

2003 IX DOT OFF SYSTEM BRIDGE
INVENTORY

BRIDGE

Oxford[®]

NO. P753 1/3

Sue Ellen - Please create a
file in "your area" for this
called
"TXDOT OFF SYSTEM BRIDGE
INVENTORY"

Thanks Jim

REPORT ON:

**FY 2003 OFF-SYSTEM BRIDGE INVENTORY,
INSPECTION AND APPRAISAL PROGRAM**

DALLAS DISTRICT

CITY OF ADDISON

PRESENTED TO:

CITY OF ADDISON

PREPARED FOR

**TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT**

OCTOBER 2003



**BARNHART
ENGINEERING**

**2003 OFF-SYSTEM BRIDGE INVENTORY, INSPECTION
AND APPRAISAL PROGRAM
TxDOT DALLAS DISTRICT
CITY OF ADDISON**

CONTENTS:

- I. State Notice Concerning Load Posting of Weak Bridges
- II. Map of Inspection Area Included in This Report
- III. Bridge Condition List for Structures Included in This Report
- IV. Structures Included In This Report:

1.	P001-00-003	Midway Road	over	Hutton Branch
2.	P001-45-001	Lake Forest Drive	over	Tributary of White Rock Creek
3.	P002-00-001	Farmbrook Drive	over	Farmers Branch
4.	P002-20-001	Oaks North Drive	over	White Rock Creek Tributary

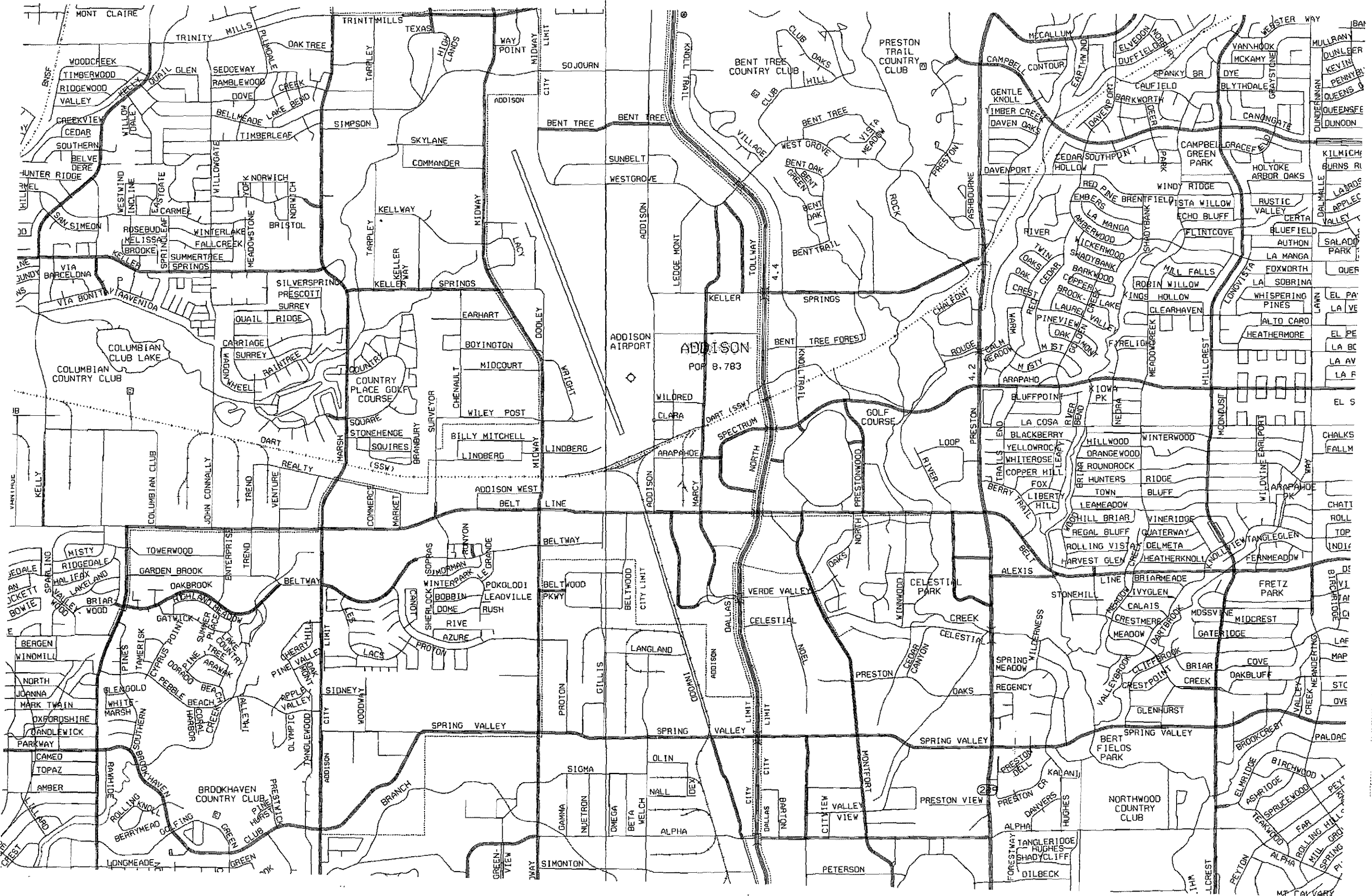
The following report has been prepared for your convenience in administering bridge management in your county. It includes Bridge inspection records, Bridge summary sheets and Bridge photos.

