2 Site Plan and Rendering

Trail Plan

Trail Connection

Typical Details

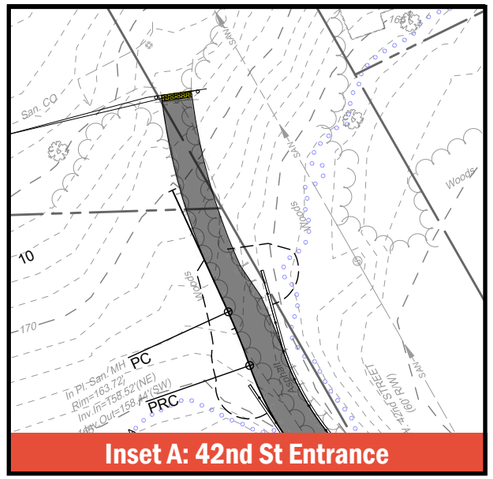
Trail Head Plan

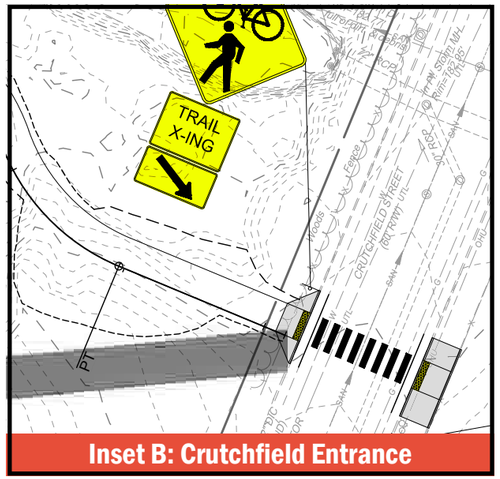
Bridge Plan

Bridge Sections

Trail Plan

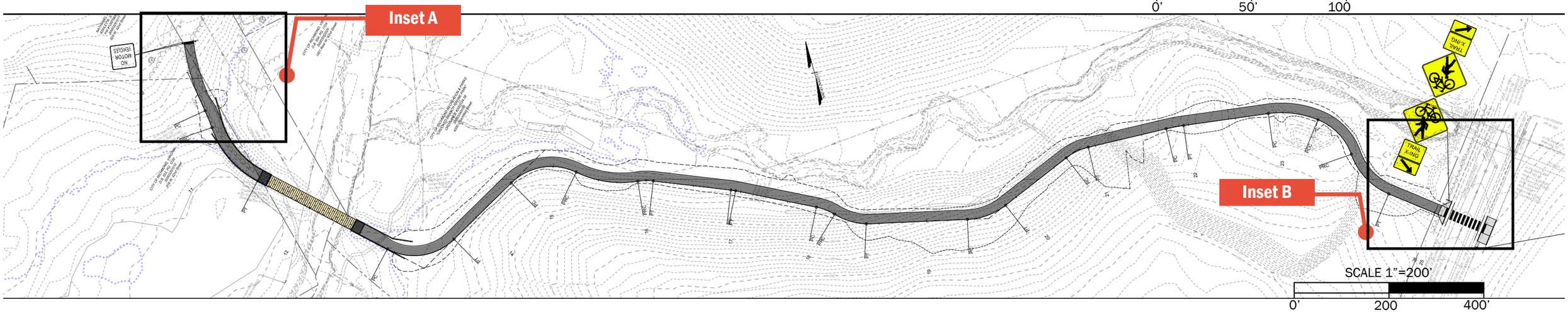
- 10 foot wide path with two foot shoulders
- Design Speed 18 MPH
- Minimum Horizontal Radius 60 feet
- Maximum vertical grade 5.00% slope
- Initial trail surface will crushed stone, final surface paved asphalt
- Curvilinear alignment protects existing trees and provides a scenic user experience
- Retaining walls protect critical speciment trees where the trail may impact root zones
- Pedestrian crossing at Crutchfield with signage and curb ramps to be coordinated with DPW
- Trail to tie into existing asphalt at 42nd

