

STEARNS ROAD - EARTHWORK CALCULATIONS

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STATION	DISTANCE	STAGE 1 EARTH EXCAVATION	STAGE 2 EARTH EXCAVATION	STAGE 3 EARTH EXCAVATION	STAGE 1 EARTH EXCAVATION (ADJ. FOR SHRINKAGE)	STAGE 2 EARTH EXCAVATION (ADJ. FOR SHRINKAGE)	STAGE 3 EARTH EXCAVATION (ADJ. FOR SHRINKAGE)	STAGE 1 EMBNAKMENT	STAGE 2 EMBNAKMENT	STAGE 3 EMBNAKMENT	STAGE 1 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	STAGE 2 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	STAGE 3 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
(XXX+XX)	(FT.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)
STEARNS ROAD													
436+50	50	0.0	435.0	233.1	0.0	369.7	198.1	0.0	0.0	0.6	0.0	369.7	197.5
437+00	50	0.0	518.6	279.3	0.0	440.8	237.4	0.0	0.0	0.7	0.0	440.8	236.7
437+50	50	0.0	530.4	279.8	0.0	450.8	237.8	0.0	0.0	1.7	0.0	450.8	236.1
438+00	50	0.0	510.4	253.2	0.0	433.9	215.2	0.0	0.0	5.2	0.0	433.9	210.1
438+50	50	0.0	415.5	212.3	0.0	353.1	180.4	0.0	0.0	11.1	0.0	353.1	169.3
439+00	50	0.0	350.3	178.6	0.0	297.8	151.8	0.0	0.0	7.6	0.0	297.8	144.3
439+50	50	0.0	328.1	167.3	0.0	278.9	142.2	0.0	0.0	0.0	0.0	278.9	142.2
440+00	50	0.0	269.8	144.8	0.0	229.3	123.1	0.0	0.0	5.6	0.0	229.3	117.4
440+50	50	0.0	245.2	129.1	0.0	208.4	109.7	0.0	0.0	10.7	0.0	208.4	99.0
441+00	50	0.0	227.3	134.0	0.0	193.2	113.9	0.0	0.9	11.8	0.0	192.3	102.1
441+50	50	0.0	182.3	132.9	0.0	155.0	113.0	0.0	1.8	22.8	0.0	153.1	90.2
442+00	50	0.0	285.2	148.3	0.0	242.4	126.1	1260.8	8.1	16.0	-1260.8	234.3	110.0
442+50	50	90.7	430.7	134.6	77.1	366.1	114.4	1898.2	14.6	4.6	-1821.1	351.5	109.9
443+00	50	221.5	518.1	118.4	188.3	440.3	100.6	1028.4	7.4	10.1	-840.1	433.0	90.6
443+50	50	305.6	552.9	139.6	259.8	470.0	118.7	657.5	1.5	17.7	-397.7	468.5	101.0
444+00	50	544.7	611.2	148.9	463.0	519.5	126.6	292.8	1.5	24.2	170.2	518.1	102.4
