

LIST OF STANDARD ABBREVIATIONS

ABUT.	ABUTMENT
AGG.	AGGREGATE
AH.	AHEAD
APPROX.	APPROXIMATE
A.P.W.	APPROXIMATE
ASPH.	ASPHALT
AZ.	AVERAGE
AZ.MUTH	AVERAGE DAILY TRAFFIC
BK.	BACK
BEG.	BEGIN
B.M.	BENCHMARK
C.	CENTER
CONC.	CONCRETE
CONST.	CONSTRUCTION
CO.	COUNTY
C.T.H.	COUNTY TRUNK HIGHWAY
C.SEC.	CROSS SECTION
CR.	CRUSHED
C.F.S.	CUBIC FEET/SECOND
C.Y.	CUBIC YARD
CU.	CULVERT
CU. YD.	CULVERT PIPE
C.V.	CURB
D.O.T.	DEPARTMENT OF TRANSPORTATION
D.H.V.	DESIGN HOUR VOLUME
DIA.	DIAMETER
DISCH.	DIRECTIONAL DISTRIBUTION
DISCH. OR DIS.	EACH
ELEV.	ELEVATION
EL. OR ELEV.	ELEVATION
EMB.	EMBANKMENT
EXC.	EXCAVATION
EXIST.	EXISTING
FERT.	FERTILIZE
F.F.	FIELD ENTRANCE
FIN.	FINISHED
F.L.	FLOW LINE
GA.	GAUGE
HORIZ.	HORIZONTAL
IN.	INCH
INT.	INTERSECTION
L.T.	LEFT
L.H.F.	LEFT-HAND FORWARD
LIN.	LINEAR
LIN. FT.	LINEAR FOOT
L.S.	LUMP SUM
M.A.	MILE
M.I.	MILE
MISC.	MISCELLANEOUS
N.E.	NORTH EAST
N.W.	NORTH WEST
N.W.T.	PAVEMENT
P.C.	POINT OF CURVATURE
P.I.	POINT OF INTERSECTION
P.O.T.	POINT OF TANGENCY
P.O.T.	POINT ON TANGENT
P.	POUND
P.	PROJECT
PROJ.	PROJECT
R.	RANGE
REQ'D	REQUIRED
R.T.	RIGHT
R.H.F.	RIGHT-HAND FORWARD
R/W	RIGHT OF WAY
RD.	ROAD
SHR.	SHRINKAGE
SLO.	SLOPE
STD.	STANDARD
S.D.D.	STATE DETAIL DRAWINGS
S.T.H.	STATE TRUNK HIGHWAY
STA.	STATION
S.P.P.A.	STRUCTURAL PLATE PIPE ARCH
STRUCT.	STRUCTURE
TELE.	TELEPHONE
T.N.	TOWN
TRUCKS	TRUCKS (PERCENT OF)
UNCL.	UNCLASSIFIED
U.S.	UNITED STATES
V.	VELOCITY
V.C.	VELOCITY OR DESIGN SPEED
V.C.	VERTICAL CURVE

UTILITIES

RICK PODOLAK
AT&T WISCONSIN - ENGINEERING
304 S. DEWEY ST
EAU CLAIRE, WI 54701
(715) 839-5801

DARREN NOROSKOG
XCEL ENERGY - ELECTRIC
1201 LIVINGSTONE ROAD
HUDSON, WI 54036
(715) 386-4798

ROB DOOLEY
ST. CROIX ELECTRIC COOPERATIVE - ELECTRIC
1925 RIDGEWAY ST
HAMMOND, WI 54015
(715) 796-7000

MIDWEST NATURAL GAS
611 SHAY STREET
SOMERSET, WI 54025
(715) 247-5279

WISCONSIN DOT

DEPARTMENT OF TRANSPORTATION
NORTH WEST REGION
718 WEST CLAREMONT AVE
EAU CLAIRE, WI 54701
ATTN: TIMOTHY MASON
(715) 833-5386

MINNESOTA DOT

DEPARTMENT OF TRANSPORTATION
CENTRAL OFFICE
395 JOHN IRELAND BLVD
ST. PAUL, MN 55555-1899
ATTN: PAUL KIVISTO
(650) 366-4306

WISCONSIN DNR - LIASON

DEPARTMENT OF NATURAL RESOURCES
WEST CENTRAL REGION
1300 WEST CLAREMONT AVE
EAU CLAIRE, WI 54701
ATTN: CHRIS WILLGER
(715) 839-1609

ST. CROIX COUNTY HIGHWAY DEPARTMENT

TIM RAMBERG, HIGHWAY COMMISSIONER
ST. CROIX COUNTY HIGHWAY DEPARTMENT
920 THIRD STREET
PO BOX 108
HAMMOND, WI 54015
(715) 796-2227

GENERAL NOTES

ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO THE US&GS DATUM.
EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY GRUBBING OR TOPSOIL STRIPPING OPERATIONS.
NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL DIGGERS HOTLINE PRIOR TO BEGINNING WORK OPERATIONS.
THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE.
THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE SALVAGE TOPSOILED, FERTILIZED, SEEDED, AND MULCHED AS DIRECTED BY THE ENGINEER.
A VERTICAL SAWCUT SHALL BE MADE THROUGH EXISTING PAVEMENTS AT REMOVAL LIMITS.
DRILLED DOWEL BARS ARE REQUIRED AT CONSTRUCTION JOINTS.
REMOVAL OF GRAVEL DRIVEWAY AND APRONS SHALL BE PAID FOR AS COMMON EXCAVATION.
THE LOCATION OF DRIVEWAYS WILL BE DETERMINED BY THE ENGINEER.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE BUT IS MEASURED AND PAID FOR AS COMMON (OR ROCK) EXCAVATION.

WHERE SOFT SILTS ARE ENCOUNTERED AND NOT EXCAVATED BELOW SUBGRADE, THE ROADWAY SHALL BE BUILT FROM SLOPE INTERCEPT TO SLOPE INTERCEPT IN A CONTINUOUS GRADING OPERATION, CONSTRUCTION OF THE ROAD CORE (H+V) FIRST WITH SLOPES CONSTRUCTED LATER WILL NOT BE ACCEPTED UNLESS OTHERWISE APPROVED BY THE ENGINEER IN THE FIELD.

ALL REINFORCED CONCRETE PIPE AND STORM SEWER PIPE SHALL HAVE THE END SECTIONS TIED TOGETHER. THE TIE SHALL CONSIST OF A MINIMUM OF 12-FOOT OF PIPE PLUS AEW. THE EXACT NUMBER OF TIES ARE CONTAINED IN THE MISCELLANEOUS QUANTITIES SHEETS.

WHEN THE QUANTITY OF ITEMS OF BASE AGGREGATE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OF COURSES SHALL BE MEASURED IN THE FIELD AND APPROXIMATE. THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF MATERIALS DIRECTED BY THE ENGINEER.

4-INCH HMA PAVEMENT SHALL BE CONSTRUCTED IN 2 LAYERS: 2.0-INCH (LOWER) AND 2-INCH (UPPER).
5.5-INCH HMA PAVEMENT SHALL BE CONSTRUCTED IN 3 LAYERS: 2.0-INCH (LOWER), 1.75-INCH (MIDDLE) AND 1.75-INCH (UPPER).
6.75-INCH HMA PAVEMENT SHALL BE CONSTRUCTED IN 3 LAYERS: 2.75-INCH (BOTTOM), 2.25-INCH (MIDDLE) AND 1.75-INCH (UPPER).
BACKFILL FOR THE AREA BEHIND THE CURB AND GUTTER SHALL BE INCIDENTAL.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

ORDER OF SHEETS
SECTION NO. 2

- GENERAL NOTES: UTILITIES, ABBREVIATIONS
- PROJECT OVERVIEW
- EXISTING TYPICAL SECTIONS
- FINISHED TYPICAL SECTIONS
- PAVEMENT OVERVIEW
- CONSTRUCTION DETAILS
- EROSION CONTROL DETAILS
- SUPER ELEVATION DETAILS
- CONTOUR MAPS
- MATCHLINES
- EROSION CONTROL
- STORM SEWER
- EXISTING SIGN REMARKS
- PERMANENT SIGNING
- ADVANCED WARNING
- LIGHTING PLAN
- TRAFFIC MARKING
- TRAFFIC CONTROL
- DETOUR PLAN
- ALIGNMENT DETAILS



Dial 811 or (800)242-8511
www.DiggersHotline.com

PROJECT NO: 8110-02-72

HWY: STH 64

COUNTY: ST. CROIX

GENERAL NOTES, UTILITIES, ABBREVIATIONS

SHEET 2

E

NOTE: NO HAULING WILL BE ALLOWED ACROSS STH 64 LANES WITH LIVE TRAFFIC. HAUL VEHICLES SHALL USE THE CTH V INTERCHANGE AND/OR THE WESTBOUND OUTSIDE LANE TO MAKE RIGHT TURNS ONLY INTO THE WASTE SITE. REFERENCE ARTICLE 9 HAULING RESTRICTIONS.

WISDOT WASTE SITE (APPROXIMATELY 13.8 ACRES) REFERENCE ARTICLE 11 NOTICE TO CONTRACTOR: WASTE SITE LOCATIONS. CURRENT CONTOURS NOT AVAILABLE.

CROSSOVER

150TH AV.

CAMP ROAD
ANDERSON SCOUT

ST. CROIX RIVER

HOULTON

THELEN FARM TR.

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

CTH E

Addendum No. 1
ID 8110-02-72
Revised Sheet 41
November 26, 2014

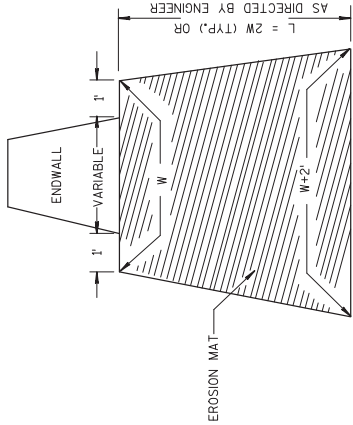
WISDOT OWNED LAND. MAY BE USED FOR HAUL ROAD. REFERENCE ARTICLE 9 HAULING RESTRICTIONS AND ARTICLE 11 NOTICE TO CONTRACTOR: WASTE SITE LOCATIONS.

STH 64
STH 64-71 GRADING PROJECT
STA 130+70 - 200+00

WISDOT WASTE SITE (APPROXIMATELY 13.8 ACRES) REFERENCE ARTICLE 11 NOTICE TO CONTRACTOR: WASTE SITE LOCATIONS. USED FOR 810-02-71 CONSTRUCTION. CURRENT CONTOURS AND AVAILABLE WASTE/BORROW QUANTITIES ARE NOT AVAILABLE.

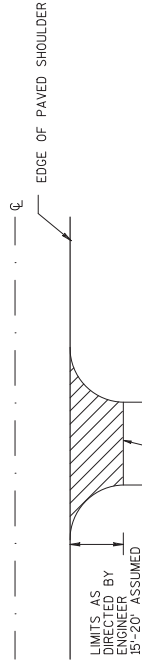
NOTE: CONTRACTORS HAUL VEHICLES WILL NOT BE ALLOWED USE OF STH 35, STH 64 OR THE INTERCHANGE CONSTRUCTED UNDER THIS PROJECT. CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING AND INSTALLING AGGREGATE BASE HAS BEEN INSTALLED. CONTRACTORS MAY HAUL ACROSS (PERPENDICULAR TO) THE ROADWAY. ALL MAINTENANCE, DAMAGE AND REPAIR SHALL BE THE CONTRACTORS RESPONSIBILITY.





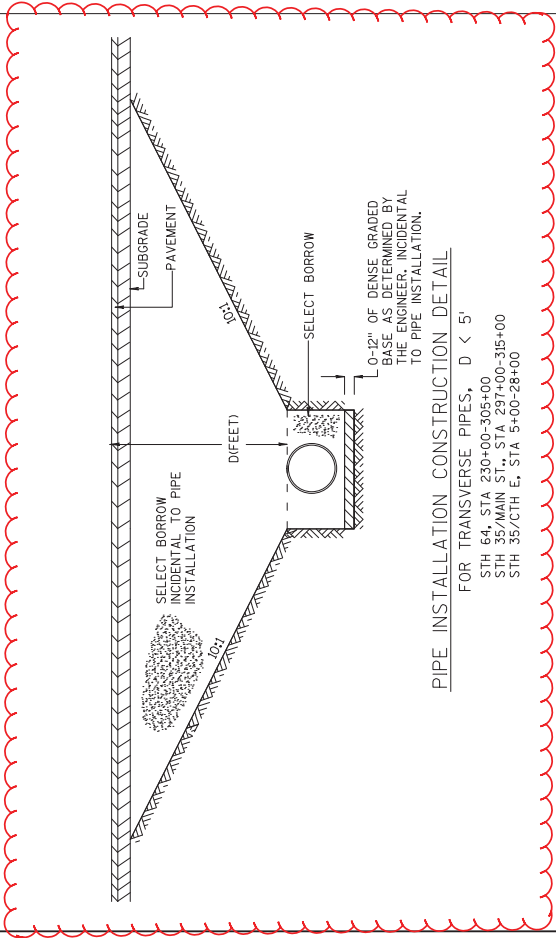
EROSION MAT TREATMENT AT CULVERTS

RURAL DRIVEWAY DETAIL - ASPHALT



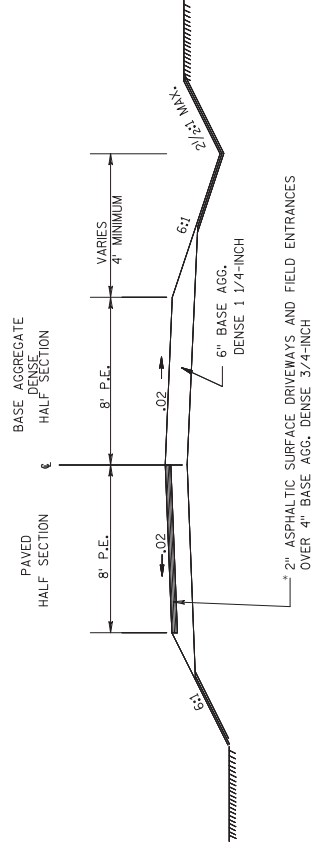
PAID UNDER ITEM - "ASPHALTIC SURFACE - DRIVEWAYS AND FIELD ENTRANCES" WHICH SHALL INCLUDE ANY REMOVAL AND SHAPING NECESSARY TO COMPLETE THIS AREA. ANY ADDITIONAL AGGREGATE SHALL BE PAID UNDER ITEM "BASE AGGREGATE DENSE, 3/4-INCH." ANY SAW CUT REQUIRED SHALL BE PAID UNDER ITEM "SAWING ASPHALT."

Addendum No. 1
ID 8110-02-72
Revised Sheet 43
November 26, 2014



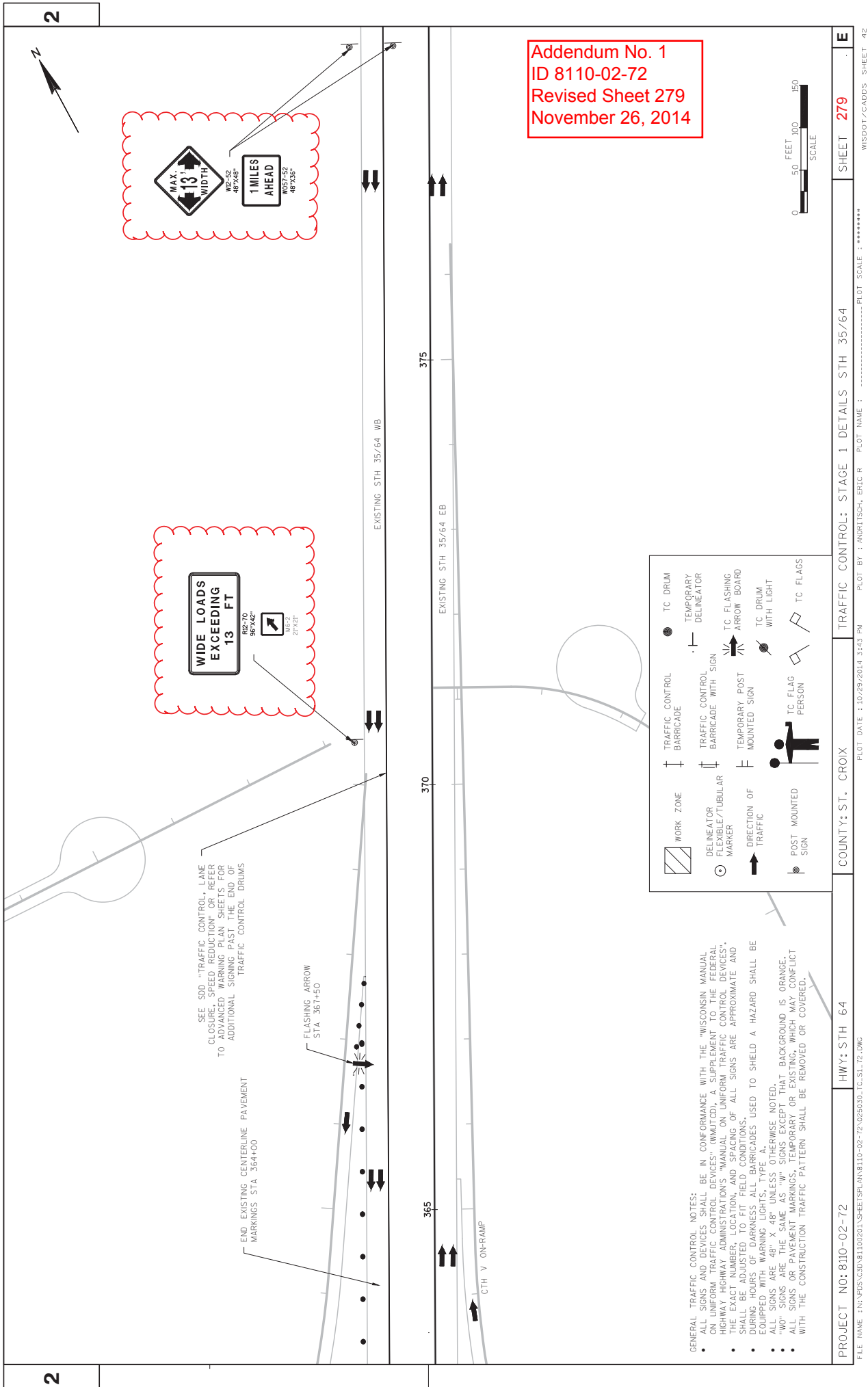
PIPE INSTALLATION CONSTRUCTION DETAIL

FOR TRANSVERSE PIPES, $D < 5'$
STH 64 STA 230+00-305+00
STH 65 STA 297+00-315+00
STH 35/CTH E, STA 5+00-28+00



NOTE:
DRIVEWAY PROFILES NOT EXPECTED TO EXCEED 10% PLACE LOW POINT OF DRIVEWAY PROFILE OVER DITCH FLOW LINE.

