

CLEARING AND GRUBBING

		CLEARING		GRUBBING	
		20101	20102	20104	20105
STATION	LOCATION	40m	25mm	40m	25mm
0+400 TO 0+900	CTH JJ	-	*	-	*
0+900 TO 0+940	CTH JJ	1	-	1	-
0+900 TO 0+955	CTH JJ	-	*	-	*
1+380 TO 1+460	WRIGHTSTOWN RD.	2	*	2	*
1+460 TO 1+660	WRIGHTSTOWN RD.	-	250	-	250
1+920 TO 2+270	WRIGHTSTOWN RD.	-	*	-	*
TOTAL		3	250	3	250

NOTE: CLEARING AND GRUBBING NOT INCLUDED SHALL BE PAID FOR BY 25mm.

REMOVING CURB AND GUTTER SUMMARY

20405 REMOVING CURB AND GUTTER			
STATION	LOCATION	m	REMARKS
✓ 3+400	STH 96, LT	22	NW CORNER
✓ 3+400	STH 96, LT	18	SW CORNER
✓ 38+240	USH 41 SB LT	18.5	SW CORNER
✓ 38+275	USH 41 SB LT	25	NW CORNER
✓ 38+295	E.FR RD @ OLD CTH JJ	24	SW CORNER
40+240	USH 41 MEDIAN	21	CROSSOVER @ WRIGHTSTOWN RD.
40+265	USH 41 MEDIAN	32	CROSSOVER @ WRIGHTSTOWN RD.
40+800	USH 41 MEDIAN	25	CROSSOVER @ APPLE CREEK RD.
40+820	USH 41 MEDIAN	25	CROSSOVER @ APPLE CREEK RD.
41+880	E.FR RD, RT	98	S.LAWRENCE CEMETERY
42+580	W.FR RD, RT	20	CROSSOVER TO USH 41
42+600	USH 41 MEDIAN	32	CROSSOVER @ GOLDEN GLOW RD.
42+615	W.FR RD, RT	24	CROSSOVER TO USH 41
42+620	USH 41 MEDIAN	36	CROSSOVER @ GOLDEN GLOW RD.
TOTALS		420.5	

REMOVING CURB

20403 REMOVING CURB			
STATION	LOCATION	m	REMARKS
✓ 38+255	USH 41 SB LT	14	OLD CTH JJ
40+235	USH 41 SB LT	30	OLD WRIGHTSTOWN RD
40+275	USH 41 NB RT	18	OLD WRIGHTSTOWN RD
40+800	USH 41 SB LT	14	OLD APPLE CREEK RD
40+820	USH 41 NB RT	22	OLD APPLE CREEK RD
42+595	USH 41 SB LT	14	OLD GOLDEN GLOW RD
42+630	USH 41 NB RT	18	OLD GOLDEN GLOW RD
TOTALS		130	

ABANDON WELL SUMMARY

20483 ABANDON WELL		
STATION	LOCATION	EACH
41+306	W. FRONTAGE ROAD 5m RT.	1
TOTALS		1

REMOVING SURFACE DRAINS

20409 REMOVING SURFACE DRAINS			
STATION	LOCATION	EACH	REMARKS
40+275	USH 41 MEDIAN	1	OLD WRIGHTSTOWN RD.
TOTALS		1	

REMOVING SEPTIC TANK SUMMARY

20417 REMOVING SEPTIC TANK			
STATION	LOCATION	EACH	
41+305	W. FRONTAGE ROAD	1	
TOTALS		1	

REMOVING PAVEMENT SUMMARY

20401 REMOVING PAVEMENT			
STATION TO STATION	LOCATION	m ²	
41+040 - 41+500	W. FRONTAGE ROAD	2924	
37+300 - 37+660	EXISTING NB LANE	2628	
38+124 - 38+204	EXISTING NB LANE	584	
38+940 - 39+360	EXISTING NB LANE	3066	
TOTALS		9,202	

REMOVING UNDERGROUND TANKS

20450 REMOVING UNDERGROUND TANKS			
STATION	LOCATION	EACH	
41+285	W. FRONTAGE ROAD	1	
TOTALS		1	

REMOVING GUARDRAIL SUMMARY

20411 REMOVING GUARDRAIL			
STATION TO STATION	LOCATION	m	REMARKS
37+060 - 37+095	E. FRONTAGE ROAD LT	27	OLD KELSO ROAD
41+855 - 42+034	USH 41 NB RT	179	S.LAWRENCE CEMETERY
TOTALS		206	

REMOVING ASPHALTIC SURFACE

20402 REMOVING ASPHALTIC SURFACE			
STATION	LOCATION	m ²	REMARKS
38+200 TO 38+344	E. FRONTAGE ROAD LT	480	OLD CTH JJ TURN LANE
40+810	USH 41 MEDIAN	593	OLD APPLE CREEK RD.
TOTALS		1,073	

REMOVING BUILDING SUMMARY

20460 REMOVING BUILDING			
STATION	LOCATION	LS	REMARKS
41+285	W. FRONTAGE ROAD 5m RT	1	STORAGE SHED
41+292	W. FRONTAGE ROAD	1	SCALE HOUSE
TOTALS		1	

REMOVING GUARDRAIL SUMMARY

20411 REMOVING GUARDRAIL			
STATION TO STATION	LOCATION	m	REMARKS
37+060 - 37+095	E. FRONTAGE ROAD LT	27	OLD KELSO ROAD
41+855 - 42+034	USH 41 NB RT	179	S.LAWRENCE CEMETERY
TOTALS		206	

MISCELLANEOUS QUANTITIES

HWY: USH 41

COUNTY: OUTAGAMIE

STATE PROJECT NO: 1131-08-82

SHEET NO: 3A

M

FILE NAME: W:\USBN\1131-08-82\ESTIMATE

ORIGINATOR: P. DENEYS

ORIG. DATE: 7-30-99

REV. DATE: 12-14-99

OBLITERATE OLD ROAD

STATION TO STATION		LOCATION	m	REMARKS
21401				
37+040 TO 37+105		E.FRONTAGE RD. LT	65.0	OLD KELSO RD.
38+305		E.FRONTAGE RD. LT	24.0	OLD CTH JJ
38+320		E.FRONTAGE RD. RT	30.0	OLD CTH JJ
38+685		E.FRONTAGE RD. LT	20.0	OLD TOWN CLUB RD.
39+300 TO 39+330		E.FRONTAGE RD. RT	35.0	OLD TOWN CLUB RD.
40+350		E.FRONTAGE RD. RT	120.0	OLD WRIGHTSTOWN RD.
40+240 TO 40+320		E.FRONTAGE RD. LT	60.0	NB TEMP. BYPASS RD.
40+350		E.FRONTAGE RD. LT	65.0	OLD WRIGHTSTOWN RD.
42+980	43+015	W.FRONTAGE RD. LT	35.0	OLD WILLIAMS GRANT RD.
40+205		W.FRONTAGE RD. LT	90.0	OLD WRIGHTSTOWN RD.
41+220 TO 41+380		W.FRONTAGE RD. LT	160.0	SCALE

TOTAL 704.0

REMOVING OLD CULVERTS

20330						
EXISTING CULVERT				REMOVING		
STATION	LOCATION	DIAMETER	TYPE	APPROXIMATE	OLD CULVERT'S	REMARKS
		mm		LENGTH (m)		
37+060	E.FR RD, LT	450	CMCP	22	1	OLD KELSO RD
37+100	E.FR RD, LT	450	CMCP	18	1	OLD KELSO RD
40+495	E.FR RD, LT	900	CSCP	10	1	PARTIAL REMOVAL, SALVAGE ENDWALL

TOTALS 3

CRUSHED AGGREGATE BASE COURSE, WATER, AND
CALCIUM CHLORIDE SURFACE TREATMENT SUMMARY

STATION TO STATION		LOCATION	ROADWAY	SHOULDER	WATER	CALCIUM CHLORIDE SURF. TREATMENT
			Mg	Mg	KL	KL
1+070 TO 1+110		BODDE RD.	449.0	97.0	23.0	
0+440 TO 0+955		CTH JJ	2,108.0	455.0	108.0	
1+000 TO 1+052		E.APPLE CREEK RD.	212.0	46.0	11.0	5.0
36+960 TO 43+620		E.FRONTAGE RD.	36,157.0	7,539.0	1,675.0	
0+930 TO 1+000		GOLDEN GLOW RD.	286.0	62.0	15.0	2.0
10+000 TO 10+040		KELSO RD.	165.0	36.0	8.0	
43+620 TO 44+293		E.FRONTAGE RD.		112.8	4.7	
1+000 TO 1+080		MC CABE RD.	409.0	88.0	21.0	
42+110 TO 42+900		W. FRONTAGE RD.		170.0	8.0	
0+068 TO 1+000		TOWN CLUB RD.	131.0	28.0	7.0	3.0
37+080 TO 42+110		W. FRONTAGE RD.	34,449.0	7,182.0	1,697.0	
42+900 TO 43+620		W. FRONTAGE RD.	3,678.5	317.5	168.3	
43+620 TO 44+194		W. FRONTAGE RD.		128.1	5.4	
0+060 TO 1+000		W.APPLE CREEK RD.	163.0	35.0	8.0	5.0
1+000 TO 1+060		WILLIAM GRANT RD.	245.0	53.0	13.0	5.0
1+400 TO 2+240		WRIGHTSTOWN RD.	3,449.0	744.0	176.0	
MAINTENANCE	CROSSOVERS	FOR FREEWAYS	400.0		16.8	
SUBTOTAL			82,301.5	17,093.4		
TOTAL			99,395		3,965.2	20.0

EARTHWORK SUMMARY

SEC. NO.		STATION TO STATION	LOCATION	COMMON EXCAV. m3	EBS m3	20505 MARSH EXCAV. m3	20811 SELECTED BORROW EXCAV. m3	WASTE m3
1	36+960 TO 37+720		E. FRONTAGE ROAD	3,527			2,652	
2	38+940 TO 39+560		E. FRONTAGE ROAD	5,419			4,074	
3	40+300 TO 40+520		NB TEMP BYPASS (REMOVAL)	12,352			4	12,347
4	40+500 TO 40+930		E. FRONTAGE ROAD	4,975			669	4,085
5	41+889 TO 42+094		E. FRONTAGE ROAD	1,023			66	
6	38+160 TO 38+520		W. FRONTAGE ROAD	916			10,857	
7	39+940 TO 40+900		W. FRONTAGE ROAD	35,808	2,231		2,603	
8	40+080 TO 40+400		W. FRONTAGE ROAD (INITIAL CUT)	19,884			0	
9	41+140 TO 41+510		W. FRONTAGE ROAD	5,714			641	
10	0+412 TO 0+953		CTH JJ	4,433		1,300	3,642	1,495
11	1+380 TO 2+270		WRIGHTSTOWN ROAD	40,726	5,067		6,667	15,759
12			WETLAND MITIGATION SITE	24,164			9,578	
13			WETLAND STOCKPILE				45,670	
SUBTOTAL				158,941	7,298			
TOTAL				166,239		1,300	87,123	1,495 32,191

BREAKER RUN SUMMARY

STATION TO STATION	LOCATION	30426 Mg	REMARKS
0+440 - 0+956	CTH JJ	2,333.0	SUB-BASE
36+960 - 43+620	E.FRONTAGE RD.	38,842.0	SUB-BASE
40+300 - 40+400	E.FRONTAGE RD.	844.2	E.B.S. AREA
37+080 - 42+110	W.FRONTAGE RD.	29,483.0	SUB-BASE
40+100 - 40+350	W.FRONTAGE RD.	4,685.1	E.B.S. AREA
42+900 - 43+620	W.FRONTAGE RD.	1,372.3	SUB-BASE
1+400 - 2+270	WRIGHSTOWN RD	3,818.0	SUB-BASE
1+460 - 1+880	WRIGHSTOWN RD	10,640.7	E.B.S. AREA
1+360	WRIGHSTOWN RD LT	1.5	FRENCH DRAIN
1+460	WRIGHSTOWN RD LT	1.5	FRENCH DRAIN
1+560	WRIGHSTOWN RD LT	1.5	FRENCH DRAIN
1+650	WRIGHSTOWN RD RT	1.5	FRENCH DRAIN
1+750	WRIGHSTOWN RD RT	1.5	FRENCH DRAIN

TOTAL 92,025.8

MISCELLANEOUS QUANTITIES

HWY: USH 41

COUNTY: OUTAGAMIE

STATE PROJECT NO: 1131-08-82

SHEET NO: 3B

M

FILE NAME: W:\USB\1131-08-82\ESTIMATE

ORIGINATOR: P. DENEYS

ORIG. DATE: 7-30-99

REV. DATE: 12-14-99

ASPHALT SUMMARY

STATION TO STATION		LOCATION	40714 ASPH. CONC. PAV., TYPE LV	40501 ASPH. MAT'L FOR PLANT MIX	40204 ASPH. MAT'L FOR TACK COAT	62203 ASPHALTIC FLUMES	REMARKS
			Mg	Mg	L	m2	
36+960	- 43+620	E. FR RD	13,160	722	5,939		
37+147		E. FR RD @ KELSO ROAD				6	NE CORNER
37+147		E. FR RD @ KELSO ROAD				6	SE CORNER
38+158		E. FR RD @ CTH JJ				6	NW CORNER
38+158		E. FR RD @ CTH JJ				6	NE CORNER
38+158		E. FR RD @ CTH JJ				6	SE CORNER
38+158		E. FR RD @ CTH JJ				6	SW CORNER
40+392		E. FR RD @ WRIGHTSTOWN RD.				6	NW CORNER
40+392		E. FR RD @ WRIGHTSTOWN RD.				6	SE CORNER
40+392		E. FR RD @ WRIGHTSTOWN RD.				6	SW CORNER
40+392		E. FR RD @ WRIGHTSTOWN RD.				6	NE CORNER
41+880		E. FR RD, RT				6	
42+657		E. FR RD @ GOLDEN GLOW RD.				6	NE CORNER
42+657		E. FR RD @ GOLDEN GLOW RD.				6	SE CORNER
43+620	44+293	E. FR RD	331	18	33		RESURFACE
37+080	- 42+900	W. FR RD	12,572	693	5,665		
42+110	- 42+900	W. FR RD	516	28	521		RESURFACE
38+127		W. FR RD @ CTH JJ				6	NW CORNER
38+127		W. FR RD @ CTH JJ				6	NE CORNER
38+127		W. FR RD @ CTH JJ				6	SE CORNER
38+127		W. FR RD @ CTH JJ				6	SW CORNER
38+516		W. FR RD @ BODDIE RD.				6	NE CORNER
38+516		W. FR RD @ BODDIE RD.				6	NW CORNER
40+274		W. FR RD @ WRIGHTSTOWN RD.				6	NW CORNER
40+274		W. FR RD @ WRIGHTSTOWN RD.				6	NE CORNER
40+274		W. FR RD @ WRIGHTSTOWN RD.				6	SE CORNER
40+274		W. FR RD @ WRIGHTSTOWN RD.				6	SW CORNER
40+369		W. FR RD @ MC CABE RD.				6	NW CORNER
40+369		W. FR RD @ MC CABE RD.				6	NE CORNER
40+770		W. FR RD LT.				6	
42+900	43+620	W. FR RD	1,044	57	104		
43+029		W. FR RD @ WILLIAM GRANT RD.				6	NW CORNER
43+029		W. FR RD @ WILLIAM GRANT RD.				6	SW CORNER
43+620	44+194	W. FR RD	376	21	38		RESURFACE
0+060	- 1+000	W. APPLE CREEK RD.	56	3	27		
0+068	- 1+000	TOWN CLUB RD.	47	3	21		
0+440	- 0+955	CTH "JJ"	757	42	341		
0+930	- 1+000	GOLDEN GLOW RD.	103	6	46		
1+000	- 1+060	WILLIAM GRANT RD.	88	5	40		
1+000	- 1+080	MC CABE RD.	147	8	66		
1+000	- 1+052	E. APPLE CREEK RD.	76	4	34		
1+070	- 1+110	BODDE RD.	161	9	73		
1+400	- 2+240	WRIGHTSTOWN RD.	1,239	68	557		
3+265		W. SIDE OF STH 96				6	NW CORNER
3+265		W. SIDE OF STH 96				6	SW CORNER
10+00	- 10+040	KELSO RD.	59	3	27		
		DRIVEWAYS	27	2			
		MAINTENANCE CROSSOVER	140	8			
TOTALS			30,900	1,700	13,532	180	

MAINTENANCE CROSSOVERS FOR FREEWAYS

STATION		LOCATION	40714 ASPHALTIC CABC	30404 CONCRETE PAVEMENT TYPE LV
			Mg	Mg
41+349.2		USH 41	100	35
42+394		USH 41	100	35
40+812.8		USH 41	100	35
43+239		USH 41	100	35
			*	*
TOTALS			400	140

NOTE: THESE QUANTITIES ARE ALSO INCLUDED IN EACH ITEMS
SEPARATE LISTING.

PREPARATION OF FOUNDATION FOR ASPHALTIC PAVING

LOCATION		21101 LS
ASPHALT RESURFACING AREAS, EFR & WFR		1
TOTAL		1

QUALITATIVE MANAGEMENT PROGRAM SUMMARY

STATION TO STATION		LOCATION	90365 BASE COURSES	40301 ASPHALTIC MIXTURE
			Mg	Mg
1+000	- 1+100	MC CABE RD.	497	147
0+930	- 1+000	GOLDEN GLOW RD.	348	103
10+00	- 10+040	KELSO RD.	201	59
1+000	- 1+110	BODDE RD.	546	161
0+068	- 1+000	TOWN CLUB RD.	159	47
1+000	- 1+052	E. APPLE CREEK RD.	258	76
0+060	- 1+000	W. APPLE CREEK RD.	198	56
36+960	- 43+620	E. FRONTAGE RD.	43,696	13,160
43+620	- 44+293	E. FRONTAGE RD.	113	331
37+080	- 43+620	W. FRONTAGE RD.	45,797	14,133
43+620	- 44+194	W. FRONTAGE RD.	128	376
0+440	- 0+955	CTH "JJ"	2,563	757
1+400	- 2+240	WRIGHTSTOWN RD.	4,193	1,239
1+000	- 1+060	WILLIAM GRANT RD.	298	88
		MAINT. CROSSOVERS	400	140
		DRIVWAYS		27
TOTALS			99,395	30,900

CROSS DRAIN SUMMARY

STATION TO STATION		LOCATION	52005 CP CL III 600mm	52007 CP CL III 750mm	52142 CORRUGATED STEEL PIPE ARCH 1390x970mm	INLET	DISCH.	52063 APRON ENDWALLS FOR CP 600mm	52065 APRON ENDWALLS FOR CP 750mm	52476 SALVAGED APRON ENDWALLS FOR CP 900mm	52197 STEEL APRON ENDWALLS FOR PIPE ARCH, SLOPED SECTION 1390x970 mm	90005C CONSTRUCTION STAKING PIPE CULVERTS	REMARKS
			m	m	m			EACH	EACH	EACH	m	EACH	
37+167		E. FR RD, RT			9.5	*	**				1	1	EXTENSION
38+100		W. FR RD		18.4		207.5	207.4		2			1	
38+180		W. FR RD		17.0		207.7	207.6		2			1	
40+240		W. FR RD	18.0			204.5	204.0	2				1	
40+285		W. FR RD		18.0		205.1	205.0		2			1	
0+580		CTH JJ		16.8		207.4	207.3		2			1	
0+740	TO 0+800	CTH JJ, LT		60.0		208.0	207.6		2			1	
0+810		CTH JJ	22.4			208.5	208.4	2				1	
0+873		CTH JJ	22.0			209.2	209.1	2				1	
0+904		CTH JJ	22.4			210.4	210.3	2				1	
40+372		E. FR RD	20.4			205.6	205.4	2				1	
40+463		W. FR RD		3.0		205.8	205.75					1	EXTENSION
40+495		E. FR RD, LT								1			
1+017		W. GRANT RD	21.4			204.4	204.3					1	
1+550		WRIGHTSTOWN RD	20.0			203.5	203.3					1	

TOTAL 146.6 133.2 9.5 10 10 1 1 14

NOTE: * MATCH EXISTING

BEAM GUARD SUMMARY

STATION TO STATION		LOCATION	61408 STEEL PLATE BEAM GUARD, CLASS A	61435 STEEL PLATE BEAM GUARD E.A.T.	61407 STEEL THRIE BEAM STRUCTURE APPROACH	61433 ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	REMARKS
			m	EACH	m	EACH	
40+401 - 40+438		E FR RD, RT.	15.24	1	10.103		B-5-306
40+408 - 40+438		E FR RD, LT.	7.62	1	10.103		B-5-306
40+485 - 40+522		E FR RD, LT.	15.24	1	10.103		B-5-306
40+485 - 40+516		E FR RD, RT.	7.62	1	10.103		B-5-306
37+126		E FR RD, LT.		1			KELSO ROAD
37+126 - 37+221		E FR RD, LT.	72.39				KELSO ROAD
37+221		E FR RD, LT.		1			KELSO ROAD
41+800		E FR RD, LT.		1	10.103	1	S. LAWRENCE CEM
42+040 - 42+980		USH 41 SB, LT	929.64	1			GOLDEN GLOW AREA
40+401 - 40+438		W FR RD, RT.	15.24	1	10.103		B-5-305
40+408 - 40+438		W FR RD, LT.	7.62	1	10.103		B-5-305
40+485 - 40+522		W FR RD, LT.	15.24	1	10.103		B-5-305
40+485 - 40+516		W FR RD, RT.	7.62	1	10.103		B-5-305

