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DISTRICT 1 STANDARD DETAILS

- BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- BD-32 BUTT JOINT AND HMA TAPER DETAILS
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-22 ARTERIAL ROAD INFORMATION SIGN

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT "JULIE", IDOT, AND THE VILLAGE OF RICHMOND FOR FIELD LOCATIONS OF BURIED UTILITIES 48 HOURS IN ADVANCE OF WORK.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. THE CONTRACTOR WILL NOT BE PERMITTED TO SET UP A YARD OR FIELD OFFICE ON STATE OR VILLAGE PROPERTY WITHOUT PRIOR WRITTEN PERMISSION OF THE DEPARTMENT.
4. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE DISTURBED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION.
5. 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.
6. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK OR OTHER APPROPRIATE EQUIPMENT AS APPROVED BY THE ENGINEER.
7. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
8. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE WOVEN.
9. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTORS VEHICLES EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.
10. 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.
11. BUTT JOINTS SHALL 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. 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.
13. BEFORE BEGINNING ANY WORK, THE CONTRACTORS 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 SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
14. LOCATIONS OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL BE DETERMINED BY THE ENGINEER.
15. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF RICHMOND.
16. SAW CUTTING PRIOR TO ANY REMOVAL ITEMS NOTED IN THE PLANS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEMS BEING REMOVED, UNLESS NOTED OTHERWISE. SAW CUTTING FOR CLASS B PATCHES WILL BE MEASURED AND PAID IN ACCORDANCE WITH ARTICLES 442.10 AND 442.11 OF THE SSRBC.
17. THE AGGREGATE GRADATION FOR THE LOWER 9 INCHES OF AGGREGATE SUBGRADE IMPROVEMENT 12" SHALL BE CS 1 OR RR1.
18. IN ADDITION TO THE AREAS SHOWN IN THE PLANS, ADDITIONAL QUANTITY OF CLASS B PATCHES, TYPE IV, 8 INCH, ARE INCLUDED IN THIS CONTRACT TO BE COMPLETED AT THE DIRECTION OF THE ENGINEER.
19. THE WEIGH STATION SHALL BE CLOSED TO TRAFFIC FOR THE DURATION OF CONSTRUCTION AS SHOWN IN THE TRAFFIC CONTROL PLAN, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE SUCH CLOSURES WITH THE ENGINEER A MINIMUM 7 DAYS IN ADVANCE OF STARTING WORK.
20. THE CONTRACTOR SHALL NOTIFY KEITH DONOVAN AT KEITH.DONOVAN@ILLINOIS.GOV OR AT 217-782-8414, A MINIMUM OF 14 DAY PRIOR TO CLOSING THE WEIGH STATION.

COMMITMENTS

NONE

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	QMP DESIGNATION
WEIGH STATION ASPHALT SURFACE COURSE		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	4% @ 70 GYR	QC/QA
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

NOTES

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA 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 MATERIAL SPECIFICATIONS.

1 REVISED SHEET 4/08/2026

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V3 Companies 7325 Janes Avenue Woodridge, IL 60517 830 724 9200 phone www.v3co.com	USER NAME = cwasowicz	DESIGNED -	REVISED - 1 3/26/2026	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES AND HIGHWAY STANDARDS				F A P RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						334	2025-1085-RS	MCHENRY	27	2
		CHECKED -	REVISED -						CONTRACT NO. 80B12				
	PLOT DATE = 3/26/2026	DATE -	REVISED -		SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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				CONSTRUCTION CODE	
				100% STATE 0005	
SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	116	
	40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	450	
	42000060	WELDED WIRE REINFORCEMENT	SQ YD	628	
	44000100	PAVEMENT REMOVAL	SQ YD	160	
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	3,200	
	44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	628	
	44201298	DOWEL BARS 1 1/4"	EACH	300	
	44213200	SAW CUTS	FOOT	610	
	44213204	TIE BARS 3/4"	EACH	61	
	48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	156	
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	17	
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	
	60253800	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 8 GRATE	EACH	2	
	60255410	CATCH BASINS TO BE CLEANED	EACH	3	
	60500050	REMOVING CATCH BASINS	EACH	1	
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	350	
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	

* SPECIALTY ITEM

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USER NAME	= cwasowicz
PLOT DATE	= 01/23/2026

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1085-RS	MCHENRY	27	4
CONTRACT NO. 80B12				
ILLINOIS FED. AID PROJECT				

1 REVISED SHEET 4/08/2026

EARTHWORK								
LOCATION	EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)	TOPSOIL EXCAVATION (4" DEPTH)	TOPSOIL EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	TOPSOIL PLACEMENT	TOPSOIL BALANCE WASTE (+) SHORTAGE (-)
	1	2	3	4	5	6	7	8
STATION	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
RICHMOND WEIGH STATION								
10+50.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11+00.00	4.7	4.0	0.0	4.0	14.5	12.3	1.6	10.7
11+50.00	24.7	21.0	5.0	16.0	17.3	14.7	5.7	9.0
12+00.00	39.3	33.4	6.7	26.7	20.8	17.7	8.4	9.3
12+50.00	37.8	32.1	1.9	30.3	20.8	17.7	4.9	12.8
13+00.00	36.4	30.9	1.5	29.4	20.9	17.8	3.5	14.3
13+50.00	36.7	31.2	1.7	29.5	19.5	16.6	4.4	12.2
14+00.00	25.2	21.4	0.7	20.7	19.3	16.4	1.9	14.5
14+50.00	21.6	18.3	4.1	14.3	20.5	17.4	2.9	14.5
15+00.00	33.9	28.8	5.3	23.5	20.6	17.5	3.9	13.6
15+50.00	38.4	32.7	1.9	30.8	21.3	18.1	2.3	15.8
16+00.00	39.3	33.4	4.3	29.1	33.6	28.6	3.5	25.1
16+50.00	23.5	20.0	4.0	16.0	44.8	38.1	4.5	33.6
17+00.00	4.0	3.4	0.0	3.4	30.2	25.7	1.8	23.9
TOTAL (RICHMOND WEIGH STATION)	365.4	310.6	36.9	273.7	304.1	258.5	49.3	209.2

EARTHWORK QUANTITIES		
PAY ITEM	UNIT	QTY
EARTH EXCAVATION (COLUMN 1)	CU YD	365
TOPSOIL EXCAVATION AND PLACEMENT (COLUMN 5)	CU YD	304

NOTES

1. SEE SPECIAL PROVISION "REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (PROJECT SPECIFIC)" FOR INFORMATION REGARDING SOIL DISPOSAL ANALYSIS AND MANAGEMENT AREAS.

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