TYPICAL SECTION
FOR PRIVATE ENTRANCES



201.0105 CLEARING		201-CLEAR-GRUB			
201.0205 GRUBBING					
CATEGORY	STATION TO	STATION	LOCATION	CLEARING 201.0105	GRUBBING 201.0205
0010	200+00	- 212+00	STH 64 EB	12	12
0010	200+00	- 212+00	STH 64 WB	12	12
0010	228+00	- 229+00	STH 64 WB	1	1
0010	229+00	- 230+00	STH 64 EB	1	1
0010	235+00	- 236+00	SETTLERS WAY	1	1
0010	243+00	- 244+00	STH 64 EB	1	1
0010	243+00	- 244+00	STH 64 WB	1	1
0010	243+00	- 244+00	FRONTAGE ROAD B	1	1
0010	244+00	- 257+00	STH 64 EB	13	13
0010	257+00	- 258+00	STH 64 WB	1	1
0010	257+00	- 258+00	FRONTAGE ROAD B	1	1
0010	262+00	- 263+00	STH 64 WB	1	1
0010	262+00	- 263+00	FRONTAGE ROAD B	1	1
0010	267+00	- 268+00	STH 64 WB	1	1
0010	267+00	- 268+00	STH 64 EB	1	1
0010	270+00	- 277+00	STH 64 WB	7	7
0010	278+00	- 285+00	STH 64 WB	7	7
0010	222+00	- 223+00	FRONTAGE ROAD A	1	1
0010	230+00	- 231+00	FRONTAGE ROAD A	1	1
0010	243+00	- 247+00	FRONTAGE ROAD A	4	4
0010	9+00	- 13+00	SCHOOL ROAD	4	4
0010	17+00	- 19+00	CTH E/STH 35	2	2
0010	32+00	- 34+00	CTH E/STH 35	2	2
0010	46+00	- 47+00	CTH E/STH 35	1	1
TOTAL 0010				79	79

REMOVING SMALL PIPE CULVERTS

203.0100 EACH		SIZE, TYPE, LENGTH	
CATEGORY	STATION	LOCATION	SIZE, TYPE, LENGTH
0010	224+50	FRONTAGE ROAD A	1 18" CMCP @ 33'
0010	265+50	STH 64 EB	1 18" CMCP @ 27'
0010	270+75	STH 64 WB	1 18" CMCP @ 22'
0010	40+00	CTH E	1 18" CMCP @ 35'
0010	46+20	CTH E	1 24" CMCP @ 48'
0010	49+75	CTH E	1 18" CMCP @ 124'
0010	52+75	CTH E	1 18" CMCP @ 27'
0010	54+50	CTH E	1 18" CMCP @ 34'
0010	250+15	FRONTAGE ROAD C	1 24" CMCP @ 73'
TOTAL 0010			9

REMOVING PAVEMENT				204.0100 SY	
CATEGORY	STATION TO	STATION	LOCATION		
0010	299+00	- 307+00	STH 64 EB	2310	
0010	303+50	- 307+00	STH 64 WB	1010	
TOTAL 0010				3320	
REMOVING FENCE				204.0170 LF	
CATEGORY	STATION TO	STATION	LOCATION		
0010	200+00	- 207+00	STH 64 EB	700	
0010	211+50	- 211+00	STH 64 WB	30	
0010	227+00	- 230+00	STH 64 WB	300	
0010	227+00	- 230+00	STH 64 EB	300	
0010	231+00	- 232+00	STH 64 WB	180	
0010	236+00	- 239+00	STH 64 EB	360	
0010	257+00	- 265+00	STH 64 EB	850	
0010	270+00	- 265+00	FRONTAGE ROAD C	290	
0010	266+50	- 269+50	STH 64 EB	320	
0010	270+00	- 271+00	STH 64 EB	80	
0010	287+50	- 290+00	STH 64 WB	250	
0010	292+50	- 295+00	STH 64 WB	300	
0010	6+70	- 7+25	STH 35/CTH E	320	
0010	17+25	- 19+00	STH 35/CTH E	300	
0010	17+75	- 19+40	STH 35/CTH E	300	
0010	11+00	- 12+60	SCHOOL ROAD	190	
0010	11+00	- 15+70	SCHOOL ROAD	510	
0010	13+80	- 17+75	SCHOOL ROAD	415	
0010	80+00	- 81+50	THELEN FARM TR	130	
0010	2+30		DURAND P.E.	25	
TOTAL 0010				6150	

Addendum No. 1
ID 8110-02-72
Revised Sheet 376
November 26, 2014

FINISHING ROADWAY (8110-02-72)

CATEGORY	LOCATION	213.0100 EACH
0010	STH 64	1
TOTAL 0010		1

PREPARE FOUNDATION FOR BASE AGGREGATE			
CATEGORY	STATION TO	STATION	LOCATION
0010	20+75	- 45+00	STH 35/CTH E
0010	180+77	- 194+00	NW Ramp
0010	176+00	- 181+31	SW Ramp
0010	184+50	- 194+29	NE Ramp
0010	175+75	- 181+76	SE Ramp
TOTAL 0010			5859
			Includes NE/SE & Roundabouts

SELECT BORROW		208.1100 CY	
CATEGORY	STATION TO	STATION	LOCATION
0010	10+69	- 18+11	SCHOOL RD
0010	80+83	- 81+42	THELEN FARM TR
0010	81+42	- 83+95	THELEN FARM TR
TOTAL 0010			3453

Division	From / To Station	Common Excavation (1)		Salvaged / Unusable Pavement Material (4)	Available Material	Reduced EBS in Fill (3)	Expanded EBS Backfill (4)	Unexpanded Fill	Expanded Fill (5)	Mass Ordinate +/- (6)	Waste	Borrow (8) (item #208.0100)	Comment:
		Cut	Excavation (2)										
Stage 1 South	STH 35 Bypass	1,540	-	-	1,540	-	-	-	Factor 1.25	-	-	-	-
	STH 35/CTH E	7,398	-	-	7,398	-	-	2,403	3,004	-1,464	-	1,464	-
	West RAB	205	-	-	205	-	-	17,610	22,013	-14,615	-	14,615	-
	East RAB	423	-	-	423	-	-	6,138	6,138	-5,933	-	5,933	-
	Gen Pond	76,023	-	-	76,023	-	-	4,230	5,287	-4,865	-	4,865	-
Stage 1 South Subtotal		85,568	-	-	85,568	-	-	29,155	36,444	49,144	76,021	26,877	-
Stage 2 South	STH 64 200-226+25	23,651	819	-	23,651	655	1,085	52,530	65,663	-40,947	-	40,947	-
	STH 35	5,727	-	1,154	4,573	-	-	19,295	11,795	-7,222	-	7,222	-
	STH 35/Main St RAB	360	-	357	4	-	-	10,803	13,503	-13,500	-	13,500	-
	School Rd	2,526	-	-	2,526	-	-	1,597	1,597	929	929	-	-
	10+50/18+00	13	-	-	13	-	-	7,750	9,687	-9,674	-	9,674	-
Stage 2 North	NE Ramp	20,728	-	-	20,728	-	-	4,374	5,468	15,260	15,260	-	-
	NW Ramp	1,136	-	-	1,136	-	-	893	1,116	20	20	-	-
	SE Ramp	69	-	-	69	-	-	1,069	1,336	-1,267	-	1,267	-
	167+64/180+20	54,210	819	1,510	52,699	655	1,085	88,132	110,166	-56,402	16,209	72,611	-
	Stage 2 North Subtotal	223,831	2,414	1,112	222,719	1,931	3,138	176,212	220,265	5,592	62,038	56,446	-
Stage 3 South	STH 64	151,717	1,233	927	150,791	986	1,603	95,681	119,601	32,792	32,792	-	-
	Frontage Rd. A	53,378	-	138	53,240	-	-	19,295	24,119	-29,121	29,121	-	-
	Kilbane Berm (Category 0040)	1,692	-	-	1,692	-	-	39,044	48,804	-47,113	-	47,113	-
	Frontage Rd. B	16,224	1,181	47	16,176	945	1,535	17,798	22,248	-4,536	-	4,536	-
	242+36/265+00	325	-	-	325	-	-	160	199	126	126	-	-
Stage 3 North	CTH E	211	-	-	211	-	-	4,234	5,292	-4,798	-	4,798	-
	Thelen Farm	27,906	-	1,168	26,738	-	-	54,022	67,527	-40,790	13,231	54,021	-
	Stage 3 North Subtotal	103,342	367	3,488	99,853	293	477	12,384	15,480	84,850	84,850	-	-
	STH 64 EB	8,975	-	1,612	7,364	-	-	6,265	7,832	-468	-	468	-
	Frontage Rd. C	112,317	367	5,100	107,217	293	477	18,650	23,312	84,382	84,850	468	-
Stage 3 North Subtotal		502,160	3,600	8,891	493,269	2,880	4,679	327,127	408,909	89,040	252,350	163,310	-
Grand Total	Category 0010 Total	1,692	-	-	1,692	-	-	39,044	48,804	-47,113	-	47,113	-
	Category 0040 Total	503,852	3,600	8,891	494,961	2,880	4,679	366,170	457,713	41,827	252,350	163,310	-
	Grand Total	507,451	3,600	8,891	496,653	2,880	4,679	366,170	457,713	41,827	252,350	163,310	-
	Total Common Exc	507,451	3,600	8,891	496,653	2,880	4,679	366,170	457,713	41,827	252,350	163,310	-
	Total Borrow	48,047	-	-	48,047	-	-	-	-	-	-	48,047	-

Addendum No. 1
ID 8110-02-72
Revised Sheet 377
November 26, 2014

- 1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
- 2) EBS Excavation to be backfilled with Borrow material.
- 3) Reduced EBS in Fill - Excavated EBS material is useable in Fills outside the 1:1 slope. EBS in Fill Reduction factor = 0.8
- 4) Expanded EBS Backfill - This is to be filled with Select Borrow material. EBS Backfill Factor = 1.3. Item number 208.1100
- 5) Expanded Fill. Factor = 1.25
- 6) The Mass Ordinate +/- or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.
- 7) Use 49,144 CY of material from Stage 1 South. 7,257 CY of Borrow required. Borrow Excavation item number 208.0100
- 8) Total Borrow is the sum of the negative mass ordinate totals plus the waste identified from other divisions.

Expanded Fill = (Unexpanded Fill - Reduced EBS) * Fill Factor

PROJECT: 8110-02-72	HWY: STH 64	COUNTY: ST. CROIX	MISCELLANEOUS QUANTITIES	SHEET: 377
ESTIMATE FILE NAME: N:\PDPS\PROJECTS\LET161002\0171 STILLWATER BRIDGE APPROACH\DESIGN\MISC QUANTITIES81100272_MQW.XLSM PLOT DATE: 11/19/2014 11:41 AM PLOT BY: DOTERA PLOT NAME: PLOT SCALE: NONE				
DESIGN QUANTITIES FILE NAME: N:\PDPS\PROJECTS\LET161002\0171 STILLWATER BRIDGE APPROACH\DESIGN\MISC QUANTITIES81100272\10-02-72_MQ.PPTX				

SELECT CRUSHED MATERIAL

CATEGORY	STATION TO STATION	LOCATION	312.0110 TON
0010	183+50 - 185+50	STH 64 EB	672
0010	200+00 - 230+50	STH 35/64 EB	13,213
0010	230+50 - 269+50	STH 35/64 EB	16,428
0010	269+50 - 304+00	STH 35/64 EB	11,586
0010	183+50 - 185+50	STH 64 WB	672
0010	200+00 - 230+50	STH 35/64 WB	13,396
0010	230+50 - 269+50	STH 35/64 WB	14,963
0010	269+50 - 304+00	STH 35/64 WB	11,649
0010	297+60 - 301+45	STH 35 NB	831
0010	301+45 - 307+79	STH 35 NB	2,181
0010	309+84 - 312+44	OLD STH 35 NB	797
0010	312+44 - 317+78	OLD STH 35 NB	1,131
0010	297+89 - 301+44	STH 35 SB	715
0010	301+44 - 307+85	STH 35 SB	1,395
0010	309+88 - 312+48	OLD STH 35 SB	543
0010	312+48 - 317+84	OLD STH 35 SB	1,174
0010	307+79 - 309+84	STH 35 NB RAB	1,954
0010	307+85 - 309+89	STH 35 SB RAB	
0010	5+65 - 18+94	STH 35 EB	3,879
0010	18+94 - 27+76	STH 35 EB	3,664
0010	40+79 - 49+64	STH 35 EB	2,905
0010	49+64 - 54+94	STH 35 EB	1,286
0010	5+65 - 18+96	STH 35 WB	3,587
0010	18+96 - 28+03	STH 35 WB	3,984
0010	40+59 - 49+59	STH 35 WB	2,804
0010	49+59 - 55+10	STH 35 WB	1,351
0010	27+76 40+79	STH 35 EB/WB RAB	12,750
TOTAL 0010			129,510

Addendum No. 1
ID 8110-02-72
Added Sheet 380A
November 26, 2014

PROJECT: 8110-02-72	HWY: STH 64	COUNTY: ST. CROIX	MISCELLANEOUS QUANTITIES	SHEET: 380A	E
ESTIMATE FILE NAME: N:\PDS\PROJECTS\LETS\8110\02\0171 STILLWATER BRIDGE APPROACH DESIGN\MISC QUANTITIES\81100272\NOM\XLSM DESIGN HOUSE QUANTITIES FILE NAME: N:\PDS\PROJECTS\LETS\8110\02\0171 STILLWATER BRIDGE APPROACH DESIGN\MISC QUANTITIES\81100272\8110-02-72_MQ.PPTX					
PLOT DATE: 11/18/2014 2:53 PM			PLOT NAME: PLOT BY: DOT/ERA	PLOT SCALE: NONE	

455.0110 ASPHALTIC MATERIAL PG58-34
 455.0605 TACK COAT
 460.1100 HMA PAVEMENT TYPE E-0.3

ASPHALTIC ITEMS 1

CATEGORY	STATION TO	STATION	LOCATION	455.0110 TON	455.0605 GAL	460.1100 TON	REMARKS
0010	230+00 -	304+00	STH 35/64 WB	61	299	1,105	OUTSIDE SHLD
0010	230+00 -	304+00	STH 35/64 WB	31	150	553	INSIDE SHLD
0010	177+11 -	177+75	SE RAMP	1	3	8	OUTSIDE SHLD
0010	177+11	179+46	SE RAMP	1	5	18	INSIDE SHLD
0010	178+00	180+53	SW RAMP	2	9	32	OUTSIDE SHLD
0010	178+00	180+94	SW RAMP	2	6	22	INSIDE SHLD
0010	183+21	185+50	NE RAMP	2	8	29	OUTSIDE SHLD
0010	183+21	185+50	NE RAMP	1	5	17	INSIDE SHLD
0010	184+75	186+35	NE RAMP	2	6	20	OUTSIDE SHLD
0010	183+06	186+35	NW RAMP	2	7	25	INSIDE SHLD
TOTAL 0010				105	498 *	1,829	

*QUANTITY SHOWN ELSEWHERE IN PLAN

Addendum No. 1
 ID 8110-02-72
 Revised Sheet 382
 November 26, 2014

PROJECT: 8110-02-72

HWY: STH 64

COUNTY: ST. CROIX

MISCELLANEOUS QUANTITIES

SHEET: 382

E

ESTIMATE FILE NAME: N:\PDS\PROJECTS\LET110020171 STILLWATER BRIDGE APPROACH DESIGN\MISC QUANTITIES81100272_MQW.XLSM
 PLOT DATE: 11/14/2014 9:50 AM
 PLOT BY: DOT/ERA
 PLOT NAME:
 PLOT SCALE: NONE
 ESTIMATE HOUSE QUANTITIES FILE NAME: N:\PDS\PROJECTS\LET110020171 STILLWATER BRIDGE APPROACH DESIGN\MISC QUANTITIES81100272811002-72_MQ.PPTX

455.0145 ASPHALTIC MATERIAL PG64-34P
455.0605 TACK COAT
460.1103 HMA PAVEMENT TYPE E-3

ASPHALTIC ITEMS_2

CATEGORY	STATION TO	STATION	LOCATION	455.0145 TON	455.0605 GAL	460.1103 TON
0010	5+65 - 18+94		STH 35 NB	78	454	1402
0010	18+94 - 27+76		STH 35 NB	57	331	1023
0010	5+65 - 18+96		STH 35 SB	54	315	973
0010	18+96 - 28+03		STH 35 SB	63	369	1141
0010	40+79 - 44+75		CTH E EB	16	91	279
0010	40+59 - 44+75		CTH E WB	18	106	325
0010	44+75 - 55+10		CTH E	93	546	1688
0010	218+50 - 233+61		FRONTAGE ROAD A	47	228	842
0010	233+61 - 237+08		FRONTAGE ROAD A	11	52	190
0010	237+08 - 239+83		FRONTAGE ROAD A	9	41	150
0010	239+83 - 242+40		FRONTAGE ROAD A	8	39	144
0010	242+40 - 243+21		FRONTAGE ROAD A	4	19	69
0010	243+21 - 246+75		FRONTAGE ROAD A	17	82	302
0010	243+00 - 243+51		FRONTAGE ROAD B	2	8	28
0010	243+51 - 250+00		FRONTAGE ROAD B	20	96	355
0010	250+00 - 265+25		FRONTAGE ROAD B	46	226	835
0010	CUL DE SAC		FRONTAGE ROAD B	11	51	186
0010	233+42 - 233+96		FRONTAGE ROAD C	1	5	15
0010	233+96 - 240+19		FRONTAGE ROAD C	20	98	360
0010	257+00 - 267+76		MILL/RELAY	0		
0010	267+76 - 271+62		FRONTAGE ROAD C	33	160	592
0010	271+62 - 272+67		FRONTAGE ROAD C	12	57	211
0010	80+83 - 81+42		FRONTAGE ROAD C	2	7	23
0010			THELEN FARM TRAIL	20	71	356
0010	10+91 - 18+00		SCHOOL RD	54	192	967
0010	297+60 - 301+45		STH 35	33	194	600
0010	301+45 - 306+30		STH 35 NB	32	186	574
0010	301+44 - 307+85		STH 35 SB	27	154	476
0010	306+30 - 308+45		STH 35 NB LT	8	42	129
0010	306+30 - 308+45		STH 35 NB RT	7	39	119
0010	307+79 - 309+84		STH 35/MAIN ST RAB	25	141	437
0010	309+84 - 312+45		OLD STH 35 NB	10	35	174
0010	309+88 - 312+45		OLD STH 35 SB	10	33	166
0010	312+45 - 314+75		OLD STH 35	24	84	419
TOTAL 0010				872	4552 *	15550

*QUANTITY SHOWN ELSEWHERE IN PLAN

Addendum No. 1
ID 8110-02-72
Revised Sheet 383
November 26, 2014

PROJECT: 8110-02-72	HWY: STH 64	COUNTY: ST. CROIX	MISCELLANEOUS QUANTITIES	SHEET: 383	E
ESTIMATE FILE NAME: N:\PDSP\PROJECTS\LET110020\0171 STILLWATER BRIDGE APPROACH\DESIGN\MISC QUANTITIES81100272_NDW.XLSM PROJECT FILE NAME: N:\PDSP\PROJECTS\LET110020\0171 STILLWATER BRIDGE APPROACH\DESIGN\MISC QUANTITIES81100272\0110-02-72_MQ.PPTX					PLOT NAME:
					PLOT SCALE: NONE
					PLOT BY: DOT/ERA

