NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: PMN'S ISSUED FOR SUBSTRUCTURE AND SUPERSTRUCTURE... TEMP. REPAIR TO DECK...

Structure Safety Report

Routine Element Inspection

COUNTY: CALDWELL STRUCTURE NUMBER: 130115 FREQUENCY: 24 MONTHS

FACILITY CARRIED: SR1310 MILE POST:

LOCATION: 0.1 MI.W.JCT.SR1305

FEATURE INTERSECTED: GREASY CREEK

LATITUDE: 35° 54' 21.12" LONGITUDE: 81° 33' 58.85"

SUPERSTRUCTURE: STEEL PLANK FLOOR ON I-BEAMS

SUBSTRUCTURE: E.BTS&INT.BTS:TIMBER CAPS/TIMBER PILES @ VAR. CENTERS

2 @ 30' - 3"

SPANS: 2 @ 30'-3

☐ FRACTURE CRITICAL ☐ TEMPORARY SHORING ☐ SCOUR CRITICAL ☐ SCOUR PLAN OF ACTION

PRESENT CONDITION: Poor INSPECTION DATE: 03/02/2016

POSTED SV: 23 POSTED TTST: 30

OTHER SIGNS PRESENT: 4 DELINEATORS



Sign noticed issued for		Number Required
NO	WEIGHT LIMIT	0
NO	DELINEATORS	0
NO	NARROW BRIDGE	0
NO	ONE LANE BRIDGE	0
NO	LOW CLEARANCE	0

WEST TO EAST

INSPECTED BY	SIGNATURE	ASSISTED BY
ANDREW GLASCO	Andrew P. Glasco	MAX FORD

Span Element Report

Structure Number: 130115 Inspection Date: 03/02/2016

Span Number 1 Span Length 30.25 Feet Number of Beams/Girders: 12

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
30		Steel Deck Corrugated/Orthotropic/Etc.	853	428	0	425	0	425	3328
515	30	Steel Protective Coating	853	428	0	0	425	425	3342
107		Steel Open Girder/Beam	372	97	0	275	0	275	3314
515	107	Steel Protective Coating	1788	1420	0	0	368	368	3342
216		Timber Abutment	30	22	0	8	0	8	3346
220		Reinforced Concrete Pile Cap/Footing	30	30	0	0	0	0	3348
228		Timber Pile	5	5	0	0	0	0	3344
235		Timber Pier Cap	30	29	0	1	0	1	3344
313		Fixed Bearing	24	24	0	0	0	0	3334
515	313	Steel Protective Coating	12	12	0	0	0	0	3342
316		Other Bearings	24	24	0	0	0	0	3334
330		Metal Bridge Railing	62	62	0	0	0	0	3322
515	330	Steel Protective Coating	62	62	0	0	0	0	3342
510		Wearing Surface	847	0	847	0	0	847	2816

"Near" Approach and Substructure quantities have been include for reporting purposes. The last span will also include End Bent 2 and Far Approach quantities where applicable

Span Number 2 Span Length 30.25 Feet Number of Beams/Girders: 12

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
30		Steel Deck Corrugated/Orthotropic/Etc.	853	425	0	428	0	428	3328
515	30	Steel Protective Coating	853	428	0	425	0	425	3342
107		Steel Open Girder/Beam	372	304	0	68	0	68	3314
515	107	Steel Protective Coating	1788	1689	0	0	99	99	3342
216		Timber Abutment	62	62	0	0	0	0	3346
220		Reinforced Concrete Pile Cap/Footing	30	30	0	0	0	0	3348
228		Timber Pile	10	10	0	0	0	0	3344
235		Timber Pier Cap	61	59	0	2	0	2	3344
313		Fixed Bearing	24	24	0	0	0	0	3334
515	313	Steel Protective Coating	24	24	0	0	0	0	3342
316		Other Bearings	24	24	0	0	0	0	3334
330		Metal Bridge Railing	62	62	0	0	0	0	3322
515	330	Steel Protective Coating	62	62	0	0	0	0	3342
510		Wearing Surface	847	0	847	0	0	847	2816

"Near" Approach and Substructure quantities have been include for reporting purposes. The last span will also include End Bent 2 and Far Approach quantities where applicable

Superstructure Detailed Element Quantites

Structure Number: 130115

Inspection Date: 03/02/2016

Structure Number: 130115 Inspection Date: 03/02/2016

Span Number 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☑ Deck	1	30	Steel Deck Corrugated/Orthotropic/Etc.	853	428	0	425	0	425	3328	☐ Requested
Protective System		515	Steel Protective Coating	853	428	0	0	425	425	3342	
☑ Bridge Rail	1	330	Metal Bridge Railing	31	31	0	0	0	0	3322	☐ Requested
Protective System		515	Steel Protective Coating	31	31	0	0	0	0	3342	
☑ Bridge Rail	2	330	Metal Bridge Railing	31	31	0	0	0	0	3322	☐ Requested
Protective System		515	Steel Protective Coating	31	31	0	0	0	0	3342	
☑ Wearing Surfaces		510	Wearing Surface	847	0	847	0	0	847	2816	☐ Requested
☑ Beam	1	107	Steel Open Girder/Beam	31	0	0	31	0	31	3314	☑ Requested
Protective System		515	Steel Protective Coating	149	87	0	0	62	62	3342	
☑ Beam	2	107	Steel Open Girder/Beam	31	0	0	31	0	31	3314	☑ Requested
Protective System		515	Steel Protective Coating	149	118	0	0	31	31	3342	
☑ Beam	3	107	Steel Open Girder/Beam	31	0	0	31	0	31	3314	☑ Requested
Protective System		515	Steel Protective Coating	149	118	0	0	31	31	3342	
☑ Beam	4	107	Steel Open Girder/Beam	31	0	0	31	0	31	3314	☑ Requested
Protective System		515	Steel Protective Coating	149	87	0	0	62	62	3342	
☑ Beam	5	107	Steel Open Girder/Beam	31	0	0	31	0	31	3314	☐ Requested
Protective System		515	Steel Protective Coating	149	118	0	0	31	31	3342	
☑ Beam	6	107	Steel Open Girder/Beam	31	29	0	2	0	2	3314	☑ Requested
Protective System		515	Steel Protective Coating	149	147	0	0	2	2	3342	
☑ Beam	7	107	Steel Open Girder/Beam	31	13	0	18	0	18	3314	☑ Requested
Protective System		515	Steel Protective Coating	149	131	0	0	18	18	3342	
☑ Beam	8	107	Steel Open Girder/Beam	31	27	0	4	0	4	3314	☑ Requested
Protective System		515	Steel Protective Coating	149	145	0	0	4	4	3342	
☑ Beam	9	107	Steel Open Girder/Beam	31	28	0	3	0	3	3314	☑ Requested
Protective System		515	Steel Protective Coating	149	146	0	0	3	3	3342	
☑ Beam	10	107	Steel Open Girder/Beam	31	0	0	31	0	31	3314	☐ Requested
Protective System		515	Steel Protective Coating	149	118	0	0	31	31	3342	
☑ Beam	11	107	Steel Open Girder/Beam	31	0	0	31	0	31	3314	☐ Requested
Protective System		515	Steel Protective Coating	149	118	0	0	31	31	3342	
☑ Beam	12	107	Steel Open Girder/Beam	31	0	0	31	0	31	3314	☑ Requested
Protective System		515	Steel Protective Coating	149	87	0	0	62	62	3342	

Structure Number: 130115 Inspection Date: 03/02/2016

Span Number 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☑ Bearing Device	1	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	1	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	2	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	2	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	3	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	3	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	4	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	4	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	5	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	5	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

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Span Number 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☑ Bearing Device	6	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	6	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	7	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	7	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	8	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	8	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	9	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	9	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	10	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	10	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

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Span Number 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☑ Bearing Device	11	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	11	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	12	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	12	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

