



NC DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

STRUCTURE MANAGEMENT UNIT

ATTENTION: PRIORITY MAINTENANCE

Structure Safety Report

Routine Element Inspection

COUNTY: DAVIE STRUCTURE NUMBER: 290078 FREQUENCY: 24 MONTHS

FACILITY CARRIED: SR1338 MILE POST: _____

LOCATION: 0.8 MI. S. JCT. SR1335

FEATURE INTERSECTED: HUNTING CREEK

LATITUDE: 35° 56' 28.38" LONGITUDE: 80° 41' 24.19"

SUPERSTRUCTURE: REINFORCED CONCRETE DECK ON I-BEAMS

SUBSTRUCTURE: END & INTERIOR BENTS: RC CAP ON STEEL PILES

SPANS: 4@55'0"

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

PRESENT CONDITION: Poor INSPECTION DATE: 10/29/2014

POSTED SV: 35 POSTED TTST: 38

OTHER SIGNS PRESENT: (4) DELINEATORS



LOOKING NORTH

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

INSPECTED BY
STEVE AUSTIN

SIGNATURE

ASSISTED BY JASON ROLFSMEYER

Span Element Report

Structure Number: 290078

Inspection Date: 10/29/2014

Span Number 1

Span Length 55 Feet

Number of Beams/Girders: 4

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
12		Reinforced Concrete Deck	1,563	1,363	200	0	0	200	3326
107		Steel Open Girder/Beam	220	198	0	22	0	22	3314
515	107	Steel Protective Coating	2032	1731	0	301	0	301	5603
215		Reinforced Concrete Abutment	31	31	0	0	0	0	3350
234		Reinforced Concrete Pier Cap	30	30	0	0	0	0	3348
300		Strip Seal Expansion Joint	0	0	0	0	0	0	3310
301		Pourable Joint Seal	0	0	0	0	0	0	3310
313		Fixed Bearing	4	4	0	0	0	0	3334
515	313	Steel Protective Coating	8	4	0	4	0	4	5603
316		Other Bearings	4	0	0	4	0	4	3334
331		Reinforced Concrete Bridge Railing	110	110	0	0	0	0	3318

"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 55 Feet

Number of Beams/Girders: 4

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
12		Reinforced Concrete Deck	1,563	1,363	200	0	0	200	3326
107		Steel Open Girder/Beam	220	191	0	29	0	29	3314
515	107	Steel Protective Coating	2044	1494	0	550	0	550	5603
215		Reinforced Concrete Abutment	24	24	0	0	0	0	3350
225		Steel Pile	5	0	3	2	0	45	3354
515	225	Steel Protective Coating	300	210	20	70	0	90	5603
234		Reinforced Concrete Pier Cap	30	28	2	0	0	2	3348
301		Pourable Joint Seal	24	24	0	0	0	0	3310
313		Fixed Bearing	4	0	3	1	0	4	3334
316		Other Bearings	4	0	4	0	0	4	3334
515	316	Steel Protective Coating	8	0	2	6	0	8	5603
331		Reinforced Concrete Bridge Railing	110	110	0	0	0	0	3318

"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 3

Span Length 55 Feet

Number of Beams/Girders: 4

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
12		Reinforced Concrete Deck	1,563	1,363	0	200	0	200	3326
107		Steel Open Girder/Beam	220	187	0	33	0	33	3314
515	107	Steel Protective Coating	2044	1474	0	570	0	570	5603
215		Reinforced Concrete Abutment	24	24	0	0	0	0	3350
225		Steel Pile	5	0	2	3	0	21	3354
515	225	Steel Protective Coating	400	297	0	103	0	103	5603
234		Reinforced Concrete Pier Cap	30	25	5	0	0	5	3348
301		Pourable Joint Seal	24	24	0	0	0	0	3310
313		Fixed Bearing	4	0	1	3	0	4	3334

Structure Number: 290078

Inspection Date: 10/29/2014

316		Other Bearings	4	0	1	3	0	4	3334
515	316	Steel Protective Coating	8	0	2	6	0	8	5603
331		Reinforced Concrete Bridge Railing	110	110	0	0	0	0	3318

"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 4

Span Length 55 Feet

Number of Beams/Girders: 4

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
12		Reinforced Concrete Deck	1,563	1,263	300	0	0	300	3326
107		Steel Open Girder/Beam	220	204	0	16	0	16	3314
515	107	Steel Protective Coating	2032	1732	0	300	0	300	5603
215		Reinforced Concrete Abutment	31	31	0	0	0	0	3350
225		Steel Pile	5	1	2	2	0	5	3354
515	225	Steel Protective Coating	400	295	15	90	0	105	5603
233		Prestressed Concrete Pier Cap	30	30	0	0	0	0	3348
234		Reinforced Concrete Pier Cap	30	30	0	0	0	0	3348
300		Strip Seal Expansion Joint	24	24	0	0	0	0	3310
301		Pourable Joint Seal	24	24	0	0	0	0	3310
313		Fixed Bearing	4	4	0	0	0	0	3334
515	313	Steel Protective Coating	8	4	0	4	0	4	5603
316		Other Bearings	4	0	1	3	0	4	3334
331		Reinforced Concrete Bridge Railing	110	110	0	0	0	0	3318
333		Other Bridge Railing	55	55	0	0	0	0	3318

"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 Quantities

Structure Number: 290078

Inspection Date: 10/29/2014

Structure Number: 290078

Inspection Date: 10/29/2014

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	12	Reinforced Concrete Deck	1563	1363	200	0	0	200	3326	☐ Requested
☒ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	55	55	0	0	0	0	3318	☐ Requested
☒ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	55	55	0	0	0	0	3318	☐ Requested
☒ Beam	1	107	Steel Open Girder/Beam	55	51	0	4	0	4	3314	☐ Requested
Protective System		515	Steel Protective Coating	508	508	0	0	0	0	3342	
☒ Beam	2	107	Steel Open Girder/Beam	55	51	0	4	0	4	3314	☐ Requested
Protective System		515	Steel Protective Coating	508	507	0	1	0	1	3342	
☒ Beam	3	107	Steel Open Girder/Beam	55	49	0	6	0	6	3314	☐ Requested
Protective System		515	Steel Protective Coating	508	408	0	100	0	100	3342	
☒ Beam	4	107	Steel Open Girder/Beam	55	47	0	8	0	8	3314	☐ Requested
Protective System		515	Steel Protective Coating	508	308	0	200	0	200	3342	
☒ 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	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ 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	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ 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	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ 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	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☐ Expansion Joints	1	300	Strip Seal Expansion Joint	0	0	0	0	0	0	3310	☐ Requested
☐ Expansion Joints	1	301	Pourable Joint Seal	0	0	0	0	0	0	3310	☐ Requested

