



Wisconsin Department of Transportation

March 4, 2015

Division of Transportation Systems Development

Bureau of Project Development
 4802 Sheboygan Avenue, Rm 601
 P O Box 7916
 Madison, WI 53707-7916

Telephone: (608) 266-1631
 Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

**Proposal #35: 7090-05-65, WISC 2015 149
 Baldwin - Menomonie
 STH 128 – IH 94
 USH 12
 St. Croix and Dunn County**

Letting of March 10, 2015

This is Addendum No. 2, which provides for the following:

Special Provisions

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
7	Utilities
21	Removing Signs Type II, Item 638.2602

Added Special Provisions	
Article No.	Description
31	Alternate Route Signing Coordination with Other Projects
32	SPV.0045 Portable Changeable Message Sign (PCMS) Cellular Communications

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
205.0100	Common Excavation	CY	5018	3255	3255
208.0100	Borrow	CY	4080	2275	2275
614.0920	Salvaged Rail	LF	6100	8350	8350
625.0100	Topsoil	SY	15305	8105	8105
627.0200	Mulching	SY	16474	9274	9274
629.0205	Fertilizer Type A	CWT	12.1	5.1	5.1
630.0120	Seeding Mixture No. 20	LB	541	253	253
630.0200	Seeding Temporary	LB	541	253	253
650.9920	Construction Staking Slope Stakes	LF	74828	3650	3650
SPV.0060.01	Utility Line Opening	EA	2	6	6

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
205.0200	Excavation Rock	CY	0	30	30
614.0010	Barrier System Grading Shaping and Finishing	EA	0	35	35
614.2330	MGS Guardrail 3K	LF	0	2500	2500
643.1050	Traffic Control Signs (PCMS) Portable Changeable Message	Day	0	97	97
SPV.0045.01	Portable Changeable Message Sign (PCMS) Cellular Communications	Day	0	97	97

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
614.0925	Salvaged Guardrail End Treatments	EA	45	0	0

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
6	Typical (note Change)
50	Miscellaneous Quantities(Excavation Quantities change)
54	Miscellaneous Quantities(Guardrail Quantities change)
55	Miscellaneous Quantities(Guardrail Quantities change)
56	Miscellaneous Quantities(Traffic Control Quantities change)
64	Miscellaneous Quantities(Utility Line opening Added Quantities)
81	Plan (Note Change)
82	Plan (Note Change)
204	Earthwork (Beamguard excavation removed)
205	Earthwork (Beamguard excavation removed)
215	Cross section (Note Changed)
216	Cross section (Note Changed)
228	Cross section (Note Changed)
229	Cross section (Note Changed)
230	Cross section (Note Changed)
231	Cross section (Note Changed)

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
55A	Miscellaneous Quantities (New Item and table added)

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 2

7090-05-65

March 4, 2015

Special Provisions

3. Prosecution and Progress

Replace paragraph 1 under Lane Restrictions with the following:

Single lane restrictions on USH 12 and all intersecting roads under this contract will be limited to daylight hours from Monday at 6:00 AM until Friday at 6:00 PM during each work week as necessary for the duration of the project. USH 12 and all intersecting roads under this contract shall be kept open to two-way traffic from each Friday at 6:00 PM until the following Monday at 6:00 AM between the Memorial Day and Labor Day holiday work restrictions.

7. Utilities

Replace entire article language with the following:

This contract comes under the provision of Administrative Rule Trans 220.

Some of the utility work described below is dependent on prior work being performed by the contractor at a specific site. In such situations, provide the engineer and the affected utility a good faith notice of when the utility is to start work at the site. Provide this notice 14 to 16 calendar days in advance of when the prior work will be completed and the site will be available to the utility. Follow-up with a confirmation notice to the engineer and the utility not less than 3 working days before the site will be ready for the utility to begin its work.

AT&T Legacy has an underground fiber optic line that crosses USH 12 at station 577+25. An underground fiber optic line also parallels the length of the project within the Union Pacific Railroad right of way. Possible conflicts may exist with this fiber optic line at station 532+50 in St. Croix County, and at stations 46+40, 356+40, 389+00, 449+30 and 478+00 in Dunn County due to the nearby work. A possible conflict may also exist with the fiber optic line crossing at station 577+25 due to beam guard installation. A fiber watch may be required during construction. Contractor to coordinate with AT&T Legacy 24 hours before work begins in these areas.

AT&T Wisconsin has underground telephone facilities within the project area. These facilities intermittently run along USH 12 in Dunn County between station 389+00 and the end of the project as well as at the intersections with STH 79 and 390th Street. A telephone line crosses over USH 12 attached to the overpass of I-94 W. Conflicts exist at station 441+68 due to a culvert installation. In order to meet the minimum cover of 24-inches, AT&T will lower the line as needed during the grading and installation of the culvert. Contractor to coordinate with AT&T Wisconsin 16 days before work begins in this area. AT&T anticipates it will need 2 working days to complete the work.

Baldwin Telecom, Inc has underground fiber optic and coax facilities within the project area. Fiber optic facilities run on the right side of USH 12 from station 533+00 to 602+00, cross to the left side and continues to station 137+64. The fiber optic line then crosses to the right side and continues to station 159+50. A coax cable crosses USH 12 at station 170+00.

No relocations are anticipated for the guardrail installation at station 75+00 and at the culvert installation at station 137+72. Contact Baldwin Telecom 2 working days prior to beginning work in these areas to request a site watch from Baldwin Telecom.

CenturyLink has underground fiber optic and telephone lines within the project area. Telephone lines run along and cross USH 12 between station 74+00 and station 389+00. A fiber optic line runs along the left side from station 137+64 to station 159+75.

At station 137+72 a conflict exists with the proposed culvert and a fiber optic and copper line. The underground copper line shown on the plan is actually two lines. In addition, the CenturyLink FO line is approximately 8 feet east of this underground copper (and not shown on the plan).

At station 200+62 a conflict exists with the proposed culvert and a copper line.

At station 287+85 a conflict exists with the proposed culvert and a copper line.

Contact Bruce Larson (715-234-5573) 48 hours prior to beginning work at these culvert pipes. Prior to excavating in the roadway, expose the CenturyLink facilities that are in conflict and provide survey stakes that detail the proposed culverts' elevations and locations. Provide CenturyLink with 1 working day at each location to relocate the facilities out of conflict, as needed.

At station 279+00 a conflict exists with the grading for guardrail and a pedestal.

Contact Bruce Larson 48 hours prior to the placement of fill near the pedestal. Place the fill around the existing pedestal location and once the final grade is complete provide CenturyLink 2 working days to raise the pedestal.

No other conflicts are anticipated.

CenturyLink Communications as underground fiber optic within the project limits. No conflicts anticipated.

The City of Menomonie Water Department has a sanitary sewer and water main that cross USH 12 at station 577+50. No conflicts are anticipated with either facility.

Dunn County Electric Cooperative (Dunn Energy Coop) has overhead and underground electric facilities in the project area within Dunn County. These facilities are located between station 198+50 and station 575+25 and tend to parallel USH 12 with numerous crossings and service laterals present.

No conflict is anticipated at the pole located at station 464+74 due to the new slope intercepts, provided the amount of fill added is less than one foot. Dunn Energy Cooperative requests to be notified if the pole is damaged during the construction project. A conflict exists with the overhead line at stations 200+69, 375+46 and 441+68 due to culvert installations. Dunn Energy Cooperative requires that a 10 foot clearance of any of the electric facilities must be maintained at all times. Contact Dunn County Electric Coop 7 days prior to work beginning in these areas.

Knapp Municipal Water and Sewer Utility has underground sanitary sewer and water facilities in the project area. A sanitary sewer and water main run next to each other between station 113+50 and station 141+15. The lines enter the project area again at station 153+25 and run to station 183+90 at which point the water main ends. The sanitary sewer line continues to station 212+25 at which point it crosses USH 12 and leaves the project. Water and/or sanitary lines are located at stations 133+00, 137+72 and 200+61. Culvert installations and ditching will occur at these stations. According to Knapp Municipal Water and Sewer, conflicts are not anticipated as the lines are 5 feet deep or greater. Minor adjustments will be required during construction to four sanitary manhole covers at station 133+11 RT, 137+22 RT, 153+14 RT, 163+30 RT. A conflict exists with a fire hydrant located at station 132+82 RT due to a culvert replacement. A representative from Knapp Municipal Water and Sewer is required to be on site during placement of this culvert in order to stabilize the hydrant if needed. After culvert placement, arrangements will then be made to adjust the hydrant should that be required. Contractor to coordinate with Knapp Municipal Water and Sewer 14 days prior to work beginning in this area.

Level 3 Communications has an underground fiber optic line that crosses USH 12 at station 577+25. Adjustment of the proposed guardrail posts may be required to avoid this fiber optic. No conflict anticipated.

The Village of Wilson Municipal Water Utility has underground sanitary sewer and underground water lines parallel to USH 12 on the right side from station 532+00 to 542+50. The sanitary sewer line crosses USH 12 at station 542+50, runs parallel on the left side before it crosses USH 12 again at station 545+50. No conflicts are anticipated with either facility.

We Energies has underground gas facilities in the project area in both counties. A 4" gas main crosses USH 12 at station 532+00 in the Village of Wilson. Multiple gas lines run along USH 12 in the Village of Knapp between station 106+50 and station 185+50, these lines have numerous service laterals crossing USH 12. No conflicts are anticipated with these facilities.

West Wisconsin Telecom Cooperative has underground fiber optic and telephone facilities in the project area in St. Croix County. These facilities are located from the beginning of the project to station 638+50 and generally parallel USH 12 with several crossings in this area. No conflicts are anticipated with these facilities.

Windstream KDL has an underground fiber optic line that crosses USH 12 at station 113+50 and runs along the left side to station 127+00. No conflicts are anticipated with this facility.

Xcel Energy – Distribution has overhead and underground electric facilities within the project area. In St. Croix County there are overhead lines within the project area between stations 520+00 and 572+00. A line crosses USH 12 at station 593+00. Another line is within the project area between station 607+00 and station 119+00 in Dunn County. Overhead and underground lines in Dunn County are also within the project area from station 130+00 to 281+75. Conflicts may exist with poles at stations 610+10 and 9+10 due to fill being placed around them, but no problems are expected. The pole at station 137+90 may need to be held during the new culvert installation. Contact Mike Johnsen (715.232.7415), 5 business days before work begins in this area.

Xcel Energy – Gas has an underground gas line that runs along USH 12 from station 574+50 and station 580+00 with a crossing at station 574+75. No conflicts are anticipated with this facility.

Xcel Energy – Transmission has a high voltage line crossing at station 568+00. Xcel Energy requires a working clearance of 20' between the electrical conductors and cranes and booms (digging equipment); and a physical proximity clearance of 11'8" between electrical conductors and workers be maintained at all times. Any construction near the transmission line shall comply with all OSHA Safety Clearances. If required clearances cannot be maintained, the contractor must arrange for a line outage by calling Xcel Energy's Transmission Line Construction department (Kyle Neidermire at 715.737.1576). At least four (4) weeks advance notice must be provided in order to schedule a line outage. No conflicts other than the working clearances are anticipated.

Verizon Business (MCI) – has underground fiber optic line that parallels the Union Pacific Railroad on the north side of the tracks. These facilities run the length of the project within the Union Pacific Railroad right of way. No conflicts are anticipated.