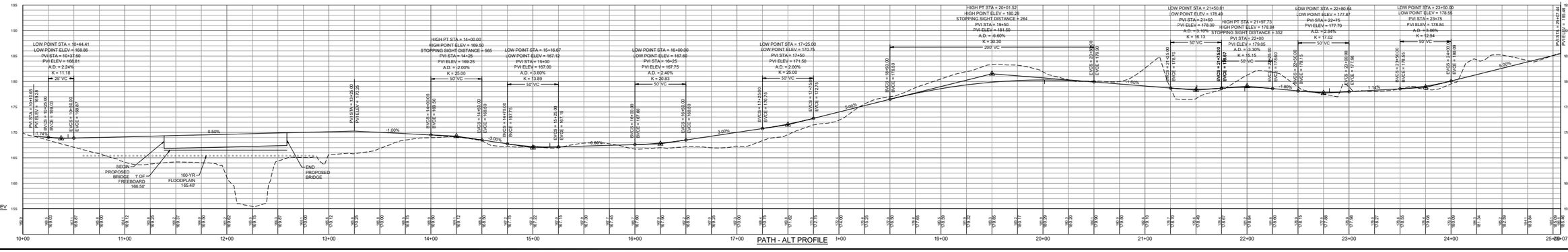




SCALE 1”=50’

