

**STRUCTURAL DATA RECORD****Sufficiency Rating: 98.0****IDENTIFICATION**

Bridge ID: 1758F6149	(2) District: 01	(3) County: 3
Inventory Route:	(B) Highway Type: 1	(4) Place Code: 77580
(A) On/Under: 1	(E) Direction: 0	(C) Service Lvl: 7
(D) Route No: 00095		6B) Critical: *
6A) Features Intersected: MLK BLVD & ADAMS ST		11) Km. Point: 0.010 mi
(7) Facility Carried: RAMP TO I 95 S		
(9) Location: WILMINGTON		
16) Latitude: 39^44'29.15"	17) Longitude: 75^33'40.13"	
98) Border Bridge Code: NA	99) Border Br. Str. No.: NA	

**STRUCTURE TYPE AND MATERIAL**

43A) MAIN SPAN MATERIAL: 3	43B) DESIGN TYPE: 02
44A) APPR. SPAN MATERIAL: NA	44B) DESIGN TYPE: NA
45) Main Spans: 4	46) Approach Spans: 0
107) Deck Type: 1	
108A) Wearing Surface: 1	108B) Membrane: 0
Pier 1: 32	Pier 2: NA
Abut 1: 1	Abut 2: NA
	Pier Ftg. 1: E
	Abut Ftg. 1: E
	108C) Deck Protection: 1
	Pier Ftg. 2: NA
	Abut Ftg. 2: NA

**NAVIGATION DATA**

38) Navigational Control: N	39) Vertical Clearance: 0.0 ft	40) Horizontal Clearance: 0.0 ft
111) Pier Protection: !	116) Lift Br. Vert. Clr: 0.0 ft	

**AGE AND SERVICE**

19) Detour Length: 0 mi	27) Year Built: 1979	
28) No. of Lanes:	A) On Bridge: 1	B) Under Bridge: 4
29) ADT: 6045	30) Year of ADT: 2011	
42) Type of Service:	A) On Bridge: 1	B) Under Bridge: 1
106) Year Reconst.: -4	109) % Truck ADT: 12	

**CLASSIFICATION**

12) Base Hwy. Network: 0	13A) LRS Inv. Rte: NA	13B) LRS Subroute No.: NA
20) Toll Facility: 3	21) Maintenance: 1	22) Owner: 1
26) Functional Class: 11	37) Historical: 5	100) Defense Highway: 1
101) Parallel Str.: N	102) Direction: 1	103) Temp. Str.: 1
104) NHS: 1	105) Fed. Lands Highway: 0	110) Nat. Truck Network: 1
112) NBIS Length: Y		

**LOAD RATING AND POSTING**

31) Design Load: 6	41) Oper. Status: A	Rating Date: 11/3/2010
63) Oper. Rating Method: 3	64) Operating Rating: 76.8	
65) Inv. Rating Method: 3	66) Inv. Rating: 59.3	70) Bridge Posting: 5
Reason of Posting: NA	Date of Resolution: NA	Rating Analysis Req'd: NA
S335: 0	S437: 0	T330: 0
T435: 0	T540: 0	

**PROPOSED IMPROVEMENTS**

75) Type of Work: 31	76) Length of Imp.: 110.399
94) Bridge Cost: 800000	95) Roadway Cost: 200000
96) Total Cost: 1000000	97) Year of Cost Est.: 2005
114) Future ADT: 7584	115) Year of Future ADT: 2030

**CONTRACT INFORMATION**

Contract 1: 6403004	Contract 2: 7603021	Contract 3: -1
Contract 4: -1	Contract 5: -1	Contract 6: -1

**INSPECTION RECORD**

90) Inspection Date: 2/6/2012  
 92A) FC Frequency: NA  
 92B) UW Frequency: NA  
 92C) SI Frequency: NA  
 Element Frequency: 24 months  
 UBIV Required: N  
 Boat: N

91) Frequency: 24 months  
 93A) FC Insp. Date: NA  
 93B) UW Insp. Date: NA  
 92C) SI Date: NA  
 Elem. Insp. Date: 2/6/2012  
 UBIV Days: 01  
 Tidal: N

