

LEVEL 2 LOAD RATING (VIRTIS)

MILEPOST: 282.62

BIN: 5510130

REGION: 3

COUNTY: ONONDAGA

FEATURE CARRIED: 90IX

FEATURE CROSSED: BEAR TRAP CREEK

LEVEL 2 LOAD RATING REVIEW

VIRTIS RUN DATE: 12/28/2016

CHANGES TO INPUT DATA: UNRATABLE BOX CULVERT

LOADING	INVENTORY RATING (TONS)	OPERATING RATING (TONS)
HS-20		
H-20		

CONTROLLING MEMBER FOR RATING

LOCATION: _____

COMPONENT: _____

FAILURE TYPE: _____

EFFECTIVE SPAN LENGTH: _____

H EQUIVALENT OF LEGAL LOAD _____

PRIMARY MEMBER RATING: _____

SAFE LOAD CAPACITY: _____

SLC COMPUTATION USED (IN BOLD)				
0.60 HOR	0.70 HOR	0.80 HOR	0.85 HOR	HOR

ACTION TAKEN: NONE REQUIRED _____

RECOMMEND LEVEL 1 _____

UNRATABLE X

COMPLETED BY

REVIEWED BY

KENNETH SWEENEY

AMODH NIRALA

PE # 086434

LOAD RATING ENGINEER

Bridge

Bridge Id: 5510130
 Description: Original data entry by Hardesty & Hanover, LLP - January 2006. Reviewed by Clark Patterson Associates - January 2006. Reviewed by DiDonato Associates - August 2006 Reviewed by DiDonato Associates - November 2008. Reviewed by DiDonato Associates - November 2010. Reviewed by CHA - January 2013. Reviewed by CHA - June 2014. Bridge is a two span cast-in-place reinforced concrete box culvert. This type of bridge is UNRATABLE. Original construction under Contract OT 46-2. Rehabilitation under Contracts TAM 70-17 and TAS 98-22B. Design load is H20-44. Bridge length is 28.7 feet perpendicular to the abutments. Bridge length is 31.9 feet along the skew. Bridge width is 151 feet. Bridge skew is 26 degrees. Structural slab thickness is 12.5 inches. Bridge is oriented East. 2008 Notes: - None. 2010 Notes: - None. 2013 Notes: - None. 2014 Notes: - None. 2016 Notes: - None.
 Facility Carried: 90 IX
 Feature Intersected: Bear Trap Creek
 Structure Number: 5510130
 Location: Salina
 Length: 31.90 ft
 Route Number:
 System Of Units: US Customary
 Year Built: 1946
 Name: MP 282.62 - 90 IX over Bear Trap Creek
 District:
 County: