A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: January 20, 2016
Date of Addendum: December 17, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
014	85-0305-243	BRIDGE DECK OVERLAY	STORY	BRFN-030-5(243)--39-85	20JAN014.A01

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0220 2301-0690203 BRIDGE APPROACH, BR-203:
From: 248.900 SY
To: 198.200 SY

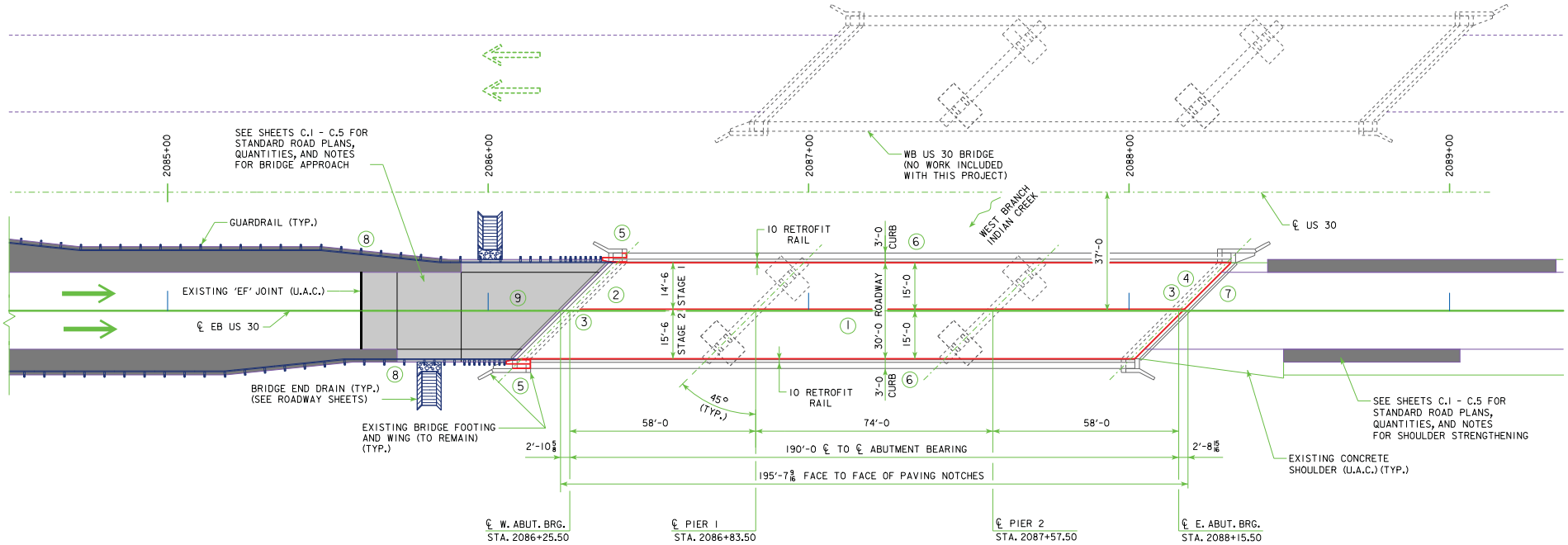
Change Proposal Line No. 0230 2412-0000100 LONGITUDINAL GROOVING IN CONCRETE:
From: 836.000 SY
To: 789.000 SY

Change Proposal Line No. 0300 2510-6745850 REMOVAL OF PAVEMENT:
From: 804.700 SY
To: 754.400 SY

Change Proposal Line No. 0340 2527-9263180 PAVEMENT MARKINGS REMOVED:
From: 61.740 STA
To: 61.790 STA

If the above changes are not made, they will be made as shown here.

Replace Sheet 4, C.1, C.2, C.3 and C.5 with the attached Sheet 4, C.1, C.2, C.3 and C.5.



