

TOPSOIL REMOVAL SCHEDULE

US ROUTE 30 & FRONTAGE ROAD

STATION TO STATION	LENGTH	EARTH EXCAVATION (SUITABLE CUT)				EARTH EXCAVATION (15% S.F.) USED FOR EMBANKMENTS				EMBANKMENT (SUITABLE FILL)				EARTHWORK BALANCE (CU YD) (+)= WAST, (-)= SHORTAGE				
		PRE STAGE	STAGE 1/2	STAGE 3	STAGE 4	PRE STAGE	STAGE 1/2	STAGE 3	STAGE 4	PRE STAGE	STAGE 1/2	STAGE 3	STAGE 4	PRE STAGE	STAGE 1/2	STAGE 3	STAGE 4	
293+00	293+50	50	28.3	6.5	68.1	0.0	24.1	5.6	57.8	0.0	0.0	268.1	6.3	0.0	24.1	-262.6	51.5	0.0
293+50	294+00	50	42.4	9.7	95.3	0.0	36.0	8.2	81.0	0.0	0.0	166.5	5.5	0.0	36.0	-158.2	75.5	0.0
294+00	294+50	50	51.0	21.5	118.8	0.0	43.4	18.2	101.0	0.0	0.0	127.4	50.4	0.0	43.4	-109.2	50.6	0.0
294+50	295+00	50	50.2	26.7	127.7	0.0	42.7	22.7	108.6	0.0	9.4	122.0	47.8	0.0	33.2	-99.3	60.7	0.0
295+00	295+50	50	48.8	26.3	93.2	0.0	41.5	22.3	79.3	0.0	18.7	120.6	1.2	0.0	22.8	-98.3	78.1	0.0
295+50	296+00	50	48.2	21.7	50.9	0.0	41.0	18.5	43.2	0.0	12.0	125.6	4.7	0.0	29.0	-107.1	38.5	0.0
296+00	296+50	50	43.8	23.1	34.8	0.0	37.2	19.7	29.6	0.0	2.8	84.5	7.8	0.0	34.4	-64.9	21.8	0.0
296+50	297+00	50	34.9	27.3	35.9	0.0	29.7	23.2	30.5	0.0	1.7	25.1	8.6	0.0	28.0	-1.9	21.9	0.0
297+00	297+50	50	23.1	29.0	45.8	0.0	19.6	24.6	39.0	0.0	1.7	8.1	15.6	0.0	17.9	16.6	23.3	0.0
297+50	298+00	50	13.0	30.7	56.5	0.0	11.0	26.1	48.0	0.0	0.0	2.0	19.3	0.0	11.0	24.1	28.7	0.0

	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 20201200
	CU YD
Pre Stage	
US ROUTE 30	0
Stage 1/2	
US ROUTE 30	12,741
Stage 3	
US ROUTE 30	778
Stage 4	
US ROUTE 30	3,136
SAUK TRAIL	0
TOTAL QUANTITIES	16,655

SAUK TRAIL

STATION TO STATION	LENGTH	EARTH EXCAVATION (SUITABLE CUT)	EARTH EXCAVATION (15% S.F.) USED FOR EMBANKMENTS	EMBANKMENT (SUITABLE FILL)	EARTHWORK BALANCE (CU YD) (+)= WAST, (-)= SHORTAGE
381+50	382+00	50	11.1	9.4	4.3
382+00	382+50	50	18.4	15.7	3.6
382+50	383+00	50	51.5	43.8	35.3
383+00	383+50	50	96.5	82.0	80.9
383+50	384+00	50	120.0	102.0	101.3
384+00	384+50	50	133.1	113.1	110.0
384+50	385+00	50	140.6	119.5	114.1
385+00	385+50	50	174.3	148.1	145.3
385+50	386+00	50	203.1	172.7	154.1
386+00	386+50	50	255.0	216.8	198.3
386+50	387+00	50	328.3	279.1	279.1

EARTHWORK SUMMARY

	EARTH EXCAVATION 20200100	STRUCTURE EXCAVATION 50200100	AVAILABLE EXCAVATION ADJUST FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION (+)=WASTE, (-)=SHORTAGE
	CU YD	CU YD	CU YD	CU YD	CU YD
Pre Stage					
US ROUTE 30	1776	0	1510	553	957
Stage 1/2					
US ROUTE 30	3121	12147	12978	37195	-24217
Stage 3					
US ROUTE 30	1158	0	985	458	527
Stage 4					
US ROUTE 30	4077	0	3465	2773	692
SAUK TRAIL	1532	0	1302	76	1226
TOTAL QUANTITIES	11,664	12,147	9,914	41,054	23,260

UNDERCUT AND BACKFILL SCHEDULE

	UNDERCUT ELEVATIONS	REM & DISP UNS MATL CU YD	REM & DISP UNS MATL STRUCT CU YD	AGG SUB IMP CU YD	GEOTECH FAB F/GR STAB CU YD
W FRONTAGE					
STA 401+05 TO 402+43, 10' RT TO 60' RT, UNDER PAVEMENT WIDENING	CUT TO 627.00	578.7	0.0	648.1	777.8
STA 406+00 TO 406+60, 14' RT TO 14' LT, UNDER PAVEMENT WIDENING	CUT TO 627.50	122.7	0.0	137.5	165.0
US ROUTE 30					
NORTHEAST MSE WALL, STA 278+00 TO 281+53, CL TO 50' LT	CUT TO 622.10	0.0	1,882.2	1,882.2	2,274.6
NORTHWEST MSE WALL, STA 278+55 TO 281+00, CL TO 35' RT	CUT TO 622.10	0.0	1,762.4	1,762.4	1,277.7
SOUTHEAST MSE WALL, STA 283+25 TO 286+50, CL TO 56' LT	CUT TO 623.60	0.0	3,075.4	3,075.4	1,798.7
SOUTHWEST MSE WALL, STA 284+25 TO 286+00, CL TO 40' RT	CUT TO 624.70	0.0	1,461.7	1,461.9	1,718.3
TOTAL		702.0	8,182.0	8969.0	8,013.0

NON-SPECIAL WASTE EXCAVATION AND DISPOSAL SUMMARY

	EARTH EXCAVATION 20200100	STRUCTURE EXCAVATION 50200100	NON-SPECIAL WASTE DISPOSAL 66900200
	CU YD	CU YD	CU YD
FRONTAGE ROAD S.	702	0	701
NW MSE WALL	0	1763	1763
SE MSE WALL	0	3075	3075
SW MSE WALL	0	1462	1462
TOTAL QUANTITIES	702	6,300	7,002

NOTE: PER SOIL REPORT, THE NEED FOR UNDERCUTTING UNSTABLE SUBGRADE AND AGGREGATE SUBGRADE IMPROVEMENT SHOULD BE BASED ON DIRECT OBSERVATIONS MADE DURING CONSTRUCTION ONCE SUBGRADE SOILS ARE EXPOSED AND/OR TESTING PROCEDURES CAN BE CONDUCTED. ALL QUANTITIES OF AGGREGATE SUBGRADE IMPROVEMENT NOT REQUIRED DURING CONSTRUCTION SHOULD BE DELETED FROM CONSTRUCTION COSTS.



USER NAME = dsherman
 DESIGNED - DSS
 DRAWN - DRP
 CHECKED - VJD
 DATE - 03/28/2014

REVISER -
 REVISER -
 REVISER -
 REVISER -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET NO. 9 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	11-Y-A	COOK	354	36
CONTRACT NO. 60R19				
ILLINOIS FED. AID PROJECT				