Structure Number: 290078

Inspection Date: 10/29/2014

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	12	Reinforced Concrete Deck	1563	1363	200	0	0	200	3326	☐ Requested
☒ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	55	55	0	0	0	0	3318	☐ Requested
☒ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	55	55	0	0	0	0	3318	☐ Requested
☒ Beam	1	107	Steel Open Girder/Beam	55	51	0	4	0	4	3314	☐ Requested
Protective System		515	Steel Protective Coating	511	411	0	100	0	100	3342	
☒ Beam	2	107	Steel Open Girder/Beam	55	45	0	10	0	10	3314	☐ Requested
Protective System		515	Steel Protective Coating	511	311	0	200	0	200	3342	
☒ Beam	3	107	Steel Open Girder/Beam	55	48	0	7	0	7	3314	☐ Requested
Protective System		515	Steel Protective Coating	511	411	0	100	0	100	3342	
☒ Beam	4	107	Steel Open Girder/Beam	55	47	0	8	0	8	3314	☐ Requested
Protective System		515	Steel Protective Coating	511	361	0	150	0	150	3342	
☒ Bearing Device	1	313	Fixed Bearing	1	0	1	0	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ Bearing Device	1	316	Other Bearings	1	0	1	0	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	1	0	0	1	3342	
☒ Bearing Device	2	313	Fixed Bearing	1	0	1	0	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	1	0	0	1	3342	
☒ Bearing Device	2	316	Other Bearings	1	0	1	0	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ Bearing Device	3	313	Fixed Bearing	1	0	1	0	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ Bearing Device	3	316	Other Bearings	1	0	1	0	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ Bearing Device	4	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ Bearing Device	4	316	Other Bearings	1	0	1	0	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ Expansion Joints	1	301	Pourable Joint Seal	24	24	0	0	0	0	3310	☐ Requested

Structure Number: 290078

Inspection Date: 10/29/2014

Span Number 3

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	12	Reinforced Concrete Deck	1563	1363	0	200	0	200	3326	☐ Requested
☒ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	55	55	0	0	0	0	3318	☐ Requested
☒ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	55	55	0	0	0	0	3318	☐ Requested
☒ Beam	1	107	Steel Open Girder/Beam	55	47	0	8	0	8	3314	☐ Requested
Protective System		515	Steel Protective Coating	511	411	0	100	0	100	3342	
☒ Beam	2	107	Steel Open Girder/Beam	55	47	0	8	0	8	3314	☐ Requested
Protective System		515	Steel Protective Coating	511	391	0	120	0	120	3342	
☒ Beam	3	107	Steel Open Girder/Beam	55	46	0	9	0	9	3314	☐ Requested
Protective System		515	Steel Protective Coating	511	311	0	200	0	200	3342	
☒ Beam	4	107	Steel Open Girder/Beam	55	47	0	8	0	8	3314	☐ Requested
Protective System		515	Steel Protective Coating	511	361	0	150	0	150	3342	
☒ Bearing Device	1	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ Bearing Device	1	316	Other Bearings	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ Bearing Device	2	313	Fixed Bearing	1	0	1	0	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	1	0	0	1	3342	
☒ Bearing Device	2	316	Other Bearings	1	0	1	0	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	1	0	0	1	3342	
☒ Bearing Device	3	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ Bearing Device	3	316	Other Bearings	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ Bearing Device	4	313	Fixed Bearing	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ Bearing Device	4	316	Other Bearings	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ Expansion Joints	1	301	Pourable Joint Seal	24	24	0	0	0	0	3310	☐ Requested

Structure Number: 290078

Inspection Date: 10/29/2014

Span Number 4

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	12	Reinforced Concrete Deck	1563	1263	300	0	0	300	3326	☐ Requested
☒ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	55	55	0	0	0	0	3318	☐ Requested
☒ Bridge Rail	2	333	Other Bridge Railing	55	55	0	0	0	0	3318	☐ Requested
☐ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	55	55	0	0	0	0	3318	☐ Requested
☒ Beam	1	107	Steel Open Girder/Beam	55	51	0	4	0	4	3314	☐ Requested
Protective System		515	Steel Protective Coating	508	408	0	100	0	100	3342	
☒ Beam	2	107	Steel Open Girder/Beam	55	51	0	4	0	4	3314	☐ Requested
Protective System		515	Steel Protective Coating	508	408	0	100	0	100	3342	
☒ Beam	3	107	Steel Open Girder/Beam	55	51	0	4	0	4	3314	☐ Requested
Protective System		515	Steel Protective Coating	508	408	0	100	0	100	3342	
☒ Beam	4	107	Steel Open Girder/Beam	55	51	0	4	0	4	3314	☐ Requested
Protective System		515	Steel Protective Coating	508	508	0	0	0	0	3342	
☒ Bearing Device	1	316	Other Bearings	1	0	1	0	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ 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	2	316	Other Bearings	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ 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	3	316	Other Bearings	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ 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	4	316	Other Bearings	1	0	0	1	0	1	3334	☐ Requested
Protective System		515	Steel Protective Coating	1	0	0	1	0	1	3342	
☒ 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	
☐ Expansion Joints	1	300	Strip Seal Expansion Joint	24	24	0	0	0	0	3310	☐ Requested
☒ Expansion Joints	1	301	Pourable Joint Seal	24	24	0	0	0	0	3310	☐ Requested
☐ Expansion Joints	1	300	Strip Seal Expansion Joint	0	0	0	0	0	0	3310	☐ Requested

Structure Number: 290078

Inspection Date: 10/29/2014

Span Number 4

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
☐ Expansion Joints	1	301	Pourable Joint Seal	0	0	0	0	0	0	3310	☐ Requested

Superstructure Element Defect Descriptions

Structure Number: 290078

Inspection Date: 10/29/2014

Span Number 1

Span	Deck	1	Component Name:	Reinforced Concrete Deck					
------	------	---	-----------------	--------------------------	--	--	--	--	--

Element: 12 Name Reinforced Concrete Deck Qty: 1563 Lvl 2: 200 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 200

Defect Description:

200 Square Feet of Abrasion/Wear (PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. IN RANDOM AREAS

Span	Beam	1	Component Name:	Plate Girder					
------	------	---	-----------------	--------------	--	--	--	--	--

Element: 107 Name Steel Open Girder/Beam Qty: 55 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.UP TO 1/8 IN LOSS IN WEB AND LOWER FLANGE

Span	Beam	2	Component Name:	Plate Girder					
------	------	---	-----------------	--------------	--	--	--	--	--

Element: 107 Name Steel Open Girder/Beam Qty: 55 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..UP TO 1/8 IN SECTION LOSS AT PIER IN LOWER FLANGE AND 4 IN OF WEB
1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	Beam	3	Component Name:	Plate Girder					
------	------	---	-----------------	--------------	--	--	--	--	--

Element: 107 Name Steel Open Girder/Beam Qty: 55 Lvl 2: 0 Lvl 3: 6 Lvl 4: 0 Maint. Qty: 6

Defect Description:

6 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review..UP TO 1/8 IN SECTION LOSS AT PIER IN LOWER FLANGE AND 4 IN OF WEB
100 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	Beam	4	Component Name:	Plate Girder					
------	------	---	-----------------	--------------	--	--	--	--	--

Element: 107 Name Steel Open Girder/Beam Qty: 55 Lvl 2: 0 Lvl 3: 8 Lvl 4: 0 Maint. Qty: 8

Defect Description:

8 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review..UP TO 1/8 IN SECTION LOSS AT PIER IN LOWER FLANGE AND 4 IN OF WEB
200 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	Bearing Device	1	Component Name:	Other Bearing					
------	----------------	---	-----------------	---------------	--	--	--	--	--

Element: 316 Name Other Bearings Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty: 1

Defect Description:

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.
1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	Bearing Device	2	Component Name:	Other Bearing					
------	----------------	---	-----------------	---------------	--	--	--	--	--

Element: 316 Name Other Bearings Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty: 1

Defect Description:

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.
1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	Bearing Device	3	Component Name:	Other Bearing					
------	----------------	---	-----------------	---------------	--	--	--	--	--