0’ 50’ 100

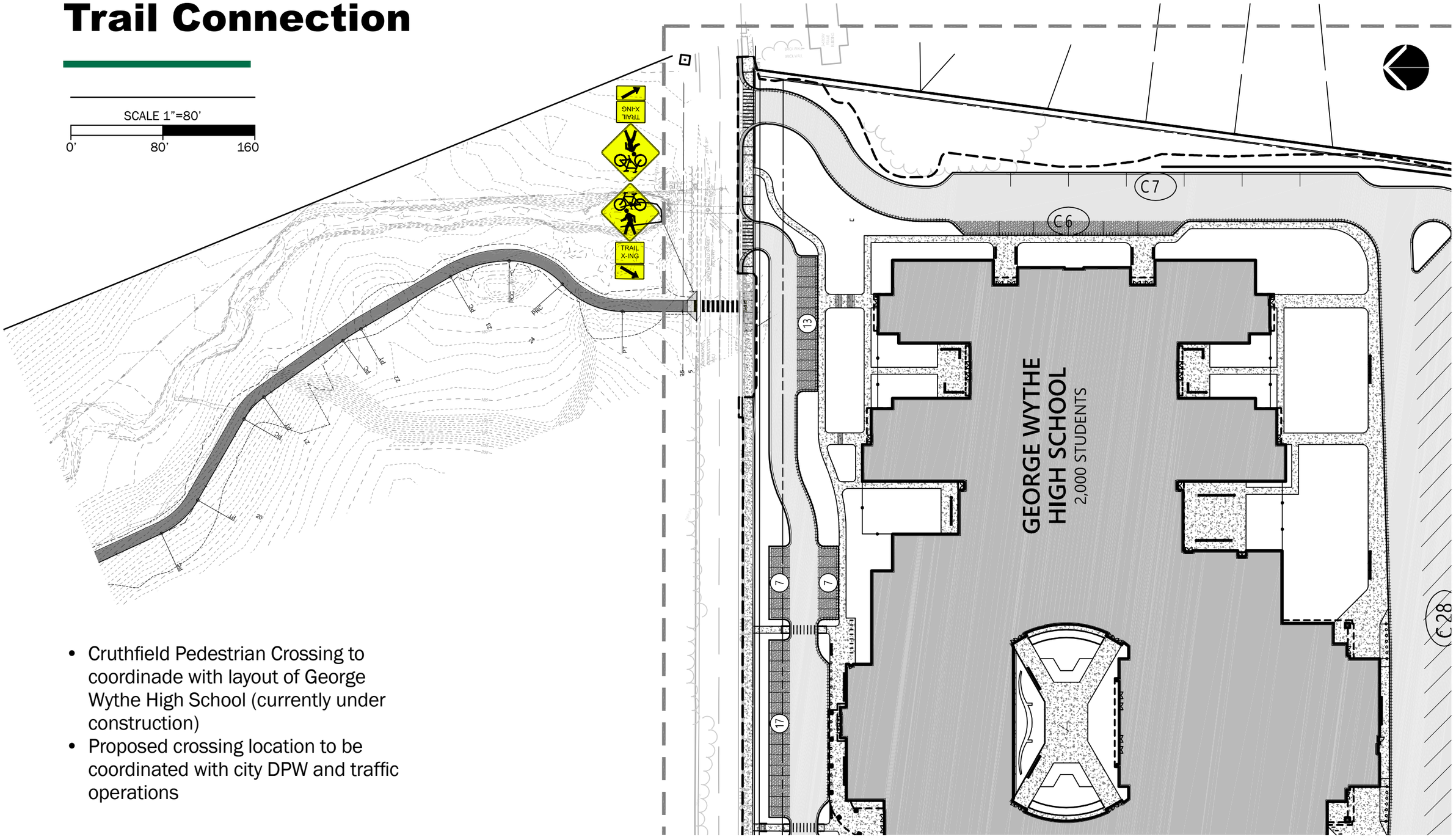




Trail Connection

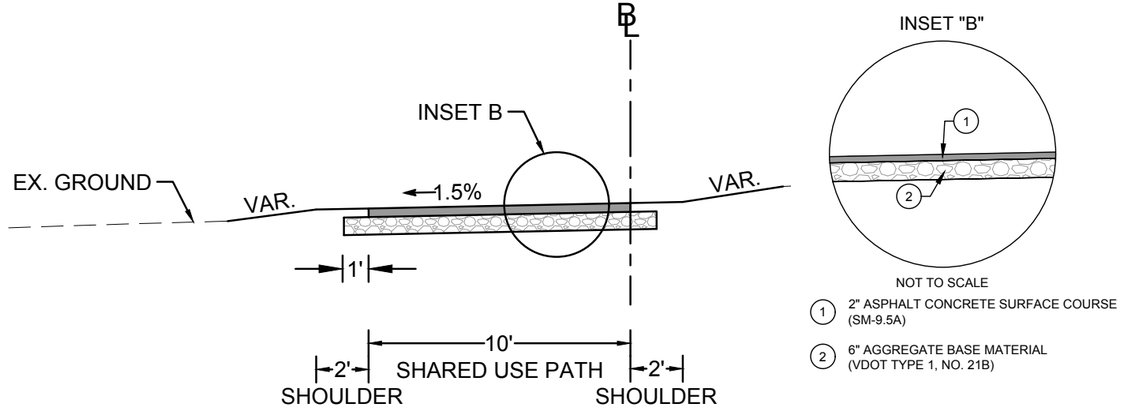
SCALE 1”=80’

0’ 80’ 160

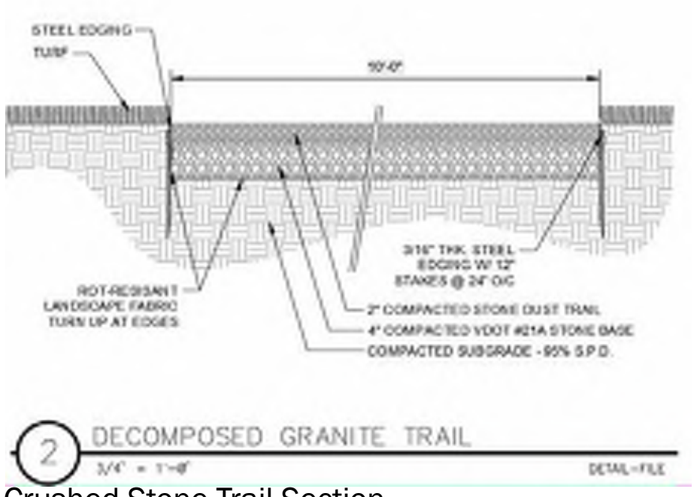


- Cruthfield Pedestrian Crossing to coordinade with layout of George Wythe High School (currently under construction)
- Proposed crossing location to be coordinated with city DPW and traffic operations