Next Inspection: 2/6/2014  
 Next FC Insp.: NA  
 Next UW Insp.: NA  
 Next SI: NA  
 Next Elem Insp.: 2/6/2014  
 Inspection Zone: 99  
 GPS: Y

**CONDITION**

58) Deck: 7  
 61) Channel: N  
 62) Culvert: N

59) Superstructure: 6  
 Paint Condition: 9  
 Paint Priority: 96.75

60) Substructure: 7

**APPRAISAL**

36) Traffic Sfty Feat.:  
 A) Bridge Rail: 1  
 D) Approach Rail Ends: 1  
 67) Structure Evaluation: 6  
 71) Waterway Adequacy: N  
 113) Scour Critical Evaluation: N

B) Transition: 1  
 68) Deck Geometry: 6  
 72) Approach Rdwy Alignment: 8

C) Approach Rail: 1  
 69) Underclearance: 6  
 Scour Analysis Date: NA

**GEOMETRIC DATA**

32) Appr. Rdwy Width (w/ Shldrs): 23.00 ft  
 34) Skew: 0^ 0' 0"  
 48) Length Maximum Span: 135.03 ft  
 50) Curb or Sidewalk:  
 51) Width Curb to Curb: 23.00 ft  
 53) Minimum Vertical Clearance Over Bridge Roadway: 99.9 ft  
 54) Vertical Underclearance:  
 55) Lateral Underclearance:  
 56) Lateral Underclearance - Minimum Left: 12.50 ft

35) Structure Flared: 1  
 49) Structure Length: 362.20 ft  
 A) Left: 0.00 ft  
 52) Deck Width o/o: 25.70 ft

33) Median: 0  
 B) Right: 0.00 ft  
 B) Minimum: 15.42 ft  
 B) Minimum: 13.00 ft

**PAST INSPECTION**

Inspection Date: 2/6/2012

Type: 1

Inspector: Pontis

**INSPECTION NOTES**

INSPECTED BY: AECOM - D. Raffensperger (TL)/D. Helmstetter Maintenance Items: 11104.1 - Repair abutment header spalls (1 CY) 11100.9 - Repair Compression Seal Deck Joint (106 LF) 11100.7 - Reseal Deck Joints (2 LF) 11100.5 - Spot Paint Superstructure (1 EA) 11104.3 - Repair Wingwall (1 LF) Repair soffit spalls Reseal cracks in approach roadway Repair relief joint Repair spalls in approach roadway Tighten Span 2 sign structure bolts Replace missing covers for light pole bases Inspection Notes: Span 1: Light pole attached to South parapet w/ missing cover plate. Span 2: Sign attached to N. parapet w/ loose connection in the top NW conn. plate and plate pulled from parapet by 3/8". South parapet light pole w/ missing cover plate. Traffic lights attached to North & South fascias w/ single bolts thru webs of curved girders w/ NDN. Span 4: Light pole attached to South parapet w/ missing cover plate.

**BRIDGE NOTES**

NBI DONE BY: JASON BAUER & DMJM ....NOTE: SCALE FACTORS ENTERED BY GRD ON 06/06/07, DO NOT CHANGE OR ERASE...

