

PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 0347 (ROOSEVELT ROAD)
OVER IHB RAILROAD & GARDNER ROAD

SECTION FAP 0347 22 BJ

PROJECT NHPP-STP-H4D0(269)

BRIDGE DECK OVERLAY

AND JOINT REPAIR (STRUCTURE NO. 016-0962)

COOK COUNTY

FOR INDEX OF SHEETS, SEE SHEET NO. 2

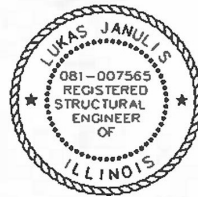
IMPROVEMENT IS LOCATED IN THE VILLAGE OF BROADVIEW AND THE VILLAGE OF WESTCHESTER

TRAFFIC DATA

2022 ADT = 25,000

POSTED SPEED LIMIT = 30 MPH

FUNCTIONAL CLASS = OTHER PRINCIPAL ARTERIAL



EXPIRES NOV. 30, 2024

Lukas Janulis
SIGNATURE

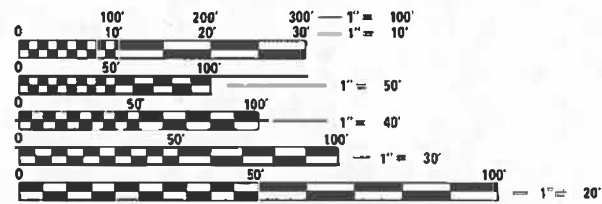
OCT. 17, 2023
DATE



EXPIRES NOV. 30, 2023

Maxwell W. Van West
SIGNATURE

OCT. 17, 2023
DATE



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 ENGINEER: PRAVEEN KAINI, P.E. (847-705-4237)

PROJECT MANAGER: J. ALAIN MIDY, P.E. (847-221-3056)

CONTRACT NO. 62T14

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0347	FAP 0347 22 BJ	COOK	42	1
ILLINOIS			CONTRACT NO. 62T14	
* 42 + 1 = 43 TOTAL SHEETS				

D-91-247-22



LOCATION OF SECTION INDICATED THUS: —



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

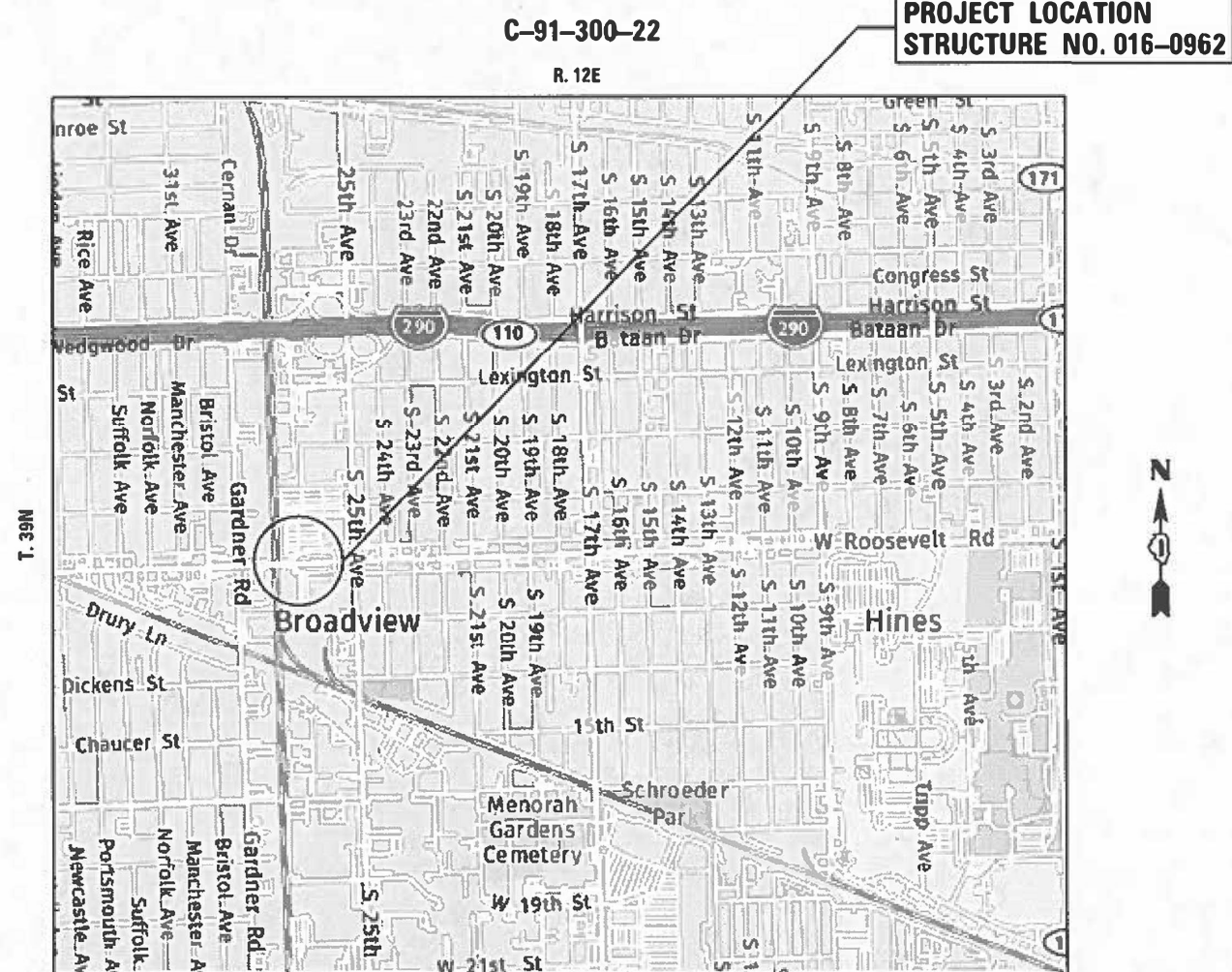
SUBMITTED OCTOBER 17 2023
Joe Piro
December 8, 2023 REGIONAL ENGINEER

