

OLD CEDAR AVENUE BRIDGE OVER LONG LAKE REHABILITATION PROJECT



PROJECT CONTEXT



WEST APPROACH - SITE BASE PLAN



WEST APPROACH - SITE CONCEPT PLAN OVERVIEW

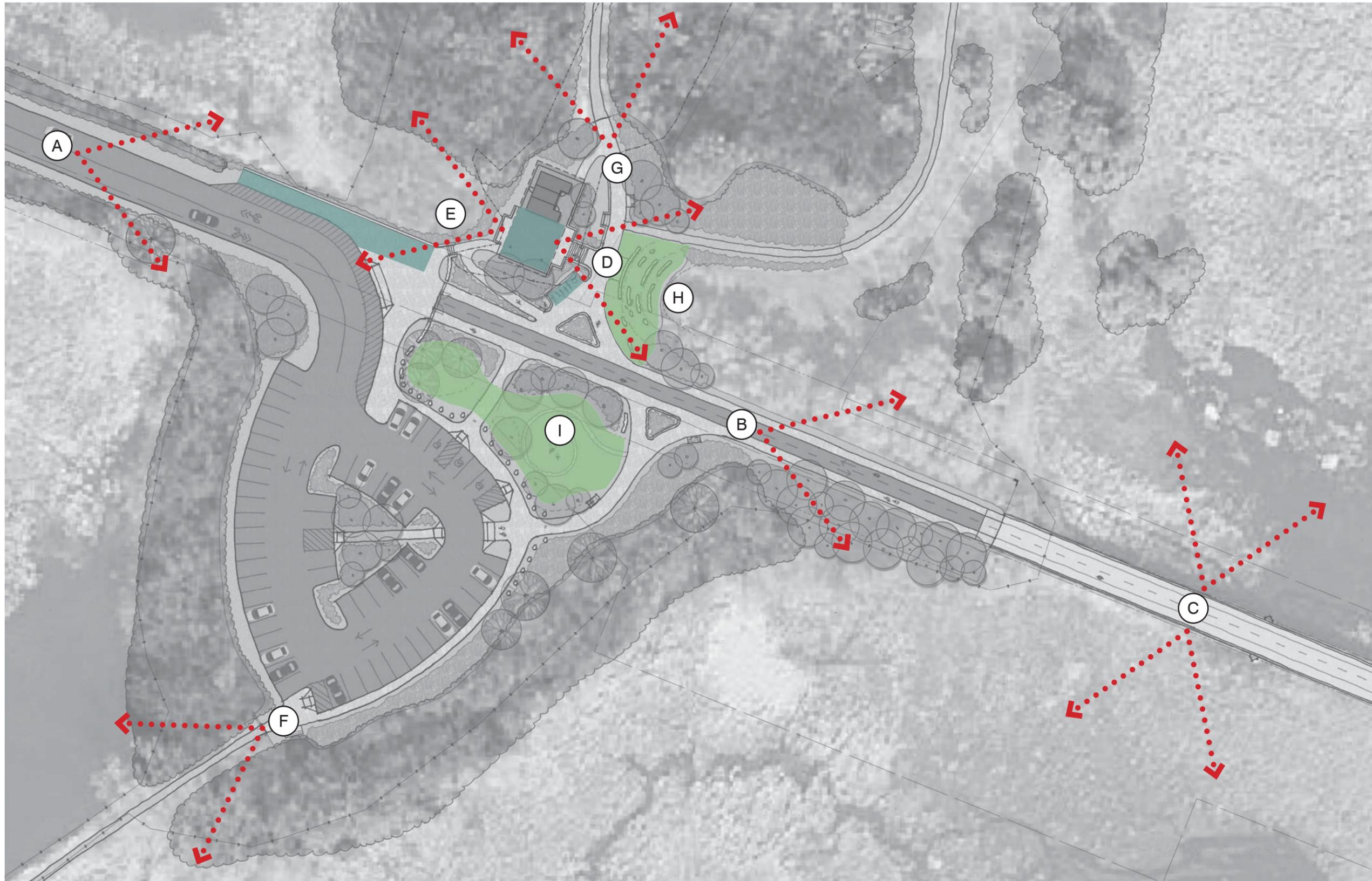


SITE PLAN KEY

- 1 BRIDGE
- 2 ROADWAY APPROACH
- 3 VISITOR PARKING
- 4 SCHOOL BUS DROP-OFF
- 5 ENTRANCE SIGN/GATE
- 6 TRAIL TRANSITION AREA
- 7 SHELTER/
OUTDOOR CLASSROOM
- 8 RESTROOMS
- 9 BICYCLE PARKING/
DRINKING FOUNTAIN
- 10 NATURAL AMPHITHEATER/
LANDFORM PLAY AREA
- 11 PICNIC LAWN/
LANDFORM PLAY AREA
- 12 STORMWATER TREATMENT
AREA FOR BUILDING
- 13 EMBANKMENT
REFORESTATION AREA
- 14 POTENTIAL INVASIVE
VEGETATION
MANAGEMENT AREA



WEST APPROACH - PRIMARY VIEWS AND INTERPRETIVE POINTS



LEGEND

- A ROADWAY APPROACH
- B BRIDGE APPROACH
- C FROM BRIDGE
- D FROM SHELTER (EAST)
- E FROM SHELTER (WEST)
- F BLUFF TRAIL
- G HOG BACK RIDGE TRAIL
- H STONE LEDGE SEATING
- I STEPPING STONE PATH

- GATHERING SPACE
- NATURAL PLAY AREA



BUILDING PLACEMENT - PRIMARY VIEWS



VIEW EAST TOWARDS LONG MEADOW LAKE AND BRIDGE (EARLY SPRING)



VIEW EAST TOWARDS LONG MEADOW LAKE AND BRIDGE (SUMMER)

