

County: Dallas
Bridges: 8041-18-011

DUPLICATE

Facility Over: RAWHIDE CREEK
Features Intersected: MARSH LANE

Speed



Feature X Marsh Lane

COUNTY Dallas FAU

BRIDGE 8041-14-011

DATE MM DD YY	COMMENTS	CONDITION RATINGS				
		58	59	60	61	62
1-25-80	2- Barrel Concrete Box Culvert	8	8	8	8	8
3-16-82		N	7	8	8	7
4-4-84		N	8	8	8	8
5-2-86		N	9	9	9	9
4-15-88	4- Barrel Concrete Box Culvert	7	7	8	8	7
3-31-92		N	N	N	8	7
5-16-94		N	N	N	8	7
6-4-96		N	N	N	8	7
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BRIDGE HISTORY *JK* 8/12/96

Min.	Substructure (Item 60)	Rating
0	Abutment Caps	2
0	Above Ground	2
0	Below Ground or Foundation	2
5	Backwalls & Wingwalls	2
0	Intermediate Supports	2
	Caps - Concrete	2
	Caps - Steel	2
	Caps - Timber	2
	Above Ground - Concrete	2
	Above Ground - Steel	2
	Above Ground - Timber	2
	Above Ground - Masonry	2
	Below Ground or Foundation	2
5	Collision Protection System	2
6	Steel Protective Coating	2
	Component Rating	2

Comments: _____

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

Comments: _____

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

Comments: ① MINOR EFFLORESCENT CRACKS
 ② MINOR CRACKS

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

Comments: _____

Min.	Miscellaneous	Rating
7	Signs	2
7	Illumination	8
7	Warning Devices	2
7	Utility Lines	2
	Other	2

Comments: NOT POSTED

Bridge Appraisal Worksheet

District 16 County DSJ Cont. Sec 8041-18 Structure 011 Route MADISON LANE

Traffic Safety Features (Item 36)

Standard MBGF Standard Traffic or Combination Rail
 None N/A Damaged Non-Std.
 Other _____

Bridge Railing (1st Digit) Rating — 1

MBGF Transition Standard Traffic or Combination Rail
 None N/A Damaged Non-Std.
 Other _____

Transitions (2nd Digit) Rating — 1

Standard MBGF Standard Traffic or Combination Rail
 None N/A Damaged Non-Std.
 Other _____

Approach Guardrail (3rd Digit) Rating — 1

MBGF Terminal Impact Attenuator
 None N/A Damaged Non-Std.
 Other _____

Guardrail Terminal (4th Digit) Rating — 1

Structural Evaluation (Item 67)

IR= HS20
 Other _____

Condition Ratings ADT 4190 Yr. 78
N Superstructure (Item 59) From TXDOT Traffic Count
N Substructure (Item 60) From Field Estimates

7 Culvert (Item 62)
Structural Rating (Table 1) B Rating — 7

Deck Geometry (Item 68)

No. of Lanes (Each Way) 3
 2 Lanes, 2-Way Traffic (Table 2A)
 2 or More Lanes Each Way (Table 2C)
 Limited Access Freeway
 Multilane Facility
 1-Way ramp (Table 2D)

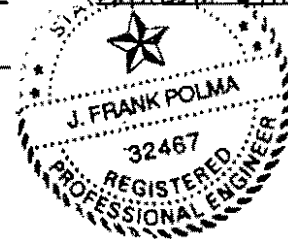
Bridge Roadway Width 66/66
Bridge Roadway Width Rating 2

Overpass'ig Vertical Clearance
 Posted
 Measured
 Estimated
 Limited Access Arterial
 Collector or Local

Vertical Clearance Rating (Table 2E) _____
Rating — 2

Date 6/1/96

Signature J. Frank Polma



Underclearances (Item 69)

Stream Crossing (Item N/A) Lateral Clear Right (Item 55)
Vertical Underclearance (Item 54) Lateral Clear Left (Item 56)
 Posted Meas. Est.
Route Description
 Limited Access, Rural
 Limited Access, Urban
 Principal & Minor Arterials
 Collector & Local Roads
 Railroad
Lateral Clearance Rating (Table 3B) _____
Vertical Underclearance Rating (Table 3A) _____ Rating — N

Bridge Posting (Item 70)

OR= HS27 Posted Load _____
Required Posting _____
 Other _____ Rating — 5

Waterway Adequacy (Item 71)

Grade Separation (Item N/A)
 No Evidence of Flooding Deck above Approaches
 Evidence of Flooding
Chance of Overtopping Deck Rdwy. Traffic Delay if Flooded
Remote (> 100 Yrs.) Insignificant
Slight (11-100 Yrs.) Significant
Occasional (3-10 Yrs.) Severe
Frequent (<3 Yrs.)
Rating — 9

Approach Roadway Alignment (Item 72)

Speed Reduction at Bridge Approaches
 Not Required (8)
 Slight Reduction (6)
 Substantial Reduction (<=3)
Speed Reduction Required due to
 Vertical Alignment
 Horizontal Alignment
 Other _____
Rating — 8

Rating Code Descriptions

Traffic Safety Features (Item 36)

The four Traffic Safety Features are assigned a one-digit rating based on the following scale.