Steph M. Janulis
December 8, 2023 ENGINEER OF DESIGN AND ENVIRONMENT

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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REVISED SHEET 12/29/2023



LOCATION MAP

GROSS LENGTH = 1300 FT. = 0.25 MILE

NET LENGTH = 1300 FT. = 0.25 MILE

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HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701311-03	CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD 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
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

IDOT DISTRICT 1 STANDARD DETAILS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
BD - 24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT DETAIL
BD - 32	BUTT JOINT AND HMA TAPER DETAILS
TC - 10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC - 11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC - 13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC - 14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC - 16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC - 22	ARTERIAL ROAD INFORMATION SIGN
TC - 26	DRIVEWAY ENTRANCE SIGNING

HMA MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (QMP)
HMA OVERLAY AND BUTT JOINT - ROOSEVELT ROAD		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1¾"	4% AT 70 GYR.	QC/QA
HMA OVERLAY - FRONTAGE ROAD RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 2"	4% AT 70 GYR.	QC/QA
HMA BINDER AND OVERLAY - FRONTAGE ROAD RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1¾"	4% AT 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2¾"	4% AT 70 GYR.	QC/QA
CLASS D PATCHES		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% AT 70 GYR.	QC/QA
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA);		

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/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.

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N. (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC TELEPHONE AND GAS FACILITIES (48 HOUR NOTIFICATION REQUIRED).
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF RIVERSIDE. THE PLANS DO NOT REPRESENT A COMPLETE DEPICTION OF ALL UTILITIES THAT MAY BE IMPACTED BY THE PROPOSED WORK. THE CONTRACTOR SHALL PERFORM AN INDEPENDENT INVESTIGATION TO DETERMINE THE OWNERSHIP OF IMPACTED UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY OWNERS AND MAY BE REQUIRED TO PROVIDE TEMPORARY SUPPORT. ADJUST, RELOCATE OR REMOVE UTILITIES THAT ARE IMPACTED BY THE PROPOSED IMPROVEMENT. THIS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
4. REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
6. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE, BRIDGE SECTION.
7. THE CONTRACTOR SHALL TAKE EXTREME CARE WHEN PERFORMING DEMOLITION AND REMOVAL AROUND THE EXITING FACILITIES TO REMAIN IN PLACE. IF EXISTING ELEMENTS ARE DAMAGED, THE CONTRACTOR SHALL REPAIR/RESTORE TO MATCH THE EXISTING CONDITIONS OR BETTER.
8. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCES, 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.
9. ALL DAMAGE TO EXISTING PAVEMENT MARKING OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTORS EXPENSE. NO ADDITIONAL COST TO THE DEPARTMENT.
10. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
11. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
12. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
13. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
14. 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.
15. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL LOGS, SHRUBS, BUSHES, SAPLINGS, UNDERBRUSH OR DEBRIS ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS AT LOCATIONS REQUIRING ACCESS TO THE SUBSTRUCTURE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COST SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
16. THE DEPARTMENT HAS DETERMINED THAT IN STREAM WORK IS NOT REQUIRED FOR THE WORK SPECIFIED IN THIS CONTRACT. THE DEPARTMENT HAS NOT OBTAINED A 404 PERMIT. IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING AN USACE 404 PERMIT IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER USACE PERMITS.
17. TWO WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT MR. EMAD ALHUSSEINI, AREA TRAFFIC FIELD ENGINEER, AT EMAD.ALHUSSEINI@ILLINOIS.GOV.
18. THE CONTRACTOR SHALL NOTIFY PACE'S TRANSPORTATION ENGINEER AT (847) 228-3584 AT LEAST TWO WEEKS IN ADVANCE OF THE BEGINNING OF CONSTRUCTION.

