



REPLACEMENT OF BRIDGE 1050-161 COUNTRY ROUTE 579 OVER NORFOLK SOUTHERN CORP. – LEHIGH VALLEY MAIN LINE

PROJECT INFORMATION SHEET

- LOCATION:** Township of Bethlehem and Borough of Bloomsbury
- FUNDING:** State of New Jersey
- DESCRIPTION:** The replacement of the C.R. 579 Bridge over Norfolk Southern Railroad. The existing one lane structure will be replaced off-line with a new 2 lane bridge.
- PROJECT LIMITS:** **C.R. 579** – 650 Feet ± North of High Street to 550 Feet ± South of Creveling Road
- High Street** – From its intersection with C.R. 579 West to 210 Feet ±
- Staats Road** – From its intersection with C.R. 579 West to 400 Feet ±
- Creveling Road** – From its intersection with C.R. 579 West to 175 Feet ±
- PROPOSED ROAD WIDTH:** 32 Feet on bridge approaches (Two 11 Foot lanes and two 5 Foot shoulders)
- PROPOSED BRIDGE WIDTH:** 36 Feet (Two 12 Foot lanes and two 6 Foot shoulders)
- CONSTRUCTION DURATION:** 12 Months
- DETOURS:** The primary detour route for all traffic will be along State Route 173 between CR 579 and CR 614. This detour will be appropriately signed according to standards and all efforts will be made to limit traffic from Borough streets.
- PROJECT FEATURES:**
- The new bridge and roadway will be designed in accordance with NJDOT design standards.
 - The new bridge will be a single span half through girder truss (pony truss) to closely resemble the look of the existing bridge.



PROJECT FEATURES CONTINUED:

- The new bridge will include shoulders in each direction to accommodate bicycle traffic.
- In order to safely accommodate pedestrians a sidewalk is included on the northbound side.
- Special consideration is being given to the Rural/Historic area of the project. Special treatments that may be incorporated into the design include applying a rural looking façade to the abutments and walls and installing interpretive/gateway signs.
- The horizontal and vertical geometry is being improved where the roadway transitions to the proposed bridge.
- The existing bridge will be dismantled and salvaged for Hunterdon County.
- Stormwater facilities will be upgraded and there are two stormwater management areas to collect and treat stormwater runoff.