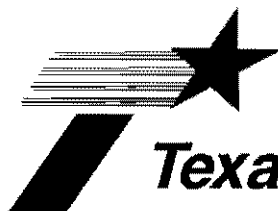
The scope of this investigation included a detailed field inspection of each bridge. Since plans were available for only the newest structures, measurements were made in the field of those members deemed necessary to perform a structural analysis of the bridge. Utilizing the data obtained by inspection, a structural review was made of each bridge, and its load carrying capacity was estimated in terms of an Inventory Rating Load (Heaviest load that can safely use the bridge for an indefinite period of time without causing permanent damage) and an Operating Rating Load (Maximum permissible load that can safely use the bridge on an occasional basis). It should be noted that these ratings represent the best estimate possible with a thorough visual field inspection of an existing structure, upholding a reasonable standard of care by use of routine inspection tools as afforded by routine means of access.

A Bridge Inspection Record was completed for each structure, a condition rating was determined for each of seven (7) elements of the structure. These include deck, superstructure, substructure, channel, culverts, approaches, and miscellaneous items.

A Bridge Summary Sheet containing recommended weight limits for those structures that require a posted weight limit, component ratings and recommended repairs. These are repairs that should be made to lengthen the useful life of the structure. Those structures included in the list should be repaired as soon as maintenance funds are available within the County's normal maintenance program.

State law (Sec. 9 of House Bill 1547) requires that all structures which have been structurally analyzed and rated in this report be posted or closed in accordance with the recommendations herein.





Texas Department of Transportation

P.O. BOX 133067 • DALLAS, TEXAS 75313-3067 • (214) 320-6100

December 10, 2003

Mr. Michael Murphy
Director of Public Works
City of Addison
P.O. Box 9010
Addison, TX. 75001-9010

RE: Off-System BRINSAP Summary Package

Dear Mr. Murphy:

An inspection and analysis of Off-System public bridges, consistent with Federal Regulations and the National Bridge Inspection Standards, was recently completed by this department. The bridge inspection was conducted and the recommendations were prepared by private consultants. Since some bridges are within your jurisdiction and subject to your control, supervision and maintenance, we are forwarding Summary Packages containing the following for each structure. This information can be used in carrying out your responsibilities for the bridge maintenance, repair, closures, and weight limit posting.

1. Bridge Summary Sheet
2. Bridge Inspection Record
3. Color Photos
4. Bridge location map

Please notify us of any other new or old structures within your jurisdiction that need to be added to or deleted from our database.

If you have any questions, comments, suggestions or need additional information, please contact Mr. Ibrahim Musa, P.E. in the Dallas District Bridge Section, at tel. (214)320-4423 or fax (214)319-6439.

Sincerely,

Anthony Okafor, P.E.
District Bridge Engineer

IAM/dla
Attachments

Off-System Structures in the City of Addison

12/10/2003

2 Di	3 Cd	4 Cd	5	8	6	4	Place	6	1	Feat	Xed	7	Fac	Carried	9	Location	126	Dist	Us
18	057	P001	00	003	1	00200	HUTTON BRANCH					MIDWAY ROAD			0.2	MI N KELLER SP. RD.		03	
18	057	P001	45	001	1	00200	WHITE ROCK CREEK TRIB					LAKE FOREST DRIVE			0.1	MI S OF BELT LINE RD		03	
18	057	P002	00	001	1	00200	FARMERS BRANCH					FARMBROOK DRIVE			0.1	MI S OF BROOKHAVEN CR		03	
18	057	P002	20	001	1	00200	WHITE ROCK CREEK TRIB					OAKS NORTH DRIVE			0.1	MI S OF BELT LINE RD		03	

BRIDGES WITHOUT PLANS IN THE BRINSAP FILE

(Culverts Excluded & Railroad Overpasses)

Bridge ID	Facility Carried	Featured Crossed
P002-00-001	Farnbrook Drive	Farmers Branch

NO OTHER CONDITIONS WHICH REQUIRE MAINTENANCE AT THIS TIME



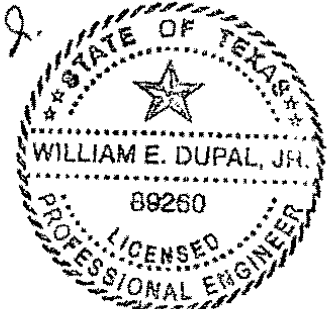
Bridge Inspection Record

Modified (12-5-2000)

