

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, COMMITMENTS, AND GENERAL NOTES
3-9	SUMMARY OF QUANTITIES
10	REMOVAL PLAN
11	PROPOSED ROADWAY PLAN
12-13	ADA RAMP DETAIL PLAN
14	MAINTENANCE OF TRAFFIC GENERAL NOTES
15-17	MAINTENANCE OF TRAFFIC PLANS
18-21	DETOUR ROUTE PLANS
22	PAVEMENT MARKING PLAN
23-31	TEMPORARY TRAFFIC CONTROL SIGNAL AND APS PLANS
32-46	BRIDGE REPAIR PLANS (STURCTURE NO. 016-2572)
47	BD-08 FRAMES AND LIDS ADJUSTMENT WITH MILLING
48	BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
49	BD-32 BUTT JOINT AND HMA TAPER DETAILS
50	TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
51	TC-11 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
52	TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
53	TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
54	TC-16 SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
55	TC-21 DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
56	TC-22 ARTERIAL ROAD INFORMATIONAL SIGN
57-63	TS-05 DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS

LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424006-05	DIAGONAL CURB RAMP FOR SIDEWALKS
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS LESS/EQUAL TO 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL CONTACT THE DISTRICT TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE VILLAGE OF NILES, AND COOK COUNTY.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL TAKE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS, BY THE CONTRACTOR, SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
- THE COST OF SAW CUTTING SHALL BE INCLUDED IN THE UNIT PRICES FOR THE VARIOUS REMOVAL PAY ITEMS.
- THE CONTRACTOR IS TO REFER TO THE SPECIAL PROVISION FOR SAW CUTTING CONTRACTION JOINTS IN P.C.C. SIDEWALKS, NO TOOLED JOINTS WILL BE ALLOWED.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 40 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.
- 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 RESIDENT ENGINEER SHALL CONTACT FADI SULTAN, AREA TRAFFIC FIELD ENGINEER, AT FADI.SULTAN@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- ANY DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- ALL PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO THE "DISTRICT 1 TYPICAL PAVEMENT MARKING" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- THE RESIDENT ENGINEER AND CONTRACTOR SHALL VERIFY ALL EXISTING PAVEMENT MARKING PRIOR TO THE PROJECT STARTING. IF A DISCREPANCIES OCCURS BETWEEN EXISTING PAVEMENT MARKINGS AND THE PROPOSED PAVEMENT MARKINGS, THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF TRAFFIC OPERATIONS.
- THE RESIDENT ENGINEER SHALL CONTACT THE DEPARTMENT'S ELECTRICAL MAINTENANCE CONTRACTOR, MEADE ELECTRIC COMPANY, AT (773) 287-7672 PRIOR TO THE START OF CONSTRUCTION TO LOCATE ALL IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES.
- IF THIS CONTRACT REQUIRES THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT ELECTRICAL FACILITIES FROM THE DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR PRIOR TO THE START OF ANY WORK. ADDITIONAL REQUESTS MAY BE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

GENERAL NOTES CONTINUED

- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND EROSION CONTROL PROTECTION DURING ALL STAGES OF CONSTRUCTION.
- POLLUTION CONTROL: THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THIS WORK IS NOT TO BE PAID SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- DURING CONSTRUCTION OPERATION, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED THE MATERIAL SHALL BE REMOVED A THE CLOSE OF EACH WORKDAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE OF DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF CONTRACT.
- THE CONTRACTOR SHALL REFER TO THE SPECIAL PROVISION FOR STRUCTURE ASSESSMENT REPORTS FOR CONTRACTOR'S MEANS AND METOHDS WHILE FORMULATING A WORK PLAN THAT INVOLVES LOADS ON THE DECK.
- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, I.D.O.T.'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION, AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE.
- PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- ALL TEMPORARY TRAFFIC SIGNALS WILL BE INSTALLED PRIOR TO BEGINNING WORK IN THE MAINTENANCE OF TRAFFIC PRE-STAGE. TEMPORARY TRAFFIC SIGNALS SHALL NOT BE REMOVED UNTIL THE COMPLETION OF STAGE 2, ENSURING THAT THE EXISTING TRAFFIC SIGNAL SYSTEM IS FULLY OPERATIONAL.

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PLOT DATE = 5/30/2024	DATE - 03/25/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
INDEX OF SHEETS, STANDARDS, COMMITMENTS, & GENERAL NOTES**

SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	F.A.P. RTE. 374	SECTION FAP 0374 22 BJ	COUNTY COOK	TOTAL SHEETS 63	SHEET NO. 2
			CONTRACT NO. 62T24				
			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

REVISED SHEET 6/6/2024

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE	80% FED 20% STATE
				BRIDGE	BRIDGE
				0021 S.N. 16-2572	0059 S.N. 16-2572
20200100	EARTH EXCAVATION	CU YD	10		10
28000500	INLET AND PIPE PROTECTION	EACH	4		4
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	448		448
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	996		996
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "E", N70	TON	98		98
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	171		171
42400800	DETECTABLE WARNINGS	SQ FT	84		84
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	43		43
44000600	SIDEWALK REMOVAL	SQ FT	171		171
50102400	CONCRETE REMOVAL	CU YD	58.5		58.5
50157300	PROTECTIVE SHIELD	SQ YD	762		762
50300255	CONCRETE SUPERSTRUCTURE	CU YD	62.4		62.4
50300300	PROTECTIVE COAT	SQ YD	846		846
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	7,590		7,590
50800515	BAR SPLICERS	EACH	52		52



REVISED SHEET 6/6/2024
 * SPECIALTY ITEM
 NON-PARTICIPATING, 100% STATE FUNDED

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	FAP 0374 22 BJ	COOK	63	3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T24	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE	80% FED 20% STATE
				BRIDGE	BRIDGE
				0021	0059
				S.N. 16-2572	S.N. 16-2572
52000110	PREFORMED JOINT STRIP SEAL	FOOT	350		350
58700300	CONCRETE SEALER	SQ FT	1,224		1,224
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	5		5
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	43		43
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	10		10
67100100	MOBILIZATION	L SUM	1		1
66900530	SOIL DISPOSAL ANALYSIS	EACH	2		2
* 70107025	CHANGEABLE MESSAGE SIGN	CAL DA	776		776
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1		1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	10,277		10,277
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1		1
70300150	SHORT TERM PAVEMENT MARKING REMOVAL REGULATED	SQ FT	4,868		4,868
66901006	SUBSTANCES MONITORING	DAYS	10		10
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	164		164
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	12,832		12,832
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	270		270
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	167		167
70400100	TEMPORARY CONCRETE BARRIER	FOOT	150		150
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	150		150

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△ REVISED SHEET 6/6/2024

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	FAP 0374 22 BJ	COOK	63	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T24	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE	80% FED 20% STATE
				BRIDGE	BRIDGE
				0021	0059
				S.N. 16-2572	S.N. 16-2572
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	24		24
* 78011040	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	551		551
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	5		5
* 78100300	REPLACEMENT REFLECTOR	EACH	93		93
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	24		24
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	5		5
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	4,841		4,841
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	160	160	
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	80	80	
* 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	85	85	
* 81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	70	70	
* 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	2	2	⚠
* 81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	4	4	
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1	
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3,820	3,820	



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	FAP 0374 22 BJ	COOK	63	6
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T24	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE	80% FED 20% STATE
				BRIDGE	BRIDGE
				0021	0059
				S.N. 16-2572	S.N. 16-2572
Z0006014	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/2 INCHES	SQ YD	688		688
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	688		688
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	225		225
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	24		24
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	2		2
Δ Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	9		9
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	322		322
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	13	13	
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	118	118	
* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	365	365	
* X1400023	CONDUIT, FLEXIBLE, LIQUID TIGHT, METALLIC, 2" DIAMETER	FOOT	40	40	
* X1400319	TRAFFIC SIGNAL POST, 10 FOOT, (SPECIAL)	EACH	4	4	
* X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	9	9	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
SUMMARY OF QUANTITIES

SCALE: SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	FAP 0374 22 BJ	COOK	63	8
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T24	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE	80% FED 20% STATE
				BRIDGE	BRIDGE
				0021	0059
				S.N. 16-2572	S.N. 16-2572
* X5051200	FURNISHING AND ERECTING STRUCTURAL STEEL (SPECIAL)	L SUM	1		1
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12		12
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		1
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	93		93
X7830052	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	93		93
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	16	16	
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	64		64
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	405	405	
Ø Z0076600	TRAINEES	HOURS	500	500	
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500	

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△ REVISED SHEET 6/6/2024

Ø 0042

* SPECIALTY ITEM

△ NON-PARTICIPATING,
100% STATE FUNDED

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	FAP 0374 22 BJ	COOK	63	9
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T24	



- NOTES:
1. IN PREPARATION FOR TEMPORARY TRAFFIC STAGING PAVEMENT MARKINGS, REMOVE EXISTING PAVEMENT MARKINGS USING PAVEMENT MARKING REMOVAL - WATER BLASTING (78300202).
 2. FOR REMOVING RAISED REFLECTORS OUTSIDE OF THE PAVEMENT REMOVAL AREA, USE RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL (X7830050).

FUTURE CONTRACT TO INSTALL CONCRETE BUS PAD IN THIS LOCATION. CONTRACTOR TO FIELD VERIFY THE CONCRETE BUS PAD. NO MILLING TO BE DONE ON THE CONCRETE AREA. IF CONSTRUCTION CONTRACT RUNS CONCURRENTLY TO THIS CONTRACT, COORDINATION REQUIRED PER CONTRACTOR COOPERATION (PACE PULSE PROJECT) SPECIAL PROVISION.

REMOVE SIGN PANEL - TYPE 1
R5-1, 36" X 36"
(9 SQ FT)

MILWAUKEE AVE EX C STA 19+98.77 =
DEMPSTER ST EX C STA 134+30.70

FOR REMOVALS WITHIN BRIDGE DECK LIMITS, SEE BRIDGE PLAN SHEETS 32 TO 45

PAVEMENT REMOVAL (498 SQ YD)

PROJECT BEGINS
STA 19+37.87

SIDEWALK REMOVAL (159 SQ FT)

COMBINATION CURB AND GUTTER REMOVAL (9 FEET)

COMBINATION CURB AND GUTTER REMOVAL (29 FEET)

SIDEWALK REMOVAL (12 SQ FT)
COMBINATION CURB AND GUTTER REMOVAL (5 FEET)

PROJECT ENDS
STA 20+59.35

PAVEMENT REMOVAL (498 SQ YD)

CONTRACTOR TO FIELD VERIFY THE CONCRETE BUS PAD. NO MILLING TO BE DONE ON THE CONCRETE AREA.

LEGEND	
	ASPHALT SURFACE REMOVAL
	CONCRETE SURFACE REMOVAL
	LINEAR ITEM REMOVAL

FILE NAME = 3100.0000 - / in.
PLOT SCALE = 1"=50'
USER NAME = rileywhite



USER NAME = rileywhite	DESIGNED - RW	REVISED - 05/31/2024
PLOT SCALE = 100.0000' / in.	DRAWN - RW	REVISED -
PLOT DATE = 5/30/2024	CHECKED - YK	REVISED -
	DATE - 03/25/2024	REVISED -

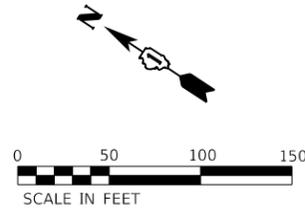
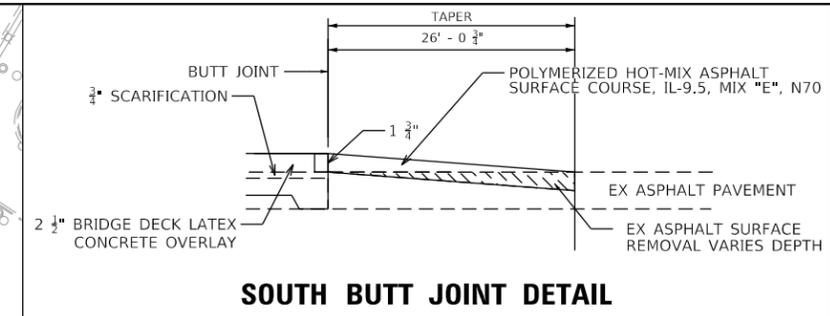
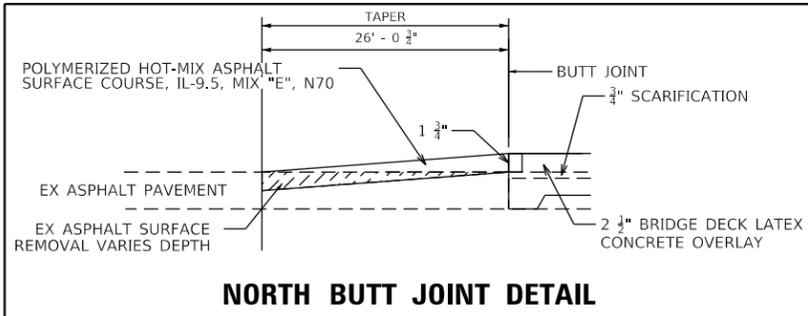
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
REMOVAL PLAN

