EACH	7
DOUBLE HANDHOLE	EACH	4
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	374
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,258
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	6,467
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4,991
ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	315
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	505
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,921
TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT.	EACH	4
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 24 FT. AND 32 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 26 FT. AND 38 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	28
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	55
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	22
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	22
INDUCTIVE LOOP DETECTOR	EACH	20
DETECTOR LOOP, TYPE I	FOOT	885
* LIGHT DETECTOR	EACH	4
* LIGHT DETECTOR AMPLIFIER	EACH	1
ILLUMINATED SIGN, LED	EACH	2
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	778
CELLULAR MODEM	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
COMBINATION LIGHTING CONTROLLER	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
LED SIGNAL FACE, LENS COVER	EACH	31
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1
RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
STEEL CASINGS 8"	FOOT	195

* 100% COST TO THE VILLAGE OF LAGRANGE



TS SHT NO. 13

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USER NAME = mjablonowska	DESIGNED - GG	REVISIONS
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PLOT DATE = 4/25/2024	CHECKED - CLG	REVISIONS
	DATE - 3/5/2024	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS
AND SCHEDULE OF QUANTITIES
EAST AVENUE AT 47TH STREET

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	3212TS-RR	COOK	336	238
CONTRACT NO. 62F11				
ILLINOIS FED. AID PROJECT				

REVISED ENTIRE SHEET 5/28/2024

TS 3812