

EARTHWORK SCHEDULE I-55

BEGIN STATION	END STATION	EARTH EXCAVATION	TOPSOIL / UNSUITABLE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE	ROCK EXCAVATION
		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
1085+00.00	1086+00.00	63	32	54	28	26	0	0
1086+00.00	1087+00.00	63	36	54	32	22	0	0
1087+00.00	1088+00.00	62	39	53	39	14	0	0
1088+00.00	1089+00.00	60	45	51	54	-3	0	0
1089+00.00	1090+00.00	60	52	51	76	-25	0	0
1090+00.00	1091+00.00	60	60	51	88	-37	0	0
1091+00.00	1092+00.00	62	62	53	69	-16	0	0
1092+00.00	1093+00.00	65	41	55	32	23	0	0
1093+00.00	1094+00.00	97	49	82	13	69	0	0
1094+00.00	1095+00.00	147	76	125	10	115	0	0
1095+00.00	1096+00.00	182	71	155	2	153	0	0
1096+00.00	1097+00.00	213	58	181	0	181	0	0
1097+00.00	1098+00.00	236	49	201	2	199	0	0
1098+00.00	1099+00.00	245	39	208	4	204	0	0
1099+00.00	1100+00.00	228	30	194	4	190	0	10
1100+00.00	1101+00.00	221	26	188	4	184	0	10
1101+00.00	1102+00.00	247	52	210	6	204	0	0
1102+00.00	1103+00.00	230	91	196	30	166	0	0
1103+00.00	1104+00.00	323	86	275	26	249	0	0
1104+00.00	1105+00.00	654	147	556	32	524	0	0
1105+00.00	1106+00.00	1,184	300	1,006	99	907	0	0
1106+00.00	1107+00.00	2,175	458	1,849	150	1,699	0	0
1107+00.00	1108+00.00	2,882	632	2,450	160	2,290	0	0
1108+00.00	1109+00.00	2,362	773	2,008	162	1,846	0	0
1109+00.00	1110+00.00	1,991	776	1,692	206	1,486	0	0
1110+00.00	1111+00.00	1,943	732	1,652	173	1,479	0	0
1111+00.00	1112+00.00	1,778	617	1,511	91	1,420	0	0
1112+00.00	1113+00.00	1,513	400	1,286	78	1,208	0	0
1113+00.00	1114+00.00	906	369	770	513	257	0	0
1114+00.00	1115+00.00	375	458	319	710	-391	0	0
1115+00.00	1116+00.00	123	465	105	2,956	-2,851	0	0
1116+00.00	1117+00.00	3,052	415	2,594	2,743	-149	0	56
1117+00.00	1118+00.00	4,810	393	4,089	62	4,027	0	56
1118+00.00	1119+00.00	1,867	228	1,587	39	1,548	0	0
1119+00.00	1120+00.00	84	41	71	0	71	0	0
1120+00.00	1121+00.00	76	25	65	0	65	0	0
1121+00.00	1122+00.00	38	8	32	0	32	0	0
1122+00.00	1123+00.00	0	0	0	0	0	0	0
SUB TOTAL		32,550	9,435	27,672	9,699	17,973	880	132

EARTHWORK SUMMARY BY ROADWAY

ROADWAY	EARTH EXCAVATION	TOPSOIL / UNSUITABLE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	POROUS GRANULAR EMBANKMENT, SUBGRADE	ROCK EXCAVATION
	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
TEMP. PVT. ARSENAL RD.	906	0	774	44	730	0	0
ARSENAL ROAD	68,122	39,461	57,904	176,712	-118,808	5,139	409
WEST FRONTAGE CONNECTOR	26,894	12,976	22,864	73,927	-51,063	0	64
RAMP A	5,000	0	4,251	1,558	2,693	186	0
RAMP B	21,388	0	18,183	2,602	15,581	1,471	0
RAMP C	3,890	0	3,310	1,606	1,704	565	0
I-55	32,550	9,435	27,672	9,699	17,973	880	132
TOTAL	158,750	61,872	134,958	266,148	-131,190	8,241	605

EARTHWORK SUMMARY

DESCRIPTION	QUANTITY	UNIT
EARTH EXCAVATION	158,750	CU YD
FURNISHED EXCAVATION	131,190	CU YD
TOPSOIL / UNSUITABLE EXCAVATION		
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	26,872	CU YD
TOPSOIL EXCAVATION AND PLACEMENT	35,000	CU YD
ROCK EXCAVATION	605	CU YD
POROUS GRANULAR EMBANKMENT	8,241	CU YD

NOTES:

- "TOPSOIL EXCAVATION AND PLACEMENT" AND "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" IS INCLUDED IN TOPSOIL/UNSUITABLE EXCAVATION. TOPSOIL REQUIRED FOR RE-USE IN COMPLETION IN THE FINAL LANDSCAPING SHALL BE PAID FOR AS "TOPSOIL EXCAVATION AND PLACEMENT" WHILE THE REMAINDER SHOWN IN THE EARTHWORK SUMMARY TABLE ABOVE WILL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL."
- FOR QUANTITY CALCULATIONS THE AVERAGE EXISTING TOPSOIL THICKNESS IS ASSUMED TO BE 9" AS DETERMINED IN THE ROADWAY GEOTECHNICAL REPORT.

\* ASSUME 15% FOR SHRINKAGE

McDonough Associates Inc.  
 Engineers / Architects  
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D:\62\F12-SHT-SCHEDULE06.dgn	USER NAME = TK\uegal	DESIGNED - TRK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - TRK	REVISED -		SCALE: NONE	SHEET NO. 5 OF 8 SHEETS	STA.	TO STA.	55	99-2HB-2B-1	WILL	756	31
		CHECKED - DLT	REVISED -		CONTRACT NO. 60F12								
		DATE - 2/4/11	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								