District: 18 County: 057 Cont- P001-00 Structure: 003 Route: Midway Road
 Description: 3 Barrel 9.0' X 6.0' Reinforced Concrete Box Culvert With Cast In Place Wingwalls - Skew Varies
 Feature Crossed: Hutton Branch Inspector's Signature: William E. Dupal, Jr., P.E. Date: June 16, 2003
 Company Name: BARNHART ENGINEERING City Of Address: _____

- N- Not applicable
- 9- Excellent Condition
- 8- Very good condition - no problem noted
- 7- Good condition - some minor problems
- 6- Satisfactory condition minor deterioration of structural elements (limited)
- 5- Fair condition - minor deterioration of structural elements (extensive)
- 4- Poor condition - deterioration significantly affects structural capacity
- 3- Serious condition - deterioration seriously affects structural capacity
- 2- Critical condition - bridge should be closed until repaired
- 1- Failing condition - bridge closed but repairable
- 0- Failed condition - bridge closed and beyond repair

William E. Dupal Jr.
16 June 2003



Enter a rating for each element of each component. The rating should equal or exceed the minimum rating listed to the left of each element. Component Ratings should equal the lowest rating of any element of the component. Fully supportive comments are to be made hereon or on attachments for all ratings of 7 or below.

Min.	Deck (Item 58)	Rating
1	Deck-Rating _____	N
6	Wearing Surface <u>Concrete 1)</u>	7
6	Joints, Expansion, Open _____	N
6	Joints, Expansion, Sealed _____	N
6	Joints, Other _____	N
6	Drainage System _____	8
6	Curbs, Sidewalks & Parapets _____	8
6	Median Barrier _____	N
6	Railings <u>Pedestrian Rails 2)</u>	7
7	Railing Protective Coating _____	8
7	Delineation (curve markers) _____	N
	Other _____	N

Comments:

- 1) Minor longitudinal and transverse cracks in the concrete wearing surface.
- 2) Minor to moderate impact damage to the west end of the north rail.

Min.	Superstructure (Item 59)	Rating
	Main Members - Steel _____	N
	Main members - Concrete _____	N
	Main Members - Timber _____	N
	Main Members Connections _____	N
	Floor System Members _____	N
	Floor System Connections _____	N
	Secondary Members _____	N
	Secondary Member Connections _____	N
	Expansion Bearings _____	N
	Fixed Bearings _____	N
	Steel Protective Coating _____	N
	Other _____	N

Component Rating _____ **N**

Comments:

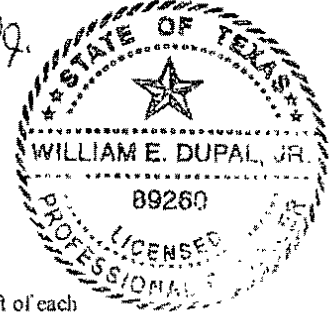


Bridge Inspection Record

District: 18 County: 057 Cont-Sec: P001 - 45 Structure: 001 Route: Lake Forest Drive
 Description: 5 Barrels 8.0' X 4.0' Reinforced Concrete Box Culvert With Masonry Headwalls
 Feature Crossed: Tributary of White Rock Creek Inspector's Signature: William E. Dupal Jr., P.E. Date: September 16, 2003
 Company Name BARNHART ENGINEERING Maintenance Section: City of Addison

- N- Not applicable
- 9- Excellent condition
- 8- Very good condition - no problems noted
- 7- Good condition - some minor problems
- 6- Satisfactory condition - minor deterioration of structural elements (limited)
- 5- Fair condition - minor deterioration of structural elements (extensive)
- 4- Poor condition - deterioration significantly affects structural capacity
- 3- Serious condition - deterioration seriously affects structural capacity
- 2- Critical condition - bridge should be closed until repaired
- 1- Failing condition - bridge closed but repairable
- 0- Failed condition - bridge closed and beyond repair

William E. Dupal Jr.
24 Sept 2003



Enter a rating for each element of each component. The rating should equal or exceed the minimum rating listed to the left of each element. Component Ratings should equal the lowest rating of any element of the component. Fully supportive comments are to be made hereon or on attachments for all ratings of 7 or below.

Min.	Deck (Item 58)	Rating
1	Deck-Rating _____	N
6	Wearing Surface _____ Direct Traffic Culvert 1)	7
6	Joints, Expansion, Open _____	N
6	Joints, Expansion, Sealed _____	N
6	Joints, Other _____	N
6	Drainage System _____	8
6	Curbs, Sidewalks & Parapets _____	8
6	Median Barrier _____	N
6	Railings _____ Pedestrian Rails	8
7	Railing Protective Coating _____	8
7	Delineation (curve markers) _____	N
	Other _____	N

Comments:

1) Minor surface spall and hairline map cracks in the surface of the direct traffic culvert.