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USER NAME = ljanulis	DESIGNED -	REVISION 12/27/23 L.J.
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0347	FAP 0347 22 BJ	COOK	42	2
CONTRACT NO. 62T14				
		ILLINOIS	FED. AID PROJECT	

1 REVISION SHEET 12/29/2023

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. TRAFFIC CONDITIONS, CRASHES, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. COMPLIANCE WITH THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE OF THE MAINTENANCE OF TRAFFIC ITEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2. THE MAINTENANCE OF TRAFFIC PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. THE CONTRACTOR MAY MODIFY THE MAINTENANCE OF TRAFFIC PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. THE ENGINEER SHALL BE INFORMED IN WRITING A MINIMUM OF 48 HOURS IN ADVANCE OF ANY CHANGE TO THE MAINTENANCE OF TRAFFIC PLANS.
3. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY OR EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THE STAGING. REMOVAL OF PAVEMENT MARKING TAPE WILL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL" (70300150). REMOVAL OF PAVEMENT MARKINGS ON PERMANENT PAVEMENT WILL BE PAID FOR AS "PAVEMENT MARKING - WATER BLASTING".
4. THE CONTRACTOR SHALL REMOVE OR COVER ALL EXISTING SIGNS THAT CONFLICT WITH OR DO NOT APPLY TO THE REVISED TRAFFIC PATTERNS AND SHALL RESTORE THE SIGNS AT THE END OF CONSTRUCTION AS DIRECTED BY THE ENGINEER. COMPLIANCE WITH THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE OF THE MAINTENANCE OF TRAFFIC ITEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE CONTRACTOR SHALL PROVIDE 48 HOURS ADVANCE NOTICE TO THE ENGINEER OF ANY CONSTRUCTION WORK THAT MAY IMPACT ANY ROADWAY LIGHTING.
6. THE CONTRACTOR SHALL PROPERLY DISPOSE OF ANY EXISTING SIGNS REMOVED, BUT NOT RELOCATED, FROM THE PROJECT. THE CONTRACTOR SHALL PROPERLY STORE RELOCATED SIGNS AS APPROVED BY THE ENGINEER UNTIL THEY ARE PROPERLY RE-ERECTED.
7. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.
8. 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" WHERE ROADWAY SURFACE IS TO REMAIN, AND PAVEMENT MARKING REMOVAL GRINDING WHERE ROADWAY SURFACE IS TO BE REMOVED.
9. 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. THE EXISTING RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS THAT WERE REMOVED SHALL BE RESTORED IN THE AREAS OUTSIDE OF THE PROPOSED RESURFACING LIMITS AFTER THE COMPLETION OF THE STAGING.
10. PAVEMENT MARKING TAPE, TYPE IV 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 AT THEIR RESPECTIVE CONTRACT UNIT PRICE.
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 TRAFFIC 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.

