

BRIDGE LOAD RATING REPORT
OFFICE OF STRUCTURAL ENGINEERING
OHIO DEPARTMENT OF TRANSPORTATION

SFN	BRIDGE NUMBER	DISTRICT
3002438	GUE-77-0111 R	5
ORIGINAL CONSTRUCTION YEAR	REHABILITATION YEAR	OVERALL STRUCTURE LENGTH (FT.)
1968		112.0'
FEATURE INTERSECTED:	Seneca Fork Creek	
SPECIAL ASSUMPTIONS & COMMENTS:		
RATING & ANALYSIS OPTION: SELECT FROM LIST ON THE LEFT WHERE APPROPRIATE		
LOAD RATING PURPOSE:	3- Deadload Changed	
RATING SOFTWARE:	1- BARS	
BASIS OF ANALYSIS:	1- Plan Information Available	
METHOD OF ANALYSIS:	2- Load Factor (LF)	
DESIGN LOADING (ORIGINAL):	6- HS-20-44 & Alternate Military Loading	
STRUCTURE RATING SUMMARY		
LOADING TYPE	RATING FACTOR - RF (Number up to 2-Decimals)	RATING LOAD
INVENTORY CURRENT DESIGN	1.06	HS-20-44
OPERATING CURRENT DESIGN	1.77	HS-20-44
OHIO LEGAL - 2F1	3.18	OHIO LEGAL LOADS OVERALL MINIMUM RATING FACTOR
OHIO LEGAL - 3F1	2.22	150%
OHIO LEGAL - 4F1	2.04	OHIO LEGAL LOADS OVERALL CONTROLLING TRUCK
OHIO LEGAL - C1	1.65	OHIO LEGAL - 5C1
RATED BY, PE#	REVIEWED BY, PE#	REPORT DATE
Shelton Howard PE- 53829		5/4/2011
AGENCY/FIRM	PHONE NUMBER	EMAIL
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