

STATION	SQUARE FEET BY STATION				VOLUMES, IN CUBIC YARDS				REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION TO BE USED IN EMBANKMENT (CU YD)	BALANCE WASTE (+) SHORTAGE (-) (CU YD)
	TOPSOIL EXCAVATION (SQ FT)	EARTH EXCAVATION (SQ FT)	UNDERCUT PGES (SQ FT)	EMBANKMENT (SQ FT)	TOPSOIL EXCAVATION (CU YD)	EARTH EXCAVATION (CU YD)	UNDERCUT PGES (CU YD)	EMBANKMENT (CU YD)			
202+00.00	19.2	30.5	0.0	31.0							
202+50.00	42.9	47.9	45.0	52.6	58.0	73.0	42.0	78.0	100.0	62.1	-16.0
203+00.00	67.6	36.8	45.0	104.6	103.0	79.0	84.0	146.0	187.0	67.2	-78.9
203+50.00	79.2	84.2	0.0	119.2	136.0	113.0	42.0	208.0	178.0	96.1	-112.0
204+00.00	85.2	85.6	0.0	140.1	153.0	158.0	0.0	241.0	153.0	134.3	-106.7
204+50.00	91.7	35.0	0.0	204.5	164.0	112.0	0.0	320.0	164.0	95.2	-224.8
205+00.00	96.4	52.6	0.0	228.3	175.0	82.0	0.0	401.0	175.0	69.7	-331.3
205+50.00	90.9	58.0	15.0	216.5	174.0	103.0	14.0	412.0	188.0	87.6	-324.5
206+00.00	59.7	50.4	15.0	266.6	140.0	101.0	28.0	448.0	168.0	85.9	-362.2
206+41.00	55.0	71.6	15.0	266.6	88.0	93.0	23.0	405.0	111.0	79.1	-326.0
BRIDGE PAVEMENT - STA 206+41 TO 207+80											
207+80.00	112.5	143.5	0.0	174.9							
208+00.00	112.5	143.5	10.0	174.9	84.0	107.0	4.0	130.0	88.0	91.0	-39.1
208+50.00	115.2	105.1	10.0	201.5	211.0	231.0	19.0	349.0	230.0	196.4	-152.7
209+00.00	111.9	104.4	10.0	191.3	211.0	194.0	19.0	364.0	230.0	164.9	-199.1
209+50.00	109.2	85.8	0.0	169.1	205.0	177.0	10.0	334.0	215.0	150.5	-183.6
210+00.00	100.5	69.4	35.0	147.7	195.0	144.0	33.0	294.0	228.0	122.4	-171.6
210+50.00	58.6	43.4	35.0	112.1	148.0	105.0	65.0	241.0	213.0	89.3	-151.8
211+00.00	51.4	39.0	20.0	103.6	102.0	77.0	51.0	200.0	153.0	65.5	-134.6
211+50.00	36.3	4.9	0.0	68.6	82.0	41.0	19.0	160.0	101.0	34.9	-125.2
211+92.00	36.3	4.9	0.0	68.6	57.0	8.0	0.0	107.0	57.0	6.8	-100.2
TOTALS:					2,486.0	1,998.0	453.0	4,838.0	2939.0	1698.3	-3139.7
SHRINKAGE FACTOR = 15%											

**NOTES:**

- 15% SHRINKAGE FACTOR WAS USED
- ASSUMED 6-INCH TOPSOIL EXCAVATION WITHIN EXISTING ROW AND 12-INCH BETWEEN EXISTING ROW AND PROPOSED ROW
- ASSUMED 12-INCH DEPTH FOR UNDERCUT AREAS
- ANY PGES AND REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR GROUND STABILIZATION NOT NEEDED AT THE TIME OF CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT.
- REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = TOPSOIL EXCAVATION + UNDERCUT
- UNDERCUT PGES INCLUDES DITCH UNDERCUT + 6-INCH AVERAGE POTENTIAL ROADWAY UNDERCUT

SUMMARY			
20200100	20400800	20201200	Z0042002
EARTH EXCAVATION (CU YD)	FURNISHED EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	POROUS GRANULAR EMBANKMENT SUBGRADE (CU YD)
2,000	3,140	2,940	455

CONTROLLED BY BAXTER & WOODMAN, INC. 11/16/2010 11:00:00 AM  
 LICENSE NO. 184-00121 - EXPIRES 4/30/2011  
 12/16/2010 3:35:58 PM  
 I:\Mokkino\MCCDIN\070630-02-Br-15Sch.dwg  
 I:\Mokkino\MCCDIN\070630-02-Br-15Sch.dwg



DESIGNED - CAC	REVISED - PER IDOT 10-08-10
DRAWN - BCD	REVISED -
CHECKED - MDW	REVISED -
DATE - 08/20/10	FILE - 070630-EarthSch.sht

**MCHENRY COUNTY DIVISION OF TRANSPORTATION**  
**UNION ROAD BRIDGE OVER**  
**SOUTH BRANCH OF KISHWAUKEE RIVER**

**EARTHWORK SCHEDULE**

SCALE: NONE

STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034	06-00320-02-BR	MCHENRY	65	6
CONTRACT NO. 63536			JOB NO. C-91-140-11 ILLINOIS FED. AID PROJECT BRS-0034(107)	