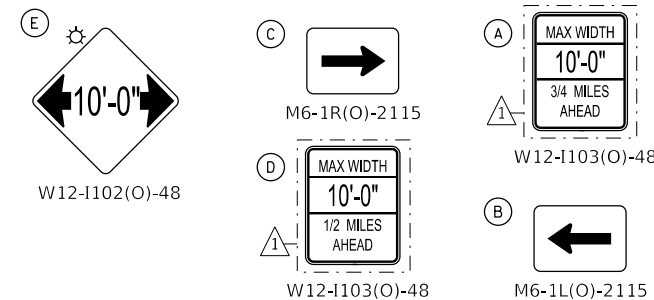
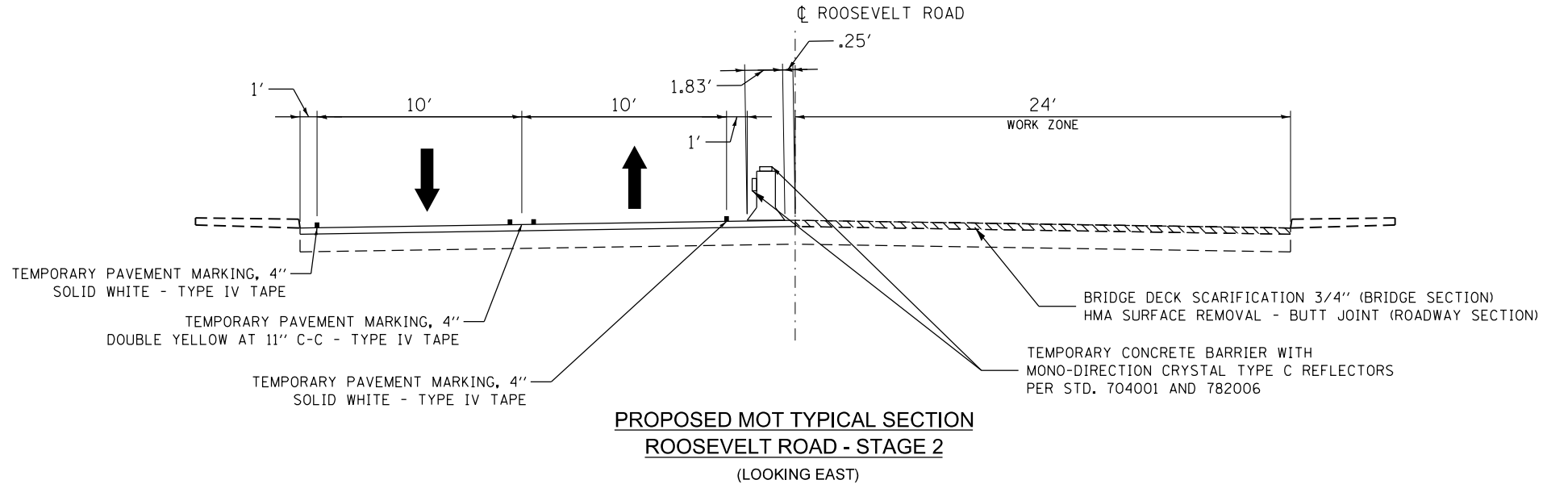
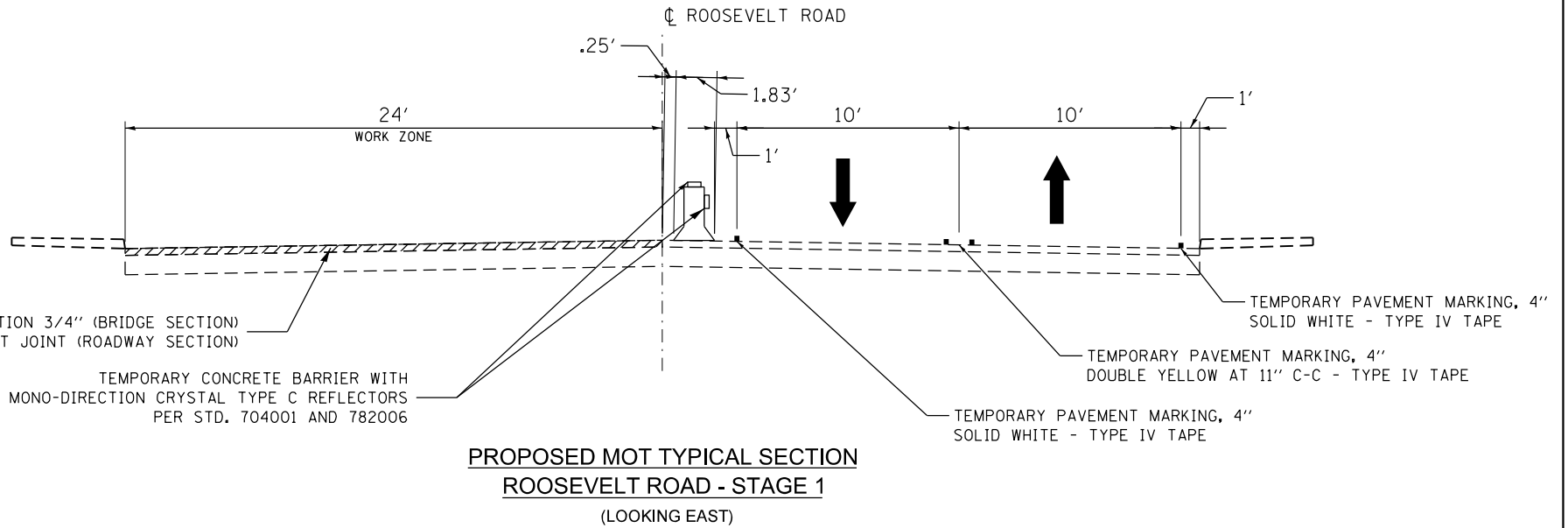
SUGGESTED SEQUENCE OF CONSTRUCTION