Min.	Superstructure (Item 59)	Rating
0	Main Members - Steel _____	N
0	Main Members - Concrete _____	N
0	Main Members - Timber _____	N
0	Main Member Connections _____	N
1	Floor System Members _____	N
1	Floor System Connections _____	N
5	Secondary Members _____	N
5	Secondary Members Connections _____	N
6	Expansion Bearings _____	N
6	Fixed Bearings _____	N
6	Steel Protective Coating _____	N
	Other _____	N

Component Rating _____

N

Comments:



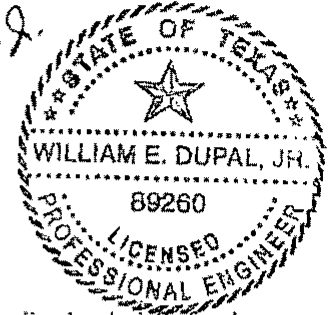
Bridge Inspection Record

Modified (12-3-2000)

District: 18 County: 057 Cont- P001-00 Structure: 003 Route: Midway Road
 Description: 3 Barrel 9.0' X 6.0' Reinforced Concrete Box Culvert With Cast In Place Wingwalls - Skew Varies
 Feature Crossed: Hutton Branch Inspector's Signature: William E. Dupal, Jr., P.E. Date: June 16, 2003
 Company Name: BARNHART ENGINEERING City Of Addison

- N- Not applicable
- 9- Excellent Condition
- 8- Very good condition - no problem noted
- 7- Good condition - some minor problems
- 6- Satisfactory condition minor deterioration of structural elements (limited)
- 5- Fair condition - minor deterioration of structural elements (extensive)
- 4- Poor condition - deterioration significantly affects structural capacity
- 3- Serious condition - deterioration seriously affects structural capacity
- 2- Critical condition - bridge should be closed until repaired
- 1- Failing condition - bridge closed but repairable
- 0- Failed condition - bridge closed and beyond repair

William E. Dupal Jr.
18 June 2003



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Min.	Deck (Item 58)	Rating
1	Deck-Rating _____	N
6	Wearing Surface _____ Concrete 1)	7
6	Joints, Expansion, Open _____	N
6	Joints, Expansion, Sealed _____	N
6	Joints, Other _____	N
6	Drainage System _____	8
6	Curbs, Sidewalks & Parapets _____	8
6	Median Barrier _____	N
6	Railings _____ Pedestrian Rails 2)	7
7	Railing Protective Coating _____	8
7	Delineation (curve markers) _____	N
	Other _____	N

Comments:

- 1) Minor longitudinal and transverse cracks in the concrete wearing surface.
- 2) Minor to moderate impact damage to the west end of the north rail.

Min.	Superstructure (Item 59)	Rating
	Main Members - Steel _____	N
	Main members - Concrete _____	N
	Main Members - Timber _____	N
	Main Members Connections _____	N
	Floor System Members _____	N
	Floor System Connections _____	N
	Secondary Members _____	N
	Secondary Member Connections _____	N
	Expansion Bearings _____	N
	Fixed Bearings _____	N
	Steel Protective Coating _____	N
	Other _____	N

Component Rating _____ **N**

Comments:

Min.	Substructure (Item 60)	Rating
0	Abutment Caps	N
0	Above Ground	N
0	Below Ground or Foundation	N
5	Backwalls & Wingwalls	N
0	Intermediate Supports	
	Caps - Concrete	N
	Caps - Steel	N
	Caps - Timber	N
	Above Ground - Concrete	N
	Above Ground - Steel	N
	Above Ground - Timber	N
	Above Ground - Masonry	N
	Below Ground or Foundation	N
5	Collision Protection System	N
6	Steel Protective Coating	N
Component Rating		N

Comments: CONTINUED FROM ITEM 62
 3) Minor to moderate spall with exposed rebar at the end of the northwest wingwall. Minor vertical cracks at the north wingwall connections and in the headwalls..

Min.	Channel (Item 61)	Rating
0	Channel Banks	8
0	Channel Bed	1) 7
5	Rip Rap, Toe Walls & Aprons	8
5	Dikes	N
5	Jetties	N
	Other	N
Component Rating		7

Comments:
 1) Up to 15" of erosion along the upstream side of the culvert. See view through photo. Minor rock and sediment accumulation in the barrels.

Min.	Culverts (Item 62)	Rating
0	Top Slabs	1) 7
0	Bottom Slab or Footings	8
0	Abutments & Intermediate Supports	2) 6
5	Headwalls & Wingwalls	3) 6
	Other	N
Component Rating		6

Comments: CONTINUED UNDER ITEM 60
 1) Minor spalls with exposed rebar in the top slab of the west barrel about drainage inlet. Minor longitudinal cracks with efflorescence and stalactites in the top slabs.
 2) Minor spalls with exposed rebar about drill holes in the west abutment wall. Minor vertical with efflorescence in the barrel walls. Minor spalls in upstream end of the interior and abutment walls.

