



February 26, 2013

Honorable Albert J. Scott, Chairman
Chatham County Board of Commissioners
P.O. Box 8161
Savannah, Georgia 31412

Dear Commissioner Scott:

A re-inspection of your County and Federal Aid Secondary bridges has been completed. This re-inspection will maintain your County's Compliance with the Federal Law and Regulations requiring all public bridges be inspected biennially. Only bridges as set forth in the Federal Regulations were inspected. A bridge is defined as a structure including supports erected over a depression or an obstruction, such as water, highways, or railways, and having a track or passageway for carrying traffic or other moving loads and having an opening measured along the center of the roadway of more than twenty feet between undercopings or abutments or spring lines including multi-pipes, where the clear distance between openings is less than half of the smaller contiguous opening.

Attached is a report reflecting the results of the above inspection. It is the responsibility of the county government to forward a copy of this report to local municipalities for bridges owned and maintained by city governments within the county boundaries. It is also the responsibility of the county government to advise local school boards of the location of all bridge structures in the county that have load restrictions. This report briefly advises you of the condition of your bridge structures and notes which structures should be posted with load limit signs and which ones should be closed to traffic if conditions do not meet minimum standards according to Federal Law. Those structures requiring posting or closure have been identified within the text with an asterisk (*). It is extremely important that the local jurisdiction comply with Federal Posting and Closing Regulations. Counties not in compliance will not have any projects authorized that utilize federal highway funds until compliance with these regulations has been obtained.

Attached to the report is a copy of the Structure Inventory and Appraisal (SI&A) sheet for each structure in the report. This sheet contains additional information that is not necessarily contained in this written report such as whether or not the bridge rails meet current standards and if delineation signs are present. A Posting Summary sheet of all the structures that require posting showing their load carrying capacities has also been included. Attached to the Posting Summary sheet, you will find a drawing of two load limit signs and a drawing of required bridge closing methods. The R12-1 (Type A) sign is for gross load posting while the R12-5 modified (Type B) sign is for multi-posting. Please note that all structures requiring closing must be properly closed in accordance with the attached methods.

Please note that on the Posting Summary sheet, all bridges marked with a plus sign (+) are presently not posted and require posting. On the same summary sheet, all bridges marked with a pound symbol (#) are presently posted with an inappropriate sign and should be re-posted with a proper type sign and/or proper load limits. The load limit will be in the appropriate column, depending on the type sign recommended. **Posting or closing may require the rerouting of school buses. It is the responsibility of the driver of the school bus, as with**

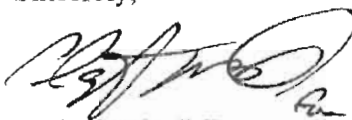
all Commercial Drivers License (CDL) holders, to abide by all applicable laws regarding load restrictions on any bridge structure.

Assistance in the rehabilitation or replacement of deficient bridges may be obtained through the Local Maintenance and Improvement Grant Program (LMIG). This assistance can include funds for all materials needed to replace or repair drainage structures and bridges. For information on this program, see the website at: <http://www.dot.ga.gov/localgovernment/FundingPrograms/LMIG/Pages/default.aspx> or contact the Local Grants Office at (404) 347-0240.

All structural calculations are based on the inventory stress level. This is the normal design criterion and includes a reasonable factor of safety. Loads exceeding those allowed at the inventory stress level can be applied on an occasional basis without seriously damaging the structure but the operating rating (at the higher operating stress level) should generally not be exceeded without a detailed structural analysis.

The "Recording and Coding Guide for the Structure Inventory and Appraisal of the Nation's Bridges", Report No. FHWA-PD-96-001, may be found at <http://www.fhwa.dot.gov/bridge/mtguide.pdf>. This report will assist with interpretation of the Structure Inventory and Appraisal sheets, attached. If you have specific questions concerning any of the structures in this report, please contact Mr. Bob O'Daniels, of my office, at (404) 635-2880.

Sincerely,



Andy Doyle, P.E.
State Bridge Maintenance Engineer

JAD/hp
Enclosures

cc: Dr. Thomas Lockamy Jr., Superintendent, Chatham County Board of Education
Herman Mattox, Road Superintendent
Karon Ivery, District Engineer, District 5, Jesup (via email)
Troy Pittman, Area Engineer, District 5, Area 5, Savannah (via email)
David Huff, State Aid (via email)
Kevin Sharpe, Bridge Inspection Supervisor (via email)
File

Georgia Department of Transportation

Posting Summary for Chatham County

	LOCATION ID	STRUCTURE ID	ACTION	H TRUCK	TYPE-3 TRUCK	TIMBER TRUCK	HS TRUCK	3S2 TRUCK
+ B	051-04010M-000.71N	051-0148-0	POST FOR	11	13	16		21
B	051-04077M-005.95E	051-0134-0	POSTED	17	17	24	21	
B	051-00004X-000.84N	051-5001-0	POSTED	18	19	26		
B	051-00113X-000.41E	051-5006-0	POSTED	10	13	18	16	20
B	051-00117X-000.06E	051-5007-0	POSTED	10				
B	051-01467X-000.32W	051-5019-0	POSTED	11	14	18		21