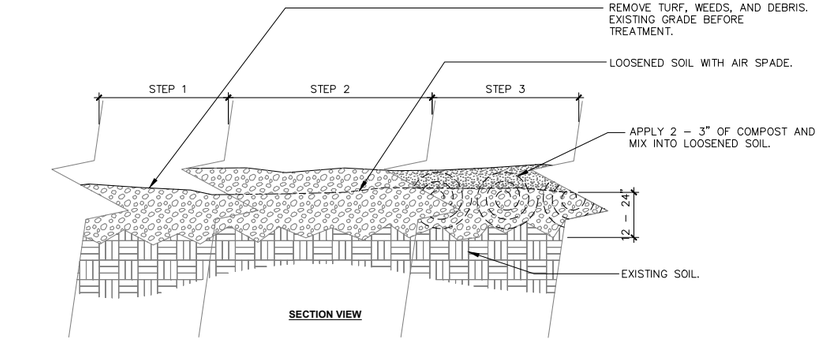
Typical Details



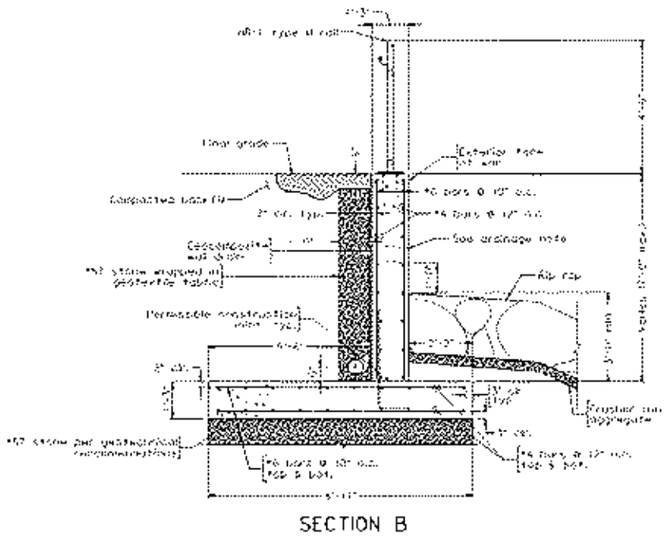
Asphalt Trail Section



Crushed Stone Trail Section



Airspade Detail



Bridge Retaining Wall

Timber Retaining Wall

TIMBER RETAINING WALLS

GENERAL NOTES

1. All lumber shall be 6x6, pressure treated in accordance with American Wood-Preservers' Association standards for ground contact, southern pine, grade #2 or better.
2. All spikes shall be 60d or equivalent, hot-dipped galvanized or stainless steel, and driven into pre-drilled holes. Spikes shall be of sufficient length to penetrate the base member a minimum of 2".
3. Member joints shall be staggered a minimum of 3'-6" from joints of the course above and below.
4. Each 6x6 member shall be secured at each end with 2-60d spikes driven vertically into the member below and . Corners shall be secured with 2-60d spikes, driven horizontally as shown in FIGURE 4.

