



**Department of
Transportation**

CONTRACT: D900030 REGION 8 BUNDLED BRIDGES DUTCHESS & COLUMBIA COUNTY

CONTRACTOR: HALMAR INTERNATIONAL

STRUCTURAL ENGINEERS: HARDESTY & HANOVER

Replacement of BIN# 1027160 Route 55 Over Jackson Creek



BIN #1027160: Route 55 Over Jackson Creek Bridge Location

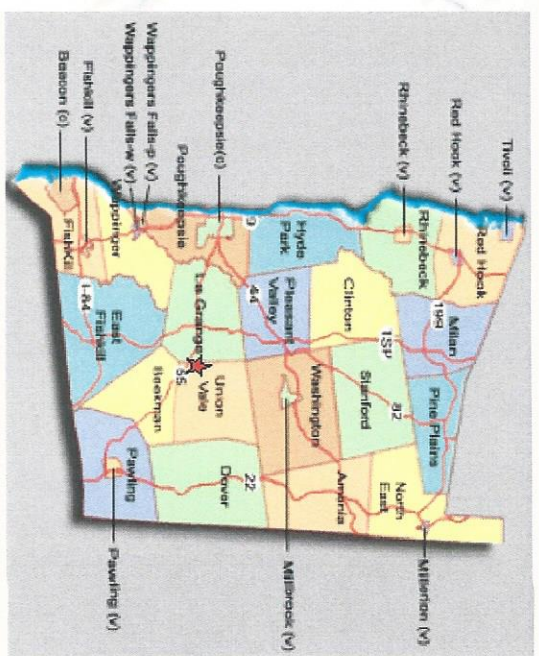
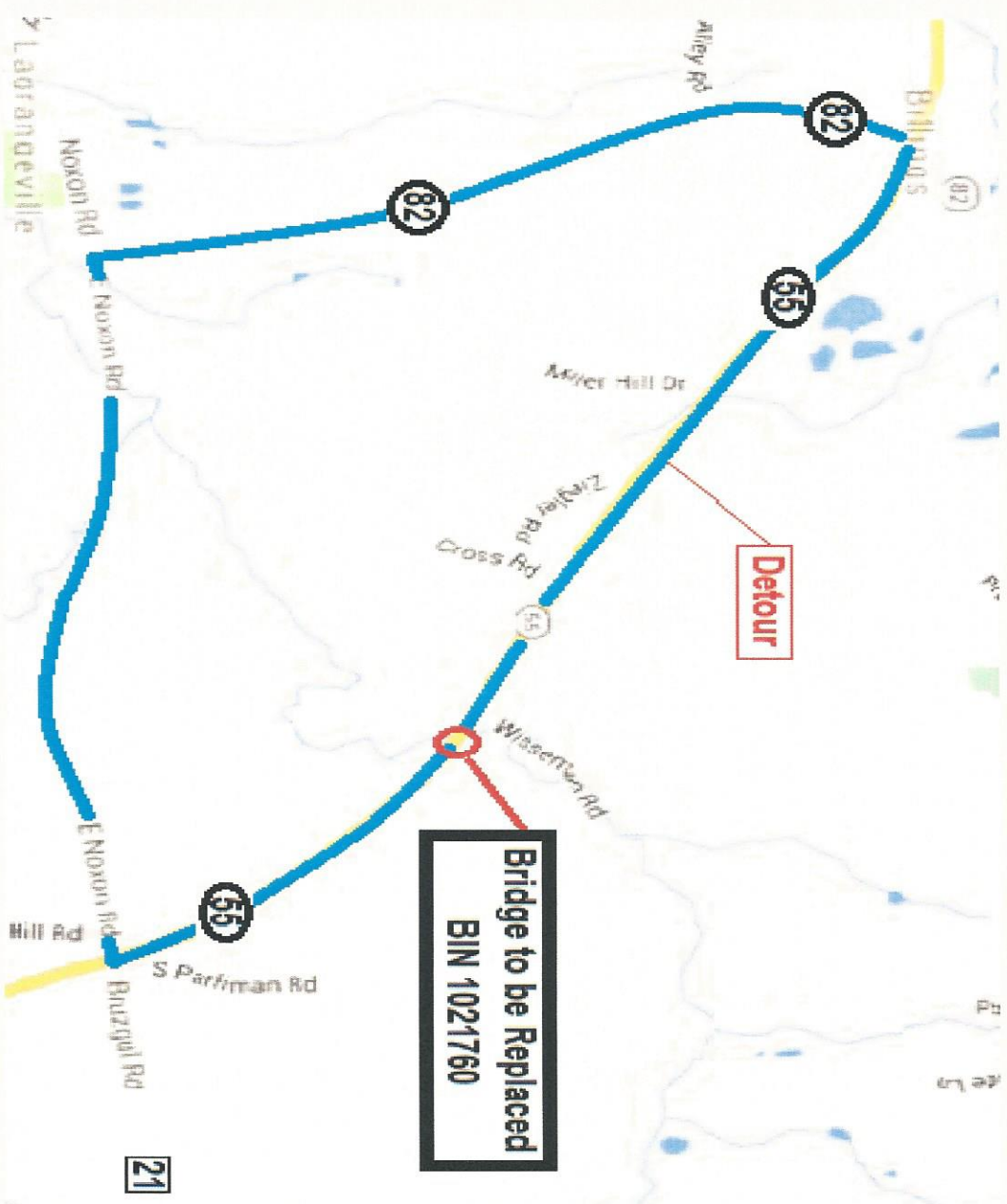


BIN #1027160: Route 55 Over Jackson Creek

Schedule of Activities

	<i>BIN 1021760 - 2016 schedule</i>							
	March	April	May	June	July	Aug		
Utility Work / protection (Work performed under single lane closure during off peak traffic times)		3/16	3/24					
Tree Work and Removal (Work performed under single lane closure during off peak traffic times)		3/16	3/24					
Public Notification and Informational Meeting		3/17						
Implement Detour and begin construction of new bridge and abutments			3/28			7/25	8/1	
Bridge open, detour removed							8/1	
Final Punch list/ Restoration							8/15	

BIN #1027160: Route 55 Over Jackson Creek Construction Detour



Detour approx. 5.2 miles

Detour from westside of bridge to eastside of Bridge

- 1 Travel northwest on Rte. 55 to Rte. 82 (1.5 miles)
- 2 Take Rte. 82 south (1.5 miles) to East Noxon Road/Rte. 21
- 3 Take East Noxon Road/Rte. 21 (1.5 miles) to Rte. 55
- 4 Take Rte. 55 west approx 0.7 miles to eastside of bridge



NEW BRIDGE CONSTRUCTION ELEMENTS

1. Bridge Span lengthened (existing bridge approx. 25'-6" long, new span to be 43'-0" long) to reduce scour and installation of rip rap stone to provide abutment scour protection.
2. Integral Abutment design to reduce maintenance
3. H-Pile foundations bearing on Rock (Total of 16, 8 each side)
4. Reinforced Concrete Abutments and Wing Walls
5. Precast Box beam construction with reinforced concrete deck
6. New pavement approaches to bridge including installation of guard rail meeting current safety standards.

"The Goal of this project is to produce a product that satisfies long term preservation goals, reduces future maintenance requirements and ensures the safety of the traveling public."



PROJECT CONTACTS



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