

SCHEDULE OF EARTHWORK

FROM	TO	20200100 EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (ADJ FOR 15% SHRINKAGE) (CU YD)	TOTAL REQUIRED EMBANKMENT (CU YD)	EARTHWORK BALANCE EXCESS (+) SHORTAGE (-) (CU YD)	20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL • (CU YD)
SUITABLE MATERIAL						
RANDALL ROAD						
53+00.00	53+50.00	0	0	10.19	-10.19	9.07
53+50.00	54+00.00	0	0	15.37	-15.37	7.96
54+00.00	54+50.00	0	0	9.91	-9.91	6.67
54+50.00	55+00.00	0	0	10.74	-10.74	15.56
55+00.00	55+50.00	0	0	15.00	-15.00	24.72
55+50.00	56+00.00	0	0	17.87	-17.87	27.96
56+00.00	56+11.00	0	0	3.77	-3.77	5.64
56+11.00	56+50.00	0	0	13.43	-13.43	20.37
56+50.00	56+61.45	0	0	4.73	-4.73	6.79
56+61.45	57+00.00	0	0	19.63	-19.63	26.27
57+00.00	57+50.00	0	0	30.28	-30.28	40.46
57+50.00	58+00.00	0	0	44.44	-44.44	54.91
58+00.00	58+11.00	0	0	12.06	-12.06	14.65
58+11.00	58+50.00	0	0	32.21	-32.21	45.57
58+50.00	59+00.00	0	0	26.48	-26.48	45.65
59+00.00	59+50.00	0	0	22.04	-22.04	38.43
59+50.00	59+76.36	0	0	12.45	-12.45	17.23
59+76.36	60+00.00	0	0	12.52	-12.52	13.88
60+00.00	60+60.00	0	0	32.89	-32.89	34.67
60+60.00	61+35.00	0	0	20.56	-20.56	21.67
61+35.00	62+40.00	0	0	0.00	0.00	0.00
62+40.00	62+85.00	0	0	7.08	-7.08	14.00
62+85.00	63+30.00	0	0	14.17	-14.17	28.00
63+30.00	63+50.00	0	0	6.55	-6.55	13.71
63+50.00	64+00.00	0	0	16.94	-16.94	36.20
64+00.00	64+50.00	0	0	18.33	-18.33	38.70
64+50.00	64+61.00	0	0	3.93	-3.93	8.62
64+61.00	65+00.00	0	0	13.65	-13.65	26.29
65+00.00	65+50.00	0	0	21.76	-21.76	35.46
65+50.00	66+00.00	0	0	26.20	-26.20	43.98
66+00.00	66+50.00	0	0	20.09	-20.09	43.61
66+50.00	66+65.97	0	0	4.58	-4.58	13.25
66+65.97	67+00.00	0	0	10.08	-10.08	28.55
67+00.00	67+50.00	0	0	18.06	-18.06	41.76
67+50.00	68+00.00	0	0	16.02	-16.02	40.09
68+00.00	68+50.00	0	0	8.98	-8.98	24.17
68+50.00	69+00.00	0	0	14.17	-14.17	20.56
69+00.00	69+50.00	0	0	20.83	-20.83	30.37
69+50.00	70+00.00	0	0	25.56	-25.56	31.02
70+00.00	70+50.00	0	0	34.91	-34.91	34.35
70+50.00	70+65.00	0	0	12.50	-12.50	10.92
70+65.00	71+00.00	0	0	30.01	-30.01	25.67
71+00.00	71+50.00	0	0	34.44	-34.44	34.63
71+50.00	72+00.00	0	0	27.78	-27.78	33.43
72+00.00	72+50.00	0	0	28.52	-28.52	33.06
72+50.00	72+65.00	0	0	8.53	-8.53	9.83
72+65.00	73+00.00	0	0	22.43	-22.43	23.27
73+00.00	73+50.00	0	0	33.70	-33.70	32.69
73+50.00	74+00.00	0	0	27.04	-27.04	31.76
74+00.00	74+50.00	0	0	20.46	-20.46	22.50
74+50.00	74+84.96	0	0	7.77	-7.77	8.55
FABYAN PARKWAY						
126+50.00	127+10.00	0	0	11.11	-11.11	11.11
127+10.00	127+55.00	0	0	16.67	-16.67	16.67
127+55.00	128+00.00	0	0	16.67	-16.67	16.67
128+00.00	128+45.00	0	0	8.33	-8.33	8.33
INTERSECTION OMISSION						
129+85.00	130+30.00	0	0	8.33	-8.33	8.33
130+30.00	175+00.00	0	0	16.67	-16.67	16.67
GRAND TOTAL		0	0	999 CU. YDS.	-999 CU. YDS.	1,375 CU. YDS.

• THE QUANTITIES IN THIS COLUMN REPRESENTS TOPSOIL STRIPPING 6" ONLY. ADDITIONAL INFORMATION FOR UNDERCUTS IS SHOWN ON SHEET 13.

EARTHWORK GENERAL NOTES:

- ALL EARTHWORK QUANTITIES ARE CALCULATED BY THE METHOD OF AVERAGE END AREAS USING THE PLAN CROSS SECTIONS.
- TOPSOIL STRIPPING WILL BE MEASURED FOR PAYMENT AS UNSUITABLE OR UNSTABLE MATERIAL.
- ALL SURPLUS MATERIAL SHALL BE HAULED OFF SITE, REGARDLESS OF THE TYPE OF MATERIAL. THE COST OF DISPOSING THE EXCESS MATERIALS OFF SITE SHALL BE INCLUDED IN THE UNIT PRICE FOR THE ASSOCIATED EARTHWORK ITEM.
- ONCE THE SUBGRADE HAS BEEN PREPARED, FINAL DETERMINATION OF THE NEED FOR UNDERCUT/PGE SHALL BE BASED ON FIELD OBSERVATION AND PROOF ROLLS. THE FINAL DETERMINATION SHALL BE BY THE ENGINEER. PAYMENT WILL BE MADE FOR THE ACTUAL AREAS WHERE UNDERCUT AND PGES IS PLACED. THERE WILL BE NO ADJUSTMENT TO THE UNIT PRICE OF THE ASSOCIATED ITEMS IF THE QUANTITIES ARE LESS THAN ANTICIPATED
- IN DEVELOPING THE EARTHWORK QUANTITIES FOR THIS PROJECT, AN ESTIMATED QUANTITY FOR UNDERCUT/PGES REPLACEMENT HAS BEEN INCLUDED IN THE CONTRACT. UNDERCUT SHALL BE PAID FOR AS PAY ITEM #20201200 "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL". PGES REPLACEMENT SHALL BE PAID FOR AS PAY ITEM #Z0042002 "POROUS GRANULAR EMBANKMENT, SUBGRADE".
- THE DEPTH OF THE TOPSOIL REMOVAL HAS BEEN QUANTIFIED AS PAY ITEM #20201200 "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" WITH AN ASSUMED DEPTH OF 6" INCHES.

FILE NAME: L:\V\NECD\0929\0929\0929\ACR001_Sheets\EA\THWORK_SUMMARY.dgn



USER NAME = Matt Baldwin	DESIGNED - PWK	REVISED -
PLOT SCALE = 1:2000' / IN.	DRAWN - ERD	REVISED -
PLOT DATE = 12/29/2010	CHECKED - KDF	REVISED -
	DATE - 12/29/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULE

SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	01-00269-00-CH	KANE	124	11
CONTRACT NO. 63533				
ILLINOIS FED. AID PROJECT				