

EARTHWORK

LOCATION	20200100	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE *	EMBANKMENT	BALANCE WASTE (+) OR SHORTAGE (-)	21101615
	EARTH EXCAVATION				TOPSOIL FURNISH AND PLACE, 4"
			CU YD		SQ YD
MAINLINE WABASH AVENUE					
WABASH AVE (FAU 8012)					
STA 340+00 TO STA 359+50	2,182.9	1,746.3	2,366.4	-620.1	7,615.4
STA 359+50 TO STA 366+50	1,097.0	877.6	644.5	233.1	3,207.1
STA 366+50 TO STA 368+00 (RAMP C/D)	187.5	150.0	78.8	71.2	457.8
STA 368+00 TO STA 382+50	2,585.2	2,068.2	988.6	1,079.6	6,634.8
STA 382+50 TO STA 384+00 (RAMP A/B)	371.8	297.4	31.8	265.6	590.1
STA 384+00 TO STA 390+00	1,189.7	951.8	845.2	106.6	2,981.9
STA 390+00 TO STA 393+00 (BUNKER HILL/ASH GROVE)	523.9	419.1	430.9	-11.8	834.2
STA 393+00 TO STA 416+00	3,538.3	2,830.6	7,467.4	-4,636.8	14,060.8
STA 416+00 TO STA 416+85 (HAMLIN)	84.6	67.7	64.5	3.2	147.6
STA 416+85 TO STA 426+05	714.1	571.3	1,123.1	-551.8	2,989.9
STA 426+05 TO STA 427+00 (ARCHER ELEVATOR)	235.6	188.5	58.8	129.7	349.9
STA 427+00 TO STA 432+20	571.1	456.9	424.6	32.3	1,904.0
STA 432+20 TO STA 433+10 (PLEASANT RUN)	141.8	113.4	104.7	8.7	307.5
STA 433+10 TO STA 438+25	725.8	580.6	659.9	-79.3	3,034.3
STA 438+25 TO STA 439+20 (MEADOWBROOK)	237.9	190.3	0.0	190.3	0.0
STA 439+20 TO STA 453+00	1,522.3	1,217.8	1,557.0	-339.2	4,800.1
STA 453+00 TO STA 453+90 (MERCANTILE)	302.0	241.6	0.0	241.6	17.0
STA 453+90 TO STA 464+70	795.4	636.3	4,139.9	-3,503.6	5,549.8
STA 464+70 TO STA 465+65 (HAPPY LANDING)	118.0	94.4	210.4	-116.0	172.1
STA 465+65 TO STA 482+50	1,697.5	1,358.0	4,272.3	-2,914.3	8,225.8
STA 482+50 TO STA 483+00 (KOKE MILL)	155.3	124.2	274.0	-149.8	666.1
INTERNATIONAL DR					
STA 7+84.44 TO STA 9+00	112.9	90.3	4.9	85.4	213.9
STA 11+00 TO STA 12+05.98	67.5	54.0	1.5	52.5	176.4
RAMP D					
STA 17+50 TO STA 18+27.27	32.3	25.8	1.4	24.4	126.5
RAMP C					
STA 11+11.46 TO STA 15+50	234.3	187.5	300.0	-112.5	1,132.0
RAMP A					
STA 13+36.88 TO STA 19+00	999.4	799.5	381.4	418.1	3,028.0
RAMP B					
STA 21+00 TO STA 21+56.84	25.8	20.6	0.1	20.5	94.5
BUNKER HILL RD					
STA 1+44.47 TO STA 9+00	1,346.9	1,077.5	1,695.3	-617.8	3,140.7
ASH GROVE RD					
STA 11+00 TO STA 12+42.18	95.3	76.2	0.0	76.2	156.7
OLD BUNKER HILL DEGRADE					
STA 22+50 TO STA 26+45.04	1,578.3	1,262.6	0.0	1,262.6	1,505.9
STA EQUATION - STA 26+45.04 BK = STA 126+45.04 AH					
STA 126+45.04 TO STA 131+00	3,372.8	2,698.2	3.2	2,695.0	3,058.2
ARCHER ELEVATOR RD					
STA 11+00 TO STA 13+80	702.2	561.8	136.4	425.4	828.6
STA 13+80 TO STA 14+20 (HPR-YUCAN)	110.7	88.5	0.1	88.4	0.0
STA 14+20 TO STA 18+03.15	149.2	119.4	314.2	-194.8	695.7
NORTH MERCANTILE					
STA 11+00 TO STA 12+22.98	210.5	168.4	0.0	168.4	143.9
SOUTH MERCANTILE					
STA 6+50 TO STA 9+00	162.0	129.6	0.0	129.6	311.3
STADIUM DR					
STA 10+30 TO STA 12+73.99	228.2	182.6	15.6	167.0	288.8
HOLLIS DR					
STA 9+75 TO STA 19+73.4	2,051.1	1,640.9	3,563.7	-1,922.8	2,992.9
KOKE MILL RD					
STA 23+50 TO STA 27+68.26	227.9	182.3	32.2	150.1	436.6
KERASOTES SOUTH OUTFALL					
STA 50+00 TO STA 51+12.39	98.5	78.8	0.0	78.8	168.8
EARTH FROM STORM SEWER AND PIPE CULVERT TRENCHES					
SUBTOTAL	30,783.5	36,545.8	32,192.8	4,352.9	83,045.6
USE	30,785	36,546	32,193	4,353	83,046
HOLLIS EAST LIMITS TO 9+75 & COCKRELL					
HOLLIS DR					
STA 0+00 TO STA 9+75	3,318.8	2,655.0	428.6	2,226.4	1,953.5
COCKRELL LN					
STA 12+23.26 TO STA 19+28.1	1,938.3	1,550.6	602.8	947.8	2,240.4
EARTH FROM STORM SEWER AND PIPE CULVERT TRENCHES					
SUBTOTAL	5,257.1	4,593.6	1,031.4	3,562.2	4,193.9
USE	5,258	4,594	1,032	3,563	4,194
TOTAL	36,043	41,140	33,225	7916**	87,240

