

PLAN SURVEYED BY DATE
 AS CHECKED BY DATE
 IN COLLECTED BY DATE
 NOTE BOOK NO. OF WAY CHECKED
 CAD FILE NAME

EROSION CONTROL SCHEDULE

STA to Sta	TEMP. EROSION CONTROL SEEDING (lb)	SEEDING CL 2 (ac)	NITROGEN FERTILIZER NUTRIENT (lb)	PHOSPHORUS FERTILIZER NUTRIENT (lb)	POTASSIUM FERTILIZER NUTRIENT (lb)	MULCH METHOD 2 (ac)
1436+50 to 1437+00	6	0.05	4.3	4.3	4.3	0.05
1437+00 to 1437+50	6	0.05	4.7	4.7	4.7	0.05
1437+50 to 1438+00	7	0.06	5.3	5.3	5.3	0.06
1438+00 to 1438+50	6	0.05	4.2	4.2	4.2	0.05
1438+50 to 1439+00	5	0.04	3.8	3.8	3.8	0.04
1439+00 to 1439+50	6	0.05	4.7	4.7	4.7	0.05
1439+50 to 1440+00	6	0.06	5.0	5.0	5.0	0.06
1442+00 to 1442+50	8	0.07	6.5	6.5	6.5	0.07
1442+50 to 1443+00	7	0.06	5.3	5.3	5.3	0.06
1443+00 to 1443+50	5	0.04	4.0	4.0	4.0	0.04
1443+50 to 1444+00	5	0.04	3.8	3.8	3.8	0.04
1444+00 to 1444+50	6	0.05	4.3	4.3	4.3	0.05
1444+50 to 1445+00	5	0.04	3.9	3.9	3.9	0.04
1445+00 to 1445+50	2	0.02	1.8	1.8	1.8	0.02
TOTAL	80	0.75	62	62	62	0.75

PIPE DRAIN SCHEDULE

#	STA	T-B INLET BOX STAND 609006 (EACH)	PIPE DRAINS 12" (FT)	END SECTIONS 12" (EACH)	CONC. THRUST BLOCKS (EACH)	UPSTREAM			DOWNSTREAM	
						F.L.	INV.	OFFSET	F.L.	OFFSET
A	1439+95.69	1	25	1	1	514.58	511.91	16' RT	504.62	38.84' RT
B	1440+08.49	1	36	1	1	514.62	511.95	16' RT	502.14	48.86' LT
C	1441+86.69	1	35	1	1	515.16	512.49	16' RT	503.78	46.66' RT
D	1441+99.49	1	59	1	1	515.19	512.52	16' RT	501.10	52.09' LT
TOTAL =		4	155	4	4					

Ditch Check Spacing

Ditch Slope (%)	Height of Center of Ditch Check (Overflow Pt) (ft)	Spacing of Ditch Check (ft)
8.0	12	12.67
	15	18.67
	24	25.00
7.0	12	14.33
	15	21.33
	24	28.67
6.0	12	16.67
	15	25.00
	24	33.33
5.0	12	20.00
	15	30.00
	24	40.00
4.0	12	25.00
	15	37.67
	24	50.00
3.0	12	33.33
	15	50.00
	24	66.67
2.0	12	50.00
	15	75.00
	24	100.00
1.0 & Under	12	100.00
	15	150.00
	24	200.00

Ditch Check / Inlet & Pipe Protection

Sta	Offset	Inlet & Pipe Protection (each)	Ditch Check (each)
1436+50	LT		1
1437+00	LT		1
1437+50	LT	1	
1438+00	RT		2
1438+19	RT		1
1438+37	RT		1
1438+82	RT		1
1442+00	LT		1
1442+38	LT		1
1442+50	LT		1
1442+69	LT		1
1442+87	LT		1
1443+06	LT		1
1443+25	LT		1
1443+43	LT		1
1443+59	LT		1
1443+67	LT		1
1443+76	LT		1
1443+84	LT		1
1443+27	RT		1
439+95.69	RT	1	
440+08.49	LT	1	
441+86.69	RT	1	
441+99.49	LT	1	
TOTAL		5	20

TREE PLANTING SCHEDULE

STATION	OFFSET	SPECIES			
		BETULA NIGRA (RIVER BIRCH) 1-3/4" CALLIPER, B&B (EACH)	QUERCUS PALUSTRIS (PIN OAK) 1-1/2" CALIPER, B&B (EACH)	TAXODIUM DISTICHUM (COMMON BALD CYPRESS) 1-3/4" CALIPER B&B (EACH)	CERCIS CANADENSIS (EASTERN REDBUD) 1-3/4" CALLIPER B&B (EACH)
1436+78	43.8 LT	1			
1436+96	43.6 LT			1	
1437+21	43.3 LT		1		
1437+44	42.5 LT				1
1437+60	42.5 LT				1
1437+75	42.5 LT				1
1437+91	42.5 LT				1
1438+45	42.5 LT			1	
1438+63	41.9 LT	1			
1438+79	41.9 LT	1			
1438+95	41.9 LT	1			
1439+77	42.8 LT	1			
1439+92	43.7 LT	1			
1440+19	41.0 LT	1			
1436+97	48.8 RT	1			
1437+15	49.9 RT	1			
1437+40	51.9 RT		1		
1437+63	58.0 RT				1
1437+79	60.4 RT				1
1437+95	61.4 RT				1
1442+00	30.0 RT	1			
1442+14	37.3 RT	1			
1442+22	36.5 RT	1			
1442+31	35.6 RT	1			
SUB-TOTAL		12	2	3	7
TOTAL				24	

EARTHWORK SCHEDULE NORTH OF BRIDGE

STA to STA	UNADJUSTED EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 25% SHINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
1436+15.16 to 1436+50.00	15.7	11.8	5.2	6.6
1436+50.00 to 1437+00.00	35.5	26.6	23.2	3.4
1437+00.00 to 1437+50.00	20.7	15.5	71.7	-56.2
1437+50.00 to 1437+61.07	8.1	6.1	21.3	-15.2
1437+61.07 to 1438+00.00	31.2	23.4	100.4	-77
1438+00.00 to 1438+50.00	21.1	15.8	109.6	-93.8
1438+50.00 to 1439+00.00	11.4	8.6	139.7	-131.1
1439+00.00 to 1439+50.00	2.4	1.8	228.6	-226.8
1439+50.00 to 1440+00.00	4.1	3.1	169.4	-166.3
SUB-TOTAL =	150.2	112.7	869.1	-756.4
ROUNDED SUB-TOTAL =	150	113	869	-756

EARTHWORK SCHEDULE SOUTH OF BRIDGE

STA to STA	UNADJUSTED EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 25% SHINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
1442+00.00 to 1442+50.00	26.9	20.2	249.9	-229.7
1442+50.00 to 1443+00.00	34	25.5	170.8	-145.3
1443+00.00 to 1443+50.00	21	15.8	100.2	-84.4
1443+50.00 to 1444+00.00	6.7	5	68.5	-63.5
1444+00.00 to 1444+50.00	2.4	1.8	52.4	-50.6
1444+50.00 to 1445+00.00	7.1	5.3	23.2	-17.9
1445+00.00 to 1445+50.00	5	3.8	6.1	-2.3
SUB-TOTAL	103.1	77.4	671.1	-593.7
ROUNDED SUB-TOTAL =	103	77	671	-594

EARTHWORK SUMMARY

	UNADJUSTED EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 25% SHINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
TOTAL	225	190	1540	-1350

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULES

FAP 692
SECTION 12-1BR-1
MADISON COUNTY

REVISIONS	
NAME	DATE

DRAWN BY: