

EARTHWORK UNIT	REM AND DISP OF UNSUITABLE MATERIAL (PGES AND LIGHTWEIGHT CELLULAR CONCRETE FILL) (CU YD)				REM AND DISP OF UNSUITABLE MATERIAL (TOPSOIL) (CU YD)				EARTH EXCAVATION (CU YD)				STORM SEWER EXCAVATION (CU YD)				TOTAL SUITABLE EXCAVATION (CU YD)				EXCAVATION TO BE USED IN EMBANKMENT (ADJ FOR 15% SHRINKAGE) (CU YD)				EMBANKMENT (CU YD)				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)											
	PRE	ST	STAGE I	STAGE II	STAGE III	PRE	ST	STAGE I	STAGE II	STAGE III	PRE	ST	STAGE I	STAGE II	STAGE III	PRE	ST	STAGE I	STAGE II	STAGE III	PRE	ST	STAGE I	STAGE II	STAGE III	PRE	ST	STAGE I	STAGE II	STAGE III	PRE	ST	STAGE I	STAGE II	STAGE III					
US45																																								
343+88-1109+00	0	0	0	0	0	0	399	175	0	0	0	1,523	2,744	5	0	0	287	143	0	0	0	1,810	2,887	5	0	0	810	18	175	0	0	729	2,436	-171	0					
1109+00-1123+50	0	0	0	0	0	7	827	285	0	0	549	1,216	3,960	0	0	0	137	85	0	0	549	1,353	4,045	0	0	0	1,581	71	325	0	467	-431	3,367	-325	0					
1123+50-1138+00	0	0	0	0	0	13	921	439	0	0	0	3,264	2,545	4	0	0	361	194	0	0	0	3,625	2,739	4	0	0	545	804	295	0	0	2,536	1,524	-292	0					
1138+00-1150+50	0	0	0	0	0	0	1,380	377	0	0	118	5,846	1,271	20	0	118	6,159	1,394	20	0	100	5,235	1,185	17	0	22	559	499	319	0	78	4,676	686	-302	0					
1150+50-1163+00	0	879	879	0	0	14	344	327	0	0	214	1,473	2,878	0	0	0	1,210	203	0	0	214	2,683	3,081	0	0	21	776	285	59	0	161	1,505	2,334	-59	0					
1163+00-1175+00	0	4,281	4,280	0	0	6	404	322	0	0	399	3,869	-410	0	0	0	961	228	0	0	339	4,830	-182	0	0	83	1,364	232	137	0	256	2,742	-387	-137	0					
1175+00-1181+30	0	0	0	0	0	35	154	256	0	0	186	443	430	0	0	0	23	27	0	0	158	396	388	0	0	42	88	32	83	0	116	308	356	-83	0					
CENTER ST / DEERPETH RD 13+40-19+00 AND 21+00-25+46	0	0	0	0	0	61	94	241	0	0	57	1,230	1,351	0	0	0	41	4	0	0	57	1,271	1,355	0	0	48	1,080	1,152	0	0	181	29	56	0	0	-133	1,051	1,096	0	0
BRAE LOCH RD 5+97-9+00	0	0	0	0	0	62	0	62	0	0	65	483	523	0	0	0	0	28	0	0	65	483	551	0	0	55	411	468	0	0	2	7	2	0	0	53	404	466	0	0
GAGES LAKE RD 11+50-15+27	0	0	0	0	0	58	24	104	0	0	11	829	711	0	0	0	21	2	0	0	11	850	713	0	0	9	723	606	0	0	10	18	5	0	0	-1	705	601	0	0
WASHINGTON ST 93+98-98+50 AND 101+25 - 104+82	0	177	178	0	0	0	179	155	0	0	14	1,839	1,924	0	0	0	21	56	0	0	14	1,860	1,980	0	0	12	1,581	1,683	0	0	0	70	38	0	0	12	1,511	1,645	0	0
OVERFLOW ROUTE 200+72-207+52.7	0	0	0	0	0	0	157	0	0	0	0	1,146	0	0	0	0	0	0	0	0	0	1,146	0	0	0	0	974	0	0	0	0	0	0	0	0	0	974	0	0	0
TOTAL	0	5,337	5,337	0	0	256	4,883	2,743	0	0	1,613	23,161	17,927	29	0	0	3,375	1,093	0	0	1,613	26,536	19,020	29	0	1,370	22,557	16,166	24	0	361	5,847	2,042	1,393	0	1,009	16,710	14,124	-1,369	0

NOTE: IT IS EXPECTED THAT THE CONTRACTOR WILL PLACE MOST OF THE FILL IDENTIFIED HERE FOR STAGE III DURING STAGE II SUCH THAT A LARGE STOCKPILE WILL NOT BE NECESSARY

NOTE: AN ADDITIONAL QUANTITY OF 4,436 CY OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL HAS BEEN INCLUDED FOR ADDITIONAL PGES NECESSARY DUE TO FIELD CONDITIONS. (SEE SHEET 12)

EARTH EXCAVATION REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

PRE ST	STAGE I	STAGE II	STAGE III	VARIOUS	TOTAL
1,613	23,161	17,927	29	0	42,730
256	10,220	8,080	0	4,436	22,992

EXISTING TREE ITEMS UNIT	TREE REMOVAL 6-15 UNITS DIAMETER (UNITS)	TREE REMOVAL OVER 15 UNITS DIAMETER (UNITS)	TREE TRUNK PROTECTION (EACH)	TREE ROOT PRUNING (EACH)	TREE PRUNING 1 TO 10 IN DIA OVER 10 IN DIA (EACH)	LANDSCAPING UNIT	FURNISHING AND PLACING TOPSOIL 4" (SQ YD)	FURNISHING AND PLACING TOPSOIL 24" (SQ YD)	FURNISHING AND PLACING COMPOST 4" (SQ YD)	SEEDING CLASS 2A (ACRE)	SEEDING CLASS 4 (ACRE)	SODDING, SALT TOLERANT (SQ YD)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	EROSION CONTROL BLANKET (SQ YD)
US45															
343+88-1109+00	0	0	2	0	0	US45	7,978	2,466	0	1.7	0.0	2,669	179	179	7,775
1109+00-1123+50	292	172	6	1	0	1119+50-1142+50	16,249	3,112	708	0.1	2,774	342	342	16,587	
1123+50-1138+00	992	768	19	12	12	1142+50-1165+50	15,340	1,318	727	0.2	3,372	289	289	13,285	
1138+00-1150+50	220	656	18	1	1	1165+50-1181+30	5,971	523	1,172	0.7	3,051	102	102	3,442	
1150+50-1163+00	260	180	8	0	0	CENTER ST / DEERPETH RD AND WASHINGTON ST	7,411	0	0	1.0	2,317	123	123	5,094	
1163+00-1175+00	160	40	1	1	1	TOTAL	52,949	7,419	2,607	9.6	14,183	1,035	1,035	46,183	
1175+00-1181+30	0	0	1	1	1										
CENTER ST / DEERPETH RD 13+40-19+00 AND 21+00-25+46	60	0	12	0	0										
BRAE LOCH RD 5+97-9+00	0	0	6	0	0										
GAGES LAKE RD 11+50-15+27	0	0	0	0	0										
WASHINGTON ST 93+98-98+50 AND 101+25 - 104+82	0	0	2	0	0										
TOTAL	1,984	1,816	75	16	15										

NOTE: TREE SIZES SHOWN ON THE PLANS ARE BASED ON A TOPOGRAPHIC SURVEY COMPLETED IN 2000-2001. AS SUCH, THE QUANTITY OF TREE REMOVAL HAS BEEN INCREASED BY 100% TO ACCOUNT FOR TREE GROWTH AND INFILL OF NEW TREES.

