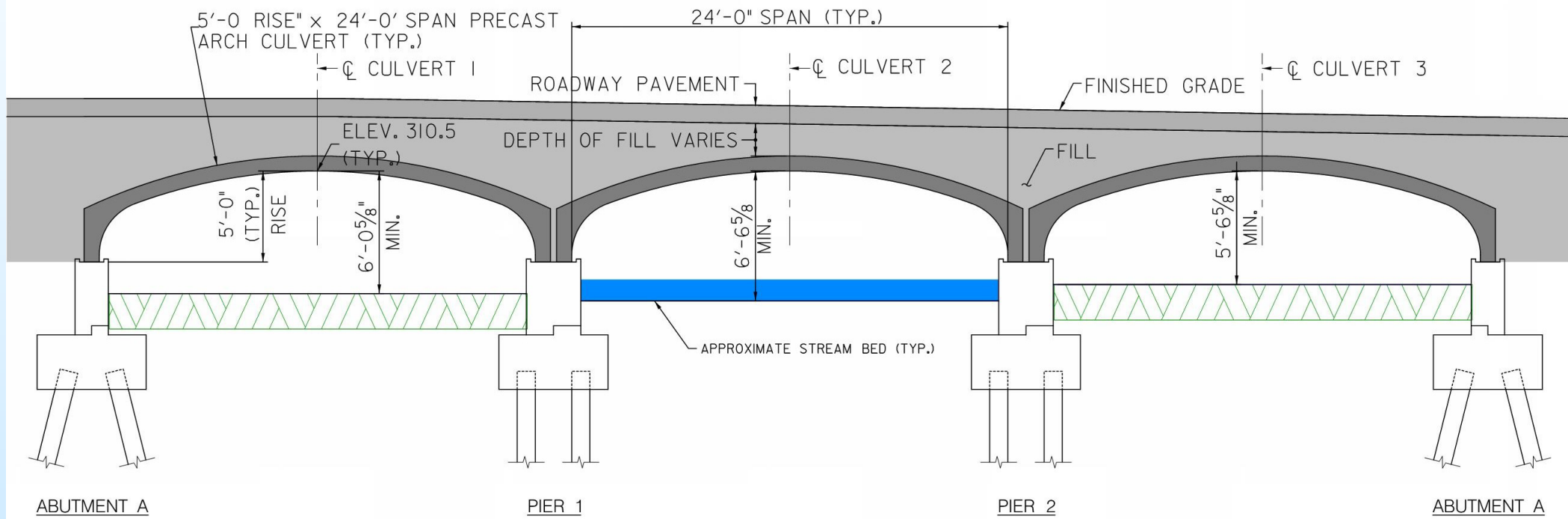


Replacement of Dennis Avenue Bridge No. M-0194 over Sligo Creek Tributary (Wheaton Branch)

Proposed Bridge - Elevation (Upstream)



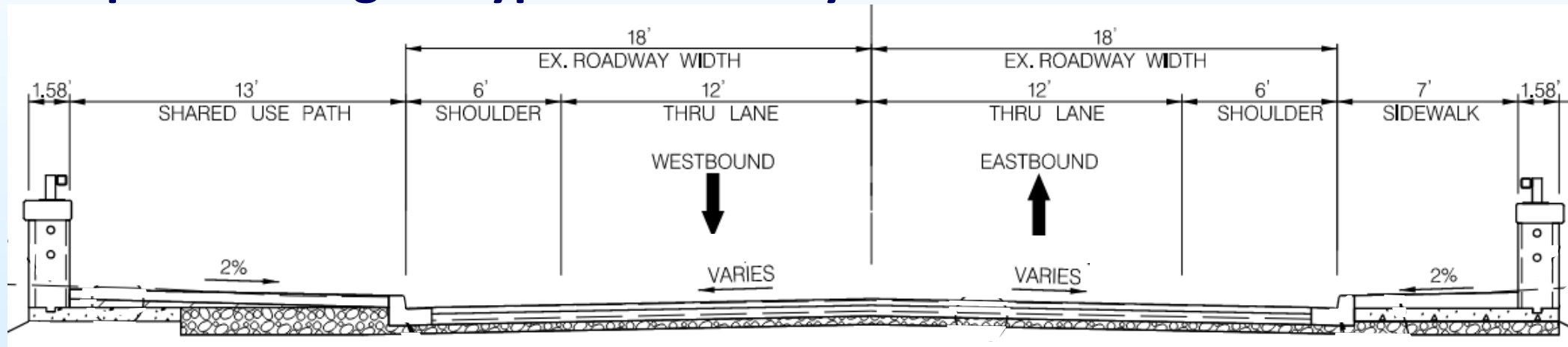
- ◆ Skewed three-cell precast concrete arch culvert (bottomless culverts)
- ◆ Each 24'-0" individual clear spans (80'-0" overall length)
- ◆ Concrete stub abutments and piers on steel piles

PROPOSED BRIDGE

Display C-1

Replacement of Dennis Avenue Bridge No. M-0194 over Sligo Creek Tributary (Wheaton Branch)

Proposed Bridge – Typical Roadway Section



- ◆ Through Lane (two lanes) : 12'-0"
- ◆ Shoulder (both directions) : 6'-0"
- ◆ Clear Roadway : 36'-0"
- ◆ Sidewalk (south side) : 7'-0"
- ◆ Shared Use Path (north side) : 13'-0"
- ◆ Barrier (both sides) : 1'-7"
- ◆ Out-to-out Structure : 59'-2"

PROPOSED BRIDGE

Display C-2

Replacement of Dennis Avenue Bridge No. M-0194 over Sligo Creek Tributary (Wheaton Branch)

Sister Project by DEP - Wheaton Branch Flood Mitigation (CIP Project No. P801710)

- ◆ Be constructed after the bridge replacement project
- ◆ Enlarge Wheaton Branch upstream and downstream of Bridge M-0194
- ◆ Remove sediment in Wheaton Stormwater Management Pond
- ◆ Modify the release structure of the Wheaton Stormwater Management Pond
- ◆ Combined with the bridge replacement project, reduce the floodplain footprint.

Proposed 100-Year Floodplain



PROPOSED BRIDGE
Display C-3

Replacement of Dennis Avenue Bridge No. M-0194 over Sligo Creek Tributary (Wheaton Branch)

Proposed Dennis Avenue Bridge and Wheaton Branch – Bird’s Eye View Looking North



PROPOSED BRIDGE

Display C-4