Bridge Posted incorrectly, Reposting required

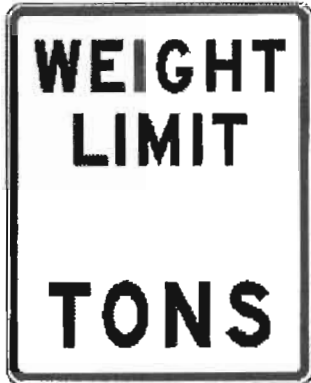
+ Bridge not Posted, Posting Required

B Bridge located on an identifying School Bus Route

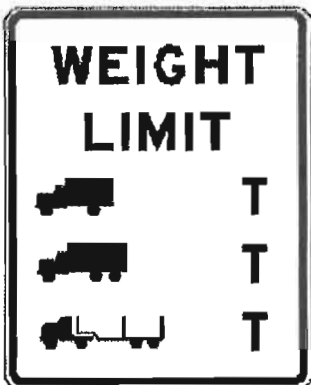
Please indicate which alternate closing method the county uses to close a structure.

Note: It is recommended that advanced weight limit signs be placed.

Georgia Weight Limit Signs



R12-1
GROSS WEIGHT LIMIT SIGN
(Type A)



MODIFIED R12-5
WEIGHT LIMIT SYMBOL SIGN
(Type B)



HS-TRUCK

(Add as required)



3S2

(Add as required)



PIGGYBACK

(Add as required)

LOCALLY OWNED FEDERAL AID ROUTE BRIDGE INSPECTIONS:

STRUCTURE ID 051-0155-0 / LOCATION ID 051-02773F-006.06N

FAS Route 2773, CR 772, Little Neck Road over Little Ogeechee Pond

This bridge structure is in good condition. However, spalls in the deck along the longitudinal joints should be repaired. The deck joints have failed and should be cleaned and sealed. Dirt and debris in the deck gutters should also be removed to allow proper drainage of the deck. The approach roadway should be leveled with the deck to reduce impact forces on the structure. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-5011-0 / LOCATION ID 051-04001M-002.81E

FAM Route 4001, CS 1144, Montgomery Cross Road over Harmon Canal

This bridge culvert is in good condition with no reported deficiencies.

STRUCTURE ID 051-0139-0 / LOCATION ID 051-04001M-005.99E

FAM Route 4001, CR 302, Montgomery Cross Road over Casey Canal

This bridge culvert is in satisfactory condition with no reported structural deficiencies. Erosion extends 3 feet under the eastern approach roadway and should be immediately repaired. The approach roadway has also settled over a utility and should be leveled.

STRUCTURE ID 051-5029-0 / LOCATION ID 051-04001M-006.00E

FAM Route 4001, CR 302, Montgomery Cross Road over Casey Canal

This bridge structure is in good condition. However, erosion beneath the caps of both abutments should be repaired. Collision damage to the approach guardrail should also be repaired.

STRUCTURE ID 051-0140-0 / LOCATION ID 051-04001M-008.80E

FAM Route 4001, CR 779, Laroach Road over Shipyard Creek

This concrete bridge structure is in good condition. However, the deck joints have failed and should be cleaned and sealed. Dirt and debris in the deck gutters and catch basins should be removed to allow proper drainage of the deck. Erosion behind the left spillway at the west end of the structure should also be repaired. Extensive vegetation around the structure should be cut and removed. Bent 4 pile 5 has cracks present and should be sealed.

STRUCTURE ID 051-0141-0 / LOCATION ID 051-04003M-002.80W

FAM Route 4003, CS 1150, Willshire Boulevard over Harmon Canal

This concrete bridge structure is in good condition. However, exposed reinforcement steel in the beams should be cleaned and repaired to prevent corrosion. Small shear cracks in the bearing areas of the beams should also be monitored for signs of further deterioration.

STRUCTURE ID 051-5079-0 / LOCATION ID 051-04003M-002.90W

FAM 4003, CS 1150, Willshire Blvd. Over Harman Canal

This concrete bridge structure is in good condition with no reported deficiencies.

STRUCTURE ID 051-0142-0 / LOCATION ID 051-04004M-001.50N

FAM Route 4004, CS 1152, White Bluff Road over Vernon River Tributary

This concrete bridge structure is in good condition. However, moderate cracks in the concrete intermediate bent should be cleaned and sealed to protect the steel reinforcement from corrosion. Erosion along the channel banks should be repaired. Dirt and debris in the deck gutters should also be removed to allow proper drainage of the deck.

STRUCTURE ID 051-5030-0 / LOCATION ID 051-04004M-004.43N

FAM Route 4004, CS 1152, White Bluff Road over Harmon Creek

This bridge culvert is in good condition with no reported deficiencies.