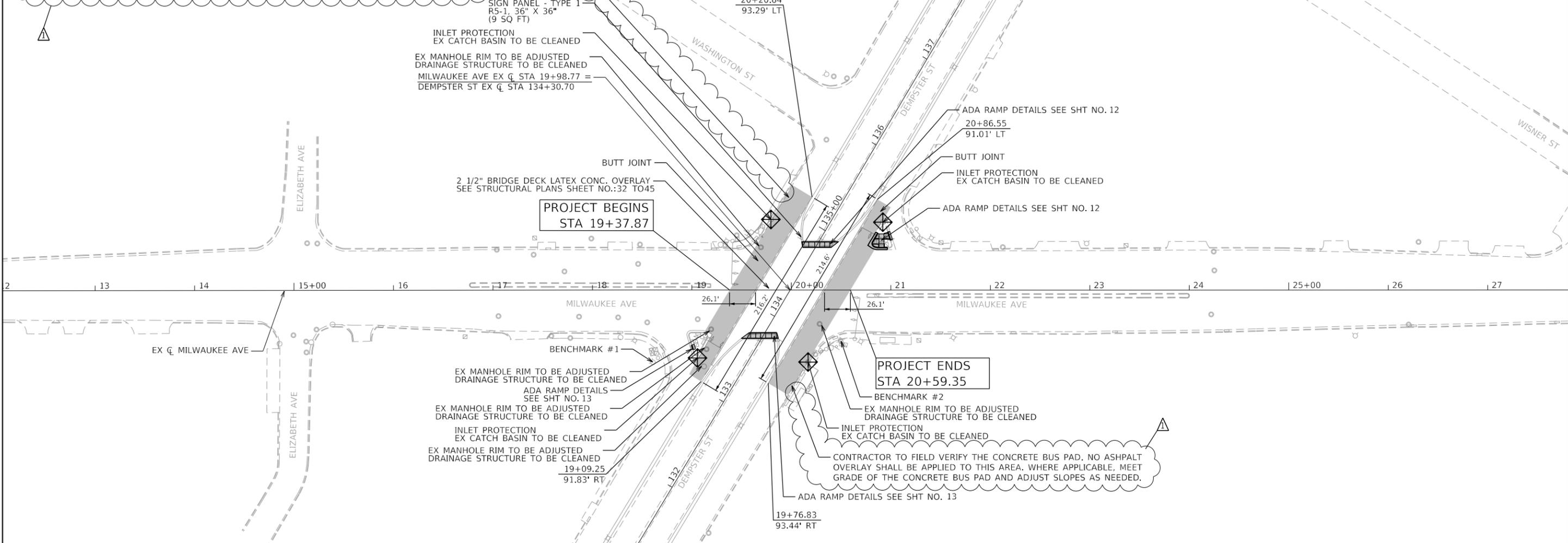
SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

REVISION 1 REVISED SHEET 6/6/2024

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	FAP 0374 22 BJ	COOK	63	10
CONTRACT NO. 62T24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FUTURE CONTRACT TO INSTALL CONCRETE BUS PAD IN THIS LOCATION. CONTRACTOR TO FIELD VERIFY THE CONCRETE BUS PAD. NO ASPHALT OVERLAY SHALL BE APPLIED TO THIS AREA. WHERE APPLICABLE, MEET GRADE OF THE CONCRETE BUS PAD AND ADJUST SLOPES AS NEEDED. IF CONSTRUCTION CONTRACT RUNS CONCURRENTLY TO THIS CONTRACT, COORDINATION REQUIRED PER CONTRACTOR COOPERATION (PACE PULSE PROJECT) SPECIAL PROVISION.



BENCHMARKS

BM#1 FLAGGED BOLT ON FIRE HYDRANT
 ELEV. 663.80
 MILWAUKEE AVE. STA. 18+60.65 OFF. 72.29' RT.
 DEMPSTER ST. STA. 132+97.43 OFF. 81.59' LT.

BM#2 FLAGGED BOLT ON FIRE HYDRANT
 ELEV. 662.68
 MILWAUKEE AVE. STA. 20+50.04 OFF. 51.38' RT.
 DEMPSTER ST. STA. 134+12.67 OFF. 70.31' RT.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @Ndes	QMP
HOT-MIX ASPHALT BUTT-JOINT		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70 (1.75")	4% @ 70 Gyr.	QC/QA
QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP); Pay for Performance (PFP)		

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

▲ REVISED SHEET 6/6/2024

FILE NAME = SFILES
 PLOT SCALE = 100.0000' / in.
 USER NAME = rileywhite



USER NAME = rileywhite	DESIGNED - MRT	REVISED - ▲ 05/31/2024
PLOT SCALE = 100.0000' / in.	DRAWN - MRT	REVISED -
PLOT DATE = 5/30/2024	CHECKED - YK	REVISED -
	DATE - 03/25/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
 PROPOSED ROADWAY PLAN**

SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	F.A.P. RTE. 374	SECTION FAP 0374 22 BJ	COUNTY COOK	TOTAL SHEETS 63	SHEET NO. 11
			CONTRACT NO. 62T24				
			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE TRAFFIC CONTROL MEASURES DEPICTED IN THE PLANS ARE THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES, AS SPECIFIED IN THE HIGHWAY AND DISTRICT STANDARDS, AS SHOWN IN THE INDEX OF SHEETS, AND SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, UNLESS OTHERWISE INDICATED WITHIN THESE GENERAL NOTES, PLANS, OR SPECIAL PROVISIONS.
2. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL PROMPTLY RESPOND AT THE TIME OF NOTIFICATION BY THE ENGINEER.
3. ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL FURNISH, MAINTAIN, AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION.
5. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL GENERAL NOTES, PLANS, SPECIAL PROVISIONS, APPLICABLE HIGHWAY & DISTRICT STANDARDS, AND AS DIRECTED BY THE ENGINEER. ANY CHANGES TO THE TRAFFIC CONTROL SHALL BE SUBMITTED TO THE ENGINEER 72 HOURS IN ADVANCE OF ANY PROPOSED CHANGE TO THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN.
6. IMMEDIATELY AFTER THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE ALL PERMANENT PAVEMENT MARKINGS, LANDSCAPING, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES THAT WERE COVERED. IF THEY WERE REMOVED, DAMAGED, OR OTHERWISE AFFECTED BY CONSTRUCTION ACTIVITIES, THE COST TO REPAIR ANY DAMAGES WILL BE BORNE BY THE CONTRACTOR AND NOT THE RESPONSIBILITY OF THE DEPARTMENT.
7. NO WORK SHALL COMMENCE UNTILL TRAFFIC CONTROL REQUIREMENTS ARE MET.
8. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, KALPANA KANNAN-HOSADURGA, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
9. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE PAVEMENT MARKING TAPE, TYPE IV (AND/OR MODIFIED URETHANE) USED FOR STAGING SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL-WATER BLASTING.
10. TEMPORARY INFORMATION SIGNS ON TEMPORARY SUPPORTS SHALL BE PROVIDED FOR ALL COMMERCIAL DRIVEWAYS THAT ARE LOCATED WITHIN THE 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.
11. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGN MESSAGES SHALL BE REVISED TWO WEEKS THEREAFTER WITH MESSAGES WARNING MOTORISTS OF POTENTIAL TRAFFIC DELAYS, QUEUING, AND/OR WITH MESSAGES NOTIFYING TRAFFIC TO USE ALTERNATE ROUTES. THE SIGN LOCATIONS AND MESSAGES SHALL BE DETERMINED BY THE ENGINEER. THE CHANGEABLE MESSAGE SIGNS ARE TO REMAIN IN PLACE FOR THE DURATION OF STAGES 1 & 2. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR DAY "CHANGEABLE MESSAGE SIGN".
12. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY DRAINAGE DURING ALL PHASES OF CONSTRUCTION.
13. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ACTIVITIES THAT POTENTIALLY AFFECT EXISTING PACE BUS STOPS AND/OR ROUTES DIRECTLY WITH PACE AND MUST BE IN CONTACT WITH PACE A MINIMUM OF 14 CALENDER DAYS PRIOR TO BEGINNING CONSTRUCTION.
14. AS DIRECTED BY THE ENGINEER, "ROAD CLOSED LOCAL TRAFFIC ONLY" SIGNS MOUNTED ABOVE TYPE III BARRICADES SHALL BE INSTALLED ON ALL SIDE ROADS THAT ARE ADVERSELY AFFECTED BY THE PROJECT'S MAINTENANCE OF TRAFFIC PLAN. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR TEMPORARY INFORMATION SIGNING.
15. THE ENERGIZATION (TURN-ON) OF THE TEMPORARY TRAFFIC SIGNALS SHALL BE CONCURRENT WITH THE IMPLEMENTATION OF STAGE 1 ON THE SAME DAY. THE CONTRACTOR SHALL COORDINATE THE SCHEDULING OF THE STAGE 1 IMPLEMENTATION TO BEGIN VERY EARLY IN THE SAME DAY THAT THE TEMPORARY SIGNALS ARE SCHEDULED TO BE ACTIVATED. ALL MODIFICATIONS TO THE EXISTING TRAFFIC SIGNAL INSTALLATION SHALL BE COMPLETE PRIOR TO THE SCHEDULING OF ITS REACTIVATION, AT WHICH TIME THE REMOVAL OF ALL STAGING SHALL BE SCHEDULED IN SYNCHRONIZATION WITH THE TEMPORARY SIGNAL DEACTIVATION, ALL ON THE SAME DAY.

MAINTENANCE OF TRAFFIC PEDESTRIAN NOTES

1. THE CONTRACTOR MUST MAINTAIN A CONTINUOUS MINIMUM 5-FOOT ADA COMPLIANT PEDESTRIAN ZONE ALONG IL 21 (MILWAUKEE AVENUE). THE SIDEWALK DETOUR MUST BE CLEARLY MARKED USING SIGNS AND BARRICADES NOTIFYING PEDESTRIANS OF THE CLOSURE.
2. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS (MIN 5') TO ADJACENT PROPERTIES (WHERE APPLICABLE) BY INSTALLING ADA COMPLIANT PLYWOOD WALKWAYS. PEDESTRIAN ACCESS TO ADJACENT PROPERTIES SHALL BE UNINTERRUPTED UNTIL THE WALKWAY IS FULLY RESTORED. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF SIGNAGE AND OTHER ITEMS TO ENSURE SAFE PEDESTRIAN ACCESS.
3. USE ONE "PEDESTRIAN WALKWAY (ARROW)" (BLACK LEGEND ON WHITE REFLECTORIZED BACKGROUND) SIGN AT EACH END OF EACH SIDEWALK SECTION BEING RECONSTRUCTED.
4. AT EACH POINT OF CLOSURE, SUFFICIENT NUMBERS OF BARRICADES MUST BE USED TO COMPLETELY CLOSE THE PATHWAY.
5. PEDESTRIAN WALKWAYS MUST BE MAINTAINED FREE OF ANY OBSTRUCTIONS AND HAZARDS SUCH AS HOLES, DEBRIS, MUD, CONSTRUCTION EQUIPMENT, STORED MATERIALS, ETC. AND MUST BE BROOM SWEEPED DAILY OR AS DIRECTED BY THE ENGINEER.
6. ALL HAZARDS NEAR OR ADJACENT TO WALKWAYS MUST BE CLEARLY DELINEATED.
7. THE CONTRACTOR MUST MAINTAIN DISABLED PERSON PEDESTRIAN ACCESS TO CROSSWALKS ACROSS US 14 (DEMPSTER STREET) AND SIDE STREETS AT ALL TIMES VIA ADA COMPLIANT WOOD FRAME CONSTRUCTED WALKWAYS AND RAMPS THROUGH THE WORK ZONES. THESE ACCESS POINTS MUST BE OBSERVED AND PROTECTED BY THE CONTRACTOR AT ALL TIMES.
8. THE CONTRACTOR SHALL MAINTAIN ACCESS TO AND FROM ALL ACTIVE PACE BUS STOPS AT ALL TIMES DURING CONSTRUCTION.

PROPOSED MAINTENANCE OF TRAFFIC MILWAUKEE AVENUE

PRE-STAGE MILWAUKEE AVENUE WORK

CONSTRUCTION:
INSTALL TEMPORARY TRAFFIC SIGNALS AS SHOWN IN THE PLANS.

STAGE 1 MILWAUKEE AVENUE WORK

CONSTRUCTION:
BRIDGE DECK OVERLAY, PARTIAL FULL-DEPTH DECK SLAB REPAIR, CONCRETE REPAIRS TO THE ABUTMENTS AND PARAPETS FOR THE CENTRAL PORTION OF THE MILWAUKEE AVENUE BRIDGE.

TRAFFIC:
BOTH NORTHBOUND AND SOUTHBOUND LANES WILL MERGE FROM 2 LANES TO 1 BEFORE ENTERING THE WORKZONE AREA. NORTHBOUND TRAFFIC WILL BE SHIFTED TO THE EAST AND SOUTHBOUND TRAFFIC TO THE WEST. ALL LEFT-TURN AND THROUGH MOVEMENTS FROM THE DEMPSTER STREET OFF RAMPS WILL BE DETOURED DURING THIS STAGE. SEE SHEETS 16-19 FOR DETOUR ROUTE DETAILS.

STAGE 2A MILWAUKEE AVENUE WORK

CONSTRUCTION:
BRIDGE DECK OVERLAY, PARTIAL FULL-DEPTH DECK SLAB REPAIR, CONCRETE REPAIRS TO THE ABUTMENTS AND PARAPETS FOR THE OUTSIDE PORTION OF THE MILWAUKEE AVENUE BRIDGE. PERMANENT BUTT JOINT INSTALLATION ON ALL FOUR CORNERS IMMEDIATELY ADJACENT TO THE BRIDGE DECK. ADA RAMP REPLACEMENTS WILL ALSO BE CONSTRUCTED IN THIS STAGE.

TRAFFIC:
NORTHBOUND AND SOUTHBOUND LANES WILL FOLLOW A WORK ZONE SPEED LIMIT OF 30 MPH. NORTHBOUND TRAFFIC WILL SHIFT TO THE WEST AND SOUTHBOUND TRAFFIC WILL SHIFT TO THE EAST. ALL LEFT-TURN AND THROUGH MOVEMENTS FROM THE DEMPSTER STREET OFF RAMPS WILL BE DETOURED DURING THIS STAGE. SEE SHEETS 16-19 FOR DETOUR ROUTE DETAILS.

STAGE 2B MILWAUKEE AVENUE WORK

CONSTRUCTION:
PERMANENT BUTT JOINT INSTALLATION ON THE NORTHEAST AND SOUTHWEST CORNERS OF THE MILWAUKEE AVENUE BRIDGE.

TRAFFIC:
BOTH NORTHBOUND AND SOUTHBOUND TRAFFIC WILL REMAIN THE SAME FROM STAGE 2A. ALL LEFT-TURN AND THROUGH MOVEMENTS FROM THE DEMPSTER STREET OFF RAMPS WILL BE DETOURED DURING THIS STAGE. SEE SHEETS 16-19 FOR DETOUR ROUTE DETAILS.

PROPOSED MAINTENANCE OF TRAFFIC DEMPSTER STREET

EASTBOUND DEMPSTER STREET WORK

CONSTRUCTION:
SOUTH ABUTMENT REPAIRS ALONG DEMPSTER STREET.

TRAFFIC:
WORK ZONE SPEED LIMIT IS 35 MPH ON DEMPSTER STREET. UTILIZE IDOT STANDARD 701601 FOR STRUCTURAL WORK.

