

GENERAL NOTES

18. THE RESIDENT ENGINEER SHALL EMAIL WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER AT WALTER.CZARNY@ILLINOIS.GOV, AT LEAST TWO (2) WEEKS PRIOR TO PERMANENT PAVEMENT MARKING PLACEMENT.

19. 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.

20. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

21. THE 1/32 ARTERIAL ROAD INFORMATION SIGN (TC-22)1/32 IS APPLICABLE ONLY TO ARTERIAL ROADS AND SHALL NOT BE APPLIED TO EXPRESSWAYS/TOLLWAYS.

22. 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.

23. WHEN CONSTRUCTION OPERATIONS ON TWO-LANE ROADS OPEN TO TRAFFIC RESULT IN THE REMOVAL OR COVERING OF ANY PAVEMENT STRIPING INDICATING PASSING RESTRICTIONS, "NO PASSING ZONES NOT STRIPED NEXT ___ MILES" SIGNS SHALL BE USED. THE CONTRACTOR SHALL PLACE THE SIGNS AT THE BEGINNING OF THE UNSTRIPED AREA, JUST BEYOND EACH MAJOR INTERSECTION WITHIN THE UNSTRIPED AREA, AND AT SUCH OTHER LOCATIONS AS THE ENGINEER MAY DIRECT TO ENSURE A MINIMUM SPACING OF FIVE MILES.

THE SIGNS SHALL BE PLACED JUST PRIOR TO REMOVAL OR COVERING OF THE STRIPE AND SHALL REMAIN IN PLACE UNTIL FULL NO PASSING ZONE STRIPING HAS BEEN RESTORED. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.

24. OVERNIGHT LANE CLOSURE 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.

25. ALL LOOP DETECTOR LOCATIONS SHALL BE CURB MARKED BY THE CONTRACTOR PRIOR TO MILLING FOR THE PURPOSE OF REESTABLISHING DETECTOR LOOP LAYOUT AFTER THE RESURFACING IS COMPLETED.

26. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 40 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH. WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).

27. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

28. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.

29. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, VILALGE OF RICHMOND, VILLAGGE OF SPRINGGROVE, AND TOWNSHIPS OF HEBRON, RICHMOND, AND BURTON.

30. THE CONTRACTOR MUST CONTACT MR. TODD MULROONEY FROM WISCONSIN & SOUTHERN RAILROAD LLC. AT 608-620-2077, 72 HOURS PRIOR TO NEEDING THE FLAGGER

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31. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.

1 REVISED SHEET 4/9/2024

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
IL 173 (GREENWOOD RD TO MADISON AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-187-SWGRS	MCHENRY/LAKE	226	3
CONTRACT NO. 62M25				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ROADWAY	ROADWAY	TRAFFIC SIGNAL	DRAINAGE	DRAINAGE
				80% FED 20% STATE MCHENRY 0005	80% FED 20% STATE LAKE 0005	80% FED 20% STATE MCHENRY 0021	80% FED 20% STATE MCHENRY 0004	80% FED 20% STATE LAKE 0004
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	173		173			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	193.4	98	95.4			
20200100	EARTH EXCAVATION	CU YD	7390	3920	3470			
20800150	TRENCH BACKFILL	CU YD	1477	128	1349			
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	5125	2745	2380			
21301048	EXPLORATION TRENCH 48" DEPTH	FOOT	100			100		
21400100	GRADING AND SHAPING DITCHES	FOOT	35560	18780	16780			
25000210	SEEDING, CLASS 2A	ACRE	9.75	5.25	4.50			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	868	472	396			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	868	472	396			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	868	472	396			
25100630	EROSION CONTROL BLANKET	SO YD	36103	20593	15510			
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SO YD	9250	3840	5410			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	956	521	435			
28000305	TEMPORARY DITCH CHECKS	FOOT	3120			1960	1160	
28000400	PERIMETER EROSION BARRIER	FOOT	3826	686	3140			
28000510	INLET FILTERS	EACH	30	10	20			

