

PROPOSED DECK DETAIL

WORK DESCRIPTION

1. Remove Gravel Down to Timber Deck. Care Should be Taken to Not Damage the Asphalt Backer Boards. Paid for and Included in the Cost of the Work.
2. Remove Side Mounted Timber Rail.
3. Install New Side Mounted Type 10R Bridge Rail.
4. Fill Timber Deck Cracks with Hot Poured Asphalt Joint Filler.
5. Place a 2" HMA Overlay across Bridge.
6. Saw Cut and Seal Joints at Abutment Back Faces.

PLAN

BRIDGE DESCRIPTIONS

Structure Number	I-16-AA
Year Built	1937
Mile Marker	65.786
Spans	1 span
Structure Type	TTS Timber Stringer
Sufficiency Rating	92.7
Deck Rating	7 (good)
Deck Thickness	Timber deck
Gravel Thickness	4.0 inches
Expansion Joints Type	None
Expansion Joint Locations	NA
Sawcut and Seal Joint Locations	Abut. 1 & 2
Deck Protection	None
Bridge Rail	Timber

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
JEB	11-16	JEB	11-16	JEB	11-16
Checked By		Checked By		Checked By	

Print Date: 2/13/2017
File Name: 20951 02 Plan Str I-16-AA.dgn
Horiz. Scale: NTS Vert. Scale: As Noted
Staff Bridge Branch - Unit 0226 Unit Leader DDG

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

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 Colorado Springs, CO 80906
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Region 2 DLH

As Constructed
No Revisions:
Revised:
Void:

PLAN STRUCTURE I-16-AA			
Designer:	J. Bjorkquist	Structure Numbers	I-16-AA
Detailer:	J. Bjorkquist	Subset Sheets:	B2 of 7
Sheet Subset:	Bridge		

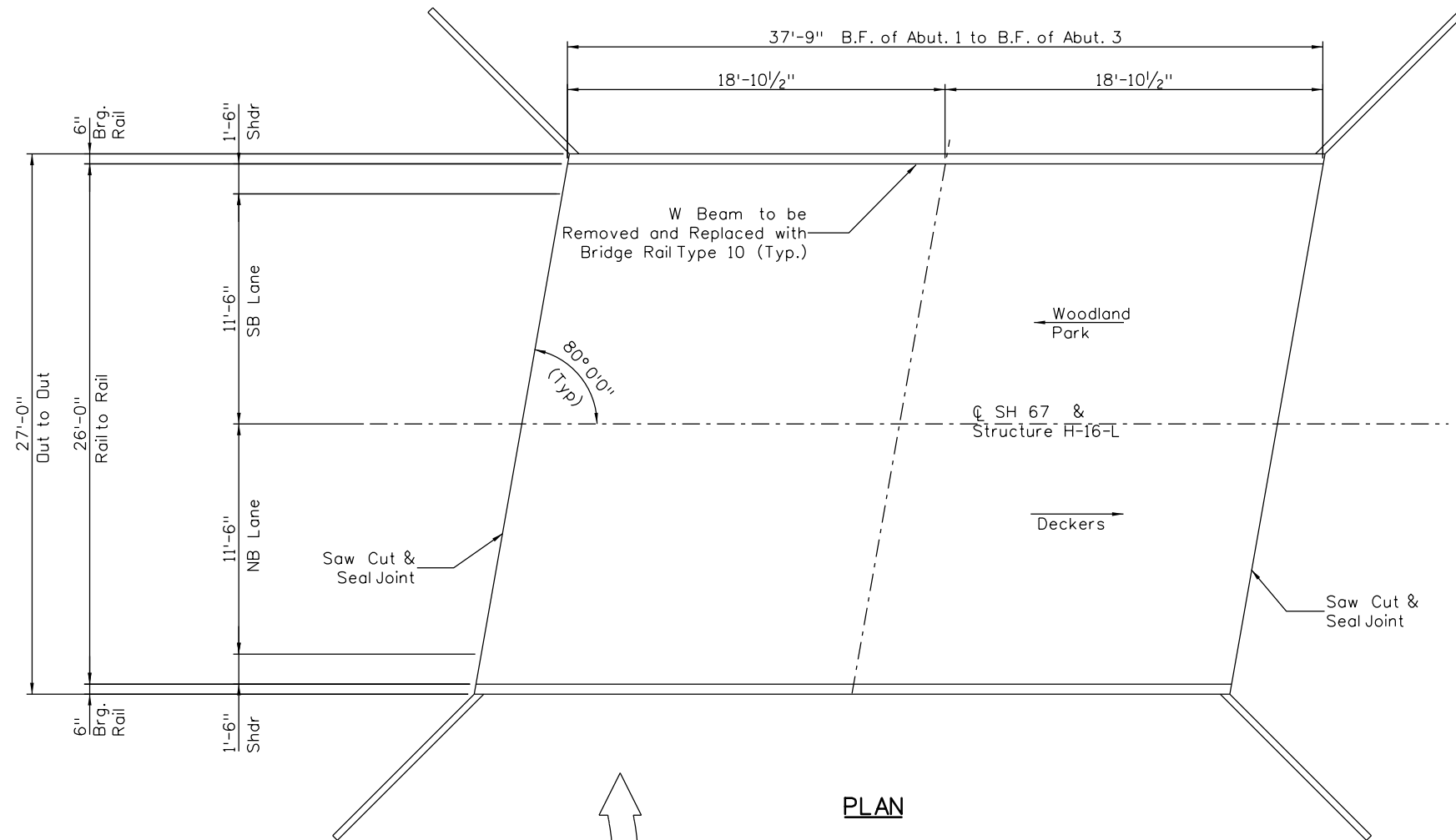
Project No./Code	
STR 067A - 037 & STA 067A - 039	
21254	
Sheet Number	106