TOTALS 1,093.47 12 90.927 1

SODDING

63101
SODDING

STATION	LOCATION	m2	REMARKS
37+147	E. FR RD @ KELSO ROAD	4.04	NE CORNER
37+147	E. FR RD @ KELSO ROAD	4.04	SE CORNER
38+158	E. FR RD @ CTH JJ	4.04	NW CORNER
38+158	E. FR RD @ CTH JJ	4.04	NE CORNER
38+158	E. FR RD @ CTH JJ	4.04	SE CORNER
38+158	E. FR RD @ CTH JJ	4.04	SW CORNER
3+265	W. SIDE OF STH 96	4.04	NW CORNER
3+265	W. SIDE OF STH 96	4.04	SW CORNER
38+127	W. FR RD @ CTH JJ	4.04	NW CORNER
38+127	W. FR RD @ CTH JJ	4.04	NE CORNER
38+127	W. FR RD @ CTH JJ	4.04	SE CORNER
38+127	W. FR RD @ CTH JJ	4.04	SW CORNER
38+516	W. FR RD @ BODDIE RD.	4.04	NE CORNER
38+516	W. FR RD @ BODDIE RD.	4.04	NW CORNER
40+274	W. FR RD @ WRIGHTSTOWN RD.	4.04	NW CORNER
40+274	W. FR RD @ WRIGHTSTOWN RD.	4.04	NE CORNER
40+274	W. FR RD @ WRIGHTSTOWN RD.	4.04	SE CORNER
40+274	W. FR RD @ WRIGHTSTOWN RD.	4.04	SW CORNER
40+369	W. FR RD @ MC CABE RD.	4.04	NW CORNER
40+369	W. FR RD @ MC CABE RD.	4.04	NE CORNER
40+392	E. FR RD @ WRIGHTSTOWN RD.	4.04	NW CORNER
40+392	E. FR RD @ WRIGHTSTOWN RD.	4.04	SE CORNER
40+392	E. FR RD @ WRIGHTSTOWN RD.	4.04	SW CORNER
40+392	E. FR RD @ WRIGHTSTOWN RD.	4.04	NE CORNER
40+770	W. FR RD, LT	4.04	
41+880	E. FR RD, RT	4.04	
42+657	E. FR RD @ GOLDEN GLOW RD.	4.04	NE CORNER
42+657	E. FR RD @ GOLDEN GLOW RD.	4.04	SE CORNER
43+029	W. FR RD @ WILLIAM GRANT RD.	4.04	NW CORNER
43+029	W. FR RD @ WILLIAM GRANT RD.	4.04	SW CORNER

TOTALS 121

MISCELLANEOUS QUANTITIES

HWY: USH 41

COUNTY: OUTAGAMIE

STATE PROJECT NO: 1131-08-82

SHEET NO: 3D

M

FILE NAME: W:\USB\1131-08-82\ESTIMATE

ORIGINATOR: P. DENEYS

ORIG. DATE: 7-30-99

REV. DATE: 12-14-99

CONCRETE CURB AND GUTTER AND CONSTR. STAKING, CURB, GUTTER, CURB AND GUTTER SUMMARY

		60133 CONCRETE CURB & GUTTER TYPE D, 750 mm	60170 CONCRETE CURB & GUTTER TYPE D, 900 mm	90001D CONSTRUCTION STAKING CURB, GUTTER, CURB AND GUTTER	REMARKS
STATION	STATION	LOCATION	m	m	
40+160	40+160	E. FR RD, RT	80	80	
38+158		E. FR RD @ CTH JJ	22	22	NE CORNER
38+158		E. FR RD @ CTH JJ	18	18	NW CORNER
38+158		E. FR RD @ CTH JJ	20	20	SE CORNER
38+158		E. FR RD @ CTH JJ	24	24	SW CORNER
42+657		E. FR RD @ GOLDEN GLOW RD.	18	18	NE CORNER
42+657		E. FR RD @ GOLDEN GLOW RD.	28	28	SE CORNER
37+147		E. FR RD @ KELSO RD	26	26	NE CORNER
37+147		E. FR RD @ KELSO RD	22	22	SE CORNER
40+392		E. FR RD @ WRIGHTSTOWN RD.	22	22	NW CORNER
40+392		E. FR RD @ WRIGHTSTOWN RD.	18	18	SE CORNER
40+392		E. FR RD @ WRIGHTSTOWN RD.	20	20	SW CORNER
40+392		E. FR RD @ WRIGHTSTOWN RD.	20	20	NE CORNER
41+880 TO	41+760	E. FR RD, RT	120	120	
3+265		STH 96 @ CTH JJ	24	24	NW CORNER
3+265		STH 96 @ CTH JJ	24	24	SW CORNER
40+810		W. FR RD @ APPLE CREEK RD.	20	20	NW CORNER
40+810		W. FR RD @ APPLE CREEK RD.	28	28	SW CORNER
38+516		W. FR RD @ BODDE RD.	40	40	NE CORNER
38+516		W. FR RD @ BODDE RD.	18	18	NW CORNER
38+127		W. FR RD @ CTH JJ	18	18	NW CORNER
38+127		W. FR RD @ CTH JJ	32	32	NE CORNER
38+127		W. FR RD @ CTH JJ	20	20	SE CORNER
38+127		W. FR RD @ CTH JJ	25	25	SW CORNER
42+580		W. FR RD @ GOLDEN GLOW RD.	22	22	NW CORNER
42+580		W. FR RD @ GOLDEN GLOW RD.	26	26	SW CORNER
40+369		W. FR RD @ MC CABE RD.	20	20	NW CORNER
40+369		W. FR RD @ MC CABE RD.	24	24	NE CORNER
43+029		W. FR RD @ WILLIAM GRANT RD.	32	32	NW CORNER
43+029		W. FR RD @ WILLIAM GRANT RD.	16	16	SW CORNER
40+274		W. FR RD @ WRIGHTSTOWN RD.	16	16	NW CORNER
40+274		W. FR RD @ WRIGHTSTOWN RD.	25	25	NE CORNER
40+274		W. FR RD @ WRIGHTSTOWN RD.	22	22	SE CORNER
40+274		W. FR RD @ WRIGHTSTOWN RD.	26	26	SW CORNER
40+770 TO	40+888	W. FR RD, LT	110	110	
TOTALS			310	736	1,046

GEOTEXTILE FABRIC SUMMARY

		64501 TYPE SAS	REMARKS
STATION TO STATION	LOCATION	m2	
1+460	1+880 WRIGHTSTOWN ROAD	2,814	E.B.S. AREA
40+100	40+350 W. FRONTAGE ROAD	1,675	E.B.S. AREA
40+300	40+400 E. FRONTAGE ROAD	670	E.B.S. AREA
TOTAL		5,159	