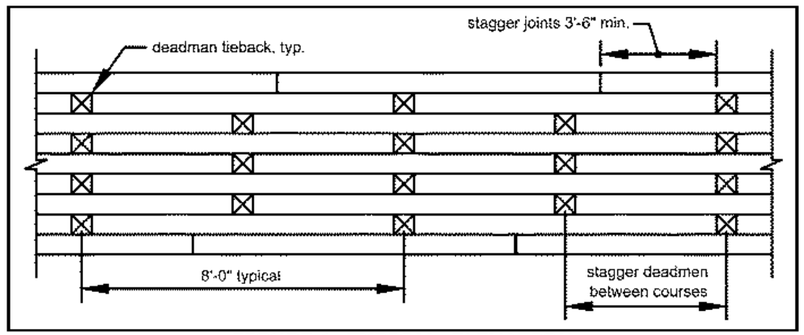


FIGURE 1: TYPICAL ELEVATION

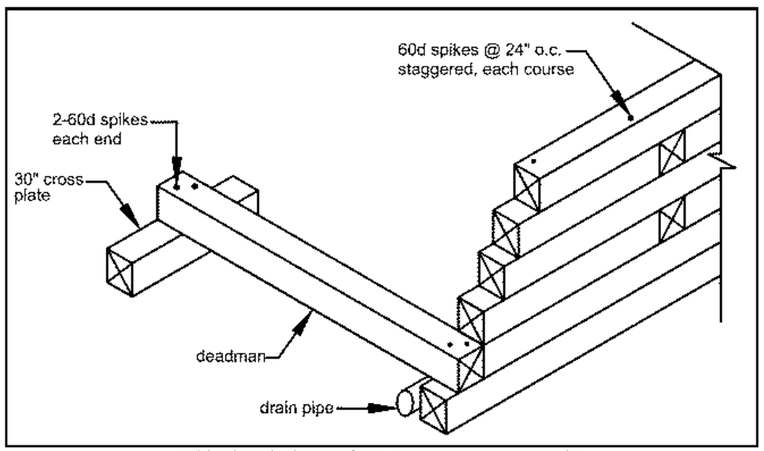


FIGURE 2: TYPICAL DEADMAN DETAIL

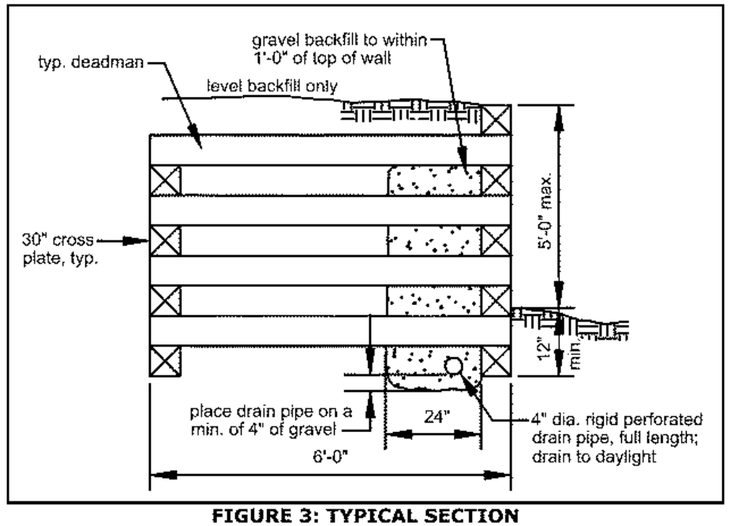


FIGURE 3: TYPICAL SECTION

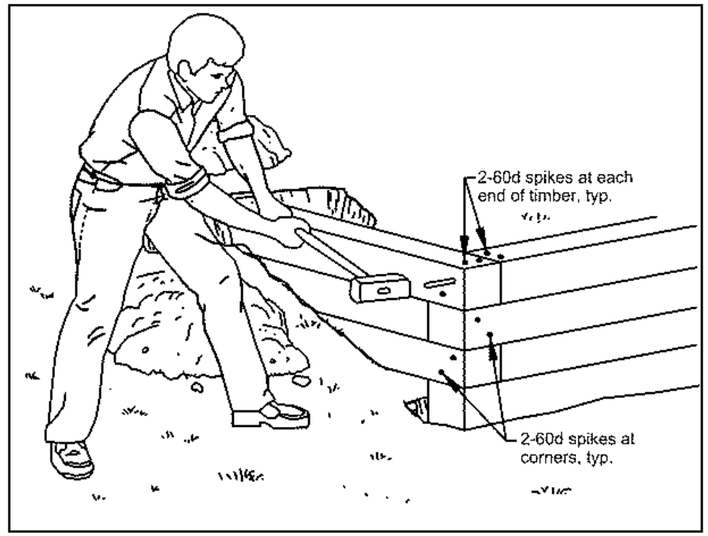
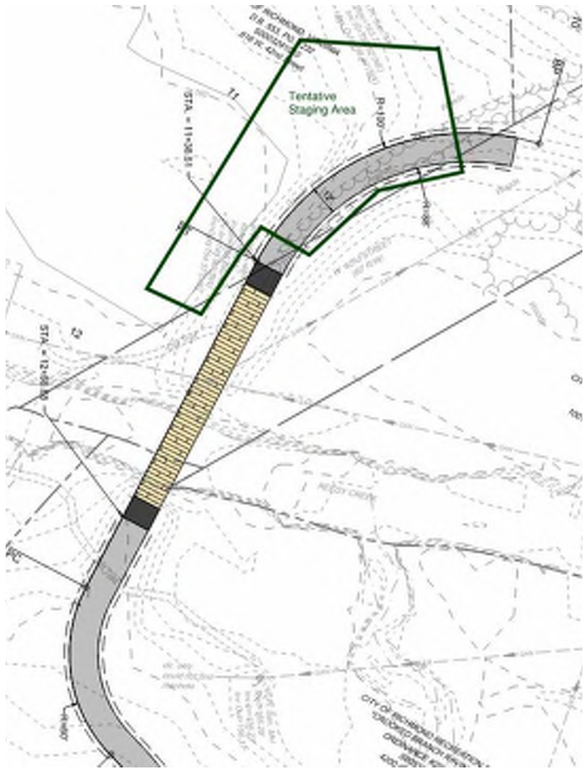