TRAFFIC CONTROL COVERING SIGNS TYPE II

CATEGORY	LOCATION	643. 0920 EACH	REMARKS
0010	STH 64	1	SPEED LIMIT 65 NORTH OF V INT.
	TOTAL 0010	<u>1</u>	*QTY ELSEWHERE IN MQ SHEETS

TRAFFIC CONTROL SIGNS PCMS

CATEGORY	LOCATION	DAY	REMARKS
0010	STAGE 1 STH 64	96	2 PCs 48 DAYS
	TOTAL 0010	96	

TRAFFIC CONTROL DETOUR (8110-02-72)

CATEGORY	LOCATION	EACH
0010	CTH E DETOUR & ANDERSON SCOUT CAMP RD. DETOUR	1
	TOTAL 0010	1

TRAFFIC CONTROL DETOUR SIGNS

CATEGORY	LOCATION	DAY	REMARKS
0010	CTH E DETOUR	7, 222	157 SIGNS 46 DAYS
0010	ANDERSEN DETOUR	2,002	13 SIGNS 154 DAYS
TOTAL		0010	9, 224

TRAFFIC CONTROL WARNING LIGHTS TYPE C			
CATEGORY	LOCATION	643.0715 DAY	REMARKS
0010	STAGE 1	1,392	29 LIGHTS 48 DAYS
0010	STAGE 2	10,010	65 LIGHTS 154 DAYS
0010	STAGE 3	828	18 LIGHTS 46 DAYS
TOTAL 0010		12,230	

TRAFFIC CONTROL ARROW BOARDS			
CATEGORY	LOCATION	643.0800 DAY	REMARKS
0010	STAGE 1	2	
0010	STAGE 2	2	
0010	STAGE 3	1	
TOTAL 0010		5	

TRAFFIC CONTROL SIGNS			
CATEGORY	LOCATION	643.0900 DAY	REMARKS
0010	ADVANCED WARNING	11,656	47 SIGNS 248 DAYS
0010	STAGE 1	1,872	39 SIGNS 48 DAYS
0010	STAGE 2	7,546	49 SIGNS 154 DAYS
0010	STAGE 3	184	4 SIGNS 46 DAYS
TOTAL 0010		21,258	

TRAFFIC CONTROL COVERING SIGNS TYPE II			
CATEGORY	LOCATION	643.0920 EACH	REMARKS
0010	STH 64	1	SPEED LIMIT 65 NORTH OF V INT.
TOTAL 0010		1	*QTY ELSEWHERE IN MQ SHEETS

TRAFFIC CONTROL SIGNS PCMS			
CATEGORY	LOCATION	643.1050 DAY	REMARKS
0010	STAGE 1 STH 64	96	2 PCMS 48 DAYS
TOTAL 0010		96	

TRAFFIC CONTROL DETOUR (8110-02-72)			
CATEGORY	LOCATION	643.2000 EACH	
0010	CTH E DETOUR & ANDERSON SCOUT CAMP RD. DETOUR	1	
TOTAL 0010		1	

TRAFFIC CONTROL DETOUR SIGNS			
CATEGORY	LOCATION	643.3000 DAY	REMARKS
0010	CTH E DETOUR	7,222	157 SIGNS 46 DAYS
0010	ANDERSEN DETOUR	2,002	13 SIGNS 154 DAYS
TOTAL 0010		9,224	

Addendum No. 1
ID 8110-02-72
Revised Sheet 417
November 26, 2014

ALL ITEMS ON THIS SHEET ARE IN CATEGORY 0010

PAVEMENT MARKING GROOVED PREFORMED THERMOPLASTIC ITEMS

STATION - STATION	LOCATION	SPV.0060.31 GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 2	SPV.0060.35 CONTRAST GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 2	SPV.0060.38 CONTRAST GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 3R	SPV.0060.39 CONTRAST GROOVED PREFORMED THERMOPLASTIC WORDS	SPV.0060.33 GROOVED PREFORMED THERMOPLASTIC WORDS	SPV.0090.40 CONTRAST GROOVED PREFORMED THERMOPLASTIC CROSSWALK 6-INCH	SPV.0080.50 GROOVED PREFORMED THERMOPLASTIC YIELD LINE 18-INCH	SPV.0090.41 CONTRAST GROOVED PREFORMED THERMOPLASTIC YIELD LINE 18-INCH
297+60 - 300+00	STH 35	0	0	0	0	0	0	0	0
300+00 - 306+00	STH 35	1	0	0	0	1	0	0	0
312+00 - 317+80	STH 35/MAIN ST RAB MAIN STREET	0	0	0	0	4	0	80	0
6+50 - 11+00	STH 35	0	0	0	0	0	0	0	0
11+00 - 17+00	STH 35	0	0	0	0	0	0	0	0
17+00 - 23+00	STH 35	2	0	0	0	8	0	0	0
23+00 - 28+00	STH 35	0	0	0	0	1	0	0	0
33+00 - 37+00	STH 64 SB RAB/OFF RAMP	0	2	2	6	0	70	0	115
41+75 - 47+00	STH 64 NB RAB/OFF RAMP	0	2	2	5	0	115	0	110
47+00 - 52+50	CTHE	0	0	0	0	0	0	0	0
52+50 - 55+00	CTHE	0	0	0	0	0	0	0	0
	SCHOOL RD	0	0	0	0	0	0	0	0
	THELENFARM TL	0	0	0	0	0	0	0	0
TOTALS		4	4	4	11	14	185	80	225

Addendum No. 1
ID 8110-02-72
Revised Sheet 425
November 26, 2014

PROJECT NO: 8110-02-72

HWY: STH 64

COUNTY: ST. CROIX

MISCELLANEOUS QUANTITIES

SHEET 425

E

FILE NAME: G:\WOOTCO\12029\2012-2014 design work orders\Wox Order\1 DF\S&E\81100272.mxd

ORIGINATOR: KL ENGINEERING, INC.

ORIG. DATE:

REV. DATE:

PRINT DATE: July 30, 2014

Addendum No. 1
ID 8110-02-72
Revised Sheet 705
November 26, 2014

STAGE 2S - STH 35/64 STATIONS 200+00 - 226+25

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)				Mass Ordinate				
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill		Backfill	In Fill	Reduced EBS	
200+00	0.00	4.38	-	32.94	-	-	-	-	-	-	-	-	-	-	0.00	
200+20	20.00	364.22	-	2.64	-	137	-	13	-	137	16	-	-	-	120.05	
200+50	30.00	214.16	-	2.99	-	321	-	3	-	458	20	-	-	-	437.47	
201+00	50.00	246.28	-	4.69	-	426	-	7	-	884	29	-	-	-	854.91	
201+10	10.00	253.86	-	5.11	-	93	-	2	-	977	32	-	-	-	945.26	
201+50	40.00	231.61	-	7.50	-	360	-	9	-	1,336	43	-	-	-	1,293.19	
202+00	50.00	970.21	-	6.02	-	1,113	-	13	-	2,449	59	-	-	-	2,390.35	
202+00.66	0.66	303.95	-	6.17	-	16	-	0	-	2,465	59	-	-	-	2,405.81	
202+50	49.34	368.28	-	12.83	-	614	-	17	-	3,079	81	-	-	-	2,998.29	
202+90	40.00	402.03	-	16.32	-	571	-	22	-	3,650	108	-	-	-	3,541.90	
203+00	10.00	408.86	-	16.42	-	150	-	6	-	3,800	115	-	-	-	3,684.49	
203+50	50.00	436.42	-	14.92	-	783	-	29	-	4,582	152	-	-	-	4,430.88	
204+00	50.00	482.06	-	8.45	-	850	-	22	-	5,433	179	-	-	-	5,254.28	
204+50	50.00	539.27	-	3.54	-	946	-	11	-	6,379	192	-	-	-	6,186.09	
205+00	50.00	541.09	-	1.50	-	1,000	-	5	-	7,379	198	-	-	-	7,180.60	
205+50	50.00	529.95	-	0.82	-	992	-	2	-	8,371	201	-	-	-	8,169.62	
206+00	50.00	441.74	-	3.57	-	900	-	4	-	9,270	206	-	-	-	9,064.25	
206+50	50.00	276.50	-	2.14	-	665	-	5	-	9,935	213	-	-	-	9,722.68	
207+00	50.00	256.60	-	5.32	-	494	-	7	-	10,429	221	-	-	-	10,207.67	
207+50	50.00	206.06	-	13.16	2.68	428	-	17	2	10,857	243	3	1.99	-	10,612.69	
208+00	50.00	269.61	-	61.87	57.33	440	-	69	56	11,298	330	75	46.44	-	10,921.83	
208+50	50.00	155.79	-	190.32	25.68	394	-	234	77	11,692	621	175	107.93	-	10,962.35	
209+00	50.00	151.55	-	289.38	32.86	285	-	444	54	11,976	1,177	246	151.29	-	10,648.36	
209+50	50.00	137.13	-	257.27	60.83	267	-	506	87	12,244	1,809	359	220.69	-	10,213.57	
210+00	50.00	364.02	-	29.76	33.91	464	-	266	88	12,708	2,142	473	290.87	-	10,275.22	
210+50	50.00	550.18	-	18.30	8.94	846	-	44	40	13,554	2,197	524	322.61	-	11,034.35	
211+00	50.00	708.72	-	-	-	1,166	-	17	8	14,720	2,218	535	329.23	-	12,172.20	
211+50	50.00	605.54	-	3.54	-	1,217	-	3	3	15,937	2,222	535	329.23	-	13,385.00	
212+00	50.00	452.36	-	18.58	3.35	980	-	20	3	16,916	2,248	539	331.71	-	14,336.45	
212+50	50.00	262.78	-	49.26	38.54	662	-	63	39	17,578	2,327	589	362.74	-	14,889.08	
213+00	50.00	96.34	-	176.57	86.57	333	-	209	116	17,911	2,588	740	455.41	-	14,867.55	
213+50	50.00	30.55	-	471.17	18.40	117	-	600	97	18,028	3,338	866	533.17	-	14,157.60	
214+00	50.00	0.29	-	707.70	1.21	29	-	1,092	18	18,057	4,702	890	547.70	-	12,807.20	
214+50	50.00	-	-	915.03	-	0	-	1,503	1	18,057	6,580	891	548.59	-	10,928.42	
215+00	50.00	31.28	-	1,035.30	-	29	-	1,806	-	18,086	8,838	891	548.59	-	8,700.05	
215+50	50.00	45.21	-	1,121.48	-	71	-	1,997	-	18,157	11,334	891	548.59	-	6,274.60	
216+00	50.00	47.54	-	1,061.61	2.98	86	-	2,021	3	18,243	13,861	895	550.80	-	3,831.54	
216+50	50.00	30.33	-	1,025.21	-	72	-	1,932	3	18,315	16,276	899	553.01	-	1,486.13	
217+00	50.00	17.47	-	1,065.79	-	44	-	1,936	-	18,359	18,696	899	553.01	-	-889.76	
217+50	50.00	19.26	-	1,207.85	-	34	-	2,105	-	18,393	21,327	899	553.01	-	-3,487.28	

Sheet 1 = 18,393 0 17,062 691

PROJECT: 8110-02-72

HWY: STH 64

COUNTY: ST. CROIX

EARTHWORK DETAILS: STAGE 2S - STH 35/64 STATIONS 200+00 - 226+25

SHEET: 705

E

FILE NAME: N:\PDS\CD641100201\Sheet\PLAN\8110-02-72\8110-02-72_Rev.PPTX

PLOT DATE: 11/13/2014 12:45:27 PM

PLOT BY: DOT/ERA

PLOT NAME: EW DETAILS

PLOT SCALE: NONE

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate	
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Backfill		Reduced EBS
						Note 1	Note 2	Note 3		Note 1	1.25	1.30	Note 7	Note 8
218+00	50.00	34.44	-	1,315.71	-	50	-	2,337	-	18,443	24,248	899	553.01	-6,358.33
218+50	50.00	33.03	-	1,373.71	-	62	-	2,490	-	18,505	27,361	899	553.01	-9,408.61
219+00	50.00	36.61	-	1,416.28	-	64	-	2,583	-	18,570	30,590	899	553.01	-12,573.28
219+50	50.00	44.17	-	1,495.19	-	75	-	2,696	-	18,645	33,960	899	553.01	-15,868.25
219+54.53	4.53	43.77	-	1,505.59	-	7	-	252	-	18,652	34,275	899	553.01	-16,175.74
220+00	45.47	39.88	-	1,692.94	-	70	-	2,693	-	18,723	37,641	899	553.01	-19,471.67
220+50	50.00	25.91	-	1,942.34	-	61	-	3,366	-	18,783	41,849	899	553.01	-23,618.26
221+00	50.00	34.76	-	1,963.24	-	56	-	3,616	-	18,840	46,369	899	553.01	-28,082.44
221+50	50.00	154.24	-	1,406.75	3.87	175	-	3,120	4	19,015	50,269	903	555.87	-31,810.76
222+00	50.00	521.34	-	375.88	9.53	626	-	1,651	12	19,640	52,333	919	565.80	-33,258.39
222+50	50.00	701.65	-	43.28	-	1,132	-	388	9	20,773	52,818	931	572.86	-32,618.19
223+00	50.00	432.52	-	35.79	1.37	1,050	-	73	1	21,823	52,909	933	573.87	-31,660.57
223+50	50.00	167.61	-	395.37	25.53	556	-	399	25	22,378	53,408	965	593.80	-31,623.85
224+00	50.00	92.12	-	862.91	1.95	240	-	1,165	25	22,619	54,865	998	614.16	-32,860.05
224+50	50.00	94.92	-	1,053.26	4.02	173	-	1,774	6	22,792	57,083	1,005	618.58	-34,909.07
225+00	50.00	113.87	-	1,089.34	3.74	193	-	1,984	7	22,985	59,562	1,015	624.33	-37,201.36
225+50	50.00	100.81	-	1,084.42	3.04	199	-	2,013	6	23,184	62,078	1,023	629.35	-39,523.53
226+00	50.00	109.19	-	800.29	9.08	194	-	1,745	11	23,379	64,260	1,037	638.33	-41,519.46
226+50	50.00	184.53	-	411.89	13.80	272	-	1,122	21	23,651	65,663	1,065	655.27	-42,667.44

Sheet 2 = 5,257 0 35,468 128

Total = 23,651 0 52,530 819

Addendum No. 1
ID 8110-02-72
Revised Sheet 706
November 26, 2014

PROJECT: 8110-02-72

HWY: STH 64

COUNTY: ST. CROIX

EARTHWORK DETAILS: STAGE 2S - STH 35/64 STATIONS 200+00 - 226+25

SHEET: 706

E

FILE NAME: N:\PDS\CD61100201\SHEET\PLAN\8110-02-72\8110-02-72_ew.PPTX

PLOT BY: DOT/ERA

PLOT DATE: 11/13/2014 12:45:27 PM

PLOT NAME: EW DETAILS

PLOT SCALE: NONE

Addendum No. 1
ID 8110-02-72
Revised Sheet 707
November 26, 2014

STAGE 2S – STH 35 NB														9	
STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate	Note 8	
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill 1.25	Expanded EBS Backfill 1.30			Reduced EBS In Fill 0.80
		Note 1	Note 2	Note 3		Note 1	Note 2	Note 3		Note 1	Note 5	Note 7			
297+60	0.00	155.97	15.0	10.97	-	-	-	-	-	-	-	-	-	0.00	
298+00	40.00	159.35	15.0	12.72	-	234	22.2	18	-	234	22	-	-	189.41	
298+47.58	47.58	158.50	15.1	10.26	-	280	26.5	20	-	514	47	-	-	417.65	
298+50	2.42	161.31	15.1	9.96	-	14	1.3	1	-	528	48	-	-	429.49	
299+00	50.00	162.79	15.0	5.50	-	300	27.8	14	-	828	66	-	-	683.89	
299+35.41	35.41	158.53	15.1	5.03	-	211	19.7	7	-	1,039	75	-	-	866.24	
299+50	14.59	150.48	15.1	4.11	-	84	8.2	2	-	1,122	78	-	-	938.52	
300+00	50.00	166.54	18.8	2.05	-	294	31.4	6	-	1,416	85	-	-	1,193.51	
300+23.23	23.23	174.97	22.3	2.28	-	147	17.7	2	-	1,563	87	-	-	1,320.41	
300+50	26.77	177.46	22.4	3.74	-	175	22.2	3	-	1,737	91	-	-	1,469.24	
301+00	50.00	182.17	22.4	9.22	-	333	41.4	12	-	2,070	106	-	-	1,745.80	
301+50	50.00	181.47	22.4	16.35	-	337	41.4	24	-	2,407	136	-	-	2,011.52	
302+00	50.00	178.58	22.3	23.70	-	333	41.4	37	-	2,740	182	-	-	2,257.19	
302+43.17	43.17	174.81	22.3	26.48	-	283	35.7	40	-	3,023	232	-	-	2,453.89	
302+50	6.83	173.41	22.3	26.02	-	44	5.6	7	-	3,067	241	-	-	2,483.98	
303+00	50.00	162.41	22.3	27.19	-	311	41.3	49	-	3,378	302	-	-	2,692.06	
303+33.7	33.70	156.08	22.3	35.80	-	199	27.8	39	-	3,577	351	-	-	2,813.88	
303+50	16.30	152.07	22.3	44.30	-	93	13.4	24	-	3,670	381	-	-	2,863.25	
304+00	50.00	135.61	22.3	73.44	-	266	41.3	109	-	3,936	518	-	-	2,952.09	
304+24.22	24.22	121.29	22.4	95.62	-	115	20.0	76	-	4,051	613	-	-	2,952.49	
304+32.56	8.34	120.13	22.4	103.91	-	37	6.9	31	-	4,089	651	-	-	2,944.34	
304+50	17.44	119.20	22.4	121.62	-	77	14.5	73	-	4,166	742	-	-	2,916.11	
305+00	50.00	32.26	22.6	254.22	-	140	41.7	348	-	4,306	1,177	-	-	2,579.68	
305+50	50.00	26.55	25.1	331.22	-	54	44.1	542	-	4,361	1,855	-	-	1,912.43	
305+50.3	0.30	26.52	25.1	331.72	-	0	0.3	4	-	4,361	1,859	-	-	1,907.80	
305+78.34	28.04	24.21	24.3	373.59	-	26	25.6	366	-	4,387	2,317	-	-	1,450.70	
306+00	21.66	23.59	23.6	422.69	-	19	19.2	319	-	4,406	2,716	-	-	1,051.50	
306+06.39	6.39	23.41	23.4	424.06	-	6	5.6	100	-	4,412	2,842	-	-	926.33	
306+50	43.61	22.86	22.9	532.17	-	37	37.4	772	-	4,449	3,807	-	-	-39.12	
307+00	50.00	22.98	23.0	755.19	-	42	42.5	1,192	-	4,492	5,297	-	-	-1,529.14	
307+06.36	6.36	23.00	23.0	780.22	-	5	5.4	181	-	4,497	5,523	-	-	-1,755.10	
307+43.27	36.91	24.16	24.2	910.40	-	32	32.2	1,156	-	4,529	6,967	-	-	-3,199.50	
307+76.66	33.39	-	-	514.67	-	15	14.9	881	-	4,544	8,069	-	-	-4,301.08	
309+80.02	0.00	3.36	-	193.31	-	-	-	-	-	4,544	8,069	-	-	-4,301.08	
310+00	19.98	26.39	23.3	729.14	-	11	8.6	341	-	4,555	8,496	-	-	-4,725.39	
310+50	50.00	25.23	23.6	429.64	-	48	43.5	1,073	-	4,603	9,837	-	-	-6,062.22	
311+00	50.00	23.63	23.2	311.61	-	45	43.4	686	-	4,648	10,695	-	-	-6,918.28	
311+50	50.00	22.63	22.7	191.55	-	43	42.5	466	-	4,691	11,277	-	-	-7,500.29	
311+60	10.00	22.89	22.9	178.90	-	8	8.4	69	-	4,700	11,363	-	-	-7,586.05	
311+76.64	16.64	24.91	23.5	158.14	-	15	14.3	104	-	4,714	11,493	-	-	-7,715.42	
Sheet 1 = 4,714 937 9,194 0														9	
PROJECT: 8110-02-72														E	
COUNTY: ST. CROIX														SHEET: 707	
EARTHWORK DETAILS: STAGE 2S – STH 35 NB															

