

SCHEDULE OF QUANTITIES (EARTHWORK)						
1	2	3	4	5	6	7
US 45 OVER JACKSON CREEK	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)
US 45 - STA. 146+50 TO 152+00	122	389	118	104	-14	1,760
COLUMN 1: LOCATION FROM PLANS COLUMN 2: CUT QUANTITIES AFTER UNSUITABLE MATERIAL IS REMOVED COLUMN 3: MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT (TOP SOIL EXCAVATED AT 6" (150 MM) AVERAGE DEPTH) COLUMN 4: FILL QUANTITIES AFTER UNSUITABLE MATERIAL IS REMOVED			COLUMN 5: EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT, SHRINKAGE FACTOR WAS DETERMINED TO BE 15% COLUMN 6: COLUMN 5 - COLUMN 4, POSITIVE QUANTITY= EXTRA EXCAVATION, NEGATIVE QUANTITY= FURNISHED EXCAVATION COLUMN 7: TOPSOIL FURNISH AND PLACE= AREA OF SODDING			

NOTE: THE TOP 6" OF TOPSOIL IS TO BE REMOVED AND PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS (%)
HMA SHOULDER		
HOT-MIX ASPHALT SHOULDER, 10"	PG 64-22*	2% @ 30 GYR
TEMPORARY PAVEMENT		
TEMP. PAVEMENT, (HMA BINDER IL-19mm) 10"	PG 64-22*	4% @ 50 GYR
FULL DEPTH PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"	PG 64-22	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11"	PG 64-22*	4% @ 70 GYR
DRIVEWAY		
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19mm) 6"	PG 64-22*	4% @ 50 GYR
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"	PG 64-22	4% @ 70 GYR

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

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

FILE NAME = c:\projects\pl35202\design.aa.dgn	USER NAME = smithk1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE. 330	SECTION 104B-3-BR	COUNTY WILL	TOTAL SHEETS 42	SHEET NO. 7
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED -		U.S. RTE. 45 OVER JACKSON CREEK - S.N. 099-4649			CONTRACT NO. 60B80				
	PLOT DATE = 12/4/2007	DATE -	REVISED -		SCALE: 1" = 50'			SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
Rev. 1-9-08												