STRUCTURE ID 051-0143-0 / LOCATION ID 051-04004M-004.50N

FAM Route 4004, CS 1152, White Bluff Road over Harman Canal

This concrete bridge structure is in good condition with no reported deficiencies.

STRUCTURE ID 051-5077-0 / LOCATION ID 051-04005M-003.65S

CS 1154, Waters Avenue Over Casey Canal

This concrete bridge culvert is in good condition reported deficiencies.

STRUCTURE ID 051-0145-0 / LOCATION ID 051-04006M-001.05E

FAM Route 4006, CR 775, Shipyard Road over Shipyard Creek

This concrete bridge structure is in satisfactory condition. The exposed steel strand ends in the outside beams at bents #2 and #3 should be sealed to prevent further corrosion.

***STRUCTURE ID 051-0148-0 / LOCATION ID 051-04010M-000.71N**

FAM Route 4010, CS 1148, Atwood Street over East Chippewa

At the present time, Post this structure for 11 Tons H-Truck; 13 Tons Type 3 Truck; 16 Tons Timber Truck and 21 Tons Type 3S2 Truck.

This structure requires posting due to the low original design capacity. A replacement structure is required to upgrade the load carrying capacity to a point where posting is no longer required. The following maintenance is recommended to maintain this structure at the current rating. This concrete bridge structure is in good condition. However, erosion beneath the caps of both abutments and under the approach slabs should be repaired. ***At the time of the inspection, the posting signs was missing and is not considered as posted. This sign must be replaced.***

STRUCTURE ID 051-5025-0 / LOCATION ID 051-04013M-001.81E

FAM Route 4013, CS 1415, Eisenhower Drive over Casey Canal

This concrete bridge structure is in good condition. However cracks in the asphalt riding surface should also be sealed. The accumulated debris at pile #1 of bent #2 should be removed to prevent localized scour damage.

STRUCTURE ID 051-5035-0 / LOCATION ID 051-04023M-002.35E

FAM Route 4023, CR 777, Burkhalter Road over CR 975, SW Bypass

This concrete bridge structure is in good condition. However, erosion around the east abutment should be repaired. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-0068-0 / LOCATION ID 051-04025M-000.83N

FAM Route 4025, CS 1505, Mills Lane over SCL Railroad

This structure requires posting due to insufficient flexural capacity of the steel superstructure. A replacement structure is required to upgrade this structure to a point where posting is no longer required. The following maintenance recommendations are provided to maintain this structure at the current rating. This bridge structure is in fair condition. The steel beams are corroded and exhibit signs of section loss. The beams should be cleaned, coverplated in areas of section loss and painted. Spalling of the deck at bent #3 and cracks and spalls in the cap at bent #4 should also be repaired. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance. Erosion in the vicinity of the northern abutment should be repaired as well. *At the time of inspection, posting signs on both ends of the structure were missing. These signs are required and must be replaced.*

STRUCTURE ID 051-5038-0 / LOCATION ID 051-04030M-000.39N

FAM Route 4030, CR 781, Chatham Parkway over CR 975 - Southwest Bypass

This concrete bridge structure is in good condition. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-5041-0 / LOCATION ID 051-04030M-000.73N

FAM Route 4030, CR 781, Chatham Parkway over CSX Railroad

This concrete bridge structure is in good condition. However, dirt and debris in the catch basins should be removed to allow proper drainage of the deck. Spalls of the end wall at the southern abutment should be repaired as well. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-0159-0 / LOCATION ID 051-04030M-001.04N

FAM Route 4030, CR 781, Chatham Parkway over Ogeechee River Tributary

This bridge culvert is in good condition. However, silt in both barrels should be removed to allow proper stream flow through the structure. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-0150-0 / LOCATION ID 051-04032M-003.00E
FAM Route 4032, CR 680, Louisville Road over Springfield Canal

This bridge structure is in poor condition. Beams #1, #6, and #7 have severe section loss in the exposed bottom flanges near the bearing areas. These areas should be cleaned and cover-plated. The steel beams and metal bridge railing throughout the structure should then be cleaned and painted. Areas of exposed reinforcement steel on the underside of the deck should also be cleaned and repaired to prevent corrosion. Erosion problems at the right end of the east abutment should be repaired as well.

STRUCTURE ID 051-0162-0 / LOCATION ID 051-04034M-002.41N
FAM Route 4034, CR 1428, Lathrop Avenue under CSX Railroad

This railroad structure has been inspected for clearance purposes only. Inspection of the structural components is the responsibility of the owner. The minimum vertical clearance beneath the structure is substandard and requires posting. Our records indicate the minimum vertical clearance to be 13'-06". The county should verify this clearance and post this structure in accordance with the Manual on Uniform Traffic Control Devices (current edition) Low Clearance Sign. At the time of inspection the vertical clearances over the roadway were adequately posted.