STAGE 2S - STH 35 NB

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate				
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Backfill		Expanded EBS	In Fill	Reduced EBS	
312+00	23.36	41.61	24.2	124.00	-	29	20.6	122	-	4,743	11,645	-	-	-	-	-	-7,859.84
312+50	50.00	73.04	20.2	-	-	106	41.2	115	-	4,849	11,789	-	-	-	-	-	-7,938.36
313+00	50.00	66.84	13.0	-	-	130	30.7	-	-	4,979	11,789	-	-	-	-	-	-7,839.57
313+50	50.00	126.84	13.1	1.28	-	179	24.1	1	-	5,158	11,790	-	-	-	-	-	-7,685.85
313+50.8	0.80	125.76	13.1	1.27	-	4	0.4	0	-	5,162	11,790	-	-	-	-	-	-7,682.55
313+84.08	33.28	120.18	20.5	0.37	-	152	20.7	1	-	5,314	11,791	-	-	-	-	-	-7,552.95
313+84.11	0.03	120.19	20.5	0.37	-	0	0.0	0	-	5,314	11,791	-	-	-	-	-	-7,552.85
314+00	15.89	117.99	21.1	0.57	-	70	12.2	0	-	5,384	11,792	-	-	-	-	-	-7,495.33
314+24.8	24.80	112.91	20.9	1.20	-	106	19.2	1	-	5,490	11,793	-	-	-	-	-	-7,409.55
314+50	25.20	93.62	21.3	1.12	-	96	19.7	1	-	5,586	11,794	-	-	-	-	-	-7,334.18
314+65.49	15.49	112.81	21.4	0.61	-	59	12.2	0	-	5,645	11,795	-	-	-	-	-	-7,287.81
314+84.99	19.50	113.28	21.3	0.50	-	82	15.4	0	-	5,727	11,795	-	-	-	-	-	-7,222.07

Sheet 2 =	1,013	217	242	0
Total =	5,727	1,154	9,436	0

Addendum No. 1
ID 8110-02-72
Revised Sheet 708
November 26, 2014

Addendum No. 1
ID 8110-02-72
Revised Sheet 709
November 26, 2014

STAGE 2S - MAIN ST RAB

STATION	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate					
		Cut	Salvaged/ Unusable Pavement Material	Fill	EBS	Cut	Salvaged/ Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Backfill	In Fill		Reduced EBS				
05+05	0.00	21.58	21.6	846.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Note 8
05+10	5.00	21.42	21.4	841.26	-	4	4.0	156	-	4	195	-	-	-	-	-	-	-	0.00
05+15	5.00	21.39	21.4	834.50	-	4	4.0	155	-	8	389	-	-	-	-	-	-	-	-195.30
05+20	5.00	21.48	21.5	826.03	-	4	4.0	154	-	12	581	-	-	-	-	-	-	-	-389.24
05+25	5.00	21.70	21.7	816.12	-	4	4.0	152	-	16	772	-	-	-	-	-	-	-	-581.44
05+30	5.00	22.05	22.1	805.55	-	4	4.1	150	-	20	959	-	-	-	-	-	-	-	-771.53
05+35	5.00	22.55	22.6	794.52	-	4	4.1	148	-	24	1,144	-	-	-	-	-	-	-	-959.25
05+40	5.00	23.21	23.2	782.11	-	4	4.2	146	-	28	1,327	-	-	-	-	-	-	-	-1,144.44
05+45	5.00	24.04	24.0	772.35	-	4	4.4	144	-	33	1,507	-	-	-	-	-	-	-	-1,326.92
05+50	5.00	25.10	25.1	766.56	-	5	4.6	142	-	37	1,685	-	-	-	-	-	-	-	-1,506.83
05+55	5.00	26.41	26.4	765.29	-	5	4.8	142	-	42	1,862	-	-	-	-	-	-	-	-1,684.95
05+60	5.00	28.04	28.0	767.67	-	5	5.0	142	-	47	2,040	-	-	-	-	-	-	-	-1,862.24
05+65	5.00	30.06	30.1	777.09	-	5	5.4	143	-	52	2,218	-	-	-	-	-	-	-	-2,039.67
05+70	5.00	32.61	32.6	790.35	-	6	5.8	145	-	58	2,400	-	-	-	-	-	-	-	-2,218.46
05+75	5.00	35.87	35.9	803.06	-	6	6.3	148	-	65	2,584	-	-	-	-	-	-	-	-2,399.88
05+80	5.00	40.11	40.1	727.68	-	7	7.0	142	-	72	2,761	-	-	-	-	-	-	-	-2,584.30
05+85	5.00	45.79	45.8	579.64	-	8	8.0	121	-	80	2,913	-	-	-	-	-	-	-	-2,761.47
05+90	5.00	53.73	53.7	500.60	-	9	9.2	100	-	89	3,038	-	-	-	-	-	-	-	-2,912.78
05+95	5.00	65.46	65.5	473.92	-	11	11.0	90	-	100	3,151	-	-	-	-	-	-	-	-3,037.81
06+00	5.00	84.43	84.4	483.64	-	14	13.9	89	-	114	3,261	-	-	-	-	-	-	-	-3,037.81
06+05	5.00	90.00	90.0	496.15	-	16	16.2	91	-	130	3,375	-	-	-	-	-	-	-	-3,150.60
06+10	5.00	91.47	91.5	520.55	-	17	16.8	94	-	147	3,492	-	-	-	-	-	-	-	-3,261.43
06+15	5.00	93.55	93.6	493.08	-	17	17.1	94	-	164	3,610	-	-	-	-	-	-	-	-3,374.83
06+20	5.00	18.78	18.8	440.08	-	10	10.4	86	-	174	3,718	-	-	-	-	-	-	-	-3,492.50
06+25	5.00	8.80	8.8	573.59	-	3	2.6	94	-	177	3,835	-	-	-	-	-	-	-	-3,609.82
06+30	5.00	5.82	5.8	777.86	-	1	1.4	125	-	178	3,992	-	-	-	-	-	-	-	-3,717.82
06+35	5.00	4.39	4.4	871.66	-	1	0.9	153	-	179	4,182	-	-	-	-	-	-	-	-3,835.15
06+40	5.00	3.56	3.6	892.81	-	1	0.7	163	-	180	4,387	-	-	-	-	-	-	-	-3,991.57
06+45	5.00	3.01	3.0	948.47	-	1	0.6	170	-	180	4,600	-	-	-	-	-	-	-	-4,182.48
06+50	5.00	2.63	2.6	1,016.73	-	1	0.5	182	-	181	4,827	-	-	-	-	-	-	-	-4,386.70
06+55	5.00	2.36	2.4	928.55	-	0	0.5	180	-	181	5,052	-	-	-	-	-	-	-	-4,599.81
06+60	5.00	2.15	2.1	841.23	-	0	0.4	164	-	182	5,257	-	-	-	-	-	-	-	-4,827.27
06+65	5.00	1.98	2.0	783.14	-	0	0.4	150	-	182	5,445	-	-	-	-	-	-	-	-5,052.42
06+70	5.00	1.85	1.9	732.46	-	0	0.4	140	-	183	5,621	-	-	-	-	-	-	-	-5,257.25
06+75	5.00	1.75	1.8	701.36	-	0	0.3	133	-	183	5,787	-	-	-	-	-	-	-	-5,445.26
06+80	5.00	1.66	1.7	694.87	-	0	0.3	129	-	183	5,948	-	-	-	-	-	-	-	-5,620.67
06+85	5.00	2.78	1.6	679.58	-	0	0.3	127	-	184	6,107	-	-	-	-	-	-	-	-5,786.63
06+90	5.00	1.54	1.5	608.95	-	0	0.3	119	-	184	6,256	-	-	-	-	-	-	-	-5,948.23
06+95	5.00	1.50	1.5	601.30	-	0	0.3	112	-	184	6,396	-	-	-	-	-	-	-	-6,107.20
07+00	5.00	1.47	1.5	601.87	-	0	0.3	111	-	185	6,536	-	-	-	-	-	-	-	-6,256.22
																			-6,396.30
																			-6,535.55

Sheet 1 = 185 184 5,229 0

PROJECT: 8110-02-72

HWY: STH 64

COUNTY: ST. CROIX

EARTHWORK DETAILS: STAGE 2S - MAIN ST RAB

E

PLOT NAME: EW DETAILS
PLOT SCALE: NONE

FILE NAME: N:\PDS\CD61100201\Sheet\PLAN\8110-02-72\8110-02-72_ew.PPTX

PLOT BY: DOT/ERA

PLOT DATE: 11/13/2014 12:45:27 PM

STATION	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate	
		Cut	Salvaged/ Unusable Pavement Material	Fill	EBS	Cut	Salvaged/ Unusable Pavement Material Note 2	Fill	EBS	Cut	Expanded Fill	Backfill	Reduced EBS		
													In Fill		Note 8
						Note 1		Note 3		Note 1	1.25	1.30 Note 5	0.80 Note 7		
07+05	5.00	1.44	1.4	589.79	-	0	0.3	110	-	185	6.674	-	-	-6,673.47	
07+05.73	0.73	1.44	1.4	589.87	-	0	0.0	16	-	185	6.694	-	-	-6,693.35	
07+10	4.27	1.43	1.4	595.61	-	0	0.2	94	-	185	6.811	-	-	-6,810.59	
07+15	5.00	1.42	1.4	607.09	-	0	0.3	111	-	185	6.950	-	-	-6,949.79	
07+20	5.00	1.42	1.4	622.38	-	0	0.3	114	-	186	7.092	-	-	-7,092.09	
07+25	5.00	1.42	1.4	635.99	-	0	0.3	117	-	186	7.238	-	-	-7,237.73	
07+30	5.00	1.44	1.4	610.62	-	0	0.3	115	-	186	7.382	-	-	-7,382.02	
07+35	5.00	1.96	1.5	615.52	-	0	0.3	114	-	186	7.524	-	-	-7,523.88	
07+40	5.00	1.49	1.5	644.82	-	0	0.3	117	-	187	7.670	-	-	-7,669.71	
07+45	5.00	1.52	1.5	690.94	-	0	0.3	124	-	187	7.825	-	-	-7,824.31	
07+50	5.00	5.22	1.6	703.51	-	1	0.3	129	-	188	7.986	-	-	-7,985.37	
07+55	5.00	5.28	1.6	715.31	-	1	0.3	131	-	189	8.150	-	-	-8,148.91	
07+60	5.00	5.36	1.7	731.65	-	1	0.3	134	-	190	8.318	-	-	-8,315.70	
07+65	5.00	5.45	1.8	753.97	-	1	0.3	138	-	191	8.490	-	-	-8,486.97	
07+70	5.00	5.57	1.9	785.80	-	1	0.3	143	-	192	8.668	-	-	-8,664.51	
07+75	5.00	2.07	2.1	741.00	-	1	0.4	141	-	192	8.845	-	-	-8,840.88	
07+80	5.00	2.26	2.3	704.22	-	0	0.4	134	-	193	9.012	-	-	-9,008.15	
07+85	5.00	2.50	2.5	701.72	-	0	0.4	130	-	193	9.175	-	-	-9,170.88	
07+90	5.00	2.83	2.8	700.02	-	0	0.5	130	-	194	9.337	-	-	-9,333.12	
07+95	5.00	3.29	3.3	799.69	-	1	0.6	139	-	194	9.510	-	-	-9,506.69	
08+00	5.00	3.98	4.0	823.89	-	1	0.7	150	-	195	9.698	-	-	-9,694.61	
08+05	5.00	5.08	5.1	805.83	-	1	0.8	151	-	196	9.887	-	-	-9,883.23	
08+10	5.00	7.17	7.2	727.23	-	1	1.1	142	-	197	10.064	-	-	-10,060.67	
08+15	5.00	12.50	12.5	609.25	-	2	1.8	124	-	199	10.219	-	-	-10,215.35	
08+20	5.00	78.37	78.4	630.53	-	8	8.4	115	-	207	10.363	-	-	-10,358.85	
08+25	5.00	80.88	80.9	598.68	-	15	14.7	114	-	222	10.505	-	-	-10,501.12	
08+30	5.00	84.78	84.8	593.09	-	15	15.3	110	-	237	10.643	-	-	-10,639.05	
08+35	5.00	89.61	89.6	618.98	-	16	16.1	112	-	253	10.783	-	-	-10,779.34	
08+40	5.00	73.86	73.9	626.02	-	15	15.1	115	-	268	10.927	-	-	-10,923.44	
08+45	5.00	60.59	60.6	645.47	-	12	12.4	118	-	281	11.074	-	-	-11,070.60	
08+50	5.00	51.63	51.6	668.55	-	10	10.4	122	-	291	11.226	-	-	-11,222.68	
08+55	5.00	44.60	44.6	703.51	-	9	8.9	127	-	300	11.385	-	-	-11,381.49	
08+60	5.00	39.23	39.2	729.96	-	8	7.8	133	-	308	11.551	-	-	-11,547.40	
08+65	5.00	35.20	35.2	757.40	-	7	6.9	138	-	315	11.723	-	-	-11,719.55	
08+70	5.00	32.10	32.1	782.08	-	6	6.2	143	-	321	11.901	-	-	-11,897.73	
08+75	5.00	29.65	29.7	808.15	-	6	5.7	147	-	327	12.085	-	-	-12,081.78	
08+80	5.00	27.71	27.7	825.38	-	5	5.3	151	-	332	12.275	-	-	-12,270.85	
08+85	5.00	26.14	26.1	837.04	-	5	5.0	154	-	337	12.467	-	-	-12,463.26	
08+90	5.00	24.89	24.9	843.22	-	5	4.7	156	-	342	12.661	-	-	-12,657.73	
08+95	5.00	23.87	23.9	844.48	-	5	4.5	156	-	346	12.857	-	-	-12,853.07	
09+00	5.00	23.07	23.1	849.03	-	4	4.3	157	-	351	13.053	-	-	-13,049.07	
09+05	5.00	22.45	22.5	850.50	-	4	4.2	157	-	355	13.249	-	-	-13,245.78	
09+10	5.00	21.98	22.0	849.79	-	4	4.1	157	-	359	13.446	-	-	-13,442.57	
09+11.46	1.46	21.87	21.9	849.24	-	1	1.2	46	-	360	13.503	-	-	-13,499.82	
Sheet 2 =										176	172	5,574	0		
Total =										360	357	10,803	0		
PROJECT: 8110-02-72		HWY: STH 64		COUNTY: ST. CROIX		EARTHWORK DETAILS: STAGE 2S – MAIN ST RAB								SHEET: 710	
Addendum ID 8110 Revised November														E	

Addendum No. 1
ID 8110-02-72
Revised Sheet 710
November 26, 2014

Addendum No. 1
ID 8110-02-72
Revised Sheet 716
November 26, 2014

STAGE 2N - STH 64 NORTH

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)					Cumulative Vol (CY)				Mass Ordinate	
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged/ Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Backfill	In Fill		Reduced EBS
						Note 1	Note 2	Note 3		Note 1	1.25	1.30	Note 5	Note 7	Note 8
230+62.43	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
231+00	37.57	-	509.81	-	-	-	-	355	-	-	443	-	-	-	-443.39
231+50	50.00	-	625.84	-	-	-	-	1,052	-	-	1,758	-	-	-	-1,757.81
232+00	50.00	-	698.02	-	-	-	-	1,226	-	-	3,290	-	-	-	-3,290.05
232+50	50.00	-	816.59	-	-	-	-	1,402	-	-	5,043	-	-	-	-5,043.07
233+00	50.00	-	939.44	-	-	-	-	1,626	-	-	7,076	-	-	-	-7,075.51
233+50	50.00	-	764.95	-	-	-	-	1,578	-	-	9,048	-	-	-	-9,048.18
234+00	50.00	-	812.78	1.54	-	-	-	1,461	1	-	10,874	2	-	1.14	-10,875.40
234+50	50.00	-	634.68	12.40	-	-	-	1,340	13	-	12,550	19	-	11.47	-12,561.03
235+00	50.00	58.65	182.61	20.42	-	54	-	757	30	54	13,495	58	-	35.78	-13,476.97
235+50	50.00	369.72	3.07	-	-	397	-	172	19	451	13,710	83	-	50.90	-13,310.37
236+00	50.00	918.21	-	-	-	1,193	-	3	-	1,643	13,714	83	-	50.90	-12,121.39
236+50	50.00	1,421.75	-	-	-	2,167	-	-	-	3,810	13,714	83	-	50.90	-9,954.76
237+00	50.00	1,844.89	-	-	-	3,025	-	-	-	6,835	13,714	83	-	50.90	-6,930.10
237+50	50.00	2,059.51	-	-	-	3,615	-	-	-	10,450	13,714	83	-	50.90	-3,314.91
238+00	50.00	1,951.84	-	-	-	3,714	-	-	-	14,164	13,714	83	-	50.90	399.29
238+50	50.00	2,045.17	-	-	-	3,701	-	-	-	17,865	13,714	83	-	50.90	4,100.22
239+00	50.00	2,068.61	-	-	-	3,809	-	-	-	21,674	13,714	83	-	50.90	7,909.28
239+50	50.00	2,127.43	-	-	-	3,885	-	-	-	25,559	13,714	83	-	50.90	11,794.50
240+00	50.00	2,123.57	-	-	-	3,936	-	-	-	29,495	13,714	83	-	50.90	15,730.61
240+50	50.00	1,690.42	-	-	-	3,531	-	-	-	33,027	13,714	83	-	50.90	19,262.09
241+00	50.00	1,054.84	-	-	-	2,542	-	-	-	35,569	13,714	83	-	50.90	21,804.00
241+50	50.00	776.23	17.49	-	-	1,695	-	16	-	37,264	13,734	83	-	50.90	23,479.20
242+00	50.00	93.83	513.51	77.33	-	806	-	492	72	38,070	14,349	176	-	108.19	23,612.94
242+50	50.00	-	2,103.39	-	-	87	-	2,423	72	38,157	17,378	269	-	20,613.72	
242+62.35	12.35	-	2,354.40	-	-	-	-	1,020	-	38,157	18,652	269	-	165.47	19,339.27
243+00	37.65	-	2,696.52	-	-	-	-	3,522	-	38,157	23,054	269	-	165.47	14,937.31
243+50	50.00	3.73	1,027.64	-	-	3	-	3,448	-	38,160	27,364	269	-	165.47	10,630.38
244+00	50.00	-	2,411.97	-	-	3	-	3,185	-	38,164	31,345	269	-	165.47	6,652.81
244+50	50.00	-	2,090.06	-	-	-	-	4,169	-	38,164	36,556	269	-	165.47	1,442.12
245+00	50.00	-	1,801.11	-	-	-	-	3,603	-	38,164	41,060	269	-	165.47	-3,061.55
245+50	50.00	1.33	1,157.99	-	-	1	-	2,740	-	38,165	44,485	269	-	165.47	-6,485.21
246+00	50.00	32.93	788.20	19.98	-	32	-	1,802	19	38,197	46,737	293	-	180.27	-8,720.82
246+50	50.00	27.20	662.99	-	-	56	-	1,344	19	38,252	48,417	317	-	195.07	-10,359.56
247+00	50.00	0.96	774.48	-	-	26	-	1,331	-	38,278	50,081	317	-	195.07	-11,997.23
247+50	50.00	-	1,016.60	-	-	1	-	1,658	-	38,279	52,154	317	-	195.07	-14,069.35
248+00	50.00	-	961.34	15.34	-	-	-	1,831	14	38,279	54,443	335	-	206.43	-16,370.01
248+50	50.00	-	792.61	-	-	-	-	1,624	14	38,279	56,473	354	-	217.79	-18,411.40
249+00	50.00	-	1,083.74	-	-	-	-	1,737	-	38,279	58,645	354	-	217.79	-20,583.10
249+50	50.00	-	1,078.47	-	-	-	-	2,002	-	38,279	61,147	354	-	217.79	-23,085.65