444+50	50	809.0	556.9	156.9	687.7	473.4	133.4	188.0	0.0	23.0	499.7	473.4	110.4
445+00	50	912.4	409.4	168.3	775.5	348.0	143.0	280.6	0.0	20.4	494.9	348.0	122.7
445+50	50	929.5	376.8	172.4	790.1	320.3	146.6	231.4	0.0	12.3	558.7	320.3	134.3
446+00	50	878.9	495.4	137.6	747.1	421.1	117.0	234.5	1.6	19.3	512.6	419.5	97.7
446+50	50	863.4	624.5	107.7	733.9	530.8	91.5	258.4	2.4	33.0	475.5	528.4	58.6
447+00	50	959.0	614.0	120.4	815.1	521.9	102.3	266.4	1.1	27.1	548.7	520.8	75.2
447+50	50	1108.3	589.2	125.0	942.1	500.8	106.2	240.1	0.4	21.2	702.0	500.4	85.0
448+00	50	1101.7	570.2	114.7	936.4	484.7	97.5	218.7	1.4	18.3	717.7	483.3	79.2
448+50	50	1014.8	591.3	135.6	862.6	502.6	115.2	247.8	4.8	11.0	614.8	497.8	104.3
449+00	50	1004.7	612.7	173.0	854.0	520.8	147.1	266.2	7.5	7.1	587.8	513.4	139.9
449+50	50	993.0	621.0	163.9	844.1	527.8	139.4	267.4	7.5	3.9	576.6	520.3	135.4
450+00	50	491.6	594.7	159.0	417.8	505.5	135.2	140.3	6.0	0.0	277.6	499.5	135.2
450+50	50	0.0	519.7	188.0	0.0	441.7	159.8	0.0	2.5	0.5	0.0	439.3	159.3
451+00	50	0.0	458.4	213.7	0.0	389.7	181.7	0.0	2.8	2.7	0.0	386.8	178.9
451+50	50	0.0	446.2	188.1	0.0	379.3	159.9	0.0	4.0	3.5	0.0	375.3	156.4
452+00	50	0.0	457.4	158.8	0.0	388.8	135.0	0.0	2.0	5.8	0.0	386.8	129.2
452+50	50	0.0	437.0	184.5	0.0	371.5	156.9	0.0	4.4	6.7	0.0	367.0	150.2
453+00	50	0.0	383.7	195.5	0.0	326.1	166.1	0.0	8.5	4.4	0.0	317.6	161.7
453+50	50	0.0	392.7	170.1	0.0	333.8	144.6	0.0	7.2	8.9	0.0	326.7	135.7
454+00	50	0.0	437.0	136.1	0.0	371.5	115.7	0.0	2.3	14.5	0.0	369.1	101.2
454+50	50	0.0	455.7	107.1	0.0	387.3	91.0	0.0	3.8	10.9	0.0	383.5	80.1
455+00	50	0.0	452.1	97.3	0.0	384.2	82.7	0.0	3.8	4.2	0.0	380.4	78.5
455+50	50	0.0	378.3	85.8	0.0	321.5	72.9	0.0	0.7	5.1	0.0	320.8	67.8
456+00	50	0.0	353.6	66.9	0.0	300.6	56.8	0.0	20.2	3.9	0.0	280.3	53.0
456+50													