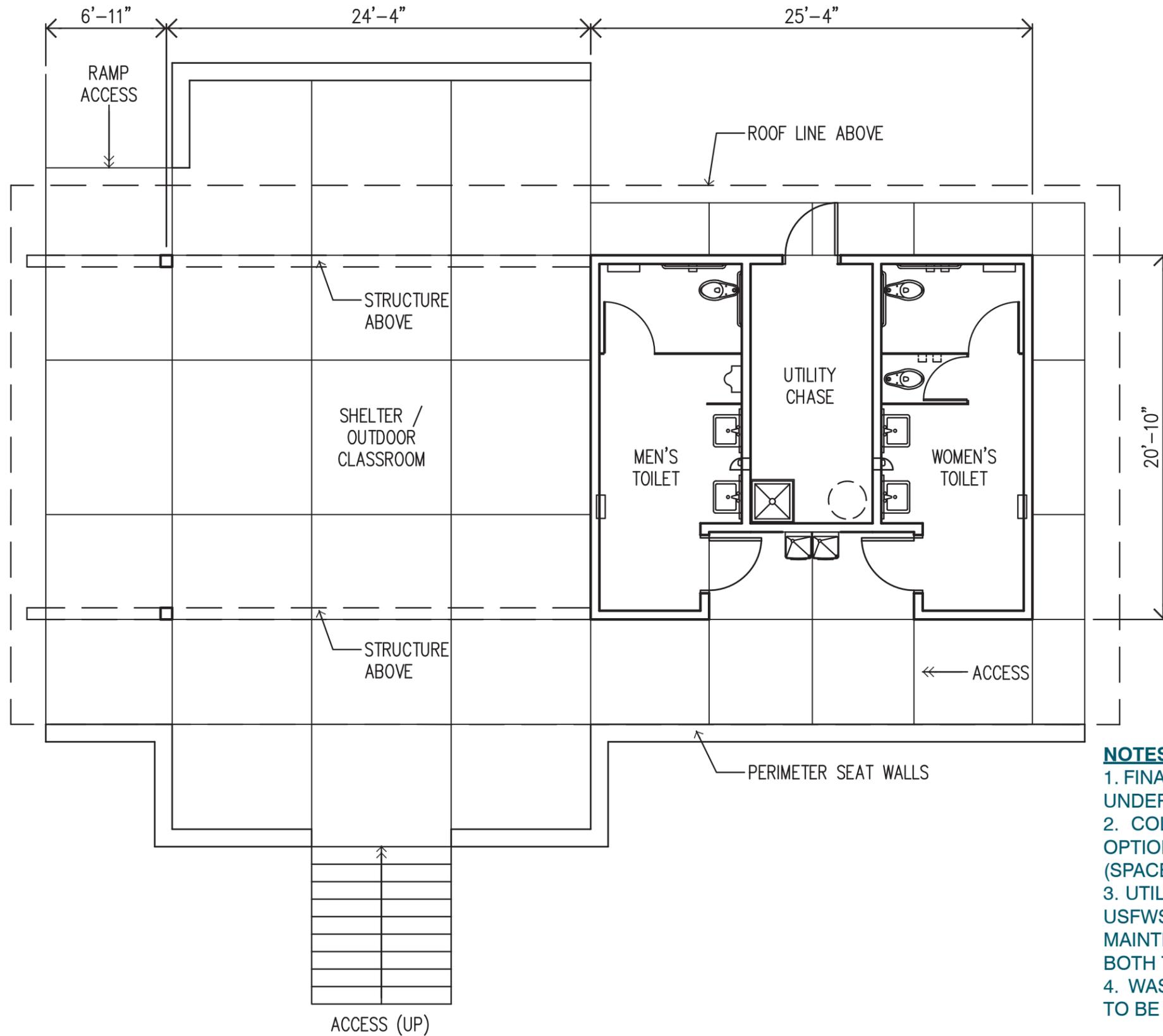


VIEW WEST TOWARDS KIDDER MARSH



VIEW NORTH ALONG HOGBACK RIDGE TRAIL

SHELTER/TOILET BUILDING - CONCEPT FLOOR PLAN



- NOTES:**
1. FINAL NUMBER OF FACILITIES PER GENDER UNDER REVIEW
 2. COLD WATER SERVICE PROVIDED WITH OPTION TO ADD WATER HEATER IN FUTURE (SPACE AVAILABLE WITHIN UTILITY ROOM)
 3. UTILITY ROOM TO PROVIDE STORAGE FOR USFWS TABLES AND CHAIRS, BUT ALSO FOR MAINTENANCE OF PLUMBING FIXTURES FOR BOTH TOILET ROOMS
 4. WASTEWATER TANK STORAGE LOCATION TO BE DETERMINED

