

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	*	**	715	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (205,57,105)RS-2 ** CHAMPAIGN & DOUGLAS				

SCHEDULE OF QUANTITIES – RURAL DOUGLAS COUNTY

SHEET 3 OF 4

EARTHWORK SCHEDULE

STATION	TO	STATION	LOCATION	20200100 EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
RT. 296+60.00		RT. 320+75.00	IL RTE. 130	535.00	401.00	359.00	42.00
LT. 296+30.00		LT. 320+75.00	IL RTE. 130	814.00	610.00	267.00	343.00
DOUGLAS COUNTY TOTAL =				1349.00	1011.00	626.00	385.00
USE =				1349.00	1011.00	626.00	385.00
				(CU YD)	(CU YD)	(CU YD)	(CU YD)

EARTH EXCAVATION	=	1349.00	CU YD
SHRINKAGE FACTOR	=	25.00	%

NOTE:
THE SUITABLE WASTE MATERIAL EXCAVATED FROM DOUGLAS COUNTY SHALL BE TRANSPORTED TO CHAMPAIGN COUNTY TO USE AS EMBANKMENT. (SEE CHAMPAIGN COUNTY EARTHWORK SCHEDULE)

SEEDING SCHEDULE

STATION	TO	STATION	LOCATION	25000200 SEEDING, CLASS 2 (SQ FT)	25000400 NITROGEN (90.0 LB / ACRE)	25000500 PHOSPHORUS (90.0 LB / ACRE)	25000600 POTASSIUM (90.0 LB / ACRE)	25100115 MULCH (SQ FT)
RT. 296+60.00	TO	RT. 320+75.00	IL RTE. 130	55863.00	115.42	115.42	115.42	55863.00
LT. 296+30.00	TO	LT. 320+75.00	IL RTE. 130	56127.00	115.96	115.96	115.96	56126.00
DOUGLAS COUNTY TOTAL =				111990.00	231.38	231.38	231.38	111989.00
USE =				2.60	231.00	231.00	231.00	2.60
				(ACRE)	(LB)	(LB)	(LB)	(ACRE)

25000350 SEEDING, CLASS 7

SEEDING, CLASS 7 IS CALCULATED FOR THE SAME AREAS AS SEEDING, CLASS 2

TOTAL =	111990.00	SQ FT
USE =	2.60	ACRE

28000250 TEMPORARY EROSION CONTROL SEEDING

APPLICATION RATE = 100 LB / ACRE
TEMPORARY EROSION CONTROL SEEDING IS CALCULATED FOR THE SAME AREAS AS SEEDING, CLASS 2

TOTAL =	2.60	ACRE
USE =	260.00	LB

28000500 INLET AND PIPE PROTECTION

STATION	OFFSET (FT)	QUANTITY (EACH)
296+30.50	28.00 LT.	1.00
296+60.70	27.00 RT.	1.00
306+81.00	30.50 LT.	1.00
306+91.00	30.00 RT.	1.00
311+87.00	30.00 LT.	1.00
316+05.60	29.00 LT.	1.00
318+72.60	28.00 RT.	1.00
TOTAL =	7.00	EACH

CATCH BASIN AND STORM SEWER SCHEDULE

STATION	OFFSET TO CENTER OF STRUCTURE (FT)	CATCH BASINS, TYPE C, TYPE 8 GRATE (EACH)	STORM SEWER PROTECTED, CLASS A, 8" (FT)	TOP OF GRATE ELEVATION	TOP OF MASONRY ELEVATION	STORM SEWER INVERT AT EXISTING STRUCTURE (+/-)	STORM SEWER INVERT AT PROPOSED STRUCTURE (+/-)	DEPTH OF PROPOSED STRUCTURE (FT)
311+87.00	30.00 LT.	1.00	4.00	648.18	647.93	646.14	646.18	3.83
TOTAL =		1.00	4.00					
		(EACH)	(FT)					

NOTES:

- THIS SCHEDULE INCLUDES ONLY THE CATCH BASINS AND STORM SEWER THAT WILL BE REQUIRED FOR THE RELOCATION OF THE EXISTING FIELD TILE SYSTEM TO THE PROPOSED DITCH FLOWLINES.
- THE STORM SEWER INVERT AT THE EXISTING STRUCTURE STATES THE ELEVATION OF THE STORM SEWER INSIDE THE EXISTING CATCH BASIN. REMOVAL OF THE EXISTING CATCH BASIN AND PART OF THE EXISTING STORM SEWER WILL MODIFY THE ELEVATION SHOWN. THE INTENT IS TO CONNECT THE PROPOSED STORM SEWER TO THE EXISTING STORM SEWER AS CLOSE TO THE EXISTING CATCH BASIN AS POSSIBLE AND TO EXTEND THE PROPOSED STORM SEWER TO THE PROPOSED CATCH BASIN OFFSET. THE FINAL INVERT ELEVATIONS OF THE STORM SEWER NEED TO BE FIELD VERIFIED TO MAKE SURE THAT THE FIELD TILE SYSTEM DRAINS PROPERLY.
- CONNECTIONS REQUIRED BETWEEN EXISTING AND PROPOSED STORM SEWER THAT IS SMALLER THAN 12 INCHES WILL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT PRICES BID FOR THE VARIOUS STORM SEWER PAY ITEMS OF WORK INVOLVED. FOR PIPE SIZES OF 12 INCHES AND LARGER, CONCRETE COLLARS WILL BE REQUIRED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR MISCELLANEOUS CONCRETE.

28000300 TEMPORARY DITCH CHECKS

STATION	OFFSET (FT)	QUANTITY (EACH)
298+50.00	26.50 RT.	1.00
298+50.00	27.00 LT.	1.00
300+00.00	26.50 RT.	1.00
300+00.00	27.50 LT.	1.00
301+50.00	27.00 RT.	1.00
301+50.00	28.00 LT.	1.00
303+00.00	28.00 RT.	1.00
303+00.00	29.00 LT.	1.00
304+50.00	29.00 RT.	1.00
304+50.00	29.50 LT.	1.00
309+00.00	30.00 RT.	1.00
309+00.00	30.50 LT.	1.00
310+50.00	30.00 RT.	1.00
310+50.00	30.50 LT.	1.00
312+00.00	29.50 RT.	1.00
313+50.00	29.50 RT.	1.00
313+50.00	29.50 LT.	1.00
315+00.00	29.00 RT.	1.00
316+50.00	29.00 RT.	1.00
317+50.00	29.00 LT.	1.00
319+00.00	28.50 LT.	1.00
TOTAL =	21.00	EACH

61100500 EXPLORATION TRENCH, 52" DEPTH

STATION	TO	STATION	QUANTITY (FT)
RT. 307+00.00		RT. 318+00.00	1100.00
TOTAL =			1100.00 FT

60500050 REMOVING CATCH BASINS

STATION	OFFSET (FT)	QUANTITY (EACH)
311+87.05	28.42 LT.	1.00
TOTAL =		1.00 EACH

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES-RURAL
DOUGLAS COUNTY**
Sheet 3 of 4

SCALE: N/A
DATE: 06/26/09

DRAWN BY: B.B.P.
CHECKED BY: G.A.E.

PLOT DATE = 8/12/2009
 FILE NAME = G:\DWG\WORK\K\PIWDOT\PERSONNEL\DOUGLAS\70623-sht3-schedule.dgn
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