MEDIUM RANDOM RIPRAP

		60604 MEDIUM RANDOM RIPRAP	64505 GEOTEXTILE FABRIC TYPE R	REMARKS
STATION TO STATION	LOCATION	m3	m2	
1+380 TO	1+680 WRIGHTSTOWN RD.	690	1,800	LT DITCH
1+700 TO	1+740 WRIGHTSTOWN RD.	92	240	LT DITCH
1+820 TO	1+880 WRIGHTSTOWN RD.	138	360	LT DITCH
1+560 TO	1+660 WRIGHTSTOWN RD.	230	600	RT DITCH
1+680 TO	1+740 WRIGHTSTOWN RD.	138	360	RT DITCH
1+810 TO	1+880 WRIGHTSTOWN RD.	162	420	RT DITCH
TOTAL		1,450	3,780	

CONCRETE BARRIER, DOUBLE FACED

		60303 CONCRETE BARRIER DOUBLE FACED	90001E CONSTRUCTION STAKING, CONCRETE BARRIER
STATION	STATION	LOCATION	m
41+816 TO	42+100	E. FRONTAGE ROAD LT	284
TOTALS			284

LANDSCAPE SUMMARY

		62505 SALVAGED TOPSOIL	63009 SEED #20	63010 SEED #30	63003 SEED TEMPORARY	63013 SEED #60	62905 FERTILIZER TYPE B	62703 MULCH
STATION TO STATION	LOCATION	m2	kg	kg	kg	kg	kg	Mg
36+960 -	37+720 E.FRONTAGE ROAD RT<	10,644	57	69	54		373	6.0
39+120 -	42+160 E.FRONTAGE ROAD RT<	11,714	87	59	59		410	6.6
38+160 -	38+520 W.FRONTAGE ROAD RT<	8,496	78	33	42		297	4.7
40+040 -	40+520 W.FRONTAGE ROAD RT<	9,996	84	44	50		350	5.6
41+040 -	41+640 W.FRONTAGE ROAD RT<	10,316	72	55	107		361	5.7
0+440 -	0+920 CTH JJ RT<	7,166	43	43	36		251	4.0
1+400 -	2+240 WIGHTSTOWN ROAD RT<	24,132	246	77	121		845	13.4
	UNDISTRIBUTED		167	95	117		722	11.5
	WETLAND MITIGATION	90,000	194	102	133	450	809	12.9
TOTAL		172,464	1,029	577	718	450	4,417	70.4

MISCELLANEOUS QUANTITIES

HWY: USH 41

COUNTY: OUTAGAMIE

STATE PROJECT NO: 1131-08-82

SHEET NO: 3E

M

FILE NAME: W:\USB\1131-08-82\ESTIMATE

ORIGINATOR: P. DENEYS

ORIG. DATE: 7-30-99

REV. DATE: 12-14-99

EROSION CONTROL SUMMARY

		62811		62812		62815		62816		62817		62832		62833	
		EROSION BALES		SILT FENCE		EROSION MAT		CLASS II, TYPE B							
STATION TO STATION		LOCATION		DELIVERED		INSTALLED		DELIVERED		INSTALLED		MAINT.		DELIVERED	
				EACH		EACH		m		m		m		m2	
36+960		E FR RD, LT. & RT.				20	20		5						
36+980		E FR RD, LT. & RT.		10	10										
37+180	- 37+280	E FR RD, LT.												360	360
37+180	- 37+280	E FR RD, RT.				100	100		25						
38+124		E FR RD, LT. & RT.				20	20		5						
38+940		E FR RD, LT. & RT.				20	20		5						
38+940	- 39+440	E FR RD, LT.												1,800	1,800
38+940	- 39+270	E FR RD, RT.												1,188	1,188
38+950		E FR RD, LT. & RT.		10	10										
39+310	- 39+440	E FR RD, RT.												468	468
40+710		E FR RD, LT. & RT.				20	20		5						
40+720		E FR RD, LT. & RT.		10	10										
41+890		E FR RD, LT. & RT.				20	20		5						
42+680		E FR RD, LT. & RT.				20	20		5						
43+540		E FR RD, LT. & RT.				20	20		5						
38+238		W FR RD, RT.		5	5										
38+320	- 38+500	W FR RD, LT.				200	200		50						
41+040		W FR RD, LT. & RT.				20	20		5						
41+060		W FR RD, LT. & RT.		10	10										
42+060		W FR RD, LT. & RT.				20	20		5						
42+900		W FR RD, LT. & RT.				20	20		5						
42+920		W FR RD, LT. & RT.		10	10										
43+540		W FR RD, LT. & RT.				20	20		5						
00+411		CTH JJ, LT. & RT.				20	20		5						
00+440		CTH JJ, LT. & RT.		10	10										
00+720		CTH JJ, RT.		5	5										
00+800	- 00+840	CTH JJ, LT. & RT.												288	288
00+810	-	CTH JJ, RT.		5	5										
00+870	- 00+890	CTH JJ, LT. & RT.												144	144
00+880		CTH JJ, LT.		5	5										
01+410		WRIGHTSTOWN RD, LT. & RT.				20	20		5						
01+430		WRIGHTSTOWN RD, LT. & RT.		10	10										
01+520	- 01+600	WRIGHTSTOWN RD, LT. & RT.												576	576
01+700	- 01+740	WRIGHTSTOWN RD, LT. & RT.												288	288
01+960	- 02+080	WRIGHTSTOWN RD, LT. & RT.												864	864
02+160		WRIGHTSTOWN RD, LT. & RT.		10	10										
02+190		WRIGHTSTOWN RD, LT. & RT.				20	20		5						
10+035		KELSO ROAD, LT. & RT.				20	20		5						
00+960		TOWN CLUB RD, LT. & RT.				20	20		5						
00+060		APPLE CREEK RD, LT. & RT.				20	20		5						
01+036		APPLE CREEK RD, LT.		5	5										
01+060		APPLE CREEK RD, LT. & RT.				20	20		5						
01+014		WILLIAM GRANT RD, RT.		5	5										
		UNDISTRIBUTED		28	28	165	165		41					1494	1494
TOTALS				138	138	825	825		206					7,470	7,470