N

SITUATION PLAN

REPAIR SHALL CONSIST OF:

1. REMOVE EXISTING OVERLAY, SCARIFY DECK, COMPLETE CLASS A REPAIRS, AND OVERLAY THE BRIDGE WITH PCC.
2. REMOVE BACKWALL, CONCRETE DIAPHRAGM, AND EXPANSION JOINT AT WEST ABUTMENT. INSTALL NEW SEMI-INTEGRAL ABUTMENT.
3. PERFORM CONCRETE REPAIRS TO DETERIORATED AREAS OF ABUTMENT FOOTINGS. SEAL EAST ABUTMENT BEARING SEAT AND BACKWALL.
4. CLEAN AND PAINT BEARINGS AT EAST ABUTMENT.
5. REMOVE AND RECONSTRUCT BARRIER AT NEW ABUTMENT DIAPHRAGM.
6. SEAL INSIDE AND TOP FACES OF CURB AND BARRIER RAIL.
7. REMOVE EXISTING JOINT FILLER AND REPLACE WITH NEW COMPRESSION JOINT AT EAST ABUTMENT.
8. REMOVE EXISTING GUARDRAIL AND REPLACE WITH GUARDRAIL MEETING CURRENT STANDARDS. INSTALL PAVED SHOULDER AT GUARDRAILS.
9. REMOVE AND REPLACE APPROACH PAVEMENT TO EXISTING 'EF' JOINT.

TRAFFIC ESTIMATE

2013 AADT 5,100 V.P.D.

TRUCKS 8 %

LOCATION

EB US 30 OVER WEST BRANCH INDIAN CREEK
T-83N R-22W
SECTION 18
NEVADA TOWNSHIP
STORY COUNTY
BRIDGE MAINTENANCE NO. 8557.6R030
LATITUDE: 42.005479°
LONGITUDE: -93.450726°
FHWA NO. 048810

DESIGN FOR REPAIRS TO A 45° SKEW (L.A.)

190'-0 X 30'-0 CONTINUOUS I-BEAM BRIDGE

58'-0 END SPANS 74'-0 INTERIOR SPAN

SITUATION PLAN

STA. 2087+20.50, 37.0' RT. NOVEMEBER 2015

STORY COUNTY

IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION

DESIGN SHEET NO. 3 OF 16 FILE NO. 31194 DESIGN NO. 717

DESIGN TEAM Stanley Consultants Inc. | STORY COUNTY | PROJECT NUMBER BRFN-030-5(243)--39-85 | SHEET NUMBER 4

12/3/2015 11:30:39 AM 09039 pw:\\MUS-PW1.stanleygroup.com:DataSource-1\Documents\Infrastructure Business Unit\PRJ_IADOT\25497\25497.04 - Bridge Deck Overlay Final Design\8503003012 - Story717\BRFinal\85030243 850717s003 Changed by Addenda

100-0A
10-28-97

ESTIMATED ROADWAY QUANTITIES
(1 DIVISION PROJECT)

Item No.	Item Code	Item	Unit	Total	As Built Qty.
1	2102-2625000	EMBANKMENT-IN-PLACE	CY	122.2	
2	2102-2713090	EXCAVATION, CLASS 13, WASTE	CY	32.7	
3	2115-0100000	MODIFIED SUBBASE	CY	98.3	
4	2122-5190501	PAVED SHOULDER, PCC (PAVED SHOULDER PANEL FOR BRIDGE END DRAIN)	SY	11.1	
5	2122-5500080	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 8 IN.	SY	319.1	
6	2122-7450080	SHOULDER STRENGTHENING, OPTIONAL HMA OR PCC, 8 IN.	SY	268.8	
7	2123-7450000	SHOULDER CONSTRUCTION, EARTH	STA	8.14	
8	2301-0690203	BRIDGE APPROACH, BR-203	SY	198.2	
9	2412-0000100	LONGITUDINAL GROOVING IN CONCRETE	SY	789.0	
10	2503-0500401	BRIDGE END DRAIN, DR-401	EACH	2	
11	2505-4008120	REMOVAL OF STEEL BEAM GUARDRAIL	LF	480	
12	2505-4008300	STEEL BEAM GUARDRAIL	LF	325	
13	2505-4008400	STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION	EACH	2	
14	2505-4021010	STEEL BEAM GUARDRAIL END ANCHOR, BOLTED	EACH	2	
15	2505-4021701	STEEL BEAM GUARDRAIL FLARED END TERMINAL	EACH	2	
16	2510-6745850	REMOVAL OF PAVEMENT	SY	754.4	
17	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	90.28	
18	2527-9263131	WET RETROREFLECTIVE REMOVABLE TAPE MARKINGS	STA	28.03	
19	2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	8	
20	2527-9263180	PAVEMENT MARKINGS REMOVED	STA	61.79	
21	2527-9263190	SYMBOLS AND LEGENDS REMOVED	EACH	8	
22	2528-8400048	TEMPORARY BARRIER RAIL, CONCRETE	LF	825	
23	2528-8445110	TRAFFIC CONTROL	LS	1	
24	2548-0000100	MILLED SHOULDER RUMBLE STRIPS, HMA SURFACE	STA	4.80	
25	2548-0000110	ASPHALT EMULSION FOR FOG SEAL (SHOULDER RUMBLE STRIPS)	GAL	5.1	
26	2551-0000110	TEMPORARY CRASH CUSHION	EACH	2	
27	2555-0000010	GUARDRAIL DELIVERY AND STOCKPILE	LS	1	
28	2602-0000020	SILT FENCE	LF	800	
29	2602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	800	
30	2602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	50	
31	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	1	
32	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	1	