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
JEB	3-16	JEB	3-16	JEB	3-16
JEB	4-16	JEB	4-16	JEB	4-16
Designed By		Checked By		Checked By	

WORK DESCRIPTION

1. Remove 3" of Asphalt.
2. Remove Side Mounted W Rail.
3. Saw Cut Asphalt and Remove Pavement in Order to Prepare for New Bridge Rail. Payed for under Removal of Bridge Rail.
4. Install New Side Mounted Type 10R Bridge Rail.
5. Replace Removed Pavement with Hot Mix Asphalt (Patching) (Asphalt) see Roadway Quantities.
6. Install 2" HMA Overlay.
7. Saw Cut and Seal Joints at Abutment Back Faces.



PLAN

BRIDGE DESCRIPTIONS

Structure Number	H-16-L
Year Built	1939
Mile Marker	80.061
Spans	2 span
Structure Type	TTS Timber Stringer
Sufficiency Rating	62.7 (FO)
Deck Rating	6 (satisfactory)
Deck Thickness	Timber deck
Asphalt Thickness	5.0 Inches
Expansion Joints Type	None
Expansion Joint Locations	NA
Sawcut and Seal Joint Locations	Abut. 1 & 3
Deck Protection	NA Timber Deck
Bridge Rail	W beam

NOTES:

For Informational Use Only. Contractor Shall Independently Verify the Asphalt Thickness Across the Bridge