Sprint – has underground fiber optic line that parallels the Union Pacific Railroad on the north side of the tracks. These facilities run the length of the project within the Union Pacific Railroad right of way. Contact Pat Berry, 608-566-9073 (patrick.berry@ericsson.com) during construction for issues. No conflicts are anticipated.

Underground Gas Facilities – Unknown Owner

There is a line crossing USH 12 at station 478+75 whose owner is unknown. No conflicts are anticipated with this facility.

Field locate all buried utilities prior to the start of construction. The engineer may alter the locations of material being installed under this contract to avoid conflicts with existing utility facilities.

Railroad Fiber Optic Lines

Union Pacific Railroad Company Fiber Optic Lines

Call "Diggers Hotline" and additionally contact the Union Pacific Railroad Company "call before you dig" office at (800) 336-9193. Normal business hours are 7:00 AM to 9:00 PM, Central Time, Monday through Friday, except holidays. Reference Altoona Sub, Wisconsin, Mile Post 61.28 on the Altoona Subdivision to verify the location of fiber optic lines located on railroad right-of-way at the construction site. Calls will be routed at all times in case of an emergency.

21. Removing Signs Type II, Item 638.2602

Replace entire article language with the following:

This work shall be in accordance with the pertinent requirements of standard spec 638 and as provided here.

Type II signs are the department's property. All DOT signs removed, and not identified for reuse, shall be separated, plywood from aluminum signs, and the aluminum signs shall be palletized for shipment and handling with a forklift. Contact DTSD Sign Shop Coordinator Steve Allard at (715) 855-7671 at least 3 business days prior to delivery to coordinate shipment to be delivered to the DTSD Sign Shop Distribution Center at one of the following locations:

Dunn County Highway Shop, 3303 USH 12 East, Menomonie, WI 54751

LaCrosse County Highway Shop, 301 Carlson Rd, West Salem, WI 54669

Price County Highway Shop, 704 N. Lake Ave, Phillips, WI 54555

Washburn County Highway Shop, 1600 CTH H, Spooner, WI 54801

Wood County Highway Shop, 555 17th Ave North, Wisconsin Rapids, WI 54495

31. Alternate Route Signing Coordination with Other Projects

The Department plans to repair the concrete pavement, signals and utilities on the following projects 7220-01-71, 7600-02-70, and 7600-02-71 located on USH 12 and STH 25 within the 2015 Construction season with 7090-05-65 paving project located on USH 12:

7220-01-71

City of Menomonie, Broadway Street
24th Avenue – 11th Avenue
STH 25
Dunn County

7600-02-70

City of Menomonie, Stout Road
Red Cedar Intersection
USH 12
Dunn County

7600-02-71
City of Menomonie, Broadway Street
Tainter Street - Wolske Bay Road
USH 12
Dunn County

Contact the Department and the contractor for the project 7220-01-71, 7600-02-70, and 7600-02-71 to obtain schedule of beginning construction to coordinate placement of the alternate route signing for IH 94 on STH 29 and sign covering on USH 12 within the project limits prior to the start of construction operations..

Contact name and phone number for the Department are:

Tim Mason, (WDOT) NW Region Project Development Supervisor, 715-833-5366
Tara Weiss, (WDOT) NW Region Project Manager, 715-836-2283

32. Portable Changeable Message Sign (PCMS) Cellular Communications, SPV.0045.01

A Description

This special provision describes cellular communications requirements for use with PCMS. Cellular communication allows the department to control PCMS during incidents or other emergencies through Trans Suite software. The department will notify contractor of message changes.

B Materials

Provide a cellular modem and antenna that enables the department to communicate and control PCMS conforming to standard spec 643.2.7.

B.1 Cellular Modem and Antenna

Furnish an EV-DO Cellular modem registered to a 3G Cellular carrier. The cellular modem must include 1 or more external antennas, 1 or more 10/100 Ethernet ports, and 1 or more db9 Serial RS-232 interfaces. The device must be able to handle -30° C to +75° C and powered by a 12VDC power supply. The cellular modem must have a built-in secure router with NAT, port forwarding and IP pass-through capabilities.

Provide management IP and passwords for the cellular modem to the department.

Access includes IP address, serial port setting, and password(s). Antenna cable shall be continuous without splices. Mount the antenna at the highest practical location on the PCMS.

C Construction

Conform to standard spec 643.3.7. Install cellular modem in a lockable, weatherproof compartment in the PCMS trailer.

A minimum of 14 days prior to deployment, demonstrate to the department that the cellular modem is capable of communications with Trans Suite software.

If remote communications are interrupted or temporarily unavailable, contractor will be notified by the department to change the message.

D Measurement

The department will measure Portable Changeable Message Sign (PCMS) Cellular Communications by the day acceptably completed, measured as the number of calendar days each cellular modem for PCMS is available for exclusive use under the contract. The department will deduct one day for each calendar day the sign communications are required but out of service for more than 2 hours.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0045.01	Portable Changeable Message Sign (PCMS) Cellular Communications	DAY

Payment is full compensation for providing, operating and maintaining a cellular modem and antenna, and for making message changes if cellular communications are interrupted or temporarily unavailable.

Schedule of Items

Attached, dated March 4, 2014, are the revised Schedule of Items Pages 1 – 12.

Plan Sheets

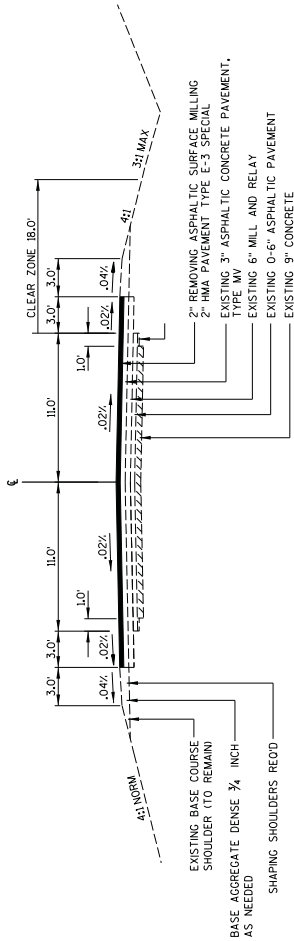
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 6, 50, 54, 55, 56, 64, 81, 82, 204, 205, 215, 216, 228, 229, 230, and 231

Added: 55A

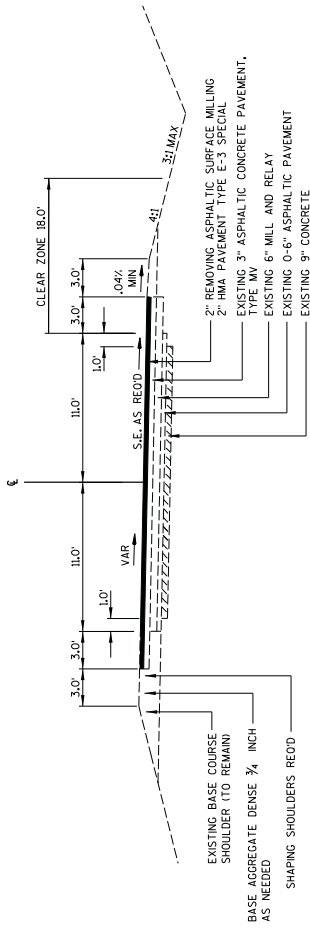
END OF ADDENDUM

*AT BEAM GUARD LOCATIONS, MINIMUM OF 2" ASPHALT DEPTH TO BE PAVED
*SHOULDERS TO BE PAVED CONCURRENTLY AND INTEGRALLY WITH THE MAINLINE PAVEMENT



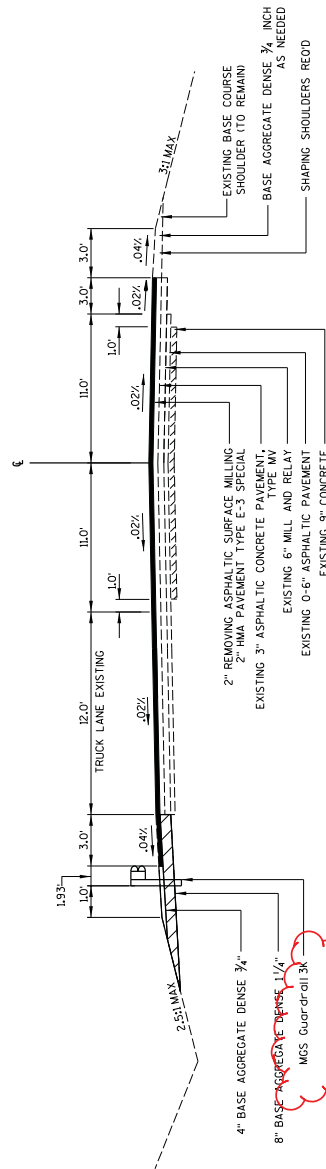
TYPICAL FINISHED SECTION

STA 10+00 - STA 26+99.77 BK
STA 495+65 AH - STA 645+82.09 BK



TYPICAL FINISHED SUPERELEVATED SECTION

STA 10+00 - STA 14+01.62
STA 20+45.19 - STA 26+01.27
STA 528+00.46 - STA 530+84.24
STA 544+71.63 - STA 549+17.64
STA 558+17.94 - STA 576+74.73
STA 581+58.65 - STA 586+24.77
STA 598+09.56 - STA 601+58.26
STA 603+82.02 - STA 610+37.08
STA 615+08.14 - STA 620+30.4
STA 622+57.64 - STA 628+42.9
STA 631+92.17 - STA 635+33.62