Min.	Approaches (Item 65)	Rating
0	Embankments	1) 7
4	Embankment Retaining Walls	N
5	Slope Protection	1) 7
5	Roadway	Concrete 2) 7
6	Relief Joints	N
6	Drainage	1) 7
6	Guardfence	(0000) N
7	Delineation	N
7	Sight Distance	8
	Others	N
Component Rating		7

Comments:
 1) Minor embankment erosion along the southeast and southwest wingwalls.
 2) Minor longitudinal and transverse cracks in the approach pavement.

Min.	Miscellaneous	Rating
7	Signs	N
7	Illumination	N
7	Warning Devices	N
7	Utility Lines	N
	Other	N

Comments:



NEG. 495

ROADWAY VIEW - LOOKING NORTH



NEG. 493

SIDE ELEVATION - LOOKING SOUTHWEST

Barnhart Engineering

DATE: 6/16/2003

COUNT 057

BRIDGE NUMBER:

P001-00-003



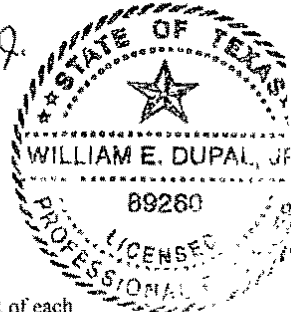
Bridge Inspection Record

Modified (12-5-2000)

District: 18 County: 057 Cont-Sec: P001 - 45 Structure: 001 Route: Lake Forest Drive
 Description: 5 Barrels 8.0' X 4.0' Reinforced Concrete Box Culvert With Masonry Headwalls
 Feature Crossed: Tributary of White Rock Creek Inspector's Signature: William E. Dupal Jr., P.E. Date: September 16, 2003
 Company Name BARNHART ENGINEERING Maintenance Section: City of Addison

- N- Not applicable
- 9- Excellent condition
- 8- Very good condition - no problems noted
- 7- Good condition - some minor problems
- 6- Satisfactory condition - minor deterioration of structural elements (limited)
- 5- Fair condition - minor deterioration of structural elements (extensive)
- 4- Poor condition - deterioration significantly affects structural capacity
- 3- Serious condition - deterioration seriously affects structural capacity
- 2- Critical condition - bridge should be closed until repaired
- 1- Failing condition - bridge closed but repairable
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William E. Dupal Jr.
24 Sept 2003



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Min.	Deck (Item 58)	Rating
1	Deck-Rating	N
6	Wearing Surface <u>Direct Traffic Culvert 1)</u>	7
6	Joints, Expansion, Open	N
6	Joints, Expansion, Sealed	N
6	Joints, Other	N
6	Drainage System	8
6	Curbs, Sidewalks & Parapets	8
6	Median Barrier	N
6	Railings <u>Pedestrian Rails</u>	8
7	Railing Protective Coating	8
7	Delineation (curve markers)	N
	Other	N

Comments:
 1) Minor surface spall and hairline map cracks in the surface of the direct traffic culvert.

Min.	Superstructure (Item 59)	Rating
0	Main Members - Steel	
0	Main Members - Concrete	
0	Main Members - Timber	
0	Main Member Connections	
1	Floor System Members	
1	Floor System Connections	
5	Secondary Members	
5	Secondary Members Connections	
6	Expansion Bearings	
6	Fixed Bearings	
6	Steel Protective Coating	
	Other	

Component Rating N

Comments:

Min.	Substructure (Item 60)	Rating
0	Abutment Caps	N
0	Above Ground	N
0	Below Ground or Foundation	N
5	Backwalls & Wingwalls	N
0	Intermediate Supports	
	Caps - Concrete	N
	Caps - Steel	N
	Caps - Timber	N
	Above Ground - Concrete	N
	Above Ground - Steel	N
	Above Ground - Timber	N
	Above Ground - Masonry	N
	Below Ground or Foundation	N
5	Collision Protection System	N
6	Steel Protective Coating	N
Component Rating		N

Comments:

Min.	Culverts (Item 62)	Rating
0	Top Slab	1) 7
0	Bottom Slab or Footings	8
0	Abutments & Intermediate Supports	2) 7
5	Headwalls & Wingwalls	3) 7
	Other	N
Component Rating		7

Comments:

- 1) Numerous patches in the top slabs. Hairline transverse crack with stalactites at the east end of the center barrel.
- 2) Minor vertical cracks in the barrel walls.
- 3) Minor spalls along the top of the northwest wingwall. Minor vertical crack in the southeast wingwall connection. Minor cracking in the northeast wingwall connection.

Min.	Channel (Item 61)	Rating
0	Channel Banks	1) 6
0	Channel Bed	2) 5
5	Rip Rap, Toe Walls & Aprons	2) 3) 6
5	Dikes	N
5	Jetties	N
	Other	Weir 3) 8
Component Rating		5

Comments:

- 1) Minor to moderate erosion of the downstream channel banks. Gabions have been placed along the bottom of the banks and have helped stabilized the banks.
- 2) Moderate to severe erosion of the downstream channel has undermined the channel apron 4 feet, causing it to settle 2" and crack in two. See view through photo.
- 3) Minor crack and spall in the northwest riprap.

