

# EARTHWORK SCHEDULE

LOCATION	20200100	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EARTH EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) or SHORTAGE (-)	20400800	31100100	25000210	25000310	25100630	28000250	21101615
	EARTH EXCAVATION				FURNISHED EXCAVATION	SUB-BASE GRANULAR MATERIAL, TYPE A	SEEDING CLASS 2A	SEEDING CLASS 4	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	TOPSOIL FURNISH AND PLACE, 4"
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(TON)	(ACRE)	(ACRE)	(SQ YD)	(POUND)	(SQ YD)
<b>STAGE 1A (IL 40)</b>											
936+40.00 - 940+00.00	90.4	67.8		67.8	-67.8						
940+00.00 - 946+00.00	83.8	62.8	0.0	62.8	-62.8						
946+00.00 - 950+92.00	112.0	84.0	0.0	84.0	-84.0						
<b>MAINLINE (IL 40)</b>											
936+40.00 - 940+00.00	71.3	53.5	73.3	-19.8	19.8	47.5					
940+00.00 - 946+00.00	389.0	291.7	1,590.3	-1,298.6	1,298.6	2,306.2					
946+00.00 - 950+92.00	629.7	472.3	230.4	241.8	-241.8	387.0					
<b>SEEDING PLAN (IL 40)</b>											
936+40.00 - 940+50.00							0.42	0.01	2,129	221	2,129
940+50.00 - 946+50.00							0.42	0.17	2,812	224	2,812
946+50.00 - 950+92.00							0.32	0.08	1,940	269	1,940
<b>TOTALS</b>	<b>1,376</b>	<b>1,032</b>	<b>1,894</b>	<b>-862</b>	<b>862</b>	<b>2,741</b>	<b>1.25</b>	<b>0.50</b>	<b>8,470</b>	<b>714</b>	<b>8,470</b>

### EARTHWORK GENERAL NOTES

ALL EARTHWORK QUANTITIES ARE CALCULATED BY THE METHOD OF AVERAGE END AREAS USING THE PLAN CROSS SECTIONS.

SHRINKAGE FACTOR, ASSUMED TO BE 25% FOR THIS PROJECT, ARE ESTIMATED FOR THE PURPOSE OF DETERMINING A BALANCE OF EARTHWORK. THE CONTRACTOR SHALL ESTIMATE HIS OWN SHRINKAGE FACTORS IN DETERMINING HIS EARTHWORK. NO PAYMENT WILL BE MADE ON EARTHWORK QUANTITIES DUE TO VARIATION IN THE SHRINKAGE FACTOR SINCE EARTHWORK IS MEASURED IN ITS FINAL POSITION.

TESTING OF SUBGRADES AND EMBANKMENTS WILL BE REQUIRED. TESTING REQUIREMENTS WILL BE PER THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS AND THE SUBGRADE STABILITY MANUAL. IF PROFF ROLLS ARE REQUIRED BY THE ENGINEER, THE COST SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

EARTH EXCAVATION SHALL BE PAID FOR ONLY ONCE, REGARDLESS OF STAGING OR SEQUENCING OF CONTRACTORS OPERATIONS THAT REQUIRE STOCKPILING OF MATERIALS FOR LATER USE, REDISTRIBUTION AND RESPREADING IN SHOULDERS AND CONSTRUCTING OF EMBANKMENTS.

FILE NAME = P:\CBBEL WEST Projects\2009\121021\_09\_IL 40\Civil\09\10\p\Sh\A\2084854-11r-schedule5.dgn



USER NAME = #USER#	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 8/2/2010	DATE - 8/6/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

### EARTHWORK SCHEDULE

SCALE: SHEET NO. 18 OF 90 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8BR-1	WHITESIDE	90	18
<b>CONTRACT NO. 84854</b>				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				