Structure Number: 130115 Inspection Date: 03/02/2016

Span Number 2

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☑ Deck	1	30	Steel Deck Corrugated/Orthotropic/Etc.	853	425	0	428	0	428	3328	☑ Requested
Protective System		515	Steel Protective Coating	853	428	0	425	0	425	3342	
☑ Bridge Rail	1	330	Metal Bridge Railing	31	31	0	0	0	0	3322	☐ Requested
Protective System		515	Steel Protective Coating	31	31	0	0	0	0	3342	
☑ Bridge Rail	2	330	Metal Bridge Railing	31	31	0	0	0	0	3322	☐ Requested
Protective System		515	Steel Protective Coating	31	31	0	0	0	0	3342	
☑ Wearing Surfaces		510	Wearing Surface	847	0	847	0	0	847	2816	☐ Requested
☑ Beam	1	107	Steel Open Girder/Beam	31	0	0	31	0	31	3314	☑ Requested
Protective System		515	Steel Protective Coating	149	118	0	0	31	31	3342	
☑ Beam	2	107	Steel Open Girder/Beam	31	31	0	0	0	0	3314	☐ Requested
Protective System		515	Steel Protective Coating	149	149	0	0	0	0	3342	
☑ Beam	3	107	Steel Open Girder/Beam	31	31	0	0	0	0	3314	☐ Requested
Protective System		515	Steel Protective Coating	149	149	0	0	0	0	3342	
☑ Beam	4	107	Steel Open Girder/Beam	31	31	0	0	0	0	3314	☐ Requested
Protective System		515	Steel Protective Coating	149	149	0	0	0	0	3342	
☑ Beam	5	107	Steel Open Girder/Beam	31	31	0	0	0	0	3314	☐ Requested
Protective System		515	Steel Protective Coating	149	149	0	0	0	0	3342	
☑ Beam	6	107	Steel Open Girder/Beam	31	31	0	0	0	0	3314	☐ Requested
Protective System		515	Steel Protective Coating	149	149	0	0	0	0	3342	
☑ Beam	7	107	Steel Open Girder/Beam	31	31	0	0	0	0	3314	☐ Requested
Protective System		515	Steel Protective Coating	149	149	0	0	0	0	3342	
☑ Beam	8	107	Steel Open Girder/Beam	31	31	0	0	0	0	3314	☐ Requested
Protective System		515	Steel Protective Coating	149	149	0	0	0	0	3342	
☑ Beam	9	107	Steel Open Girder/Beam	31	31	0	0	0	0	3314	☐ Requested
Protective System		515	Steel Protective Coating	149	149	0	0	0	0	3342	
☑ Beam	10	107	Steel Open Girder/Beam	31	28	0	3	0	3	3314	☑ Requested
Protective System		515	Steel Protective Coating	149	146	0	0	3	3	3342	
☑ Beam	11	107	Steel Open Girder/Beam	31	28	0	3	0	3	3314	☑ Requested
Protective System		515	Steel Protective Coating	149	146	0	0	3	3	3342	
☑ Beam	12	107	Steel Open Girder/Beam	31	0	0	31	0	31	3314	☑ Requested
Protective System		515	Steel Protective Coating	149	87	0	0	62	62	3342	

Structure Number: 130115 Inspection Date: 03/02/2016

Span Number 2

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☑ Bearing Device	1	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	1	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	2	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	2	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	3	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	3	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	4	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	4	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	5	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	5	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

Structure Number: 130115 Inspection Date: 03/02/2016

Span Number 2

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☑ Bearing Device	6	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	6	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	7	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	7	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	8	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	8	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	9	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	9	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	10	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	10	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

Structure Number: 130115 Inspection Date: 03/02/2016

Span Number 2

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☑ Bearing Device	11	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	11	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	12	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Bearing Device	12	313	Fixed Bearing	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	1	0	0	0	0	3342	
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

Superstructure Element Defect Descriptions

Structure Number: 130115 Inspection Date: 03/02/2016

Span Number 1

Span 1	Deck	1	Component Name:	Steel Deck Corrugated

Element: 30 Name Steel Deck Corrugated/Orthotrc Qty: 853 Lvl 2: 0 Lvl 3 425 Lvl 4 0 Maint. Qty 425

Defect Description:

425 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) CORROSION ALONG BOTTOM OF CORRUGATED DECK IN ALL BAYS AROUND DRAIN HOLES AND ALONG JOINTS

425 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness. SPAN (1) CORROSION ALONG BOTTOM OF CORRUGATED DECK IN ALL BAYS AROUND DRAIN HOLES AND ALONG JOINTS

Span 1	Wearing Surfaces		Component Name:	Asphalt Wearing Surface

Element: 510 Name Wearing Surface Qty: 847 Lvl 2: 847 Lvl 3 0 Lvl 4 0 Maint. Qty 847

Defect Description:

847 Square Feet of Crack (Wearing Surface): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. LONGITUDINAL AND TRANSVERSE CRACKS F/L ALONG ENTIRE DECK SURFACE

Span 1	Beam	1	Component Name:	Plate Girder



Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 31 Lvl 4 0 Maint. Qty 31

Defect Description:

31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (1) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 3/16") AVERAGE REMAINING SECTION AND (+/- 3/16") LOSS OF SECTION

62 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (1) BEAM (1) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 3/16") AVERAGE REMAINING SECTION AND (+/- 3/16") LOSS OF SECTION

Span 1	Beam	2	Component Name:	Plate Girder



Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 31 Lvl 4 0 Maint. Qty 31

Defect Description:

31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (2) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

31 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (1) BEAM (2) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

Span 1	Beam	3	Component Name:	Plate Girder



Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 31 Lvl 4 0 Maint. Qty 31

Defect Description:

31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (3) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

31 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (1) BEAM (3) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

Span 1	Beam	4	Component Name:	Plate Girder



Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 31 Lvl 4 0 Maint. Qty 31

Defect Description:

31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (4) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION

62 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (1) BEAM (4) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION

Span 1 Beam 5 Component Name: Plate Girder

Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 31 Lvl 4 0 Maint. Qty 31

Defect Description:

31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (10) CORROSION FULL LENGTH ALONG TOP FLANGES WITH NO MEASURABLE SECTION LOSS

31 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (1) BEAM (10) CORROSION FULL LENGTH ALONG TOP FLANGES WITH NO MEASURABLE SECTION LOSS

Span 1 Beam 6 Component Name: Plate Girder



Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 2 Lvl 4 0 Maint. Qty 2

Defect Description:

2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (6) CORROSION (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 2 LF) ALONG TOP FLANGES WITH (+/- 5/16") AVERAGE REMAINING SECTION AND (+/- 1/16") LOSS OF SECTION

2 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (1) BEAM (6) CORROSION (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 2 LF) ALONG TOP FLANGES WITH (+/- 5/16") AVERAGE REMAINING SECTION AND (+/- 1/16") LOSS OF SECTION

Span 1 Beam 7 Component Name: Plate Girder



Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 18 Lvl 4 0 Maint. Qty 18

Defect Description:

18 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (7) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 18 LF) ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

18 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (1) BEAM (7) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 18 LF) ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

Span 1 Beam 8 Component Name: Plate Girder



Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 4 Lvl 4 0 Maint. Qty 4

Defect Description:

4 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (8) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 4 LF) ALONG TOP FLANGES WITH (+/- 5/16") AVERAGE REMAINING SECTION AND (+/- 1/16") LOSS OF SECTION

4 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (1) BEAM (8) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 4 LF) ALONG TOP FLANGES WITH (+/- 5/16") AVERAGE REMAINING SECTION AND (+/- 1/16") LOSS OF SECTION

Span 1 Beam 9 Component Name: Plate Girder



Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 3 Lvl 4 0 Maint. Qty 3

Defect Description:

3 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (9) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 3 LF) ALONG TOP FLANGES WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION

3 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (1) BEAM (9) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 3 LF) ALONG TOP FLANGES WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION

Span 1 Beam 10 Component Name: Plate Girder

Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 31 Lvl 4 0 Maint. Qty 31

Defect Description:

31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (10) CORROSION FULL LENGTH ALONG TOP FLANGES WITH NO MEASURABLE SECTION LOSS

31 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (1) BEAM (10) CORROSION FULL LENGTH ALONG TOP FLANGES WITH NO MEASURABLE SECTION LOSS

Span 1	Beam	11	Component Name:	Plate Girder

Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 31 Lvl 4 0 Maint. Qty 31

Defect Description:

31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (10) CORROSION FULL LENGTH ALONG TOP FLANGES WITH NO MEASURABLE SECTION LOSS

31 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (1) BEAM (10) CORROSION FULL LENGTH ALONG TOP FLANGES WITH NO MEASURABLE SECTION LOSS

Span 1	Beam	12	Component Name:	Plate Girder

Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 31 Lvl 4 0 Maint. Qty 31

Defect Description:

31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (12) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

62 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (1) BEAM (12) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

Span Number 2

Span 2	Deck	1	Component Name:	Steel Deck Corrugated

Element: 30 Name Steel Deck Corrugated/Orthotrc Qty: 853 Lvl 2: 0 Lvl 3 428 Lvl 4 0 Maint. Qty 428

Defect Description:

425 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (2) CORROSION ALONG BOTTOM OF CORRUGATED DECK IN ALL BAYS AROUND DRAIN HOLES AND ALONG JOINTS

425 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness. SPAN (2) CORROSION ALONG BOTTOM OF CORRUGATED DECK IN ALL BAYS AROUND DRAIN HOLES AND ALONG JOINTS

PMN ISSUED FOR THIS ITEM...