Element: 316 Name Other Bearings Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty: 1

Defect Description:

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.
1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Inspection Date: 10/29/2014

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.
1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

200 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. IN RANDOM AREAS

4 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. UP TO 1/8 IN SECTION LOSS UP IN BOTTOM FLANGE AND LOWER WEB

100 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

10 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review..UP TO 1/8 IN SECTION LOSS AT PIER IN LOWER FLANGE AND 4 IN OF WEB
200 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

7 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review..UP TO 1/8 IN SECTION LOSS AT PIER IN LOWER FLANGE AND 4 IN OF WEB
100 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

8 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review..UP TO 1/8 IN SECTION LOSS AT PIER IN LOWER FLANGE AND 4 IN OF WEB
150 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span	2	Bearing Device	2	Component Name:	Fixed Bearing								
Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	1	Lvl 3	0	Lvl 4	0	Maint. Qty	1
Defect Description:													

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span	2	Bearing Device	2	Component Name:	Other Bearing					
------	---	----------------	---	-----------------	---------------	--	--	--	--	--

Element:	316	Name	Other Bearings	Qty:	1	Lvl 2:	1	Lvl 3	0	Lvl 4	0	Maint. Qty	1
----------	-----	------	----------------	------	---	--------	---	-------	---	-------	---	------------	---

Defect Description:

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	2	Bearing Device	3	Component Name:	Fixed Bearing					
------	---	----------------	---	-----------------	---------------	--	--	--	--	--

Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	1	Lvl 3	0	Lvl 4	0	Maint. Qty	1
----------	-----	------	---------------	------	---	--------	---	-------	---	-------	---	------------	---

Defect Description:

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	2	Bearing Device	3	Component Name:	Other Bearing					
------	---	----------------	---	-----------------	---------------	--	--	--	--	--

Element:	316	Name	Other Bearings	Qty:	1	Lvl 2:	1	Lvl 3	0	Lvl 4	0	Maint. Qty	1
----------	-----	------	----------------	------	---	--------	---	-------	---	-------	---	------------	---

Defect Description:

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	2	Bearing Device	4	Component Name:	Fixed Bearing					
------	---	----------------	---	-----------------	---------------	--	--	--	--	--

Element:	313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
----------	-----	------	---------------	------	---	--------	---	-------	---	-------	---	------------	---

Defect Description:

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.

1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	2	Bearing Device	4	Component Name:	Other Bearing					
------	---	----------------	---	-----------------	---------------	--	--	--	--	--

Element:	316	Name	Other Bearings	Qty:	1	Lvl 2:	1	Lvl 3	0	Lvl 4	0	Maint. Qty	1
----------	-----	------	----------------	------	---	--------	---	-------	---	-------	---	------------	---

Defect Description:

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span Number 3

Span	3	Deck	1	Component Name:	Reinforced Concrete Deck					
------	---	------	---	-----------------	--------------------------	--	--	--	--	--

Element:	12	Name	Reinforced Concrete Deck	Qty:	1563	Lvl 2:	0	Lvl 3	200	Lvl 4	0	Maint. Qty	200
----------	----	------	--------------------------	------	------	--------	---	-------	-----	-------	---	------------	-----

Defect Description:

200 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. RANDOM AREAS

Span	3	Beam	1	Component Name:	Plate Girder					
------	---	------	---	-----------------	--------------	--	--	--	--	--

Element:	107	Name	Steel Open Girder/Beam	Qty:	55	Lvl 2:	0	Lvl 3	8	Lvl 4	0	Maint. Qty	8
----------	-----	------	------------------------	------	----	--------	---	-------	---	-------	---	------------	---

Defect Description:

8 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review..UP TO 1/8 IN SECTION LOSS AT PIER IN LOWER FLANGE AND 4 IN OF WEB

100 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	3	Beam	2	Component Name:	Plate Girder					
------	---	------	---	-----------------	--------------	--	--	--	--	--

Element:	107	Name	Steel Open Girder/Beam	Qty:	55	Lvl 2:	0	Lvl 3	8	Lvl 4	0	Maint. Qty	8
----------	-----	------	------------------------	------	----	--------	---	-------	---	-------	---	------------	---

Defect Description:

8 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review..UP TO 1/8 IN SECTION LOSS AT PIER IN LOWER FLANGE AND 4 IN OF WEB

120 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	3	Beam	3	Component Name:	Plate Girder					
------	---	------	---	-----------------	--------------	--	--	--	--	--

Element:	107	Name	Steel Open Girder/Beam	Qty:	55	Lvl 2:	0	Lvl 3	9	Lvl 4	0	Maint. Qty	9
----------	-----	------	------------------------	------	----	--------	---	-------	---	-------	---	------------	---

Defect Description:

Span 3	Beam 4	Component Name:		Plate Girder								
Element: 107	Name	Steel Open Girder/Beam	Qty:	55	Lvl 2:	0	Lvl 3	8	Lvl 4	0	Maint. Qty	8
Defect Description:												

Span 3	Bearing Device	1	Component Name:				Fixed Bearing					
Element: 313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:												

Span 3	Bearing Device	1	Component Name:		Other Bearing							
Element: 316	Name	Other Bearings	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:												

Span 3	Bearing Device	2	Component Name:		Fixed Bearing							
Element: 313	Name	Fixed Bearing	Qty:	1	Lvl 2:	1	Lvl 3	0	Lvl 4	0	Maint. Qty	1
Defect Description:												

Span 3	Bearing Device	2	Component Name:		Other Bearing							
Element: 316	Name	Other Bearings	Qty:	1	Lvl 2:	1	Lvl 3	0	Lvl 4	0	Maint. Qty	1
Defect Description:												

Span 3	Bearing Device	3	Component Name:		Fixed Bearing							
Element: 313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:												

Span 3	Bearing Device	3	Component Name:		Other Bearing							
Element: 316	Name	Other Bearings	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:												

Span 3	Bearing Device	4	Component Name:		Fixed Bearing							
Element: 313	Name	Fixed Bearing	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:												

Span 3	Bearing Device	4	Component Name:		Other Bearing							
Element: 316	Name	Other Bearings	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
Defect Description:												

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.

1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span Number 4

Span	4	Deck	1	Component Name:	Reinforced Concrete Deck				
------	---	------	---	-----------------	--------------------------	--	--	--	--

Element:	12	Name	Reinforced Concrete Deck	Qty:	1563	Lvl 2:	300	Lvl 3	0	Lvl 4	0	Maint. Qty	300
----------	----	------	--------------------------	------	------	--------	-----	-------	---	-------	---	------------	-----

Defect Description:

100 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. RANDOM AREAS OF CRACKING
200 Square Feet of Abrasion/Wear (PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete.RANDOM AREAS

Span	4	Beam	1	Component Name:	Plate Girder				
------	---	------	---	-----------------	--------------	--	--	--	--

Element:	107	Name	Steel Open Girder/Beam	Qty:	55	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.UP TO 1/8 IN SECTION LOSS AT PIER IN LOWER FLANGE AND 4 IN OF WEB
100 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	4	Beam	2	Component Name:	Plate Girder				
------	---	------	---	-----------------	--------------	--	--	--	--

Element:	107	Name	Steel Open Girder/Beam	Qty:	55	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..UP TO 1/8 IN SECTION LOSS AT PIER IN LOWER FLANGE AND 4 IN OF WEB
100 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	4	Beam	3	Component Name:	Plate Girder				
------	---	------	---	-----------------	--------------	--	--	--	--

