



POTOMAC YARD SW ENTRANCE STATION AREA SAFETY IMPROVEMENTS

Concept Overview
December 2021

CONTENTS

- Project Overview
- Existing Conditions
- Improvement Concepts

Note: This initial concept will be refined and 30%, 60% and 100% designs will be developed and posted on the website prior to construction.

To provide feedback on the concept, please email Jennifer.Slesinger@alexandriva.gov.

POTOMAC YARD STATION AREA IMPROVEMENTS

SW ACCESS PEDESTRIAN / BICYCLE CONFLICT

**TIMEFRAME: PRIOR TO PY
METRO OPENING**

- Construct improvements at station entrance at Glebe Road and Potomac Ave.
 - Project will address potential bike/ped conflicts at the trail as well as existing concerns at and approaching the intersection



EXISTING CONDITIONS

E Glebe Road at Potomac Avenue – Looking East

Location of
South Pavilion



EXISTING CONDITIONS

Potomac Avenue at E Glebe Road – Looking North

Location of
South Pavilion



SITE CHALLENGES

Existing Conditions

- Long crossing distances
- Conflicts with turning vehicles
- Conflicts between pedestrians and bicyclists in the crosswalk

Potential Future Conditions:

- Increased Metro-related traffic increases conflicts between people walking, biking, and driving



IMPROVEMENT CONCEPTS: ON ROAD

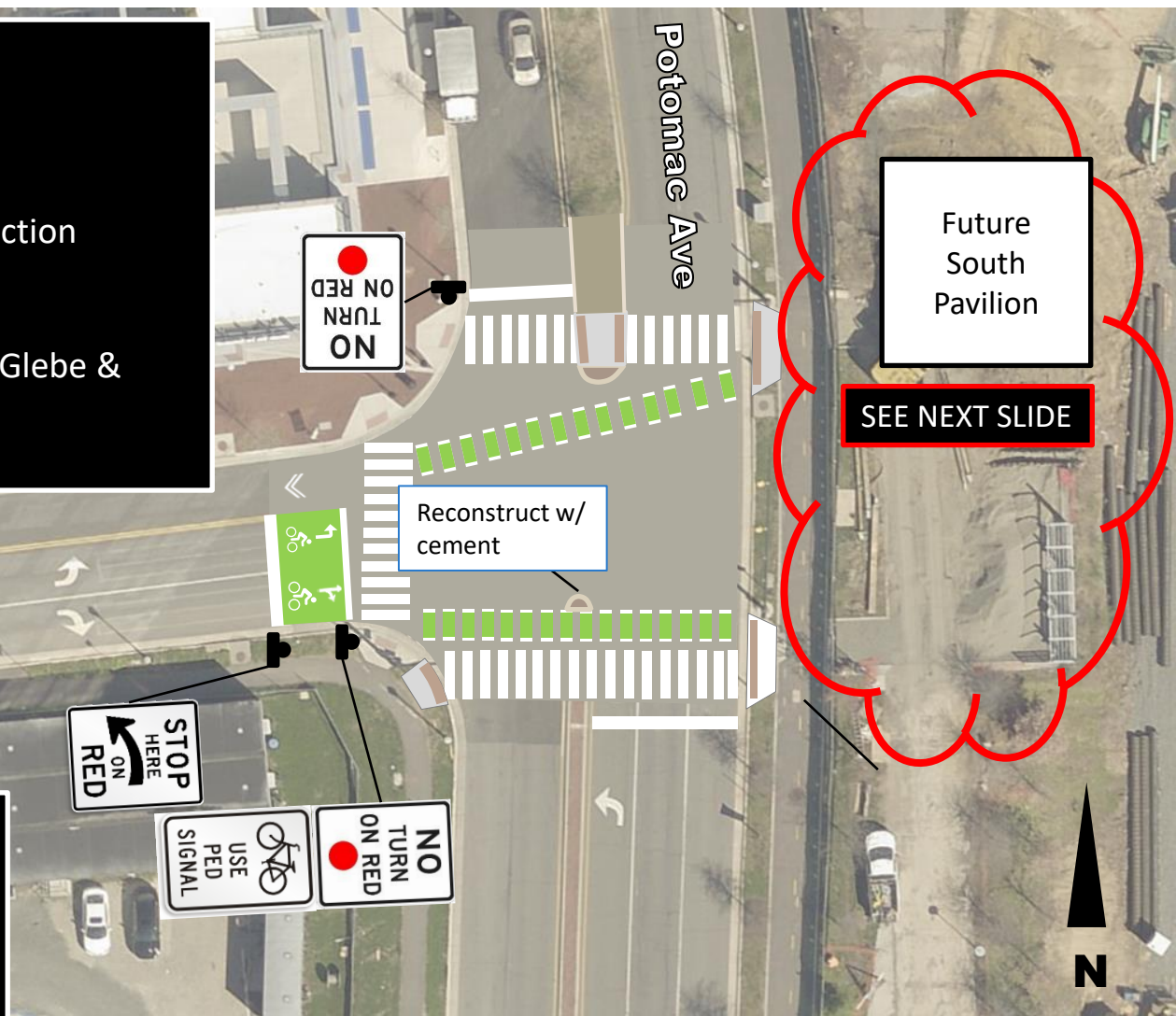
Potomac Ave & Glebe Rd Proposed Improvements:

Pictured:

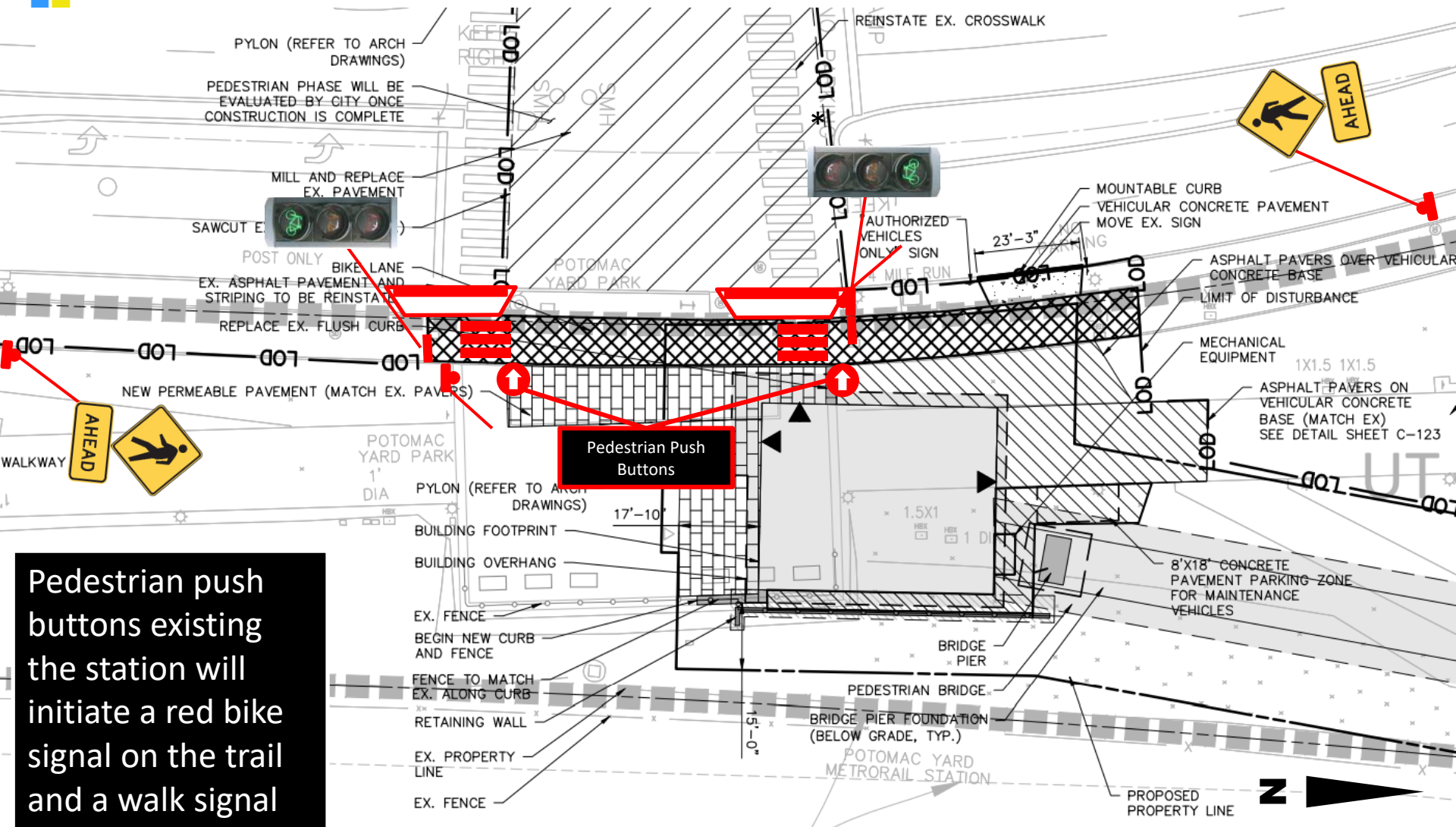
- Bike box
- Bike guide markings through intersection
- Extended median on north side
- No Turn on Red restrictions
- Rectangular Rapid Flash Beacons at Glebe & Dogue St
- Widened curb ramps

Not Pictured:

- Bicycle detection
- Exclusive pedestrian (and bike) signal phases
- Speed feedback signs N. of intersection



IMPROVEMENT CONCEPTS: TRAIL CROSSING



Pedestrian push buttons existing the station will initiate a red bike signal on the trail and a walk signal crossing the intersection.

