REPLACEMENT OF BRIDGE NO. BC 4202 - BROENING HIGHWAY OVER COLGATE CREEK AND ASSOCIATED ROADWAY IMPROVEMENTS

LOCATION MAP
REPLACEMENT OF BRIDGE NO. BC 4202 - BROENING HIGHWAY OVER COLGATE CREEK AND ASSOCIATED ROADWAY IMPROVEMENTS

REPLACEMENT OF BRIDGE OVER COLGATE CREEK
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BRIDGE REPLACEMENT PLAN AND SECTION
REPLACEMENT OF BRIDGE NO. BC 4202 - BROENING HIGHWAY OVER COLGATE CREEK AND ASSOCIATED ROADWAY IMPROVEMENTS

EXISTING TYPICAL SECTION

STAGE 1 REMOVAL
REPLACEMENT OF BRIDGE NO. BC 4202 - BROENING HIGHWAY OVER COLGATE CREEK AND ASSOCIATED ROADWAY IMPROVEMENTS

PREPARED FOR:  
PREPARED BY:

801 S Caroline St, Baltimore, MD 21231

TYPICAL SECTION FINAL

STAGE 2 REMOVAL
REASONS FOR BRIDGE REPLACEMENT

- Overall Existing Condition is Poor
- Remaining Service Life is Limited
- Rehabilitation not Cost Effective

CONSTRUCTION ISSUES OF CONCERN

- Duration
- Timing
- Access
- Traffic Impacts
- Staging Areas

TRAFFIC CONTROL OBJECTIVES

- Maximize Safety
- Minimize Traffic Impacts
- Maintain Access into Seagirt and Dundalk Terminals

REPLACEMENT OF BRIDGE NO. BC 4202 - BROENING HIGHWAY OVER COLGATE CREEK AND ASSOCIATED ROADWAY IMPROVEMENTS
CURRENT PROJECT STATUS

- PS&E Submission (100% Complete)
  - Submitted July 21, 2017
  - Currently being reviewed by all agencies
- Estimated Construction Costs
  - Federally funded via TIGER Grant Funds
- Estimated Construction Duration
  - 2 years—1 year per stage

REPLACEMENT OF BRIDGE NO. BC 4202 - BROENING HIGHWAY OVER COLGATE CREEK AND ASSOCIATED ROADWAY IMPROVEMENTS
Proposed Broening Highway Bridge
- 6-Span Concrete Structure
- Two (2) Eastbound and Two (2) Westbound Lanes
- 12'-0" Wide Striped Median
- 5'-0" Wide Sidewalks on Both Sides of Bridge
- Same Alignment

Construction to Occur in Two (2) Stages to Maintain Vehicular and Pedestrian Traffic
- New 20-inch Water Main
- New Electrical Duct Bank (relocated from Colgate Creek)
- 100-Year Service Life for New Bridge

Streetscape on Broening Highway between Boston Street and Holabird Avenue
- New Plantings
- Upgraded ADA Accessible Sidewalks and Ramps
- Mill and Overlay Roadway Surface

Mill and Overlay Roadway Surface on Holabird Avenue from Poncabird Pass to Broening Highway
- Vehicular and Pedestrian Traffic Maintained at all Times