Basic Information

				41-10-24 = 41.173333	073-18-48 = -73.313333
Connecticut [09]	Fairfield County [001]	Fairfield [26620]	3 MILES EAST OF EXIT 42		

735	Highway agency district	3	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]

Route	0		MERWINS LANE	Toll	On free road [3]	Features intersected	ROUTE 15

Design - main	Concrete [1]	Design - approach		Kilometerpoint	178.6 km = 110.7 mi
2	Frame [07]	0	Other [00]	Year built	1940

Year reconstructed N/A [0000]

Skew angle 18   Structure Flared

Historical significance   Bridge is on the NRHP. [1]

Total length	27.4 m = 89.9 ft	Length of maximum span	10.4 m = 34.1 ft	Deck width, out-to-out	11 m = 36.1 ft	Bridge roadway width, curb-to-curb	9.1 m = 29.9 ft

Inventory Route, Total Horizontal Clearance	9.1 m = 29.9 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft

Deck structure type	Other [9]
Type of wearing surface	Bituminous [6]
Deck protection	
Type of membrane/wearing surface	Preformed Fabric [2]

Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	32.4 metric ton = 35.6 tons
1.3 km = 0.8 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	89.1 metric ton = 98.0 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	

Functional Details

Average Daily Traffic `922`   Average daily truck traffi `7` %   Year `2010`   Future average daily traffic `461`   Year `2029`

Road classification `Local (Urban) [19]`   Lanes on structure `2`   Approach roadway width `6.1 m = 20.0 ft`

Type of service on bridge `Highway [1]`   Direction of traffic `2 - way traffic [2]`   Bridge median

Parallel structure designation `No parallel structure exists. [N]`

Type of service under bridge `Highway, with or without ped`   Lanes under structure `4`   Navigation control `Not applicable, no waterway. [N]`

Navigation vertical clearanc `0 = N/A`   Navigation horizontal clearance `0 = N/A`

Minimum navigation vertical clearance, vertical lift bridge `0 m = 0.0 ft`   Minimum vertical clearance over bridge roadway `99.99 m = 328.1 ft`

Minimum lateral underclearance reference feature `Highway beneath structure [H]`

Minimum lateral underclearance on right `0.9 m = 3.0 ft`   Minimum lateral underclearance on left `1.2 m = 3.9 ft`

Minimum Vertical Underclearance `4.17 m = 13.7 ft`   Minimum vertical underclearance reference feature `Highway beneath structure [H]`

Appraisal ratings - underclearances `Basically intolerable requiring high priority of corrrective action [3]`

Repair and Replacement Plans

Type of work to be performed   Work done by `Work to be done by owner's forces [2]`

`Other structural work, including hydraulic replacements. [38]`

Bridge improvement cost `1000`   Roadway improvement cost `1000`

Length of structure improvement `0.1 m = 0.3 ft`   Total project cost `2000`

Year of improvement cost estimate

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

Border bridge - structure number

Inspection and Sufficiency

Field	Value
Structure status	Open, no restriction [A]
Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructur	Fair [5]
Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]
Appraisal ratings - deck geometry	Equal to present minimum criteria [6]
Condition ratings - deck	Good [7]
Scour	Bridge not over waterway. [N]
Channel and channel protection	Not applicable. [N]
Appraisal ratings - water adequacy	N/A [N]
Status evaluation	Functionally obsolete [2]
Pier or abutment protection	
Sufficiency rating	77.5
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	April 2010 [0410]
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	