WESTBOUND DEMPSTER STREET WORK

CONSTRUCTION:
NORTH ABUTMENT REPAIRS ALONG DEMPSTER STREET.

TRAFFIC:
WORK ZONE SPEED LIMIT IS 35 MPH ON DEMPSTER STREET. UTILIZE IDOT STANDARD 701601 FOR STRUCTURAL WORK.

 REVISED SHEET 6/6/2024

FILE NAME = SFILES
PLOT SCALE = 2.0000" / 1"
USER NAME = rreywhite



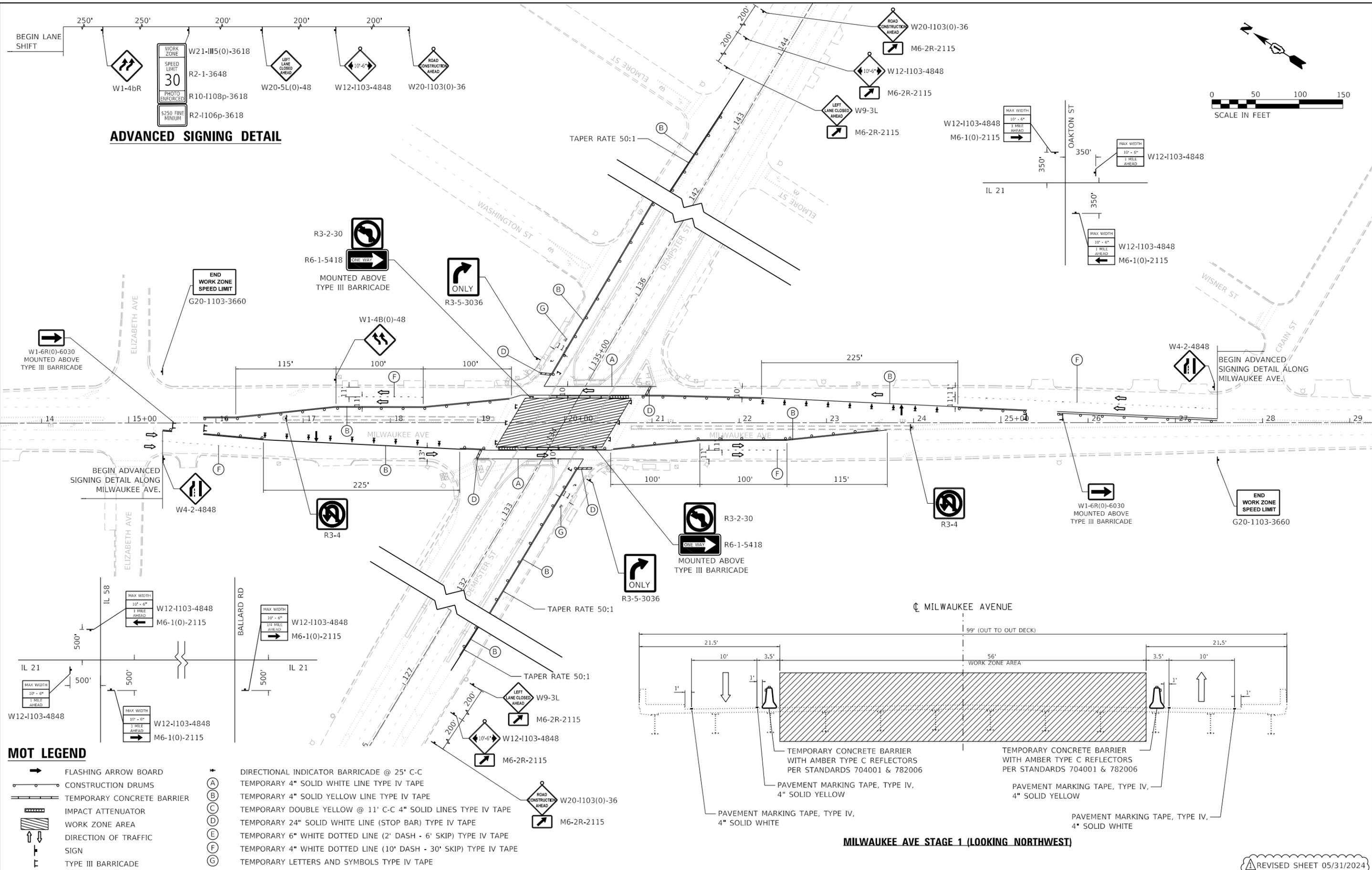
USER NAME = rleywhite	DESIGNED - RW	REVISED -  05/31/2024
DRAWN - RW	CHECKED - YK	REVISED -
PLOT SCALE = 2.0000" / 1"	DATE - 03/25/2024	REVISED -
PLOT DATE = 6/3/2024		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
MAINTENANCE OF TRAFFIC GENERAL NOTES

SCALE: SHEET NO. 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	FAP 0374 22 BJ	COOK	63	14
CONTRACT NO. 62T24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

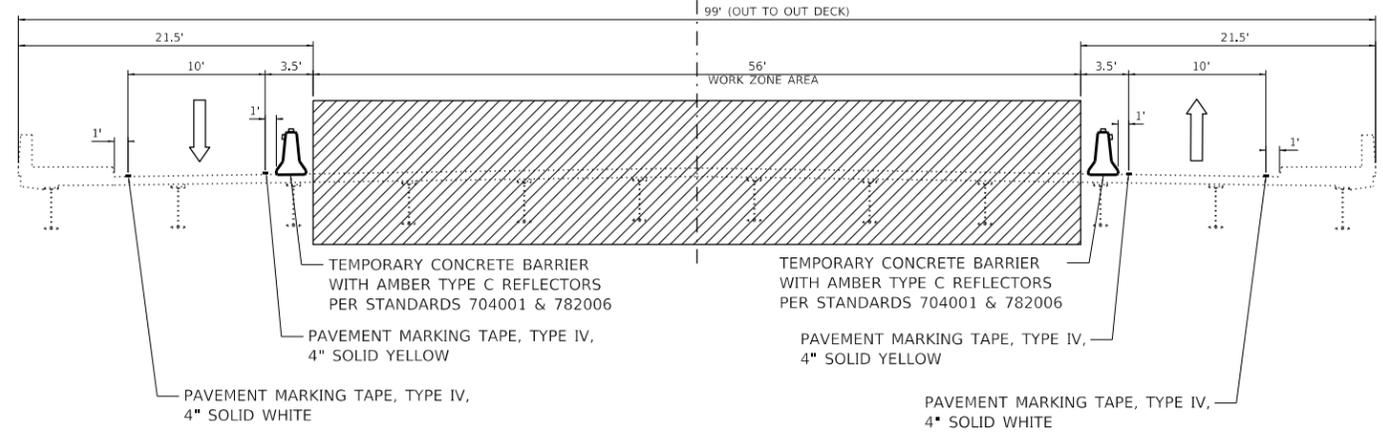


ADVANCED SIGNING DETAIL



MOT LEGEND

- FLASHING ARROW BOARD
- CONSTRUCTION DRUMS
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ IMPACT ATTENUATOR
- ▨ WORK ZONE AREA
- ↑ ↓ DIRECTION OF TRAFFIC SIGN
- ⊥ TYPE III BARRICADE
- ⊙ DIRECTIONAL INDICATOR BARRICADE @ 25' C-C
- (A) TEMPORARY 4" SOLID WHITE LINE TYPE IV TAPE
- (B) TEMPORARY 4" SOLID YELLOW LINE TYPE IV TAPE
- (C) TEMPORARY DOUBLE YELLOW @ 11' C-C 4" SOLID LINES TYPE IV TAPE
- (D) TEMPORARY 24" SOLID WHITE LINE (STOP BAR) TYPE IV TAPE
- (E) TEMPORARY 6" WHITE DOTTED LINE (2' DASH - 6' SKIP) TYPE IV TAPE
- (F) TEMPORARY 4" WHITE DOTTED LINE (10' DASH - 30' SKIP) TYPE IV TAPE
- (G) TEMPORARY LETTERS AND SYMBOLS TYPE IV TAPE



MILWAUKEE AVE STAGE 1 (LOOKING NORTHWEST)

FILE NAME = 300.0000 - 7 in.
 PLOT SCALE = rileywhite



USER NAME = rileywhite	DESIGNED - AJB	REVISED - 05/31/2024
PLOT SCALE = 100.0000' / in.	DRAWN - AJB	REVISED -
PLOT DATE = 5/30/2024	CHECKED - YK	REVISED -
	DATE - 03/25/2024	REVISED -

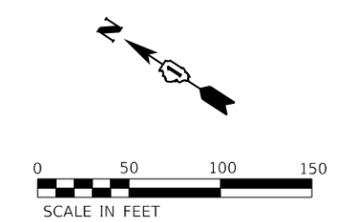
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
MAINTENANCE OF TRAFFIC STAGE 1 PLAN**

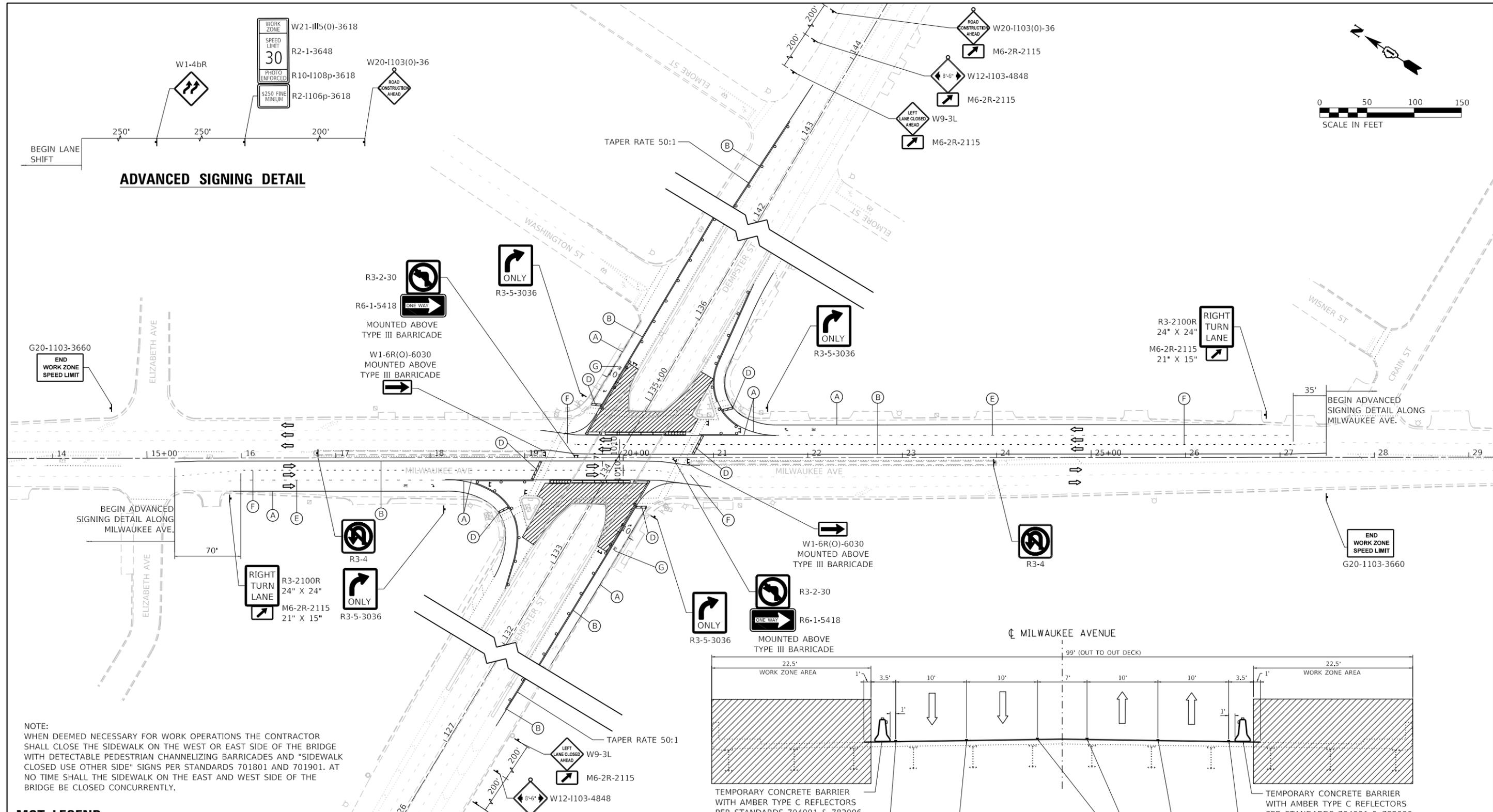
SCALE: 1"=50' SHEET NO. 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 374	SECTION FAP 0374 22 BJ	COUNTY COOK	TOTAL SHEETS 63	SHEET NO. 15
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 62T24	
FED. AID PROJECT				

REVISED SHEET 05/31/2024



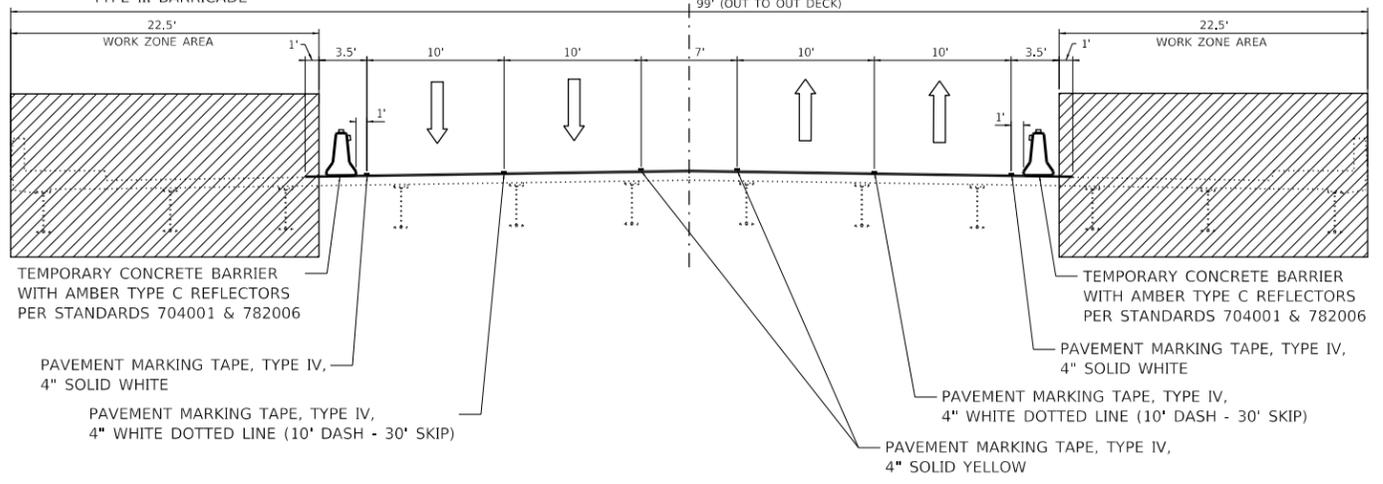
ADVANCED SIGNING DETAIL



NOTE:
 WHEN DEEMED NECESSARY FOR WORK OPERATIONS THE CONTRACTOR SHALL CLOSE THE SIDEWALK ON THE WEST OR EAST SIDE OF THE BRIDGE WITH DETECTABLE PEDESTRIAN CHANNELIZING BARRICADES AND "SIDEWALK CLOSED USE OTHER SIDE" SIGNS PER STANDARDS 701801 AND 701901. AT NO TIME SHALL THE SIDEWALK ON THE EAST AND WEST SIDE OF THE BRIDGE BE CLOSED CONCURRENTLY.

