

GENERAL NOTES

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED WILL BE DETERMINED BY THE ENGINEER.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT 2.016 TONS/CU.YD.
 ALL AGGREGATE 1.5 TONS/CU.YD.
 EARTH 110 LBS/ CU. FT.
 LIME 4.5, OR 6% WEIGHT OF EARTH.

EARTH EXCAVATION REQUIRED IN THE CONSTRUCTION OF THE ADA RAMP UPGRADES WILL NOT BE PAID FOR SEPERATLY AND WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMNET 5 INCHES.

ALL LOCATIONS OF DISTURBED EARTH THAT THE ENGINEER DETERMINES WILL REQUIRE SEEDING AS A RESULT OF SIDEWALK CONSTRUCTION SHALL BE SEEDED IN ACCORDANCE WITH ARTICLE 250.01 OF THE STANDARD SPECIFICATIONS. THE COST OF SEEDING SHALL BE CONSIDERED INCIDENTAL TO PCC SIDEWALK 5 INCHES.

WHEN CLASS C PATCHES ARE LOCATED IN AREAS OF EXISTING BRICK PAVEMENT, A DIAMOND BLADE WHEEL SAW MAY BE REQUIRED TO LIMIT SPALLING OF THE EXISTING PAVEMENT. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICES OF THE TYPE AND SIZE OF PATCHES INVOLVED.

A QUANTITY FOR WELDED WIRE REINFORCEMENT (SQ YD) HAS BEEN INCLUDED IN THE PLANS FOR ALL TYPE 3 AND TYPE 4 PATCHES.

A QUANTITY FOR TIE BARS 3/4 (EACH) HAS BEEN INCLUDED IN THE PLANS FOR PATCHES MORE THAN 20FT IN LENGTH. TIE BARS SHALL BE NO.6 TRANSVERSE TIE BARS, 24IN. LONG, EMBEDDED AT 24 IN. CENTERS.

THICKNESS OF HOT MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT MIX ASPHALT MIXTURE IS PLACED.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE.

FORMS FOR COMBINATION CONCRETE CURB AND GUTTER, IF NOT SLIPFORMED AS PER ARTICLE 606.05, SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.

HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS AGGREGATE IN AGGREGATE SHOULDERS, TYPE B.

AFTER A LIFT OF HOT MIX ASPHALT HAS BEEN PLACED, THE LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150 DEGREES FAHRENHEIT.

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. DISPOSAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE HOT MIX ASPHALT SURFACE REMOVAL.

THE USE OF A VIBRATORY ROLLER SHALL BE PROHIBITED. THE CONTRACTOR MAY BE REQUIRED TO MAKE ROLLING PATTERN ADJUSTMENTS TO OBTAIN THE REQUIRED FIELD DENSITY.

STATIONING SHOWN ON PLANS FOR RESURFACING IS FOR CONSTRUCTION PURPOSES ONLY AND NOT TO BE STAMPED ON FINAL BITUMINOUS SURFACE.

REVISE STANDARD SPECIFICATIONS ARTICLE 107.12, PARAGRAPH 5, LAST SENTENCE TO READ: "ALL OTHER RAILROAD FLAGGER COSTS WILL BE INCURRED BY THE DEPARTMENT ACCORDING TO ARTICLE 109.05."

A CONTRACTOR'S RIGHT-OF-ENTRY PERMIT IS REQUIRED BEFORE ANY WORK CAN COMMENCE ON RAILROAD PROPERTY. THE COST TO OBTAIN THIS PERMIT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

COMMITMENTS: NONE



MTD CROSSING RESTRICTIONS TABLE

STRUCTURE NUMBER ROUTE (IL 146)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	
SN 091-7045	28		None

△ REV. 1-4-2019

SUMMARY OF QUANTITIES

COUNTY:	UNION	
ROUTE:	104RS-6	
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL
LOCATION:	URBAN	URBAN
	ROADWAY	ROADWAY
	0005	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ROADWAY 0021
40600847	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	TON	949	949	
40600990	TEMPORARY RAMP	SQ YD	355	355	
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	2,079	1,970	109
40700200	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	16,662	16,197	465
44200050	WELDED WIRE REINFORCEMENT	SQ YD	1,160	1,160	
42001300	PROTECTIVE COAT	SQ YD	81	81	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,899	2,899	
42400800	DETECTABLE WARNINGS	SQ FT	201	201	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	11,429	10,395	1,034
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	13,255	13,255	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	308	308	
44000600	SIDEWALK REMOVAL	SQ FT	2,623	2,623	
44201361	CLASS C PATCHES, TYPE I, 11 INCH	SQ YD	80	80	

△ REV. 1-4-2019

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SUMMARY OF QUANTITIES - CONT

COUNTY:	UNION	
ROUTE:	104RS-6	
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL
LOCATION:	URBAN	URBAN

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	0021
44201365	CLASS C PATCHES, TYPE II, 11 INCH	SQ YD	987	987	
44201369	CLASS C PATCHES, TYPE III, 11 INCH	SQ YD	481	481	
44201371	CLASS C PATCHES, TYPE IV, 11 INCH	SQ YD	680	680	
44213100	PAVEMENT FABRIC	SQ YD	1,160	1,160	⚠
44213204	TIE BARS 3/4"	EACH	401	401	
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	22,414	22,414	
50901760	PIPE HANDRAIL	FOOT	86.7	86.7	
60258300	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	3	3	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	9	9	
60500060	REMOVING INLETS	EACH	2	2	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	118	118	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	126	126	

⚠ REV. 1-4-2019

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