100-1D
10-18-05

PROJECT DESCRIPTION

This project involves bridge deck overlay and approach work of the US 30 bridge over West Branch Indian Creek, approximately 0.7 mile east of S-14.

100-4A
10-29-02

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
1	2102-2625000	EMBANKMENT-IN-PLACE
		This item is for grading guardrail blisters and paved shoulder areas. Refer to Tab 107-23 on Sheet C.3 for locations and additional details.
2	2102-2713090	EXCAVATION, CLASS 13, WASTE
		Refer to Tab 112-9 on Sheet C.4 for locations. Excavated material may be used as embankment-in-place.
3	2115-0100000	MODIFIED SUBBASE
		Refer to Tab 112-9 on Sheet C.4 for locations. Refer to Detail 7156 on Sheet B.1 for additional details.
4	2122-5190501	PAVED SHOULDER, PCC (PAVED SHOULDER PANEL FOR BRIDGE END DRAIN)
		Refer to Tab 104-8A on Sheet C.3 for locations and additional details.
5	2122-5500080	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 8 IN.
		Refer to Tab 112-9 on Sheet C.4 for locations. Refer to Detail 7156 on Sheet B.1 for additional details.
6	2122-7450080	SHOULDER STRENGTHENING, OPTIONAL HMA OR PCC, 8 IN.
		Item is for shoulder strengthening prior to traffic shifts for construction staging.
		Refer to Tab 112-9 on Sheet C.4 for locations and additional details.
7	2123-7450000	SHOULDER CONSTRUCTION, EARTH
		Refer to Tab 112-9 on Sheet C.4 for locations. Refer to Detail 7156 on Sheet B.1 for additional details.
8	2301-0690203	BRIDGE APPROACH, BR-203
		Refer to Tab 112-6 on Sheet C.3 for locations and additional details.
9	2412-0000100	LONGITUDINAL GROOVING IN CONCRETE
		Refer to Tab 100-28 on Sheet C.1 for locations and additional details.
10	2503-0500401	BRIDGE END DRAIN, DR-401
		Refer to Tab 104-8A on Sheet C.3 for locations and additional details.
11	2505-4008120	REMOVAL OF STEEL BEAM GUARDRAIL
		Refer to Tab 110-7A on Sheet C.1 for locations and additional details.

100-4A
10-29-02

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
12	2505-4008300	STEEL BEAM GUARDRAIL
13	2505-4008400	STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION
14	2505-4021010	STEEL BEAM GUARDRAIL END ANCHOR, BOLTED
15	2505-4021701	STEEL BEAM GUARDRAIL FLARED END TERMINAL
		Refer to Tab 108-8A on Sheet C.3 for locations and additional details.
16	2510-6745850	REMOVAL OF PAVEMENT
		Refer to Tab 110-1 on Sheet C.2 for locations and additional details.
17	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED
18	2527-9263131	WET RETROREFLECTIVE REMOVABLE TAPE MARKINGS
19	2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED
20	2527-9263180	PAVEMENT MARKINGS REMOVED
21	2527-9263190	SYMBOLS AND LEGENDS REMOVED
		Refer to Tab 108-29 on Sheet C.4 and Tab 108-22 on Sheet C.5 for locations and additional details.
22	2528-8400048	TEMPORARY BARRIER RAIL, CONCRETE
		Refer to Tab 108-33 on Sheet C.2 for locations and additional details.
23	2528-8445110	TRAFFIC CONTROL
		Refer to Tab 108-23A on Sheet J.1 for details.
24	2548-0000100	MILLED SHOULDER RUMBLE STRIPS, HMA SURFACE
25	2548-0000110	ASPHALT EMULSION FOR FOG SEAL (SHOULDER RUMBLE STRIPS)
		Refer to Tab 112-10 on Sheet C.3 for locations and additional details.
26	2551-0000110	TEMPORARY CRASH CUSHION
		Refer to Tab 108-30 on Sheet C.2 for locations and additional details.
27	2555-0000010	GUARDRAIL DELIVERY AND STOCKPILE
		Refer to Tab 110-13 on Sheet C.2 for locations and additional details.
28	2602-0000020	SILT FENCE
29	2602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS
30	2602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK
		Refer to Tab 100-17 on Sheet C.1 for locations and additional details.
31	2602-0010010	MOBILIZATIONS, EROSION CONTROL
32	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL
		Items included for erosion control during embankment-in-place construction.
		Refer to Tab 232-3A on Sheet C.1 for additional details.

