

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	9 Y-N-2	COOK/DUPAGE	39	12
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES (EARTHWORK)						
1	2	3	4	5	6	7
US 34 AT COUNTY LINE ROAD	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 34 - STA. 94+00 TO 105+00	464	273	9	394	385	751
US 34 AT SPINNING WHEEL ROAD	2	2	0	2	2	50
US 34 @ COUNTY LINE ROAD	1	7	0	1	1	119
TOTAL	467	282	9	397	388	920
COLUMN 1: LOCATION FROM PLANS		COLUMN 2: CUT 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 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 6: COLUMN 5 - COLUMN 4, POSITIVE QUANTITY= EXTRA EXCAVATION, NEGATIVE QUANTITY= FURNISHED EXCAVATION NEEDED		
				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 USE	AC TYPE	AIR VOIDS (%)
ROADWAY	POLYMERIZED LEVELING BINDER, (MACHINE METHOD), IL-4.75, N50, 3/4"	SBS/SBR PG 76-28/-22	4% @ 50 GYR
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 MM), 1 3/4"	SBS/SBR PG 70-22	4% @ 90 GYR
DRIVEWAY	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 MM), 2"	PG 64-22	4% @ 50 GYR
	HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 MM), 8"	PG 64-22/58-22	4% @ 50 GYR
SHOULDER	HOT-MIX ASPHALT SHOULDERS, 8"	PG 64-22/58-22	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.  
WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	<p align="center"><b>US 34 AT COUNTY LINE ROAD SCHEDULE OF QUANTITIES</b></p> <p>SCALE: VERT. _____ HORIZ. _____</p> <p>DATE _____</p> <p>DRAWN BY _____ CHECKED BY _____</p>	