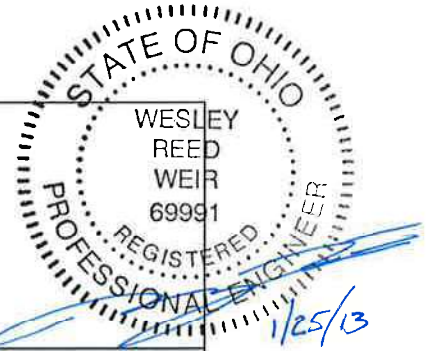


**OHIO DEPARTMENT OF TRANSPORTATION
OFFICE OF STRUCTURAL ENGINEERING
BRIDGE LOAD RATING SUMMARY REPORT**



SFN	BRIDGE NUMBER	DISTRICT
1800930	CUY-6-1456	12
ORIGINAL CONSTRUCTION YEAR	REHABILITATION YEAR	OVERALL STRUCTURE LENGTH (FT)
1917	1967, 1994, 2003	2656
FEATURE INTERSECTED:	CUYAHOGA RIVER, RTA TRACKS, VARIOUS LOCAL STREETS AND PARKING LOTS	
SPECIAL ASSUMPTIONS & COMMENTS	STRUCTURE RATED FROM SPAN 1A TO SPAN 13 ONLY	
RATING & ANALYSIS OPTION:		
LOAD RATING PURPOSE:	LOAD RATING FOR FUTURE REHABILITATION RECOMMENDATIONS	
RATING SOFTWARE:	STAAD	
BASIS OF ANALYSIS:	EXISTING PLANS AND FIELD MEASUREMENTS	
METHOD OF ANALYSIS:	LOAD FACTOR	
DESIGN LOADING (ORIGINAL):	SPECIAL LOADS: 24 TON TRUCK OR 100 PSF (UPPER DECK), TWO 60 TON RAILROAD CARS (LOWER DECK)	
STRUCTURE RATING SUMMARY		
LOADING & RATING TYPE	RATING FACTOR - RF (ROUNDED TO 2 DECIMAL POINTS)	RATING LOAD
INVENTORY CURRENT DESIGN	0.79	HS15.7
OPERATING CURRENT DESIGN	1.26	
OHIO LEGAL - 2F1	1.72	OHIO LEGAL LOADS OVERALL MINIMUM RATING FACTOR
OHIO LEGAL - 3F1	1.51	1.34
OHIO LEGAL - 4F1	1.34	OHIO LEGAL LOADS OVERALL CONTROLLING TRUCK
OHIO LEGAL - 5C1	1.53	4F1
RATED BY, PE#	REVIEWED BY, PE#	REPORT DATE
Donald Cartwright	Wesley Weir, PE 69991	1/25/2013
AGENCY/FIRM	PHONE NUMBER	EMAIL
TranSystems	216-861-1780	dwcartwright@transystems.com

SFN: 1800930 BRIDGE NO.: CUY-6-1456