TYPICAL FINISHED SECTION FOR TRUCK LANE

STA 576+21.42 - STA 604+73.57

Addendum No. 2
ID 7090-05-65
Revised Sheet 6
March 4, 2015

REMOVAL ITEMS

STATION	LOCATION	204.0100 REMOVING PAVEMENT SY	204.0110 REMOVING SURFACE SY	204.0115 REMOVING ASPHALTIC BUTT JOINTS SY	204.0120 REMOVING ASPHALTIC MILLING SY	204.0125 REMOVING ASPHALTIC MILLING TON	204.0150 REMOVING GUTTER LF	204.0160 REMOVING CURE LF	REMARKS
USH 12									
10+00 - 26+99.77 BK	LT & RT	-	-	600	5679	-	-	-	INITIAL 2" FULL MILLING, ST. CROIX COUNTY DRIVEWAYS
10+00 - 26+99.77 BK	LT & RT	-	49	-	1134	-	-	-	30% SECONDARY 3" MILLING 7 FEET FROM CENTERLINE, ST. CROIX COUNTY DRIVEWAYS
10+00 - 26+99.77 BK	LT & RT	-	-	800	-	-	-	-	INITIAL 2" FULL MILLING, ST. CROIX COUNTY DRIVEWAYS
485+65.4H - 646+19.4	LT & RT	-	-	-	1180	-	-	-	30% SECONDARY 3" MILLING 7 FEET FROM CENTERLINE, ST. CROIX COUNTY DRIVEWAYS
485+65.4H - 646+19.4	LT & RT	-	83	-	-	-	913	-	INITIAL 2" FULL MILLING, DUNN COUNTY DRIVEWAYS
587+29.60 - 596+42.20	LT	-	-	-	-	-	-	-	30% SECONDARY 3" MILLING 7 FEET FROM CENTERLINE, DUNN COUNTY DRIVEWAYS
0+00 - 113+37.88	LT & RT	-	-	600	37638	-	-	-	INITIAL 2" FULL MILLING, DUNN COUNTY DRIVEWAYS
0+00 - 113+37.88	LT & RT	-	96	-	889	-	-	-	30% SECONDARY 3" MILLING 7 FEET FROM CENTERLINE, DUNN COUNTY DRIVEWAYS
113+37.88 - 186+65.88	LT & RT	-	-	400	-	-	-	-	INITIAL 2" FULL MILLING, DUNN COUNTY DRIVEWAYS
113+37.88 - 186+65.88	LT & RT	-	-	-	657	-	-	-	30% SECONDARY 3" MILLING 7 FEET FROM CENTERLINE, DUNN COUNTY DRIVEWAYS
132+50 - 133+50	LT & RT	-	176	-	-	-	-	-	PIPE REPLACEMENT
137+50 - 138+00	LT & RT	55	-	-	-	-	-	-	PIPE REPLACEMENT
186+65.88 - 446+73.38	LT & RT	-	-	1400	-	-	-	-	INITIAL 2" FULL MILLING, DUNN COUNTY DRIVEWAYS
186+65.88 - 446+73.38	LT & RT	-	286	-	2039	-	-	-	30% SECONDARY 3" MILLING 7 FEET FROM CENTERLINE, DUNN COUNTY DRIVEWAYS
186+65.88 - 446+73.38	LT & RT	115	-	-	-	-	-	-	PIPE REPLACEMENT
287+50 - 288+00	LT & RT	55	-	-	-	-	-	-	PIPE REPLACEMENT
375+00 - 376+00	LT & RT	115	-	-	-	-	-	-	PIPE REPLACEMENT
441+00 - 442+00	LT & RT	115	-	1200	-	-	-	-	PIPE REPLACEMENT
446+73.38 - 560+75	LT & RT	-	-	-	48151	-	-	-	INITIAL 2" FULL MILLING, DUNN COUNTY DRIVEWAYS
446+73.38 - 560+75	LT & RT	-	-	-	1201	-	-	-	30% SECONDARY 3" MILLING 7 FEET FROM CENTERLINE, DUNN COUNTY DRIVEWAYS
565+86.2 - 571+23.1	RT	-	290	-	-	-	-	-	INITIAL 2" FULL MILLING, DUNN COUNTY DRIVEWAYS
ITEM TOTALS		570	962	5000	287571	7100	913	537	

EXCAVATION

STATION	LOCATION	205.0100 COMMON CY	AIR CY	EXPANDED CY	208.010 BORROW CY	REMARKS
USH 12						
547+75 - 549+60	LT	35	19	496	-10	ST. CROIX COUNTY DRIVEWAY/CURE & GUTTER
547+75 - 549+60	LT	35	496	-	480	ST. CROIX COUNTY DRIVEWAY/CURE & GUTTER
137+00 - 138+00	LT	35	15	20	-225	DUNN COUNTY PIPE REPLACEMENT
137+00 - 138+00	LT	245	15	20	-225	DUNN COUNTY PIPE REPLACEMENT
198+50 - 201+50	LT	435	115	150	-285	DUNN COUNTY PIPE REPLACEMENT
287+00 - 288+50	LT	305	0	0	-305	DUNN COUNTY PIPE REPLACEMENT
374+50 - 376+50	LT	355	0	0	-355	DUNN COUNTY PIPE REPLACEMENT
440+50 - 442+50	LT	380	4	5	-375	DUNN COUNTY PIPE REPLACEMENT
ITEM TOTALS		3355	4253	6530	2275	

- NOTES:
 1) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN COMMON EXCAVATION.
 2) FILL DOES NOT INCLUDE UNUSABLE PAVEMENT EXCAVATION VOLUME.
 3) FILL WILL BE BACKFILLED WITH CUT OR BORROW.
 4) POSITIVE BORROW INDICATES A SHORTAGE OF MATERIAL.
 5) EXPANSION FACTOR = 1.3

CLEARING/GRUBBING

STATION	LOCATION	201.0105 CLEARING STA	201.0205 GRUBBING STA	REMARKS
USH 12				
646+50 - 647+50	LT (OUTSIDE R/W)	1	1	ST. CROIX COUNTY, DISCUSS WITH PROPERTY OWNER PRIOR TO REMOVAL
575+00 - 603+00	LT	28	28	ST. CROIX COUNTY
567+00 - 569+00	LT & RT	1	1	DUNN COUNTY
ITEM TOTALS		30	30	

PREPARE FOUNDATION FOR ASPHALTIC PAVING

STATION	SPV.0105.01 SPECIAL LS
USH 12	1
ITEM TOTAL	1

FINISHING ROADWAY (7090-05-65)

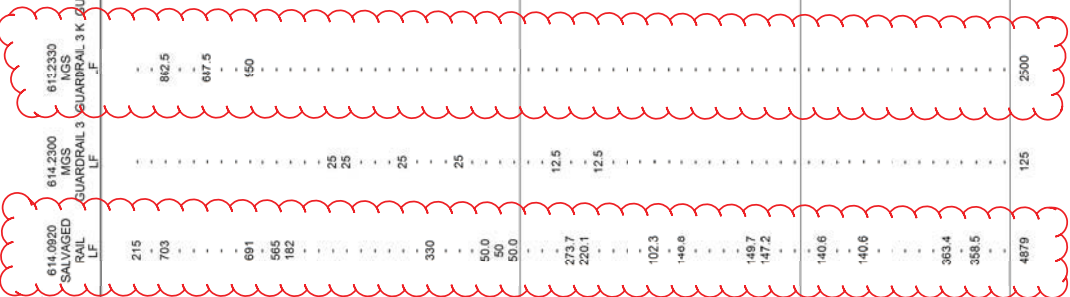
STATION	213.0100 EACH
USH 12	1
ITEM TOTAL	1

Addendum No. 2
 ID 7090-05-65
 Revised Sheet 50
 March 4, 2015

Addendum No. 2
ID 7090-05-65
Revised Sheet 54
March 4, 2015

GUARDRAIL ITEMS

STATION	LOCATION	614.0200 STEEL TUBULAR STRUCTURE APPROACH	614.0200 THREE BEAM	614.0305 STEEL BEAM GUARD CLASS A	614.0305 STEEL BEAM GUARD SHORT RADIUS	614.0370 STEEL BEAM GUARD EAT	614.0390 STEEL PLATE SHORT RADIUS TERMINAL	614.0396 GUARDRAIL STRIP ASPHALT	614.0920 SALVAGED RAIL	614.2300 MGS GUARDRAIL 3 L	614.2340 MGS GUARDRAIL 3 K	614.2500 THREE BEAM TRANSITION	614.2610 MGS GUARDRAIL TERMINAL EAT	REMARKS
USH 12	LT													
547+52.2 - 548+07.9	LT													ST CROIX COUNTY
576+04.47 - 576+08.03	LT													ST CROIX COUNTY
576+08.03 - 585+57.95	LT													ST CROIX COUNTY
585+57.95 - 589+50.77	LT													ST CROIX COUNTY
589+50.77 - 593+38.27	LT													ST CROIX COUNTY
593+38.27 - 593+91.36	LT													ST CROIX COUNTY
594+74.44 - 604+15.27	LT													ST CROIX COUNTY
604+15.27 - 604+09.74	LT													ST CROIX COUNTY
604+09.74 - 611+52.65	LT													ST CROIX COUNTY
604+59.74 - 610+14.36	LT													ST CROIX COUNTY
605+62.62 - 610+34.30	RT													ST CROIX COUNTY
610+14.36 - 610+39.96	RT													ST CROIX COUNTY
610+34.30 - 610+59.23	RT													ST CROIX COUNTY
610+39.96 - 610+77.46	RT													ST CROIX COUNTY
610+59.23 - 610+96.73	RT													ST CROIX COUNTY
610+96.73 - 612+28.93	RT													ST CROIX COUNTY
611+59.93 - 612+28.93	RT													ST CROIX COUNTY
612+28.93 - 612+81.89	RT													ST CROIX COUNTY
612+64.11 - 614+63.5	RT													ST CROIX COUNTY
612+64.38 - 613+37.50	LT													ST CROIX COUNTY
613+37.50 - 613+62.50	LT													ST CROIX COUNTY
613+62.50 - 614+15.63	LT													ST CROIX COUNTY
614+15.63 - 619+75.92	RT													ST CROIX COUNTY
614+25.9 - 619+75.92	RT													ST CROIX COUNTY
619+75.92 - 622+19.22	RT													ST CROIX COUNTY
638+69.22 - 639+19.22	RT													ST CROIX COUNTY
9+03.97 - 9+63.09	RT													DUNN COUNTY
9+16.22 - 9+69.34	LT													DUNN COUNTY
9+63.09 - 9+75.59	RT													DUNN COUNTY
9+69.34 - 10+81.84	LT													DUNN COUNTY
9+75.59 - 10+88.09	RT													DUNN COUNTY
10+81.84 - 10+94.34	LT													DUNN COUNTY
10+94.34 - 11+47.42	LT													DUNN COUNTY
10+94.34 - 11+47.42	LT													DUNN COUNTY
73+93.31 - 74+42.85	RT													DUNN COUNTY
74+42.85 - 74+92.41	RT													DUNN COUNTY
74+66.03 - 74+68.30	LT													DUNN COUNTY
74+66.36 - 74+91.33	LT													DUNN COUNTY
74+91.33 - 75+12.16	LT													DUNN COUNTY
74+92.41 - 75+12.16	RT													DUNN COUNTY
75+12.16 - 76+27.50	RT													DUNN COUNTY
76+06.67 - 76+27.50	LT													DUNN COUNTY
76+26.49 - 76+76.05	RT													DUNN COUNTY
76+27.50 - 76+77.95	LT													DUNN COUNTY
76+76.05 - 77+25.60	RT													DUNN COUNTY
76+77.95 - 77+28.41	LT													DUNN COUNTY
275+96.63 - 274+46.63	LT													DUNN COUNTY
274+46.63 - 274+96.63	RT													DUNN COUNTY
274+96.63 - 274+96.63	RT													DUNN COUNTY
274+56.33 - 274+70.58	RT													DUNN COUNTY
274+70.58 - 275+20.58	RT													DUNN COUNTY
274+96.63 - 275+17.28	LT													DUNN COUNTY
275+17.28 - 275+02.27	LT													DUNN COUNTY
275+20.58 - 275+41.22	RT													DUNN COUNTY
275+41.22 - 276+16.22	RT													DUNN COUNTY
276+16.22 - 276+16.22	RT													DUNN COUNTY
276+16.22 - 276+16.22	RT													DUNN COUNTY
276+16.22 - 276+36.87	RT													DUNN COUNTY
276+36.87 - 278+86.87	RT													DUNN COUNTY
278+86.87 - 279+12.92	RT													DUNN COUNTY
278+86.87 - 279+36.87	RT													DUNN COUNTY
SUB TOTAL		168	150	800	76	8	2	975	4879	125	2500	113	15	