**PONTIS DATA**

Elements	ID	ENV	UNITS	TOTAL	CS1	CS2	CS3	CS4	CS5	Comments
Concrete Deck - Protected w/ Coated Bars	26	4	(SF)	8762	8762	0	0	0	0	For Notes See MSPE Report
Drains/Downspouts/Scuppers	65	4	(EA)	1	1	0	0	0	0	For Notes See MSPE Report
Painted Steel Open Girder/Beam	107	4	(LF)	1332	1157	171	4	0	0	For Notes See MSPE Report
Reinforced Concrete Column or Pile	205	3	(LF)	70	66	2	2	0	0	For Notes See MSPE Report
Reinforced Concrete Pier Wall	210	3	(LF)	24	18	0	6	0	0	For Notes See MSPE Report
Reinforced Concrete Abutment	215	2	(LF)	26	20	2	4	0	0	For Notes See MSPE Report
Reinforced Concrete Pier Cap	234	3	(LF)	141	84	20	37	0	0	For Notes See MSPE Report
Pourable Joint Seal	301	4	(LF)	71	0	69	2	0	0	For Notes See MSPE Report
Compression Joint Seal	302	4	(LF)	106	0	106	0	0	0	For Notes See MSPE Report
Moveable Bearing (roller, sliding, etc.)	311	3	(EA)	17	16	1	0	0	0	For Notes See MSPE Report
Fixed Bearing	313	3	(EA)	17	17	0	0	0	0	For Notes See MSPE Report
Reinforced Conc Approach Slab w/ or w/o AC Ovly	321	4	(EA)	1	0	1	0	0	0	For Notes See MSPE Report
Bridge Railing - Reinforced Concrete	331	4	(LF)	785	782	1	2	0	0	For Notes See MSPE Report
Deck Cracking	358	1	(EA)	1	1	0	0	0	0	For Notes See MSPE Report
Soffit (or Under Surface) of Concrete Deck or Slab	359	1	(EA)	1	0	1	0	0	0	For Notes See MSPE Report
Traffic Impact	362	1	(EA)	1	0	1	0	0	0	For Notes See MSPE Report
Painted Steel Diaphragm	381	3	(EA)	77	37	38	2	0	0	For Notes See MSPE Report
Reinforced Concrete Wingwalls	390	2	(LF)	141	139	1	1	0	0	For Notes See MSPE Report

**Total Elements:** 18

# DELAWARE DEPARTMENT OF TRANSPORTATION

## Bridge Management Section MultiSpan PONTIS Element Report for Span No. 1

Bridge ID: 1758F6149

Inspection Date: 2/6/2012

Description: Abut to Pier 1 over  
parking lot

ELEM	ENV	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4	CS5	COMMENTS
26	4	Conc Deck/Coatd Bars	(SF)	8762	8762	0	0	0	0	NDN
65	4	Drainage	(EA)	1	1	0	0	0	0	NDN
301	4	Pourable Joint Seal	(LF)	71	0	69	2	0	0	CS2: (69 LF) The pourable joint at the abut. is partially deteriorated. The header has a few spalls (Photo 9). CS3: (2 LF) Section of missing sealer in shldr.
302	4	Compressn Joint Seal	(LF)	52	0	52	0	0	0	CS2: (52 LF) The joints @ abut. and Pier 1 have some damaged areas and evidence that the joint is not water tight. There is also minor debris. Minor spalling of header and deck along both piers.
321	4	R/Conc Approach Slab	(EA)	1	0	1	0	0	0	CS2: (1 EA) Several areas of map cracking, mostly adj to abut joint. Note that the relief joint is deteriorated along the S.half (Photo 10).
107	4	Paint Stl Opn Girder	(LF)	252	242	10	0	0	0	CS2: (10 LF) Minor collision scrapes with exposed metal on bottom flange of BM 4 over access road to parking lot. Localized areas of light spot rust on bottom flange of each beam.
331	4	Conc Bridge Railing	(LF)	267	267	0	0	0	0	NDN
381	3	Painted Steel Diaphr	(EA)	12	5	6	1	0	0	CS2: (6 EA) Very light spot rust @ end diaph's and 1st interior @ Bay 1. Note: Channels @ abut. and K-frames @ Pier and throughout span. CS3: (1 EA) Blistering rust along top flange of Bay 1 diaph @ Pier 1.
311	3	Moveable Bearing	(EA)	4	4	0	0	0	0	CS1: (4 EA) Light surface spot rust, worst @ fascia brgs.
313	3	Fixed Bearing	(EA)	4	4	0	0	0	0	CS1: (4 EA) Light surface spot rust, worst @ fascia brgs..
205	3	R/Conc Column	(LF)	0	0	0	0	0	0	0
210	3	R/Conc Pier Wall	(LF)	8	5	0	3	0	0	CS3: (3 LF) Few cracks w/ rust @ SE end.
215	2	R/Conc Abutment	(LF)	26	20	2	4	0	0	CS2: (2 LF) 1/16" wide horiz crack @ NW corner. CS3: (4 LF) Cracks w/ rust in the E. end and E. face.
234	3	R/Conc Pier Cap	(LF)	25	18	1	6	0	0	CS2: (1 LF) N. o/hang w/ small incip spall on u/side (6 " diam). CS3: (6 LF) Several cracks w/ rust in S. o/hang, W & S faces and u/side (Photo 15).
390	2	Reinf Conc Wingwalls	(LF)	141	139	1	1	0	0	CS2: (1 LF) Open/incip spall in top of E. wing @ joint w/ abut (18"h x 9"w). CS3: (1 LF) Fine cr w/ rust @ mdht of E. wing near abut joint.
358	1	Deck Cracking SmFlag	(EA)	1	1	0	0	0	0	CS1: (1 EA) Superficial cracking.
359	1	Soffit Smart Flag	(EA)	1	0	1	0	0	0	CS2: (1 EA) Span 4: Large edge spall in S. soffit @ Pier 4 deck jt (31" x 4" x 4" dp) and at Pier 3 deck jt (20" x 8" x 4"dp) (Photo 11).
362	1	Traf Impact SmFlag	(EA)	1	0	1	0	0	0	CS2: (1 EA) Minor collision scrapes exposing metal on bottom flange of BM 4 over access road in Span 1 (Photo 13).