3 Square Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. SPAN (2) AT ABUT. (B) CORRUGATED DECK IS LOOSE IN BAY 10 (+/- 3 SF) WITH POTHOLE IN WEARING SURFACE

Span 2	Wearing Surfaces		Component Name:	Asphalt Wearing Surface

Element: 510 Name Wearing Surface Qty: 847 Lvl 2: 847 Lvl 3 0 Lvl 4 0 Maint. Qty 847

Defect Description:

847 Square Feet of Crack (Wearing Surface): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. LONGITUDINAL AND TRANSVERSE CRACKS F/L ALONG ENTIRE DECK SURFACE

Span 2	Beam	1	Component Name:	Plate Girder

Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 31 Lvl 4 0 Maint. Qty 31

Defect Description:

31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (2) BEAM (1) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

31 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (2) BEAM (1) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

Span 2 Beam 10 Component Name: Plate Girder

Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 3 Lvl 4 0 Maint. Qty 3

Defect Description:

3 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (2) BEAM (10) CORROSION ALONG TOP FLANGES AT ABUT. (B) BEAM END & EXTENDS (+/- 3 LF) WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

3 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (2) BEAM (10) CORROSION ALONG TOP FLANGES AT ABUT. (B) BEAM END & EXTENDS (+/- 3 LF) WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

Span 2 Beam 11 Component Name: Plate Girder

Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 3 Lvl 4 0 Maint. Qty 3

Defect Description:

3 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (2) BEAM (11) CORROSION ALONG TOP & BOTTOM FLANGES AT ABUT. (B) BEAM END & EXTENDS (+/- 3 LF) WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION

3 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (2) BEAM (11) CORROSION ALONG TOP & BOTTOM FLANGES AT ABUT. (B) BEAM END & EXTENDS (+/- 3 LF) WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION

Span 2 Beam 12 Component Name: Plate Girder

Element: 107 Name Steel Open Girder/Beam Qty: 31 Lvl 2: 0 Lvl 3 31 Lvl 4 0 Maint. Qty 31

Defect Description:

31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (2) BEAM (12) CORROSION FULL LENGTH ALONG TOP & BOTTOM FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

62 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. SPAN (2) BEAM (12) CORROSION FULL LENGTH ALONG TOP & BOTTOM FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

Substructure Detailed Element Quantites

Structure Number: 130115 Inspection Date: 03/02/2016

End Bent 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☑ Abutments	1	216	Timber Abutment	30	22	0	8	0	8	3346	☑ Requested
☑ Footing	1	220	Reinforced Concrete Pile Cap/Footing	30	30	0	0	0	0	3348	☐ Requested
☑ Caps	1	235	Timber Pier Cap	15	14	0	1	0	1	3344	☐ Requested
☑ Caps	2	235	Timber Pier Cap	7	7	0	0	0	0	3344	☐ Requested
☑ Caps	3	235	Timber Pier Cap	8	8	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	1	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	2	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	5	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested

Bent 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☐ Abutments	1	216	Timber Abutment	30	30	0	0	0	0	3346	☐ Requested
☑ Footing	1	220	Reinforced Concrete Pile Cap/Footing	30	30	0	0	0	0	3348	☐ Requested
☑ Caps	1	235	Timber Pier Cap	9	8	0	1	0	1	3344	☑ Requested
☑ Caps	2	235	Timber Pier Cap	13	13	0	0	0	0	3344	☐ Requested
☑ Caps	3	235	Timber Pier Cap	8	7	0	1	0	1	3344	☑ Requested
☑ Piles and Columns	1	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	2	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	5	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested

Structure Number: 130115 Inspection Date: 03/02/2016

End Bent 2

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☑ Abutments	1	216	Timber Abutment	32	32	0	0	0	0	3346	☐ Requested
☑ Caps	1	235	Timber Pier Cap	8	8	0	0	0	0	3344	☐ Requested
☑ Caps	2	235	Timber Pier Cap	7	7	0	0	0	0	3344	☐ Requested
☑ Caps	3	235	Timber Pier Cap	7	7	0	0	0	0	3344	☐ Requested
☑ Caps	4	235	Timber Pier Cap	9	9	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	1	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	2	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	5	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested

Substructure Element Defect Descriptions

Structure Number: 130115 Inspection Date: 03/02/2016

End Bent 1

End Bent 1	Row 1	Abutments	1								
Element: 216	Name	Timber Abutment	Qty:	30	Lvl 2:	0	Lvl 3	8	Lvl 4	0 Maint. Qty	8

Defect Description:

8 Feet of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. LEFT END ABUT. (A) TOP 3 BOARDS DECAYED AND EXTENDS TO BEAM (3) (+/- 8 LF)

End Bent 1	Row 1	Caps	1								
Element: 235	Name	Timber Pier Cap	Qty:	15	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	1

Defect Description:

1 Feet of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. LEFT END ABUT. (A) CAP DECAYED IN CENTER (+/- 4" H X 5" W X 8" D) AND EXTENDS UNDER BEAM (1)

Bent 1	Row 1	Caps	1								
Element: 235	Name	Timber Pier Cap	Qty:	9	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	1

Defect Description:

1 Feet of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. LEFT END PIER CAP DECAYED IN TOP CENTER (+/- 4" H X 4" W X 6" D) AND EXTENDS UNDER BEAM (1)

Bent 1	Row 1	Caps	3								
Element: 235	Name	Timber Pier Cap	Qty:	8	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	1

Defect Description:

1 Feet of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. RIGHT END PIER CAP DECAYED (+/- 9" H X 6" W X 10" D) AND EXTENDS UNDER BEAM 12

National Bridge and NC Inspection Items

Structure Number: 130115 Inspection Date: 03/02/2016

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	4
Item 59: Superstructure	0 - 9 , N	4
Item 60: Substructure	0 - 9 , N	4
Item 61: Channel and Channel Protection	0 - 9 , N	7
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	7
Item 72: Approach Roadway Alignment	0 - 9 , N	8

Note: If NBI Inspection Item is not present, code NBI item with "N"

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	G	0	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation		O		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	P		
Estimated Remaining Life	0 - 100 Years	6		

Note: If NC SMU Insepction Item is not present, leave NC SMU item blank

Inspection Information

Item	Grade Scale	Grade
Regulatory Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	10
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	Y
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Structure Number: 130115 Inspection Date: 03/02/2016

Item	Superstructure - Item 59	Grade 4	Maint Code	Qty. 0
Details	PMN'S ISSUED FOR SUPERSTRUCTURE...			

Item	Substructure - Item 60	Grade 4	Maint Code	Qty. 0
Details	PMN'S ISSUED FOR SUBSTRUCTURE...			

Item	Priority Maintenance Issued	Grade Y	Maint Code	Qty. 0
Details	PMN'S ISSUED FOR SUBSTRUCTURE AND SUPERSTRUCTURE..			

Item	Response to live load	Grade P	Maint Code	Qty. 0
Details	SPAN ONE BEAMS DEFLECT (+/- 1/2") UNDER TRUCK LOAD			



Span 2 Deck: 425 Square Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (2) CORROSION ALONG BOTTOM OF CORRUGATED DECK IN ALL BAYS AROUND DRAIN HOLES AND ALONG JOINTS



Span 1 Wearing Surface: 847 Square Feet of Crack (Wearing Surface): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. LONGITUDINAL AND TRANSVERSE CRACKS F/L ALONG ENTIRE DECK SURFACE



End Bent 1 Cap : 1 Feet of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. LEFT END ABUT. A CAP DECAYED IN CENTER (+/- 4" H X 5" W X 8" D)



Bent 1 Cap : 1 Feet of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review.
LEFT END PIER CAP DECAYED IN TOP CENTER (+/- 4" H X 4" W X 6" D) AND EXTENDS UNDER BEAM (1)



Span 2 Deck: 3 Square Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. SPAN (2) AT ABUT. (B) CORRUGATED DECK IS LOOSE IN BAY 10 (+/- 3 SF) WITH POTHOLE IN WEARING SURFACE



Span 2 Deck: 3 Square Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. SPAN (2) AT ABUT. (B) CORRUGATED DECK IS LOOSE IN BAY 10 (+/- 3 SF) WITH POTHOLE IN WEARING SURFACE



Bent 1 Cap : 1 Feet of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. RIGHT END PIER CAP DECAYED (+/- 9" H X 6" W X 10" D) AND EXTENDS UNDER BEAM 12



End Bent 1 Abutment/Backwall : 8 Feet of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review. LEFT END ABUT. (A) TOP 3 BOARDS DECAYED AND EXTENDS TO BEAM (3) (+/- 8 LF)



Span 1 Beam 1: 31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (1) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 3/16") AVERAGE REMAINING SECTION AND (+/- 3/16") LOSS OF SECTION



TEMPORARY REPAIR SPAN (1) CORRUGATED DECK, BAYS (2 & 3) AT MID-SPAN (+- 5' W X 8' L)



Span 1 Beam 2: 31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (2) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION



Span 1 Beam 3: 31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (3) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION



Span 1 Beam 4: 31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (4) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION



Span 1 Beam 6: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (6) CORROSION (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 2 LF) ALONG TOP FLANGES WITH (+/- 5/16") AVERAGE REMAINING SECTION AND (+/- 1/16") LOSS OF SECTION



Span 1 Beam 7: 18 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (7) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 18 LF) ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION



Span 1 Beam 8: 4 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (8) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 4 LF) ALONG TOP FLANGES WITH (+/- 5/16") AVERAGE REMAINING SECTION AND (+/- 1/16") LOSS OF SECTION



Span 1 Beam 9: 3 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (9) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 3 LF) ALONG TOP FLANGES WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION



Span 1 Beam 10: 31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (10) CORROSION FULL LENGTH ALONG TOP FLANGES WITH NO MEASURABLE SECTION LOSS



Span 1 Beam 12: 31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (1) BEAM (12) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION



Span 2 Beam 1: 31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (2) BEAM (1) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION



Span 2 Beam 10: 3 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (2) BEAM (10) CORROSION ALONG TOP FLANGES AT ABUT. (B) BEAM END & EXTENDS (+/- 3 LF) WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION



Span 2 Beam 11: 3 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (2) BEAM (11) CORROSION ALONG TOP & BOTTOM FLANGES AT ABUT. (B) BEAM END & EXTENDS (+/- 3 LF) WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION



Span 2 Beam 12: 31 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. SPAN (2) BEAM (12) CORROSION FULL LENGTH ALONG TOP & BOTTOM FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION



LOOKING WEST



UPSTREAM



DOWNSTREAM



WEST TO EAST



POSTING



ABUTMENT A



ABUTMENT B



FIXED BEARING, ALL SIMILAR



NORTH PROFILE



SOUTH PROFILE



EAST FACE OF PIER

IDENTIFICATION

(1) STATE NAME -NORTH CAROLINA BRIDGE 130115
(8) STRUCTURE NUMBER(FEDERAL) 000000000270115
(5) INVENTORY ROUTE (ON/UNDER) - ON 31013100
(2) STATE HIGHWAY DEPARTMENT DISTRICT 2
(3) COUNTY CODE 27 (4) PLACE CODE 37760
(6) FEATURE INTERSECTED - GREASY CREEK
(7) FACILITY CARRIED SR1310
(9) LOCATION 0.1 MI.W.JCT.SR1305
(11)MILEPOINT 0
(16)LAT 35° 54' 21.12" (17)LONG 81° 33' 58.85"
(98)BORDER BRIDGE STATE CODE PCT SHARE
(99)BORDER BRIDGE STRUCTURE NO

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN: Steel
TYPE - Stringer Mutlibeam or Girder CODE 302
(44) STRUCTURE TYPE APPR :
TYPE - CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT 2
(46) NUMBER OF APPROACH SPANS
(107)DECK STRUCTURE TYPE - 6 CODE
(108)WEARING SURFACE / PROTECTIVE SYSTEM :
(A) TYPE OF WEARING SURFACE - CODE
(B) TYPE OF MEMBRANE - CODE
(C) TYPE OF DECK PROTECTION - CODE

AGE AND SERVICE

(27) YEAR BUILT 1972
(106)YEAR RECONSTRUCTED
(42) TYPE OF SERVICE : ON - Highway
UNDER - Waterway CODE 15
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE 0
(29) AVERAGE DAILY TRAFFIC 4800
(30) YEAR OF ADT 2013 (109) TRUCK ADT PCT 6%
(19) BYPASS OR DETOUR LENGTH 5 MI

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 29 FT
(49) STRUCTURE LENGTH 61 FT
(50)CURB OR SIDEWALK: LEFT .2 FT RIGHT .2 FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 28 FT
(52) DECK WIDTH OUT TO OUT 28.167 FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 21 FT
(33) BRIDGE MEDIAN - No Median CODE 0
(34) SKEW 0° (35) STRUCTURE FLARED 0
(10) INVENTORY ROUTE MIN VERT CLEAR 999.9 FT
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 28 FT
(53) MIN VERT CLEAR OVER BRIDGE RDWY 999.9 FT
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad 0 FT
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad 000 FT
(56) MIN LAT UNDERCLEAR LT REF - 000 FT

NAVIGATION DATA

(38) NAVIGATION CONTROL - No Navigational Control CODE 0
(111)PIER PROTECTION - CODE
(39) NAVIGATION VERTICAL CLEARANCE 0
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR FT
(40) NAVIGATION HORIZONTAL CLEARANCE 0 FT

SUFFICIENCY RATING = 12.69
STATUS = Structurally Deficient

CLASSIFICATION CODE

(112)NBIS BRIDGE SYSTEM - YES
(104)HIGHWAY SYSTEM Is not on NHS 0
(26) FUNCTIONAL CLASS - Minor Collector 08
(100)STRAHNET HIGHWAY - Not a STRAHNET Route 0
(101)PARALLEL STRUCTURE - No Parallel Structure N
(102)DIRECTION OF TRAFFIC - 2-way Traffic 2
(103)TEMPORARY STRUCTURE -
(110)DESIGNATED NATIONAL NETWORK - Not on the National Network 0
(20) TOLL On Free Road 3
(31) MAINTAIN - State Highway Agency 01
(22) OWNER - State Highway Agency 01
(37) HISTORICAL SIGNIFICANCE - Not Eligible 5

CONDITION CODE

(58) DECK 4
(59) SUPERSTRUCTURE 4
(60) SUBSTRUCTURE 4
(61) CHANNEL & CHANNEL PROTECTION 7
(62) CULVERTS N

LOAD RATING AND POSTING CODE

(31) DESIGN LOAD Unknown 0
(63) OPERATING RATING METHOD - Load Factor 1
(64) OPERATING RATING - HS-14 25
(65) INVENTORY RATING METHOD - Load Factor 1
(66) INVENTORY RATING - HS-8 15
(70) BRIDGE POSTING - Posting Required 0
(41) STRUCTURE OPEN, POSTED ,OR CLOSED P
DESCRIPTION - Posted for Load

APPRAISAL CODE

(67) STRUCTURAL EVALUATION 4
(68) DECK GEOMETRY 4
(69) UNDERCLEARANCES,VERTI & HORIZ N
(71) WATERWAY ADEQUACY 7
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 0000
(113)SCOUR CRITICAL BRIDGES 5

PROPOSED IMPROVEMENTS

(75) TYPE OF WORK - CODE
(76) LENGTH OF STRUCTURE IMPROVEMENT
(94) BRIDGE IMPROVEMENT COST
(95) ROADWAY IMPROVEMENT COST
(96) TOTAL PROJECT COST
(97) YEAR OF IMPROVEMENT COST ESTIMATE
(114)FUTURE ADT 9600 (115) YEAR FUTURE ADT 2025

INSPECTIONS

(90) INSPECTION DATE 03/02/2016
(92) CRITICAL FEATURE INSPECTION : (93) CFI DATE
A) FRACTURE CRIT DETAIL - NO A)
B) UNDERWATER INSP - NO B)
C) OTHER SPECIAL INSP NO C)
SCOUR

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE Run Date: 03/18/2016

COUNTY :	DIVISION :	DISTRICT:	STRUCTURE NUMBER :	LENGTH :
CALDWELL	11	2	130115	61 FEET

ROUTE CARRIED : SR1310

FEATURE INTERSECTED : GREASY CREEK

LOCATED : 0.1 MI.W.JCT.SR1305

BRIDGE NAME :

CITY : *LENOIR

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :		RAIL TYPE :			
08	NFA	NFA	4800	2013	LT	233	RT	233

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1972	BMU			Unknown

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :			
			TAN	90	ON	2	UNDER	0

NAVIGATION :					HT. CRN. TO BED :		WATER DEPTH :	
VC	0	FT	HC	0	FT	12 FT	1	FT

SUPERSTRUCTURE : STEEL PLANK FLOOR ON I-BEAMS

SUBSTRUCTURE : E.BTS&INT.BTS:TIMBER CAPS/TIMBER PILES @ VAR. CENTERS

SPANS : 2 @ 30'-3

BEAMS OR GIRDERS : 12 LINES 16 I-BEAMS @ VAR. CENTERS

FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
STL.PLK/5 AWS		28.167 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :			
28 FT	28.417 FT	LT	.2 FT	RT	.2 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :					
HS-8	HS-14	I-Bm 4 SpA	SV	15	TTST	20	DATE	03/18/2016

SYSTEM : Secondary S.R. Route

GREEN LINE ROUTE : N

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 130115 County CALDWELL Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	3	SPAN (2) AT ABUT. (B) STEEL CORRUGATED DECK IS LOOSE IN BAY 10 (+/- 3 SF) WITH POTHOLE IN WEARING SURFACE	
3314	Maintain Steel Superstructure Components	LF	31	SPAN (1) BEAM (1) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 3/16") AVERAGE REMAINING SECTION AND (+/- 3/16") LOSS OF SECTION	
3314	Maintain Steel Superstructure Components	LF	31	SPAN (1) BEAM (2) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION	
3314	Maintain Steel Superstructure Components	LF	31	SPAN (1) BEAM (3) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION	
3314	Maintain Steel Superstructure Components	LF	31	SPAN (1) BEAM (4) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION	
3314	Maintain Steel Superstructure Components	LF	2	SPAN (1) BEAM (6) CORROSION (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 2 LF) ALONG TOP FLANGES WITH (+/- 5/16") AVERAGE REMAINING SECTION AND (+/- 1/16") LOSS OF SECTION	
3314	Maintain Steel Superstructure Components	LF	18	SPAN (1) BEAM (7) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 18 LF) ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION	
3314	Maintain Steel Superstructure Components	LF	4	SPAN (1) BEAM (8) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 4 LF) ALONG TOP FLANGES WITH (+/- 5/16") AVERAGE REMAINING SECTION AND (+/- 1/16") LOSS OF SECTION	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 130115 County CALDWELL Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	3	SPAN (1) BEAM (9) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 3 LF) ALONG TOP FLANGES WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION	
3314	Maintain Steel Superstructure Components	LF	31	SPAN (1) BEAM (12) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION	
3314	Maintain Steel Superstructure Components	LF	31	SPAN (2) BEAM (1) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION	
3314	Maintain Steel Superstructure Components	LF	3	SPAN (2) BEAM (10) CORROSION ALONG TOP FLANGES AT ABUT. (B) BEAM END & EXTENDS (+/- 3 LF) WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION	
3314	Maintain Steel Superstructure Components	LF	3	SPAN (2) BEAM (11) CORROSION ALONG TOP & BOTTOM FLANGES AT ABUT. (B) BEAM END & EXTENDS (+/- 3 LF) WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION	
3314	Maintain Steel Superstructure Components	LF	31	SPAN (2) BEAM (12) CORROSION FULL LENGTH ALONG TOP & BOTTOM FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION	
3344	Repair / Replace Timber Substructure Components	LF	1	LEFT END ABUT. (A) CAP DECAYED IN CENTER (+/- 4" H X 5" W X 8" D) AND EXTENDS UNDER BEAM (1)	
3344	Repair / Replace Timber Substructure Components	LF	1	LEFT END PIER CAP DECAYED IN TOP CENTER (+/- 4" H X 4" W X 6" D) AND EXTENDS UNDER BEAM (1)	
3344	Repair / Replace Timber Substructure Components	LF	1	RIGHT END PIER CAP DECAYED (+/- 9" H X 6" W X 10" D) AND EXTENDS UNDER BEAM 12	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 130115 County CALDWELL Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3344	Repair / Replace Timber Substructure Components	LF	8	LEFT END ABUT. (A) TOP 3 BOARDS DECAYED AND EXTENDS TO BEAM (3) (+/- 8 LF)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 130115 County CALDWELL

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:		
Deck Structure Type	Bent/Span No. 2	CORRUGATED DECK LOOSE IN BAY 10

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/02/2016	ANDREW GLASCO	MAX FORD

Details
SPAN (2) AT ABUT. (B) STEEL CORRUGATED DECK IS LOOSE IN BAY 10 (+/- 3 SF) WITH POTHOLE IN WEARING SURFACE

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	31 LF

Location:		
Beams and Girders	Bent/Span No. 1	BEAM (1)

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/03/2016	ANDREW GLASCO	MAX FORD

Details
SPAN (1) BEAM (1) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 3/16") AVERAGE REMAINING SECTION AND (+/- 3/16") LOSS OF SECTION

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 130115 County CALDWELL

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	31 LF

Location:		
Beams and Girders	Bent/Span No. 1	BEAM (2)

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/03/2016	ANDREW GLASCO	MAX FORD

Details

SPAN (1) BEAM (2) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	31 LF

Location:		
Beams and Girders	Bent/Span No. 1	BEAM (3)

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/03/2016	ANDREW GLASCO	MAX FORD

Details

SPAN (1) BEAM (3) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 130115 County CALDWELL

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	31 LF

Location:		
Beams and Girders	Bent/Span No. 1	BEAM (4)

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/03/2016	ANDREW GLASCO	MAX FORD

Details

SPAN (1) BEAM (4) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Beams and Girders	Bent/Span No. 1	BEAM (6)

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/03/2016	ANDREW GLASCO	MAX FORD

Details

SPAN (1) BEAM (6) CORROSION (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 2 LF) ALONG TOP FLANGES WITH (+/- 5/16") AVERAGE REMAINING SECTION AND (+/- 1/16") LOSS OF SECTION

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 130115 County CALDWELL

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	18 LF

Location:		
Beams and Girders	Bent/Span No. 1	BEAM (7)

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/03/2016	ANDREW GLASCO	MAX FORD

Details

SPAN (1) BEAM (7) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 18 LF) ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	4 LF

Location:		
Beams and Girders	Bent/Span No. 1	BEAM (8)

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/03/2016	ANDREW GLASCO	MAX FORS

Details

SPAN (1) BEAM (8) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 4 LF) ALONG TOP FLANGES WITH (+/- 5/16") AVERAGE REMAINING SECTION AND (+/- 1/16") LOSS OF SECTION

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 130115 County CALDWELL

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:		
Beams and Girders	Bent/Span No. 1	BEAM (9)

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/03/2016	ANDREW GLASCO	MAX FORD

Details

SPAN (1) BEAM (9) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 3 LF) ALONG TOP FLANGES WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	31 LF

Location:		
Beams and Girders	Bent/Span No. 1	BEAM (12)

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/03/2016	ANDREW GLASCO	MAX FORD

Details

SPAN (1) BEAM (12) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 130115 County CALDWELL

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	31 LF

Location:		
Beams and Girders	Bent/Span No. 2	BEAM (1)

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/03/2016	ANDREW GLASCO	MAX FORD

Details

SPAN (2) BEAM (1) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:		
Beams and Girders	Bent/Span No. 2	BEAM (10)

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/03/2016	ANDREW GLASCO	MAX FORD

Details

SPAN (2) BEAM (10) CORROSION ALONG TOP FLANGES AT ABUT. (B) BEAM END & EXTENDS (+/- 3 LF) WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 130115 County CALDWELL

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:		
Beams and Girders	Bent/Span No. 2	BEAM (11)

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/03/2016	ANDREW GLASCO	MAX FORD

Details

SPAN (2) BEAM (11) CORROSION ALONG TOP & BOTTOM FLANGES AT ABUT. (B) BEAM END & EXTENDS (+/- 3 LF) WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	31 LF

Location:		
Beams and Girders	Bent/Span No. 2	BEAM (12)

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/03/2016	ANDREW GLASCO	MAX FORD

Details

SPAN (2) BEAM (12) CORROSION FULL LENGTH ALONG TOP & BOTTOM FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 130115 County CALDWELL

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	1 LF

Location:		
Abutment Cap	Bent/Span No. 1	ABUT. (A) TIMBER CAP

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/02/2016	ANDREW GLASCO	MAX FORD

Details

LEFT END ABUT. (A) CAP DECAYED IN CENTER (+/- 4" H X 5" W X 8" D) AND EXTENDS UNDER BEAM (1)

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	1 LF

Location:		
Pier Cap	Bent/Span No. 1	TIMBER PIER CAP

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/02/2016	ANDREW GLASCO	MAX FORD

Details

LEFT END PIER CAP DECAYED IN TOP CENTER (+/- 4" H X 4" W X 6" D) AND EXTENDS UNDER BEAM (1)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 130115 County CALDWELL

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	1 LF

Location:		
Pier Cap	Bent/Span No. 1	RIGHT END PIER CAP DECAYED

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/02/2016	ANDREW GLASCO	MAX FORD

Details

RIGHT END PIER CAP DECAYED (+/- 9" H X 6" W X 10" D) AND EXTENDS UNDER BEAM 12

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	8 LF

Location:		
Abutment Substructure	Bent/Span No. 1	ABUT. (A) TIMBER BULKHEAD

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
03/02/2016	ANDREW GLASCO	MAX FORD

Details

LEFT END ABUT. (A) TOP 3 BOARDS DECAYED AND EXTENDS TO BEAM (3) (+/- 8 LF)



LEFT END ABUT. (A) CAP DECAYED IN CENTER (+/- 4" H X 5" W X 8" D) AND EXTENDS UNDER BEAM (1)



LEFT END PIER CAP DECAYED IN TOP CENTER (+/- 4" H X 4" W X 6" D) AND EXTENDS UNDER BEAM (1)



SPAN (2) AT ABUT. (B) CORRUGATED DECK IS LOOSE IN BAY 10 (+/- 3 SF) WITH POTHOLE IN WEARING SURFACE



SPAN (2) AT ABUT. (B) CORRUGATED DECK IS LOOSE IN BAY 10 (+/- 3 SF) WITH POTHOLE IN WEARING SURFACE



RIGHT END PIER CAP DECAYED (+/- 9" H X 6" W X 10" D)



LEFT END ABUT. (A) TOP 3 BOARDS DECAYED AND EXTENDS TO BEAM (3) (+/- 8 LF)



SPAN (1) BEAM (1) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 3/16") AVERAGE REMAINING SECTION AND (+/- 3/16") LOSS OF SECTION



SPAN (1) BEAM (2) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION



SPAN (1) BEAM (3) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION



SPAN (1) BEAM (4) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 1/4") AVERAGE REMAINING SECTION AND (+/- 1/8") LOSS OF SECTION



SPAN (1) BEAM (6) CORROSION TOP FLG (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 2 LF) ALONG TOP FLANGES WITH (+/- 5/16") AVERAGE REMAINING SECT.



SPAN (1) BEAM (7) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXT (+/- 18 LF) ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING



SPAN (1) BEAM (8) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXT (+/- 4 LF) ALONG TOP FLANGES WITH (+/- 5/16") AVERAGE REMAINING



SPAN (1) BEAM (9) CORROSION TO TOP FLANGE (+/- 4') FROM BEAM END OVER PIER AND EXTENDS (+/- 3 LF) ALONG TOP FLANGES WITH (+/- 1/4") AVERAGE REMAINING

Structure 130115 County CALDWELL Date: Condition Photos



SPAN (1) BEAM (12) CORROSION FULL LENGTH ALONG TOP AND BOTTOM FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION



SPAN (2) BEAM (1) CORROSION FULL LENGTH ALONG TOP FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION



SPAN (2) BEAM (10) CORROSION ALONG TOP FLANGES AT ABUT. (B) BEAM END & EXTENDS (+/- 3 LF) WITH (+/- 1/8") AVERAGE REM SECT AND (+/- 1/4") LOSS OF SECT



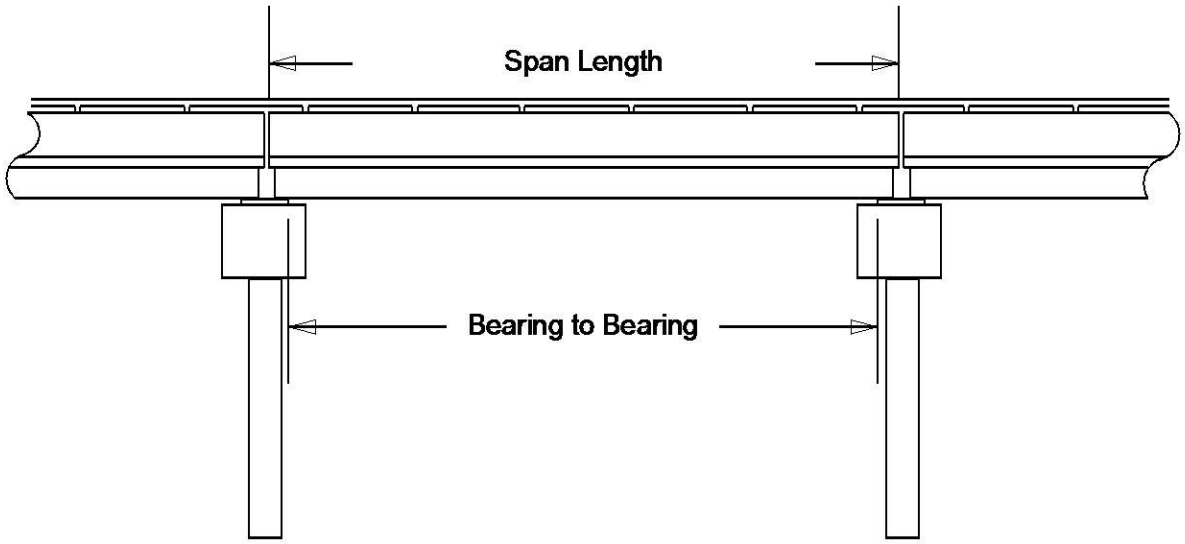
SPAN (2) BEAM (11) CORROSION ALONG TOP & BOTTOM FLANGES AT ABUT. (B) BEAM END & EXTENDS (+/- 3 LF) WITH (+/- 1/4") AVERAGE REMAINING SECTION



SPAN (2) BEAM (12) CORROSION FULL LENGTH ALONG TOP & BOTTOM FLANGES WITH (+/- 1/8") AVERAGE REMAINING SECTION AND (+/- 1/4") LOSS OF SECTION

Structure Data Worksheet

County: CALDWELL Structure No: 130115 Date: Inspected By: AG



Span No	Span Length	Bearing to Bearing	Comments
1	30FT.3IN.	29 ft. 4 in.	
2	30 FT. 3 IN.	29 ft. 4 in.	FACE OF ABUT. CAP TO FACE OF ABUT. CAP = 58.5'

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 130115 County: CALDWELL Date: By: AG

Record sounding from top of rail. Other location if needed:

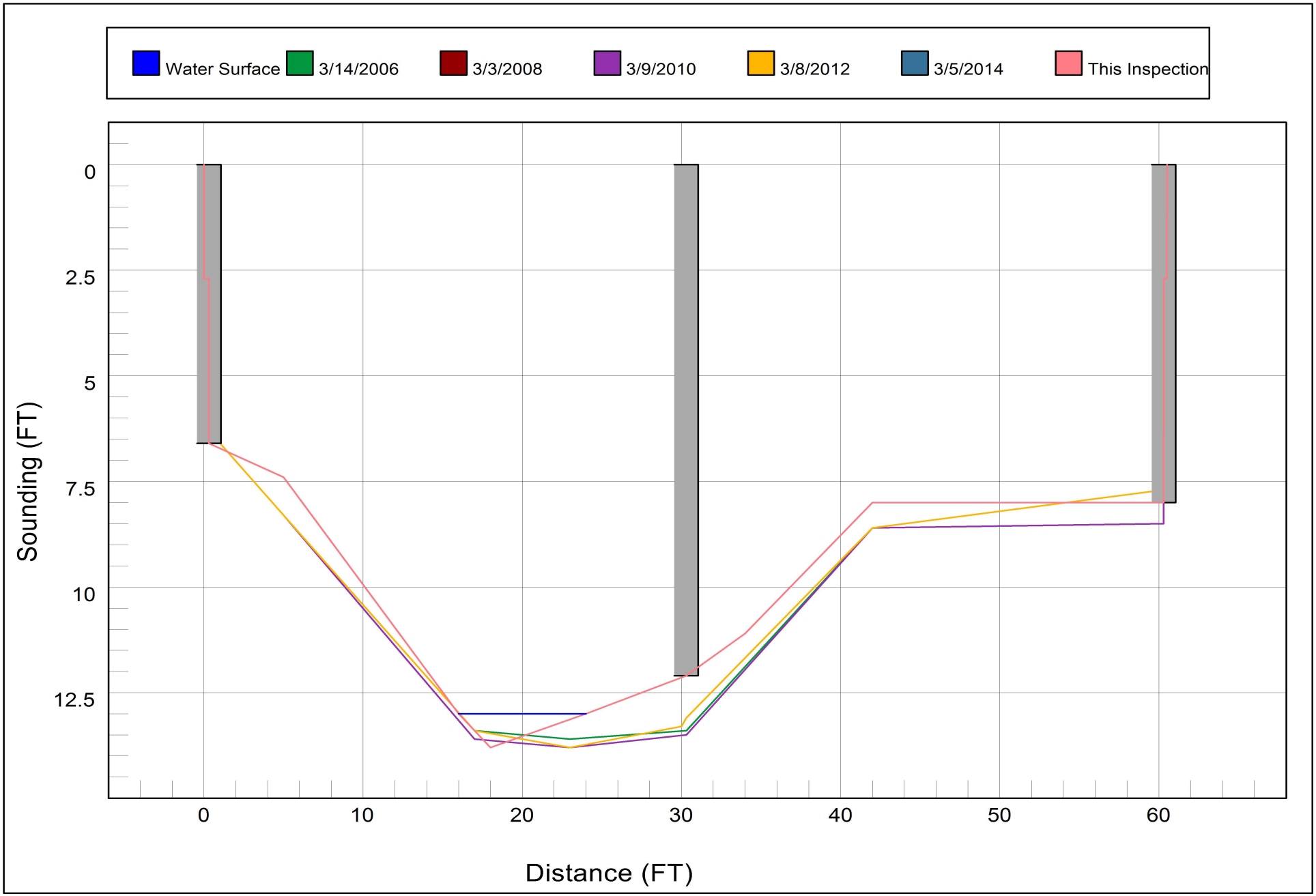
Distance from Highwater Mark to top of rail: Location of Highwater Mark:

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	0	TOP OF RAIL			
0	2.7	TOP OF FILL FACE			
0.3	2.7	TOP OF FILL FACE			
0.3	4.3	Top of Cap			
0.31	6.6	FACE OF ABUTMENT	0.31	7.8	FACE OF ABUTMENT
5	7.4	SLOPE			
16	13	Water Surface/Water Edge (WSWE)			
18	13.8	BED			
24	13	Water Surface/Water Edge (WSWE)			
30.3	12.1	Pier	30.3	10.9	Pier
34	11.1				
42	8	SLOPE			
60.3	8	FACE OF ABUTMENT	60.3	7.2	FACE OF ABUTMENT
60.31	4.3	Top of Cap			
60.32	2.7	TOP OF FILL FACE			
60.5	2.7	TOP OF FILL FACE			
60.51	0	TOP OF RAIL			

Bridge: 130115 County CALDWELL Date:

STREAMBED PROFILE (Downstream)

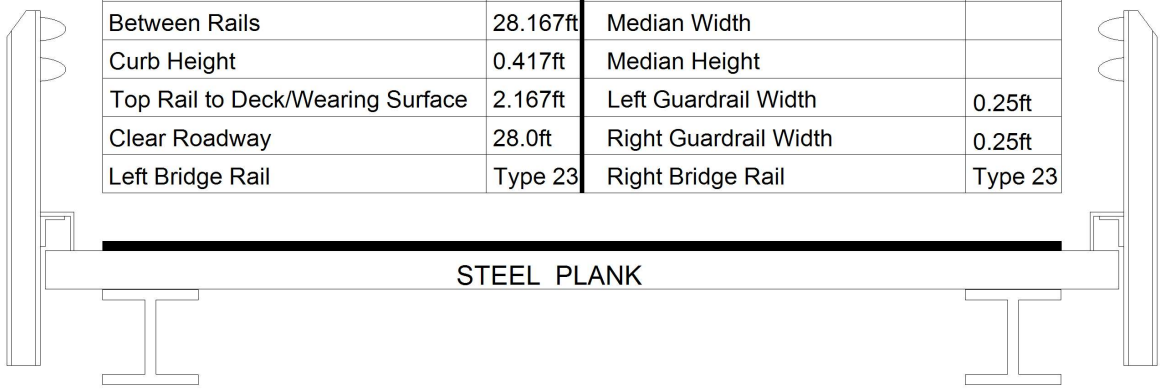
Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch

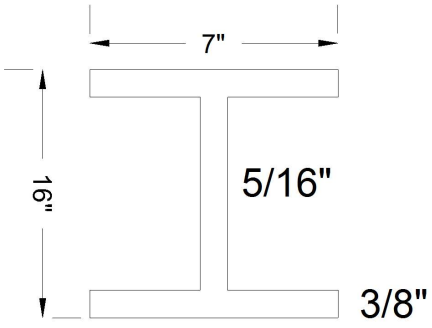
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Deck Width/Out to Out	28.167ft	Wearing Surface	0.417ft
Between Rails	28.167ft	Median Width	
Curb Height	0.417ft	Median Height	
Top Rail to Deck/Wearing Surface	2.167ft	Left Guardrail Width	0.25ft
Clear Roadway	28.0ft	Right Guardrail Width	0.25ft
Left Bridge Rail	Type 23	Right Bridge Rail	Type 23



Measurements for Span #	1	SPAN 2 SIMILAR	
Deck Thickness	0.167	Left Overhang	0.500
Top of Rail to Bottom of Beam	4.083	Right Overhang	0.500

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam	2.333ft	
2	Steel I Beam	2.500ft	
3	Steel I Beam	2.500ft	
4	Steel I Beam	2.500ft	
5	Steel I Beam	2.500ft	
6	Steel I Beam	2.500ft	
7	Steel I Beam	2.500ft	
8	Steel I Beam	2.500ft	
9	Steel I Beam	2.500ft	
10	Steel I Beam	2.500ft	
11	Steel I Beam	2.333ft	
12	Steel I Beam		



2 5/8" X 10" DIAPH. @ 1/3 PTS.

Title	Description
SUPER	SUPER

Bridge No:	Drawn By:	Date:	File Name:
130115	DCW	03/03/2008	S0126000658

Bridge Inspection Field Sketch

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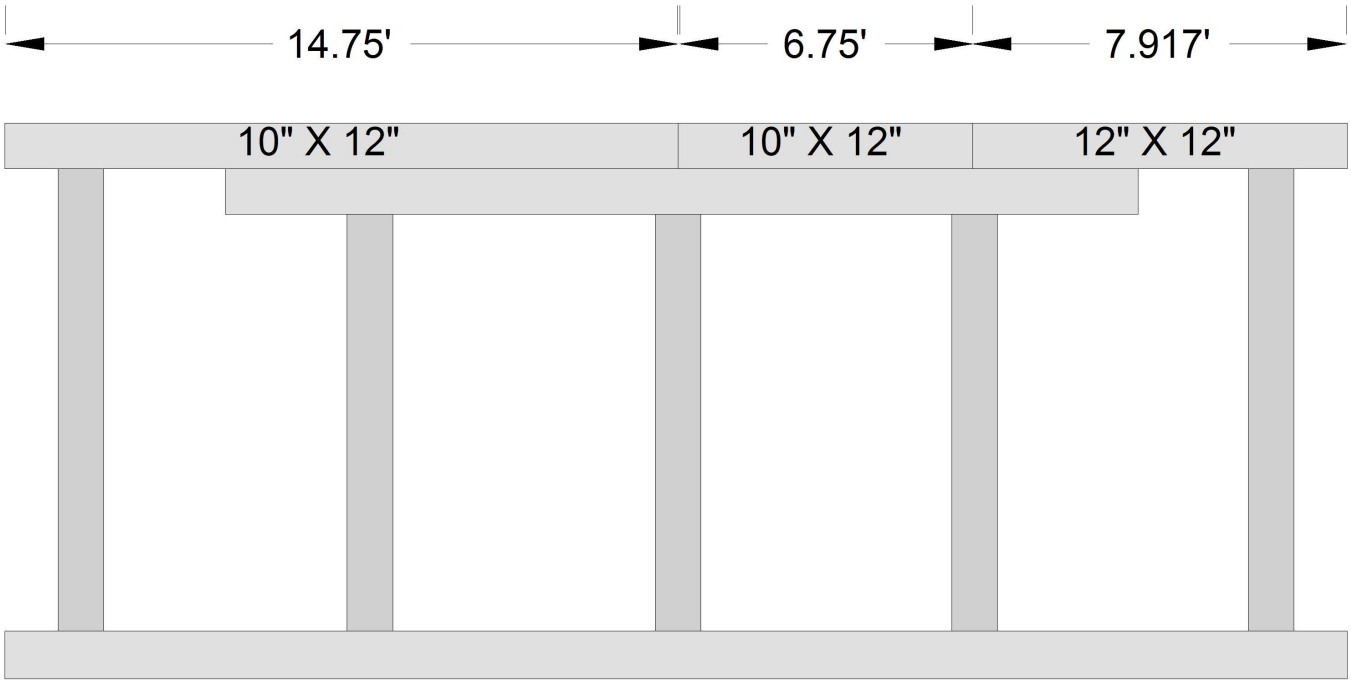


Roadway	21ft Wide	2 Paved Lanes	Looking West
Left Shoulder	4ft Wide		4ft Unpaved
Right Shoulder	4ft Wide		4ft Unpaved
Left Guardrail			
Right Guardrail			

Title	**Description**		
APPR. ROADWAY	APPROACH ROADWAY		
Bridge No: 130115	**Drawn By:** G.R.R.	**Date:** 03/03/2008	**File Name:** S0130000631

Bridge Inspection Field Sketch

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Cap Information			Material Timber			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
29.417 ft.	.833 ft.	1.000 ft.	1.667 ft.	1.667 ft.	1.000 ft.	1.000 ft.

Subcap Information			Material Timber		
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.
20.000 ft.	.833 ft.	1.000 ft.	3.167 ft.	3.583 ft.	6.75 ft.