Addendum No. 2
ID 7090-05-65
Revised Sheet 55
March 4, 2015

GUARDRAIL ITEMS CONTINUED

STATION	LOCATION	614.0200 STEEL THREE BEAM STRUCTURE APPROACH	614.0230 STEEL THREE BEAM STRUCTURE	614.0345 STEEL PLATE BEAM GUARD SHORT RADIUS	614.0370 STEEL PLATE BEAM GUARD SHORT RADIUS	614.0390 STEEL PLATE BEAM GUARD SHORT RADIUS	614.0396 GUARDRAIL MOW STRIP	614.0820 SALVAGED RAIL	614.2300 GUARDRAIL MGS	613.2330 GUARDRAIL 3 K MGS	614.2340 GUARDRAIL 3L MGS	614.2560 THREE BEAM TRANSITION EAT	614.2610 TERMINAL EAT	REMARKS
294+85.11 - 294+37.78	RT							628.3						DUNN COUNTY
294+37.78 - 300+12.45	RT							575						DUNN COUNTY
300+12.45 - 300+65.57	RT													DUNN COUNTY
309+40.28 - 309+83.40	RT													DUNN COUNTY
309+83.21 - 310+36.33	RT													DUNN COUNTY
309+83.40 - 311+18.41	RT							255.5						DUNN COUNTY
310+36.33 - 311+61.33	RT							249.4						DUNN COUNTY
311+61.33 - 312+14.46	RT													DUNN COUNTY
311+61.33 - 312+14.46	RT													DUNN COUNTY
414+44.00 - 414+51.24	LT			44										DUNN COUNTY
414+51.24 - 414+85.29	LT													DUNN COUNTY
414+85.29 - 415+02.87	RT							119.8						DUNN COUNTY
414+85.29 - 415+35.79	RT							118.7						DUNN COUNTY
415+02.87 - 415+52.52	RT													DUNN COUNTY
415+52.52 - 415+73.17	RT													DUNN COUNTY
415+52.52 - 415+73.17	RT													DUNN COUNTY
417+71.14 - 417+91.78	LT													DUNN COUNTY
417+91.78 - 418+06.96	RT													DUNN COUNTY
417+91.78 - 423+40.12	LT							437.2						DUNN COUNTY
418+06.96 - 418+56.86	RT							116.8						DUNN COUNTY
418+56.86 - 419+06.96	RT													DUNN COUNTY
423+40.12 - 423+89.74	LT													DUNN COUNTY
423+89.74 - 424+06.96	RT													DUNN COUNTY
462+28.85 - 462+54.85	RT							226.3						DUNN COUNTY
462+54.85 - 464+07.88	RT							241.8						DUNN COUNTY
464+07.88 - 464+62.88	RT													DUNN COUNTY
464+62.88 - 464+62.88	RT													DUNN COUNTY
565+29.2 - 571+64.15	RT													DUNN COUNTY
565+29.2 - 571+64.15	RT													DUNN COUNTY
571+13.51 - 571+43.78	RT							725.5						DUNN COUNTY
574+90.20 - 575+40.20	RT							100						DUNN COUNTY
575+23.72 - 575+73.72	LT							100						DUNN COUNTY
577+21.03 - 577+71.03	RT							100						DUNN COUNTY
577+51.09 - 578+01.09	RT							50.0						DUNN COUNTY
SUBTOTAL		84	0	1225	44	120	256	3477.3	1075	0	0	0	10	
ITEM TOTALS		252	150	2025	17	3	1225	6350	2300	225	113	25	25	

MAINTENANCE AND
REPAIR OF HAUL ROADS
(7090-05-65)

STATION	618.0100 EACH
USH 12	1
ITEM TOTAL	1

MOBILIZATION

STATION	619.1000 EACH
USH 12	0.98
CATEGORY 0010	0.02
CATEGORY 0020	0.02
ITEM TOTAL	1

TOPSOIL, MULCHING AND SEEDING

STATION	LOCATION	625.0100 TOPSOIL		627.0200 MULCHING		629.0205 FERTILIZER		630.0120 SEEDING		630.0200 SEEDING		REMARKS
		SY	SY	SY	CWT	NO. 20	TEMPORARY	LB	LB	LB	LB	
USH 12	548+00	133	171	0.1	0.1	6	6	6	6	6	6	ST. CROIX COUNTY
575+00 - 608+00	LT	7065	7832	4.4	4.4	217	217	217	217	217	217	ST. CROIX COUNTY
132+50 - 133+50	LT & RT	93	122	0.1	0.1	4	4	4	4	4	4	DUNN COUNTY
137+50 - 138+00	LT & RT	241	296	0.1	0.1	8	8	8	8	8	8	DUNN COUNTY
200+00 - 201+00	LT & RT	103	131	0.1	0.1	3	3	3	3	3	3	DUNN COUNTY
287+50 - 288+00	LT & RT	154	209	0.1	0.1	5	5	5	5	5	5	DUNN COUNTY
375+00 - 376+00	LT & RT	165	220	0.1	0.1	6	6	6	6	6	6	DUNN COUNTY
441+00 - 442+00	LT & RT											DUNN COUNTY
ITEM TOTALS		8105	9274	6.1	6.1	253	253	253	253	253	253	

Addendum No. 2
ID 7090-05-65
Added Sheet 55A
March 4, 2015

BARRIER SYSTEM GRADING SHAPING FINISHING

STATION	LOCATION	614.0010 BARRIER SYSTEM GRADING SHAPING FINISHING	EACH	*EXCAVATION COMMON CY	*BORROW CY	*SALVAGED TOPSOIL SY	*FERTILIZER TYPE A CWT	*SEEDING MIXTURE NO.20 LB	*MULCHING SY	REMARKS
USH12										
609+59.74 - 610+14.36	LT	1	1	4	115	200	200	0.2	8	ST. CROIX COUNTY
609+62.62 - 610+34.30	RT	1	1	115	115	200	200	0.2	8	ST. CROIX COUNTY
612+28.93 - 612+81.99	RT	1	1	43	300	200	200	0.2	8	ST. CROIX COUNTY
612+84.38 - 613+37.50	LT	1	1	10	0	200	200	0.2	8	ST. CROIX COUNTY
613+62.50 - 614+15.63	LT	1	1	20	0	200	200	0.2	8	ST. CROIX COUNTY
638+89.22 - 639+19.22	RT	1	1	10	20	200	200	0.2	8	ST. CROIX COUNTY
9+08.57 - 9+63.09	LT	1	1	5	49	200	200	0.2	8	DUNN COUNTY
10+37.21 - 10+82.73	LT	1	1	5	49	200	200	0.2	8	DUNN COUNTY
10+88.09 - 11+41.22	RT	1	1	6	100	200	200	0.2	8	DUNN COUNTY
73+63.31 - 74+42.85	LT	1	1	24	57	200	200	0.2	8	DUNN COUNTY
76+16.05 - 77+25.60	RT	1	1	24	57	200	200	0.2	8	DUNN COUNTY
77+77.95 - 77+25.41	LT	1	1	181	77	200	200	0.2	8	DUNN COUNTY
273+80.63 - 274+40.63	LT	1	1	181	77	200	200	0.2	8	DUNN COUNTY
278+86.76 - 279+36.87	RT	1	1	181	77	200	200	0.2	8	DUNN COUNTY
293+85.11 - 294+37.78	RT	1	1	7	61	200	200	0.2	8	DUNN COUNTY
300+12.45 - 300+65.57	RT	1	1	23	2	200	200	0.2	8	DUNN COUNTY
309+40.28 - 309+83.40	LT	1	1	66	40	200	200	0.2	8	DUNN COUNTY
309+83.21 - 310+36.33	RT	1	1	66	40	200	200	0.2	8	DUNN COUNTY
311+18.41 - 311+71.53	LT	1	1	66	40	200	200	0.2	8	DUNN COUNTY
311+61.33 - 312+14.46	RT	1	1	66	40	200	200	0.2	8	DUNN COUNTY
418+56.26 - 419+05.87	RT	1	1	133	133	200	200	0.2	8	DUNN COUNTY
418+56.26 - 419+05.86	RT	1	1	133	133	200	200	0.2	8	DUNN COUNTY
423+40.12 - 423+89.74	LT	1	1	34	133	200	200	0.2	8	DUNN COUNTY
461+76.73 - 462+29.65	LT	1	1	24	0	200	200	0.2	8	DUNN COUNTY
462+31.63 - 462+84.76	RT	1	1	24	0	200	200	0.2	8	DUNN COUNTY
463+54.85 - 464+07.98	LT	1	1	24	0	200	200	0.2	8	DUNN COUNTY
464+00.76 - 464+62.88	RT	1	1	24	0	200	200	0.2	8	DUNN COUNTY
555+29.03 - 555+79.91	RT	1	1	24	0	200	200	0.2	8	DUNN COUNTY
571+49.20 - 571+98.08	RT	1	1	82	0	200	200	0.2	8	DUNN COUNTY
574+90.20 - 575+40.20	RT	1	1	82	0	200	200	0.2	8	DUNN COUNTY
575+23.72 - 575+73.72	LT	1	1	82	0	200	200	0.2	8	DUNN COUNTY
577+21.03 - 577+71.03	RT	1	1	36	0	200	200	0.2	8	DUNN COUNTY
577+51.09 - 578+01.09	LT	1	1	36	0	200	200	0.2	8	DUNN COUNTY
ITEM TOTALS		35	1544	1872	7000	7000	7	280		

* ITEMS & QUANTITIES LISTED FOR BID INFORMATION ONLY.

EROSION CONTROL ITEMS

STATION	LOCATION	629.1520 FENCE LF	628.1520 FENCE LF	628.6905 EROSION MAT CLASS I TYPE A SY	628.7504 TERRARY CURB DITCH CHECKS LF	628.7555 TERRARY CURB PIPE CHECKS EACH	REMARKS
USH 12	LT	200	200				
547+00 - 548+50	LT	3200	3200	7800	1.6		
575+00 - 606+00	LT						
583+50	LT				10		
594+50	LT				10		
609+00 - 615+00	LT & RT	765	765				
638+50 - 639+50	LT & RT	100	100				
8+25 - 12+25	LT & RT	400	400				
73+25 - 78+00	RT	250	250				
132+50 - 133+25	LT & RT	180	180				
137+50 - 138+00	LT & RT	160	160			16	
172+50 - 173+00	LT & RT	160	160			8	
272+25 - 280+50	LT & RT	600	600			8	
287+50 - 288+00	LT & RT	170	170			8	
293+25 - 294+50	RT	125	125				
300+00 - 301+50	RT	125	125				
308+50 - 313+00	LT & RT	550	550			8	
375+00 - 376+00	LT & RT	245	245			8	
414+25 - 419+50	LT & RT	275	275			8	
425+50 - 426+00	LT & RT	600	600			8	
469+75 - 465+50	LT & RT	600	600			8	
587+50 - 588+50	LT & RT	110	110				
571+00 - 579+50	LT & RT	900	900	200	50		
UNDISTRIBUTED		330	330				
ITEM TOTALS		9935	9935	8000	1.6	70	56

PAVEMENT MARKING

STATION	LOCATION	646.0106 (CHANNELIZING) 4-INCH LF	647.0568 STOP LINE 18-INCH LF	647.0578 STOP LINE 24-INCH LF	649.0100 TERRARY 4-INCH LF	REMARKS
USH 12	LT & RT					
10+00 - 560+75	LT & RT	149860				WHITE EDGE
10+00 - 560+75	LT & RT		149860		149860	YELLOW CENTERLINE
WILSON ST	LT			50		WHITE
	RT	200			200	WHITE
STH 79	LT & RT				200	YELLOW CENTERLINE
	LT & RT	400		33	41	
ITEM TOTALS		149860	149860	83	41	150060