# DELAWARE DEPARTMENT OF TRANSPORTATION

## Bridge Management Section MultiSpan PONTIS Element Report for Span No. 2

Bridge ID: 1758F6149

Inspection Date: 2/6/2012

Description: Main span over Front St  
& Adam St

ELEM	ENV	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4	CS5	COMMENTS
26	4	Conc Deck/Coatd Bars	(SF)	0	0	0	0	0	0	0
65	4	Drainage	(EA)	0	0	0	0	0	0	0
301	4	Pourable Joint Seal	(LF)	0	0	0	0	0	0	0
302	4	Compressn Joint Seal	(LF)	25	0	25	0	0	0	CS2: (25 LF) The joint has some damaged areas, evidence of leakage and collection of minor debris. Minor spalls in adjacent deck edge on both sides (Photo 8).
321	4	R/Conc Approach Slab	(EA)	0	0	0	0	0	0	0
107	4	Paint Stl Opn Girder	(LF)	526	510	16	0	0	0	CS2: (16 LF) Light surface rust typical at beam ends. Rust stains and previously noted ponding water on the flange of BM 4 under leaking joint.
331	4	Conc Bridge Railing	(LF)	264	262	1	1	0	0	CS2: (1 LF) N. barrier w/ delam (8"1 x 7"h) near mdspn. CS3: (1 LF) Outside face of S. barrier w/ horiz crack w/ rust.
381	3	Painted Steel Diaphr	(EA)	33	25	7	1	0	0	CS2: (7 EA) Light freckled rust at end diaph's @ Piers 1 & 2. Peeling paint w/ exp primer to 3rd diaph from Pier 1 in Bay 2 and 2nd diaph from Pier 2 in Bay 3. CS3: (1 EA) Peeling paint w/ rusted base metal in top flange of Bay 3 diaph @ Pier 2.
311	3	Moveable Bearing	(EA)	4	4	0	0	0	0	CS1: (4 EA) Light surface rust along the bottom edge of the sole plate.
313	3	Fixed Bearing	(EA)	4	4	0	0	0	0	CS1: (4 EA) Light surface spot rust and areas of peeling paint.
205	3	R/Conc Column	(LF)	0	0	0	0	0	0	0
210	3	R/Conc Pier Wall	(LF)	8	5	0	3	0	0	CS3: (3 LF) Several cracks in S. face w/ rust. Vert crack w/ rust @ SW corner w/ assoc. large areas of delams. Rust stains from leaking deck joint.
215	2	R/Conc Abutment	(LF)	0	0	0	0	0	0	0
234	3	R/Conc Pier Cap	(LF)	25	18	2	5	0	0	CS2: (2 LF) Incip corner spall in S. end, E. face along bott edge adj to pier stem (24"w x 4"h x 4"dp). CS3: (5 LF) Large delam w/ cr's w/ rust in E. face @ S. end along bottom (38"w x 18"h) and several cracks w/ rust in S. face.
390	2	Reinf Conc Wingwalls	(LF)	0	0	0	0	0	0	0
358	1	Deck Cracking SmFlag	(EA)	0	0	0	0	0	0	0
359	1	Soffit Smart Flag	(EA)	0	0	0	0	0	0	0
362	1	Traf Impact SmFlag	(EA)	0	0	0	0	0	0	0