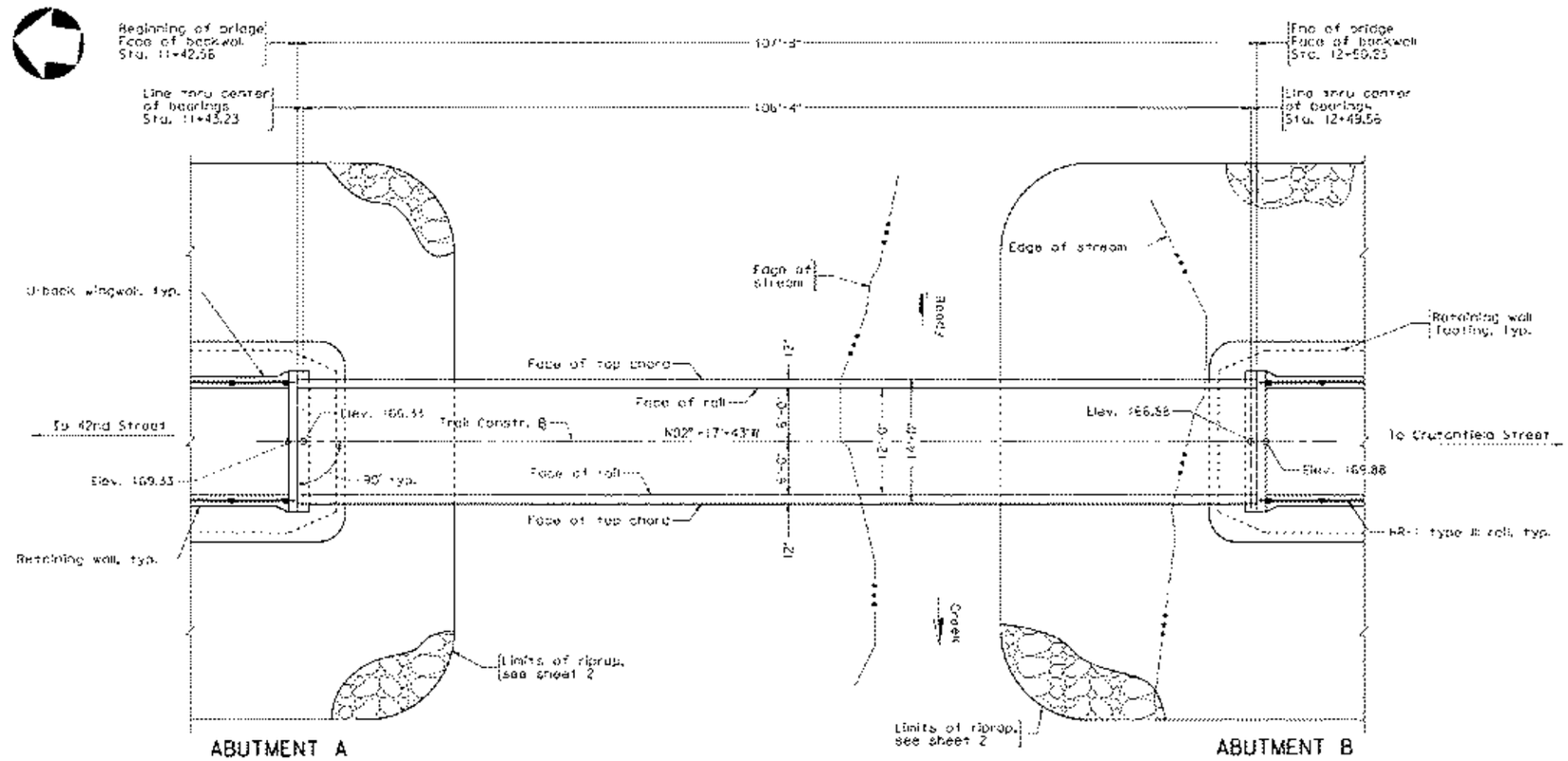
FIGURE 4: TYPICAL CORNER DETAIL

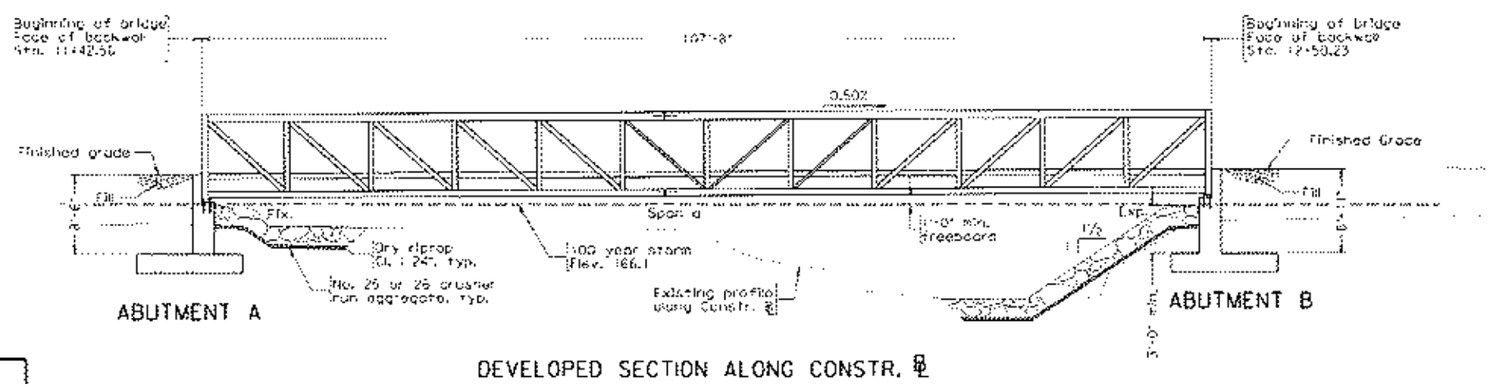
Note: Details from Fairfax County: Typical Retaining Wall Details Based on the 2000 Virginia Uniform Statewide Building Code.

Bridge Plan and Section

- Bridge replacement to reconnect otherwise isolated park areas north and south of Reedy Creek
- 10 foot wide, curb to curb
- 107 feet long
- Designed to clear 100-year flood with 1 foot of free board
- Truss will be prefabricated offsite
- Staging area and crane to be on City propery north of Reedy Creek







Trail Head Plan

1. Wood Chips
2. Bench
3. Trail Signage
4. Trashcan
5. Dog Waste Receptacle
6. Proposed Trail
7. Existing Forested Area
8. Proposed Flowering Tree
9. Connection to be coordinated with DPW and traffic operations upon completion of trail