Min.	Approaches (Item 65)	Rating
0	Embankments	1) 7
4	Embankment Retaining Walls	N
5	Slope Protection	8
5	Roadway	Concrete & Asphalt 1) 7
6	Relief Joints	N
6	Drainage	8
6	Guardfence	N
7	Delineation	N
7	Sight Distance	2) 7
	Other	N
Component Rating		7

Comments:

- 1) Minor to moderate cracks in the approach slabs. Minor settlement of the south approach slab. Minor to moderate spalls in the north approach slab. Widespread alligator cracking and rutting in the south approach pavement. There is a 1' drop off along the west side of the south approach pavement.
- 2) Horizontal curves at both ends of the culvert limits sight distance. No speed reduction required.

Min.	Miscellaneous	Rating
7	Signs	"Duck Xing" 8
7	Illumination	8
7	Warning Devices	N
7	Utility Lines	1) 8
	Other	N

Comments:

- 1) There is an electrical conduit along the south abutment.



NEG. 170

ROADWAY VIEW - LOOKING NORTH

Note: Speed Bump In Center Of Bridge
Bridge Is Inside Apartment Complex



NEG. 174

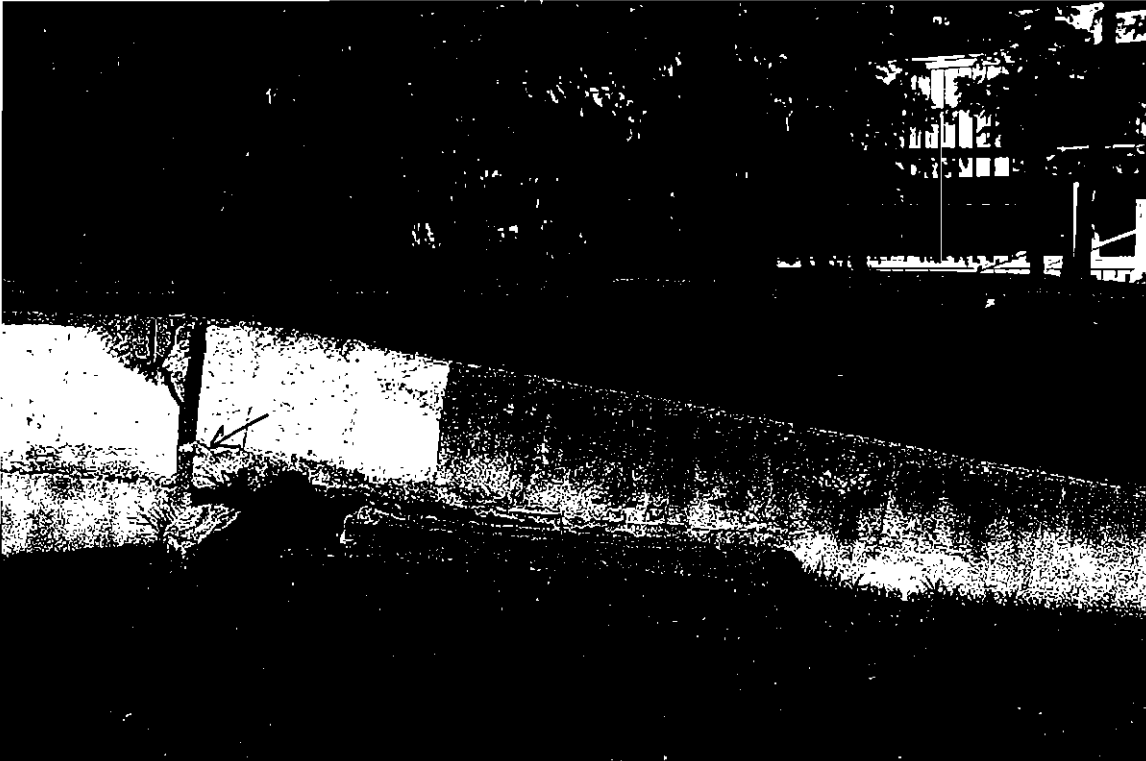
Barnhart Engineering

SIDE ELEVATION - LOOKING NORTHEAST

DATE: 6/11/2003

COUNTY: 57

BRIDGE NUMBER: P002-00-001



NEG. 173

Barnhart Engineering

SOUTH APPROACH SLAB - LOOKING NORTHEAST

**Note: Moderate Settlement Of South Approach Slab
Moderate Transverse Cracks Through Slab, Curb, And Sidewalk**

DATE: 6/11/2003

COUNTY: 57

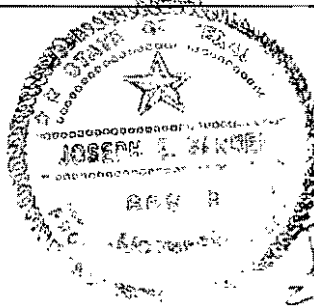
BRIDGE NUMBER: P002-00-001



Bridge Inspection Record

District: 18 County: 057 Cont-Sec: P002-20 Structure: 001 Route: Oaks North Drive
 Description: 4 Barrels 8.0' X 4.0' Reinforced Concrete Box Culvert With Cast In Place Concrete Wingwalls
 Feature Crossed: White Rock Creek Tributary Inspector's Signature: Joseph Garner, P.E. Date: July 7, 2003
 Company Name: BARNHART ENGINEERING Maintenance Section: City of Addison