Sheet 1 = 38,279 0 48,918 272

PROJECT: 8110-02-72

HWY: STH 64

COUNTY: ST. CROIX

EARTHWORK DETAILS: STAGE 2N - STH 64 NORTH

SHEET: 716

E

FILE NAME: N:\PDS\CD61100201\Sheet\PLAN\8110-02-72\8110-02-72_ew.PPTX

PLOT DATE: 11/13/2014 12:45:27 PM

PLOT BY: DOTERA

PLOT NAME: EW DETAILS

PLOT SCALE: NONE

Addendum No. 1
ID 8110-02-72
Revised Sheet 717
November 26, 2014

STAGE 2N – STH 64 NORTH

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate		
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Expanded EBS		In Fill		Reduced EBS	
										Backfill	1.30				Note 5
						Note 1		Note 2		Note 3		1.00	1.25	1.30	Note 8
250+00	50.00	-	-	1,120.59	10.74	-	-	-	2,036	10	38,279	63,692	367	225.75	-25,638.81
250+50	50.00	-	-	1,042.78	65.92	-	-	-	2,003	71	38,279	66,196	459	282.53	-28,199.49
251+00	50.00	-	-	1,117.04	14.49	-	-	-	2,000	74	38,279	68,696	556	342.10	-30,758.84
251+50	50.00	-	-	1,309.69	-	-	-	-	2,247	13	38,279	71,505	573	352.83	-33,578.29
252+00	50.00	-	-	1,325.32	-	-	-	-	2,440	-	38,279	74,555	573	352.83	-36,628.07
252+50	50.00	-	-	1,482.71	-	-	-	-	2,600	-	38,279	77,805	573	352.83	-39,878.10
253+00	50.00	-	-	1,396.78	-	-	-	-	2,666	-	38,279	81,137	573	352.83	-43,210.84
253+50	50.00	-	-	1,084.56	59.38	-	-	-	2,298	55	38,279	84,009	645	396.81	-46,126.74
254+00	50.00	-	-	821.35	64.96	-	-	-	1,765	115	38,279	86,215	794	488.92	-48,424.77
254+50	50.00	-	-	830.95	64.70	-	-	-	1,530	120	38,279	88,128	951	584.96	-50,433.19
255+00	50.00	2.82	-	986.61	33.35	3	-	-	1,683	91	38,282	90,231	1,069	657.59	-52,606.86
255+50	50.00	0.59	-	893.07	68.36	3	-	-	1,740	94	38,285	92,407	1,191	732.93	-54,854.59
256+00	50.00	11.77	-	573.96	136.75	11	-	-	1,358	190	38,296	94,105	1,438	884.87	-56,693.03
256+50	50.00	29.06	-	549.32	-	38	-	-	1,040	127	38,334	95,405	1,603	986.16	-58,056.62
257+00	50.00	12.84	-	683.91	-	39	-	-	1,142	-	38,373	96,832	1,603	986.16	-59,445.18
257+50	50.00	3.16	-	645.18	-	15	-	-	1,231	-	38,388	98,370	1,603	986.16	-60,968.67
258+00	50.00	5.52	-	397.68	-	8	-	-	966	-	38,396	99,577	1,603	986.16	-62,167.63
258+50	50.00	4.87	-	360.77	-	10	-	-	702	-	38,406	100,455	1,603	986.16	-63,035.84
259+00	50.00	1.73	-	438.52	-	6	-	-	740	-	38,412	101,380	1,603	986.16	-63,954.85
259+50	50.00	7.89	-	334.03	-	9	-	-	715	-	38,421	102,275	1,603	986.16	-64,840.10
260+00	50.00	15.64	-	229.54	-	22	-	-	522	-	38,442	102,927	1,603	986.16	-65,470.59
260+20	20.00	25.87	-	163.00	-	15	-	-	458	-	38,458	103,109	1,603	986.16	-65,636.95
260+50	30.00	51.84	-	85.51	-	43	-	-	138	-	38,501	103,281	1,603	986.16	-65,766.35
261+00	50.00	27.39	-	113.47	-	73	-	-	184	-	38,574	103,511	1,603	986.16	-65,923.28
261+50	50.00	62.18	-	112.35	-	83	-	-	209	-	38,657	103,773	1,603	986.16	-66,101.72
261+90	40.00	127.46	-	60.13	-	140	-	-	128	-	38,798	103,932	1,603	986.16	-66,120.96
262+00	10.00	150.81	-	59.32	-	52	-	-	22	-	38,849	103,960	1,603	986.16	-66,097.08
262+50	50.00	56.16	-	263.58	-	192	-	-	299	-	39,041	104,334	1,603	986.16	-66,279.15
262+80	30.00	37.74	-	332.60	-	52	-	-	331	-	39,093	104,748	1,603	986.16	-66,641.00
263+00	20.00	47.45	-	349.08	-	32	-	-	252	-	39,125	105,063	1,603	986.16	-66,925.04
263+50	50.00	101.40	-	287.55	-	138	-	-	589	-	39,262	105,800	1,603	986.16	-67,524.06
263+70	20.00	161.69	-	199.70	-	97	-	-	180	-	39,360	106,026	1,603	986.16	-67,652.19
263+70.68	0.68	164.67	-	196.34	-	4	-	-	5	-	39,364	106,032	1,603	986.16	-67,654.31
264+00	29.32	211.83	-	100.79	-	204	-	-	161	-	39,568	106,234	1,603	986.16	-67,651.55
264+50	50.00	279.34	-	18.92	-	455	-	-	111	-	40,023	106,372	1,603	986.16	-67,335.31
264+60	10.00	292.83	-	11.45	-	106	-	-	6	-	40,129	106,379	1,603	986.16	-67,236.38
265+00	40.00	312.25	-	3.75	-	448	-	-	11	-	40,577	106,393	1,603	986.16	-66,802.24
265+50	50.00	140.24	-	42.37	-	419	-	-	43	-	40,996	106,447	1,603	986.16	-66,436.65
266+00	50.00	42.63	-	70.97	-	169	-	-	105	-	41,166	106,578	1,603	986.16	-66,398.51
266+50	50.00	10.78	-	75.04	-	49	-	-	135	-	41,215	106,747	1,603	986.16	-66,518.06

Sheet 2 = 2,936 0 36,480 960

PROJECT: 8110-02-72

HWY: STH 64

COUNTY: ST. CROIX

EARTHWORK DETAILS: STAGE 2N – STH 64 NORTH

SHEET: 717

E

FILE NAME: N:\PDS\CD61100201\Sheet\PLAN\8110-02-72\8110-02-72_ew.PPTX

PLOT DATE: 11/13/2014 12:45:27 PM

PLOT BY: DOTERA

PLOT NAME: EW DETAILS

PLOT SCALE: NONE

Addendum No. 1
ID 8110-02-72
Revised Sheet 718
November 26, 2014

STAGE 2N – STH 64 NORTH

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate	
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Expanded EBS		Reduced EBS		
										Backfill	In Fill			
						Note 1	Note 2	Note 3		1.00 Note 1	1.25	1.30 Note 5	0.80 Note 7	Note 8
266+94.28	44.28	3.42	-	149.37	-	12	-	184	-	41,227	106,977	1,603	986.16	-66,736.42
267+00	5.72	1.53	-	167.22	-	1	-	34	-	41,227	107,019	1,603	986.16	-66,777.85
267+50	50.00	339.84	-	339.84	-	3	-	469	-	41,230	107,606	1,603	986.16	-67,362.07
268+00	50.00	5.42	-	664.98	-	6	-	930	-	41,236	108,769	1,603	986.16	-68,518.81
268+50	50.00	0.16	-	1,009.68	-	5	-	1,551	-	41,241	110,707	1,603	986.16	-70,451.91
269+00	50.00	-	-	1,097.28	-	0	-	1,951	-	41,241	113,146	1,603	986.16	-72,890.37
269+50	50.00	-	-	1,029.00	-	-	-	1,969	-	41,241	115,607	1,603	986.16	-75,351.34
270+00	50.00	6.33	-	817.95	-	6	-	1,710	-	41,247	117,744	1,603	986.16	-77,483.15
270+50	50.00	109.03	-	285.14	-	107	-	1,021	-	41,354	119,021	1,603	986.16	-78,653.06
271+00	50.00	484.20	-	40.50	-	549	-	302	-	41,903	119,398	1,603	986.16	-78,480.67
271+50	50.00	676.15	-	27.05	-	1,074	-	63	-	42,978	119,476	1,603	986.16	-77,484.45
272+00	50.00	459.97	-	20.01	-	1,052	-	44	-	44,030	119,531	1,603	986.16	-76,486.96
272+50	50.00	789.97	-	7.38	-	1,157	-	25	-	45,187	119,562	1,603	986.16	-75,361.31
273+00	50.00	1,087.72	-	-	-	1,739	-	7	-	46,926	119,571	1,603	986.16	-73,631.25
273+03.95	3.95	1,096.58	-	-	-	160	-	-	-	47,086	119,571	1,603	986.16	-73,471.44
273+50	46.05	1,027.05	-	-	-	1,811	-	-	-	48,897	119,571	1,603	986.16	-71,660.49
274+00	50.00	916.76	-	-	-	1,800	-	-	-	50,696	119,571	1,603	986.16	-69,860.67
274+50	50.00	768.25	-	-	-	1,560	-	-	-	52,257	119,571	1,603	986.16	-68,300.48
275+00	50.00	740.79	-	-	-	1,397	-	-	-	53,654	119,571	1,603	986.16	-66,903.21
275+50	50.00	725.38	-	-	-	1,358	-	-	-	55,011	119,571	1,603	986.16	-65,545.65
276+00	50.00	500.59	-	0.12	-	1,135	-	0	-	56,147	119,571	1,603	986.16	-64,410.63
276+50	50.00	452.00	-	-	-	882	-	0	-	57,029	119,571	1,603	986.16	-63,528.75
277+00	50.00	892.82	-	-	-	1,245	-	-	-	58,274	119,571	1,603	986.16	-62,283.55
277+50	50.00	1,155.19	-	-	-	1,896	-	-	-	60,170	119,571	1,603	986.16	-60,387.24
278+00	50.00	879.71	-	-	-	1,884	-	-	-	62,054	119,571	1,603	986.16	-58,503.08
278+50	50.00	769.16	-	-	-	1,527	-	-	-	63,581	119,571	1,603	986.16	-56,976.36
279+00	50.00	834.70	-	-	-	1,485	-	-	-	65,066	119,571	1,603	986.16	-55,491.31
279+50	50.00	943.62	-	-	-	1,647	-	-	-	66,713	119,571	1,603	986.16	-53,844.72
280+00	50.00	1,142.72	-	-	-	1,932	-	-	-	68,644	119,571	1,603	986.16	-51,912.93
280+50	50.00	1,274.70	-	-	-	2,238	-	-	-	70,883	119,571	1,603	986.16	-49,674.58
281+00	50.00	1,410.41	-	-	-	2,486	-	-	-	73,369	119,571	1,603	986.16	-47,188.37
281+47	47.00	1,570.33	-	-	-	2,594	-	-	-	75,963	119,571	1,603	986.16	-44,594.02
281+50	3.00	1,586.33	-	-	-	175	-	-	-	76,139	119,571	1,603	986.16	-44,418.65
282+00	50.00	1,710.82	-	-	-	3,053	-	-	-	79,192	119,571	1,603	986.16	-41,365.73
282+37	37.00	1,695.11	-	-	-	2,334	-	-	-	81,525	119,571	1,603	986.16	-39,032.03
282+37.22	0.22	1,708.42	-	-	-	14	-	-	-	81,539	119,571	1,603	986.16	-39,017.99
282+50	12.78	1,705.75	-	0.89	-	808	-	0	-	82,347	119,571	1,603	986.16	-38,210.41
283+00	50.00	1,721.93	-	-	-	3,174	-	1	-	85,521	119,572	1,603	986.16	-35,037.66
283+27	27.00	1,731.48	-	-	-	1,727	-	-	-	87,248	119,572	1,603	986.16	-33,310.96
283+50	23.00	1,703.86	-	-	-	1,463	-	-	-	88,711	119,572	1,603	986.16	-31,847.76

Sheet 3 = 47.496 0 10.260 0

PROJECT: 8110-02-72

HWY: STH 64

COUNTY: ST. CROIX

EARTHWORK DETAILS: STAGE 2N – STH 64 NORTH

SHEET: 718

E

FILE NAME: N:\PDS\CD61100201\Sheet\PLAN\8110-02-72\8110-02-72_ew.PPTX

PLOT DATE: 11/13/2014 12:45:27 PM

PLOT BY: DOTERA

PLOT NAME: EW DETAILS

PLOT SCALE: NONE

SHEET: 718

E

Addendum No. 1
ID 8110-02-72
Revised Sheet 719
November 26, 2014

STAGE 2N – STH 64 NORTH

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate	
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Expanded EBS		In Fill		
										Backfill	Reduced EBS			
						Note 1	Note 2	Note 3		1.00 Note 1	1.25	1.30 Note 5	0.80 Note 7	Note 8
284+00	50.00	1,611.62	-	-	-	3,070	-	-	-	91,781	119,572	1,603	986.16	-28,777.87
284+17	17.00	1,577.34	-	-	-	1,004	-	-	-	92,785	119,572	1,603	986.16	-27,773.94
284+50	33.00	1,513.63	-	-	-	1,889	-	-	-	94,674	119,572	1,603	986.16	-25,885.02
285+00	50.00	1,476.38	-	-	-	2,769	-	-	-	97,442	119,572	1,603	986.16	-23,116.49
285+07	7.00	1,447.12	-	-	-	379	-	-	-	97,821	119,572	1,603	986.16	-22,737.51
285+50	43.00	1,385.16	-	-	-	2,255	-	-	-	100,076	119,572	1,603	986.16	-20,482.18
285+85	35.00	1,338.19	-	-	-	1,765	-	-	-	101,842	119,572	1,603	986.16	-18,717.04
286+00	15.00	1,319.47	-	-	-	738	-	-	-	102,580	119,572	1,603	986.16	-17,978.80
286+50	50.00	1,245.95	-	-	-	2,375	-	-	-	104,955	119,572	1,603	986.16	-15,603.41
287+00	50.00	1,110.34	1.2	-	-	2,182	1.1	-	-	107,137	119,572	1,603	986.16	-13,422.82
287+50	50.00	1,188.21	2.7	-	-	2,128	3.6	-	-	109,265	119,572	1,603	986.16	-11,298.14
288+00	50.00	1,104.28	4.0	-	-	2,123	6.2	-	-	111,388	119,572	1,603	986.16	-9,181.62
288+50	50.00	1,035.58	5.4	-	-	1,981	8.7	-	-	113,369	119,572	1,603	986.16	-7,208.93
289+00	50.00	974.29	6.8	-	-	1,861	11.3	-	-	115,230	119,572	1,603	986.16	-5,359.22
289+50	50.00	936.15	8.1	-	-	1,769	13.8	-	-	116,999	119,572	1,603	986.16	-3,604.13
290+00	50.00	1,159.64	9.5	-	-	1,941	16.3	-	-	118,940	119,572	1,603	986.16	-1,679.89
290+50	50.00	1,096.49	10.9	-	-	2,089	18.9	-	-	121,029	119,572	1,603	986.16	390.26
291+00	50.00	1,045.35	12.4	-	-	1,983	21.6	-	-	123,012	119,572	1,603	986.16	2,351.86
291+50	50.00	971.87	13.7	-	-	1,868	24.2	-	-	124,880	119,572	1,603	986.16	4,195.49
292+00	50.00	957.73	15.0	-	-	1,787	26.5	-	-	126,666	119,572	1,603	986.16	5,955.64
292+50	50.00	921.41	15.5	-	-	1,740	28.2	-	-	128,406	119,572	1,603	986.16	7,667.39
293+00	50.00	885.94	15.7	-	-	1,673	28.8	-	-	130,080	119,572	1,603	986.16	9,312.05
293+50	50.00	858.35	15.9	-	-	1,615	29.2	-	-	131,695	119,572	1,603	986.16	10,897.96
294+00	50.00	865.47	16.0	-	-	1,596	29.5	-	-	133,291	119,572	1,603	986.16	12,464.56
294+50	50.00	886.27	16.2	-	-	1,622	29.9	-	-	134,913	119,572	1,603	986.16	14,056.66
295+00	50.00	894.17	16.4	-	-	1,649	30.3	-	-	136,561	119,572	1,603	986.16	15,674.96
295+50	50.00	911.02	16.8	-	-	1,671	30.8	-	-	138,233	119,572	1,603	986.16	17,315.68
296+00	50.00	911.95	16.8	-	-	1,688	31.1	-	-	139,921	119,572	1,603	986.16	18,972.50
296+50	50.00	839.38	17.0	-	-	1,622	31.4	-	-	141,543	119,572	1,603	986.16	20,562.74
297+00	50.00	807.50	17.3	-	-	1,525	31.8	-	-	143,067	119,572	1,603	986.16	22,055.88
297+50	50.00	727.86	17.5	-	-	1,422	32.1	-	-	144,489	119,572	1,603	986.16	23,445.37
298+00	50.00	634.26	17.7	-	-	1,261	32.5	-	-	145,750	119,572	1,603	986.16	24,674.06
298+50	50.00	522.76	17.9	-	-	1,071	32.9	-	-	146,822	119,572	1,603	986.16	25,712.46
299+00	50.00	412.44	18.1	-	-	866	33.3	-	-	147,687	119,572	1,603	986.16	26,545.05
299+50	50.00	347.87	18.3	-	-	704	33.7	-	-	148,391	119,572	1,603	986.16	27,215.32
300+00	50.00	277.45	18.6	1.25	-	579	34.1	1	-	148,970	119,574	1,603	986.16	27,758.73
300+50	50.00	248.94	18.8	2.48	-	487	34.6	3	-	149,458	119,578	1,603	986.16	28,207.22
301+00	50.00	216.44	19.2	2.09	-	431	35.2	4	-	149,889	119,583	1,603	986.16	28,597.69
301+50	50.00	194.48	18.3	6.22	-	380	34.7	8	-	150,269	119,593	1,603	986.16	28,933.87
302+00	50.00	188.58	18.9	0.16	-	355	34.4	6	-	150,624	119,600	1,603	986.16	29,246.75