Sill Information			Material
Length	Width	Height	

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	6.333 ft.	1 ft.			Vertical	Yes	No	No	No
2	Timber	6.75 ft.	1 ft.			Vertical	Yes	No	No	No
3	Timber	6.5 ft.	1 ft.			Vertical	Yes	No	No	No
4	Timber	6.5 ft.	1 ft.			Vertical	Yes	No	No	No
5	Timber		1 ft.			Vertical	Yes	No	No	No

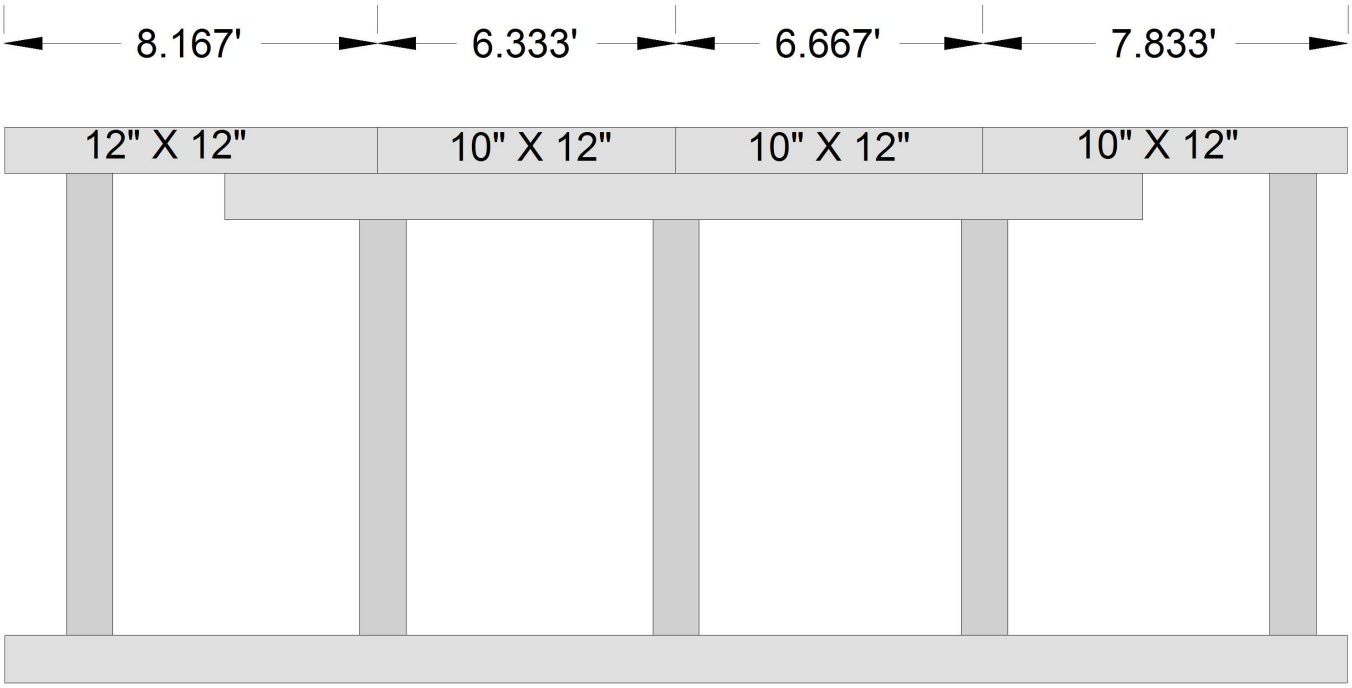
Bent/Abutment #: 1 Similar Bents:

Title	**Description**
ABUT. (A)	ABUTS.

Bridge No: 130115	**Drawn By:** DCW	**Date:** 03/03/2008	**File Name:** S0126000659

Bridge Inspection Field Sketch

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Cap Information			Material Timber			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
29.000 ft.	.833 ft.	1.000 ft.	1.833 ft.	1.167 ft.	1.000 ft.	1.000 ft.

Subcap Information			Material Timber		
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.
19.834 ft.	.833 ft.	1.000 ft.	3.417 ft.	3.417 ft.	6.333 ft.

Sill Information			Material
Length	Width	Height	

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	6.333 ft.	1 ft.			Vertical	Yes	No	No	No
2	Timber	6.333 ft.	1 ft.			Vertical	Yes	No	No	No
3	Timber	6.667 ft.	1 ft.			Vertical	Yes	No	No	No
4	Timber	6.667 ft.	1 ft.			Vertical	Yes	No	No	No
5	Timber		1 ft.			Vertical	Yes	No	No	No

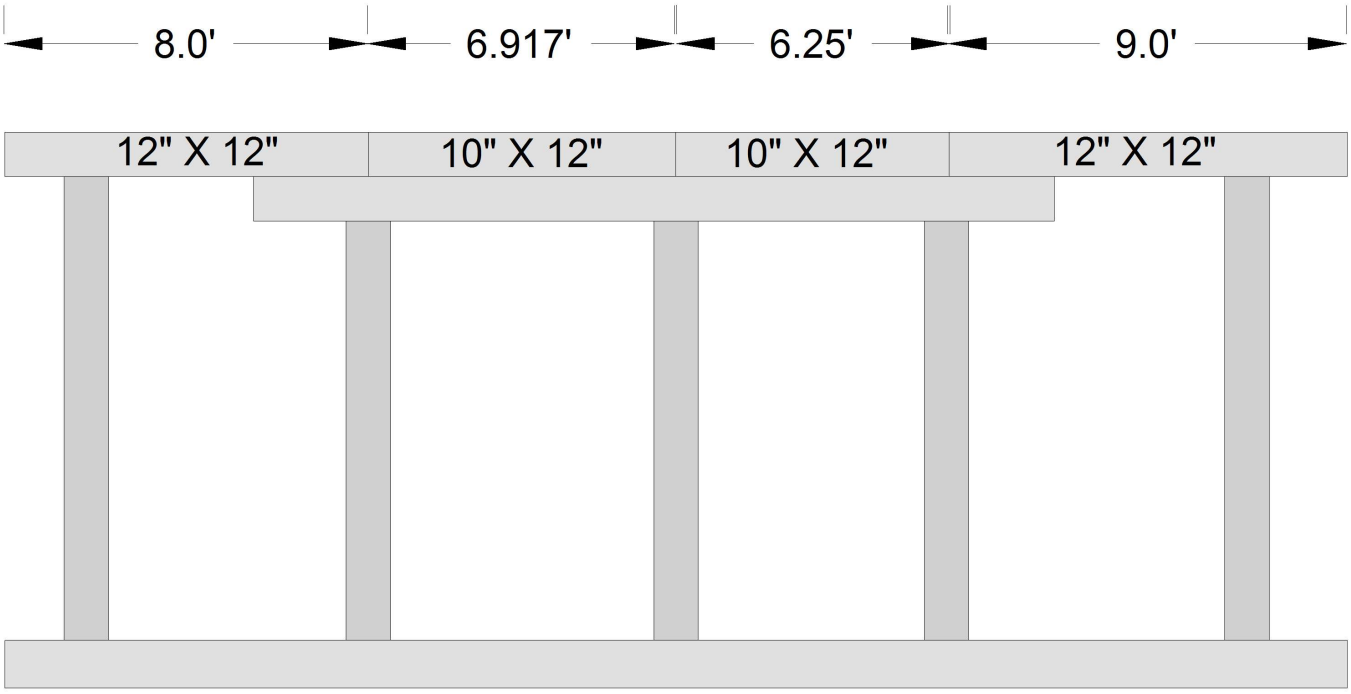
Bent/Abutment #: 1 Similar Bents:

Title	**Description**
PIER	PIER

Bridge No: 130115	**Drawn By:** DCW	**Date:** 03/03/2008	**File Name:** S0126000660

Bridge Inspection Field Sketch

VERIFIED 3/2/2016 A. GLASCO, M. FORD



Cap Information			Material Timber			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
30.167 ft.	.833 ft.	1.000 ft.	1.833 ft.	2.333 ft.	1.250 ft.	1.833 ft.

Subcap Information			Material Timber		
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.
18.000 ft.	.833 ft.	1.000 ft.	2.583 ft.	2.417 ft.	6.917 ft.

Sill Information			Material
Length	Width	Height	

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	6.333 ft.	1 ft.			Vertical	Yes	No	No	No
2	Timber	6.917 ft.	1 ft.			Vertical	Yes	No	No	No
3	Timber	6.083 ft.	1 ft.			Vertical	Yes	No	No	No
4	Timber	6.75 ft.	1 ft.			Vertical	Yes	No	No	No
5	Timber		1 ft.			Vertical	Yes	No	No	No

Bent/Abutment #: 2 Similar Bents:

Title	**Description**
ABUT. (B)	ABUTMENT 2

Bridge No: 130115	**Drawn By:** JSF	**Date:** 3/8/2012	**File Name:** S0130001983