- N- Not applicable
- 9- Excellent condition
- 8- Very good condition - no problems noted
- 7- Good condition - some minor problems
- 6- Satisfactory condition - minor deterioration of structural elements (limited)
- 5- Fair condition - minor deterioration of structural elements (extensive)
- 4- Poor condition - deterioration significantly affects structural capacity
- 3- Serious condition - deterioration seriously affects structural capacity
- 2- Critical condition - bridge should be closed until repaired
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Enter a rating for each element of each component. The rating should equal or exceed the minimum rating listed to the left of each element. Component Ratings should equal the lowest rating of any element of the component. Fully supportive comments are to be made hereon or on attachments for all ratings of 7 or below.

Min.	Deck (Item 58)	Rating
1	Deck-Rating _____	N
6	Wearing Surface _____ Concrete 1)	7
6	Joints, Expansion, Open _____	N
6	Joints, Expansion, Sealed _____	N
6	Joints, Other _____	N
6	Drainage System _____	8
6	Curbs, Sidewalks & Parapets _____	8
6	Median Barrier _____	N
6	Railings _____ Non-standard 2)	8
7	Railing Protective Coating _____	8
7	Delineation (curve markers) _____	8
	Other _____	8

Comments:
 1) Minor diagonal cracks in concrete pavement.
 2) Non-standard rails consist of brick walls topped with steel bars.

Min.	Superstructure (Item 59)	Rating
0	Main Members - Steel _____	N
0	Main Members - Concrete _____	N
0	Main Members - Timber _____	N
0	Main Member Connections _____	N
1	Floor System Members _____	N
1	Floor System Connections _____	N
5	Secondary Members _____	N
5	Secondary Members Connections _____	N
6	Expansion Bearings _____	N
6	Fixed Bearings _____	N
6	Steel Protective Coating _____	N
	Other _____	N

Component Rating _____ **N**

Comments:

Min.	Substructure (Item 60)	Rating
0	Abutment Caps _____	N
0	Above Ground _____	N
0	Below Ground or Foundation _____	N
5	Backwalls & Wingwalls _____	N
0	Intermediate Supports _____	
	Caps - Concrete _____	N
	Caps - Steel _____	N
	Caps - Timber _____	N
	Above Ground - Concrete _____	N
	Above Ground - Steel _____	N
	Above Ground - Timber _____	N
	Above Ground - Masonry _____	N
	Below Ground or Foundation _____	N
5	Collision Protection System _____	N
6	Steel Protective Coating _____	N
Component Rating _____		N

Comments:

Min.	Culverts (Item 62)	Rating
0	Top Slab _____	1) 7
0	Bottom Slab or Footings _____	8
0	Abutments & Intermediate Supports _____	2) 7
5	Headwalls & Wingwalls _____	3) 7
	Other _____	N
Component Rating _____		7

Comments:

- 1) Minor spall with exposed rebar in top slab of south interior barrel at east end.
 - 2) Minor spalls in south abutment wall about storm sewer outlets.
 - 3) Minor vertical cracks in western wingwalls.
- Minor spalls in western headwall.

Min.	Approaches (Item 65)	Rating
0	Embankments _____	8
4	Embankment Retaining Walls _____	N
5	Slope Protection _____	8
5	Roadway _____ Concrete 1)	7
6	Relief Joints _____	N
6	Drainage _____	8
6	Guardfence _____	N
7	Delineation _____	N
7	Sight Distance _____	8
	Other _____	N
Component Rating _____		7

Comments:

- 1) Minor diagonal cracks in concrete pavement.

Min.	Channel (Item 61)	Rating
0	Channel Banks _____ 1)	7
0	Channel Bed _____	7
5	Rip Rap, Toe Walls & Aprons _____	N
5	Dikes _____	N
5	Jetties _____	N
	Other _____	N
Component Rating _____		7

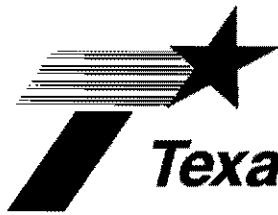
Comments:

- 1) Approximately 2' of erosion along downstream toe of culvert.
- Minor drift caught at upstream face of culvert. See side elevation and view through photos.

