

EARTHWORK ALTERNATE BID B

LOCATION STATION TO STATION	EARTH EXCAVATION CU YD	FOR INFORMATION ONLY				*BORROW EXCAVATION CU YD	REMARKS
		AVERAGE SHRINKAGE FACTOR	EARTH EXCAVATION (ADJUSTED)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)		
		%	CU YD	CU YD	CU YD		
STAGE 1A							
US 45							
392+00 TO 449+88	3,265	58.1%	1,898	4,986	-3,088		** SEE EARTHWORK NOTES
449+88 TO 693+00	100,790	77.5%	78,149	199,618	-121,469		*** SEE EARTHWORK NOTES
FOURTH ST.							
6+85 TO 9+50	390	68.1%	265	228	37		37 CY TO BE USED AT STA 392+00 TO 449+88
JEFFERSON ST.							
9+00 TO 9+50	84	68.3%	57	0	57		57 CY TO BE USED AT STA 392+00 TO 449+88
GROVE ST.							
9+00 TO 9+50	73	66.8%	49	23	26		26 CY TO BE USED AT STA 392+00 TO 449+88
DEWEY ST.							
8+50 TO 9+50	124	65.0%	81	2	79		79 CY TO BE USED AT STA 392+00 TO 449+88
ALEXANDER RD.							
0+76 TO 9+00	6239	79.8%	4979	359	4,620		2,889 CY TO BE USED AT STA 392+00 TO 449+88, 226 CY TO BE USED AT BIKE PATH, 1,505 CY TO BE USED AT STA 449+88 TO 693+00
SCHNAKE RD.							
10+00 TO 12+41	217	61.5%	133	88	45		45 CY TO BE USED AT STA 449+88 TO 693+00
S. COOK RD.							
10+50 TO 25+06	3,218	72.7%	2,338	1,820	518		518 CY TO BE USED AT 449+88 TO 693+00
M. ROBERTS ENTRANCE							
0+10 TO 3+11	1,070	75.5%	808	279	529		529 CY TO BE USED AT 449+88 TO 693+00
M. ROBERTS DITCH							
0+00 TO 8+18	1,901	72.5%	1,378	642	737		737 CY TO BE USED AT 449+88 TO 693+00
LEFT COOK RD.							
10+25 TO 12+72	618	73.0%	451	88	363		363 CY TO BE USED AT 449+88 TO 693+00
GANDERTOWN RD.							
10+00 TO 11+00	38	45.9%	17	5	12		12 CY TO BE USED AT 449+88 TO 693+00
BOURLAND RD.							
3+31 TO 9+00	1,339	72.3%	968	228	740		740 CY TO BE USED AT 449+88 TO 693+00
SHILOH RD.							
10+00 TO 15+30	845	68.2%	576	148	428		428 CY TO BE USED AT 449+88 TO 693+00
CARTER FARM RD.							
6+54 TO 9+00	805	75.5%	608	47	561		561 CY TO BE USED AT FLANDERS RD.
UNTHANK RD.							
5+37 TO 9+00	268	59.0%	158	621	-462		426 CY FROM ABELL RD. 36 CY FROM WETLAND SITE
ABELL RD.							
10+00 TO 15+47	705	67.0%	472	46	426		426 CY TO BE USED ON UNTHANK RD.
FLANDERS RD.							
11+70 TO 18+90	510	49.4%	252	4,823	-4,571		561 CY FROM CARTER FARM RD. 4,010 CY FROM WETLAND SITE
GARNER RD.							
7+12 TO 9+00	142	59.2%	84	298	-214		214 CY FROM WETLAND SITE
BIKE PATH							
401+75 TO 409+00	48	41.7%	20	246	-226		226 CY FROM ALEXANDER RD.
WETLAND SITE 1							
WETLAND SITE 1	259,797	75.0%	194,848	255	194,593		116,592 CY TO BE USED AT 449+88 TO 693+00 36 CY TO BE USED AT UNTHANK RD., 4,010 CY TO BE USED AT FLANDERS RD. 214 CY TO BE USED AT GARNER RD. 73,741 TO BE USED STAGE 2
STAGE 1A TOTALS	382,484					0	