Addendum No. 2
ID 7090-05-65
Revised Sheet 56
March 4, 2015

MOBILIZATIONS EROSION CONTROL

STATION	628.1095 EROSION CONTROL EACH	628.1910 EMERGENCY EROSION CONTROL EACH
USH 12	2	2
ITEM TOTALS	2	2

TRAFFIC CONTROL

STATION	643.0100 (7090-05-65) EACH	643.0300 DRUMS TYPE III DAYS	643.0705 BARRICADES TYPE A DAYS	643.0715 WARNING LIGHTS TYPE C DAYS	643.1050 SIGNS PCMS COMMUNICATIONS DAYS	SPV.0045.01 PCMS CELLULAR COMMUNICATIONS DAYS	REMARKS
USH 12	1	2328	3880	870	1050		
		120	1960				
ITEM TOTAL	1	8348	4510	20	40	96	97

FIELD OFFICE TYPE B

STATION	642.5001 EACH
USH 12	1
ITEM TOTAL	1

LOCATING NO-PASSING ZONES

STATION	648.0100 MI
USH 12	14.17
ITEM TOTAL	14.17

CONSTRUCTION STAKING

STATION	650.5500 CURB GUTTER AND CURB & CUTTER LF	650.6000 PIPE LAYOUT CULVERTS (C-17 6038) EACH	650.6500 STRUCTURE LAYOUT REFERENCE LF	650.9910 SUPPLEMENTAL CONTROL STAKES (7090-05-65) LS	650.9920 SLOPE STAKES LF
USH 12	110		74828	1	3100
547+55.65 - 548+66.12	LT & RT				100
575+00 - 606+00	LT & RT				50
132+50 - 133+50	LT & RT	1			100
132+68.50	LT & RT				100
133+01.50	LT & RT				100
137+71.81	LT & RT				100
137+71.81	LT & RT				100
200+00 - 201+00	LT & RT	1			100
200+61.43	LT & RT				100
287+00 - 298+00	LT & RT	1			100
287+65.00	LT & RT				100
375+00 - 376+00	LT & RT	1			100
375+46.28	LT & RT				100
441+68.10	LT & RT	1			100
569+09.29	RT	1			3850
ITEM TOTALS	110	7	74828	1	3850

PROJECT NO: 7090-05-65

HWY: USH 12

COUNTY: ST. CROIX AND DUNN

MISCELLANEOUS QUANTITIES

SHEET 56

FILE NAME : \$FILES

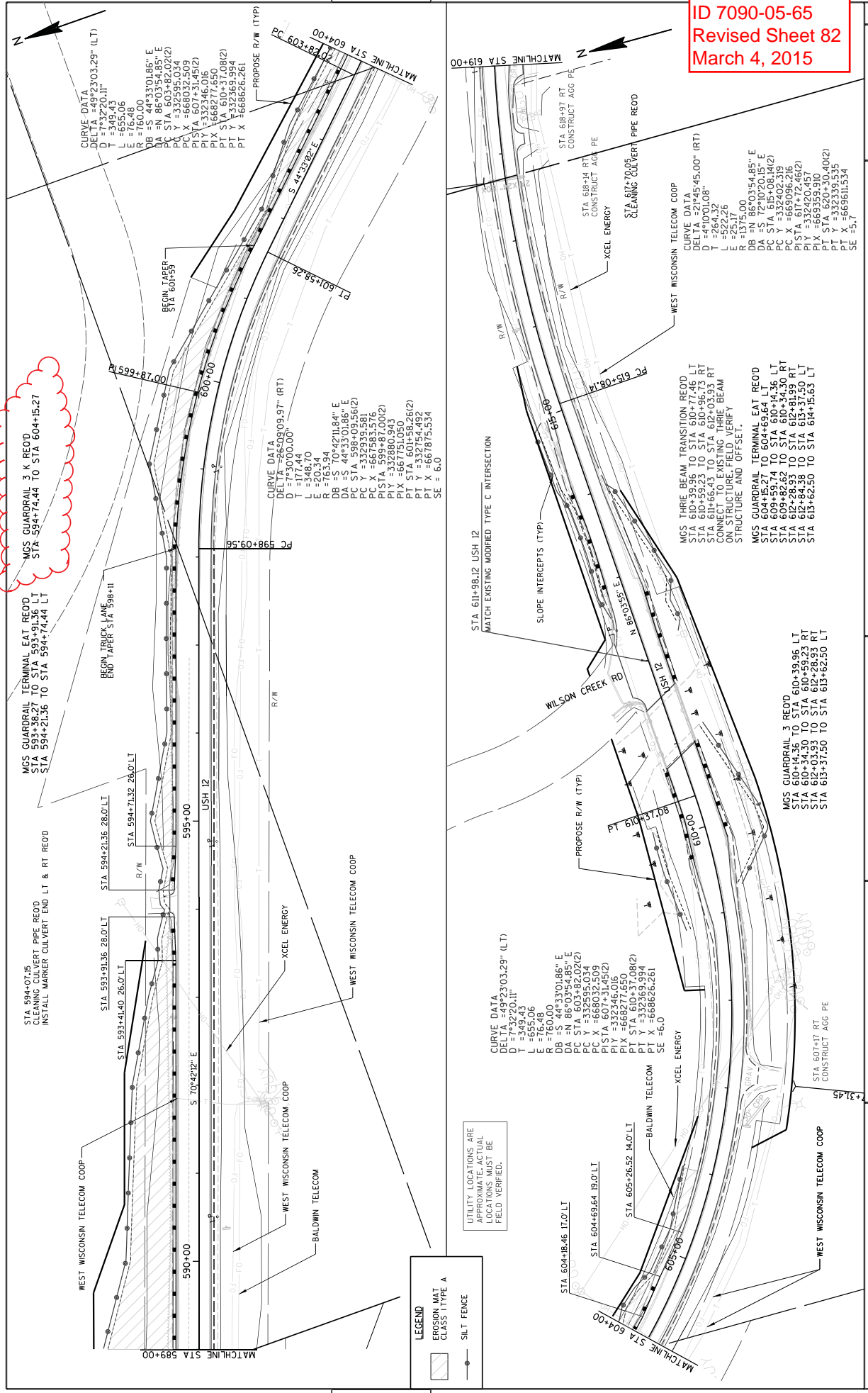
PLOT TIME : \$TIME\$

PLOT NAME : \$PLOTUSER\$

PLOT SCALE : \$PLOTSCALE\$

WISDOT/CADDIS SHEET 43

Addendum No. 2
 ID 7090-05-65
 Revised Sheet 82
 March 4, 2015



MCS GUARDRAIL 3 K REOD
 STA 594+74.44 TO STA 604+15.27

MCS GUARDRAIL TERMINAL EAT REOD
 STA 593+38.27 TO STA 593+91.36 LT
 STA 594+21.36 TO STA 594+74.44 LT

STA 594+07.15
 CLEANING CULVERT PIPE REOD
 INSTALL MARKER CULVERT END LT & RT REOD

STA 593+91.36 28.0' LT
 STA 594+21.36 28.0' LT
 STA 593+41.40 26.0' LT
 STA 594+71.32 26.0' LT

CURVE DATA
 DELTA = 33°03.29" (LT)
 D = 7732.20' (11")
 T = 349.43
 L = 655.06
 E = 76.48
 DB = 60448.3370186" E
 DA = N 86°03'54.85" E
 PC STA 603+82.02(2)
 PC Y = 332595.034
 PC X = 668032.509
 PIV = 332346.016
 PIV Y = 332346.016
 PIV X = 666827.650
 PT STA 604+37.08(2)
 PT Y = 332369.994
 PT X = 666862.261
 SE = 6.0

CURVE DATA
 DELTA = 26°09'09.97" (RT)
 D = 17370.00' (11")
 T = 348.70
 L = 20.34
 R = 763.94
 DB = S 70°47'11.84" E
 DA = N 86°03'54.85" E
 PC STA 598+09.56(2)
 PC Y = 332939.581
 PC X = 667583.576
 PIV = 332780.945
 PIV Y = 332780.945
 PIV X = 667583.576
 PT STA 601+58.26(2)
 PT Y = 332754.492
 PT X = 667875.534
 SE = 6.0

CURVE DATA
 DELTA = 33°03.29" (LT)
 D = 7732.20' (11")
 T = 349.43
 L = 655.06
 E = 76.48
 DB = 60448.3370186" E
 DA = N 86°03'54.85" E
 PC STA 603+82.02(2)
 PC Y = 332595.034
 PC X = 668032.509
 PIV = 332346.016
 PIV Y = 332346.016
 PIV X = 666827.650
 PT STA 604+37.08(2)
 PT Y = 332369.994
 PT X = 666862.261
 SE = 6.0

CURVE DATA
 DELTA = 26°09'09.97" (RT)
 D = 17370.00' (11")
 T = 348.70
 L = 20.34
 R = 763.94
 DB = S 70°47'11.84" E
 DA = N 86°03'54.85" E
 PC STA 598+09.56(2)
 PC Y = 332939.581
 PC X = 667583.576
 PIV = 332780.945
 PIV Y = 332780.945
 PIV X = 667583.576
 PT STA 601+58.26(2)
 PT Y = 332754.492
 PT X = 667875.534
 SE = 6.0

CURVE DATA
 DELTA = 33°03.29" (LT)
 D = 7732.20' (11")
 T = 349.43
 L = 655.06
 E = 76.48
 DB = 60448.3370186" E
 DA = N 86°03'54.85" E
 PC STA 603+82.02(2)
 PC Y = 332595.034
 PC X = 668032.509
 PIV = 332346.016
 PIV Y = 332346.016
 PIV X = 666827.650
 PT STA 604+37.08(2)
 PT Y = 332369.994
 PT X = 666862.261
 SE = 6.0

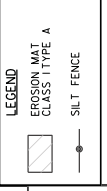
CURVE DATA
 DELTA = 33°03.29" (LT)
 D = 7732.20' (11")
 T = 349.43
 L = 655.06
 E = 76.48
 DB = 60448.3370186" E
 DA = N 86°03'54.85" E
 PC STA 603+82.02(2)
 PC Y = 332595.034
 PC X = 668032.509
 PIV = 332346.016
 PIV Y = 332346.016
 PIV X = 666827.650
 PT STA 604+37.08(2)
 PT Y = 332369.994
 PT X = 666862.261
 SE = 6.0

CURVE DATA
 DELTA = 26°09'09.97" (RT)
 D = 17370.00' (11")
 T = 348.70
 L = 20.34
 R = 763.94
 DB = S 70°47'11.84" E
 DA = N 86°03'54.85" E
 PC STA 598+09.56(2)
 PC Y = 332939.581
 PC X = 667583.576
 PIV = 332780.945
 PIV Y = 332780.945
 PIV X = 667583.576
 PT STA 601+58.26(2)
 PT Y = 332754.492
 PT X = 667875.534
 SE = 6.0

CURVE DATA
 DELTA = 33°03.29" (LT)
 D = 7732.20' (11")
 T = 349.43
 L = 655.06
 E = 76.48
 DB = 60448.3370186" E
 DA = N 86°03'54.85" E
 PC STA 603+82.02(2)
 PC Y = 332595.034
 PC X = 668032.509
 PIV = 332346.016
 PIV Y = 332346.016
 PIV X = 666827.650
 PT STA 604+37.08(2)
 PT Y = 332369.994
 PT X = 666862.261
 SE = 6.0