STRUCTURE ID 051-5032-0 / LOCATION ID 051-04036M-000.59W
FAM Route 4036, CS 275, 52nd Street over CR 1148 and Casey Canal

This concrete bridge structure is in good condition. However, settlement in the sidewalks at the east end of the structure should be repaired. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-0161-0 / LOCATION ID 051-04037M-000.38E
FAM Route 4037, CR 1097, Delessops Drive over CR 1148 and Casey Canal

This concrete bridge structure is in good condition. However, the deck joints throughout the structure have failed and should be cleaned and sealed. The curb and sidewalk at the eastern end of the structure are also cracked and should be repaired.

STRUCTURE ID 051-0160-0 / LOCATION ID 051-04048M-000.82E
FAM Route 4048, CS 678, Henry Street under CSX Railroad

This railroad structure has been inspected for clearance purposes only. Inspection of the structural components is the responsibility of the owner. The minimum vertical clearance beneath the structure is substandard and requires posting. Our records indicate the minimum vertical clearance to be 13'-06". The county should verify this clearance and post this structure in accordance with the Manual on Uniform Traffic Control Devices (current edition) Low Clearance Sign. At the time of inspection the vertical clearances over the roadway were adequately posted.

STRUCTURE ID 051-0137-0 / LOCATION ID 051-04067M-007.20N
FAM Route 4067, CR 773, Rodgers Street over Harden Canal

This concrete bridge structure is in good condition. However, erosion under both abutment caps and under the approach slabs should be repaired. The deck joints have failed and should be cleaned and sealed. Debris accumulated beneath the structure and in the bridge gutters should also be removed to allow proper drainage of the deck.

STRUCTURE ID 051-5026-0 / LOCATION ID 051-04073M-001.17E
FAM Route 4073, CS 1093, Gwinnett Street under CSX Railroad

This railroad structure has been inspected for clearance purposes only. Inspection of the structural components is the responsibility of the owner. The minimum vertical clearance beneath the structure is substandard and requires posting. Our records indicate the minimum vertical clearance to be 13'-07". The county should verify this clearance and post this structure in accordance with the Manual on Uniform Traffic Control Devices (current edition) Low Clearance Sign. At the time of inspection the vertical clearances over the roadway were adequately posted.

***STRUCTURE ID 051-0134-0 / LOCATION ID 051-04077M-005.95E**
FAM Route 4077, CR 148, Walthour Road over Betz Creek

At the present time, Post this structure for 17 Tons H-Truck; 17 Tons Type 3 Truck; 24 Tons Timber Truck and 21 Tons HS-Truck.

This structure requires posting due to insufficient shear capacity of the concrete superstructure. A replacement structure is required to upgrade the load carrying capacity to a point where posting is no longer required. The following maintenance is recommended to maintain this structure at the current rating. This concrete bridge structure is in fair condition. Beams #1, #2 and #4 in span #2 and cap are cracked and should also be cleaned and sealed. The deck joints have failed and should be cleaned and sealed as well.

STRUCTURE ID 051-0057-0 / LOCATION ID 051-04079M-001.44N
FAM Route 4079, CS 1504, Gwinnett Street over Springfield Canal

This bridge culvert is in satisfactory condition. Erosion at the wing walls should be repaired to prevent loss of fill and possible damage to the roadway. The corrugated metal pipe exhibit signs of corrosion with minor section loss. These pipes should be cleaned and painted.

STRUCTURE ID 051-0151-0 / LOCATION ID 051-04079M-002.39N
FAM Route 4079, CS 1504, West Boundary Street under SCL Railroad

This railroad structure has been inspected for clearance purposes only. Inspection of the structural components is the responsibility of the owner. The minimum vertical clearance beneath the structure is substandard and requires posting. Our records indicate the minimum vertical clearance to be 14'-01". The county should verify this clearance and post this structure in accordance with the Manual on Uniform Traffic Control Devices (current edition) Low Clearance Sign. At the time of inspection the vertical clearances over the roadway were adequately posted.

STRUCTURE ID 051-0152-0 / LOCATION ID 051-04079M-002.46N

FAM Route 4079, CS 1504, West Boundary Street under SCL Railroad

This railroad structure has been inspected for clearance purposes only. Inspection of the structural components is the responsibility of the owner. The minimum vertical clearance beneath the structure is substandard and requires posting. Our records indicate the minimum vertical clearance to be 13'-10". The county should verify this clearance and post this structure in accordance with the Manual on Uniform Traffic Control Devices (current edition) Low Clearance Sign. At the time of inspection the vertical clearances over the roadway were adequately posted.

LOCALLY OWNED BRIDGE INSPECTIONS:

***STRUCTURE ID 051-5001-0 / LOCATION ID 051-00004X-000.84N**

CR 4, Oleary Road over Black Creek

At the present time, Post this structure for 18 Tons H-Truck; 19 Tons Type 3 Truck and 26 Tons Timber Truck.