Min.	Miscellaneous	Rating
7	Signs _____	N
7	Illumination _____	N
7	Warning Devices _____	N
7	Utility Lines _____ 1)	8
	Other _____	N

Comments:

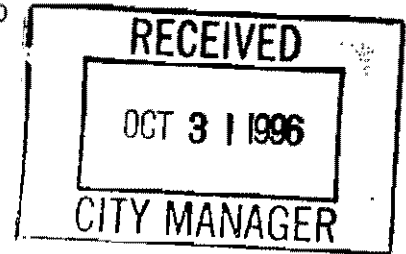
- 1) 12" pipeline runs through north barrel.
- Two 1" conduits run through south barrel.



Texas Department of Transportation

P.O. BOX 3067 • DALLAS, TEXAS 75221-3067 • (214) 320-6100

October 28, 1996



Mr. Ron Whitehead
City Manager
City of Addison
5300 Belt Line Road
P.O. Box 144
Addison, Tx. 75001-0144

RE: FAU and Off-System BRINSAP Inspection Folders

Dear Whitehead:

An inspection and analysis of FAU and Off-System public bridges, consistent with Federal Regulations and the National Bridge Inspection Standards, was recently completed by this department. The bridge inspection was conducted and the recommendations were prepared by private consultants. Since these bridges are within your jurisdiction and are subject to your control, supervision and maintenance, we are forwarding these folders containing the pertinent findings. This information can be used in carrying out your responsibilities for bridge maintenance, repair, closures, and weight limit posting.

A map showing the location of the bridges along with the following lists (if applicable) are also enclosed.

- List 1. Structures showing the condition rating for Deck, Superstructure, Substructure, Channel, Approach and Culverts.
- List 2. Recommended for load posting.
- List 3. Bridges with condition rating of 4 or less.
- List 4. Bridges with HS10 rating or less.
- List 5. Bridges with H10 rating or less with Recommendations.

Structures with a condition rating of 4 or lower or with an operating rating of HS10 (or H10) or lower need prompt attention. If you have such structures in your jurisdiction, you should take necessary steps to improve the condition rating of the structure.

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Under federal law, if a closure is recommended, the bridge must be strengthened or closed with a positive barrier at each end of the structure, also, all bridges incapable of safely carrying the state legal load must be posted by erecting the appropriate signs. To enforce this requirement, as per the Code of Federal Regulations, The Federal Highway Administration can withhold federal highway funds from those jurisdictions that do not comply with these regulations.

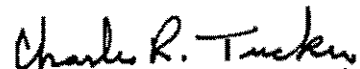
The FHWA is stressing the importance of follow-up procedures to monitor bridges with critical findings. In order to comply, we request a record of corrective actions taken, if any, on each bridge.

New signs, posts and hardware for those bridges that now require posting, as well as those that now require a change in existing load posting signs to the new requirements, will be sent to the TxDOT Maintenance yard in your County. They will contact you when this sign material is ready for you to pick up.

We have spent considerable time and effort in sorting the folders and compiling the list. However, we may have included folders outside your jurisdiction by mistake. Please cross check the list of bridges within your jurisdiction with the folders forwarded to you to ensure you received all the bridge folders. If you received folders outside your jurisdiction, please return them to us. Please bring to our attention any inconsistencies between the information provided in the inspection folders and the lists of bridges.

If you have any questions, comments, suggestions or need additional information, please contact Mr. Ibrahim Musa, P.E. in the District Bridge Section, at (214)320-4423.

Sincerely,



Charles R. Tucker, P.E.
Director of Transportation
Planning and Development

Attachments

BRINSAP OFF-SYSTEM BRIDGES BY CITIES

COUNTY=057 OWNER=ADDISON

OB	COUNTY	CNTL	STR	STR	STR	INT	FLTY	LOC	DE	SUP	SUB	CHAN	RDY	CUL
S		SEC	NO	FUNC	TRACT	OV		TION	CK	STR	STR	NEL	APP	VERT
227	057	P00200	001	1	FARMERS BRANCH CREEK	FARMERS BRANCH CREEK	FARMER DRIVE	0.1 MI S OF BROOKHAVEN CR	7	6	8	8	5	N
228	057	P00220	001	1	FARMERS BRANCH CREEK	FARMERS BRANCH CREEK	OAKS NORTH	0.1 MI S OF BELT LINE RD	N	N	N	7	8	7

BRINSAP FAU BRIDGES

COUNTY=057 CITY=ADDISON

OS	COUNTY	CITY	SECTION	STRNO	INTRSCT	FLTYV	LOCATION	DECK	SUPSTR	SUBSTR	CHANNEL	RWDYAPP	CULVERT
75	057	ADDISON	804118	011	RAWHIDE CREEK	MARSH LANE	0.1 MI S OF BELT LINE RD	N	NN	NN	NN	8 8	7
76	057	ADDISON	804218	003	HUTON BRANCH	MIDWAY ROAD	0.2 MI N KELLER SP. RD.	N	NN	NN	NN	5 6	6
77	057	ADDISON	805018	026	WHITE ROCK CREEK	BELTLINE ROAD	0.25 MI W OF SH 289	7	6	7	7	7	N