CURVE DATA
 DELTA = 26°09'09.97" (RT)
 D = 17370.00' (11")
 T = 348.70
 L = 20.34
 R = 763.94
 DB = S 70°47'11.84" E
 DA = N 86°03'54.85" E
 PC STA 598+09.56(2)
 PC Y = 332939.581
 PC X = 667583.576
 PIV = 332780.945
 PIV Y = 332780.945
 PIV X = 667583.576
 PT STA 601+58.26(2)
 PT Y = 332754.492
 PT X = 667875.534
 SE = 6.0

CURVE DATA
 DELTA = 33°03.29" (LT)
 D = 7732.20' (11")
 T = 349.43
 L = 655.06
 E = 76.48
 DB = 60448.3370186" E
 DA = N 86°03'54.85" E
 PC STA 603+82.02(2)
 PC Y = 332595.034
 PC X = 668032.509
 PIV = 332346.016
 PIV Y = 332346.016
 PIV X = 666827.650
 PT STA 604+37.08(2)
 PT Y = 332369.994
 PT X = 666862.261
 SE = 6.0



UTILITY LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

Addendum No. 2
 ID 7090-05-65
 Revised Sheet 204
 March 4, 2015

USH 2 ST. CROIX COUNTY DRIVEWAY & TRUCK LANE

STATION	END AREA		VOLUME		CUM VOLUME CUT (CY)	CUM VOLUME +FILL (CY)	MASS HAUL (CY)
	CUT (SF)	FILL (SF)	CUT (CY)	+FILL (CY)			
574+50	0	0	0	0	0	0	0
575+00	13.4	0	12	0	12	0	12
576+00	16.4	0	15	0	27	0	27
576+54	12.5	7.7	6	5	7	7	0
578+00	11.5	17.9	11	16	22	22	53
578+55	8.8	59	9	47	69	69	15
577+00	4.6	37.4	11	105	94	173	-78
578+00	6	0	20	90	115	263	-148
579+00	13	0	35	0	150	283	-113
580+00	17.2	0.1	56	0	206	284	-58
581+00	14	0	36	0	242	284	0
582+00	4.6	6.5	34	16	280	296	19
583+00	15.5	0	34	10	325	306	37
584+00	30.7	0	82	0	414	295	116
585+00	29.9	0	112	0	526	295	231
585+10	13.9	0	6	0	534	295	239
585+34	6	0.1	9	0	543	295	248
585+58	3.8	0.5	4	0	547	295	252
586+00	1.8	5.2	2	2	550	295	253
585+67	1.8	5.2	2	3	552	300	253
586+11	1.1	18.3	1	14	553	314	239
586+35	1.8	30.6	1	29	554	343	211
587+00	3.6	54.8	6	133	561	476	85
588+00	11.8	208.8	29	635	589	1111	-521
589+00	7.5	191.5	38	964	625	2074	-1449
590+00	6.5	134.7	26	785	651	2860	-2209
591+00	3.2	155.3	13	748	663	3608	-3045
592+00	3.2	155.3	13	748	683	4326	-3842
593+00	8.2	19.5	21	421	705	4747	-4042
593+41	7.6	10.1	12	30	717	4776	-4059
593+66	16.4	0	11	6	728	4782	-4054
593+91	12.8	0.1	14	0	742	4782	-4040
594+00	8.3	0.5	3	0	745	4782	-4037
594+21	19.8	0	18	0	763	4782	-4028
594+46	11.4	0	15	0	774	4782	-4008
594+71	8.9	20.9	9	13	784	4795	-4011
595+00	5.7	30.3	8	35	791	4830	-4039
596+00	6.3	0.2	22	73	814	4804	-4090
597+00	8.9	0	28	0	842	4904	-4063
598+00	10.5	0.1	38	0	878	4805	-4027
599+00	4.3	37.3	27	80	905	4595	-4169
600+00	10.9	0.2	41	52	946	5182	-4207
601+00	10.9	2.2	41	52	975	5182	-4207
602+00	10.8	0.1	40	6	1015	5188	-4173
603+00	9.4	14.2	37	34	1052	5222	-4170
604+00	4.2	2.3	25	40	1078	5262	-4184
604+18	5.3	14.5	3	7	1081	5269	-4189
604+44	4	11.2	6	16	1085	5285	-4200
605+00	7.4	0.2	15	2	1100	5285	-4193
605+27	7.4	0.2	15	2	1100	5284	-4189
606+00	7.4	9.3	20	17	1123	5311	-4186
606+50	0	0	7	11	1132	5322	-4189

- Notes:
- 1) Shaded/Inusable Placement Material is included in Cut
 - 2) Does not include Inusable Placement Excavation volume.
 - 3) Will be backfilled with Cut or Borrow.
 - 4) Plus quantity indicates an excess of material. Minus indicates a shortage of material.

Addendum No. 2
ID 7090-05-65
Revised Sheet 205
March 4, 2015

USH 12 DUNN COUNTY PIPES

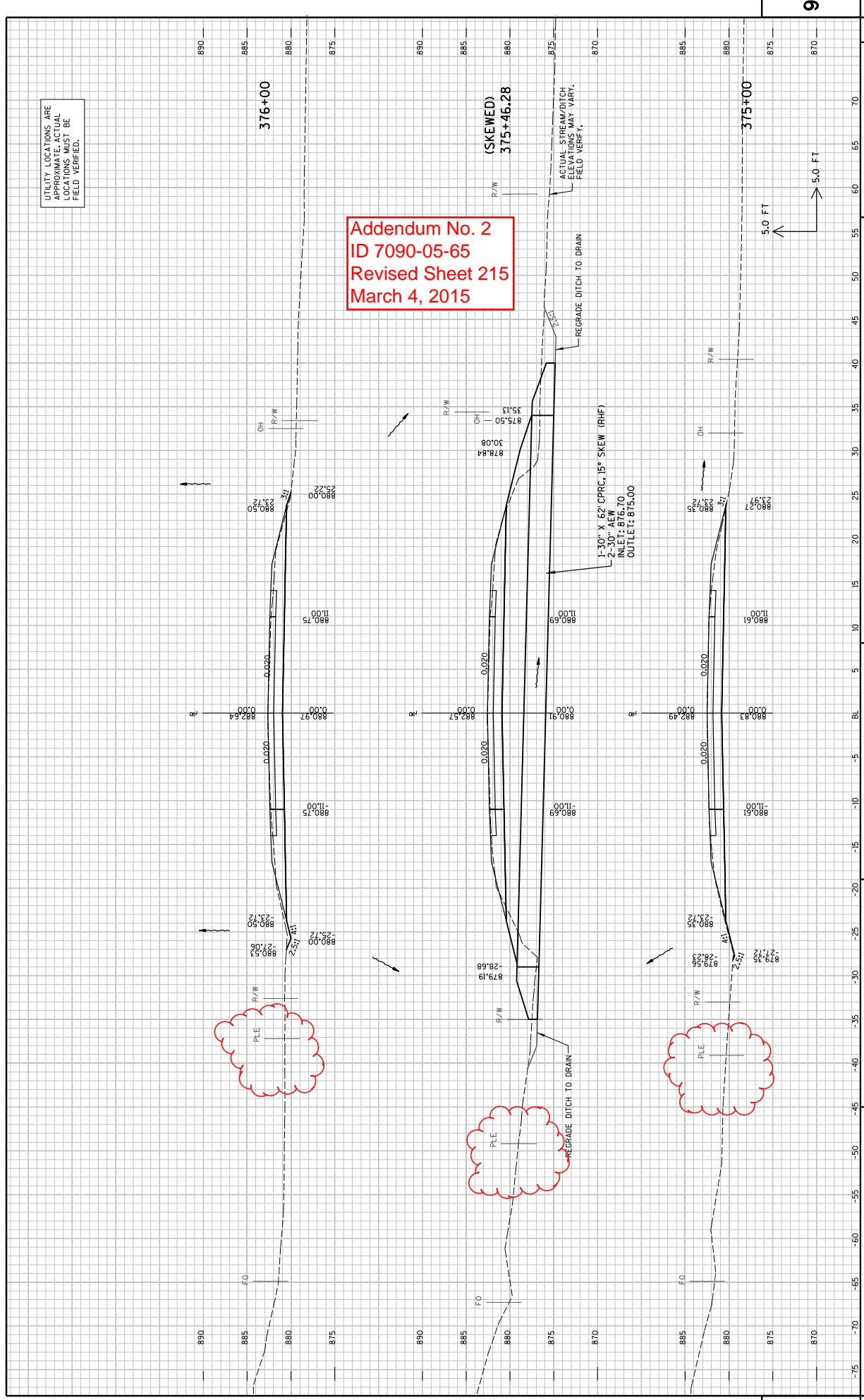
STATION	END AREA		VOLUME		CURV VOLUME		MASS HAUL (CY)
	CUT (SF)	FILL (SF)	CUT (CY)	*FILL (CY)	CUT (CY)	*FILL (CY)	
132+00	0	0	0	0	0	0	0
132+50	69	1.2	64	1	64	1	62
132+99	69.3	0	124	1	188	3	185
133+02	67.4	1.2	8	0	196	3	193
133+50	59.3	0	114	1	309	4	305
134+00	0	0	55	0	364	4	360
137+00	0	0	0	0	0	0	0
137+50	75.5	1.8	70	2	70	2	68
137+72	65.4	13.9	57	6	127	10	117
138+00	56.7	0	63	9	191	20	171
138+50	0	0	53	0	243	20	223
169+50	0	0	0	0	0	0	0
200+00	83.9	1.8	76	2	78	2	76
200+61	63.3	55.2	167	64	245	86	159
201+00	85.7	4.9	106	56	352	142	209
201+50	0	0	79	6	431	148	283

STATION	END AREA		VOLUME		CURV VOLUME		MASS HAUL (CY)
	CUT (SF)	FILL (SF)	CUT (CY)	*FILL (CY)	CUT (CY)	*FILL (CY)	
287+00	0	0	0	0	0	0	0
287+50	92.3	0	85	0	85	0	85
287+85	76.7	0	110	0	185	0	185
288+00	74.1	0.1	42	0	237	0	237
288+50	0	0	69	0	306	0	305
374+50	0	0	0	0	0	0	0
375+00	65	0	60	0	60	0	60
375+48	62.7	0	109	0	170	0	170
376+00	63.2	0.2	125	0	295	0	295
376+50	0	0	59	0	353	0	353
440+50	0	0	0	0	0	0	0
441+00	71.9	0	67	0	67	0	67
441+68	62.2	0.8	169	1	238	1	234
442+00	69.8	0.1	78	1	314	2	312
442+50	0	0	65	0	378	2	376

- Notes:
- 1) Salvaged/Unusable Pavement Material is included in Cut.
 - 2) Does not include Unusable Pavement Excavation volume.
 - 3) Will be backfilled with Cut or Borrow.
 - 4) Plus quantity indicates an excess of material. Minus indicates a shortage of material.