# DELAWARE DEPARTMENT OF TRANSPORTATION

## Bridge Management Section MultiSpan PONTIS Element Report for Span No. 3

Bridge ID: 1758F6149

Inspection Date: 2/6/2012

Description: Span over DART bus  
parking lot

ELEM	ENV	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4	CS5	COMMENTS
26	4	Conc Deck/Coatd Bars	(SF)	0	0	0	0	0	0	0
65	4	Drainage	(EA)	0	0	0	0	0	0	0
301	4	Pourable Joint Seal	(LF)	0	0	0	0	0	0	0
302	4	Compressn Joint Seal	(LF)	29	0	29	0	0	0	CS2: (29 LF) The joint has evidence of leakage and debris collected along shoulders. Minor edge spalls along adjacent deck edges.
321	4	R/Conc Approach Slab	(EA)	0	0	0	0	0	0	0
107	4	Paint Stl Opn Girder	(LF)	301	280	20	1	0	0	CS2: (20 LF) Very light surface rust @ ends of beams below Pier 2 deck joint and localized very light freckled rust on bottom flanges. CS3: (1 LF) Area of peeled paint w/ exp & rusted steel to BM 1 @ Pier 2.
331	4	Conc Bridge Railing	(LF)	152	152	0	0	0	0	NDN
381	3	Painted Steel Diaphr	(EA)	12	3	9	0	0	0	CS2: (9 EA) Interior diaph's and end diaph's @ Pier 2 have very light spot rust. Peeled paint w/ exp primer to Bay 3 interior diaph.
311	3	Moveable Bearing	(EA)	4	3	1	0	0	0	CS1: (3 EA) Light spot rust along bottom edge of sole plates. Pier 2 brgs are contracted @ 30 degrees CS2: (1 EA) Heavy rust btwn sliding pl & masonry pl @ BMs 1 & 4.
313	3	Fixed Bearing	(EA)	4	4	0	0	0	0	CS1: (4 EA) Very light freckled rust on bearings @ Pier 3 and peeling paint w/ rust to Brgs 1 & 4.
205	3	R/Conc Column	(LF)	0	0	0	0	0	0	0
210	3	R/Conc Pier Wall	(LF)	8	8	0	0	0	0	NDN
215	2	R/Conc Abutment	(LF)	0	0	0	0	0	0	0
234	3	R/Conc Pier Cap	(LF)	29	26	2	1	0	0	CS2: (2 LF) Unsound patch in E. face under BM 3 (24"w x 16"h). CS3: (1 LF) Delam (8" diam) w/ rust in E. face @ Bay 3.
390	2	Reinf Conc Wingwalls	(LF)	0	0	0	0	0	0	0
358	1	Deck Cracking SmFlag	(EA)	0	0	0	0	0	0	0
359	1	Soffit Smart Flag	(EA)	0	0	0	0	0	0	0
362	1	Traf Impact SmFlag	(EA)	0	0	0	0	0	0	0

# DELAWARE DEPARTMENT OF TRANSPORTATION

## Bridge Management Section MultiSpan PONTIS Element Report for Span No. 4

Bridge ID: 1758F6149

Inspection Date: 2/6/2012

Description: Span ends at Pier 1  
which carries dual spans - 1 span  
belongs to adjacent structure