This structure requires posting due to insufficient shear capacity of the concrete superstructure. A replacement structure is required to upgrade the load carrying capacity to a point where posting is no longer required. The following maintenance is recommended to maintain this structure at the current rating. This bridge structure is in good condition. However, the deck joints have failed and should be cleaned and sealed. Dirt and debris in the deck gutters should also be removed to allow proper drainage of the deck. Several timber block outs in the approach guardrail are decayed and should be replaced as well. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-5002-0 / LOCATION ID 051-00030X-000.37N

CR 30, Adams Road over Pipemaker Canal

This bridge culvert is in good condition with no serious reported structural defects. However, erosion at the southern end of the structure and the northern end behind the wing wall area should be repaired.

STRUCTURE ID 051-5003-0 / LOCATION ID 051-00033X-001.93S

CR 33, Osteen Road over Little Ogeechee River

This concrete bridge structure is in satisfactory condition. Spalls in the deck along the longitudinal joints should be repaired. Spalls in beam #8 of span #2, have exposed the steel pre-stressing strands and should be repaired. The deck joints have failed and should be cleaned and sealed. Dirt and debris in the deck gutters and trash in the waterway should be removed to allow proper drainage of the deck. Several timber block outs in the approach guardrail are decayed and should also be replaced. Extensive vegetation around the structure should be cut and removed to allow proper water flow.

***STRUCTURE ID 051-5006-0 / LOCATION ID 051-00113X-000.41E**

CR 113, Hunt Road over Moon River Tributary

At the present time, Post this structure for 10 Tons H-Truck; 13 Tons Type 3 Truck; 18 Tons Timber Truck; 16 Tons HS-Truck and 20 Tons Type 3S2 Truck.

This structure requires posting due to the low original design capacity. A replacement structure is required to upgrade the load carrying capacity to a point where posting is no longer required. The following maintenance is recommended to maintain this structure at the current rating. This bridge structure is in poor condition due to cracking of the substructure. These cracks have been repaired by the county and should be monitored for signs of deterioration. Spalling of the beams in spans #2 and #3, as well as the cap at bents #2 and #3, should be sealed.

***STRUCTURE ID 051-5007-0 / LOCATION ID 051-00117X-000.06E**

CR 117, Faye Road over Moon River Tributary

Post for 10 Tons, Type A Sign.

This structure requires posting due to the low design capacity of the concrete deck slabs and the misalignment of the superstructure bearing area in relation to the concrete caps. A replacement structure is required to upgrade the load carrying capacity to a point where posting is no longer required. This bridge structure is in fair condition with no other reported deficiencies.

STRUCTURE ID 051-5008-0 / LOCATION ID 051-00119X-000.36E

CR 119, Sullivan Road over Mercer Inlet

This concrete bridge structure is in good condition. However, the deck joints have failed and should be cleaned and sealed. All pile at bent #3,4,5 and 6, pile # 2 at bent # 8 are cracked and should also be cleaned and sealed.

STRUCTURE ID 051-5009-0 / LOCATION ID 051-00145X-000.82E

CS 145, West River Street over Springfield Canal

This concrete bridge structure is in good condition. However, dirt and debris in the deck gutters should be removed to allow proper drainage of the deck. The asphalt overlay is cracking along the longitudinal joints and should be cleaned and sealed and the asphalt repaired.

STRUCTURE ID 051-5013-0 / LOCATION ID 051-00177X-001.00N

CR 177, Oatland Island Road over Richardson Creek

This concrete bridge structure is in good condition. However, spalls in the deck of spans #2 and #3 should be repaired to protect the exposed reinforcement from corrosion. Erosion at the northern end of the structure should also be repaired with a properly designed spillway. Spall at bent 3 cap right side that has exposed rebar with section loss and should be cleaned and sealed.

STRUCTURE ID 051-5015-0 / LOCATION ID 051-00230X-000.68S

CR 230, Catalina Road over Sazarine Creek

This bridge structure is in good condition. However, the longitudinal and transverse deck joints have failed and should be cleaned and sealed. Spalls in the concrete deck surface, curbs, beam in span #4, and in all edge beams should be repaired to protect the exposed steel reinforcement. Cap cracking at bent #2 and spalls at bents #3 and #4 should also be repair. Erosion under both abutments should be repaired.

STRUCTURE ID 051-5031-0 / LOCATION ID 051-00409X-000.53E

CS 409, Reuben Clark Street over CR 1148 - Truman Parkway and Casey Canal

This concrete bridge structure is in good condition. However, the deck joints have failed and should be cleaned and sealed. One of the rear sidewalks has settled 1.0 inches and should be repaired as well.

STRUCTURE ID 051-0131-0 / LOCATION ID 051-00787X-001.16E

CR 787, East President Street over Kayton Canal

This concrete bridge structure is in good condition. The deck joints have failed and should be cleaned and sealed. Spalls in the concrete utility supports at the water line should also be repaired. Left forward approach has major wash under it and water main under bridge at rear approach is leaking and starting to wash under rear approach.