- 1 - Feature meets currently acceptable standards.
- 0 - Feature does not meet currently acceptable standards or feature is required but not provided.
- N - Not applicable or feature is not required.

General Features (Items 67, 68, 69, 71, and 72)

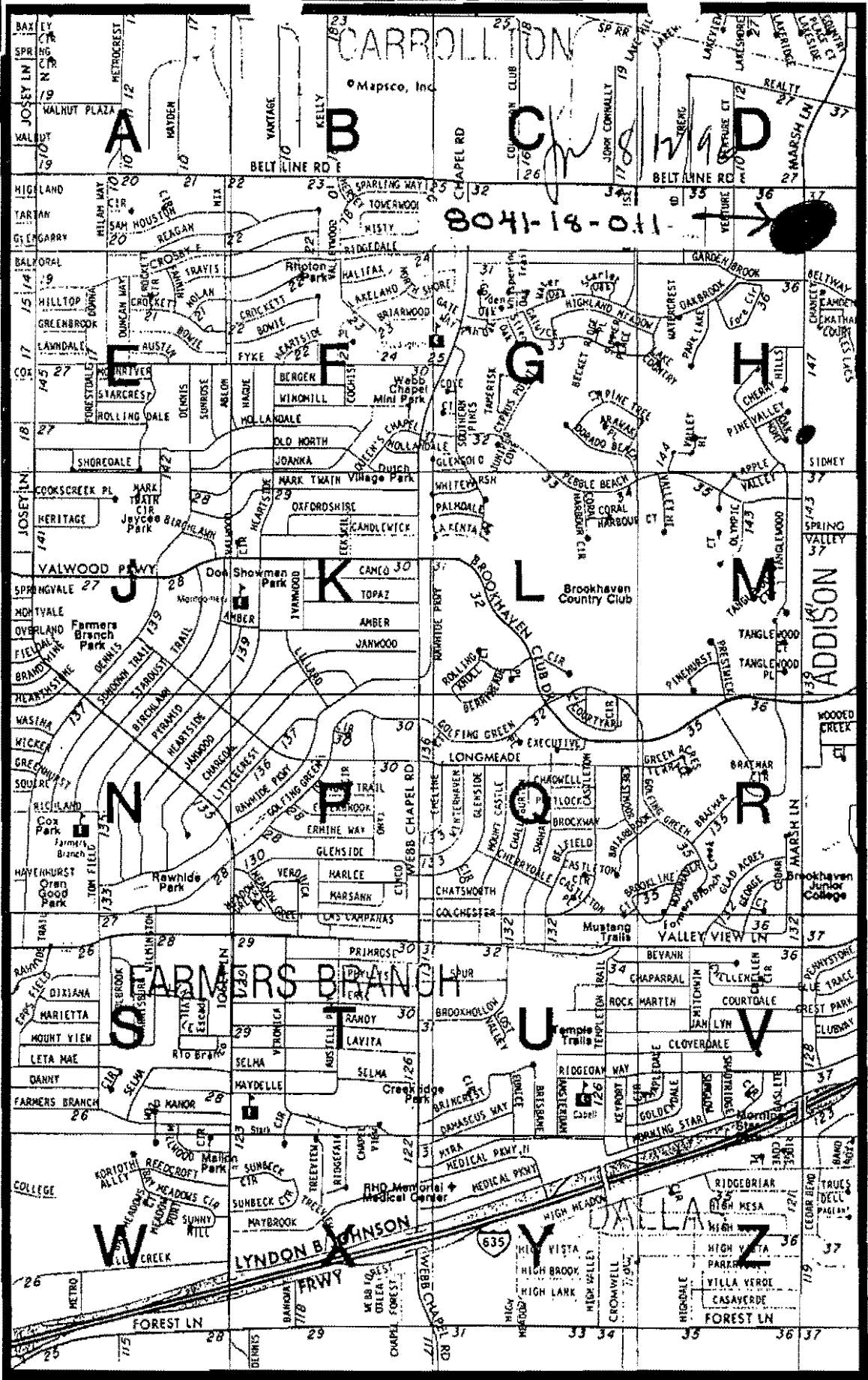
Items 67, 68, 69, 71, and 72 are assigned a one-digit rating based on the following scale.