SHELTER/TOILET BUILDING - CONCEPT DESIGN - VIEW NORTH



SHELTER/TOILET BUILDING - CONCEPT DESIGN - VIEW NORTHWEST



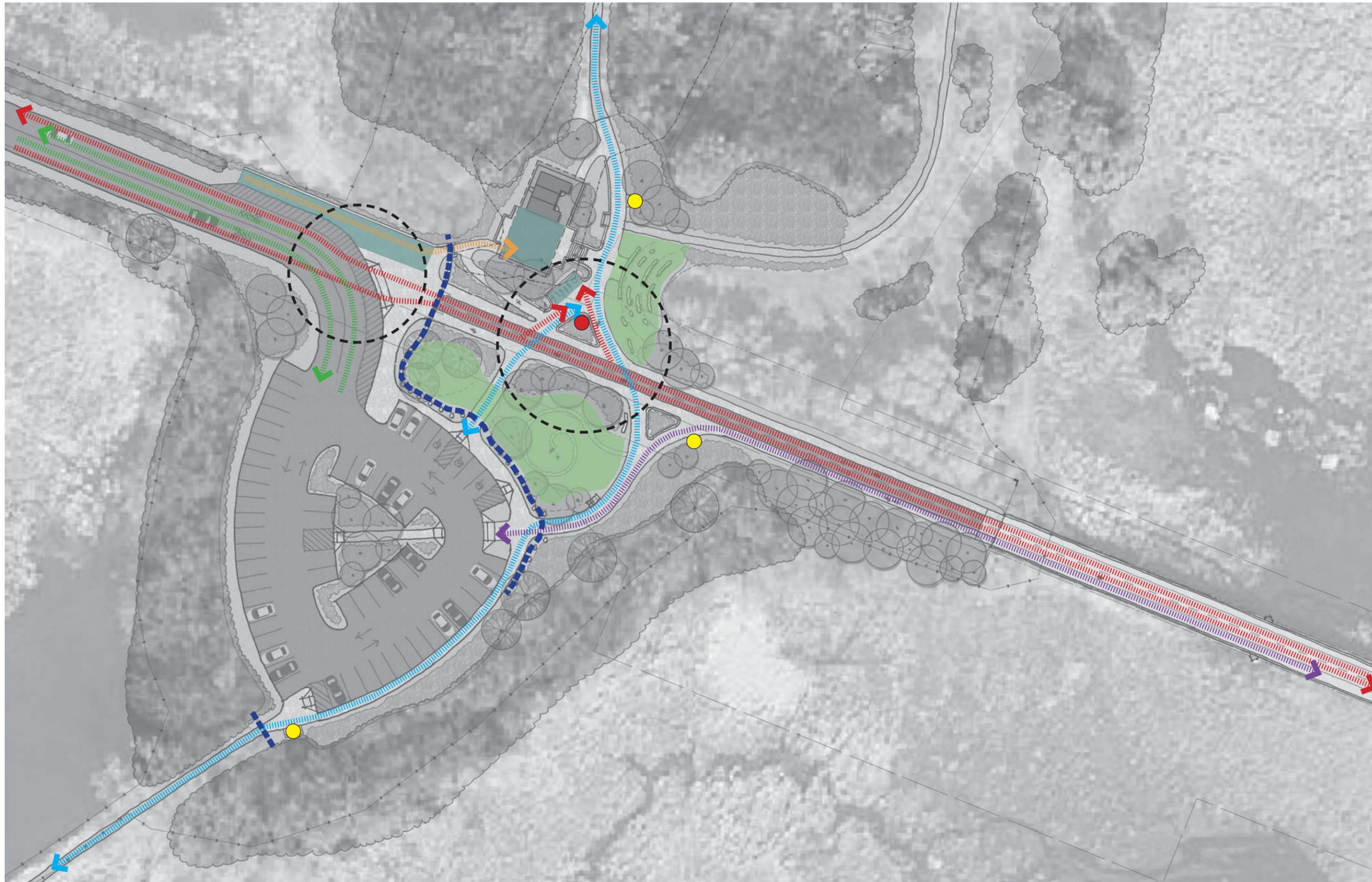
SHELTER/TOILET BUILDING - CONCEPT DESIGN - VIEW SOUTHEAST



WEST APPROACH - SITE SECTION 1

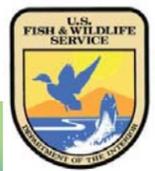


WEST APPROACH - ACCESS, CIRCULATION, AND WAYFINDING



LEGEND

- MOTORIST
- BICYCLISTS
- PEDESTRIANS TO BRIDGE
- REFUGE TRAIL HIKERS
- SCHOOL GROUPS
- CONTROLLED ACCESS
- GATHERING SPACE
- NATURAL PLAY AREA
- PRIMARY WAYFINDING POINT
- SECONDARY WAYFINDING POINT