STRUCTURE ID 051-0132-0 / LOCATION ID 051-00787X-003.47E

CR 787, Island Expressway (EBL) over Wilmington River

This trunnion bascule is in fair condition and exhibits signs of normal age deterioration. All bull shafts exhibit signs of wear and should be monitored for further signs of deterioration. All bull gear split bearings should be tightened. The lock in the center span is in need of a shim. One of the bolts on the south lock and a bolt on the yoke seal are loose and should be tightened. The steel components throughout the structure are also corroded and should be cleaned and painted. All gears should be greased. The deck joints throughout the structure have failed and should be cleaned and sealed. Trapped dirt and debris should be removed from all main span areas. The concrete deck surface has several pop outs which should be repaired. Cracks and/or spalls should also be repaired in the pile caps at bents #3, #5-#8, and #10. All damaged ends of beams and diaphragms should be repaired. Several spans have spalls with exposed reinforcing steel in the overhang sections which should be repaired. The East side tower allows excessive movement of bottom plates because of the necessity of lowering the span visually due to faulty limit switches. The fender systems on both sides of the river should also be repaired. Erosion problems beneath the cap at the eastern abutment should be repaired as well and the debris accumulated beneath the eastern end of the structure removed.

STRUCTURE ID 051-5027-0 / LOCATION ID 051-00787X-003.48E

CR 787, Island Expressway (WBL) over Wilmington River

This trunnion bascule is in fair condition with normal age deterioration. The center span locks are loose and should be repaired. All gears should be greased. All bull gear shafts exhibit signs of wear and should be monitored for signs of further deterioration. The buffers at the east end should be repaired as well. The navigational lights on the center of the lift span are missing and should be replaced. The structural steel exhibits signs of corrosion and should be cleaned and painted. The fender system is in need of extensive repair. The left sidewalk at the east end of the structure is also in need of repair and cracks in the caps at bents #4, #5 and #6 should be repaired. The deck joints have failed and should be cleaned and sealed.

STRUCTURE ID 051-0133-0 / LOCATION ID 051-00787X-005.57E

CR 787, Island Expressway over Richardson Creek

This concrete bridge structure is in satisfactory condition. Erosion and settlement under both abutment caps should be repaired. An underwater inspection of this structure found cracks and spalls in pile #7 at bent #3; piles #5 and #6 at bent #4; piles #5, #7 and #9 at bent #5; and piles #5 thru #9 and #18 thru #20 at bent #6. Additionally, piles #6 and #8 at bent #2; piles #5, #9, and #14 at bent #3; piles #7 and #9 at bent #4; pile #6 at bent #5; and piles #2 and #15 at bent #6 are cracked. All cracks should be cleaned and sealed. The deck joints through out the structure have failed and should be cleaned and sealed. Extensive vegetation around the structure should also be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-5069-0 / LOCATION ID 051-00810X-000.36W

CR 810, Pine Meadow Drive over Ogeechee Canal Trib.

This bridge culvert is in good condition with no reported deficiencies.

STRUCTURE ID 051-5058-0 / LOCATION ID 051-00975X-000.04N

CR 975, SW Bypass (NBL) over Forest River Tributary

This concrete bridge structure is in good condition. However, the deck joints have failed and should be cleaned and sealed.

STRUCTURE ID 051-5059-0 / LOCATION ID 051-00975X-000.05N

CR 975, SW Bypass (SBL) over Forest River Tributary

This concrete bridge structure is in good condition. However, the deck joints have failed and should be cleaned and sealed.

STRUCTURE ID 051-5036-0 / LOCATION ID 051-00975X-001.02N

CR 975, Southwest Bypass (NBL) over Little Ogeechee River and CSX Railroad

This concrete bridge structure is in good condition. Several beam ends have spalled exposing the prestressed cables, which should be sealed. Beam #2 at bent #2; beams #1 and #5 at bent #3; beams #2 and #3 at bent #4, beam #1 at bent #5, beams #1, #4 and #5 at bent 7, and beams #1, #4 and #5 at bent 8 are cracking and should be monitored for signs of further deterioration. Beam #5 in span #10 has a repair that has failed and should be repaired again. The caps at bents #3, #5 and #8 should also be cleaned. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-5037-0 / LOCATION ID 051-00975X-001.03N

CR 975, Southwest Bypass (SBL) over Little Ogeechee River and CSX Railroad

This concrete bridge structure is in good condition. Several prestressed beams have spalled on the ends exposing the reinforcing steel and should be sealed. Several beams have vertical cracking in the bottom flange that should be monitored. Beam #5 in span #8 and beam #3 in span #10 are cracked and should be sealed. The caps at bents #3, #5, #9 and #12 should be cleaned. The catch basins are clogged and should also be cleaned. The cap at bent #2 is cracked and should be sealed as well. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-5039-0 / LOCATION ID 051-00975X-005.21N
CR 975, Southwest Bypass (NBL) over CR 777, Garrard Avenue

This concrete bridge structure is in good condition. However, the deck joints have failed and should be cleaned and sealed. Dirt and debris in the deck gutters and catch basins should also be removed to allow proper drainage of the deck. Erosion in the vicinity of one of the northern catch basins should be repaired as well. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance. Erosion at right southern approach slab should be repaired.

