

## EARTH WORK SCHEDULE

ROUTE: BARRINGTON ROAD  
F.A.P. 362

SECTION: 0105R - N(12)  
CONTRACT NUMBER: 60T96

COUNTY: COOK  
JOB ID: D-91-504-12

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (AS PER SOIL REPORT RECOMMENDATIONS)					
STATION	END AREA (SQ. FT.)	AVG. AREA (SQ.FT.)	DISTANCE (FT.)	EXCAVATION (UNSUITABLE) (CU.FT.)	QUANTITY CU.FT/27=CU.YD. (CU.YD)
100+00					
100+50	24.8	12.4	50	620.0	23.0
101+00	42.9	33.9	50	1,672.5	62.7
101+60	31.2	37.1	60	2,223.0	82.3
102+00	23.7	27.5	40	1,098.0	40.7
102+50	21.5	22.6	51	1,130.0	41.9
103+00	22.5	22.0	50	1,100.0	40.7
103+08	22.4	22.5	8	179.6	6.7
103+50	18.8	20.6	42	865.2	32.0
104+00	15.5	17.2	50	857.5	31.8
104+35	12.3	13.9	35	486.5	18.0
104+50	11.5	11.9	15	178.5	6.6
105+00	0	5.8	57	287.5	10.7
TOTAL					396.9
USE					397.0 CU.YD.

EARTH WORK QUANTITY OF FILL FURNISHED EXCAVATION (CU.YD.)					
STATION	END AREA (SQ.FT)	AVG. AREA (SQ.FT.)	DISTANCE (FT.)	* FURNISHED EXCAVATION (EMBANKMENT) CU.FT/27 = CU.YD.	
				CU.FT.	CU.YD.
100+00					
100+50	0	0	0		
101+00	0	0	0		
101+60	13.4	6.7	60	402.0	14.9
102+00	29.1	21.3	40	850.0	31.5
102+50	31.1	30.1	50	1,505.0	55.7
103+00	31.1	31.1	50	1,555.0	57.6
103+08	29.9	30.5	8	244.0	9.0
103+50	31.5	30.7	42	1,289.4	47.8
104+00	16.4	24.0	50	1,197.5	44.4
104+35	5.7	22.1	35	773.5	28.7
104+50	3.2	4.5	15	66.8	2.5
105+00	0	1.6	50	80.0	3.0
TOTAL				7,963.2	294.9
USE				295.0 CU.YD.	

\* FURNISHED EXCAVATION = EMBANKMENT - [SUITABLE EXCAVATION (1 - SHRINKAGE FACTOR)]  
= 295.0 - [0 (1- 15%)]  
EMBANKMENT = 295.0 CU.YD.

FILE NAME =	USER NAME = gaglianob	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES BARRINGTON ROAD AT BODE ROAD</b>	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			362	0105R-N(12)	COOK	48	7	
		CHECKED -	REVISED -			CONTRACT NO. 60T96					
		DATE -	REVISED -			SCALE: NONE	SHEET	OF	SHEETS	STA.	TO
				ILLINOIS FED. AID PROJECT							