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(XXX+XX)	(FT.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)
STEARNS ROAD													
456+50	50	0.0	486.2	39.7	0.0	413.3	33.7	0.0	38.1	0.0	0.0	375.2	33.7
457+00	50	0.0	555.1	8.9	0.0	471.8	7.6	0.0	47.1	0.0	0.0	424.7	7.6
457+50	50	0.0	341.3	0.0	0.0	290.1	0.0	0.0	44.3	0.0	0.0	245.8	0.0
458+00	50	0.0	121.9	0.0	0.0	103.6	0.0	0.0	127.8	0.0	0.0	-24.2	0.0
458+50	50	0.0	78.7	0.7	0.0	66.9	0.6	0.0	480.8	0.0	0.0	-413.9	0.6
459+00	50	0.0	113.9	0.7	0.0	96.8	0.6	0.0	792.0	0.0	0.0	-695.2	0.6
459+50	50	0.0	122.1	0.0	0.0	103.8	0.0	0.0	915.3	0.0	0.0	-811.5	0.0
460+00	50	8.4	45.0	0.0	7.2	38.2	0.0	624.6	491.9	0.0	-617.4	-453.7	0.0
460+50	50	13.4	0.0	0.0	11.4	0.0	0.0	1245.4	0.0	0.0	-1234.0	0.0	0.0
461+00	50	7.7	0.0	0.0	6.6	0.0	0.0	1474.0	0.0	0.0	-1467.4	0.0	0.0
461+50	50	5.1	0.0	0.0	4.3	0.0	0.0	1722.3	0.0	0.0	-1718.0	0.0	0.0
462+00	50	5.0	0.0	0.0	4.2	0.0	0.0	1763.6	0.0	0.0	-1759.4	0.0	0.0
462+50	50	6.1	0.0	0.0	5.2	0.0	0.0	1775.7	0.0	0.0	-1770.5	0.0	0.0
463+00	50	6.3	0.0	0.0	5.4	0.0	0.0	1743.8	0.0	0.0	-1738.5	0.0	0.0
463+50	50	4.8	0.0	0.0	4.0	0.0	0.0	1789.0	0.0	0.0	-1785.0	0.0	0.0
464+00	50	7.3	0.0	0.0	6.2	0.0	0.0	1829.9	0.0	0.0	-1823.7	0.0	0.0
464+50	50	18.6	0.0	0.0	15.8	0.0	0.0	1743.3	0.0	0.0	-1727.5	0.0	0.0
465+00	50	35.9	0.0	0.0	30.5	0.0	0.0	1607.9	0.0	0.0	-1577.4	0.0	0.0
465+50	50	62.7	0.0	0.0	53.3	0.0	0.0	1450.6	0.0	0.0	-1397.3	0.0	0.0
466+00	50	118.2	0.0	0.0	100.5	0.0	0.0	1271.6	0.0	0.0	-1171.1	0.0	0.0
466+50	50	213.1	0.0	0.0	181.1	0.0	0.0	1107.5	0.0	0.0	-925.4	0.0	0.0
467+00	50	212.8	0.0	0.0	180.9	0.0	0.0	1034.5	0.0	0.0	-853.6	0.0	0.0
467+50	50	151.7	0.0	0.0	129.0	0.0	0.0	1046.8	0.0	0.0	-917.8	0.0	0.0
468+00	50	147.8	0.0	0.0	125.7	0.0	0.0	995.1	0.0	0.0	-869.4	0.0	0.0
468+50	50	197.7	0.0	0.0	168.0	0.0	0.0	773.1	0.0	0.0	-605.1	0.0	0.0
469+00	50	396.0	0.0	0.0	336.6	0.0	0.0	472.9	0.0	0.0	-135.2	0.0	0.0
469+50	50	403.0	0.0	0.0	342.6	0.0	0.0	314.0	0.0	0.0	28.5	0.0	0.0
470+00	50	307.1	0.0	0.0	261.0	0.0	0.0	219.6	0.0	0.0	41.4	0.0	0.0
470+50	50	1053.7	0.0	0.0	895.7	0.0	0.0	86.8	0.0	0.0	808.9	0.0	0.0
471+00	50	940.5	0.0	0.0	799.4	0.0	0.0	60.9	0.0	0.0	738.5	0.0	0.0
471+50	50	121.5	0.0	0.0	103.3	0.0	0.0	96.7	0.0	0.0	6.5	0.0	0.0
472+00	50	147.3	0.0	0.0	125.2	0.0	0.0	84.5	0.0	0.0	40.7	0.0	0.0
472+50	50	215.5	0.0	0.0	183.2	0.0	0.0	61.3	0.0	0.0	121.8	0.0	0.0
473+00	50	289.2	0.0	0.0	245.8	0.0	0.0	43.6	0.0	0.0	202.2	0.0	0.0
473+50	50	422.4	0.0	0.0	359.0	0.0	0.0	26.6	0.0	0.0	332.4	0.0	0.0
474+00	50	575.1	0.0	0.0	488.8	0.0	0.0	12.7	0.0	0.0	476.1	0.0	0.0
474+50	50	682.9	0.0	0.0	580.4	0.0	0.0	0.0	0.0	0.0	580.4	0.0	0.0
475+00	50	752.9	0.0	0.0	640.0	0.0	0.0	9.1	0.0	0.0	630.9	0.0	0.0
475+50	50	712.5	0.0	0.0	605.6	0.0	0.0	9.1	0.0	0.0	596.5	0.0	0.0
476+00													

FILE NAME =

USER NAME = eds

DESIGNED - JSM
DRAWN - JSM
CHECKED - DNM
DATE - 3/30/09

REVISED -
REVISED -
REVISED -
REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION

EARTHWORK TABLES

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. R.T.E. SECTION COUNTY TOTAL SHEETS SHEET NO.
361 06-00214-25-BR KANE 220 12
CONTRACT NO. 63076
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