- * SHRINKAGE FACTOR = 20%
- ** TOTAL WASTE WILL BE REDUCED BY FINAL VOLUME OF NON-SPECIAL WASTE REQUIRED TO BE DISPOSED OF OFF-SITE

ESTIMATED QUANTITIES

ITEMS	UNIT	MAINLINE WABASH AVENUE	HOLLIS EAST LIMITS TO 9+75 & COCKRELL LANE	TOTALS
THESE ITEMS TO BE USED TO PROVIDE ACCESS TO ENTRANCES AND SIDEROADS				
TEMPORARY RAMPS	SQ YD	6,576	287	6,863 SQ YD
AGGREGATE FOR TEMPORARY ACCESS	TON	1,500	300	1,800 TON
HOT-MIX ASPHALT FOR PATCHING POTHOLE (HOT MIX)	TON	100	40	140 TON
THESE ITEMS TO BE USED FOR PAVEMENT MARKING DURING CONSTRUCTION AND WINTER SHUTDOWN				
SHORT TERM PAVEMENT MARKING	FOOT	43,000	880	43,880 FT
TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	10,302	562	10,864 SQ FT
TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	167,894	11,100	178,994 FT
TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	55,824	1,258	57,082 FT
TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	8,356	832	9,188 FT
TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	6,298	1,380	7,678 FT
TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	3,148	100	3,248 FT
WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	21,056	293	21,349 SQ FT
PAVEMENT MARKING REMOVAL	SQ FT	16,933	883	17,816 SQ FT

TREE REMOVAL

STATION	OFFSET	SIDE	TREE REMOVAL	
			6 TO 15	OVER 15
UNITS				
MAINLINE WABASH AVENUE				
WABASH AVE (FAU 8012)				
457+65.0	51.5	RT	15	
468+43.4	47.8	RT	12	
468+80.2	51.0	RT	10	
469+00.2	51.0	RT	10	
469+20.7	51.4	RT	10	
469+58.0	52.3	RT	12	
472+96.2	68.0	RT	6	
473+56.1	67.0	RT	6	
473+84.9	67.9	RT	6	
474+15.2	67.5	RT	6	
474+45.5	67.6	RT	8	
RAMP C				
14+08.8	40.8	RT		24
OLD BUNKER HILL EXTENSION				
129+41.0	30.1	RT	12	
129+52.1	30.0	RT		18
129+62.0	28.1	RT	12	
129+68.2	33.7	RT	10	
129+85.1	25.4	RT		28
HAMLIN PKWY				
10+86.9	34.8	LT	15	
SOUTH MEADOWBROOK RD				
64+00.1	37.5	RT		21
HOLLIS DR				
11+22.5	1.7	RT	10	
11+83.4	1.0	LT		20
12+46.4	7.3	LT	12	
13+28.3	20.9	RT	12	
13+61.0	42.2	RT	12	
KOKE MILL RD				
25+15.3	51.4	LT	6	
25+61.4	55.2	LT		28
SUBTOTAL			202	139
HOLLIS EAST LIMITS TO 9+75 & COCKRELL				
HOLLIS DR				
6+38.5	43.9	LT		30
COCKRELL LN				
12+46.8	41.4	LT	12	
12+59.7	38.4	LT	10	
12+60.9	40.5	LT	10	
15+37.0	35.0	LT	12	
SUBTOTAL			44	30
TOTAL			246	169

ROCK FILL (SPECIAL)

STATION TO STATION	SIDE	XZ054500
		ROCK FILL
		CU YD
MAINLINE WABASH AVENUE		
HOLLIS DR		
13+60	15+70	LT
		1,626.1
TOTAL		
		1,626.1
USE		
		1,627

FILE NAME =	USER NAME = edwardsjd	DESIGNED - JMO	REVISED - JDE 03/04/2014
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	PLOT DATE = Mar-04-2014 04:28:37PM	DATE - 12/4/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAU ROUTE 8012 (WABASH AVE)
SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 27 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	64
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	