

# STRUCTURE INSPECTION, INVENTORY and APPRAISAL SHEET

Vermont Agency of Transportation ~ Structures Section ~ Bridge Management and Inspection Unit

Inspection Report for :LYNDON

Bridge No.: 96-3S

District: 7

Located on: I91 over BROOK

approximately 1.2 MI N EXIT 24

Maintained By: STATE-OWNED

## CONDITION

Deck Rating: N NOT APPLICABLE  
Superstructure Rating: N NOT APPLICABLE  
Substructure Rating: N NOT APPLICABLE  
Channel Rating: 6 SATISFACTORY  
Culvert Rating: 5 FAIR  
Federal Str. Number: 300091963S03071

## STRUCTURE TYPE and MATERIALS

Bridge Type: CGMPP  
Number of Main Spans: 1  
Kind of Material and/or Design: 3 STEEL  
Deck Structure Type: N NOT APPLICABLE  
Type of Wearing Surface: N NOT APPLICABLE  
Type of Membrane: N NOT APPLICABLE  
Deck Protection: N NOT APPLICABLE

## AGE and SERVICE

Year Built: 1973 Year Reconstructed: \_\_\_\_  
Type of Service On: 1 HIGHWAY  
Type of Service Under: 5 WATERWAY  
Lanes On the Structure: 02  
Lanes Under the Structure: 00  
Bypass, Detour Length (miles): 01  
ADT: 2100 Year of ADT: 1996

## CULVERT GEOMETRIC DATA and INDICATORS

Culvert Barrel Length (ft): 308  
Average Cover Over Culvert (ft): 55  
Waterway Area Through Culvert (sq.ft.): 57  
Wingwall/Headwall Rating: 5 FAIR CONDITION

## GEOMETRIC DATA

Length of Maximum Span (ft): 8  
Structure Length (ft): 8  
Lt Curb/Sidewalk Width (ft): 0  
Rt Curb/Sidewalk Width (ft): 0  
Bridge Rdwy Width Curb-to-Curb (ft): 0  
Deck Width Out-to-Out (ft): 0  
Appr. Roadway Width (ft): 38  
Skew: 15  
Bridge Median: 0 NO MEDIAN  
Feature Under: FEATURE NOT A HIGHWAY OR RAILROAD  
Min Vertical Underclr (ft): 09 FT 00 IN

## APPRAISAL

Appr. Rdwy. Alignment: 8 EQUAL TO DESIRABLE CRITERIA

## INSPECTION

Inspection Date: 112019 Inspection Frequency (months): 60

## INSPECTION SUMMARY and NEEDS

11/14/2019 - Holes have formed in outlet end of pipe above and below haunch line. Rust staining in barrel due to water leaking bolt line cracks. - ABC/JAS

11/25/14 Holes along outlet end need repairs, bolt line cracking is present and there is moderate to heavier rusting along bolts lines. Scour outlet end needs to be filled in, both cradles have rotated forward. MJK JS

09/14/2009 Culvert is in fair condition due to bolt line cracking and perforation in localize areas. Culvert should be evaluated for a possible sleeve. ~FRE~

Culvert is in fair condition with areas of extensive bolt line cracking. 10-12-04