Element:	107	Name	Steel Open Girder/Beam	Qty:	55	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..UP TO 1/8 IN SECTION LOSS AT PIER IN LOWER FLANGE AND 4 IN OF WEB
100 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	4	Beam	4	Component Name:	Plate Girder				
------	---	------	---	-----------------	--------------	--	--	--	--

Element:	107	Name	Steel Open Girder/Beam	Qty:	55	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..UP TO 1/8 IN SECTION LOSS AT PIER IN LOWER FLANGE AND 4 IN OF WEB

Span	4	Bearing Device	1	Component Name:	Other Bearing				
------	---	----------------	---	-----------------	---------------	--	--	--	--

Element:	316	Name	Other Bearings	Qty:	1	Lvl 2:	1	Lvl 3	0	Lvl 4	0	Maint. Qty	1
----------	-----	------	----------------	------	---	--------	---	-------	---	-------	---	------------	---

Defect Description:

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	4	Bearing Device	2	Component Name:	Other Bearing				
------	---	----------------	---	-----------------	---------------	--	--	--	--

Element:	316	Name	Other Bearings	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
----------	-----	------	----------------	------	---	--------	---	-------	---	-------	---	------------	---

Defect Description:

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.
1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span	4	Bearing Device	3	Component Name:	Other Bearing				
------	---	----------------	---	-----------------	---------------	--	--	--	--

Element:	316	Name	Other Bearings	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
----------	-----	------	----------------	------	---	--------	---	-------	---	-------	---	------------	---

Defect Description:

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.
1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Structure Number: 290078

Inspection Date: 10/29/2014

Span	4	Bearing Device	4	Component Name:	Other Bearing				
-------------	---	-----------------------	---	------------------------	---------------	--	--	--	--

Element:	316	Name	Other Bearings	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
-----------------	-----	-------------	----------------	-------------	---	---------------	---	--------------	---	--------------	---	-------------------	---

Defect Description:

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.

1 Square Feet of Oxide Film Degradation Color/Texture Adherence (Steel Protective Coatings): Small flakes, less than 1/2-in. diameter.

Substructure Detailed Element Quantities

Structure Number: 290078

Inspection Date: 10/29/2014

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	215	Reinforced Concrete Abutment	31	31	0	0	0	0	3350	☐ Requested
☒ Caps	1	234	Reinforced Concrete Pier Cap	30	30	0	0	0	0	3348	☐ 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	215	Reinforced Concrete Abutment	24	24	0	0	0	0	3350	☐ Requested
☒ Piles and Columns	1	225	Steel Pile	1	0	1	0	0	10	3354	☐ Requested
☒ Piles and Columns	2	225	Steel Pile	1	0	1	0	0	10	3354	☐ Requested
☒ Piles and Columns	3	225	Steel Pile	1	0	1	0	0	10	3354	☐ Requested
☒ Piles and Columns	4	225	Steel Pile	1	0	0	1	0	10	3354	☐ Requested
☒ Piles and Columns	4	515	Steel Protective Coating	60	40	20	0	0	20	3342	☐ Requested
☒ Piles and Columns	5	225	Steel Pile	1	0	0	1	0	5	3354	☐ Requested
☒ Piles and Columns	5	515	Steel Protective Coating	60	40	0	20	0	20	3342	☐ Requested
☒ Piles and Columns	3	515	Steel Protective Coating	60	40	0	20	0	20	3342	☐ Requested
☒ Piles and Columns	2	515	Steel Protective Coating	60	45	0	15	0	15	3342	☐ Requested
☒ Piles and Columns	1	515	Steel Protective Coating	60	45	0	15	0	15	3342	☐ Requested
☒ Caps	1	234	Reinforced Concrete Pier Cap	30	28	2	0	0	2	3348	☐ Requested

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
☒ Caps	1	234	Reinforced Concrete Pier Cap	30	25	5	0	0	5	3348	☐ Requested
☒ Piles and Columns	1	225	Steel Pile	1	0	1	0	0	0	3354	☐ Requested
☒ Piles and Columns	1	515	Steel Protective Coating	80	65	0	15	0	15	3342	☐ Requested
☒ Piles and Columns	2	225	Steel Pile	1	0	0	1	0	0	3354	☐ Requested
☒ Piles and Columns	2	515	Steel Protective Coating	80	62	0	18	0	18	3342	☐ Requested
☒ Piles and Columns	3	225	Steel Pile	1	0	0	1	0	5	3354	☐ Requested
☒ Piles and Columns	3	515	Steel Protective Coating	80	60	0	20	0	20	3342	☐ Requested
☒ Piles and Columns	4	225	Steel Pile	1	0	0	1	0	8	3354	☐ Requested
☒ Piles and Columns	4	515	Steel Protective Coating	80	55	0	25	0	25	3342	☐ Requested
☒ Piles and Columns	5	225	Steel Pile	1	0	1	0	0	8	3354	☐ Requested
☒ Piles and Columns	5	515	Steel Protective Coating	80	55	0	25	0	25	3342	☐ Requested

Bent 3

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
☒ Caps	1	233	Prestressed Concrete Pier Cap	30	30	0	0	0	0	3348	☐ Requested
☒ Piles and Columns	1	225	Steel Pile	1	0	1	0	0	0	3354	☐ Requested
☒ Piles and Columns	1	515	Steel Protective Coating	80	60	0	20	0	20	3342	☐ Requested
☒ Piles and Columns	2	225	Steel Pile	1	0	0	1	0	0	3354	☐ Requested
☒ Piles and Columns	2	515	Steel Protective Coating	80	65	15	0	0	15	3342	☐ Requested
☒ Piles and Columns	3	225	Steel Pile	1	0	0	1	0	0	3354	☐ Requested
☒ Piles and Columns	3	515	Steel Protective Coating	80	60	0	20	0	20	3342	☐ Requested
☒ Piles and Columns	4	225	Steel Pile	1	0	1	0	0	5	3354	☐ Requested
☒ Piles and Columns	4	515	Steel Protective Coating	80	60	0	20	0	20	3342	☐ Requested
☒ Piles and Columns	5	225	Steel Pile	1	1	0	0	0	0	3354	☐ Requested
☒ Piles and Columns	5	515	Steel Protective Coating	80	50	0	30	0	30	3342	☐ Requested

Structure Number: 290078

Inspection Date: 10/29/2014

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	215	Reinforced Concrete Abutment	31	31	0	0	0	0	3350	☐ Requested
☒ Caps	1	234	Reinforced Concrete Pier Cap	30	30	0	0	0	0	3348	☐ Requested

Substructure Element Defect Descriptions

Structure Number: 290078

Inspection Date: 10/29/2014

Bent 1

Bent 1	Row 1	Piles and Columns	1
--------	-------	-------------------	---

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 10
Defect Description:

1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated.
 15 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Bent 1	Row 1	Piles and Columns	2
--------	-------	-------------------	---

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 10
Defect Description:

1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated. AT THE CAP AND PILE CONNECTION
 15 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Bent 1	Row 1	Piles and Columns	3
--------	-------	-------------------	---

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 10
Defect Description:

1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated. AT THE CAP AND PILE CONNECTION
 20 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Bent 1	Row 1	Piles and Columns	4
--------	-------	-------------------	---

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 10
Defect Description:

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. AT THE CAP AND PILE CONNECTION
 20 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Bent 1	Row 1	Piles and Columns	5
--------	-------	-------------------	---