SAWING EXISTING PAVEMENT

		66501	
STATION	LOCATION	m	
36+960	EFR @ CTH 00	7	
10+057	KELSO ROAD	6	
0+412	CTH JJ	6	
0+968	TOWN CLUB ROAD	6	
1+036	APPLE CREEK DRIVE	6	
1+052	APPLE CREEK DRIVE	6	
1+060	WILLIAM GRANT ROAD	6	
1+080	MC CABE ROAD	6	
1+380	WRIGHTSTOWN ROAD	6	
2+270	WRIGHTSTOWN ROAD	6	
3+200	STH 96	6	
3+270	STH 96 3m LT	158	
3+310	STH 96	6	
3+410	STH 96 6m LT	40	
3+410	STH 96 36m LT	36	
37+120	USH 41 SB RT	30	
38+685	EFR 3m LT	22	
39+345	USH 41 SB RT	66	
40+820	USH 41 SB RT	80	
40+820	USH 41 NB LT	80	
40+820	USH 41 NB RT	180	
41+500 TO 41+700	USH 41 SB RT	200	
42+090	USH 41 SB LT	106	
42+090	USH 41 SB RT	26	
42+090	USH 41 NB LT	92	
42+090	USH 41 NB RT	90	
42+610	USH 41 SB RT	54	
42+610	USH 41 NB LT	42	
42+630	USH 41 NB RT	50	
44+194	W. FR RD	7	
43+293	W. FR RD	7	
TOTAL		1,438	

SAW CONCRETE PAVEMENT, FULL DEPTH

		66502	
STATION	LOCATION	m	
37+666	E. FRONTAGE RD.	7.5	
38+124	E. FRONTAGE RD.	7.5	
38+200	E. FRONTAGE RD.	7.5	
38+940	E. FRONTAGE RD.	7.5	

TOTAL 30.0

MISCELLANEOUS QUANTITIES

HWY: USH 41

COUNTY: OUTAGAMIE

STATE PROJECT NO: 1131-08-82

SHEET NO: 3F

M

FILE NAME: W:\USB\1131-08-82\ESTIMATE

ORIGINATOR: P. DENEYS

ORIG. DATE: 7-30-99

REV. DATE: 12-14-99

TRAFFIC CONTROL SUMMARY

		APPROXIMATE		64310		64313		64318		64321		64326		
		SERVICE	ARROW BOARD	DRUMS		BARRICADES		WARNING LIGHTS		SIGN				
		PERIOD	NO. IN	NO. IN		TYPE III		TYPE A		NO. IN		NO. IN		
STATION	LOCATION	DAYS	SERVICE	DAYS	ERVICE	DAYS	SERVICE	DAYS	SERVICE	DAYS	SERVICE	DAYS	REMARKS	
37+080	W FR RD	170					7	1,190	13	2,210	6	1,020	MAINLINE CLOSURE*	
42+965	W FR RD	170					5	850	6	1,020	5	850	SIDEROAD CLOSURE*	
39+825	W FR RD (NORTH OF CTH U)	170					5	850	6	1,020	5	850	SIDEROAD CLOSURE*	
43+580	W FR RD	170					7	1,190	13	2,210	6	1,020	MAINLINE CLOSURE*	
36+960	E FR RD	170					7	1,190	13	2,210	6	1,020	MAINLINE CLOSURE*	
43+620	E FR RD	170					7	1,190	13	2,210	6	1,020	MAINLINE CLOSURE*	
	BODDE RD	170					7	1,190	13	2,210	6	1,020	MAINLINE CLOSURE*	
	APPLE CREEK RD, WEST	170					7	1,190	13	2,210	6	1,020	MAINLINE CLOSURE*	
	APPLE CREEK RD, EAST	170					7	1,190	13	2,210	6	1,020	MAINLINE CLOSURE*	
	WILLIAM GRANT RD	170					7	1,190	13	2,210	6	1,020	MAINLINE CLOSURE*	
	KELSO RD	170					7	1,190	13	2,210	6	1,020	MAINLINE CLOSURE*	
	TOWN CLUB RD	170					7	1,190	13	2,210	6	1,020	MAINLINE CLOSURE*	
	GOLDEN GLOW RD	170					7	1,190	13	2,210	6	1,020	MAINLINE CLOSURE*	
	STH 96	170					5	850	6	1,020	5	850	SIDEROAD CLOSURE*	
	E.& W.FRONTAGE ROADS	170	2	340	25	4,250	1	170	16	2,720	9	1,530	LANE CLOSURES	
TOTAL				340		4,250		15,810		30,090		15,300		

* REFER TO STANDARD DETAIL DRAWING 15C 2-3.