ELEM	ENV	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4	CS5	COMMENTS
26	4	Conc Deck/Coatd Bars	(SF)	0	0	0	0	0	0	0
65	4	Drainage	(EA)	0	0	0	0	0	0	0
301	4	Pourable Joint Seal	(LF)	0	0	0	0	0	0	0
302	4	Compressn Joint Seal	(LF)	0	0	0	0	0	0	0
321	4	R/Conc Approach Slab	(EA)	0	0	0	0	0	0	0
107	4	Paint Stl Opn Girder	(LF)	253	125	125	3	0	0	CS2: (125 LF) Localized areas of light freckled rust along bottom flange of all beams for approx. 50% of length. Peeling paint w/ exp primer to bott fl of Bm 4 @ Pier 3 (Photo 12). CS3: (3 LF) Few small spots of blistering rust @ end of BM 4, u/side bott fl. Peeling paint w/ corroded steel along bott fl of BMs 2 & 5 @ Pier 4.
331	4	Conc Bridge Railing	(LF)	102	101	0	1	0	0	CS3: (1 LF) Small spall w/ exp steel on S. parapet in front of light pole.
381	3	Painted Steel Diaphr	(EA)	20	4	16	0	0	0	CS2: (16 EA) Large areas in u/sides w/ peeling paint exposing primer w/ no rust to many diaph's. Early signs of paint system distress w/ light freckled rust on most other diaph's (Photo 14).
311	3	Moveable Bearing	(EA)	5	5	0	0	0	0	CS1: (5 EA) Light surface spot rust. Good alignment at Pier 3.
313	3	Fixed Bearing	(EA)	5	5	0	0	0	0	CS1: (5 EA) Light surface rust and paint peeling at Pier 4.
205	3	R/Conc Column	(LF)	70	66	2	2	0	0	Shared pier with Bridge 1758H057 (Pier 1 - Col's 3 & 4). CS2: (2 LF) Pier 1, Col 3, E. face w/ delam (22"w x 19"h) @ the base. CS3: (2 LF) Pier 1, Col 4l w/ vert cr's w/ rust and assoc delams (24"h x 4"w) on N. & W. faces.
210	3	R/Conc Pier Wall	(LF)	0	0	0	0	0	0	0
215	2	R/Conc Abutment	(LF)	0	0	0	0	0	0	0
234	3	R/Conc Pier Cap	(LF)	62	22	15	25	0	0	Shared pier with Bridge 1758H057 (Pier 1) (Photo 16). CS2: (15 LF) 1/16" to 1/8" wide cracks thruout Pier 1, some w/ efflo, some w/ assoc delams or open spalls. Delams w/ assoc 1/16" to 1/8" wide cracks on S. o/hang u/side (21"l x 4"w) and E. face w/ delam under Bay 6 @ top (24"l x 4"h). CS3: (25 LF) HL cracks w/ rust stains thruout. Pier 1 w/ spall w/ exp steel and assoc. delams @ W. face under BM 8 (28" x 24" x 2"dp). 1/8" wide horiz cr w/ assoc delams on S. o/hang u/side w/ assoc spall (18"w x 3"l) and unsound patch (24" x 6"h x 6"w). Bott of W. face btwn Col's w/ cracked and unsound patch w/ rust (28"l x 8"w x 6"h) and E. face under BM 9 w/ cracks w/ rust w/ assoc delam (34"l x 28"h) and spall (20"w x 12"h x 2"dp).
390	2	Reinf Conc Wingwalls	(LF)	0	0	0	0	0	0	0
358	1	Deck Cracking SmFlag	(EA)	0	0	0	0	0	0	0
359	1	Soffit Smart Flag	(EA)	0	0	0	0	0	0	0
362	1	Traf Impact SmFlag	(EA)	0	0	0	0	0	0	0







1. East approach roadway, looking West



2. Southeast Elevation, looking Northwest



3. General view of the underside, Span 1, looking Northeast



4. Under Record, Span 2 over Adams St, looking North



5. Under Record, Span 2 over Adams St, looking South



6. Under Record, Span 2 over Lancaster Ave, looking West





7. Under Record, Span 2 over Lancaster Ave, looking East



8. Typical deck joint and spalls along the adjacent deck, Pier 2, looking Southeast



9. Spalls to the abutment header, looking Southeast



10. Deteriorated relief joint in southwest approach roadway, looking Southeast



11. Typical soffit spall, South overhang at Pier 3 in Span 4



12. Peeling paint with exposed primer to the bottom flange of Beam 4, Span 4 at Pier 3





13. Scrape marks in underside of Beam 4 in Span 4



14. Peeling paint with exposed primer to the bottom flanges of diaphragms in Span 4



15. Cracks with rust stains in the Southeast face of Pier 1, looking North



16. Span 4, general view of the shared pier with Bridge 1758H057, looking East



**UNDER RECORD****For  
Bridge: 1758F6149****IDENTIFICATION**

Bridge ID: 1758F6149	(2) District: 01	(3) County: 3
Inventory Route:		
(A) On/Under: A	(B) Highway Type: 3	(C) Service Lvl: 1
(D) Route No: 00048		11) Mile Pt: 9.22 mi
6A) Features Intersected: MLK BLVD & ADAMS ST		6B) Critical:
16) Latitude: 39^44'29.15"	17) Longitude: 75^33'40.13"	