MOT LEGEND

- FLASHING ARROW BOARD
- CONSTRUCTION DRUMS
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ IMPACT ATTENUATOR
- ▨ WORK ZONE AREA
- ↑↓ DIRECTION OF TRAFFIC
- ⊥ SIGN
- ⊥ TYPE III BARRICADE
- ★ DIRECTIONAL INDICATOR BARRICADE @ 25' C-C
- (A) TEMPORARY 4" SOLID WHITE LINE TYPE IV TAPE
- (B) TEMPORARY 4" SOLID YELLOW LINE TYPE IV TAPE
- (C) TEMPORARY DOUBLE YELLOW @ 11' C-C 4" SOLID LINES TYPE IV TAPE
- (D) TEMPORARY 24" SOLID WHITE LINE (STOP BAR) TYPE IV TAPE
- (E) TEMPORARY 6" WHITE DOTTED LINE (2' DASH - 6' SKIP) TYPE IV TAPE
- (F) TEMPORARY 4" WHITE DOTTED LINE (10' DASH - 30' SKIP) TYPE IV TAPE
- (G) TEMPORARY LETTERS AND SYMBOLS TYPE IV TAPE



MILWAUKEE AVE STAGE 2A (LOOKING NORTHWEST)

FILE NAME = 300.0000 - 7 / in.
 PLOT SCALE = 1" = 50'
 USER NAME = rileywhite



USER NAME = rileywhite	DESIGNED - AJB	REVISED - 05/31/2024
PLOT SCALE = 100.0000' / in.	DRAWN - AJB	REVISED -
PLOT DATE = 5/30/2024	CHECKED - YK	REVISED -
	DATE - 03/25/2024	REVISED -

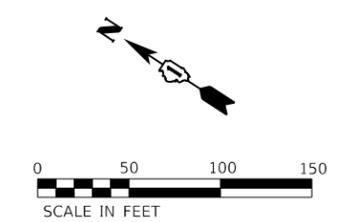
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
 MAINTENANCE OF TRAFFIC STAGE 2A PLAN**

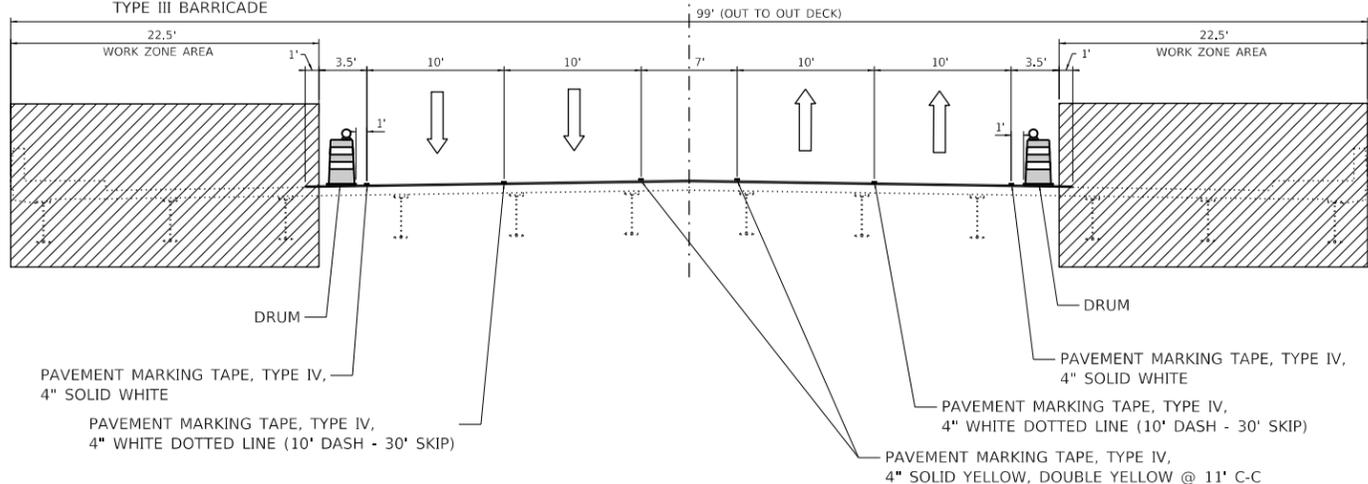
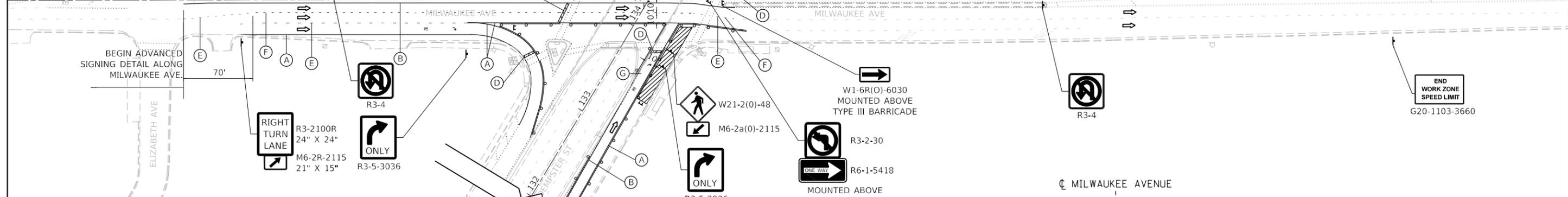
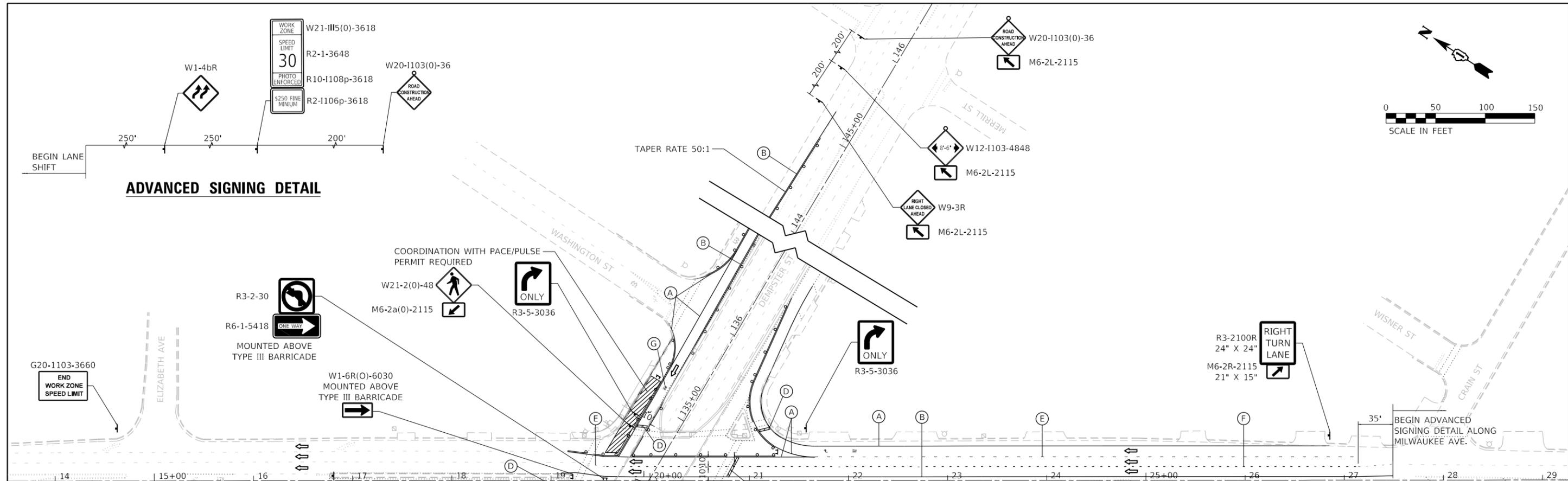
SCALE: 1"=50' SHEET NO. 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 374	SECTION FAP 0374 22 BJ	COUNTY COOK	TOTAL SHEETS 63	SHEET NO. 16
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 62T24	
FED. AID PROJECT				

REVISOR SHEET 05/31/2024



ADVANCED SIGNING DETAIL



NOTE:
WHEN DEEMED NECESSARY FOR WORK OPERATIONS THE CONTRACTOR SHALL CLOSE THE SIDEWALK ON THE WEST OR EAST SIDE OF THE BRIDGE WITH DETECTABLE PEDESTRIAN CHANNELIZING BARRICADES AND "SIDEWALK CLOSED USE OTHER SIDE" SIGNS PER STANDARDS 701801 AND 701901. AT NO TIME SHALL THE SIDEWALK ON THE EAST AND WEST SIDE OF THE BRIDGE BE CLOSED CONCURRENTLY.

MOT LEGEND

- FLASHING ARROW BOARD
- CONSTRUCTION DRUMS
- TEMPORARY CONCRETE BARRIER
- ▨ IMPACT ATTENUATOR
- ▨ WORK ZONE AREA
- ↑ ↓ DIRECTION OF TRAFFIC
- ⊥ SIGN
- ⊥ TYPE III BARRICADE
- ★ DIRECTIONAL INDICATOR BARRICADE @ 25' C-C
- (A) TEMPORARY 4" SOLID WHITE LINE TYPE IV TAPE
- (B) TEMPORARY 4" SOLID YELLOW LINE TYPE IV TAPE
- (C) TEMPORARY DOUBLE YELLOW @ 11' C-C 4" SOLID LINES TYPE IV TAPE
- (D) TEMPORARY 24" SOLID WHITE LINE (STOP BAR) TYPE IV TAPE
- (E) TEMPORARY 6" WHITE DOTTED LINE (2' DASH - 6' SKIP) TYPE IV TAPE
- (F) TEMPORARY 4" WHITE DOTTED LINE (10' DASH - 30' SKIP) TYPE IV TAPE
- (G) TEMPORARY LETTERS AND SYMBOLS TYPE IV TAPE

MILWAUKEE AVE STAGE 2B (LOOKING NORTHWEST)

REVISOR SHEET 05/31/2024

FILE NAME = 300.0000 - 7 in.
 PLOT SCALE = 1"=50'
 USER NAME = rileywhite

	USER NAME = rileywhite	DESIGNED - AJB	REVISED - 05/31/2024	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST) MAINTENANCE OF TRAFFIC STAGE 2B PLAN	F.A.P. RTE. 374	SECTION FAP 0374 22 BJ	COUNTY COOK	TOTAL SHEETS 63	SHEET NO. 17
	PLOT SCALE = 100.0000' / in.	CHECKED - YK	REVISOR -			SCALE: 1"=50'	SHEET NO. 4 OF 8 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO. 62T24	
	PLOT DATE = 5/30/2024	DATE - 03/25/2024	REVISOR -							



SIGNAGE LEGEND

1. NO LEFT TURN AT DEMPSTER STREET FOLLOW DETOUR
36" X 78" SPECIAL 6" BLACK LETTERS ON FLUORESCENT ORANGE BACKGROUND

2. DETOUR AHEAD
W20-2-48X48

3. IL 21
M1-50-2424

4. US 14
M1-40-2424

5. NORTH
M3-1-2412

6. SOUTH
M3-3-2412

7. EAST
M3-2-2412

8. WEST
M3-4-2412

9. DETOUR
M4-8-2412

10. END DETOUR
M4-8a-30X24

11. ←
M6-1-2115

12. →
M6-1-2115

13. ↑
M6-3-2115

14. ↙
M5-1L-2115

15. ↘
M5-1R-2115

FLASHING MONO-DIRECTIONAL LIGHT

DETOUR ROUTE INFORMATION

MILWAUKEE AVENUE (IL 21)
 JURISDICTION: STATE
 ADT: 27,800
 4-LANE 2-WAY
 MAXIMUM TRAVEL DISTANCE: 1.15 MILES
 POSTED SPEED: 35 MPH

GOLF ROAD (IL 58)
 JURISDICTION: STATE
 ADT: 30,900
 6-LANE 2-WAY
 MAXIMUM TRAVEL DISTANCE: 0.11 MILES
 POSTED SPEED: 35 MPH

GREENWOOD AVENUE
 JURISDICTION: NILES
 ADT: 18,000
 4-LANE 2-WAY
 MAXIMUM TRAVEL DISTANCE: 1.00 MILES
 POSTED SPEED: 35 MPH

DETOUR DESCRIPTION

MILWAUKEE AVE (NB) TO DEMPSTER ST (WB)

- NORTHBOUND MILWAUKEE AVENUE (IL 21) TRAFFIC WILL CONTINUE ON THE SAME ROUTE UNTIL GOLF ROAD (IL 58).
- DRIVERS WILL TURN LEFT ONTO WESTBOUND GOLF ROAD (IL 58) UNTIL GREENWOOD AVENUE.
- DRIVERS WILL TURN LEFT ONTO SOUTHBOUND GREENWOOD AVENUE UNTIL DEMPSTER STREET (US 14).
- DRIVERS WILL TURN RIGHT TO CONTINUE ALONG WESTBOUND DEMPSTER STREET (US 14) AND COMPLETE THE DETOUR.