Sheet 4 = 61.913 791 22 0

STAGE 2N - STH 64 NORTH

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate		
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Expanded EBS		Reduced EBS	
						Note 1	Note 2	Note 3						Note 7	Note 8
302+50	50.00	174.15	18.8	-	-	336	34.9	0	-	150,960	119,601	1,603	986.16		29,547.50
303+00	50.00	159.22	19.1	-	-	309	35.1	-	-	151,269	119,601	1,603	986.16		29,821.05
303+50	50.00	152.40	26.0	-	-	289	41.8	-	-	151,557	119,601	1,603	986.16		30,067.83
304+00	50.00	3.88	0.1	-	-	145	24.2	-	-	151,702	119,601	1,603	986.16		30,188.37
304+50	50.00	6.25	-	-	-	9	0.1	-	-	151,711	119,601	1,603	986.16		30,197.64
305+00	50.00	-	-	-	-	6	-	-	-	151,717	119,601	1,603	986.16		30,203.42
305+20.55	20.55	-	-	-	-	-	-	-	-	151,717	119,601	1,603	986.16		30,203.42
305+50	29.45	-	-	-	-	-	-	-	-	151,717	119,601	1,603	986.16		30,203.42
306+00	50.00	0.24	-	-	-	0	-	-	-	151,717	119,601	1,603	986.16		30,203.64

Sheet 5 = 1,093 136 0 0

Total = 151,717 927 95,681 1,233

Addendum No. 1
ID 8110-02-72
Added Sheet 719A
November 26, 2014

PROJECT: 8110-02-72	HWY: STH 64	COUNTY: ST. CROIX	EARTHWORK DETAILS: STAGE 2N - STH 64 NORTH	SHEET: 719A	E
---------------------	-------------	-------------------	--	-------------	---

FILE NAME: N:\PDS\CD061100201\SHEET\SP\AN8110-02-72\8110-02-72_ew.PPTX PLOT DATE: 11/13/2014 12:45:27 PM PLOT BY: DOTERA PLOT NAME: EW DETAILS PLOT SCALE: NONE

STAGE 2N – FRONTAGE ROAD A

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate
		Cut	Salvaged/ Unusable Pavement Material	Fill	EBS	Cut	Salvaged/ Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Backfill	
		Note 1	Note 2	Note 3	Note 1	Note 2	Note 3	Note 1	Note 1	Note 1	Note 5	Note 7	Note 8
230+18.4	0.00	-	-	136.76	-	-	-	-	-	-	-	-	0.00
230+50	31.60	-	-	321.11	-	-	268	-	-	-	335	-	-334.89
231+00	50.00	-	-	702.57	-	-	948	-	-	-	1,520	-	-1,519.70
231+50	50.00	-	-	794.28	-	-	1,386	-	-	-	3,252	-	-3,252.17
232+00	50.00	-	-	756.99	-	-	1,436	-	-	-	5,048	-	-5,047.62
232+50	50.00	-	-	758.16	-	-	1,403	-	-	-	6,801	-	-6,801.27
233+00	50.00	5.08	-	773.98	-	5	1,419	-	5	-	8,575	-	-8,569.89
233+50	50.00	51.01	-	640.81	-	52	1,310	-	57	-	10,212	-	-10,155.45
234+00	50.00	95.14	-	642.53	-	135	1,188	-	192	-	11,697	-	-11,505.48
234+50	50.00	191.98	-	493.13	-	266	1,052	-	458	-	13,012	-	-12,554.05
235+00	50.00	405.44	-	256.36	-	553	694	-	1,011	-	13,879	-	-12,868.35
235+50	50.00	811.89	-	32.11	-	1,127	267	-	2,138	-	14,213	-	-12,075.07
236+00	50.00	1,507.00	-	-	-	2,147	30	-	4,285	-	14,250	-	-9,965.12
236+50	50.00	2,054.90	-	-	-	3,298	-	-	7,583	-	14,250	-	-6,667.06
237+00	50.00	2,327.43	-	-	-	4,058	-	-	11,641	-	14,250	-	-2,609.35
237+50	50.00	2,340.69	-	-	-	4,322	-	-	15,963	-	14,250	-	-1,712.99
238+00	50.00	2,400.75	-	-	-	4,390	-	-	20,354	-	14,250	-	6,103.22
238+50	50.00	2,594.98	-	-	-	4,626	-	-	24,979	-	14,250	-	10,728.89
239+00	50.00	2,619.40	-	-	-	4,828	-	-	29,807	-	14,250	-	15,557.02
239+50	50.00	2,757.73	-	-	-	4,979	-	-	34,786	-	14,250	-	20,535.86
240+00	50.00	2,899.60	-	-	-	5,238	-	-	40,024	-	14,250	-	25,774.13
240+50	50.00	2,636.44	-	-	-	5,126	-	-	45,150	-	14,250	-	30,900.09
241+00	50.00	1,904.81	-	-	-	4,205	-	-	49,355	-	14,250	-	35,104.95
241+50	50.00	687.56	-	0.93	-	2,400	-	1	51,756	-	14,251	-	37,504.21
242+00	50.00	108.35	-	480.36	-	737	-	446	52,493	-	14,808	-	37,684.12
242+30.75	30.75	58.51	-	871.42	-	95	770	-	52,588	-	15,771	-	36,816.94
243+00	69.25	14.63	-	640.23	-	94	1,939	-	52,681	-	18,194	-	34,487.55
243+50	50.00	10.34	-	703.05	-	23	1,244	-	52,705	-	19,749	-	32,955.94
243+87.61	37.61	102.08	7.7	636.46	-	78	933	-	52,783	-	20,915	-	31,862.56
244+50	62.39	40.94	7.9	403.30	-	165	1,201	-	52,948	-	22,416	-	30,508.22
245+00	50.00	7.76	7.6	216.17	-	45	574	-	52,993	-	23,133	-	29,821.98
245+50	50.00	7.50	7.5	170.49	-	14	358	-	53,007	-	23,581	-	29,374.58
246+00	50.00	12.20	7.6	83.40	-	18	235	-	53,026	-	23,875	-	29,085.01
246+50	50.00	30.64	7.5	24.98	-	40	100	-	53,065	-	24,000	-	28,985.28
247+00	50.00	38.48	7.5	15.50	-	64	37	-	53,129	-	24,047	-	28,988.50
247+50	50.00	43.16	7.5	12.38	-	76	26	-	53,205	-	24,079	-	29,017.89
248+00	50.00	43.02	7.5	9.69	-	80	20	-	53,285	-	24,105	-	29,058.24
248+50	50.00	40.38	7.4	1.97	-	77	11	-	53,362	-	24,118	-	29,108.15
248+61.16	11.16	38.51	7.4	0.75	-	16	1	-	53,378	-	24,119	-	29,120.69

Total = 53,378 138 19,295 0

PROJECT: 8110-02-72 HWY: STH 64 COUNTY: ST. CROIX EARTHWORK DETAILS: STAGE 2N – FRONTAGE ROAD A

PLOT NAME: EW DETAILS

PLOT BY: DOT/ERA

PLOT DATE: 11/13/2014 12:45:27 PM

SHEET: 720

E

Addendum No. 1
ID 8110-02-72
Revised Sheet 720
November 26, 2014

FILE NAME: N:\PDS\CD61100201\SHEET\PLAN\8110-02-72\8110-02-72_ew.PPTX

STAGE 2N – FRONTAGE ROAD B

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate			
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material Note 2	Fill	EBS	Cut 1.00 Note 1	Expanded Fill 1.25	Backfill 1.30 Note 5		In Fill 0.80 Note 7	Reduced EBS	
242+36	0.00	-	-	21.30	-	-	-	-	-	-	-	-	-	-	-	0.00
242+40	4.00	-	-	171.52	-	-	-	14	-	-	18	-	-	-	-	-17.85
242+50	10.00	-	-	521.94	-	-	-	128	-	-	178	-	-	-	-	-178.38
242+60	10.00	-	-	790.47	-	-	-	243	-	-	482	-	-	-	-	-482.17
242+70	10.00	-	-	884.84	-	-	-	310	-	-	870	-	-	-	-	-869.97
242+80	10.00	104.77	-	913.83	-	19	-	333	-	19	1,286	-	-	-	-	-1,266.93
242+90	10.00	176.54	7.8	1,023.62	-	52	1.4	359	-	71	1,735	-	-	-	-	-1,664.76
243+00	10.00	169.00	13.0	976.01	-	64	3.8	370	-	135	2,198	-	-	-	-	-2,067.49
243+50	50.00	140.00	16.1	400.63	-	286	27.0	1,275	-	422	3,791	-	-	-	-	-3,401.72
244+00	50.00	264.12	-	284.67	11.20	374	14.9	635	10	796	4,584	13	8.30	-	-	-3,843.94
244+50	50.00	297.84	-	223.38	17.42	520	-	470	27	1,316	5,172	48	29.50	-	-	-3,932.82
245+00	50.00	134.16	-	368.91	-	400	-	548	16	1,716	5,858	69	42.40	-	-	-4,231.25
245+50	50.00	57.28	-	438.20	-	177	-	747	-	1,893	6,792	69	42.40	-	-	-4,988.15
246+00	50.00	72.24	-	285.07	-	120	-	670	-	2,013	7,629	69	42.40	-	-	-5,705.35
246+50	50.00	67.82	-	429.92	-	130	-	662	-	2,143	8,457	69	42.40	-	-	-6,403.21
247+00	50.00	61.43	-	490.85	-	120	-	853	-	2,263	9,522	69	42.40	-	-	-7,349.25
247+50	50.00	87.88	-	520.04	-	138	-	936	-	2,401	10,692	69	42.40	-	-	-8,381.02
248+00	50.00	149.03	-	332.11	-	219	-	789	-	2,620	11,679	69	42.40	-	-	-9,147.95
248+50	50.00	185.52	-	189.53	52.62	310	-	483	49	2,930	12,282	132	81.38	-	-	-9,480.92
249+00	50.00	156.02	-	350.71	55.28	316	-	500	100	3,246	12,908	262	161.30	-	-	-9,869.89
249+50	50.00	98.29	-	288.41	55.13	235	-	592	102	3,482	13,647	395	243.09	-	-	-10,455.92
250+00	50.00	199.04	-	86.34	50.11	275	-	347	97	3,757	14,081	522	321.04	-	-	-10,692.30
250+50	50.00	181.93	-	51.55	48.66	353	-	128	91	4,110	14,241	641	394.21	-	-	-10,572.31
251+00	50.00	127.37	-	135.82	51.19	286	-	173	92	4,396	14,457	761	468.17	-	-	-10,576.75
251+50	50.00	115.11	-	153.16	50.36	225	-	268	94	4,621	14,792	883	543.39	-	-	-10,761.91
252+00	50.00	178.62	-	154.13	51.29	272	-	285	94	4,893	15,148	1,005	618.69	-	-	-10,920.88
252+50	50.00	104.19	-	194.44	52.17	262	-	323	96	5,155	15,551	1,130	695.33	-	-	-11,139.09
253+00	50.00	89.57	-	231.87	52.54	179	-	395	97	5,334	16,044	1,256	772.89	-	-	-11,530.66
253+50	50.00	39.99	-	295.07	53.25	120	-	488	98	5,454	16,654	1,383	851.25	-	-	-12,098.95
254+00	50.00	28.24	-	320.60	12.97	63	-	570	61	5,517	17,367	1,463	900.30	-	-	-12,797.41
254+50	50.00	37.09	-	306.83	14.46	60	-	581	25	5,578	18,093	1,496	920.62	-	-	-13,483.43
255+00	50.00	62.19	-	333.37	9.11	92	-	593	22	5,669	18,834	1,524	938.08	-	-	-14,149.94
255+50	50.00	21.28	-	363.86	-	77	-	646	8	5,747	19,641	1,535	944.83	-	-	-14,886.38
256+00	50.00	15.72	-	321.80	-	34	-	635	-	5,781	20,435	1,535	944.83	-	-	-15,645.73
256+50	50.00	-	-	353.56	-	15	-	625	-	5,796	21,216	1,535	944.83	-	-	-16,412.84
257+00	50.00	14.34	-	220.86	-	13	-	532	-	5,809	21,881	1,535	944.83	-	-	-17,064.40
257+50	50.00	97.07	-	47.93	-	103	-	249	-	5,912	22,192	1,535	944.83	-	-	-17,272.35
258+00	50.00	260.17	-	-	-	331	-	44	-	6,243	22,248	1,535	944.83	-	-	-16,997.05
258+50	50.00	273.85	-	-	-	494	-	-	-	6,737	22,248	1,535	944.83	-	-	-16,502.59
259+00	50.00	244.71	-	-	-	480	-	-	-	7,217	22,248	1,535	944.83	-	-	-16,022.44

Addendum No. 1
ID 8110-02-72
Revised Sheet 723
November 26, 2014

Sheet 1 = 7,217 47 17,798 1,181

PROJECT: 8110-02-72

HWY: STH 64

COUNTY: ST. CROIX

EARTHWORK DETAILS: STAGE 2N – FRONTAGE ROAD B

SHEET: 723

E

FILE NAME: N:\PDS\CD61100201\Sheet\PLAN\8110-02-72\8110-02-72_ew.PPTX

PLOT BY: DOTERA

PLOT DATE: 11/13/2014 12:45:27 PM

PLOT NAME: EW DETAILS

STAGE 2N – FRONTAGE ROAD B

STATION	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)					Mass Ordinate
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Backfill	In Fill	Reduced EBS	
						Note 1	Note 2	Note 3		1.00 Note 1	1.25	1.30 Note 5	0.80 Note 7	Note 8	
259+50	50.00	254.17	-	-	-	462	-	-	-	7,679	22,248	1,535	944.83	-15,560.50	
260+00	50.00	282.05	-	-	-	497	-	-	-	8,176	22,248	1,535	944.83	-15,064.00	
260+50	50.00	272.60	-	-	-	514	-	-	-	8,689	22,248	1,535	944.83	-14,550.43	
261+00	50.00	229.60	-	-	-	465	-	-	-	9,154	22,248	1,535	944.83	-14,085.43	
261+50	50.00	207.66	-	-	-	405	-	-	-	9,559	22,248	1,535	944.83	-13,680.56	
262+00	50.00	304.50	-	-	-	474	-	-	-	10,033	22,248	1,535	944.83	-13,206.33	
262+50	50.00	309.62	-	-	-	569	-	-	-	10,602	22,248	1,535	944.83	-12,637.70	
263+00	50.00	571.00	-	-	-	815	-	-	-	11,418	22,248	1,535	944.83	-11,822.31	
263+50	50.00	745.34	-	-	-	1,219	-	-	-	12,636	22,248	1,535	944.83	-10,603.48	
264+00	50.00	625.76	-	-	-	1,270	-	-	-	13,906	22,248	1,535	944.83	-9,333.94	
264+50	50.00	589.42	-	-	-	1,125	-	-	-	15,031	22,248	1,535	944.83	-8,208.77	
265+00	50.00	698.59	-	-	-	1,193	-	-	-	16,224	22,248	1,535	944.83	-7,016.17	

Sheet 2 = 9,006 0 0

Total = 16,224 47 17,798 1,181

Addendum No. 1
ID 8110-02-72
Revised Sheet 724
November 26, 2014

STAGE 3S - STH 64 GAP

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate		
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Backfill		Reduced EBS	
178+70.34	0.00	-	-	0.10	-	-	-	-	-	-	-	-	-	-	0.00
179+00	29.66	-	-	7.45	-	-	4	-	-	-	5	-	-	-	-5.19
179+50	50.00	-	-	18.23	-	-	24	-	-	-	35	-	-	-	-34.90
180+00	50.00	-	-	26.72	-	-	42	-	-	-	87	-	-	-	-86.92
180+20.33	20.33	-	-	28.94	-	-	21	-	-	-	113	-	-	-	-113.11
180+50	29.67	-	-	29.47	-	-	32	-	-	-	153	-	-	-	-153.23
180+83.73	33.73	-	-	209.62	-	-	149	-	-	-	340	-	-	-	-339.90
180+96.16	12.43	-	-	337.09	-	-	126	-	-	-	497	-	-	-	-497.22
181+00	3.84	-	-	395.08	-	-	52	-	-	-	562	-	-	-	-562.32
181+50	50.00	-	-	1,002.83	-	-	1,294	-	-	-	2,180	-	-	-	-2,180.27
181+52.41	2.41	-	-	993.52	-	-	89	-	-	-	2,292	-	-	-	-2,291.77
181+69.08	16.67	-	-	1,075.49	-	-	639	-	-	-	3,090	-	-	-	-3,090.00
181+85.75	16.67	-	-	1,121.40	-	-	678	-	-	-	3,938	-	-	-	-3,937.67
182+00	14.25	-	-	1,159.95	-	-	602	-	-	-	4,690	-	-	-	-4,690.30
182+02.41	2.41	-	-	1,160.65	-	-	104	-	-	-	4,820	-	-	-	-4,819.90
182+50	47.59	-	-	581.52	-	-	1,535	-	-	-	6,739	-	-	-	-6,739.00
182+58.67	8.67	-	-	420.22	-	-	161	-	-	-	6,940	-	-	-	-6,940.01
182+71.1	12.43	-	-	296.36	-	-	165	-	-	-	7,146	-	-	-	-7,146.22
183+00	28.90	-	-	147.57	-	-	238	-	-	-	7,443	-	-	-	-7,443.20
183+34.5	34.50	17.84	-	28.83	-	11	113	-	-	11	7,584	-	-	-	-7,572.66
183+50	15.50	17.10	-	26.94	-	10	16	-	-	21	7,604	-	-	-	-7,582.65
183+60	10.00	16.69	-	25.14	-	6	10	-	-	28	7,616	-	-	-	-7,588.45
184+00	40.00	231.33	-	7.87	-	184	24	-	-	211	7,647	-	-	-	-7,435.29
184+15	35.00	816.59	-	-	-	291	2	-	-	502	7,649	-	-	-	-7,146.94
184+50	15.00	1,740.70	107.2	3.98	-	1,658	69.5	3	-	2,160	7,653	-	-	-	-5,562.12
184+84.5	34.50	876.53	4.6	0.17	-	1,672	71.4	3	-	3,832	7,656	-	-	-	-3,964.87
185+00	15.50	410.34	-	-	-	369	1.3	0	-	4,201	7,656	-	-	-	-3,596.81
185+50	50.00	1.20	-	3.01	-	381	-	3	-	4,582	7,660	-	-	-	-3,219.24