281-1
10-15-13

SECTION 404 PERMIT AND CONDITIONS

Construct this project according to the requirements of U.S. Army Corps of Engineers Nationwide, Permit No. 3.
A copy of this permit is available from the Iowa DOT website (http://envpermits.iowadot.gov/CMEPortalENV/Home.aspx). The U.S. Army Corps of Engineers reserves the right to visit the site without prior notice.

110-7A
04-17-12

REMOVAL OF STEEL BEAM GUARDRAIL

(1) Lane(s) to which the installation is adjacent.
(2) Includes length of End Terminals and End Anchors.

Location					Removal of Guardrail (2)
No.	Direction of Traffic (1)	Station to Station		Side	LF
1	EB	2083+66.00	2086+10.00	Rt	244.0
2	EB	2084+04.00	2086+40.00	Lt	236.0

100-28
10-19-10

LONGITUDINAL GROOVING

Location	Total	Remarks
	SY	
2085+60.61	202.0	W. Bridge Approach
2087+20.50	587.0	Bridge

232-3A
10-20-15

EROSION CONTROL
(RURAL SEEDING)

Following the completion of work in a disturbed area, place seed, fertilizer, and mulch on the disturbed area lying 8 feet adjacent to shoulder and median as follows:

Use seed mix and fertilizer meeting the requirements of Article 2601.03,C,3 and Section 4169 of the Standard Specifications.

Use mulch meeting the requirements of Articles 2601.03,E,2,a and 4169.07,A of the Standard Specifications.

Preparing the seedbed and furnishing and applying seed, fertilizer, and mulch is incidental to mobilization and will not be paid for separately.

100-17
04-20-10

TABULATION OF SILT FENCES

Refer to EC-201

Location			Length	Remarks
Begin Station	End Station	Side	LF	
2083+50.00	2086+50.00	Lt	300.0	
2081+25.00	2086+25.00	Rt	500.0	

105-4
10-18-11

STANDARD ROAD PLANS

The following Standard Road Plans apply to construction work on this project.

BA-200	10-18-11	Steel Beam Guardrail Components
BA-201	10-19-10	Steel Beam Guardrail Barrier Transition Section
BA-202	10-21-14	Steel Beam Guardrail Bolted End Anchor
BA-206	10-18-11	Steel Beam Guardrail Flared End Terminal For Cable Connection
BA-250	10-21-14	Steel Beam Guardrail Installation at Concrete Barrier or Bridge End Post
BA-401	04-16-13	Temporary Barrier Rail (Precast Concrete)
BA-500	04-20-10	Temporary Crash Cushions Sand Barrel
BR-203	04-21-15	Double Reinforced 12" Approach
DR-303	04-21-15	Subdrains (Longitudinal)
DR-304	04-21-15	Outlets for Longitudinal, Transverse and Backslope Subdrains
DR-401	04-21-15	Scour Protection for Bridge End Drain
EC-104	04-21-15	Turf Reinforced Mat (TRM)
EC-201	04-21-15	Silt Fence
EW-301	04-19-11	Guardrail Grading
PM-110	04-16-13	Line Types
PM-111	04-21-15	Symbols and Legends
PV-3	10-18-11	Safety Edge
PV-12	04-17-12	Milled Shoulder Rumble Strips
PV-101	04-21-15	Joints
SI-173	04-20-10	Object Markers
SI-211	10-19-10	Object Marker and Delineator Placement with Guardrail
SI-881	10-15-13	Special Signs for Workzones
SI-882	04-20-10	Special Signs for Restricted Width Traffic Control Zones
TC-1	04-16-13	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-81	04-20-10	Restricted Width Signing (Less Than 14.5 Feet)
TC-402	04-21-15	Work Within 15 ft of Traveled Way
TC-418	10-15-13	Lane Closure on Divided Highway
TC-421	10-21-14	Lane Closure with TBR
TC-433	10-21-14	Pavement Marking Operations