STAGE 1 NOTES:

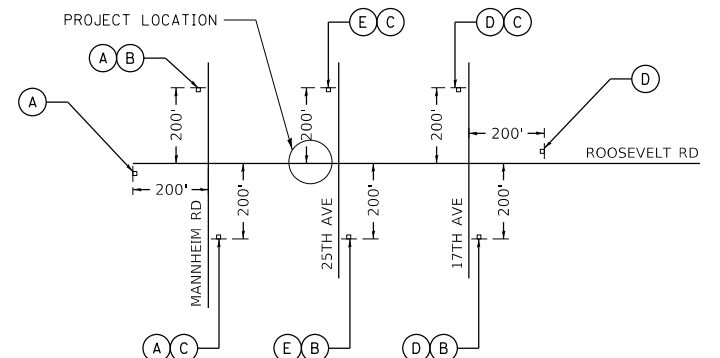
1. ERECT TEMPORARY CONSTRUCTION SIGNS FOR STAGE 1.
2. INSTALL TEMPORARY MOT FOR STAGE 1 REPAIR WORK ON BRIDGE.
3. CONSTRUCTION FOR STAGE 1: BRIDGE DECK HYDRO-SCARIFICATION, BRIDGE DECK CONCRETE OVERLAY, JOINT RECONSTRUCTION, PARTIAL DEPTH AND FULL DEPTH PAVEMENT, APPROACH SLAB REPAIRS AND SUBSTRUCTURE REPAIRS.

STAGE 2 NOTES:

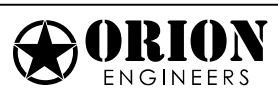
1. ERECT TEMPORARY CONSTRUCTION SIGNS FOR STAGE 2.
2. INSTALL TEMPORARY MOT FOR STAGE 2 REPAIR WORK ON BRIDGE.
3. CONSTRUCTION FOR STAGE 2: BRIDGE DECK HYDRO-SCARIFICATION, BRIDGE DECK CONCRETE OVERLAY, JOINT RECONSTRUCTION, PARTIAL DEPTH AND FULL DEPTH PAVEMENT, APPROACH SLAB REPAIRS AND SUBSTRUCTURE REPAIRS.



WIDTH RESTRICTION SIGNING ROOSEVELT RD TRAFFIC FOR STAGE I & II



MODEL: Default FILE: \\blm\c:\users\jill\public\engineering\files\62114\work\sheet_files\62114\mot\stage1p - 1.dgn



USER NAME = jlanulis	DESIGNED -	REVISED -
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PLOT DATE = 12/27/2023	DATE -	REVISED -








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

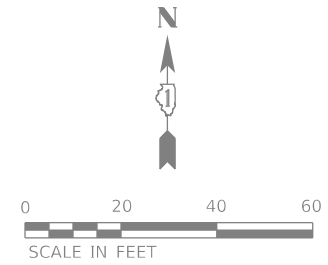
**MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS AND GENERAL NOTES
F.A.P. 347 (ROOSEVELT RD) OVER IHB RAILROAD & GARDNER RD**

F.A.P. RTE. 0347	SECTION FAP 0347 22 BJ	COUNTY COOK	TOTAL SHEETS 42	SHEET NO. 10
CONTRACT NO. 62114				
ILLINOIS		FED. AID PROJECT		