UTILITY LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

Addendum No. 2
 ID 7090-05-65
 Revised Sheet 215
 March 4, 2015



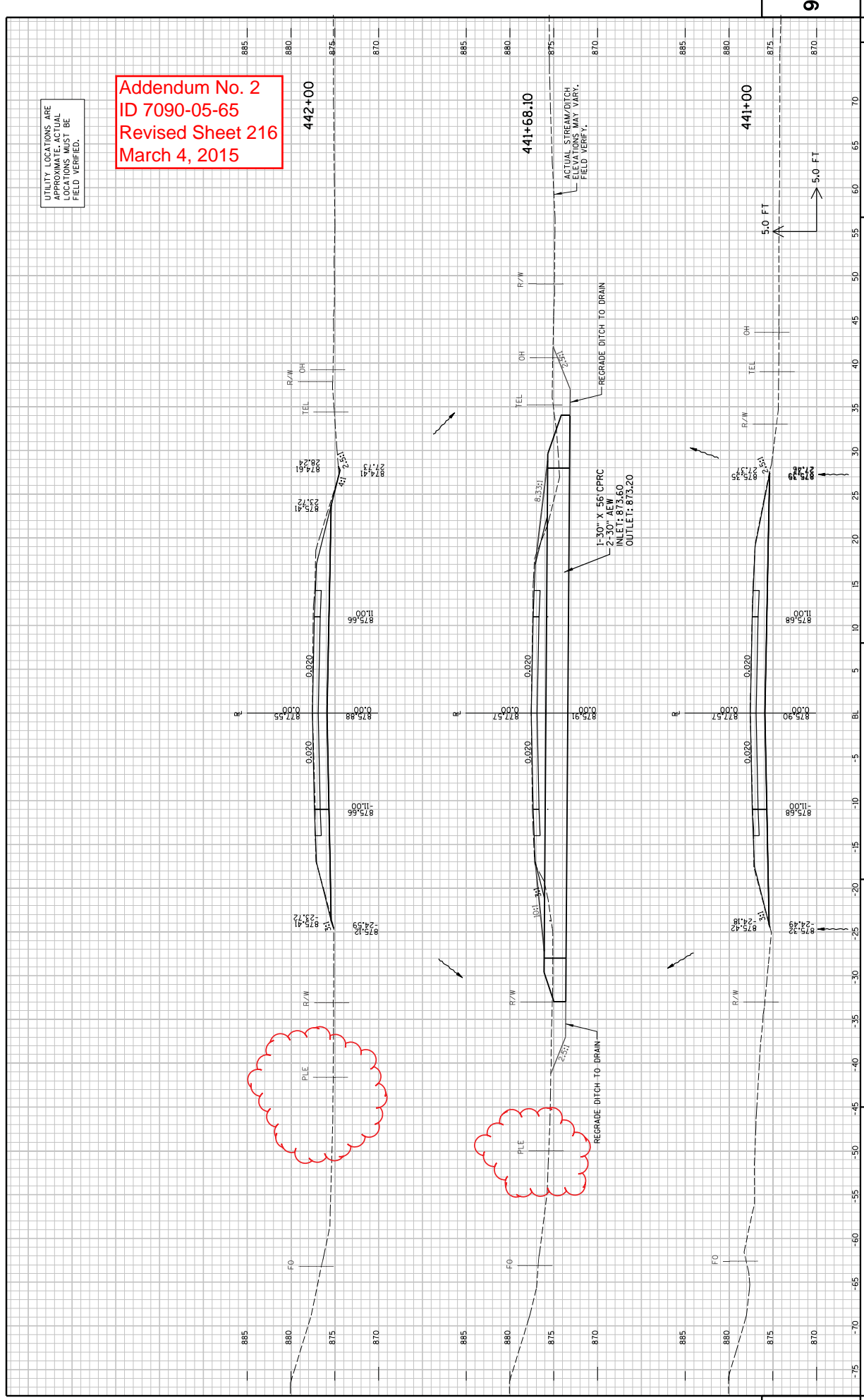
PROJECT NO : 7090-05-65 COUNTY : DUNN HWY : USH 12 CROSS SECTIONS - CULVERTS SHEET NO: 215
 FILE NAME : \$FILES PLOT TIME : \$TIME PLOT DATE : \$DATE\$ PLOT BY : \$\$.dioluser\$\$\$\$ PLOT NAME : \$\$.dioluser\$\$\$\$ PLOT SCALE : \$\$.dioluser\$\$\$\$

9

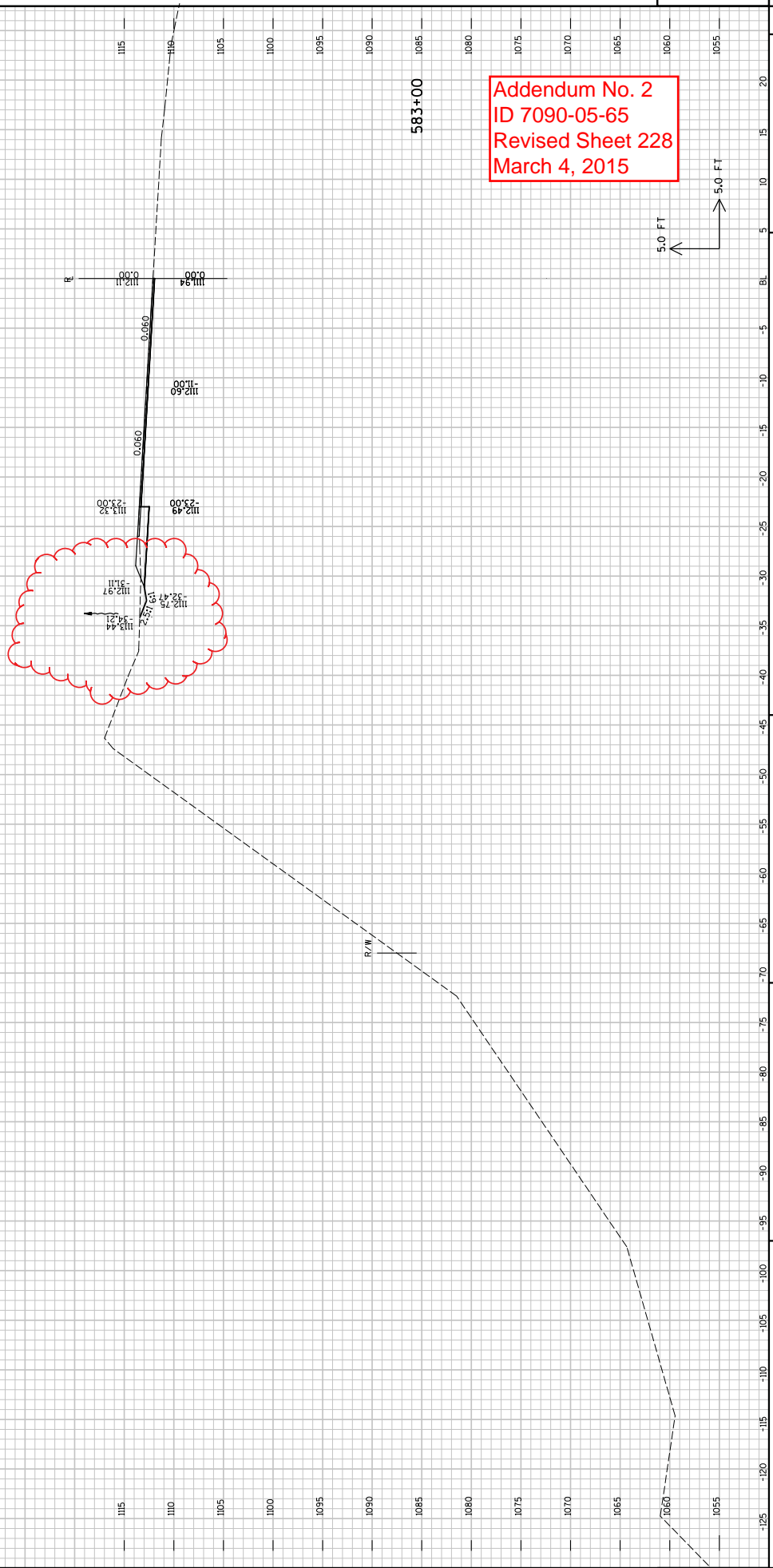
9

UTILITY LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

Addendum No. 2
 ID 7090-05-65
 Revised Sheet 216
 March 4, 2015



UTILITY LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



Addendum No. 2
ID 7090-05-65
Revised Sheet 228
March 4, 2015

9

9

E

PROJECT NO : 7090-05-65

HWY : USH 12

COUNTY : ST. CROIX

CROSS SECTIONS - TRUCK LANE

SHEET NO: 228

FILE NAME : \$FILES*

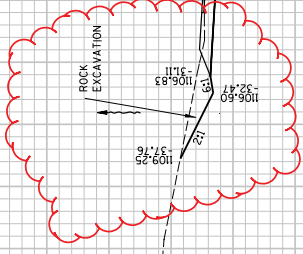
PLOT TIME : \$TIME*

PLOT BY : \$\$..plotuser...\$\$

PLOT SCALE : \$\$.....plotscale.....\$\$

UTILITY LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

Addendum No. 2
ID 7090-05-65
Revised Sheet 229
March 4, 2015



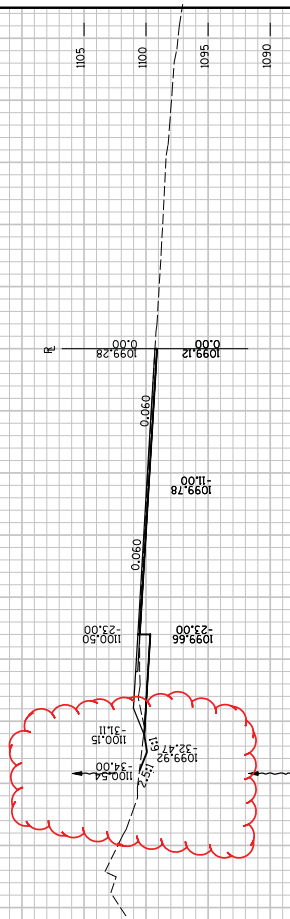
9

9

PROJECT NO : 7090-05-65 COUNTY : ST. CROIX HWY : USH 12 CROSS SECTIONS - TRUCK LANE SHEET NO: 229

FILE NAME : #FILES* PLOT DATE : #DATE# PLOT BY : ##..plotuser...## PLOT SCALE : ##.....plotscale.....##

UTILITY LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



Addendum No. 2
ID 7090-05-65
Revised Sheet 231
March 4, 2015

9

9

PROJECT NO : 7090-05-65 COUNTY : ST. CROIX HWY : USH 12 CROSS SECTIONS - TRUCK LANE SHEET NO: 231

FILE NAME : #FILES* PLOT DATE : \$DATE\$ PLOT BY : #\$.plotuser...\$ PLOT SCALE : #\$.plotscale...\$

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150310035

PROJECT(S):
7090-05-65

FEDERAL ID(S):
WISC 2015149

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 Contract Items

0010	201.0105 Clearing	30.000 STA	.	.	.	.
0020	201.0205 Grubbing	30.000 STA	.	.	.	.
0030	203.0100 Removing Small Pipe Culverts	5.000 EACH	.	.	.	.
0040	203.0200 Removing Old Structure (station) 01.568+01.91	LUMP	LUMP	.	.	.
0050	204.0100 Removing Pavement	570.000 SY	.	.	.	.
0060	204.0110 Removing Asphaltic Surface	962.000 SY	.	.	.	.
0070	204.0115 Removing Asphaltic Surface Butt Joints	5,000.000 SY	.	.	.	.
0080	204.0120 Removing Asphaltic Surface Milling	257,571.000 SY	.	.	.	.
0090	204.0125 Removing Asphaltic Surface Milling	7,100.000 TON	.	.	.	.
0100	204.0150 Removing Curb & Gutter	913.000 LF	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150310035PROJECT(S):
7090-05-65FEDERAL ID(S):
WISC 2015149