111-25
10-18-11

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110-1
04-16-13

REMOVAL OF PAVEMENT

Refer to Tabulation 102-5

* Not a Bid Item

Begin Station	End Station	Side	Pavement Type	Area (SY)	Saw Cut* (LF)	Remarks
2081+50.00	2085+72.00	Rt	HMA	288.0		Outside Shoulder
2083+84.00	2085+92.00	Lt	HMA	200.0		Inside Shoulder
2085+60.50	2086+22.50	Both	PCC/HMA	202.0		W. Bridge Approach
2088+43.00	2089+33.00	Lt	HMA	40.0		Inside Shoulder
2088+48.00	2089+03.00	Rt	HMA	24.4		Outside shoulder

108-33
04-16-13

TEMPORARY BARRIER RAIL

Refer to BA-400 and BA-401

* Not a bid item. Anchorage requirements are based on TBR locations shown in the plans. TBR alignments that vary from what is shown in the plans may result in additional TBR sections requiring anchorage.

No.	Station to Station		Length (LF)	(Select One) Steel BA-400	(Select One) Concrete BA-401	Anchored* (Y/N)	Remarks
1	2083+82.00	2088+44.00	450.0		x	No	Stage 1
2	2084+59.00	2088+44.00	375.0		x	No	Stage 2

108-30
04-16-13

CRASH CUSHIONS

* Bid Item
(1) Lane(s) to which the installation is adjacent.
(2) Complete this section when using the Temporary Crash Cushion bid item and Earthwork is needed for Sand Barrel placement. Refer to BA-500

No.	Direction of Traffic (1)	Location Station	Side	Obstacle Width (FT)	Crash Cushion (Select One)* Temporary	Temporary Redirective	Temporary Severe Use	Permanent	Permanent Severe Use	Sand Barrel Details (2) V Length (FT)	W Length (FT)	X Length (FT)	Y Length (FT)	Z Length (FT)	Earthwork* Excavation Class 10 (CY)	Embankment in Place (CY)	Spare Parts Kit (Select One)* Permanent (EACH)	Permanent Severe Use (EACH)	Obstacle Description	Remarks
1	EB	2083+82.00	Lt	2.00	1						24.25	5.25	3.25	12.00					Temporary Barrier Rail	Stage 1
2	EB	2084+59.00	Rt	2.00	1						24.25	5.25	3.25	12.00					Temporary Barrier Rail	Stage 2

110-13
04-20-10

GUARDRAIL DELIVERY AND STOCKPILING

Item Description	Quantity	Units	Delivery Location	Contact Name & Number	Remarks
Steel Beam Guardrail & Components	475	LF	IADOT Ames Maintenance Yard	Jim Van Sickle, Supervisor 515-663-6367	

112-6
10-20-15

BRIDGE APPROACH SECTION

Refer to the BR Series.

* Not a bid item

Location				Approach Pavement					Standard Road Plans BR Series			Subdrain							
Bridge Station	End	Skew Ahead Degrees LEFT	Skew Ahead Degrees RIGHT	T Thickness	Pay Length	Non-Reinf. Pavement Area	Single-Reinf. Pavement Area	Double-Reinf. Pavement Area	Approach	Fixed or Movable Abutment	Abutting Pavement	* Perforated Subdrain 4"	* Subdrain Outlet		* Porous Backfill	* Class 'A' Crushed Stone Backfill	* Modified Subbase	* Polymer Grid	Remarks
				Inches	FT	SY	SY	SY				LF	STA	Side	CY	CY	TON	SY	
2087+20.50	West	45		12.0	62.0	29.3	53.3	115.6	BR-203	Movable	BR-211	N/A	N/A	N/A	N/A		227.000	225.0	

