#45, SOUTH MAIN STREET BRIDGE REPLACEMENT: TOWN OF HALFMOON

LOCATION: South Main Street bridge over an unknown stream
DESCRIPTION: Bridge replacement with five foot shoulders to accommodate bicycle lanes
CATEGORY: Bridge
COST: $0.69 M **LIFE:** 50 Years
SPONSOR: Town of Halfmoon
CURRENT CONDITION: Cracking and deterioration. No BIN #. Assume a state bridge rating of 3.5
FUNCTIONAL CLASS: Minor Urban Arterial
AADT: Under 5,000
ON PRIORITY NETWORK(S): None

BENEFIT/COST RATIO	**42.7**
TOTAL BENEFITS ($k/yr)	$1,878
SAFETY	$0
TRAVEL TIME	$0
OPERATING/ENERGY*	$0
ENERGY/USER	$0
LIFE CYCLE VALUE	$1,878
OTHER	$0
ANNUALIZED COST ($k/yr)	$44

*includes gasoline usage and ownership costs

CONGESTION RELIEF: No measurable reductions in excess delay or VMT.
AIR QUALITY BENEFIT: No measurable reductions in volatile organic compounds or NOx.
ENVIRONMENTAL MITIGATION: Within 0.25 miles of several water features, 100 year Flood Plain, an aquifer, several wetlands and Class 1 & 2 Soils
REGIONAL SYSTEM LINKAGE: Connects Mechanicville residences to transportation links to the south. Serves as an alternate route to US 4/NY 32.

LAND USE COMPATIBILITY (PLANNED OR EXISTING): Halfmoon Comprehensive Plan and Halfmoon Trails Master Plan
CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: Project will maintain quality of life by increasing transportation options.
ENVIRONMENTAL JUSTICE: N/A
BUSINESS OR HOUSING DISLOCATIONS: None. No ROW aniticipated.

FACILITATES:
BICYCLING – Y: bike lanes
WALKING – Y: bike lanes

TRANSIT USE – N/A
GOODS MOVEMENT – N/A
INTERMODAL TRANSFERS – N/A

SPONSOR PRIORITY: High
SCREENING ISSUES: NYSDOT could not find Bridge ID number. This may be a large culvert but not a bridge. It is not eligible for HBRR.
OTHER CONSIDERATIONS: Diverting the flow of the stream to construct the bridge may be required, increasing the cost.