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	204.0160 Removing Lip Curb	537.000 LF	.	.	.	.
0120	205.0100 Excavation Common	3,255.000 CY	.	.	.	.
0130	206.2000 Excavation for Structures Culverts (structure) 01. C-17-5038	LUMP	LUMP	.	.	.
0140	208.0100 Borrow	2,275.000 CY	.	.	.	.
0150	210.0100 Backfill Structure	93.000 CY	.	.	.	.
0160	213.0100 Finishing Roadway (project) 01. 7090-05-65	1.000 EACH	.	.	.	.
0170	305.0110 Base Aggregate Dense 3/4-Inch	8,625.000 TON	.	.	.	.
0180	305.0120 Base Aggregate Dense 1 1/4-Inch	1,680.000 TON	.	.	.	.
0190	305.0500 Shaping Shoulders	1,469.000 STA	.	.	.	.
0200	311.0115 Breaker Run	27.000 CY	.	.	.	.
0210	440.4410.S Incentive IRI Ride	56,690.000 DOL	1.00000	.	56690.00	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150310035PROJECT(S):
7090-05-65FEDERAL ID(S):
WISC 2015149

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0220	455.0605 Tack Coat	17,633.000 GAL	.	.	.	.
0230	460.2000 Incentive Density HMA Pavement	18,463.000 DOL	1.00000	.	18463.00	.
0240	465.0105 Asphaltic Surface	8,599.000 TON	.	.	.	.
0250	465.0110 Asphaltic Surface Patching	50.000 TON	.	.	.	.
0260	465.0120 Asphaltic Surface Driveways and Field Entrances	107.000 TON	.	.	.	.
0270	502.5005 Masonry Anchors Type L No. 5 Bars	26.000 EACH	.	.	.	.
0280	504.0100 Concrete Masonry Culverts	56.000 CY	.	.	.	.
0290	505.0410 Bar Steel Reinforcement HS Culverts	5,090.000 LB	.	.	.	.
0300	511.1200 Temporary Shoring (structure) 01. C-17-5038	600.000 SF	.	.	.	.
0310	516.0500 Rubberized Membrane Waterproofing	21.000 SY	.	.	.	.
0320	520.7000 Cleaning Culvert Pipes	21.000 EACH	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150310035PROJECT(S):
7090-05-65FEDERAL ID(S):
WISC 2015149

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0330	522.0318 Culvert Pipe Reinforced Concrete Class IV 18-Inch	116.000 LF	.		.	
0340	522.0330 Culvert Pipe Reinforced Concrete Class IV 30-Inch	118.000 LF	.		.	
0350	522.0342 Culvert Pipe Reinforced Concrete Class IV 42-Inch	66.000 LF	.		.	
0360	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	4.000 EACH	.		.	
0370	522.1042 Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	2.000 EACH	.		.	
0380	523.0429 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	54.000 LF	.		.	
0390	523.0434 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 34x53-Inch	62.000 LF	.		.	
0400	523.0529 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch	2.000 EACH	.		.	
0410	523.0534 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 34x53-Inch	2.000 EACH	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150310035PROJECT(S):
7090-05-65FEDERAL ID(S):
WISC 2015149

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0420	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	110.000 LF	.		.	
0430	606.0300 Riprap Heavy	52.000 CY	.		.	
0440	612.0206 Pipe Underdrain Unperforated 6-Inch	3.000 LF	.		.	
0450	612.0406 Pipe Underdrain Wrapped 6-Inch	71.000 LF	.		.	
0460	614.0200 Steel Thrie Beam Structure Approach	252.000 LF	.		.	
0470	614.0230 Steel Thrie Beam	150.000 LF	.		.	
0480	614.0305 Steel Plate Beam Guard Class A	2,025.000 LF	.		.	
0490	614.0345 Steel Plate Beam Guard Short Radius	120.000 LF	.		.	
0500	614.0370 Steel Plate Beam Guard Energy Absorbing Terminal	17.000 EACH	.		.	
0510	614.0390 Steel Plate Beam Guard Short Radius Terminal	3.000 EACH	.		.	
0520	614.0396 Guardrail Mow Strip Asphalt	1,225.000 SY	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150310035PROJECT(S):
7090-05-65FEDERAL ID(S):
WISC 2015149

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0530	614.0920 Salvaged Rail	8,350.000 LF	.		.	
0550	614.2300 MGS Guardrail 3	3,700.000 LF	.		.	
0560	614.2340 MGS Guardrail 3 L	225.000 LF	.		.	
0570	614.2500 MGS Thrie Beam Transition	113.000 LF	.		.	
0580	614.2610 MGS Guardrail Terminal EAT	25.000 EACH	.		.	
0590	618.0100 Maintenance And Repair of Haul Roads (project) 01. 7090-05-65	1.000 EACH	.		.	
0600	619.1000 Mobilization	1.000 EACH	.		.	
0610	625.0100 Topsoil	8,105.000 SY	.		.	
0620	627.0200 Mulching	9,274.000 SY	.		.	
0630	628.1504 Silt Fence	9,835.000 LF	.		.	
0640	628.1520 Silt Fence Maintenance	9,835.000 LF	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150310035PROJECT(S):
7090-05-65FEDERAL ID(S):
WISC 2015149

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0650	628.1905 Mobilizations Erosion Control	2.000 EACH	.		.	
0660	628.1910 Mobilizations Emergency Erosion Control	2.000 EACH	.		.	
0670	628.2006 Erosion Mat Urban Class I Type A	8,000.000 SY	.		.	
0680	628.6505 Soil Stabilizer Type A	1.600 ACRE	.		.	
0690	628.7504 Temporary Ditch Checks	70.000 LF	.		.	
0700	628.7555 Culvert Pipe Checks	56.000 EACH	.		.	
0710	629.0205 Fertilizer Type A	5.100 CWT	.		.	
0720	630.0120 Seeding Mixture No. 20	253.000 LB	.		.	
0730	630.0200 Seeding Temporary	253.000 LB	.		.	
0740	633.5200 Markers Culvert End	68.000 EACH	.		.	
0750	634.0612 Posts Wood 4x6-Inch X 12-FT	39.000 EACH	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150310035PROJECT(S):
7090-05-65FEDERAL ID(S):
WISC 2015149

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0760	634.0614 Posts Wood 4x6-Inch X 14-FT	172.000 EACH	.	.	.	.
0770	634.0616 Posts Wood 4x6-Inch X 16-FT	42.000 EACH	.	.	.	.
0780	634.0618 Posts Wood 4x6-Inch X 18-FT	6.000 EACH	.	.	.	.
0790	637.2210 Signs Type II Reflective H	1,103.680 SF	.	.	.	.
0800	637.2230 Signs Type II Reflective F	653.390 SF	.	.	.	.
0810	638.2602 Removing Signs Type II	218.000 EACH	.	.	.	.
0820	638.3000 Removing Small Sign Supports	229.000 EACH	.	.	.	.
0830	642.5001 Field Office Type B	1.000 EACH	.	.	.	.
0840	643.0100 Traffic Control (project) 01. 7090-05-65	1.000 EACH	.	.	.	.
0850	643.0300 Traffic Control Drums	4,510.000 DAY	.	.	.	.
0860	643.0420 Traffic Control Barricades Type III	20.000 DAY	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150310035PROJECT(S):
7090-05-65FEDERAL ID(S):
WISC 2015149

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0870	643.0705 Traffic Control Warning Lights Type A	40.000 DAY	.	.	.	.
0880	643.0715 Traffic Control Warning Lights Type C	280.000 DAY	.	.	.	.
0890	643.0900 Traffic Control Signs	8,348.000 DAY	.	.	.	.
0900	645.0105 Geotextile Fabric Type C	88.000 SY	.	.	.	.
0910	645.0120 Geotextile Fabric Type HR	79.000 SY	.	.	.	.
0920	646.0106 Pavement Marking Epoxy 4-Inch	149,860.000 LF	.	.	.	.
0930	646.0126 Pavement Marking Epoxy 8-Inch	400.000 LF	.	.	.	.
0940	646.0406 Pavement Marking Same Day Epoxy 4-Inch	149,860.000 LF	.	.	.	.
0950	647.0566 Pavement Marking Stop Line Epoxy 18-Inch	83.000 LF	.	.	.	.
0960	647.0576 Pavement Marking Stop Line Epoxy 24-Inch	41.000 LF	.	.	.	.
0970	648.0100 Locating No-Passing Zones	14.170 MI	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150310035PROJECT(S):
7090-05-65FEDERAL ID(S):
WISC 2015149

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0980	649.0100 Temporary Pavement Marking 4-Inch	150,060.000 LF	.		.	
0990	650.5500 Construction Staking Curb Gutter and Curb & Gutter	110.000 LF	.		.	
1000	650.6000 Construction Staking Pipe Culverts	7.000 EACH	.		.	
1010	650.6500 Construction Staking Structure Layout (structure) 01. C-17-5038	LUMP	LUMP		.	
1020	650.8000 Construction Staking Resurfacing Reference	74,828.000 LF	.		.	
1030	650.9910 Construction Staking Supplemental Control (project) 01. 7090-05-65	LUMP	LUMP		.	
1040	650.9920 Construction Staking Slope Stakes	3,650.000 LF	.		.	
1050	690.0150 Sawing Asphalt	1,744.000 LF	.		.	
1060	690.0250 Sawing Concrete	58.000 LF	.		.	
1070	715.0502 Incentive Strength Concrete Structures	500.000 DOL	1.00000		500.00	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150310035PROJECT(S):
7090-05-65FEDERAL ID(S):
WISC 2015149

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1080	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,400.000 HRS	5.00000		12000.00	
1090	ASP.1T0G On-the-Job Training Graduate at \$5. 00/HR	990.000 HRS	5.00000		4950.00	
1100	SPV.0060 Special 01. Utility Line Opening	6.000 EACH	.		.	
1110	SPV.0090 Special 01. Regrade Ditch	200.000 LF	.		.	
1120	SPV.0090 Special 02. Clean Ditch	270.000 LF	.		.	
1130	SPV.0090 Special 03. Concrete Curb And Gutter Cure And Seal Treatment	110.000 LF	.		.	
1140	SPV.0105 Special 01. Prepare Foundation For Asphaltic Paving	LUMP	LUMP		.	
1150	SPV.0105 Special 02. Material Transfer Vehicle Special	LUMP	LUMP		.	
1160	SPV.0170 Special 01. Reheating Hma Pavement Longitudinal Joints Special	747.000 STA	.		.	
1170	SPV.0195 Special 01. Hma Pavement Type E-3 Special	28,848.000 TON	.		.	
1180	205.0200 Excavation Rock	30.000 CY	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150310035

PROJECT(S):
7090-05-65

FEDERAL ID(S):
WISC 2015149

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1190	614.0010 Barrier System Grading Shaping Finishing	35.000 EACH	.		.	
1200	614.2330 MGS Guardrail 3 K	2,500.000 LF	.		.	
1210	643.1050 Traffic Control Signs PCMS	97.000 DAY	.		.	
1220	SPV.0045 Special 01. Portable Changeable Message Sign (PCMS) Cellular Communications	97.000 DAY	.		.	
	SECTION 0001 TOTAL				.	
	TOTAL BID				.	