104-8A
04-21-15

SCOUR PROTECTION OR ROCK FLUME FOR BRIDGE END DRAIN

Refer to Standard Road Plan DR-401 and DR-402

Location			Bid Items		PCC Paved Shoulder			Scour Protection (DR-401)		Rock Flume (DR-402)			Remarks
Bridge Station	Bridge Corner	Distance DI-1 or DI-2	PCC Paved Shoulder	Bridge End Drain	Panels Required	Polymer Grid	Modified Subbase	Outlet or Channel Scour Protection	Turf Reinforced Mat (TRM), Type 2	Macadam Stone Base	Engineering Fabric	Erosion Stone	
		FT	SY	TYPE	A B C or D	SY	TONS	SF	SQ	TONS	SY	TONS	
2087+20.50	SW	25.0	11.1	DR-401	B	11.1	9.960	32.0	4.0				
2087+20.50	NW	38.0	See Remarks	DR-401	See Remarks	See Remarks	See Remarks	32.0	1.0				Shldr Incl. in BR-203

107-23
10-18-11

GRADING FOR GUARDRAIL INSTALLATIONS

(1) Lane(s) to which the installation is adjacent.

Refer to EW-301

Location				Foreslope at Guardrail	Dimensions (Feet)									Earthwork		Remarks
No.	(1) Direction of Traffic	Station	Side		X1	Y1	X2	Y2	X3	Y3	X4	Y4	Z	Excavation Class 10	Embankment In Place	
														CY	CY	
1	EB	2086+05.00	Rt	3:1	47.5	9.0	87.3	13.0	200.1	13.0	237.7	16.5	82.0		61.1	
2	EB	2086+35.00	Lt	3:1	49.5	9.0	89.4	13.0	165.0	13.0	234.5	20.5	97.0		61.1	

108-8A
10-20-15

STEEL BEAM GUARDRAIL AT CONCRETE BARRIER OR BRIDGE RAIL END SECTION

Refer to BA-200, BA-201, BA-202, BA-205, BA-206, BA-210, BA-211, BA-250, SI-172, SI-173 and SI-211.

(1) Lane(s) to which the obstacle is adjacent.

Location					Layout Lengths BA-250				Long-Span System BA-211		Delineators and Object Markers					Bid Items							Remarks
No.	(1) Direction of Traffic	Side O = Outside M = Median	Station	Offset	VT1 (53.125' min.)	VF	VT2	ET (37.5' or 50.0')			SI-211	Delineator SI-172 Type 1	Object Marker SI-173 Type 2	Object Marker SI-173 Type 3		Bolted End Anchor		Barrier Transition Section	Steel Beam Guardrail	End Terminal Standard	End Terminal Flared	Post Adapter	
												White	OM2-2	OM3-L	OM3-R	BA-202		BA-201	BA-200	BA-205	BA-206	BA-210	
				FT	LF	LF	LF	LF	STATION	TYPE	TYPE	EACH	EACH	EACH	EACH	TYPE	EACH	EACH	LF	EACH	EACH	EACH	
1	EB	O	2086+05.50	15.8 Rt	53.125	37.50	112.50	37.5							1	B	1	1	162.5		1		
2	EB	M	2086+35.50	15.8 Lt	53.125	37.50	75.00	75.0						1		B	1	1	162.5		1		ET=75' - Includes 37.5' of BA-200 Tangent to BA-206

112-10
04-19-11

MILLED RUMBLE STRIPS

See PV-12 and PV-13.

* Calculated at 18" width for Shoulder.

Location						Fog Seal* (Milled Rumble Strip)	Effective Shoulder Width			Remarks
Road Identification	Station to Station		Length PCC	Length HMA	Type (Centerline, Rt or Lt Shoulder	Shoulder	PCC Paved	HMA Paved	Granular\ Earth	
			STA	STA		GAL	FT	FT	FT	
US 30	2081+50.00	2085+50.00		4.00	Right Shoulder	4.3				
US 30	2088+63.00	2089+03.00		0.40	Right Shoulder	0.4				
US 30	2088+93.00	2089+33.00		0.40	Left Shoulder	0.4				

PAVEMENT MARKING LINE TYPES

See PM-110

*BCY4 - Place on the same side of the roadway to match existing markings near the project.
**NPY4 - For estimating purposes only. No Passing Zone Lines will be located in the field.
***MNY4 - Factor of 1.00 as value includes number of 4-inch passes to cover median nose area.