- N - Not applicable.
- 9 - Superior to present desirable criteria.
- 8 - Equal to present desirable criteria.
- 7 - Better than present minimum criteria.
- 6 - Equal to present minimum criteria.
- 5 - Somewhat better than minimum adequacy to tolerate being left in place as is.
- 4 - Meets minimum tolerable limits to be left in place as is.
- 3 - Basically intolerable condition requiring high priority of corrective action.
- 2 - Basically intolerable condition requiring high priority of replacement.
- 1 - This value of rating code not used.
- 0 - Bridge closed.

Bridge Posting (Item 70)

Item 70 is assigned a one-digit rating based on the following scale.

- 5 - Operating rating equal to or above legal loading.
- 4 - Operating rating 0.1 to 9.9% below legal loading.
- 3 - Operating rating 10.0 to 19.9 % below legal loading.
- 2 - Operating rating 20.0 to 29.9% below legal loading.
- 1 - Operating rating 30.0 to 39.9% below legal loading.
- 0 - Operating rating 39.9% or more below legal loading.



8041-18-011

CONTINUED ON MAP 12

CONTINUED ON MAP 14

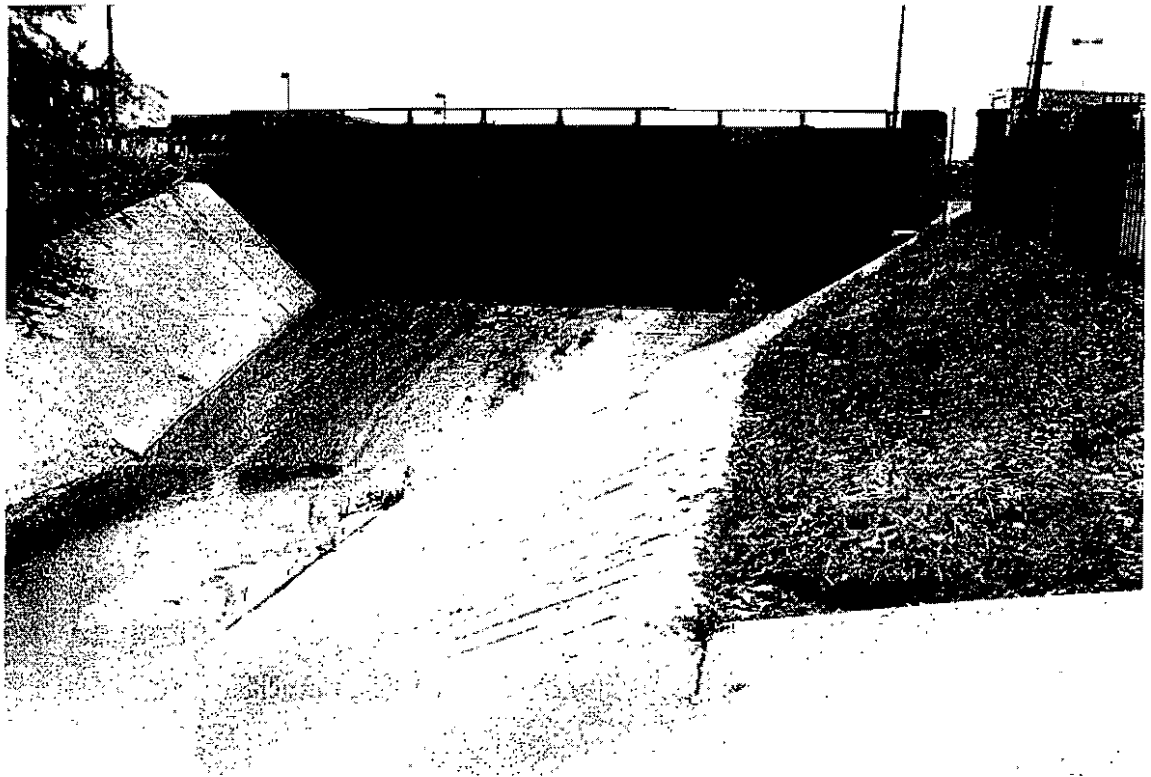


CONTINUED ON MAP 23



DETAIL MAP SECTION STARTS ON INDEX PAGE 202

COUNTY: DALLAS FAU
BRIDGE NO: 8041-18-011
LOCATION: MARSH LANE NB
OVER RAWHIDE CREEK



COUNTY:
BRIDGE NO:
LOCATION:

DALLAS FAU
8041-18-011
MARSH LANE NB
OVER RAWHIDE CREEK