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 5
Defect Description:

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. AT THE CAP AND PILE CONNECTION
 20 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Bent 1	Row 1	Caps	1
--------	-------	------	---

Element: 234 **Name** Reinforced Concrete Pier Cap **Qty:** 30 **Lvl 2:** 2 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 2
Defect Description:

2 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. CRACKING IN THE LEFT END OF PIER

Bent 2	Row 1	Caps	1
--------	-------	------	---

Element: 234 **Name** Reinforced Concrete Pier Cap **Qty:** 30 **Lvl 2:** 5 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 5
Defect Description:

5 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. LEFT END OF PIER

Bent 2	Row 1	Piles and Columns	1
--------	-------	-------------------	---

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0
Defect Description:

1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated.
 15 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Bent 2	Row 1	Piles and	2
--------	-------	-----------	---

Columns											
Element: 225	Name	Steel Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	0
Defect Description:											
1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.AT THE CAP AND PILE CONNECTION											
18 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.											
Bent 2	Row	1	Piles and Columns	3							
Element: 225	Name	Steel Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	5
Defect Description:											
1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.AT THE CAP AND PILE CONNECTION											
20 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.											
Bent 2	Row	1	Piles and Columns	4							
Element: 225	Name	Steel Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	8
Defect Description:											
1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.AT THE CAP AND PILE CONNECTION											
25 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.											
Bent 2	Row	1	Piles and Columns	5							
Element: 225	Name	Steel Pile	Qty:	1	Lvl 2:	1	Lvl 3	0	Lvl 4	0 Maint. Qty	8
Defect Description:											
1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated. AT THE CAP AND PILE CONNECTION											
25 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.											
Bent 3	Row	1	Piles and Columns	1							
Element: 225	Name	Steel Pile	Qty:	1	Lvl 2:	1	Lvl 3	0	Lvl 4	0 Maint. Qty	0
Defect Description:											
1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated.AT THE CAP AND PILE CONNECTION											
20 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.											
Bent 3	Row	1	Piles and Columns	2							
Element: 225	Name	Steel Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	0
Defect Description:											
1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.AT THE CAP AND PILE CONNECTION											
15 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only.											
Bent 3	Row	1	Piles and Columns	3							
Element: 225	Name	Steel Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	0
Defect Description:											
1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.AT THE CAP AND PILE CONNECTION											
20 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.											
Bent 3	Row	1	Piles and Columns	4							
Element: 225	Name	Steel Pile	Qty:	1	Lvl 2:	1	Lvl 3	0	Lvl 4	0 Maint. Qty	5
Defect Description:											
1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated. RUST AND SCALE AT THE ENCASEMENT											
20 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.											

Structure Number: 290078

Inspection Date: 10/29/2014

Bent 3	Row 1	Piles and Columns	5
--------	-------	-------------------	---

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3:** 0 **Lvl 4:** 0 **Maint. Qty:** 0

Defect Description:

30 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

National Bridge and NC Inspection Items

Structure Number: 290078

Inspection Date: 10/29/2014

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	6
Item 59: Superstructure	0 - 9 , N	4
Item 60: Substructure	0 - 9 , N	5
Item 61: Channel and Channel Protection	0 - 9 , N	5
Item 62: Culvert	0 - 9 , 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	F	5590	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	F	500	3352
Wingwall	G, F, P, or C	F	50	3350
Scour	G, F, P, or C	G		
Field Scour Evaluation		P		
Drift	G, F, P, or C	P	0	3366
Fender System	G, F, P, or C		0	3364
Response to Live Load	G, F, P, or C	8		
Estimated Remaining Life	0 - 100 Years	19		

Note: If NC SMU Inspection 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	8
Traffic Control Time	Hours	0
Snooper Time	Hours	0
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: 290078

Inspection Date: 10/29/2014

Item	Channel and Channel Protection - Item 61	Grade	5	Maint Code		Qty.	0
-------------	--	--------------	---	-------------------	--	-------------	---

Details SHARP CURVE IN CHANNEL,UP AND DOWN STREAM.

Item	Priority Maintenance Issued	Grade	Y	Maint Code		Qty.	0
-------------	-----------------------------	--------------	---	-------------------	--	-------------	---

Details DRIFT AT PIER 3

Item	Presently Posted	Grade	Y	Maint Code		Qty.	0
-------------	------------------	--------------	---	-------------------	--	-------------	---

Details SV35 TTST38

Item	Deck Debris	Grade	F	Maint Code	3376	Qty.	5590
-------------	-------------	--------------	---	-------------------	------	-------------	------

Details DECK DEBRIS ON BOTH GUTTER LINES UP TO 1 FT. W x 3 IN DEEP FULL LENGTH

Item	Slope Protection	Grade	F	Maint Code	3352	Qty.	500
-------------	------------------	--------------	---	-------------------	------	-------------	-----

Details S.W. SLOPE PROTECTION HOLE UP TO 18 IN DIA x 1FT. DEEP. WITH CRACKING

Item	Drift	Grade	P	Maint Code	3366	Qty.	0
-------------	-------	--------------	---	-------------------	------	-------------	---

Details DRIFT AT PIER 3 PRIORITY MAINT.

Item	Wingwalls	Grade	F	Maint Code	3350	Qty.	50
-------------	-----------	--------------	---	-------------------	------	-------------	----

Details S.W. WING WALL LEANING AT TOP UP TO 6 IN.

Item	Field Scour Evaluation	Grade	P	Maint Code		Qty.	0
-------------	------------------------	--------------	---	-------------------	--	-------------	---

Details SEE SCOUR REPORT 3/23/94 CODE (8) LOW RISK PILE PENETRATION LESS THAN 20 FT. PIER 3 PENETRATION ADEQUATE IN REMAINING PILES.



Bent 3 Pile 4: 1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated. RUST AND SCALE AT THE ENCASEMENT



DECK DEBRIS ON BOTH GUTTER LINES UP TO 1 FT. W x 3 IN DEEP FULL LENGTH



Span 4 Deck: 100 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. RANDOM AREAS OF CRACKING



DRIFT AT PIER 3 UP TO 8FT. W x 8FT. DEEP x 40 FT. LONG PRIORITY MAINTENANCE



Span 1 Deck: 200 Square Feet of Abrasion/Wear (PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. IN RANDOM AREAS



S.W. SLOPE PROTECTION HOLE UP TO 18 IN DIA x 1FT. DEEP. WITH CRACKING



S.W. WING WALL LEANING AT TOP UP TO 6 IN.



Span 2 Beam 1: 4 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. UP TO 1/8 IN SECTION LOSS UP IN BOTTOM FLANGE AND LOWER WEB



Span 1 Beam 1: 4 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. UP TO 1/8 IN LOSS IN WEB AND LOWER FLANGE



Bent 1 Cap : 2 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. CRACKING IN THE LEFT END OF PIER



Bent 2 Pile 1: 1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated.