DETOUR PLAN LEGEND

(X) DETOUR SIGN TYPE

← DETOUR SIGN

→ DIRECTION OF REROUTED TRAFFIC

▣ WORK ZONE

— DETOUR ROUTE

DETOUR PLAN GENERAL NOTES

- LOCATIONS SHOWN ARE APPROXIMATE. LOCATIONS ARE TO BE DETERMINED BY THE ENGINEER TO BE BASED UPON FIELD CONDITIONS.
- ALL SIGNING MUST BE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022, THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE IDOT BUREAU OF DESIGN AND ENVIRONMENT HIGHWAY STANDARDS, AND THE LATEST EDITION OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".
- DETOUR SIGNAGE SHALL BE CONSIDERED INCLUDED IN THE COST FOR TEMPORARY TRAFFIC CONTROL AND PROTECTION, (SPECIAL) EXCEPT AS OTHERWISE NOTED.
- THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGNS WITH THE PLACEMENT OF DETOUR SIGNAGE.
- SEE DETAIL TC-21 FOR TYPICAL SIGN SPACING.
- A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE CONSTRUCTION, THE CONTRACTOR SHALL PLACE ONE (1) PORTABLE CHANGEABLE MESSAGE SIGN AT EACH END OF THE PROJECT ALONG MILWAUKEE AVE AND DEMPSTER ST AS DIRECTED AND AT A LOCATION DESIGNATED BY THE ENGINEER TO INFORM MOTORISTS OF THE UPCOMING CONSTRUCTION. 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.
- LOCAL ACCESS SHALL BE PROVIDED AT ALL TIMES TO RESIDENTS AND BUSINESSES.

FILE NAME = SFILES
 PLOT SCALE = 2.0000" / in.
 USER NAME = rileywhite



USER NAME = rileywhite	DESIGNED - RW	REVISED - 05/31/2024
PLOT SCALE = 2.0000" / in.	DRAWN - RW	REVISED -
PLOT DATE = 5/30/2024	CHECKED - YK	REVISED -
	DATE - 03/25/2024	REVISED -

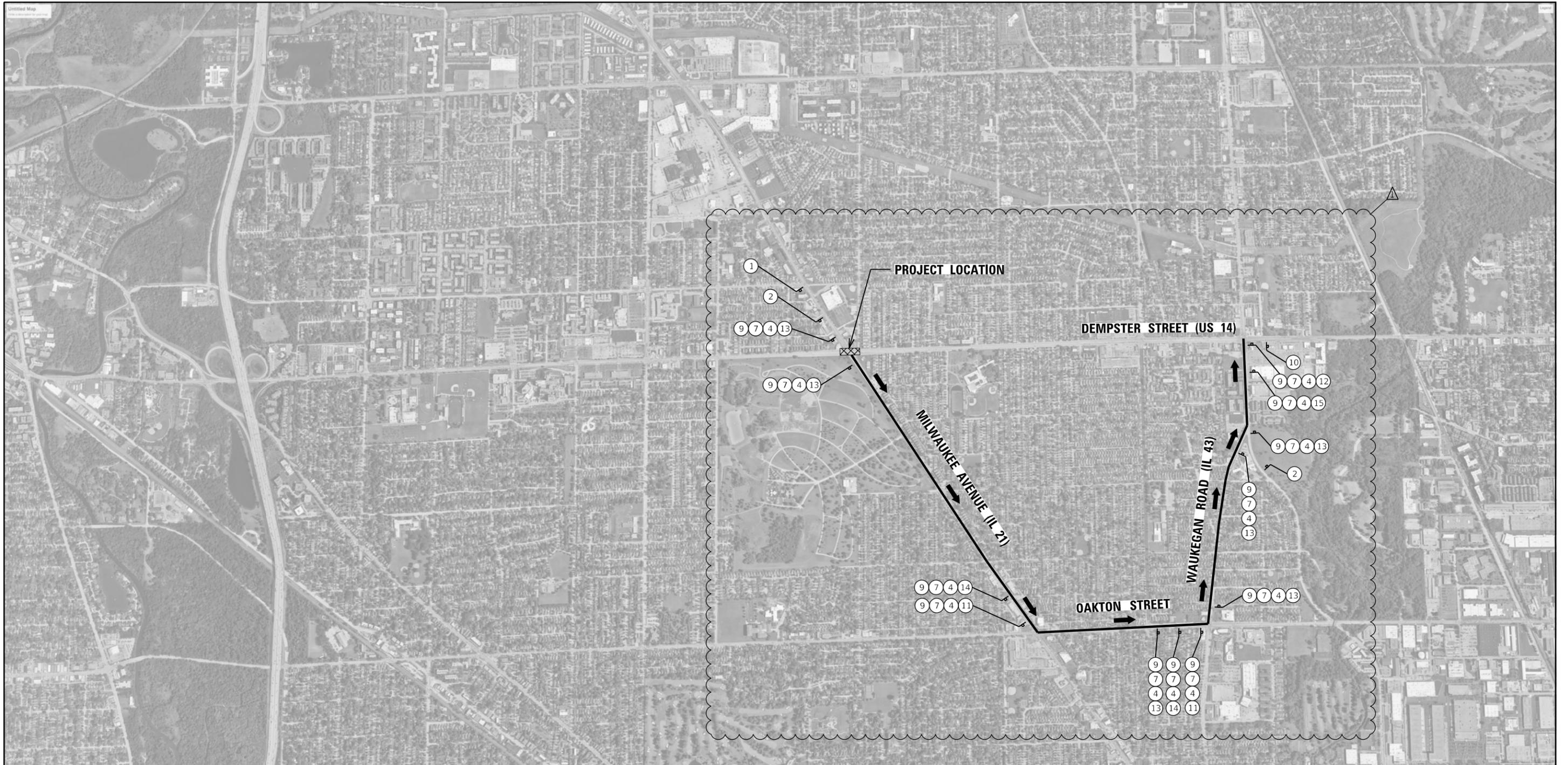
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
 DETOUR ROUTE MILWAUKEE AVE (NB) TO DEMPSTER ST (WB)**

SCALE: N.T.S. SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 374	SECTION FAP 0374 22 BJ	COUNTY COOK	TOTAL SHEETS 63	SHEET NO. 18
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 62T24	
FED. AID PROJECT				

REVISION 1 REVISED SHEET 6/6/2024



SIGNAGE LEGEND

1. NO LEFT TURN AT DEMPSTER STREET FOLLOW DETOUR
36" X 78" SPECIAL 6" BLACK LETTERS ON FLUORESCENT ORANGE BACKGROUND

2. DETOUR AHEAD
W20-2-48X48

3. IL 21
M1-50-2424

4. US 14
M1-40-2424

5. NORTH
M3-1-2412

6. SOUTH
M3-3-2412

7. EAST
M3-2-2412

8. WEST
M3-4-2412

9. DETOUR
M4-8-2412

10. END DETOUR
M4-8a-30X24

11. ←
M6-1-2115

12. →
M6-1-2115

13. ↑
M6-3-2115

14. ↙
M5-1L-2115

15. ↘
M5-1R-2115

FLASHING MONO-DIRECTIONAL LIGHT

DETOUR ROUTE INFORMATION

MILWAUKEE AVENUE (IL 21)
 JURISDICTION: STATE
 ADT: 26,400
 4-LANE 2-WAY
 MAXIMUM TRAVEL DISTANCE: 1.17 MILES
 POSTED SPEED: 35 MPH

OAKTON STREET
 JURISDICTION: NILES
 ADT: 24,400
 4-LANE 2-WAY
 MAXIMUM TRAVEL DISTANCE: 0.60 MILES
 POSTED SPEED: 35 MPH

WAUKEGAN ROAD (IL 43)
 JURISDICTION: STATE
 ADT: 12,000
 4-LANE 2-WAY
 MAXIMUM TRAVEL DISTANCE: 1.02 MILES
 POSTED SPEED: 35 MPH

DETOUR DESCRIPTION

MILWAUKEE AVE (SB) TO DEMPSTER ST (EB)

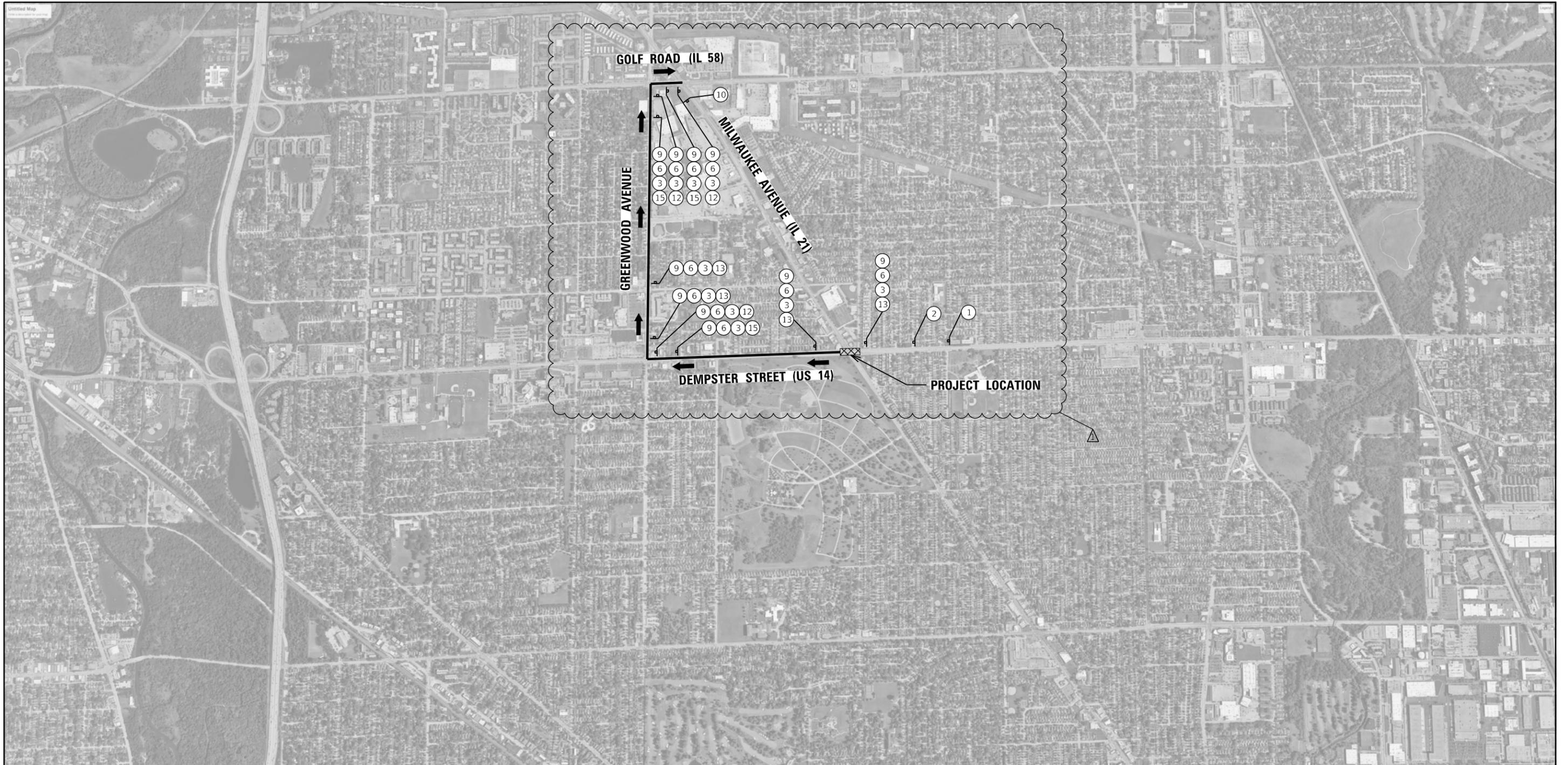
1. SOUTHBOUND MILWAUKEE AVENUE (IL 21) TRAFFIC WILL CONTINUE ON THE SAME ROUTE UNTIL OAKTON STREET.
2. DRIVERS WILL TURN LEFT ONTO EASTBOUND OAKTON STREET UNTIL WAUKEGAN ROAD (IL 43).
3. DRIVERS WILL TURN LEFT ONTO NORTHBOUND WAUKEGAN ROAD (IL 43) UNTIL DEMPSTER STREET (US 14).
4. DRIVERS WILL TURN RIGHT TO CONTINUE ALONG EASTBOUND DEMPSTER STREET (US 14) AND COMPLETE THE DETOUR.

DETOUR PLAN LEGEND

(X) DETOUR SIGN TYPE [X] WORK ZONE
 ▸ DETOUR SIGN — DETOUR ROUTE
 → DIRECTION OF REROUTED TRAFFIC

USER NAME = rileywhite	DESIGNED - RW	REVISED - 05/31/2024
PLOT SCALE = 2.0000" / in.	DRAWN - RW	REVISED -
PLOT DATE = 5/30/2024	CHECKED - YK	REVISED -
	DATE - 03/25/2024	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	FAP 0374 22 BJ	COOK	63	19
CONTRACT NO. 62T24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SIGNAGE LEGEND

① NO LEFT TURN AT MILWAUKEE AVE FOLLOW DETOUR
36" X 78" SPECIAL 6" BLACK LETTERS ON FLUORESCENT ORANGE BACKGROUND

② DETOUR AHEAD
W20-2-48X48

③ IL 21
M1-50-2424

④ US 14
M1-40-2424

⑤ NORTH
M3-1-2412

⑥ SOUTH
M3-3-2412

⑦ EAST
M3-2-2412

⑧ WEST
M3-4-2412

⑨ DETOUR
M4-8-2412

⑩ END DETOUR
M4-8a-30X24

⑪ ←
M6-1-2115

⑫ →
M6-1-2115

⑬ ↑
M6-3-2115

⑭ ↙
M5-1L-2115

⑮ ↘
M5-1R-2115

○ FLASHING MONO-DIRECTIONAL LIGHT

DETOUR ROUTE INFORMATION

DEMPSTER STREET (US 14)
JURISDICTION: FEDERAL
ADT: 35,000
4-LANE 2-WAY
MAXIMUM TRAVEL DISTANCE: 0.72 MILES
POSTED SPEED: 35 MPH

GREENWOOD AVENUE
JURISDICTION: NILES
ADT: 18,000
4-LANE 2-WAY
MAXIMUM TRAVEL DISTANCE: 1.00 MILES
POSTED SPEED: 35 MPH

GOLF ROAD (IL 58)
JURISDICTION: STATE
ADT: 30,900
6-LANE 2-WAY
MAXIMUM TRAVEL DISTANCE: 0.11 MILES
POSTED SPEED: 35 MPH

DETOUR DESCRIPTION

DEMPSTER ST (WB) TO MILWAUKEE AVE (SB)

- WESTBOUND DEMPSTER STREET (US 14) TRAFFIC WILL CONTINUE ON THE SAME ROUTE UNTIL GREENWOOD AVENUE.
- DRIVERS WILL TURN RIGHT ONTO NORTHBOUND GREENWOOD AVENUE UNTIL GOLF ROAD (IL 58).
- DRIVERS WILL TURN RIGHT ONTO EASTBOUND GOLF ROAD (IL 58) UNTIL MILWAUKEE AVENUE (IL 21).
- DRIVERS WILL TURN RIGHT TO CONTINUE ALONG SOUTHBOUND MILWAUKEE AVENUE (IL 21) AND COMPLETE THE DETOUR.