STRUCTURE ID 051-5040-0 / LOCATION ID 051-00975X-005.22N
CR 975, SW Bypass (SBL) over CR 777, Garrard Avenue

This concrete bridge structure is in good condition. However, dirt and debris in the deck gutters and catch basins should be removed to allow proper drainage of the deck. Vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-5050-0 / LOCATION ID 051-00984X-002.10E
CR 984, Jimmy Deloach Parkway over Pipemaker Canal Tributary

This concrete bridge structure is in good condition. However, erosion that is undermining the approach slab at the west end of the structure should be repaired. Dirt and debris in the deck gutters should be removed to allow proper drainage of the deck. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-5051-0 / LOCATION ID 051-00984X-006.65E
CR 984, Jimmy Deloach Parkway over Walthour Swamp

This concrete bridge structure is in good condition. Dirt and debris in the deck gutters should be removed to allow proper drainage of the deck. Extensive vegetation around the structure should be cut to provide a safe driving environment.

STRUCTURE ID 051-5052-0 / LOCATION ID 051-00984X-006.80E
CR 984, Jimmy Deloach Parkway over CSX Railroad

This concrete bridge structure is in good condition.

STRUCTURE ID 051-5053-0 / LOCATION ID 051-00984X-007.55E
CR 984, Jimmy Deloach Parkway over CSX Railroad

This concrete bridge structure is in good condition. However, the deck joints have failed and should be cleaned and sealed. Debris on deck should be removed.

STRUCTURE ID 051-0081-0 / LOCATION ID 051-01143X-002.35E

CR 1143, Johnny Mercer Boulevard over Turner Creek

This concrete bridge structure is in good condition. Cracks and spalls with exposed reinforcing steel throughout the old substructure units should be repaired to protect the reinforcement steel from corrosion. Spalls at the ends of several prestressed concrete beams should be repaired to protect the exposed tensioning strands. The caps at bents #5, #17 and #20 are cracked and should also be repaired. The bearings are corroded and should be cleaned and painted. Debris should be cleaned off of the caps and bearings at bents #2, #8, #9, #14, #16, #18, and #20 to prevent further corrosion of the bearings. Dirt and debris in the deck gutters and catch basins should also be removed to allow proper drainage. Several whalers and piles in the fender system are rotten and should be scheduled for replacement. The western approach has a large void under the pavement which should be repaired. Erosion of the end fills at both abutments should be repaired as well. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-5074-0 / LOCATION ID 051-01148X-001.81N

CR 1148 Truman Parkway over Montgomery Cros

This concrete bridge structure is in good condition with no reported deficiencies. 2012 inspection no change.

STRUCTURE ID 051-5075-0 / LOCATION ID 051-01148X-001.82N

CR 1148 Truman Parkway over Montgomery Cros

This concrete bridge structure is in good condition with no reported deficiencies.

STRUCTURE ID 051-5064-0 / LOCATION ID 051-01148X-004.25N

CR 1148, Truman Parkway over Eisenhower Road

This bridge structure is in good condition with no reported deficiencies.

STRUCTURE ID 051-5065-0 / LOCATION ID 051-01148X-004.26N

CR 1148, Truman Parkway over Eisenhower Road

This bridge structure is in good condition with no reported deficiencies.

STRUCTURE ID 051-5068-0 / LOCATION ID 051-01148X-004.76N

CR 1148, Truman Parkway over Casey Canal Trib.

This bridge culvert is in good condition with extensive vegetation around the structure should be cut and removed to allow proper water flow.

STRUCTURE ID 051-5066-0 / LOCATION ID 051-01148X-006.50N

CR 1148, Truman Parkway over DeRenne Avenue

This bridge structure is in good condition. However, the deck joint at the northern abutment has failed and should be cleaned and sealed.

STRUCTURE ID 051-5067-0 / LOCATION ID 051-01148X-006.51N

CR 1148, Truman Parkway over DeRenne Avenue

This bridge structure is in good condition. However, the deck joints have failed and should be cleaned and sealed.

STRUCTURE ID 051-5044-0 / LOCATION ID 051-01148X-009.37N

CR 1148, Truman Parkway over CS 677, Anderson Street

This concrete structure is in good condition. However, spalls in the edge beam at the caps should be sealed to protect the reinforcement steel within. The deck joints at both abutments have failed and should be cleaned and sealed.

STRUCTURE ID 051-5045-0 / LOCATION ID 051-01148X-009.47N

CR 1148, Truman Parkway over M-4048, Henry Street

This concrete structure is in good condition. However, a spall in the joint at the south abutment should be repaired.