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		AVERAGE SHRINKAGE FACTOR	EARTH EXCAVATION (ADJUSTED)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)		
		%	CU YD	CU YD	CU YD		
STAGE 1B							
U.S. 45							
392+00 TO 447+59	7,232	71.9%	5,200	4,234	966		
CHOISSER ST.							
10+50 TO 11+00	68	65.7%	44	1	43		
FOURTH ST. SOUTH							
10+50 TO 11+50	171	71.1%	121	33	88		57 CY TO BE USED AT DEWEY RD.
JEFFERSON ST.							
10+50 TO 11+00	81	68.1%	55	0	55		
POPLAR ST.							
10+50 TO 11+00	47	61.2%	29	0	29		
DEWEY RD.							
10+50 TO 13+50	3	41.8%	1	58	-57		57 CY FROM FOURTH ST. SOUTH
ADAMS ST.							
10+50 TO 11+00	23	51.6%	12	4	8		
STAGE 1B TOTALS	7,625					0	
STAGE 2							
U.S. 45							
447+50 TO 449+88	30	40.2%	12	97	-85	0	85 CY FROM GANDERTOWN RD.
449+88 TO 722+00	40,790	70.4%	28,708	169,214	-140,506	76,885	780 CY FROM GANDERTOWN, 37 CY FROM N. COOK RD., 46 CY FROM COTTONWOOD 745 CY FROM VANGAMPLER RD., 73,741 CY FROM WETLAND SITE 1
GANDERTOWN RD.							
20+00 TO 25+90	1,545	69.3%	1,071	206	865		85 CY TO BE USED AT STA 447+50 TO 449+88 780 CY TO BE USED AT 449+88 TO 722+00
N. COOK RD.							
10+50 TO 11+38	63	58.3%	37	0	37		37 CY TO BE USED AT STA 449+88 TO 722+00
VANGAMPLER RD.							
10+50 TO 18+66	1,700	71.5%	1,215	470	745		745 CY TO BE USED AT STA 449+88 TO 722+00
FLANDERS RD.							
11+00 TO 11+70	15	41.7%	6	469	-463		463 CY FROM COTTONWOOD RD.
COTTONWOOD RD.							
10+50 TO 19+85	1,920	72.8%	1,397	888	509		463 CY TO BE USED AT FLANDERS RD. 46 CY TO BE USED AT STA. 449+88 TO 722+00
STAGE 2 TOTALS	46,063					76,885	
STAGE 3							
U.S. 45							
638+00 TO 722+00	4,449	67.7%	3,014	38,315	-35,301	41,655	
TEXAS CITY RD.							
7+92 TO 9+00	87	60.3%	53	133	-80	95	
STAGE 3 TOTALS	4,536					41,750	
PROJECT TOTAL	440,710					118,635	

EARTHWORK NOTES:

- * A SWELL FACTOR OF 1.18 WAS USED TO CALCULATE THE BORROW EXCAVATION.
- ** 37 CY FROM FOURTH ST., 57 CY FROM JEFFERSON ST., 26 CY FROM GROVE ST., 79 CY FROM DEWEY ST., 2,889 CY FROM ALEXANDER RD.
- *** 1,505 CY FROM ALEXANDER RD., 45 CY FROM SCHNAKE RD., 518 CY FROM S. COOK RD., 529 CY FROM ROBERTS ENTRANCE, 737 CY FROM ROBERTS DITCH, 363 CY FROM LEFT COOK RD., 12 CY FROM GANDERTOWN RD., 740 CY FROM BOURLAND RD., 428 CY FROM SHILOH RD., 116,592 FROM WETLAND SITE

NOTE:
LIMITS SHOWN FOR PAY ITEMS
ON THESE SCHEDULES MAY HAVE
ADDITIONAL LIMITS AND VALUES
IN OTHER SCHEDULES.

FILE NAME =	USER NAME = bemory	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES ALTERNATE BID B				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\Projects\2011 Projects\11297 - IDOT US 45 Ph2\CV\CADD Sheets\0978077-sht-schedule.dwg	DRAWN -	REVISED -			SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.	332	(29,30)R-1	SALINE	745 65
PLOT SCALE = 100.00' / in.	CHECKED -	REVISED -							CONTRACT NO. 78077					
PLOT DATE = 4/30/2014	DATE -	REVISED -							ILLINOIS FED. AID PROJECT					