Print Date: 2/13/2017
File Name: 20951_03_Plan_Str_H-16-L.dgn
Horiz. Scale: NTS Vert. Scale: As Noted
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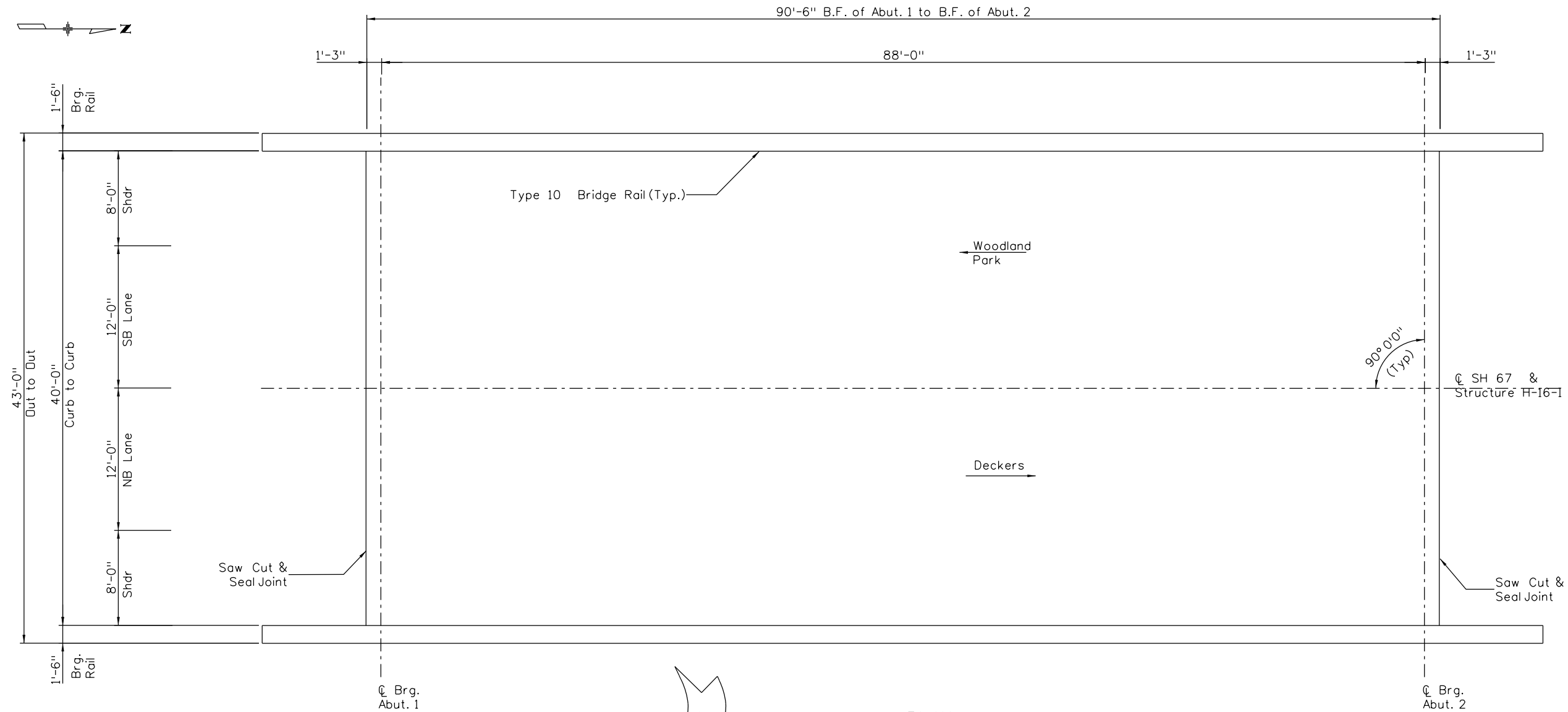
As Constructed
No Revisions:
Revised:
Void:

PLAN STRUCTURE H-16-L			
Designer:	J. Bjorkquist	Structure Numbers	H-16-L
Detailer:	J. Bjorkquist	Subset Sheets:	B3 of 7
Sheet Subset:	Bridge		

Project No./Code	
STR 067A - 037 & STA 067A - 039	
21254	
Sheet Number	107

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
JEB	3-16	JEB	3-16	JEB	3-16
JEB	4-16	JEB	4-16	JEB	4-16
Designed By		Checked By		Checked By	



PLAN

WORK DESCRIPTION

1. Remove 1.0" of Asphalt.
2. Install 2.0" HMA Overlay.
3. Saw Cut and Seal Joints at Abutment Back Faces.

BRIDGE DESCRIPTIONS


Structure Number	H-16-I
Year Built	2000
Mile Marker	83.763
Spans	1 span
Structure Type	CBBG
Sufficiency Rating	97.1
Deck Rating	8 (Excellent)
Deck Thickness	N/A Box Girder
Asphalt Thickness	2.0 Inches
Expansion Joints Type	None
Expansion Joint Locations	NA
Sawcut and Seal Joint Locations	Abut. 1 & 2
Deck Protection	Waterproofing Membrane
Bridge Rail	Type 10

NOTES:

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Region 2 **DLH**

As Constructed	PLAN STRUCTURE H-16-I		Project No./Code
No Revisions:			STR 067A - 037 & STA 067A - 039
Revised:	Designer: J. Bjorkquist	Structure Numbers: H-16-I	21254
Void:	Detailer: J. Bjorkquist	Sheet Subsets: B5 of 7	Sheet Number 109