Total = 4,582 142 6,128 0

Addendum No. 1
ID 8110-02-72
Revised Sheet 727
November 26, 2014

STAGE 3S - CTHLE

STATION	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate
		Cut	Salvaged/ Unusable Pavement Material	Fill	EBS	Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Fill Note 3	EBS	Cut 1.00 Note 1	Expanded Fill 1.25	Backfill 1.30 Note 5	Reduced EBS In Fill 0.80 Note 7	
40+50	0.00	-	-	-	-	-	-	-	-	-	-	-	0.00	
40+68.58	18.58	12.72	-	15.72	-	4	-	5	-	4	7	-	-2.38	
40+95.71	27.13	121.89	17.5	2.11	-	68	8.8	9	-	72	18	-	45.24	
41+40.9	45.19	93.84	17.6	45.79	-	181	29.4	40	-	253	68	-	146.30	
41+47.93	7.03	89.24	17.6	48.48	-	24	4.6	12	-	276	83	-	150.22	
41+85.09	37.16	113.12	17.6	41.89	-	139	24.2	62	-	416	161	-	187.54	
41+98.15	13.06	110.94	17.6	39.54	-	54	8.5	20	-	470	186	-	208.60	
42+30.28	32.14	114.12	17.6	97.36	-	134	20.9	81	-	604	288	-	219.74	
42+38.9	8.62	117.07	17.6	124.18	-	37	5.6	35	-	641	332	-	206.83	
42+49.16	10.26	116.12	17.6	155.74	-	44	6.7	53	-	685	398	-	177.96	
42+67.04	17.88	109.56	17.6	230.44	-	75	11.7	128	-	760	558	-	81.19	
42+99.15	32.11	80.29	17.7	337.77	-	113	21.0	338	-	873	980	-	-249.26	
43+49.06	49.92	28.19	17.7	541.51	-	100	32.7	813	-	973	1,996	-	-1,197.65	
43+99.33	50.26	18.19	17.7	819.48	-	43	32.9	1,267	-	1,016	3,580	-	-2,770.98	
44+48.37	49.05	17.74	17.7	1,091.76	-	33	32.2	1,736	-	1,049	5,750	-	-4,940.44	
45+00	51.63	16.62	16.6	1,214.03	-	32	31.8	2,321	-	1,080	8,651	-	-7,842.06	
45+50	50.00	16.50	16.5	1,383.05	-	31	30.7	2,405	-	1,111	11,657	-	-10,847.93	
46+00	50.00	16.41	16.4	1,426.13	-	30	30.5	2,601	-	1,142	14,909	-	-14,099.30	
46+50	50.00	16.35	16.4	1,406.40	-	30	30.3	2,623	-	1,172	18,187	-	-17,377.69	
47+00	50.00	16.31	16.3	1,306.97	-	30	30.2	2,512	-	1,202	21,328	-	-20,518.16	
47+50	50.00	16.29	16.3	1,234.84	-	30	30.2	2,354	-	1,232	24,270	-	-23,460.07	
48+00	50.00	16.30	16.3	1,456.17	-	30	30.2	2,492	-	1,262	27,384	-	-26,574.67	
48+50	50.00	16.33	16.3	1,331.18	-	30	30.2	2,581	-	1,293	30,610	-	-29,800.78	
49+00	50.00	16.35	16.4	1,326.06	-	30	30.3	2,460	-	1,323	33,686	-	-32,876.30	
49+50	50.00	18.55	18.6	1,364.19	-	32	32.3	2,491	-	1,355	36,799	-	-35,990.01	
50+00	50.00	25.25	25.3	1,204.88	-	41	40.6	2,379	-	1,396	39,773	-	-38,963.47	
50+50	50.00	19.02	19.0	1,073.76	-	41	41.0	2,110	-	1,437	42,410	-	-41,600.78	
51+00	50.00	16.27	16.3	800.16	-	33	32.7	1,735	-	1,469	44,579	-	-43,769.67	
51+50	50.00	16.47	16.5	593.64	-	30	30.3	1,291	-	1,500	46,192	-	-45,382.87	
52+00	50.00	16.50	16.5	380.49	-	31	30.5	902	-	1,530	47,320	-	-46,510.33	
52+50	50.00	16.52	16.5	283.75	-	31	30.6	615	-	1,561	48,089	-	-47,279.13	
53+00	50.00	11.88	16.5	70.57	-	26	30.6	328	-	1,587	48,499	-	-47,693.54	
53+50	50.00	16.56	16.6	53.28	-	26	30.7	115	-	1,614	48,642	-	-47,841.21	
54+00	50.00	19.66	19.7	4.11	-	34	33.5	53	-	1,647	48,708	-	-47,907.64	
54+50	50.00	26.82	9.6	5.50	-	43	27.0	9	-	1,690	48,720	-	-47,902.77	
54+93.99	43.99	23.95	5.4	0.42	-	41	12.2	5	-	1,731	48,726	-	-47,879.61	

Total = 1,731 886 38,980 0

Addendum No. 1
ID 8110-02-72
Revised Sheet 730
November 26, 2014

PROJECT: 8110-02-72 HWY: STH 64 COUNTY: ST. CROIX EARTHWORK DETAILS: STAGE 3S - CTHLE

PLOT NAME: EW DETAILS

PLOT BY: DOT/ERA

PLOT DATE: 11/13/2014 12:57:47 PM

FILE NAME: N:\PDS\CD61100201\Sheet\PLAN\8110-02-72\8110-02-72_ew.PPTX

SHEET: 730

E

STAGE 3S - THELEN FARM TRAIL

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate		
		Cut	Salvaged/ Unusable Pavement Material	Fill	EBS	Cut	Salvaged/ Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Backfill		In Fill	Reduced EBS
80+50	0.00	18.84	18.8	802.35	-	-	-	-	-	1.00	1.25	1.30	0.80	Note 7	Note 8
80+60	10.00	15.25	15.3	737.86	-	6	6.3	285	-	6	357	-	-	-	0.00
80+70	10.00	13.19	13.2	638.81	-	5	5.3	255	-	12	675	-	-	-	-356.53
80+80	10.00	12.00	12.0	533.29	-	5	4.7	217	-	16	947	-	-	-	-675.20
80+90	10.00	10.76	10.8	529.06	-	4	4.2	197	-	20	1,192	-	-	-	-946.52
81+00	10.00	9.92	9.9	476.00	-	4	3.8	186	-	24	1,425	-	-	-	-1,192.44
81+50	50.00	9.79	9.8	257.46	-	18	18.3	679	-	43	2,274	-	-	-	-1,425.09
82+00	50.00	10.28	10.3	130.12	-	19	18.6	359	-	61	2,723	-	-	-	-2,274.00
82+50	50.00	10.76	10.8	49.75	-	19	19.5	167	-	81	2,931	-	-	-	-2,722.59
83+00	50.00	15.51	12.2	1.72	-	24	21.3	48	-	105	2,990	-	-	-	-2,930.77
83+50	50.00	35.08	10.8	-	-	47	21.3	2	-	152	2,992	-	-	-	-2,987.29
83+92	42.68	39.83	11.0	-	-	59	17.2	-	-	211	2,992	-	-	-	-2,963.77
															-2,921.79

Total = 211 140 2,394 0

Addendum No. 1
ID 8110-02-72
Revised Sheet 731
November 26, 2014

PROJECT: 8110-02-72	HWY: STH 64	COUNTY: ST. CROIX	EARTHWORK DETAILS: STAGE 3S - THELEN FARM TRAIL	SHEET: 731	E
---------------------	-------------	-------------------	---	------------	---

FILE NAME: N:\PDS\ICD\81100201\SHEET\PLAN\8110-02-72\8110-02-72_ew.PPTX

PLOT DATE: 11/13/2014 12:57:47 PM PLOT BY: DOTERA PLOT NAME: EW DETAILS PLOT SCALE: NONE

STATION	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate	
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Backfill	In Fill		Reduced EBS
						Note 1	Note 2	Note 3		1.00 Note 1	1.25	1.30 Note 5	0.80 Note 7	Note 8	
226+50	0.00	184.53	-	411.89	25.57	-	-	-	-	-	821	72	-	0.00	
227+00	50.00	218.60	11.8	297.61	34.55	373	10.9	657	56	373	1,357	159	44.53	-503.34	
227+50	50.00	324.17	16.8	165.55	37.11	503	26.4	429	66	876	1,357	159	97.61	-616.34	
228+00	50.00	335.82	19.6	129.76	8.08	611	33.6	273	42	1,487	1,699	213	131.09	-414.13	
228+50	50.00	429.87	19.3	187.77	15.21	709	36.0	294	22	2,196	2,067	241	148.34	-125.92	
229+00	50.00	411.22	22.2	161.23	11.77	779	38.4	323	25	2,975	2,470	274	168.33	190.54	
229+50	50.00	384.21	19.2	178.54	-	737	38.3	315	11	3,711	2,864	288	177.04	486.79	
230+00	50.00	287.15	18.8	148.48	-	622	35.2	303	-	4,333	3,242	288	177.04	694.77	
230+50	50.00	208.54	18.6	194.70	-	459	34.6	318	-	4,792	3,639	288	177.04	721.90	
231+00	50.00	262.74	18.4	-	-	436	34.3	180	-	5,228	3,865	288	177.04	898.59	
231+50	50.00	420.07	18.3	6.10	9.57	632	34.0	6	9	5,860	3,872	299	184.13	1,482.70	
232+00	50.00	512.76	18.1	124.73	3.20	864	33.6	121	12	6,724	4,023	315	193.59	2,151.92	
232+50	50.00	591.92	17.9	113.54	3.06	1,023	33.3	221	6	7,747	4,299	322	198.23	2,861.05	
233+00	50.00	662.91	18.0	67.97	3.44	1,162	33.2	168	6	8,909	4,509	330	203.04	3,774.80	
233+50	50.00	727.05	18.4	3.99	23.36	1,287	33.6	67	25	10,196	4,592	362	222.90	4,925.01	
234+00	50.00	658.55	20.1	21.90	8.62	1,283	35.6	24	30	11,479	4,622	401	246.59	6,118.75	
234+33.52	33.52	684.35	23.2	11.97	25.90	834	26.8	21	21	12,312	4,649	429	263.73	6,882.01	
234+50	16.48	692.41	27.3	3.43	23.68	420	15.4	5	15	12,733	4,655	448	275.83	7,268.87	
235+00	50.00	725.17	21.9	-	-	1,313	45.5	3	22	14,045	4,658	477	293.37	8,514.46	
235+50	50.00	263.02	2.1	-	-	915	22.2	-	-	14,960	4,658	477	293.37	9,407.27	
236+00	50.00	78.72	-	0.17	-	316	1.9	0	-	15,277	4,659	477	293.37	9,721.55	
236+50	50.00	43.63	-	-	-	113	-	0	-	15,390	4,659	477	293.37	9,834.63	
237+00	50.00	75.55	-	-	-	110	-	-	-	15,500	4,659	477	293.37	9,944.98	
237+50	50.00	188.74	-	-	-	245	-	-	-	15,745	4,659	477	293.37	10,189.69	
238+00	50.00	242.28	-	-	-	399	-	-	-	16,144	4,659	477	293.37	10,588.79	
238+50	50.00	231.18	-	-	-	438	-	-	-	16,582	4,659	477	293.37	11,027.18	
239+00	50.00	231.26	-	-	-	428	-	-	-	17,011	4,659	477	293.37	11,455.36	
239+50	50.00	210.68	-	-	-	409	-	-	-	17,420	4,659	477	293.37	11,864.57	
240+00	50.00	176.48	-	0.23	-	358	-	0	-	17,778	4,659	477	293.37	12,222.79	
240+50	50.00	191.79	-	-	-	341	-	0	-	18,119	4,659	477	293.37	12,563.52	
241+00	50.00	139.90	-	-	-	307	-	-	-	18,426	4,659	477	293.37	12,870.65	
241+50	50.00	120.75	-	-	-	241	-	-	-	18,668	4,659	477	293.37	13,111.99	
242+00	50.00	56.88	-	-	-	164	-	-	-	18,832	4,659	477	293.37	13,276.47	
242+50	50.00	4.03	-	1.49	-	56	-	1	-	18,889	4,661	477	293.37	13,331.14	
242+62.35	12.35	1.23	-	16.27	-	1	-	4	-	18,890	4,666	477	293.37	13,327.26	
243+00	37.65	1.07	-	68.04	-	2	-	59	-	18,891	4,740	477	293.37	13,255.38	
243+50	50.00	36.59	7.4	-	-	35	6.9	63	-	18,926	4,818	477	293.37	13,204.63	
244+00	50.00	18.11	0.7	13.23	-	51	7.5	12	-	18,977	4,834	477	293.37	13,232.42	
244+50	50.00	-	-	131.39	-	17	0.7	134	-	18,994	5,001	477	293.37	13,081.12	
245+00	50.00	-	-	89.95	-	-	-	205	-	18,994	5,257	477	293.37	12,824.93	

Addendum No. 1
ID 8110-02-72
Revised Sheet 732
November 26, 2014

Sheet 1 = 18,994 618 4,206 367

STAGE 3N – STH 64 EB

STATION	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate
	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Backfill	In Fill	
Distance					Note 1	Note 2	Note 3		Note 1	1.25	1.30	Note 7	Note 8
245+50	13.46	-	5.68	-	12	-	89	-	19,006	5,368	477	293.37	12,726.71
246+00	14.51	-	0.71	-	26	-	6	-	19,032	5,375	477	293.37	12,745.21
246+50	23.46	-	0.28	-	35	-	1	-	19,067	5,377	477	293.37	12,779.21
247+00	5.64	-	1.87	-	27	-	2	-	19,094	5,379	477	293.37	12,803.67
247+50	1.84	-	5.11	-	7	-	6	-	19,101	5,387	477	293.37	12,802.51
248+00	0.69	-	11.16	-	2	-	15	-	19,103	5,406	477	293.37	12,786.03
248+50	1.22	-	26.75	-	2	-	35	-	19,105	5,450	477	293.37	12,743.92
249+00	5.35	-	19.52	-	6	-	43	-	19,111	5,503	477	293.37	12,696.45
249+50	-	-	191.67	-	5	-	196	-	19,116	5,748	477	293.37	12,456.97
250+00	-	-	287.81	-	-	-	444	-	19,116	6,303	477	293.37	11,902.02
250+50	-	-	223.88	-	-	-	474	-	19,116	6,895	477	293.37	11,309.78
251+00	-	-	105.50	-	-	-	305	-	19,116	7,276	477	293.37	10,928.55
251+50	-	-	11.89	-	-	-	109	-	19,116	7,412	477	293.37	10,792.69
252+00	-	-	51.44	-	-	-	59	-	19,116	7,485	477	293.37	10,719.39
252+50	-	-	141.04	-	-	-	178	-	19,116	7,708	477	293.37	10,496.61
253+00	-	-	115.18	-	-	-	237	-	19,116	8,005	477	293.37	10,200.05
253+50	-	-	34.80	-	-	-	139	-	19,116	8,178	477	293.37	10,026.46
254+00	1.59	-	17.76	-	1	-	49	-	19,118	8,239	477	293.37	9,967.11
254+50	-	-	69.80	-	1	-	81	-	19,119	8,340	477	293.37	9,867.23
255+00	0.62	-	6.20	-	1	-	70	-	19,120	8,428	477	293.37	9,779.85
255+50	6.93	-	7.85	-	7	-	13	-	19,127	8,445	477	293.37	9,770.58
256+00	8.76	-	5.37	-	15	-	12	-	19,141	8,460	477	293.37	9,769.80
256+50	34.42	-	1.91	-	40	-	7	-	19,181	8,468	477	293.37	9,801.36
256+85.85	105.78	16.4	2.36	-	93	10.9	3	-	19,274	8,472	477	293.37	9,880.02
257+00	7.38	-	-	-	30	4.3	1	-	19,304	8,473	477	293.37	9,904.59
257+50	11.18	-	-	-	17	-	-	-	19,321	8,473	477	293.37	9,921.78
258+00	12.10	-	-	-	22	-	-	-	19,343	8,473	477	293.37	9,943.34
258+50	5.15	-	0.13	-	16	-	0	-	19,359	8,473	477	293.37	9,959.16
259+00	2.80	-	0.38	-	7	-	0	-	19,366	8,473	477	293.37	9,965.94
259+50	1.61	-	0.48	-	4	-	1	-	19,370	8,474	477	293.37	9,969.03
260+00	5.01	-	-	-	6	-	0	-	19,376	8,475	477	293.37	9,974.60
260+50	4.68	-	-	-	9	-	-	-	19,385	8,475	477	293.37	9,983.57
261+00	1.98	-	2.12	-	6	-	2	-	19,391	8,477	477	293.37	9,987.28
261+50	2.76	-	3.73	-	4	-	5	-	19,396	8,484	477	293.37	9,984.90
262+00	32.11	-	-	-	32	-	3	-	19,428	8,489	477	293.37	10,012.87
262+50	6.62	-	27.64	-	36	-	26	-	19,464	8,521	477	293.37	10,016.73
263+00	8.46	-	68.99	-	14	-	89	-	19,478	8,632	477	293.37	9,918.85
263+50	11.99	-	62.69	-	19	-	122	-	19,497	8,785	477	293.37	9,785.37
264+00	6.75	0.7	66.26	-	17	0.6	119	-	19,514	8,934	477	293.37	9,652.83
264+50	2.69	2.4	68.70	-	9	2.8	125	-	19,523	9,090	477	293.37	9,502.54

