

Rehabilitation of **BR 1-680** on SR 141 Basin Road over US 13

Project Highlights

Project Needs

- Significant spalling and delaminating of existing concrete deck
- Deck has full depth spalls and exposed rebar at multiple locations
- Existing girders have been impacted by over height trucks multiple times per year because of the substandard clearance
- Due to the under clearance, the bridge is classified as Functionally Obsolete
- Bridge Steel Beam Superstructure in need of repainting

Project Overview

- This project involves the replacement of the existing concrete deck with a pre-cast concrete deck
- The sidewalk on the SB side will be removed to allow the sidewalk on the NB side to be widened
- Existing vertical clearance will be increased to 14'6" (min.) by jacking the bridge up
- Project will be constructed in the summer due to the close proximity of William Penn High School and George Reed Middle School
- Around the clock work required during SR141 Closure