WEIR PLATE

LOCATION		90005E
		EACH
BERM	WETLAND MITIGATION SITE	1
TOTAL		1

PAVEMENT MARKING, PAINT SUMMARY

STATION TO STATION	LOCATION	64601		64617		64701	
		100mm PAINT CENTER-LINE m	100mm PAINT EDGELINE m	CHANNELIZING 200mm PAINT WHITE m	RAILROAD CROSSING PAINT WHITE EACH		
0+411.73 TO 0+955.82	CTH JJ	920	920	120	2		
1+371.60 TO 2+286.00	WRIGHTSTOWN ROAD	1,670	1,670	120			
SUBTOTAL		2,590	2,590				
TOTAL			5,180	240	2		

REMOVING TEMPORARY AND MEDIAN CROSS-OVERS

STATION	LOCATION	90005A		90005B	
		REMOVING TEMPORARY CROSS-OVERS EACH		REMOVING MEDIAN CROSS-OVERS EACH	
39+725	USH 41 MEDIAN			1	
40+700 TO 41+000	USH 41 NB RT	1			
40+905	USH 41 MEDIAN			1	
41+085	USH 41 MEDIAN			1	
41+295	USH 41 MEDIAN			1	
41+515	USH 41 MEDIAN			1	
41+650	USH 41 MEDIAN			1	
41+830	USH 41 MEDIAN			1	
42+085	USH 41 MEDIAN			1	
42+600	USH 41 SB LT			1	
42+615	USH 41 MEDIAN			1	
42+620	USH 41 MEDIAN			1	
TOTAL			1		11

CONSTRUCTION STAKING SUMMARY

STATION TO STATION		LOCATION	90001A INITIAL LAYOUT m	90001B SUBGRADE m	90001C CRUSHED AGG. BASE COURSE m	90001F RESURFACING REFERENCE m
37+080.00	- 37+420.00	W FR RD	340.0	340.0	340.0	
37+420.00	- 37+662.78	W FR RD			242.8	
37+678.69	- 38+126.81	W FR RD			448.1	
38+108.71	- 38+175.00	W FR RD			66.3	
38+175.00	- 38+510.00	W FR RD	335.0	335.0	335.0	
38+510.00	- 39+591.37	W FR RD			1,081.4	
39+601.14	- 40+040.00	W FR RD			438.9	
40+040.00	- 40+274.46	W FR RD	234.5	234.5	234.5	
40+261.62	- 40+390.00	W FR RD	128.4	128.4	128.4	
40+390.00	- 40+811.69	W FR RD			421.7	
40+820.06	- 42+187.07	W FR RD			1,367.0	
42+182.86	- 42+970.00	W FR RD			787.1	
39+802.16	- 40+441.80	W FR RD			639.6	
40+482.60	- 41+140.00	W FR RD			657.4	
41+140.00	- 41+510.00	W FR RD	370.0	370.0	370.0	
41+510.00	- 42+060.00	W FR RD			550.0	
42+060.00	- 42+110.00	W FR RD	50.0	50.0	50.0	
42+110.00	- 42+900.00	W FR RD				790.0
42+900.00	- 43+000.00	W FR RD	100.0	100.0	100.0	
43+540.00	- 43+620.00	W FR RD	80.0	80.0	80.0	
43+620.00	- 44+194.00	W FR RD				574.0
36+960.00	- 37+720.00	E FR RD	760.0	760.0	760.0	
38+940.00	- 39+588.91	E FR RD	648.9	648.9	648.9	
39+584.02	- 39+600.00	E FR RD	16.0	16.0	16.0	
39+600.00	- 40+329.00	E FR RD			729.0	
40+329.00	- 40+391.62	E FR RD	62.6	62.6	62.6	
40+358.52	- 40+823.56	E FR RD			465.0	
40+820.06	- 42+954.05	E FR RD			2,134.0	
39+795.00	- 40+441.80	E FR RD			646.8	
40+482.60	- 41+889.00	E FR RD			1,406.4	
41+889.00	- 42+094.00	E FR RD	205.0	205.0	205.0	
42+094.00	- 42+278.28	E FR RD			184.3	
42+277.40	- 43+560.00	E FR RD			1,282.6	
43+560.00	- 43+620.00	E FR RD	60.0	60.0	60.0	
43+620.00	- 44+293.00	E FR RD				673.0
0+440.00	- 0+955.82	CTH JJ	515.8	515.8	515.8	
1+400.00	- 2+240.00	WRIGHTSTOWN RD	840.0	840.0	840.0	
1+000.00	- 1+110.00	BODDE RD	110.0	110.0	110.0	
1+000.00	- 1+100.00	MC CABE RD	100.0	100.0	100.0	
0+060.00	- 1+000.00	APPLE CREEK RD, WEST	40.0	40.0	40.0	
1+000.00	- 1+052.00	APPLE CREEK RD, EAST	52.0	52.0	52.0	
1+000.00	- 1+060.00	WILLIAM GRANT RD	60.0	60.0	60.0	
10+000.00	- 10+040.42	KELSO RD	40.4	40.4	40.4	
0+068.00	- 1+000.00	TOWN CLUB RD	32.0	32.0	32.0	
0+930.00	- 1+000.00	GOLDEN GLOW RD	70.0	70.0	70.0	
TOTAL			5,250.6	5,250.6	18,799.0	2,037.0

NOTE: SEE CONCRETE CURB & GUTTER SUMMARY FOR ITS STAKING QUANTITIES.
SEE CONCRETE BARRIER, DOUBLE FACE SUMMARY FOR ITS STAKING QUANTITIES.

REMOVING TEMPORARY PE AND
F.E. CONNECTORS

90005D

STATION	LOCATION	EACH
39+590	E. FR RD, LT	1
40+190	E. FR RD, LT	1
40+310	E. FR RD, LT	1
40+905	E. FR RD, LT	1
41+080	E. FR RD, LT	1
41+085	E. FR RD, LT	1
41+125	E. FR RD, LT	1
41+295	E. FR RD, LT	1
41+655	E. FR RD, LT	1
41+725	E. FR RD, LT	1
43+030	E. FR RD, LT	1
43+240	E. FR RD, LT	1
43+385	E. FR RD, LT	1
39+340	W. FR RD, RT	1
39+725	W. FR RD, RT	1
39+860	W. FR RD, RT	1
40+905	W. FR RD, RT	1
41+440	W. FR RD, RT	1
41+550	W. FR RD, RT	1
41+640	W. FR RD, RT	1
41+845	W. FR RD, RT	1
43+239	W. FR RD, RT	1

TOTALS 22