HOT-MIX ASPHALT ITEMS UNIT	HMA SURF COURSE MIX C, N50 (TON)	HMA SURF COURSE MIX "D", N70 (TON)	POLY HMA SURF COURSE IL-9.5FG, N90	HMA BINDER COURSE IL-19.0, N70 (TON)	POLY HMA BINDER COURSE IL-19.0, N90 (TON)	HMA BASE COURSE 6" (SQ YD)	HMA BASE COURSE 8" (SQ YD)	HMA BASE COURSE 9.75" (SQ YD)	SUBBASE GRAN MATL TYPE B 4" (SQ YD)	PORTLAND CEMENT CONCRETE ITEMS												
										UNIT	PAVEMENT (JOINTED) 9 3/4" (SQ YD)	CONC CURB TYPE B (FOOT)	CONC C & G TYPE B-6.12 (FOOT)	CONC C & G TYPE B-6.24 (FOOT)	CONC C & G TYPE B-6.24 (SPECIAL) (FOOT)	CONCRETE MED TY SB-6.24 (SQ FT)	CONCRETE MED TY SB-6.24 (MOD) (SQ FT)	CORRUGATED MEDIAN (SQ FT)	AGGREGATE SUBGRADE 12" (SQ YD)	PCC SIDEWALK 5" (SQ YD)		
US45																						
343+88-1109+00	57	15	0	181	0	181	525	0	181	US45	343+88-1109+00	8,578	305	143	2,626	1,952	0	0	1,940	10,317	754	
1109+00-1123+50	121	6	0	72	0	72	676	0	72	1109+00-1123+50	10,698	125	482	3,038	1,945	0	0	1,788	13,084	325		
1123+50-1138+00	175	0	0	0	0	337	1,227	0	1,117	1123+50-1138+00	11,258	102	650	3,066	1,771	1,290	0	2,199	13,579	322		
1138+00-1150+50	71	0	0	0	0	634	634	0	567	1138+00-1150+50	7,369	0	34	2,944	1,603	842	716	648	9,423	0		
1150+50-1163+00	54	27	0	324	0	480	480	0	232	1150+50-1163+00	9,293	211	723	2,768	799	1,823	2,848	367	11,272	415		
1163+00-1175+00	52	0	32	188	0	446	446	0	0	1163+00-1175+00	10,707	203	100	2,588	774	2,176	1,856	343	15,758	329		
1175+00-1181+30	0	0	119	0	696	0	0	0	0	1175+00-1181+30	747	0	186	820	560	0	0	321	13,857	95		
CENTER ST / DEERPETH RD 13+40-19+00 AND 21+00-25+46	17	298	0	3,543	0	156	156	2,084	3,088	CENTER ST / DEERPETH RD 13+40-19+00 AND 21+00-25+46	700	35	0	372	0	0	0	0	847	42		
BRAE LOCH RD 5+97-9+00	0	0	0	0	0	0	0	0	0	BRAE LOCH RD 5+97-9+00	1,116	0	0	85	0	0	0	0	1,150	0		
GAGES LAKE RD 11+50-15+27	15	0	0	0	0	131	131	0	0	GAGES LAKE RD 11+50-15+27	1,254	94	0	689	0	0	0	0	1,528	0		
WASHINGTON ST 93+98-98+50 AND 101+25 - 104+82	36	6	0	67	0	254	254	67	219	WASHINGTON ST 93+98-98+50 AND 101+25 - 104+82	4,662	40	97	2,622	0	0	0	0	5,459	0		
TOTAL	598	352	151	4,187	884	3,144	4,529	2,151	5,476	BUILDING REMOVAL	0	0	20	0	0	0	0	0	0	0		
										TOTAL	66,382	1,115	2,435	21,618	9,404	6,131	5,420	7,606	96,274	2,282		



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

U. S. ROUTE 45

HORIZ. 50 0 50

SCALE IN FEET

DATE 4/2/10

DRAWN BY MJL

CHECKED BY TSB