LOOKING SOUTH



NORTH POSTING



LOOKING EAST



BEARING ASSY SEAT 2 ABUT 2



ABUT 2



PIER 2



SUPERSTRUCTURE SPAN 3



NORTH APPROACH



UPSTREAM



DOWNSTREAM



SOUTH APPROACH



LOOKING NORTH



SOUTH POSTING



LOOKING WEST



BEARING ASSY SEAT 1 PIER 1 SPANS 1 AND 2



ABUT 1



DOWNSTREAM



UPSTREAM

NATIONAL BRIDGE INVENTORY----- STRUCTURE INVENTORY AND APPRAISAL

Run Date: 12/18/2014

IDENTIFICATION				CLASSIFICATION			
(1) STATE NAME -NORTH CAROLINA	BRIDGE	290078		SUFFICIENCY RATING =		49.26	
(8) STRUCTURE NUMBER(FEDERAL)		00000000590078		STATUS =	Structurally Deficient		
(5) INVENTORY ROUTE (ON/UNDER) - ON		31013380					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		2					
(3) COUNTY CODE	59	(4) PLACE CODE	0	(112)NBIS BRIDGE SYSTEM -		YES	
(6) FEATURE INTERSECTED -	HUNTING CREEK			(104)HIGHWAY SYSTEM	Is not on NHS	0	
(7) FACILITY CARRIED	SR1338			(26) FUNCTIONAL CLASS -	Local	09	
(9) LOCATION	0.8 MI. S. JCT. SR1335			(100)STRAHNET HIGHWAY -	Not a STRAHNET Route	0	
(11)MILEPOINT		0		(101)PARALLEL STRUCTURE -	No Parallel Structure	N	
(16)LAT	35° 56' 28.38"	(17)LONG	80° 41' 24.19"	(102)DIRECTION OF TRAFFIC -	2-way Traffic	2	
(98)BORDER BRIDGE STATE CODE		PCT SHARE		(103)TEMPORARY STRUCTURE -			
(99)BORDER BRIDGE STRUCTURE NO				(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	
STRUCTURE TYPE AND MATERIAL				CONDITION			
(43) STRUCTURE TYPE MAIN:	Steel			(58) DECK		6	
TYPE -	Stringer Mutlibeam or Girder	CODE	302	(59) SUPERSTRUCTURE		4	
(44) STRUCTURE TYPE APPR :				(60) SUBSTRUCTURE		5	
TYPE -		CODE	000	(61) CHANNEL & CHANNEL PROTECTION		5	
(45) NUMBER OF SPANS IN MAIN UNIT			4	(62) CULVERTS		N	
(46) NUMBER OF APPROACH SPANS							
(107)DECK STRUCTURE TYPE -	1	CODE		LOAD RATING AND POSTING			
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(31) DESIGN LOAD	H 15	2	
(A) TYPE OF WEARING SURFACE -		CODE		(63) OPERATING RATING METHOD -	Load Factor	1	
(B) TYPE OF MEMBRANE -		CODE		(64) OPERATING RATING -	HS-23	41	
(C) TYPE OF DECK PROTECTION -		CODE		(65) INVENTORY RATING METHOD -	Load Factor	1	
				(66) INVENTORY RATING -	HS-13	24	
				(70) BRIDGE POSTING -	Posting Required	3	
				(41) STRUCTURE OPEN, POSTED ,OR CLOSED		P	
				DESCRIPTION -	Posted for Load		
AGE AND SERVICE				APPRAISAL			
(27) YEAR BUILT			1961	(67) STRUCTURAL EVALUATION		4	
(106)YEAR RECONSTRUCTED				(68) DECK GEOMETRY		4	
(42) TYPE OF SERVICE : ON -	Highway			(69) UNDERCLEARANCES,VERTI & HORIZ		N	
UNDER -	Waterway	CODE	15	(71) WATERWAY ADEQUACY		7	
(28) LANES: ON STRUCTURE	2	UNDER STRUCTURE	0	(72) APPROACH ROADWAY ALIGNMENT		8	
(29) AVERAGE DAILY TRAFFIC			520	(36) TRAFFIC SAFETY FEATURES		0000	
(30) YEAR OF ADT	2013	(109) TRUCK ADT PCT	6%	(113)SCOUR CRITICAL BRIDGES		8	
(19) BYPASS OR DETOUR LENGTH			2 MI	PROPOSED IMPROVEMENTS			
GEOMETRIC DATA				(75) TYPE OF WORK -		CODE	
(48) LENGTH OF MAXIMUM SPAN			54 FT	(76) LENGTH OF STRUCTURE IMPROVEMENT			
(49) STRUCTURE LENGTH			220 FT	(94) BRIDGE IMPROVEMENT COST			
(50)CURB OR SIDEWALK: LEFT	1.125 FT	RIGHT	1.125 FT	(95) ROADWAY IMPROVEMENT COST			
(51) BRIDGE ROADWAY WIDTH CURB TO CURB			24 FT	(96) TOTAL PROJECT COST			
(52) DECK WIDTH OUT TO OUT			26.417 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)			18 FT	(114)FUTURE ADT	1040	(115) YEAR FUTURE ADT	2025
(33) BRIDGE MEDIAN -	No Median	CODE	0	INSPECTIONS			
(34) SKEW	0°	(35) STRUCTURE FLARED	0	(90) INSPECTION DATE		10/29/2014	
(10) INVENTORY ROUTE MIN VERT CLEAR			999.9 FT	(92) CRITICAL FEATURE INSPECTION :		(93) CFI DATE	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR			24 FT	A) FRACTURE CRIT DETAIL -	NO	A)	
(53) MIN VERT CLEAR OVER BRIDGE RDWY			999.9 FT	B) UNDERWATER INSP -	NO	B)	
(54) MIN VERT UNDERCLEAR REF	Not a Highway or Railroad		0 FT	C) OTHER SPECIAL INSP	NO	C)	
(55) MIN LAT UNDERCLEAR RT REF	Not a Highway or Railroad		000 FT	SCOUR			
(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				

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 12/18/2014

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
DAVIE	9	2	290078	220	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1338	HUNTING CREEK

LOCATED :	BRIDGE NAME :	CITY :
0.8 MI. S. JCT. SR1335		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
09	NFA	NFA	520 2013	LT 141 RT 141

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1961	SHC	8.28256	S-1280(1)	H 15

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

NAVIGATION :	HT. CRN. TO BED :	WATER DEPTH :
VC 0 FT HC 0 FT 28 FT		4 FT

SUPERSTRUCTURE : REINFORCED CONCRETE DECK ON I-BEAMS

SUBSTRUCTURE : END & INTERIOR BENTS:RC CAP ON STEEL PILES

SPANS : 4@55'0"

BEAMS OR GIRDERS : 4 LINES OF W33X141 I-BEAMS @ 7'0" CENTERS

FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
7" RC SLAB		26.417 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
24 FT	26.25 FT	LT 1.125 FT RT 1.125 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :	TTST	38	DATE	10/20/2008
HS-13	HS-23	Ext bm	SV 35				

SYSTEM :	GREEN LINE ROUTE :
Secondary S.R. Route	N

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 290078 County DAVIE Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3366	Drift and Debris Removal	HR	50	DRIFT AT PIER 3 8FT. W X 8 FT. H X 40 FT. LONG PRIORITY MAINTENANCE	

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 290078

County DAVIE

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

MMS Code	MMS Description	Quantity
3366	Drift and Debris Removal	50 HR
Location:		
Pier Substructure	Bent/Span No. 3	PIER 3
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/29/2014	STEVE AUSTIN	JASON ROLFSMEYER
Details		
DRIFT AT PIER 3 8FT. W X 8 FT. H X 40 FT. LONG PRIORITY MAINTENANCE		

