

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.
1033+00.00	1034+00.00	80	40	70	0	70	0	0
1034+00.00	1035+00.00	528	155	450	0	450	0	30
1035+00.00	1036+00.00	1,191	295	1,010	0	1,010	0	35
1036+00.00	1037+00.00	1,763	390	1,500	0	1,500	0	5
1037+00.00	1038+00.00	1,793	430	1,525	0	1,525	0	10
1038+00.00	1039+00.00	1,502	440	1,275	0	1,275	0	10
1039+00.00	1040+00.00	1,230	400	1,045	0	1,045	0	5
1040+00.00	1041+00.00	893	320	760	0	760	0	5
1041+00.00	1042+00.00	686	215	585	0	585	0	0
1042+00.00	1043+00.00	375	115	320	0	320	0	0
1043+00.00	1044+00.00	143	75	120	0	120	0	15
1044+00.00	1045+00.00	132	55	110	0	110	0	50
SUB TOTAL		10,316	2,930	8,770	0	8,770	0	165

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.
ARSENAL STAGE 1	0	0	0	235	-235	0	0
WEST FRONT. CON. STAGE 1	0	0	0	0	0	0	0
WEST FRONT. CON. STAGE 1	0	0	0	30	-30	0	0
WEST FRONT. CON. STAGE 2	0	0	0	25	-25	0	0
RAMP D STAGE 1	0	0	0	35	-35	0	0
RAMP D STAGE 1A	0	0	0	55	-55	0	0
ARSENAL ROAD	686	3,470	585	15,010	-14,425	0	5
WEST FRONTAGE CONNECTOR	14,012	13,920	11,900	18,680	-6,780	262	875
WEST FRONTAGE ROAD	7,235	5,795	6,140	3,820	2,320	450	1,455
EAST FRONTAGE ROAD	8,674	25,060	7,370	130,025	-147,715	521	1,390
RAMP B	121,067	47,925	102,920	44,245	58,675	0	1,800
RAMP C	17,571	13,460	14,945	113,990	-99,045	0	1,695
RAMP D	3,489	1,610	2,960	3,005	-45	0	530
I-55	10,316	2,930	8,770	0	8,770	0	165
TOTAL	183,050	114,170	155,590	329,155	-198,625	1,233	7,915

EARTHWORK SUMMARY

DESCRIPTION	QUANTITY	UNIT
EARTH EXCAVATION	183,050	CU YD
FURNISHED EXCAVATION	198,245	CU YD
TOPSOIL/UNSUITABLE EXCAVATION	114,170	CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	79,670	CU YD
TOPSOIL EXCAVATION AND PLACEMENT	34,500	CU YD
ROCK EXCAVATION	7,915	CU YD
POROUS GRANULAR EMBANKMENT	1,233	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

FILE NAME = D162C31-SHT-SCHEDULE07.dgn	USER NAME = TKluegel	DESIGNED - TRK	REVISED -
		DRAWN - TRK	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C31	