

SCHEDULE OF QUANTITIES (EARTHWORK)

1	2	3	4	5	6	7
IL 176	Earth Excavation (Cu. Yd.)	Unsuitable Material (Cu. Yd.)	Embankment (Cu. Yd.)	Adjustment for Shrinkage (Cu. Yd.)	Furnished Excavation (Cu. Yd.)	Top Soil Furnish and Place (Sq. Yd.)
IL 59/US 12 (Sta. 513+36 to Sta. 516+61) Right Turn Lane and HMA Shoulder	304.48	205.15	122.86	258.81	135.95	1,205.00
IL 59/US 12 (Sta. 513+36 to Sta. 516+40) Median Ditch Grading	0.00	22.50	0.00	0.00	0.00	203.00
IL 59/US 12 (Sta. 517+63 to Sta. 520+13) HMA and Aggregate Shoulder	69.35	49.56	0.00	58.95	58.95	0.00
TOTAL	373.83	277.21	122.86	317.76	194.90	1,408.00

Column 1: Location from plans	Column 5: Earth excavation that is to be used as fill
Column 2: Cut quantities after unsuitable material is removed	material in the embankment, shrinkage factor was determined to be 15%
Column 3: Material that is determined to be either unstable or unsuitable from use in embankment. (Aggregate shoulder and topsoil excavated at 6" average depth)	Column 6: Column 5 - Column 4, Positive Quantity = extra excavation, negative quantity = furnished excavation needed.
Column 4: Fill quantities after unsuitable material is removed	Column 7: Topsoil furnish and place = Area of seeding

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS(%)
PAVEMENT RESURFACING AND WIDENING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5MM)	4% @ 90 GYR.
HMA BASE COURSE, (POLYMERIZED HMA BINDER IL-19mm), 11 1/2"	4% @ 90 GYR.
SHOULDERS	
HOT-MIX ASPHALT SHOULDER, 8" (HMA BINDER IL-9.5mm)	2% @ 30 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR.

NOTE:

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT QUANTITIES IS 112 LBS./SQ. YD./IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS
FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS

CONTRACTOR SHALL PATCH BEFORE MILLING