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35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	367	119	248			
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	1770	154	555		477	584
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	117168	117168				
40600370	LONGITUDINAL JOINT SEALANT	FOOT	47600	47600				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	267	267				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	795	795				
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-4.75, N50	TON	7128	7128				
40604062	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N70	TON	16935	16935				
42001300	PROTECTIVE COAT	SO YD	432				34	398
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	172786	172786				
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	1076				273	803
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SO YD	15		15			
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SO YD	3760	3700	60			

1 REVISED SHEET 4/9/2024

* = SPECIALTY ITEMS
** = 100% STATE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 173 (GREENWOOD RD TO MADISON AVE)
SUMMARY OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-1B7-SW&RS	MCHENRY/LAKE	226	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62M25	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ROADWAY	ROADWAY	TRAFFIC SIGNAL	DRAINAGE	DRAINAGE
				80% FED 20% STATE MCHENRY 0005	80% FED 20% STATE LAKE 0005	80% FED 20% STATE MCHENRY 0021	80% FED 20% STATE MCHENRY 0004	80% FED 20% STATE LAKE 0004
6022240	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 24	EACH	2					2
	FRAME AND GRATE							
60224039	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 24	EACH	1					1
	FRAME AND GRATE							
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1				1	
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1				1	
60260400	INLETS TO BE ADJUSTED WITH NEW TYPE 1	EACH	1				1	
	FRAME, CLOSED LID							
60402210	GRATES, TYPE 8	EACH	1				1	
60500050	REMOVING CATCH BASINS	EACH	1				1	
60500060	REMOVING INLETS	EACH	1				1	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 24	FOOT	619	619				
60905305	BOX CULVERTS TO BE CLEANED	FOOT	189			43	146	
60920012	PIPE CULVERTS TO BE CLEANED 12"	FOOT	213			94	119	
60920015	PIPE CULVERTS TO BE CLEANED 15"	FOOT	407			201	206	
60920018	PIPE CULVERTS TO BE CLEANED 18"	FOOT	67				67	
60920024	PIPE CULVERTS TO BE CLEANED 24"	FOOT	93				93	

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63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 POSTS	FOOT	730	730				
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	76896	76896				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	4390	1756	2634			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	6	3	3			
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.5	0.5			
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.5	0.5			
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	14	6	8			
67100100	MOBILIZATION	L SUM	1	0.5	0.5			
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5			
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5			
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.5	0.5			
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	0.5	0.5			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.5	0.5			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.5	0.5			
70107025	CHANGEABLE MESSAGE SIGN	CAL MO	300	150	150			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 173 (GREENWOOD RD TO MADISON AVE)
SUMMARY OF QUANTITIES

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-187-SW&RS	MCHENRY/LAKE	226	6
CONTRACT NO. 62M25			FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					TOTAL QUANTITIES	SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ROADWAY	ROADWAY	TRAFFIC	DRAINAGE	DRAINAGE		CODE NO	ITEM	UNIT		ROADWAY	ROADWAY	TRAFFIC	DRAINAGE	DRAINAGE
				80% FED 20% STATE MCHENRY 0005	80% FED 20% STATE LAKE 0005	80% FED 20% STATE MCHENRY 0021	80% FED 20% STATE MCHENRY 0004	80% FED 20% STATE LAKE 0004						80% FED 20% STATE MCHENRY 0005	80% FED 20% STATE LAKE 0005	80% FED 20% STATE MCHENRY 0021	80% FED 20% STATE MCHENRY 0004	80% FED 20% STATE LAKE 0004
70300100	SHORT TERM PAVEMENT MARKING	FOOT	10862	10862					* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS	SO FT	538	538					
										AND SYMBOLS								
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	10646	10646					* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	239157	239157					
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SO FT	538	538					* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1329	1329					
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	198666	198666					* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	80	80					
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	1329	1329					* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	931	931					
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	80	80					* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	3018	3018					
									* 78300202	PAVEMENT MARKER REMOVAL - WATER BLASTING	SO FT	82306	82306					
									* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1509	1509					
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	931	931					* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	123		123				
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	200	200					* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1				
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	45180	45180					* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	50		50				
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	40	16	24				* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	143		143				
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	21	14	7				* 87900200	DRILL EXISTING HANDHOLE	EACH	5		5				
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	1144.67	626.17	488.5													



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