DETOUR PLAN LEGEND

⊗ DETOUR SIGN TYPE

⊞ WORK ZONE

↔ DETOUR SIGN

— DETOUR ROUTE

➔ DIRECTION OF REROUTED TRAFFIC

FILE NAME = SFFILES
PLOT SCALE = 2.0000" / in.
USER NAME = rileywhite



USER NAME = rileywhite	DESIGNED - RW	REVISED - 05/31/2024
PLOT SCALE = 2.0000" / in.	DRAWN - RW	REVISED -
PLOT DATE = 5/30/2024	CHECKED - YK	REVISED -
	DATE - 03/25/2024	REVISED -

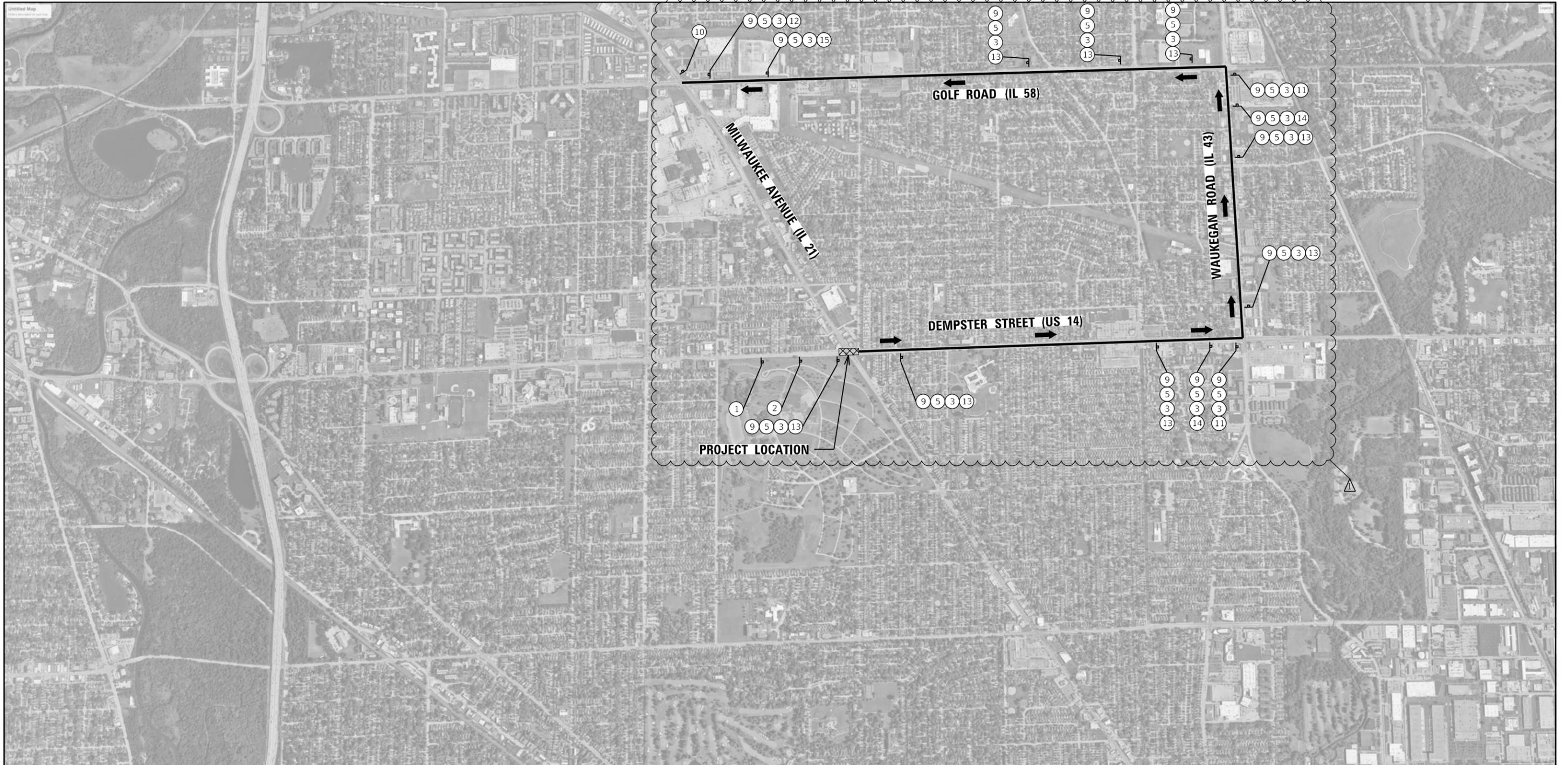
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
DETOUR ROUTE DEMPSTER ST (WB) TO MILWAUKEE AVE (SB)

SCALE: N.T.S. SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	FAP 0374 22 BJ	COOK	63	20
CONTRACT NO. 62T24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

REVISION 1 REVISED SHEET 6/6/2024



SIGNAGE LEGEND

1 NO LEFT TURN AT MILWAUKEE AVE FOLLOW DETOUR
36" X 78" SPECIAL 6" BLACK LETTERS ON FLUORESCENT ORANGE BACKGROUND

2 DETOUR AHEAD
W20-2-48X48

3 IL 21
M1-50-2424

4 IL 14
M1-40-2424

5 NORTH
M3-1-2412

6 SOUTH
M3-3-2412

7 EAST
M3-2-2412

8 WEST
M3-4-2412

9 DETOUR
M4-8-2412

10 END DETOUR
M4-8a-30X24

11 ←
M6-1-2115

12 →
M6-1-2115

13 ↑
M6-3-2115

14 ↙
M5-1L-2115

15 ↘
M5-1R-2115

○ FLASHING MONO-DIRECTIONAL LIGHT

DETOUR ROUTE INFORMATION

DEMPSTER STREET (US 14)
 JURISDICTION: FEDERAL
 ADT: 39,500
 6-LANE 2-WAY
 MAXIMUM TRAVEL DISTANCE: 1.41 MILES
 POSTED SPEED: 35 MPH

WAUKEGAN ROAD (IL 43)
 JURISDICTION: STATE
 ADT: 23,200
 4-LANE 2-WAY
 MAXIMUM TRAVEL DISTANCE: 0.99 MILES
 POSTED SPEED: 35 MPH

GOLF ROAD (IL 58)
 JURISDICTION: STATE
 ADT: 35,000
 4-LANE 2-WAY
 MAXIMUM TRAVEL DISTANCE: 1.98 MILES
 POSTED SPEED: 40 MPH

DETOUR DESCRIPTION

DEMPSTER ST (EB) TO MILWAUKEE AVE (NB)

- EASTBOUND DEMPSTER STREET (US 14) TRAFFIC WILL CONTINUE ON THE SAME ROUTE UNTIL WAUKEGAN ROAD (IL 43).
- DRIVERS WILL TURN LEFT ONTO NORTHBOUND WAUKEGAN ROAD (IL 43) UNTIL GOLF ROAD (IL 58).
- DRIVERS WILL TURN LEFT ONTO WESTBOUND GOLF ROAD (IL 58) UNTIL MILWAUKEE AVENUE (IL 21).
- DRIVERS WILL TURN RIGHT TO CONTINUE ALONG NORTHBOUND MILWAUKEE AVENUE (IL 21) AND COMPLETE THE DETOUR.

DETOUR PLAN LEGEND

(X) DETOUR SIGN TYPE [X] WORK ZONE
 ▸ DETOUR SIGN — DETOUR ROUTE
 → DIRECTION OF REROUTED TRAFFIC



USER NAME = rileywhite	DESIGNED - RW	REVISED - 05/31/2024
	DRAWN - RW	REVISED -
PLOT SCALE = 2.0000" / in.	CHECKED - YK	REVISED -
PLOT DATE = 5/30/2024	DATE - 03/25/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

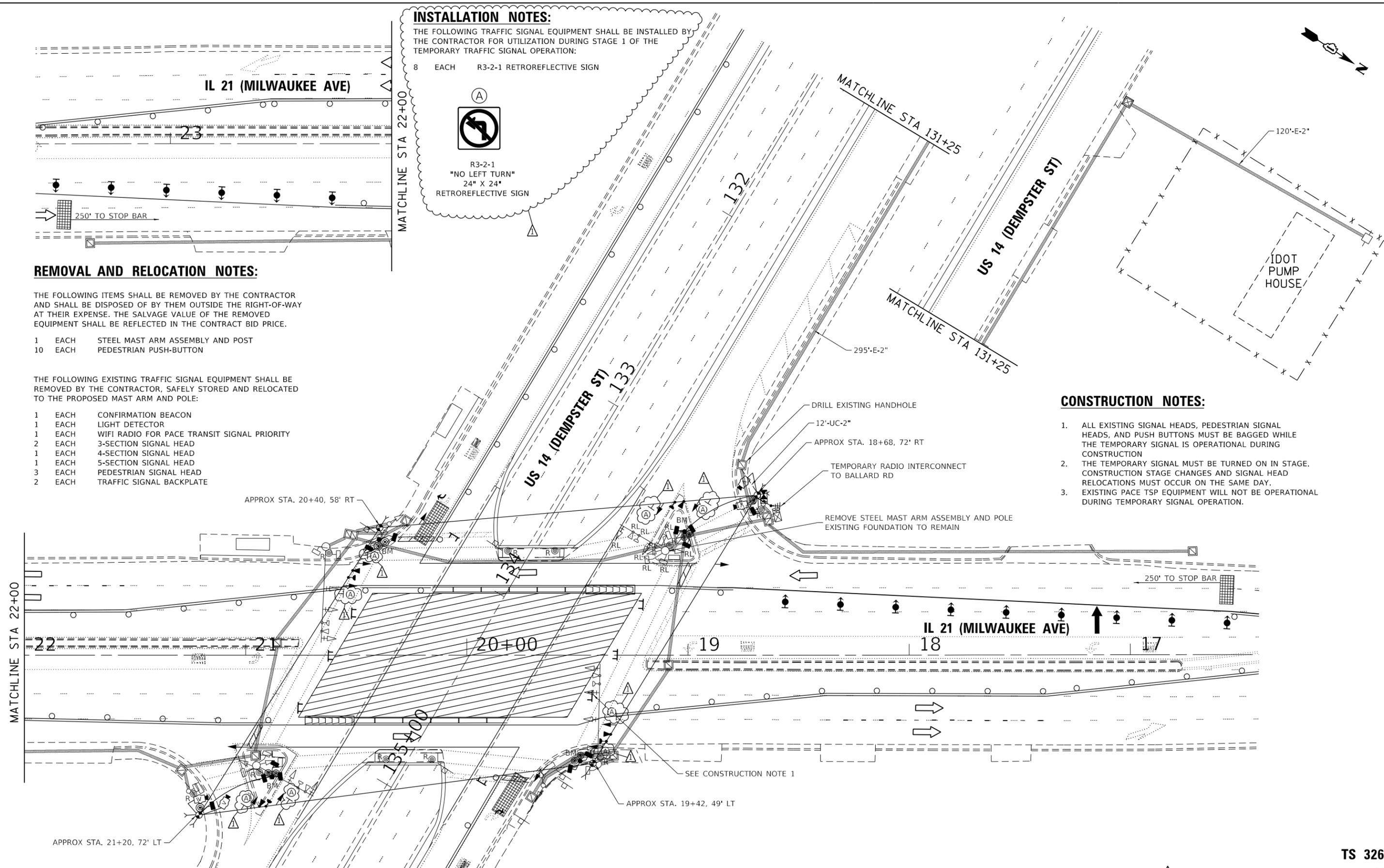
**IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
DETOUR ROUTE DEMPSTER ST (EB) TO MILWAUKEE AVE (NB)**

SCALE: N.T.S. SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	FAP 0374 22 BJ	COOK	63	21
CONTRACT NO. 62T24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

▲ REVISED SHEET 6/6/2024

FILE NAME = SFFILES
 PLOT SCALE = 2.0000" / in.
 USER NAME = rileywhite



INSTALLATION NOTES:
 THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED BY THE CONTRACTOR FOR UTILIZATION DURING STAGE 1 OF THE TEMPORARY TRAFFIC SIGNAL OPERATION:
 8 EACH R3-2-1 RETROREFLECTIVE SIGN

(A)

 R3-2-1 "NO LEFT TURN" 24" X 24" RETROREFLECTIVE SIGN

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH STEEL MAST ARM ASSEMBLY AND POST
- 10 EACH PEDESTRIAN PUSH-BUTTON

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED MAST ARM AND POLE:

- 1 EACH CONFIRMATION BEACON
- 1 EACH LIGHT DETECTOR
- 1 EACH WIFI RADIO FOR PACE TRANSIT SIGNAL PRIORITY
- 2 EACH 3-SECTION SIGNAL HEAD
- 1 EACH 4-SECTION SIGNAL HEAD
- 1 EACH 5-SECTION SIGNAL HEAD
- 3 EACH PEDESTRIAN SIGNAL HEAD
- 2 EACH TRAFFIC SIGNAL BACKPLATE

CONSTRUCTION NOTES:

1. ALL EXISTING SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, AND PUSH BUTTONS MUST BE BAGGED WHILE THE TEMPORARY SIGNAL IS OPERATIONAL DURING CONSTRUCTION
2. THE TEMPORARY SIGNAL MUST BE TURNED ON IN STAGE. CONSTRUCTION STAGE CHANGES AND SIGNAL HEAD RELOCATIONS MUST OCCUR ON THE SAME DAY.
3. EXISTING PACE TSP EQUIPMENT WILL NOT BE OPERATIONAL DURING TEMPORARY SIGNAL OPERATION.

