

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

SHEET NO. DESCRIPTION

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27	ARTERIAL ROAD INFORMATION SIGN (TC-22)

STANDARD NO. DESCRIPTION

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-13	STEEL PLATE BEAM GAURDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
642006-01	SHOULDER RUMBLE STRIPS, 8 IN
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) to 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L 2W, DAY ONLY, FOR SPEED ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEED ≥ 45MPH
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS- DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-10	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

1. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES, ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
3. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT [OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)], WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
4. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN.
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. THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.
7. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
8. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
9. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
10. 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.
11. 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.
12. THE RESIDENT ENGINEER SHALL CONTACT BRANDY KENNEDY AREA TRAFFIC FIELD ENGINEER, AT BRANDY.KENNEDY@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
13. 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.
14. ALL PAVEMENT MARKINGS ACCORDING TO DISTRICT 1 TYPICAL PAVEMENT MARKING DETAIL TC-13.
15. 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.
16. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
17. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO THE DISTRICT STANDARDS AS NOTED IN THE DETAIL.
18. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT D1 RRPM DETAIL TC-11.
19. LOCATIONS WITH FAILED SHOULDER ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER AND ARE TO BE REPAIRED BY CLASS D PATCHES.
20. LOCATIONS FOR GUARDRAIL REPAIR ARE TO BE LAID OUT IN THE FIELD BY THE RESIDENT ENGINEER.
21. SHORT TERM PAVEMENT MARKINGS ON INTERMEDIATE SURFACES SHALL NOT BE REMOVED, UNLESS DIRECTED BY THE ENGINEER.

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STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARD AND GENERAL NOTES

U.S. RTE 20 (GRANT MEM. HWY.) (W/O HARMONY RD. TO E/O MARENGO RD.)

SCALE:

SHEET

OF 1 SHEETS

STA.

TO STA.

F.A.P RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

525

2024-1029-RS

MCHENRY

27

2

ILLINOIS

FED. AID PROJECT

CONTRACT NO. 62X66

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REVISED SHEET 5/30/2025

MODEL: SOQ-1 [Sheet]
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SUMMARY OF QUANTITIES					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	ROADWAY				
					100% STATE	100% STATE				
	Code No.	Item	Unit	Total Quantity	0005	0005				
	20200100	EARTH EXCAVATION	CU YD	25	25					
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	310	310					
	21400100	GRADING AND SHAPING DITCHES	FOOT	270	270					
	25000210	SEEDING, CLASS 2A	ACRE	0.01	0.01					
	25100630	EROSION CONTROL BLANKET	SQ YD	60	60					
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	37812	37812					
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	15461	15461					
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	85	85					
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	188	188					
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	2311	2311					
	40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	4706	4706					
	44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	56017	56017					
	44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	363	363					
	44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	93	93					
	44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	30	30					
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	774	774					
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	50	50					
	63200310	GUARDRAIL REMOVAL	FOOT	1850	1850					
	64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	28117	28117					
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	25	25					
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2					
		USER NAME = Rana.Kalo	DESIGNED -	REVISED -	STATE OF I DEPARTMENT OF T					
			DRAWN -	REVISED -						
			CHECKED -	REVISED -						
		PLOT DATE = 3/24/2025	DATE -	REVISED -						

[illegible][illegible]

R4-7a
24"X30"

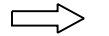


4" YELLOW REFLECTIVE PAVEMENT
MARKING TAPE (REMOVE CONFLICTING
WHITE SKIP-DASH LINES FIRST.)

(SEE NOTE 1)

- ARROW BOARD

WORK AREA



LANE OPEN TO TRAFFIC



ARROW BOARD



TYPE I OR II BARRICADE OR DRUM
WITH STEADY BURN LIGHT



DRUM WITH STEADY BURN LIGHT

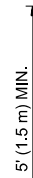


SIGN ASSEMBLY



TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

1. A) WHEN "L" IS \leq 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" R3-100R 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.



R3-I100L
24 x 24 (600 x 600)

~~M6-2L
21 x 15 (530 x 380)~~

STABILIZE SIGN
SUPPORT WITH
SANDBAGS AS
NECESSARY

FIGURE 2



— SEE DETAIL "A"

- 6" WHITE REFLECTIVE
PAVEMENT MARKING TAPE

* YELLOW REFLECTIVE
PAVEMENT MARKING TAPE
REMOVE CONFLICTING WHITE
SKIP-DASH LINES FIRST.)

~~1 DELETED ENTIRE SHEET 2/30/2025~~

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2024-1029-RS	MCHENRY	27	25
TC-14		CONTRACT NO. 62X66		
ILLINOIS		FED. AID PROJECT		

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