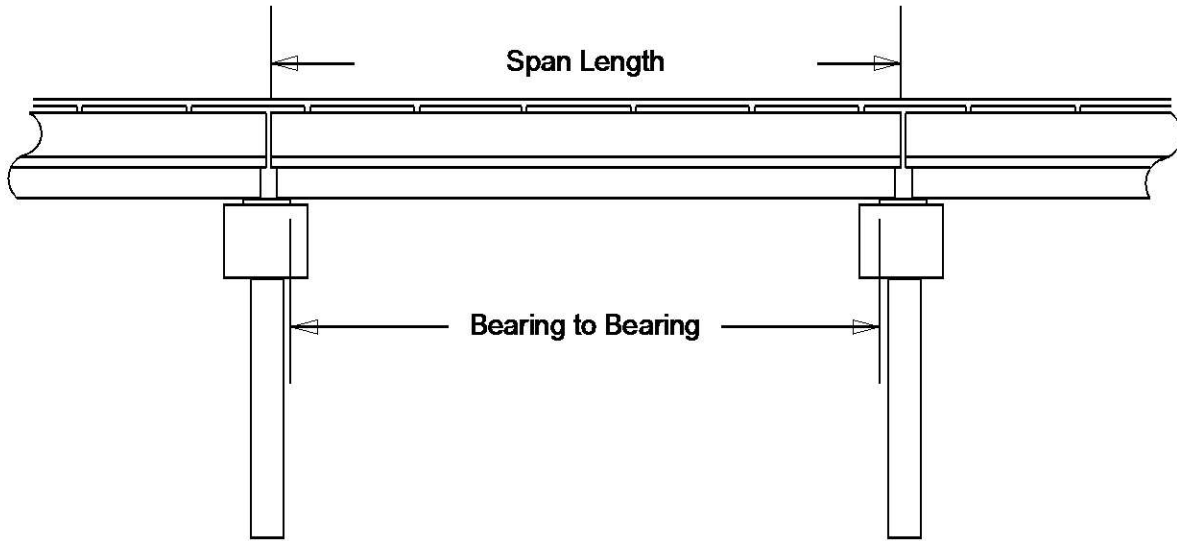


DRIFT AT PIER 3 8FT. W X 8 FT. H X 40 FT. LONG PRIORITY MAINTENANCE

Structure Data Worksheet

Spans

County: DAVIE Structure No: 290078 Date: _____ Inspected By: SWA



Span No	Span Length	Bearing to Bearing	Comments
1	55.0	53.083	NBIS BL: 215.0 FT
2	55.0	53.667	
3	55.0	53.667	
4	55.0	53.083	

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 290078 County: DAVIE Date: _____ By: SWA

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	ABUT 1	0	0.0	ABUT 1
0.1	6	TOC			
1	6				
1.1	7.6		1.1	7.6	
7	7.6				
17	14.5				
35	14.8				
55	16.7	PIER 1	55	19.1	PIER 1
65	17				
90	16.3				
108	25.6	WS WE			
110	27.3	PIER 2	110	25.3	PIER 2
122	27				
130	27.3				
140	29.4				
150	30				
160	31				
165	27.8	PIER 3	165	30.7	PIER 3
165.1	26.8	WS WE			
192	19.5				
213	7.6				
219	7.5		219	7.8	
219.1	6				
220	6	TOC			
220.1	0	ABUT 2	220.1	0.0	ABUT 2

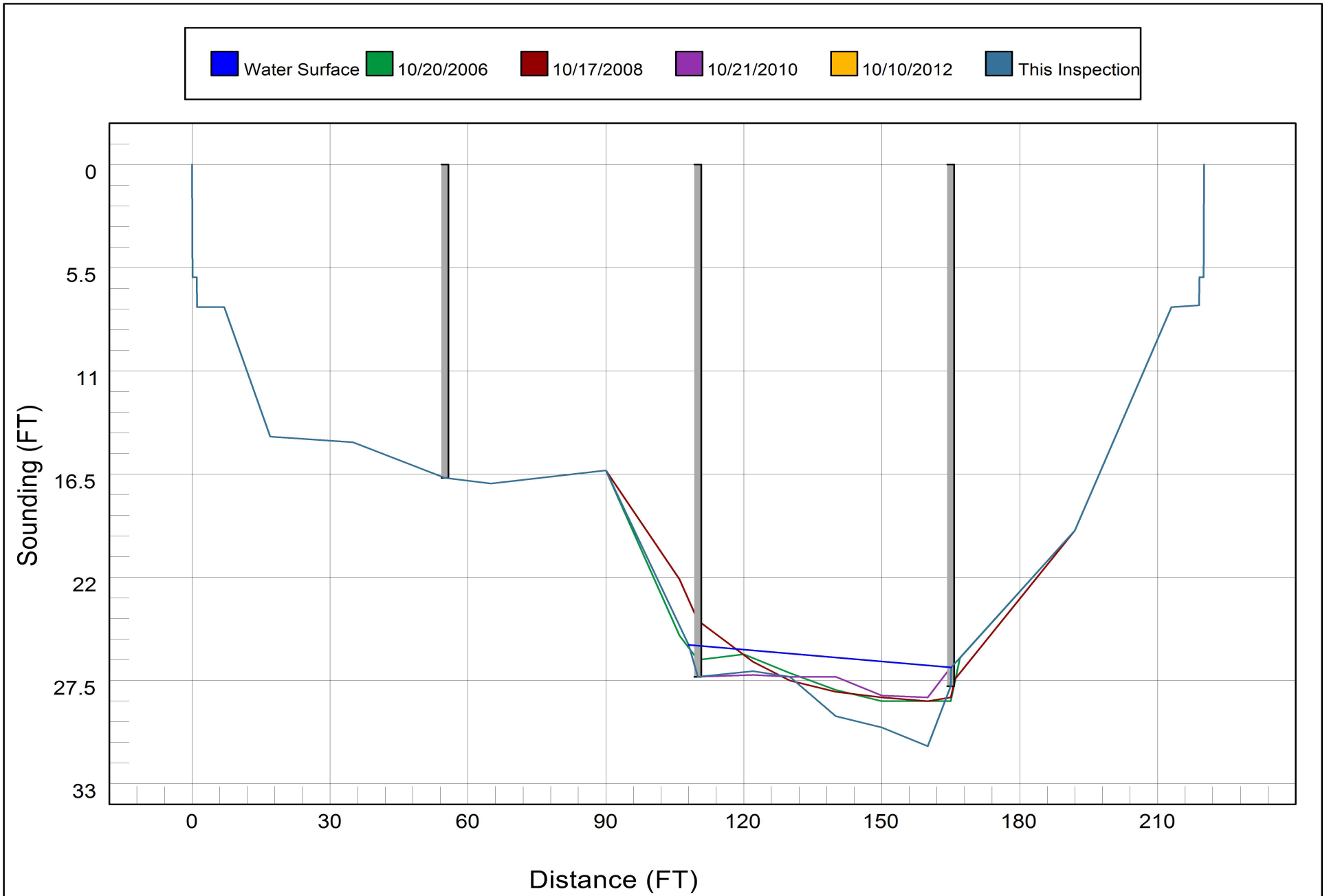
Bridge: 290078

County DAVIE

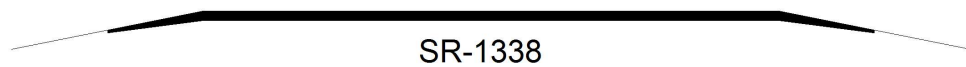
Date:

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch



Roadway	18ft Wide	2 Unpaved Lanes	Looking North
Left Shoulder	6ft Wide		6ft Unpaved
Right Shoulder	6ft Wide		6ft Unpaved
Left Guardrail			
Right Guardrail			

MEASUREMENTS VERIFIED 10-29-14 JER
MEASUREMENTS VERIFIED 10-10-12 BTH
MEASUREMENTS VERIFIED 10-21-10 BTH
MEASUREMENTS VERIFIED 10-15-08 BTH

Title

APPROACH ROADWAY

Description

SHEET 1

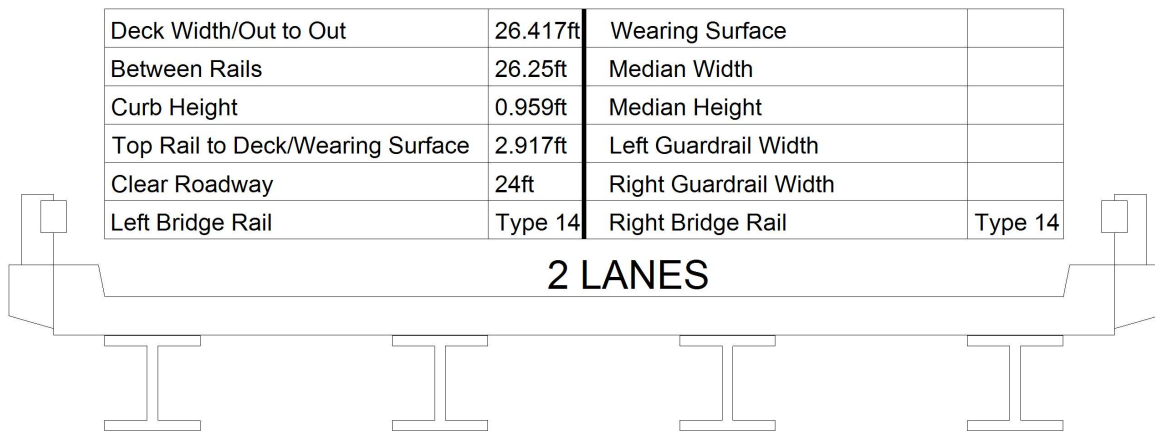
Bridge No: 290078

Drawn By: BTH

Date: 10/15/08

File Name: S0090001914

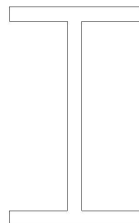
Bridge Inspection Field Sketch



Measurements for Span #	1	Spans 2 & 4 Similar	
Deck Thickness	0.583	Left Overhang	2.709
Top of Rail to Bottom of Beam	6	Right Overhang	2.709

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam	7.0 ft.	
2	Steel I Beam	7.0 ft.	
3	Steel I Beam	7.0 ft.	
4	Steel I Beam		

ABUTS: RC CAPS ON 1.0 ft. STEEL PILES. PIERS: RC CAPS ON 1.67 ft. STEEL PILES ENCASED. AT GROUND.
INT. DIAPH. ARE 15 IN. CHANNELS SPACED AT THE 1/3 PT. IN ALL SPANS.

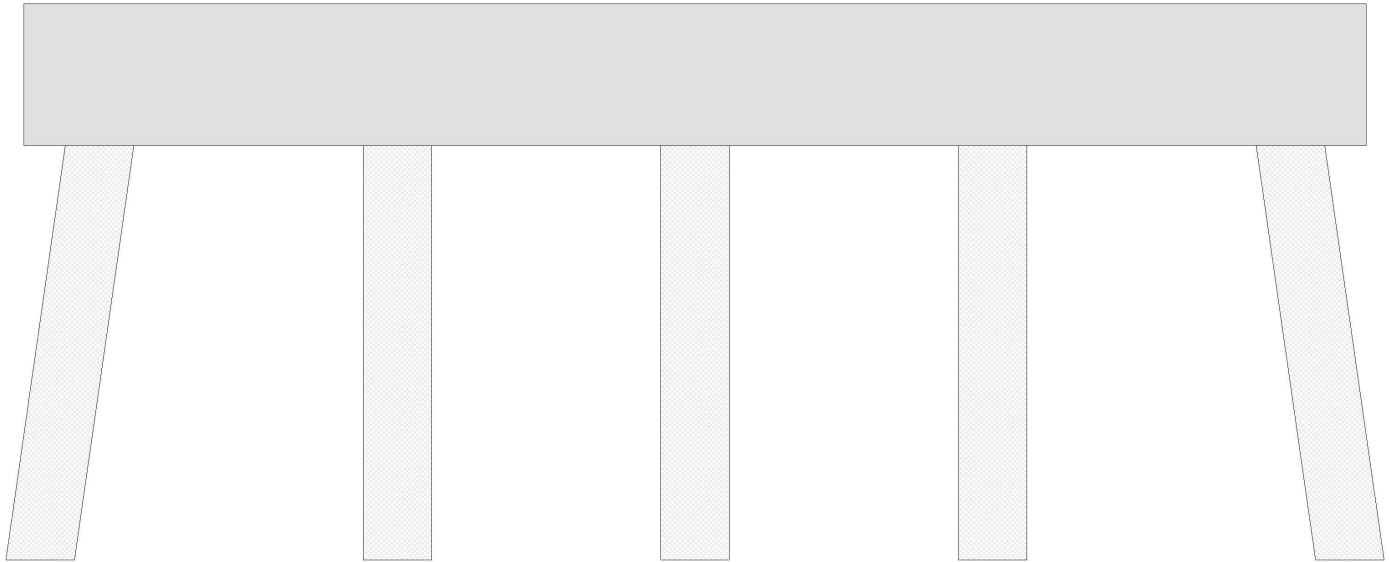


I-BEAMS	WIDTH	HEIGHT	WEB	FLANGE
ALL	.969 ft.	2.792 ft.	.052 ft.	.088 ft.

MEASUREMENTS VERIFIED 10-29-14 JER
MEASUREMENTS VERIFIED 10-10-12 BTH
MEASUREMENTS VERIFIED 10-21-10 BTH
MEASUREMENTS VERIFIED 10-15-08 BTH

Title SUPERSTRUCTURE		Description SHEET 2	
Bridge No: 290078	Drawn By: BTH	Date: 10/15/08	File Name: S0090001915

Bridge Inspection Field Sketch



Cap Information			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
23.667 ft.	2.500 ft.	2.500 ft.	1.333 ft.	1.333 ft.	1.083 ft.	1.083 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Steel	5.25 ft.	1.209 ft.	1.167 ft.		Battered	No	No	No	No
2	Steel	5.25 ft.	1.209 ft.	1.167 ft.		Vertical	No	No	No	No
3	Steel	5.25 ft.	1.209 ft.	1.167 ft.		Vertical	No	No	No	No
4	Steel	5.25 ft.	1.209 ft.	1.167 ft.		Vertical	No	No	No	No
5	Steel		1.209 ft.	1.167 ft.		Battered	No	No	No	No
MEASUREMENTS VERIFIED 10-29-14 JER MEASUREMENTS VERIFIED 10-10-12 BTH MEASUREMENTS VERIFIED 10-21-10 BTH MEASUREMENTS VERIFIED 10-15-08 BTH										
Bent/Abutment #: 1			Similar Bents: PIERS 2 AND 3							

Title
PIERS

Description
SHEET 3

Bridge No: 290078

Drawn By: BTH

Date: 10/15/2008

File Name: S0090003020