REVISIONED SHEET 6/6/2024

TS 326
ECON 11



USER NAME = sagrawal	DESIGNED - GJG	REVISED - 05/31/2024
	DRAWN - GJG	REVISED -
PLOT SCALE = 40,0000 "/td> <td>CHECKED - MG</td> <td>REVISED -</td>	CHECKED - MG	REVISED -
PLOT DATE = 5/30/2024	DATE - 03/25/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

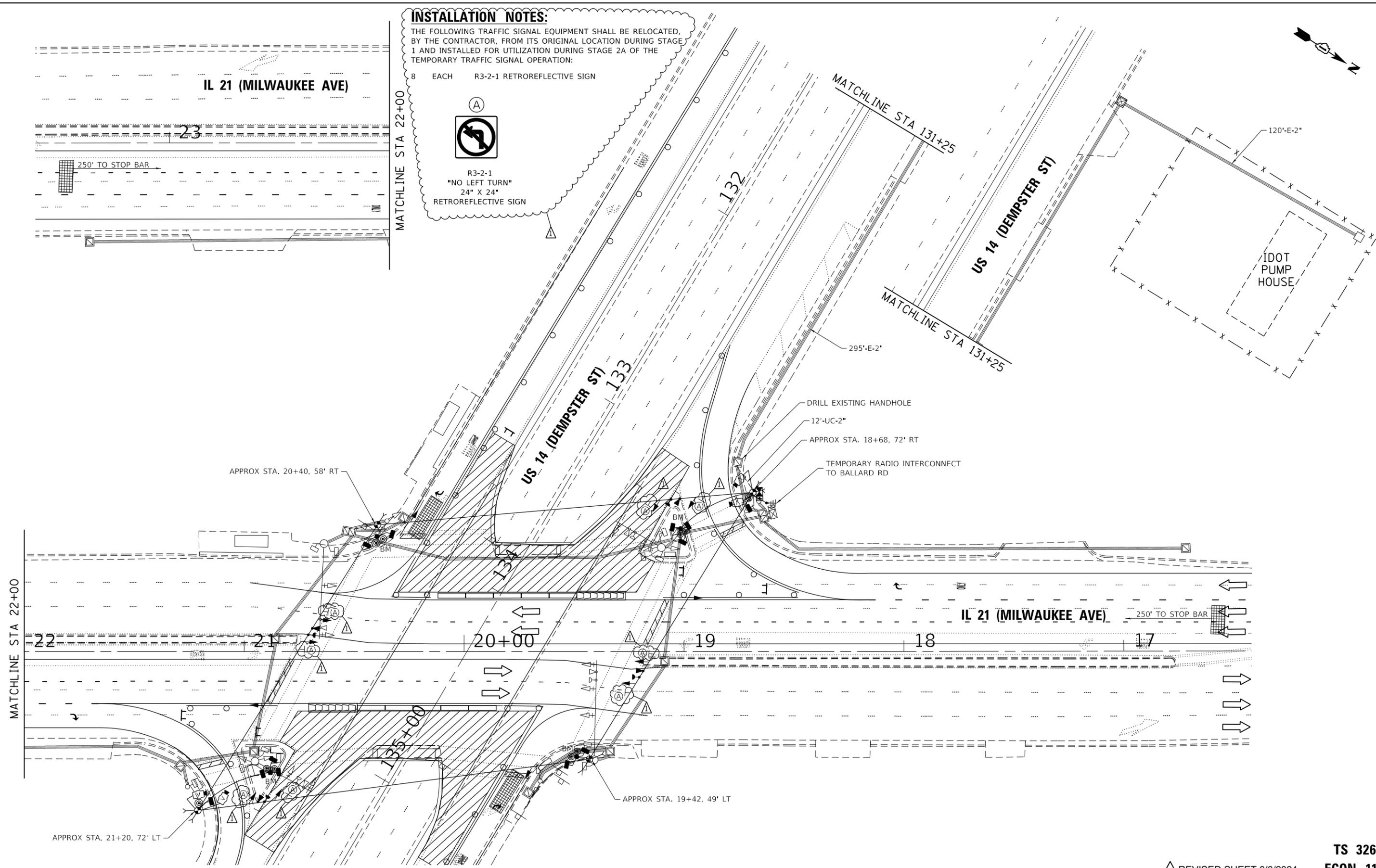
IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
TEMPORARY SIGNAL INSTALLATION (STAGE 1) AND
EXISTING SIGNAL REMOVAL PLAN

SCALE: 1"=20' SHEET 01 OF 03 SHEETS STA. TO STA.

F.A.P. RTE. 374	SECTION FAP 0374 22 BJ	COUNTY COOK	TOTAL SHEETS 63	SHEET NO. 23
CONTRACT NO. 62T24				
ILLINOIS FED. AID PROJECT				

TS SHT NO.2

MODEL: Default
FILE NAME: I122203.02_04_CADD\CADD-Sheets\162T24-sheet-02_Temp_Signal_Plan_Sht_2a.dgn



INSTALLATION NOTES:
THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE RELOCATED, BY THE CONTRACTOR, FROM ITS ORIGINAL LOCATION DURING STAGE 1 AND INSTALLED FOR UTILIZATION DURING STAGE 2A OF THE TEMPORARY TRAFFIC SIGNAL OPERATION:

8 EACH R3-2-1 RETROREFLECTIVE SIGN

(A)
R3-2-1
"NO LEFT TURN"
24" X 24"
RETROREFLECTIVE SIGN



REVISION 1
REVISED SHEET 6/6/2024

TS 326
ECON 11



USER NAME = sagrawal	DESIGNED - GJG	REVISED - 05/31/2024
	DRAWN - GJG	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - MG	REVISED -
PLOT DATE = 5/30/2024	DATE - 03/25/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

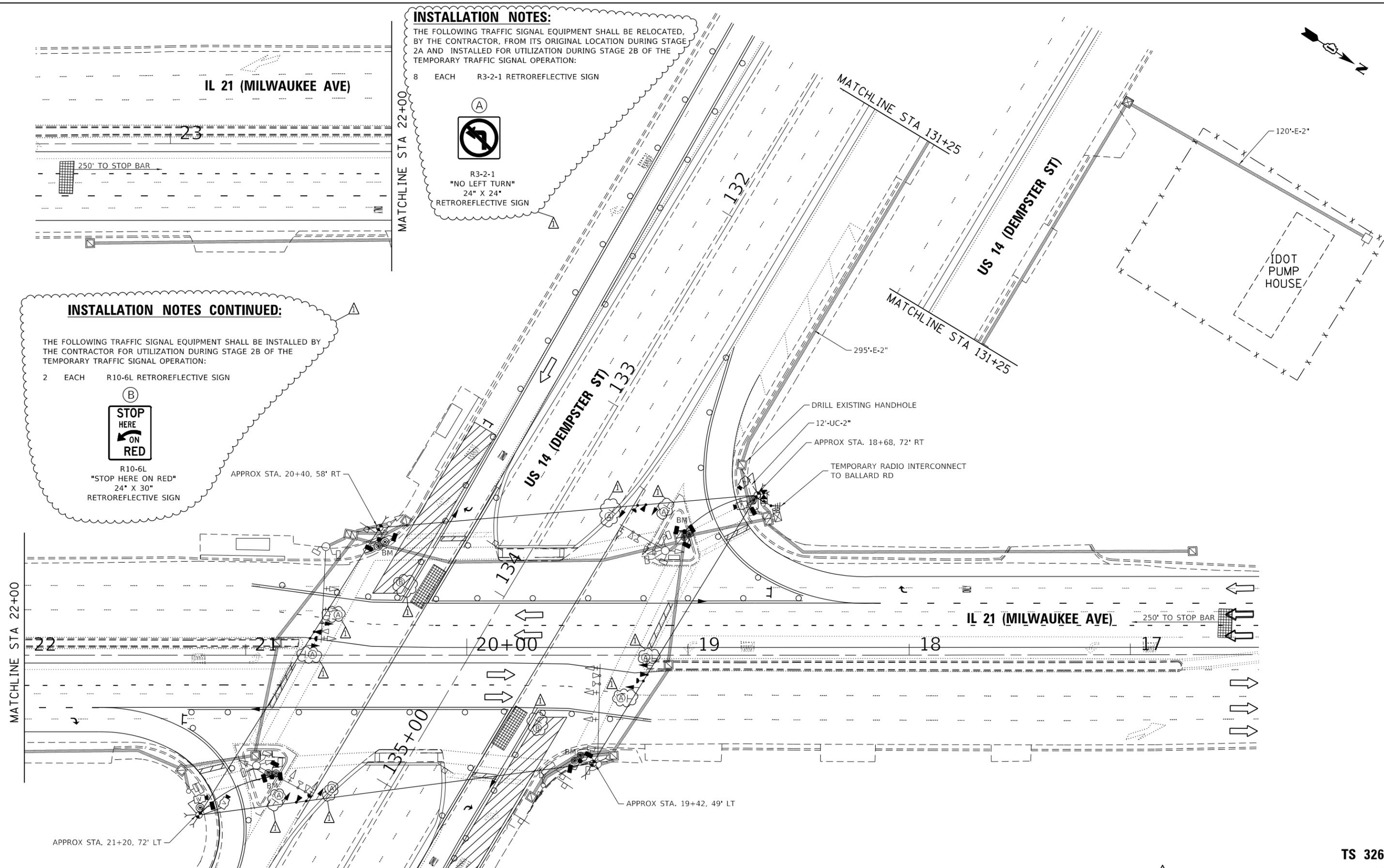
IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (STAGE 2A)

SCALE: 1"=20' SHEET 02 OF 03 SHEETS STA. TO STA.

F.A.P. RTE. 374	SECTION FAP 0374 22 BJ	COUNTY COOK	TOTAL SHEETS 63	SHEET NO. 24
CONTRACT NO. 62T24				
ILLINOIS FED. AID PROJECT				

TS SHT NO.3

MODEL: Default
FILE NAME: 20220303_02_04_CADD\CADD-Sheets\162T24-sheet-03_Temp_Signal_Plan_Sht_2b.dgn



INSTALLATION NOTES:
THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE RELOCATED, BY THE CONTRACTOR, FROM ITS ORIGINAL LOCATION DURING STAGE 2A AND INSTALLED FOR UTILIZATION DURING STAGE 2B OF THE TEMPORARY TRAFFIC SIGNAL OPERATION:

8 EACH R3-2-1 RETROREFLECTIVE SIGN

(A)

R3-2-1
"NO LEFT TURN"
24" X 24"
RETROREFLECTIVE SIGN

INSTALLATION NOTES CONTINUED:

THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED BY THE CONTRACTOR FOR UTILIZATION DURING STAGE 2B OF THE TEMPORARY TRAFFIC SIGNAL OPERATION:

2 EACH R10-6L RETROREFLECTIVE SIGN

(B)

STOP
HERE
ON
RED

R10-6L
"STOP HERE ON RED"
24" X 30"
RETROREFLECTIVE SIGN

APPROX STA. 20+40, 58' RT

APPROX STA. 19+42, 49' LT

REVISION 1 REVISED SHEET 6/6/2024

TS 326
ECON 11



USER NAME = sagrawal	DESIGNED - GJG	REVISED - 05/31/2024
	DRAWN - GJG	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - MG	REVISED -
PLOT DATE = 5/30/2024	DATE - 03/25/2024	REVISED -

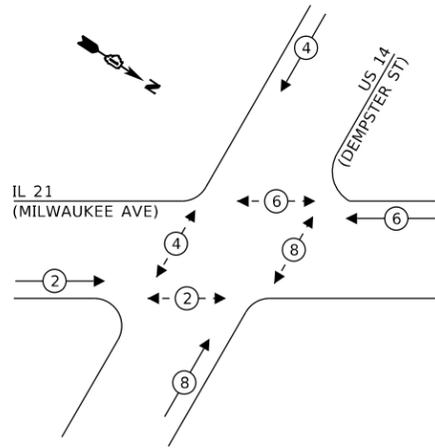
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (STAGE 2B)

SCALE: 1"=20' SHEET 03 OF 03 SHEETS STA. TO STA.