REVISED SHEET 12/29/2023

LEGEND

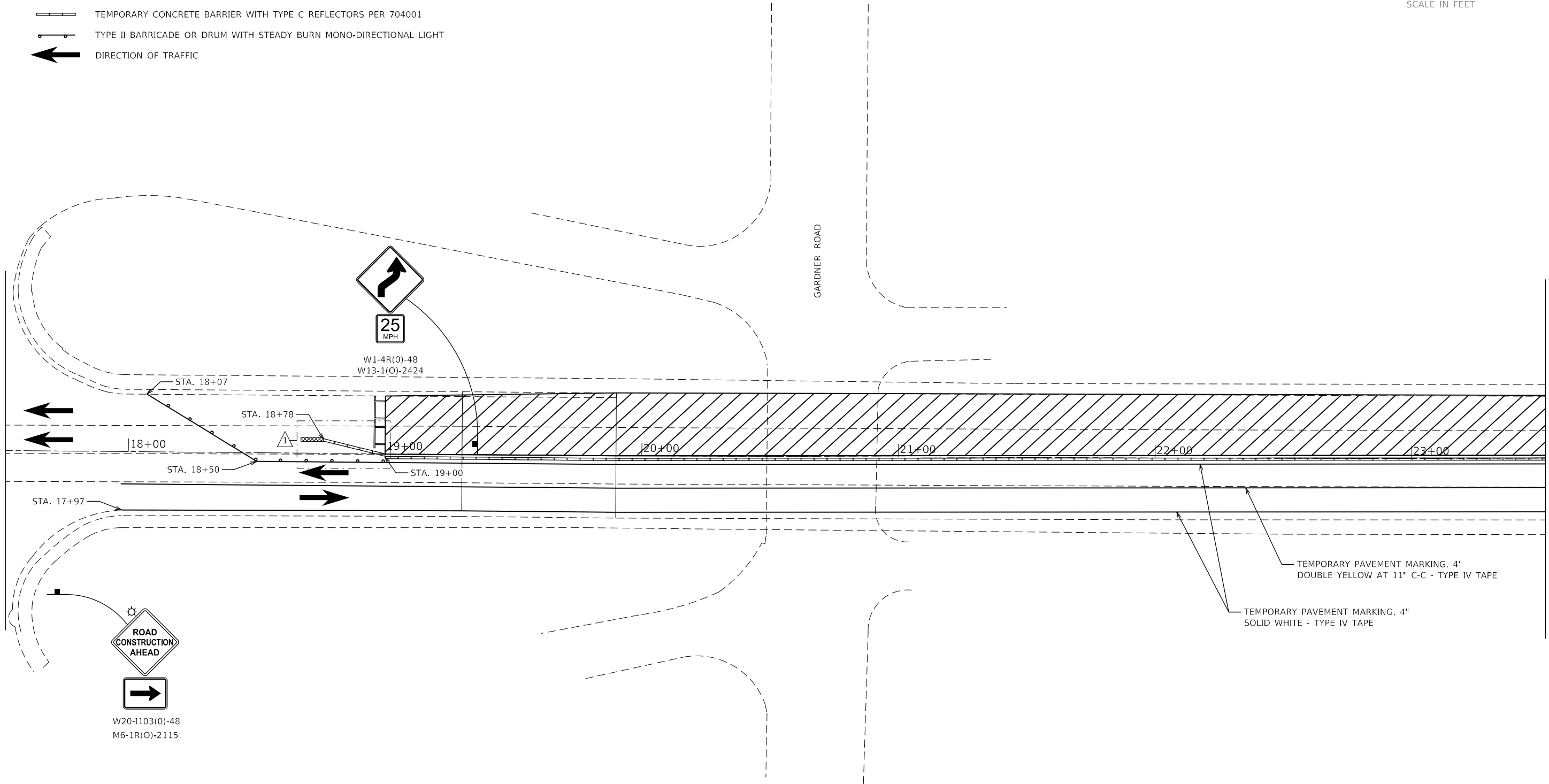
-  TRAFFIC SIGN
-  WORK AREA
-  IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  TEMPORARY CONCRETE BARRIER WITH TYPE C REFLECTORS PER 704001
-  TYPE II BARRICADE OR DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
-  DIRECTION OF TRAFFIC



