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## STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
642001-03	SHOULDER RUMBLE STRIPS, 16 IN.
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAYS ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-10	TRAFFIC CONTROL DEVICES
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES FOR SPEED ≥ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE



## GENERAL NOTES

- 1 THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 2 ALL MILLED SURFACES SHALL BE AT A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
- 3 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.
- 4 ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 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 CONTACT DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV. A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 7 THE RESIDENT ENGINEER SHALL CONTACT BRANDY KENNEDY, AREA TRAFFIC FIELD ENGINEER, AT BRANDY.KENNEDY@ILLINOIS.GOV. A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 8 PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- 9 THE "ARTERIAL ROAD INFORMATION SIGN (TC-22)" IS APPLICABLE ONLY TO ARTERIAL ROADS AND SHALL NOT BE APPLIED TO EXPRESSWAYS/TOLLWAYS.
- 10 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.
- 11 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 SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 12 ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF CURB OR DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
- 13 WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/4 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 OF 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).
- 14 THE CONTRACTOR SHALL USE CARE IN REMOVING, EXCAVATING OR GRADING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- 15 THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.

## DISTRICT STANDARDS

STANDARD NO.	DESCRIPTION
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
BD-55	RUMBLE STRIPS FOR CENTERLINE, NON FREEWAY
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
TC-11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKING (TC-13)
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TC-14)
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
TC-22	ARTERIAL ROAD INFORMATION SIGNING (TC-22)

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**REVISED SHEET 2/24/2025**

USER NAME = Merin,Jose  PLOT DATE = 12/11/2024	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES IL. ROUTE 173 (HARVARD HILLS RD. TO SOUTHWEST OF RIGHEIMER RD.)</b>	SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.	F.A.P. RTE. 0303 SECTION FAP 0303 22 RS 4 COUNTY MCHENRY TOTAL SHEETS 17 SHEET NO. 2 CONTRACT NO. 62T83 ILLINOIS FED. AID PROJECT
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SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO.	ITEM	UNIT		0005 80% FED 20% STATE ROADWAY				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	12138	12138				
40600370	LONGITUDINAL JOINT SEALANT	FOOT	6708	6708				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	41	41				
40600982	HOT-MIX ASPHALT MIXSURFACE REMOVAL-BUTT JOINT	SQ YD	113	113				
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	2266	2266				
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	26973	26973				
<del>44201740</del>	<del>CLASS D PATCHES, TYPE I, 9 INCH</del>	<del>SQ YD</del>	<del>100</del>	<del>100</del>				
44201811	CLASS D PATCH ES, TYPE I, 14 INCH	SQ YD	100	100				
<del>44201753</del>	<del>CLASS D PATCHES, TYPE II, 9 INCH</del>	<del>SQ YD</del>	<del>700</del>	<del>700</del>				
44201815	CLASS D PATCH ES, TYPE II, 14 INCH	SQ YD	700	700				
<del>44201757</del>	<del>CLASS D PATCHES, TYPE III, 9 INCH</del>	<del>SQ YD</del>	<del>350</del>	<del>350</del>				
44201819	CLASS D PATCH ES, TYPE III, 14 INCH	SQ YD	350	350				
<del>44201759</del>	<del>CLASS D PATCHES, TYPE IV, 9 INCH</del>	<del>SQ YD</del>	<del>200</del>	<del>200</del>				
44201821	CLASS D PATCH ES, TYPE IV, 14 INCH	SQ YD	200	200				
45200100	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)	FOOT	6441	6441				
45200300	JOINT OR CRACK FILLING	POUND	1841	1841				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	254	254				
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	12984	12984				
67100100	MOBILIZATION	L SUM	1	1				
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1				
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1				
70100620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1				
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4221	4221				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1876	1876				
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS -PAINT	SQ FT	234	234				* = SPECIALTY ITEMS

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO.	ITEM	UNIT		0005 80% FED 20% STATE ROADWAY				
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	68820	68820				
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	729	729				
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	342	342				
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	96	96				
70307120	TEMPORARY PAVEMENT MARKING - LINE 4"- TYPE IV TAPE	FOOT	1407	1407				
* 78000100	THERMOPLASTIC PAVEMENT MARKING- LETTERS AND SYMBOLS	SQ FT	78	78				
* 78000200	THERMOPLASTIC PAVEMENT MARKING- LINE 4"	FOOT	15766	15766				
* 78000400	THERMOPLASTIC PAVEMENT MARKING- LINE 6"	FOOT	243	243				
* 78000600	THERMOPLASTIC PAVEMENT MARKING- LINE 12"	FOOT	114	114				
* 78000650	THERMOPLASTIC PAVEMENT MARKING- LINE 24"	FOOT	32	32				
* 78009000	MODIFIED URETHANE PAVEMENT MARKING- LETTERS AND SYMBOLS	SQ FT	117	117				
* 78009004	MODIFIED URETHANE PAVEMENT MARKING- LINE 4"	FOOT	6528	6528				
* 78009006	MODIFIED URETHANE PAVEMENT MARKING- LINE 6"	FOOT	581	581				
* 78009012	MODIFIED URETHANE PAVEMENT MARKING- LINE 12"	FOOT	127	127				
* 78009024	MODIFIED URETHANE PAVEMENT MARKING- LINE 24"	FOOT	29	29				
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	262	262				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	262	262				
78300202	PAVEMENT MARKING REMOVAL-WATER BLASTING	SQ FT	2157	2157				
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	128	128				
X6420114	CENTER LINE- RUMBLE STRIP-16"	FOOT	6697	6697				
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12				
* X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE-4"	FOOT	7174	7174				
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52				* = SPECIALTY ITEMS

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USER NAME = Merin.Jose	DESIGNED -	REVISED -
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PLOT DATE = 12/12/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITY  
IL. ROUTE 173 (HARVARD HILLS RD. TO SOUTHWEST OF RIGHEIMER RD.)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0303	FAP 0303 22 RS 4	MCHENRY	17	3
CONTRACT NO. 62T83				
ILLINOIS FED. AID PROJECT				

REVISED SHEET 2/24/2025