F.A.P. RTE. 374	SECTION FAP 0374 22 BJ	COUNTY COOK	TOTAL SHEETS 63	SHEET NO. 25
CONTRACT NO. 62T24				
ILLINOIS FED. AID PROJECT				

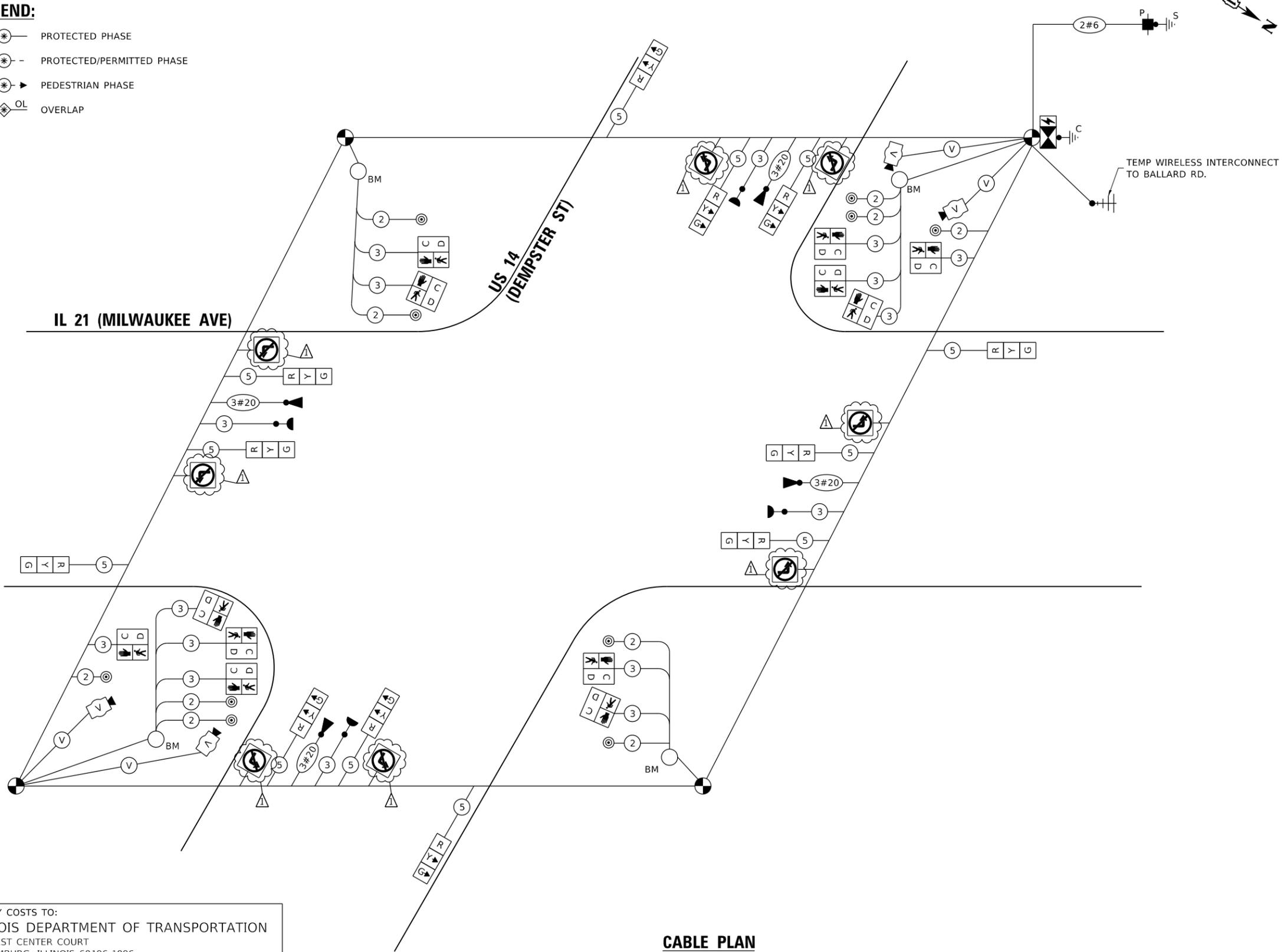
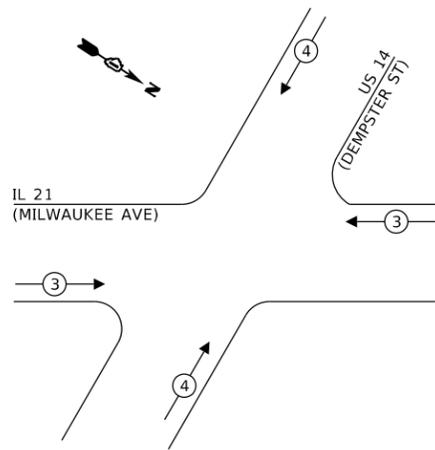
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

- ← ⊙ → PROTECTED PHASE
- ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
- ← ⊙ ⊙ → PEDESTRIAN PHASE
- ⊙ OL OVERLAP

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	12	11	132
4-SECTION	-	14	-
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	4	20	80
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING		507	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING		1,112	

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
 202 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY: CONTACT: NEW BUSINESS DEPT.
 PHONE: (866) 639-3532
 COMPANY: COMED
 ACCOUNT NUMBER: 23020-25272
 METER NUMBER: ---

TS SHT NO. 4

MODEL: Default
 FILE NAME: 202303_07_04_CADD/CADD_Sheets/04_Temp_Signal_Cable_Plan.dwg
 SHEET: 04



USER NAME = sagrawal	DESIGNED - GJG	REVISED - 05/31/2024
PLOT SCALE = 2,0000' / in.	DRAWN - GJG	REVISED -
PLOT DATE = 5/30/2024	CHECKED - MG	REVISED -
	DATE - 03/25/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
 TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
 AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

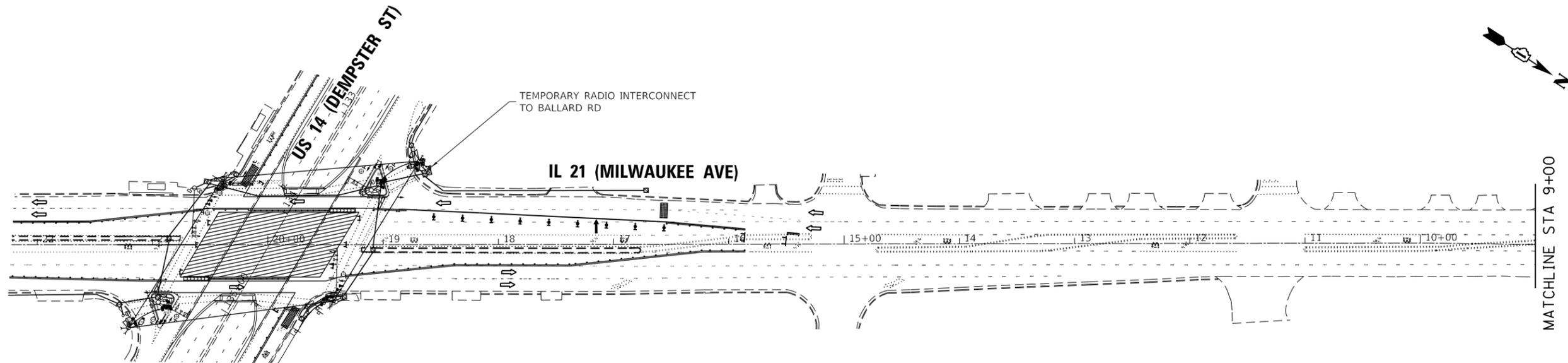
REVISD SHEET 6/6/2024

TS 326

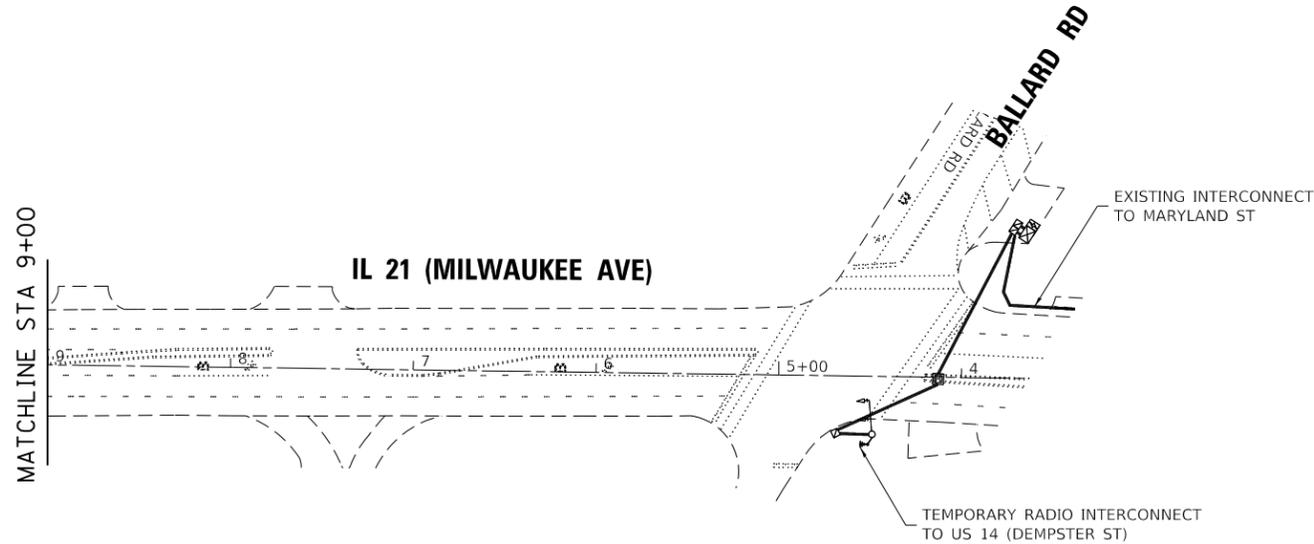
ECON 11

F.A.P. RTE. 374	SECTION FAP 0374 22 BJ	COUNTY COOK	TOTAL SHEETS 63	SHEET NO. 26
CONTRACT NO. 62T24				ILLINOIS FED. AID PROJECT

MODEL: Default
FILE NAME: 202203_07_04_CADD\CADD_Sheets\162174-sheet-09_Temp Interconnect Plan.dgn



MATCHLINE STA 9+00



MATCHLINE STA 9+00

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
REMOVE AND RELOCATE SIGN PANEL - TYPE 1	SQ FT	9
REMOVE AND RELOCATE SIGN PANEL - TYPE 2	SQ FT	13
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	160
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	80
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	85
CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	70
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	2
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	4
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3,820
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,290
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	191
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	233
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	940
STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1
DRILL EXISTING HANDHOLE	EACH	13
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING SIGNAL HEAD	EACH	4
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	3
* RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	1
* RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1,998
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	118
ROD AND CLEAN EXISTING CONDUIT	FOOT	365
CONDUIT, FLEXIBLE, LIQUID TIGHT, METALLIC, 2" DIAMETER	FOOT	40
TRAFFIC SIGNAL POST, 10 FOOT, (SPECIAL)	EACH	4
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	9
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	16
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	64
DETECTOR LOOP REPLACEMENT	FOOT	405
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	13

* 100% COST TO THE VILLAGE OF NILES

REVISED SHEET 6/6/2024



USER NAME = sagrawal	DESIGNED - GJG	REVISED - 05/31/2024
PLOT SCALE = 100,0000' / in.	DRAWN - GJG	REVISED -
PLOT DATE = 5/30/2024	CHECKED - MG	REVISED -
	DATE - 03/25/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 21 (MILWAUKEE AVE) OVER US 14 (DEMPSTER ST)
TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 374	SECTION FAP 0374 22 BJ	COUNTY COOK	TOTAL SHEETS 63	SHEET NO. 31
CONTRACT NO. 62T24				
ILLINOIS FED. AID PROJECT				

ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

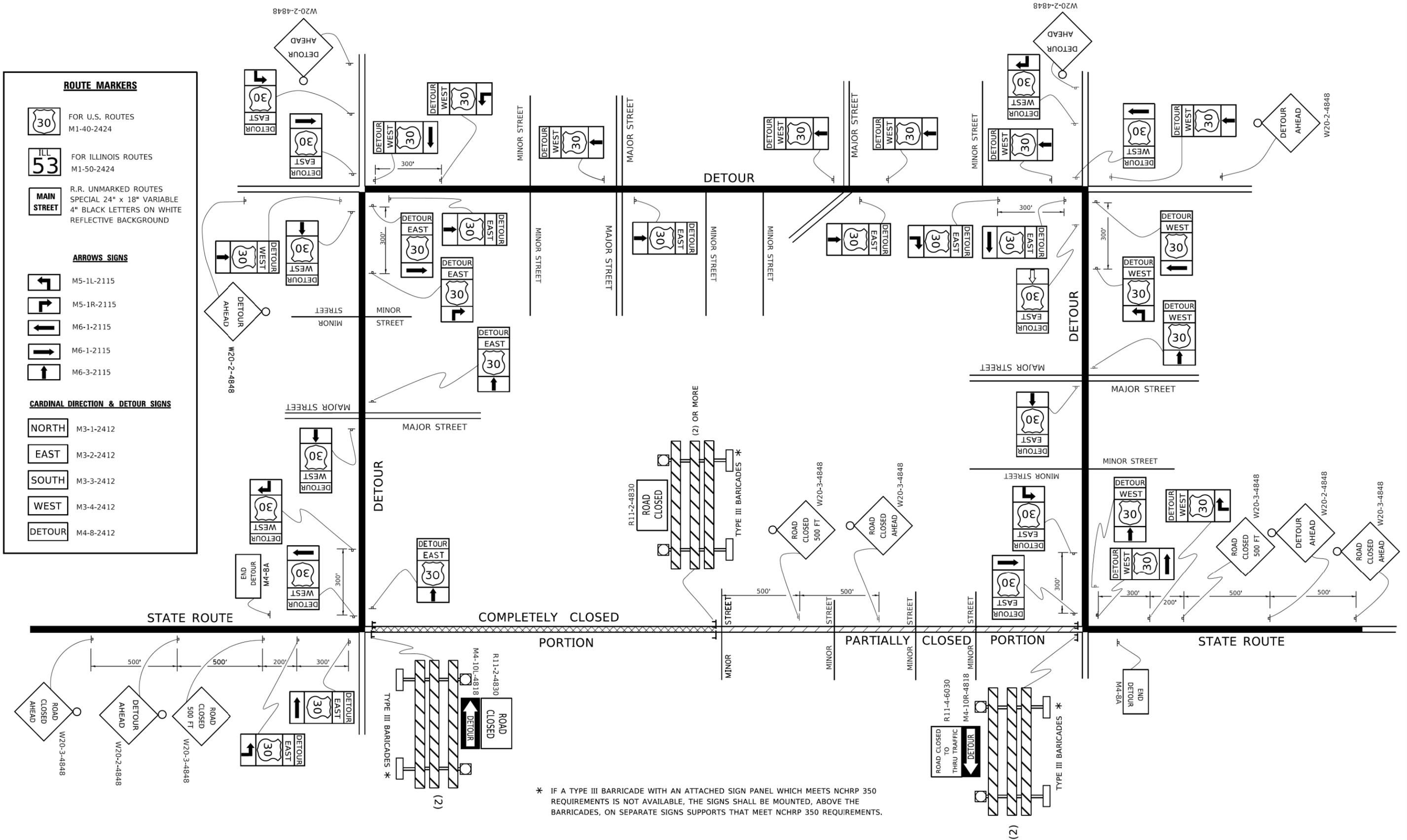
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

WEST M3-4-2412

DETOUR M4-8-2412



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

REVISOR SHEET 05/31/2024

FILE NAME =
PLOT SCALE = 2.0000" / in.
USER NAME = rileywhite



USER NAME = rileywhite	DESIGNED - RW	REVISED - 05/31/2024
	DRAWN - RW	REVISED -
PLOT SCALE = 2.0000" / in.	CHECKED - YK	REVISED -
PLOT DATE = 5/30/2024	DATE - 03/25/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR SIGNING
FOR CLOSING STATE HIGHWAYS**

SCALE: SHEET NO. 9 OF 17SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	FAP 0374 22 BJ	COOK	63	55
TC-21			CONTRACT NO. 62T24	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				