**AGE AND SERVICE**

19) Detour Length: 0 mi	27) Year Built: 1979	
28) No. of Lanes:	A) On Bridge: 2	B) Under Bridge: 4
29) ADT: 30195	30) Year of ADT: 2011	109) % Truck ADT: 6

**CLASSIFICATION**

20) Toll Facility: 3		
26) Functional Class: 14	37) Historical: 5	100) Defense Highway: 0
102) Direction: 1	103) Temp. Str.:	104) NHS: 1
110) Nat. Truck Network: 0		

**GEOMETRIC DATA**

10) Clearances - Vertical:: 18.3 ft		
42) Type of Service:	A) On Bridge: 1	B) Under Bridge: 1
43A) MAIN SPAN MATERIAL: 3		43B) DESIGN TYPE: 02
47) Inv. Route - Horiz. Clearance: 36.0 ft		
48) Length Maximum Span: 135.0 ft	49) Structure Length: 362.2 ft	

**UNDER RECORD SKETCH**

**UNDER RECORD****For  
Bridge: 1758F6149****IDENTIFICATION**

Bridge ID: 1758F6149	(2) District: 01	(3) County: 3
Inventory Route:		
(A) On/Under: B	(B) Highway Type: 5	(C) Service Lvl: 1
(D) Route No: 00505		11) Mile Pt: 0.00 mi
6A) Features Intersected: MLK BLVD & ADAMS ST		6B) Critical:
16) Latitude: 39^44'29.15"	17) Longitude: 75^33'40.13"	

**AGE AND SERVICE**

19) Detour Length: 0 mi	27) Year Built: 1979	
28) No. of Lanes:	A) On Bridge: 2	B) Under Bridge: 4
29) ADT: 7793	30) Year of ADT: 2011	109) % Truck ADT: 5

**CLASSIFICATION**

20) Toll Facility: 3		
26) Functional Class: 17	37) Historical: 5	100) Defense Highway: 0
102) Direction: 1	103) Temp. Str.:	104) NHS: 0
110) Nat. Truck Network: 0		

**GEOMETRIC DATA**

10) Clearances - Vertical:: 18.2 ft		
42) Type of Service:	A) On Bridge: 1	B) Under Bridge: 1
43A) MAIN SPAN MATERIAL: 3		43B) DESIGN TYPE: 02
47) Inv. Route - Horiz. Clearance: 36.0 ft		
48) Length Maximum Span: 135.0 ft	49) Structure Length: 362.2 ft	

**UNDER RECORD SKETCH**

# AECOM

SUBJECT

ILLUMINATION BLVD TO I-95 SB  
OVER  
FRONT STREET & ADAMS STREET

SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_

JOB NO. \_\_\_\_\_

BY: DJR DATE: 2/1/2010

BY: DJA DATE: 2/6/2012

BMS NO.

1758 F 6149

AECOM No. 2010-32

DISTRICT DeLDot

DART  
PARKING

PIER 2

12.3'

MLK JR BLVD.

ADAMS STREET



- ① 19'-10 1/8"
- ② 18'-9 5/8"
- ③ 18'-0 3/8"
- ④ 18'-4 5/8"
- ⑤ 17'-3 3/8" ✓
- ⑥ 16'-6 1/4" ✓

- ⑦ 15'-5 1/4" ✓
- ⑧ 16'-1 1/4"
- ⑨ 17'-0 5/8"
- ⑩ 18'-2 3/4"
- ⑪ 19'-4 1/4" TO DIAPH BORT
- ⑫ 20'-11 1/4"

13.0'

PIER 1

14.5'