MATCHLINE STA. 17+52

MATCHLINE STA. 23+52

GARDNER ROAD




TEMPORARY PAVEMENT MARKING, 4" DOUBLE YELLOW AT 11" C-C - TYPE IV TAPE

TEMPORARY PAVEMENT MARKING, 4" SOLID WHITE - TYPE IV TAPE

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USER NAME = ljanulis	DESIGNED -	REVISED  - 12/18/23
PLOT SCALE = 40.0012' / in.	DRAWN -	REVISED -
PLOT DATE = 12/27/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE 1 (2 OF 4)
F.A.P. 347 (ROOSEVELT RD) OVER IHB RAILROAD & GARDNER RD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0347		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		FAP 0347 22 BJ	COOK	42	12
CONTRACT NO. 62T14					
		ILLINOIS	FED. AID PROJECT		

 REVISED SHEET 12/29/2023

**TURN BAY ENTRANCE AT START
OF LANE CLOSURE TAPER**

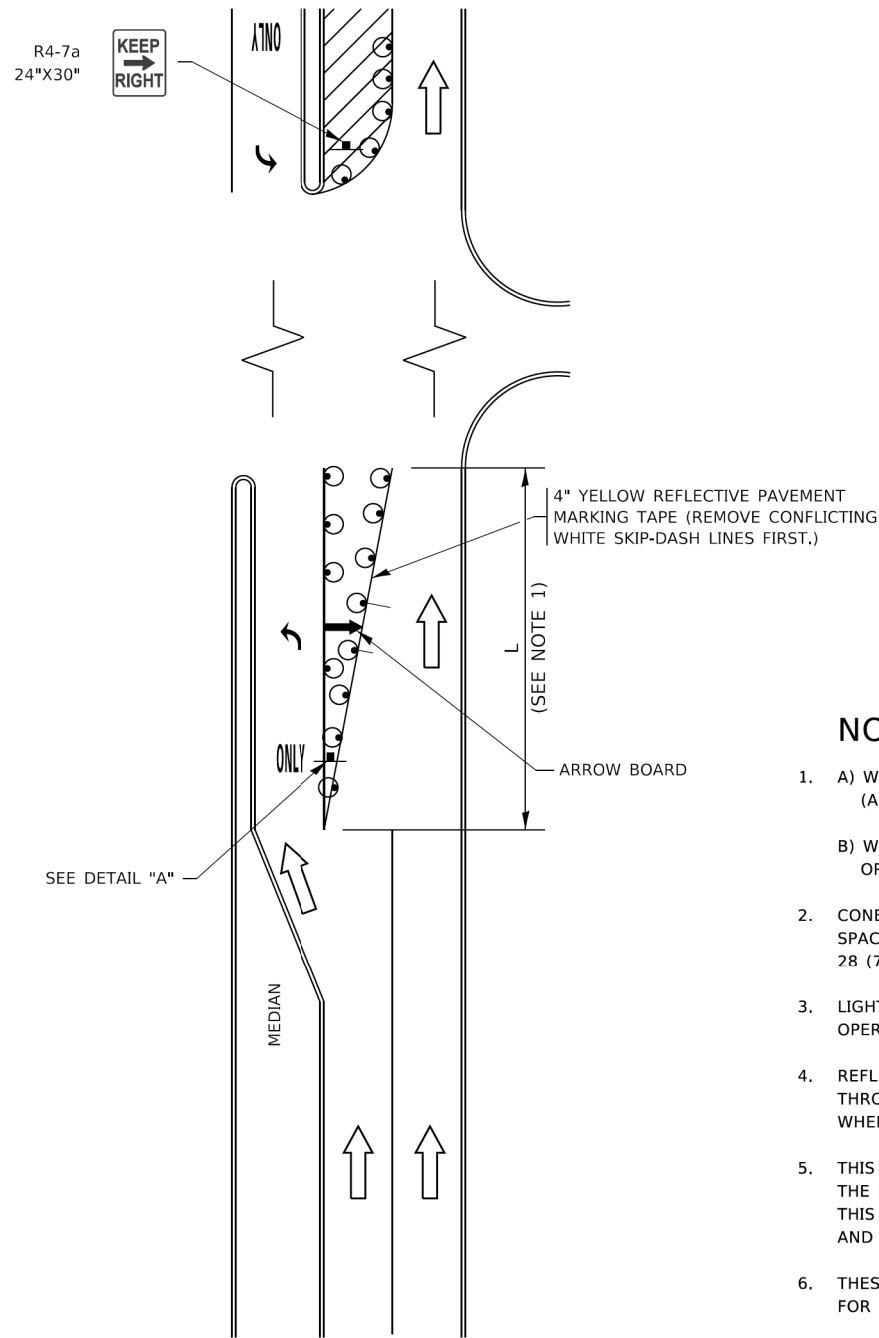


FIGURE 1

**TURN BAY ENTRANCE
WITHIN A LANE CLOSURE**

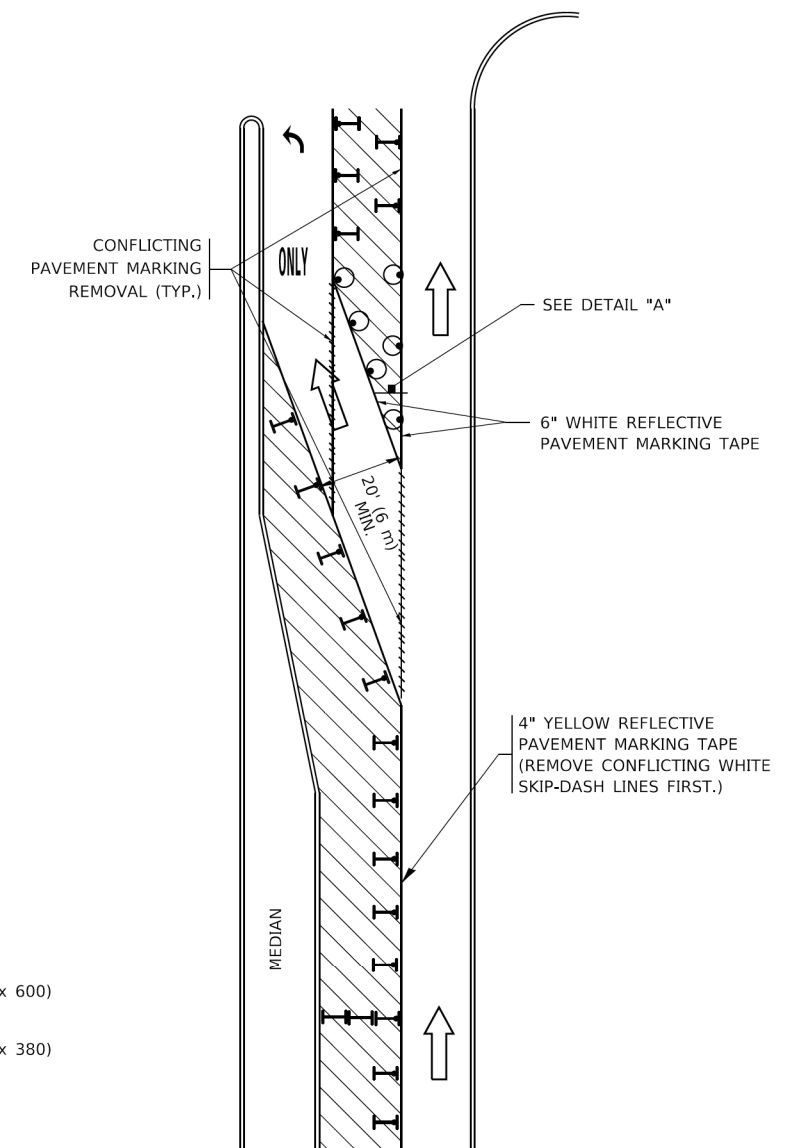


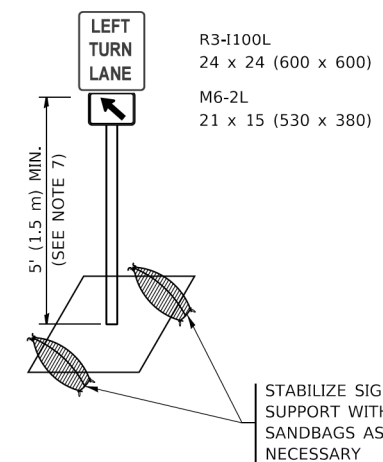
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

ADDED ENTIRE SHEET 12/29/2023

1 SHEET ADDED



USER NAME = tjanulis	DESIGNED -	REvised - 12/27/23 L.J.
	DRAWN -	REvised -
PLOT SCALE = 0.1667' / in.	CHECKED -	REvised -
PLOT DATE = 12/27/2023	DATE -	REvised -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

SCALE: N.T.S SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0347	FAP 0347 22 BJ	COOK	42	39A
TC-14		CONTRACT NO. 62T14		
ILLINOIS FED. AID PROJECT				