BCY4: Broken Centerline (Yellow) @ 0.25
DCY4: Double Centerline (Yellow) @ 2.00
NPY4: No Passing Zone Line (Yellow) @ 1.25
BLW4: Broken Lane Line (White) @ 0.25
ELW4: Edge Line Right (White) @ 1.00
ELY4: Edge Line Left (Yellow) @ 1.00
DLY4: Dotted Line (Yellow) @ 0.33

Location								Length by Line Type (Unfactored)																
Road ID	Station to Station		Dir. of Travel	Marking Type	Side			BCY4*	DCY4	NPY4**	BLW4	ELW4	ELY4	DLY4										Remarks
					L	C	R	STA	STA	STA	STA	STA	STA	STA	STA	STA	STA	STA	STA	STA	STA	STA	STA	
Stage 1																								
Remove																								
US 30	2061+47.50	2074+50.00	EB	Removal of Paint	x								13.03											
US 30	2061+47.50	2085+60.50	EB	Removal of Paint		x					24.13													
US 30	2061+47.50	2089+03.00	EB	Removal of Paint			x					27.56												
US 30	2075+92.00	2081+62.00	EB	Removal of Paint	x							5.70												
Temporary																								
US 30	2061+47.50	2074+50.00	EB	Wet Retroreflective Removable Tape	x								13.03											Removal is incidental
US 30	2073+17.50	2074+60.00	EB	Waterborne/Solvent Paint	x									1.43										
US 30	2074+60.00	2075+93.00	EB	Wet Retroreflective Removable Tape	x							1.33												Removal is incidental
US 30	2074+60.00	2082+38.00	EB	Waterborne/Solvent Paint	x								7.78											
US 30	2080+78.50	2083+48.50	EB	Wet Retroreflective Removable Tape	x								2.70											Removal is incidental
US 30	2081+10.50	2082+38.00	EB	Wet Retroreflective Removable Tape	x							1.28												Removal is incidental
US 30	2082+38.00	2083+48.50	EB	Waterborne/Solvent Paint	x									1.11										
US 30	2083+48.50	2084+33.50	EB	Waterborne/Solvent Paint	x								0.85											
Stage 2																								
Remove																								
US 30	2073+17.50	2074+60.00	EB	Removal of Paint	x									1.43										
US 30	2074+60.00	2082+38.00	EB	Removal of Paint	x								7.78											
US 30	2082+38.00	2083+48.50	EB	Removal of Paint	x									1.11										
US 30	2083+48.50	2084+33.50	EB	Removal of Paint	x								0.85											
Temporary																								
US 30	2061+47.50	2069+17.50	EB	Wet Retroreflective Removable Tape	x							7.70												Removal is incidental
US 30	2069+17.50	2082+25.00	EB	Waterborne/Solvent Paint	x							13.08												
US 30	2082+25.00	2084+25.00	EB	Wet Retroreflective Removable Tape	x							2.00												Removal is incidental
US 30	2084+25.00	2085+10.00	EB	Waterborne/Solvent Paint	x							0.85												
Stage 3																								
Remove																								
US 30	2069+17.50	2082+25.00	EB	Waterborne/Solvent Paint	x							13.08												
US 30	2084+25.00	2085+10.00	EB	Waterborne/Solvent Paint	x							0.85												
Permanent																								
US 30	2061+47.50	2074+50.00	EB	Waterborne/Solvent Paint	x								13.03											
US 30	2061+47.50	2088+18.00	EB	Waterborne/Solvent Paint		x					26.71													
US 30	2061+47.50	2089+03.00	EB	Waterborne/Solvent Paint			x					27.56												
US 30	2075+92.00	2081+62.00	EB	Waterborne/Solvent Paint	x							5.70												
				Factored Total: Waterborne/Solvent Paint				-	-	-	6.68	61.11	21.66	0.84	-	-	-	-	-	-	-	-		
				Factored Total: Wet Retroreflective Removable Tape				-	-	-	-	12.31	15.73	-	-	-	-	-	-	-	-	-		
				Factored Total: Removal of Paint				-	-	-	6.03	33.26	21.66	0.84	-	-	-	-	-	-	-	-		
				Bid Quantity: Painted Pavement Markings, Waterborne or Solvent-Based							90.28													
				Bid Quantity: Wet Retroreflective Removable Tape Markings							28.03													
				Bid Quantity: Pavement Markings Removed							61.79													