

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
 Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

**Basic Information**

Tennessee [47]	Davidson County [037]	Goodlettsville [29920]	IN GOODLETTSVILLE	36-20-16.98 = 36.338050	086-43-00.96 = -86.716933
190E2240001	Highway agency district: 3	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 489	NFA E489	Toll On free road [3]	Features intersected MANSKER CREEK		
Design - main 2	Masonry [8] Arch - Deck [11]	Design - approach 0	Other [00]	Kilometerpoint 8.5 km = 5.3 mi	Year built 1841
				Year reconstructed 1986	Skew angle 0
				Structure Flared	Historical significance Bridge is on the NRHP. [1]
Total length 27.4 m = 89.9 ft	Length of maximum span 7.6 m = 24.9 ft	Deck width, out-to-out 7.5 m = 24.6 ft	Bridge roadway width, curb-to-curb 5.9 m = 19.4 ft		
Inventory Route, Total Horizontal Clearance 5.9 m = 19.4 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 0 m = 0.0 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 0.3 km = 0.2 mi	Method to determine inventory rating No rating analysis or evaluation perfor	Inventory rating 24.3 metric ton = 26.7 tons
	Method to determine operating rating No rating analysis or evaluation perfor	Operating rating 36 metric ton = 39.6 tons
Bridge posting Equal to or above legal loads [5]	Design Load	

### Functional Details

Average Daily Traffic  Average daily truck traffi  % Year  Future average daily traffic  Year

Road classification  Lanes on structure  Approach roadway width

Type of service on bridge  Direction of traffic  Bridge median

Parallel structure designation

Type of service under bridge  Lanes under structure  Navigation control

Navigation vertical clearanc  Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge  Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right  Minimum lateral underclearance on left

Minimum Vertical Underclearance  Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

### Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost  Roadway improvement cost

Length of structure improvement  Total project cost

Year of improvement cost estimate

Border bridge - state  Border bridge - percent responsibility of other state

Border bridge - structure number

## Inspection and Sufficiency

Structure status

Posted for load [P]

Appraisal ratings -  
structural

Equal to present minimum criteria [6]

Condition ratings - superstructure

Good [7]

Appraisal ratings -  
roadway alignment

Equal to present desirable criteria [8]

Condition ratings - substructure

Good [7]

Appraisal ratings -  
deck geometry

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - deck

Good [7]

Scour

Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]

Channel and channel protection

Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]

Appraisal ratings - water adequacy

Better than present minimum criteria [7]

Status evaluation

Pier or abutment protection

Sufficiency rating

90.5

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

August 2011 [0811]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Not needed [N]

Fracture critical inspection date

Other special inspection

Not needed [N]

Other special inspection date