STRUCTURE ID 051-5046-0 / LOCATION ID 051-01148X-009.67N

CS 1148, Truman Parkway over CS 775, Wheaton Street

This concrete structure is in good condition. The concrete filler at the northern end of the structure has also cracked and settled and should be repaired. The deck joints have failed and should be cleaned and sealed.

STRUCTURE ID 051-5047-0 / LOCATION ID 051-01148X-010.01N

CS 1148, Truman Parkway over CR 787, President Street

This concrete structure is in good condition. However, the deck joints have failed and should be cleaned and sealed. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-5018-0 / LOCATION ID 051-01171X-000.39N

CS 1171, Sallie Mood Drive over Casey Canal

This concrete bridge structure is in good condition. However, erosion under rear abutment cap and in the north approach shoulder should be repaired. The deck joints have failed and should be cleaned and sealed. Dirt and debris in the deck gutters and catch basins should also be removed to allow proper drainage of the deck.

STRUCTURE ID 051-5070-0 / LOCATION ID 051-01269X-002.75N

CR 1269, Pooler Bypass over Georgia Central Railroad

This bridge structure is in good condition. However, the deck joints have failed and should be cleaned and sealed. Beam #1, #2 and #4 at bent 2 and Beam #1, #2 and #3 at bent 4 have exposed strands on ends of beams that need to be grouted over.

STRUCTURE ID 051-5071-0 / LOCATION ID 051-01269X-002.76N

CR 1269, Pooler Bypass over Georgia Central Railroad

This bridge structure is in good condition. However, the deck joints have failed and should be cleaned and sealed.

STRUCTURE ID 051-5054-0 / LOCATION ID 051-01269X-004.50N

CR 1269, Pooler Bypass over Pipemakers Canal

This concrete bridge culvert is in good condition. However, silt in the barrels should be removed to allow proper stream flow. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance. Spall with exposed rebar in barrel number 2 at outlet end entrance on roof of barrel should be sealed.

STRUCTURE ID 051-5017-0 / LOCATION ID 051-01336X-000.53N

CS 1336, Edgewater Street over East Chippewa

This all concrete bridge structure is in good condition. However, erosion at the abutments should be repaired to prevent loss of fill and possible damage to the roadway. Missing slope protection at these abutments should also be replaced. Bridge curb on the right side going north has a spall with exposed rebar that should be cleaned and sealed. A post sign on the southern end down from the bridge should be removed if it is for the bridge structure. Structure does not require posting.

STRUCTURE ID 051-5043-0 / LOCATION ID 051-01459X-001.01E

CR 1459, Stanley Avenue over CSX Railroad

This concrete structure is in good condition. However, the deck joints have failed and should be cleaned and sealed. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

***STRUCTURE ID 051-5019-0 / LOCATION ID 051-01467X-000.32W**

CS 1467, 48th Street over Springfield Canal

At the present time, Post this structure for 11 Tons H-Truck; 14 Tons Type 3 Truck; 18 Tons Timber Truck and 21 Tons Type 3S2 Truck.

This structure requires posting due to the low original design capacity. A replacement structure is required to upgrade the load carrying capacity to a point where posting is no longer required. This concrete bridge structure is in good condition with no other reported deficiencies. Remove debris from under bridge for better water flow.

STRUCTURE ID 051-0004-0 / LOCATION ID 051-01503X-002.52W

CS 1503, Derenne Avenue over Casey Canal

This concrete bridge structure is in good condition. However, the deck joints have failed and should be cleaned and sealed. Dirt and debris in the deck gutters should also be removed to allow proper drainage of the deck.

STRUCTURE ID 051-5078-0 / LOCATION ID 051-99999X-099.99E

CR99999, Private Road Over Green Island Road

This bridge structure is in good condition. However, the deck joints throughout the structure have failed and should be thoroughly cleaned and sealed.

Other Structures not owned or maintained by the Local Government

STRUCTURE ID 051-5033-0 / LOCATION ID 051-01148R-007.40N

CS 1148 , Truman Parkway (On Ramp) over Casey Canal

This concrete bridge structure is in good condition. However, the deck joints have failed and should be cleaned and sealed. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-5034-0 / LOCATION ID 051-01148R-007.52N

CS 1148, Truman Parkway (Off Ramp) over Casey Canal

This concrete bridge structure is in good condition. However, erosion beneath the cap of the south abutment should be repaired. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-5048-0 / LOCATION ID 051-01148R-010.84N

CS 1148, Truman Parkway (Off Ramp) over Proposed Construction Area

This concrete structure is in good condition. However, the deck joints have failed and should be cleaned and sealed. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.

STRUCTURE ID 051-5049-0 / LOCATION ID 051-01148R-010.85N

CS 1148, Truman Parkway (On Ramp) over Proposed Construction Area

This concrete structure is in good condition. However, the deck joints have failed and should be cleaned and sealed. Erosion around the south abutment should also be repaired. Extensive vegetation around the structure should be cut and removed to allow access for inspection and maintenance.