

EARTH EXCAVATION ---- OLD STEARNS ROAD							
STATION	CUT END AREA (SF)	FILL END AREA (SF)	CUT AVERAGE END AREA (SF)	FILL AVERAGE END AREA (SF)	LENGTH (FT)	EXCAVATION (CUT) VOLUME (CU YD)	EMBANKMENT (FILL) VOLUME (CU YD)
801+00.00	42.06	0.18					
801+50.00	34.20	0.00	38.13	0.09	50.00	70.61	0.17
802+00.00	26.40	0.15	30.30	0.08	50.00	56.11	0.14
802+50.00	21.44	0.33	23.92	0.24	50.00	44.30	0.44
803+00.00	21.57	0.39	21.51	0.36	50.00	39.82	0.67
803+50.00	30.04	0.00	25.81	0.20	50.00	47.79	0.36
804+00.00	66.56	0.48	48.30	0.24	50.00	89.44	0.44
804+50.00	113.46	1.31	90.01	0.90	50.00	166.69	1.66
805+00.00	205.27	0.82	159.37	1.07	50.00	295.12	1.97
805+50.00	329.87	0.08	267.57	0.45	50.00	495.50	0.83
806+00.00	818.68	0.08	574.28	0.08	50.00	1063.47	0.15
806+50.00	1431.48	0.00	1125.08	0.04	50.00	2083.48	0.07
807+00.00	1953.96	0.00	1692.72	0.00	50.00	3134.67	0.00
807+50.00	2306.46	0.00	2130.21	0.00	50.00	3944.83	0.00

EARTHWORK SUMMARY

LOCATION	EXCAVATION TOPSOIL MATERIAL (CU YD)	EXCAVATION OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CUT) VOLUME (CU YD)	SHRINKAGE (15%) APPLIED TO COMMON EXC.	EMBANKMENT (FILL) VOLUME (CU YD)	POROUS GRANULAR EMBANKMENT SUBGRADE
IL-25	10,385	160	23,485	3,523	110,535	160
STEARNS ROAD	9,345	4,760	51,960	7,794	28,050	4,725
DUNHAM ROAD	4,880	0	7,865	1,180	42,425	0
GILBERT STREET	295	0	930	140	65	0
OLD STEARNS ROAD	1,075	0	11,535	1,730	10	0
DETENTION PONDS						
POND A	715	0	6,210	932	260	0
POND B	5,560	0	125,985	18,898	115	0
POND C	1,590	0	23,995	3,599	305	0
POND D	995	0	310	47	4,030	0
TOTAL	34,840	4,920	252,275	37,843	185,795	4,885

EARTH EXCAVATION
TOTAL EARTH EXCAVATION

252,275
252,275

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