Addendum No. 1
ID 8110-02-72
Revised Sheet 733
November 26, 2014

Sheet 2 = 529 19 3,066 0

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate	
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Expanded EBS		In Fill		
										Backfill	Reduced EBS			
						Note 1	Note 2	Note 3		1.00 Note 1	1.25 Note 5	1.30 Note 5	0.80 Note 7	Note 8
265+00	50.00	5.00	5.0	54.62	-	7	6.8	114	-	19,530	9,233	477	293.37	9,360.13
265+50	50.00	24.13	24.1	0.18	-	27	26.9	51	-	19,557	9,296	477	293.37	9,296.75
266+00	50.00	13.4	13.44	45.28	-	35	34.8	42	-	19,592	9,349	477	293.37	9,244.14
266+50	50.00	18.53	18.5	51.86	-	30	29.6	90	-	19,621	9,461	477	293.37	9,131.71
266+94.28	44.28	21.02	16.9	57.33	-	32	29.1	90	-	19,654	9,573	477	293.37	9,023.16
267+00	5.72	20.90	17.0	59.10	-	4	3.6	12	-	19,658	9,589	477	293.37	9,008.58
267+50	50.00	18.83	18.8	94.45	-	37	33.2	142	-	19,695	9,767	477	293.37	8,834.48
268+00	50.00	20.56	20.4	159.43	-	36	36.3	235	-	19,731	10,060	477	293.37	8,540.77
268+50	50.00	29.44	17.8	253.07	-	46	35.4	382	-	19,778	10,538	477	293.37	8,074.20
269+00	50.00	35.54	18.7	354.49	-	60	33.8	563	-	19,838	11,241	477	293.37	7,397.33
269+50	50.00	44.99	19.5	402.81	-	75	35.4	701	-	19,913	12,117	477	293.37	6,560.00
270+00	50.00	185.22	47.5	51.31	-	213	62.0	420	-	20,126	12,643	477	293.37	6,185.51
270+50	50.00	79.62	21.7	350.35	-	245	64.1	372	-	20,371	13,108	477	293.37	5,901.78
271+00	50.00	109.09	17.8	317.34	-	175	36.5	618	-	20,546	13,881	477	293.37	5,267.18
271+11.65	11.65	117.01	17.8	284.50	-	49	7.7	130	-	20,594	14,043	477	293.37	5,145.98
271+50	38.35	143.87	18.6	190.57	-	185	25.8	337	-	20,780	14,465	477	293.37	4,883.74
272+00	50.00	241.67	18.3	-	-	357	34.1	176	-	21,137	14,685	477	293.37	4,986.02
272+50	50.00	243.45	17.9	2.64	-	449	33.6	2	-	21,586	14,688	477	293.37	5,398.57
273+00	50.00	268.49	17.0	36.32	-	474	32.4	36	-	22,060	14,734	477	293.37	5,795.13
273+50	50.00	320.62	16.2	120.11	-	545	30.7	145	-	22,605	14,915	477	293.37	6,128.82
274+00	50.00	387.34	16.1	107.53	-	656	29.8	211	-	23,261	15,178	477	293.37	6,491.01
274+50	50.00	458.68	15.8	74.56	-	783	29.5	169	-	24,044	15,389	477	293.37	7,034.16
275+00	50.00	526.33	15.5	0.13	-	912	28.9	69	-	24,956	15,475	477	293.37	7,830.83
275+50	50.00	593.20	16.1	-	-	1,037	29.3	0	-	25,993	15,475	477	293.37	8,838.03
276+00	50.00	644.61	17.0	-	-	1,146	30.6	-	-	27,139	15,475	477	293.37	9,953.51
276+50	50.00	682.23	17.1	0.53	-	1,229	31.6	0	-	28,367	15,476	477	293.37	11,149.86
277+00	50.00	862.83	16.3	-	-	1,431	31.0	0	-	29,798	15,477	477	293.37	12,548.87
277+50	50.00	951.33	16.2	-	-	1,680	30.1	-	-	31,478	15,477	477	293.37	14,198.57
278+00	50.00	1,135.31	16.5	-	-	1,932	30.3	-	-	33,410	15,477	477	293.37	16,100.38
278+50	50.00	1,454.83	16.3	-	-	2,398	30.4	-	-	35,808	15,477	477	293.37	18,468.28
279+00	50.00	1,405.26	16.2	-	-	2,648	30.1	-	-	38,456	15,477	477	293.37	21,086.46
279+50	50.00	1,354.62	16.6	-	-	2,555	30.3	-	-	41,012	15,477	477	293.37	23,611.58
280+00	50.00	1,300.61	16.5	-	-	2,459	30.6	-	-	43,470	15,477	477	293.37	26,039.55
280+50	50.00	1,202.35	16.5	-	-	2,318	30.5	-	-	45,788	15,477	477	293.37	28,326.63
281+00	50.00	1,152.45	16.4	-	-	2,180	30.5	-	-	47,968	15,477	477	293.37	30,476.55
281+50	50.00	1,119.85	16.4	-	-	2,104	30.4	-	-	50,072	15,477	477	293.37	32,550.17
282+00	50.00	1,126.31	16.2	0.30	-	2,080	30.2	0	-	52,152	15,477	477	293.37	34,599.43
282+50	50.00	1,113.13	16.1	-	-	2,074	29.9	0	-	54,226	15,477	477	293.37	36,642.71
283+00	50.00	1,027.39	16.1	-	-	1,982	29.8	-	-	56,208	15,477	477	293.37	38,594.83
283+50	50.00	1,013.80	16.3	-	-	1,890	30.0	-	-	58,098	15,477	477	293.37	40,454.77

Addendum No. 1
ID 8110-02-72
Revised Sheet 734
November 26, 2014

Sheet 3 = 38,575 1,236 5,110 0

PROJECT: 8110-02-72

HWY: STH 64

COUNTY: ST. CROIX

EARTHWORK DETAILS: STAGE 3N – STH 64 EB

SHEET: 734

FILE NAME: N:\PDS\CD61100201\Sheet\PLAN\8110-02-72\8110-02-72_ew.PPTX

PLOT BY: DOT/ERA

PLOT DATE: 11/13/2014 12:57:47 PM

PLOT NAME: EW DETAILS

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)						Cumulative Vol (CY)				Mass Ordinate			
		Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Salvaged / Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Backfill	Reduced EBS					
													In Fill	Note 7				
														0.80		Note 8		
284+00	50.00	1,009.31	16.5	-	-	1,873	30.4	-	-	59,971	15,477	477	293.37	293.37	42,297.63			
284+50	50.00	1,003.08	16.7	-	-	1,863	30.7	-	-	61,834	15,477	477	293.37	293.37	44,130.23			
285+00	50.00	1,001.48	16.9	-	-	1,856	31.1	-	-	63,690	15,477	477	293.37	293.37	45,955.25			
285+50	50.00	994.73	17.1	-	-	1,848	31.4	-	-	65,539	15,477	477	293.37	293.37	47,772.18			
286+00	50.00	975.16	17.2	-	-	1,824	31.8	-	-	67,363	15,477	477	293.37	293.37	49,564.40			
286+50	50.00	954.55	18.0	-	-	1,787	32.7	-	-	69,149	15,477	477	293.37	293.37	51,318.50			
287+00	50.00	951.60	18.2	-	-	1,765	33.6	-	-	70,914	15,477	477	293.37	293.37	53,049.89			
287+50	50.00	948.28	18.2	-	-	1,759	33.7	-	-	72,673	15,477	477	293.37	293.37	54,775.30			
288+00	50.00	961.49	18.3	-	-	1,768	33.8	-	-	74,442	15,477	477	293.37	293.37	56,509.77			
288+50	50.00	917.32	18.6	-	-	1,740	34.2	-	-	76,181	15,477	477	293.37	293.37	58,215.25			
289+00	50.00	885.83	18.7	-	-	1,670	34.5	-	-	77,851	15,477	477	293.37	293.37	59,850.32			
289+50	50.00	846.62	19.0	-	-	1,604	34.9	-	-	79,455	15,477	477	293.37	293.37	61,419.54			
290+00	50.00	805.73	19.2	-	-	1,530	35.4	-	-	80,985	15,477	477	293.37	293.37	62,914.10			
290+50	50.00	747.43	19.5	-	-	1,438	35.8	-	-	82,423	15,477	477	293.37	293.37	64,316.39			
291+00	50.00	692.56	19.4	-	-	1,333	35.9	-	-	83,757	15,477	477	293.37	293.37	65,613.77			
291+50	50.00	642.15	19.0	-	-	1,236	35.5	-	-	84,992	15,477	477	293.37	293.37	66,814.06			
292+00	50.00	601.33	18.2	-	-	1,151	34.5	-	-	86,144	15,477	477	293.37	293.37	67,930.98			
292+50	50.00	579.96	18.2	-	-	1,094	33.7	-	-	87,238	15,477	477	293.37	293.37	68,991.10			
293+00	50.00	549.91	18.4	-	-	1,046	33.9	-	-	88,284	15,477	477	293.37	293.37	70,003.37			
293+50	50.00	524.53	18.7	-	-	995	34.4	-	-	89,279	15,477	477	293.37	293.37	70,963.86			
294+00	50.00	498.78	18.9	-	-	948	34.8	-	-	90,226	15,477	477	293.37	293.37	71,876.55			
294+50	50.00	501.34	19.2	-	-	926	35.3	-	-	91,152	15,477	477	293.37	293.37	72,767.32			
295+00	50.00	554.62	19.4	-	-	978	35.7	-	-	92,130	15,477	477	293.37	293.37	73,709.33			
295+50	50.00	609.64	19.4	-	-	1,078	36.0	-	-	93,208	15,477	477	293.37	293.37	74,751.36			
296+00	50.00	636.29	19.4	-	-	1,154	36.0	-	-	94,362	15,477	477	293.37	293.37	75,869.04			
296+50	50.00	627.35	19.4	-	-	1,170	35.9	-	-	95,532	15,477	477	293.37	293.37	77,003.17			
297+00	50.00	589.89	19.4	-	-	1,127	35.9	-	-	96,659	15,477	477	293.37	293.37	78,094.39			
297+50	50.00	524.06	19.3	-	-	1,031	35.8	-	-	97,690	15,477	477	293.37	293.37	79,090.01			
298+00	50.00	450.07	19.3	-	-	902	35.8	-	-	98,592	15,477	477	293.37	293.37	79,956.21			
298+50	50.00	348.00	19.3	-	-	739	35.7	-	-	99,331	15,477	477	293.37	293.37	80,659.47			
299+00	50.00	264.22	26.6	-	-	567	42.5	-	-	99,898	15,477	477	293.37	293.37	81,183.85			
299+50	50.00	240.83	26.6	0.20	-	468	49.3	0	-	100,366	15,478	477	293.37	293.37	81,601.96			
300+00	50.00	217.40	26.6	0.51	-	424	49.2	1	-	100,790	15,478	477	293.37	293.37	81,976.21			
300+50	50.00	197.68	26.5	-	-	384	49.1	0	-	101,174	15,479	477	293.37	293.37	82,310.82			
301+00	50.00	174.70	26.3	0.27	-	345	48.9	0	-	101,519	15,479	477	293.37	293.37	82,606.44			
301+50	50.00	153.10	26.5	-	-	304	48.9	0	-	101,822	15,480	477	293.37	293.37	82,860.77			
302+00	50.00	147.83	27.3	-	-	279	49.8	-	-	102,101	15,480	477	293.37	293.37	83,089.57			
302+50	50.00	141.02	27.1	-	-	267	50.4	-	-	102,369	15,480	477	293.37	293.37	83,306.64			
303+00	50.00	132.42	26.9	-	-	253	50.0	-	-	102,622	15,480	477	293.37	293.37	83,509.80			
303+50	50.00	127.00	26.9	-	-	240	49.8	-	-	102,862	15,480	477	293.37	293.37	83,700.20			
304+00	50.00	134.36	26.9	-	-	242	49.8	-	-	103,104	15,480	477	293.37	293.37	83,892.45			
304+50	50.00	122.44	26.9	-	-	238	49.7	-	-	103,342	15,480	477	293.37	293.37	84,080.50			
Sheet 4 = 45,244 1,616 2 0																		
Total = 103,342 3,488 12,384 367																		
PROJECT: 8110-02-72		HWY: STH 64		COUNTY: ST. CROIX		EARTHWORK DETAILS: STAGE 3N – STH 64 EB											SHEET: 735	

Addendum No. 1
ID 8110-02-72
Revised Sheet 735
November 26, 2014

PROJECT: 8110-02-72	HWY: STH 64	COUNTY: ST. CROIX	EARTHWORK DETAILS: STAGE 3N - STH 64 EB	PLOT NAME: EW DETAILS
SHEET: 735				PLOT BY: DOT/ERA

FILE NAME: N:\PDS\CD61100201\SHEET\PLAN\8110-02-72\8110-02-72_ew.PPTX

PLOT DATE: 11/13/2014 1:38:56 PM

STAGE 3N – FRONTAGE ROAD C

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate		
		Cut	Salvaged/ Unusable Pavement Material	Fill	EBS	Cut	Salvaged/ Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Backfill		In Fill	Reduced EBS
						Note 1	Note 2	Note 3		Note 1	1.25	1.30	Note 5	Note 7	Note 8
233+35.1	0.00	21.35	4.7	0.59	-	-	-	-	-	-	-	-	-	-	0.00
233+50	14.90	17.72	4.3	2.22	-	11	2.5	1	-	11	1	-	-	-	7.34
234+00	50.00	21.85	9.3	19.76	-	37	12.6	20	-	47	26	-	-	-	5.96
234+50	50.00	9.42	9.3	60.28	-	29	17.2	74	-	76	119	-	-	-	-74.97
235+00	50.00	13.00	13.0	77.97	-	21	20.6	128	-	97	279	-	-	-	-234.87
235+50	50.00	75.72	13.5	47.83	-	82	24.5	116	-	179	425	-	-	-	-322.83
236+00	50.00	48.73	24.7	46.66	-	115	35.4	87	-	295	534	-	-	-	-352.30
236+50	50.00	28.46	27.6	57.16	-	71	48.5	96	-	366	654	-	-	-	-449.46
237+00	50.00	16.97	13.8	49.79	-	42	38.4	99	-	408	778	-	-	-	-569.57
237+50	50.00	31.26	10.5	53.15	-	45	22.5	95	-	453	897	-	-	-	-666.56
238+00	50.00	54.80	10.7	47.14	-	80	19.6	93	-	532	1,013	-	-	-	-722.53
238+50	50.00	72.71	20.7	43.82	-	118	29.0	84	-	650	1,118	-	-	-	-738.77
239+00	50.00	78.37	20.7	27.89	-	140	38.3	66	-	790	1,201	-	-	-	-720.21
239+50	50.00	83.25	21.6	11.30	-	150	39.2	36	-	940	1,247	-	-	-	-655.10
240+00	50.00	95.39	20.7	3.40	-	165	39.1	14	-	1,105	1,264	-	-	-	-545.82
240+19.11	19.11	55.89	-	1.48	-	54	7.3	2	-	1,159	1,266	-	-	-	-501.74
257+00	1680.89	89.64	16.4	2.59	-	4,530	510.2	126	-	5,689	1,424	-	-	-	3,360.04
257+50	50.00	91.33	16.3	4.25	-	168	30.3	6	-	5,857	1,432	-	-	-	3,489.40
258+00	50.00	76.99	16.1	4.25	-	156	30.1	8	-	6,012	1,442	-	-	-	3,605.36
258+50	50.00	62.44	15.9	4.80	-	129	29.7	8	-	6,141	1,452	-	-	-	3,694.28
259+00	50.00	60.36	15.7	4.88	-	114	29.3	9	-	6,255	1,463	-	-	-	3,767.45
259+50	50.00	62.23	18.4	1.87	-	114	31.6	6	-	6,369	1,471	-	-	-	3,841.56
260+00	50.00	62.99	17.2	0.92	-	116	32.9	3	-	6,485	1,475	-	-	-	3,921.36
260+50	50.00	66.24	29.7	0.12	-	120	43.4	1	-	6,604	1,476	-	-	-	3,996.41
261+00	50.00	63.63	36.8	6.41	-	120	61.6	6	-	6,725	1,483	-	-	-	4,047.50
261+50	50.00	63.84	17.1	22.89	-	118	49.9	27	-	6,843	1,517	-	-	-	4,081.68
262+00	50.00	72.08	17.3	38.41	-	126	31.8	57	-	6,968	1,588	-	-	-	4,104.76
262+50	50.00	66.51	17.0	58.54	-	128	31.8	90	-	7,097	1,700	-	-	-	4,089.10
263+00	50.00	59.88	17.3	78.71	-	117	31.8	127	-	7,214	1,859	-	-	-	4,015.48
263+50	50.00	58.61	16.5	86.31	-	110	31.3	153	-	7,323	2,050	-	-	-	3,902.87
264+00	50.00	60.43	16.9	76.86	-	110	31.0	151	-	7,434	2,239	-	-	-	3,793.25
264+50	50.00	52.15	14.9	68.16	-	104	29.5	134	-	7,538	2,407	-	-	-	3,700.16
265+00	50.00	51.84	12.5	67.98	-	96	25.4	126	-	7,634	2,564	-	-	-	3,613.50
265+50	50.00	47.23	9.6	70.90	-	92	20.4	129	-	7,726	2,725	-	-	-	3,524.05
266+00	50.00	81.38	6.6	79.48	-	119	15.0	139	-	7,845	2,899	-	-	-	3,454.08
266+50	50.00	67.69	2.8	4.53	-	138	8.7	78	-	7,983	2,996	-	-	-	3,486.19
267+00	50.00	28.06	-	92.34	-	89	2.5	90	-	8,072	3,109	-	-	-	3,460.18
267+50	50.00	-	-	283.89	-	26	-	348	-	8,098	3,544	-	-	-	3,050.71
268+00	50.00	-	-	431.82	-	-	-	663	-	8,098	4,372	-	-	-	2,222.35
268+50	50.00	-	-	454.01	-	-	-	820	-	8,098	5,398	-	-	-	1,197.09

Sheet 1 = 8,098 1,503 4,318 0

PROJECT: 8110-02-72

HWY: STH 64

COUNTY: ST. CROIX

EARTHWORK DETAILS: STAGE 3N – FRONTAGE ROAD C

SHEET: 736

FILE NAME: N:\PDS\CD061100201\SHEET\PLAN\8110-02-72\8110-02-72_ew.PPTX

PLOT BY: DOTERA

PLOT DATE: 11/13/2014 12:57:47 PM

PLOT NAME: EW DETAILS

Addendum No. 1
ID 8110-02-72
Revised Sheet 736
November 26, 2014

STAGE 3N – FRONTAGE ROAD C

STATION	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate			
		Cut	Salvaged/ Unusable Pavement Material	Fill	EBS	Cut	Salvaged/ Unusable Pavement Material	Fill	EBS	Cut	Expanded Fill	Backfill	In Fill		Reduced EBS		
269+00	50.00	-	-	401.07	-	-	792	-	8,098	6,387	-	-	-	-	-	207.42	
269+50	50.00	78.52	-	191.35	-	73	549	-	8,170	7,073	-	-	-	-	-	-405.56	
270+00	50.00	199.13	9.4	106.15	-	257	275	-	8,428	7,417	-	-	-	-	-	-501.54	
270+50	50.00	53.99	8.5	6.14	-	234	104	-	8,662	7,547	-	-	-	-	-	-413.76	
271+00	50.00	51.36	19.8	2.87	-	98	8	-	8,759	7,558	-	-	-	-	-	-352.86	
271+50	50.00	37.82	7.4	36.17	-	83	36	-	8,842	7,603	-	-	-	-	-	-340.63	
272+00	50.00	27.45	7.5	58.94	-	60	88	-	8,902	7,713	-	-	-	-	-	-404.03	
272+50	50.00	30.16	7.4	26.39	-	53	79	-	8,956	7,812	-	-	-	-	-	-463.23	
272+66.9	16.90	32.41	7.3	24.63	-	20	16	-	8,975	7,832	-	-	-	-	-	-468.22	

Sheet 2 = 878 109 1,947 0

Total = 8,975 1,612 6,265 0

Addendum No. 1
ID 8110-02-72
Revised Sheet 737
November 26, 2014