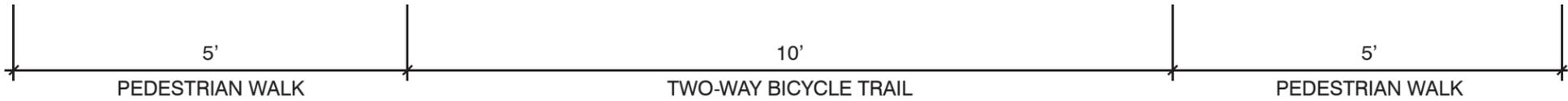
WEST APPROACH - SITE CONCEPT PLAN ENLARGEMENT



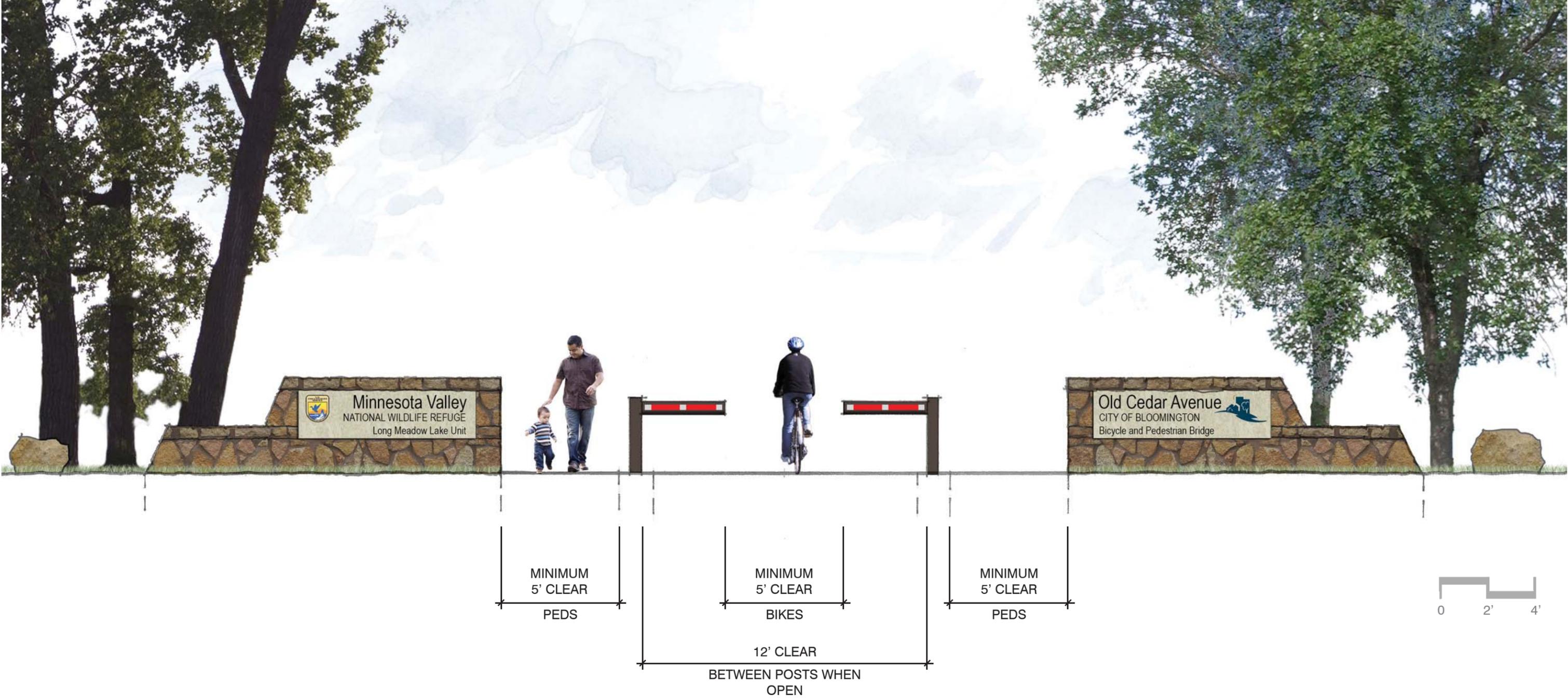
WEST APPROACH - MAIN TRAIL EXISTING VIEW



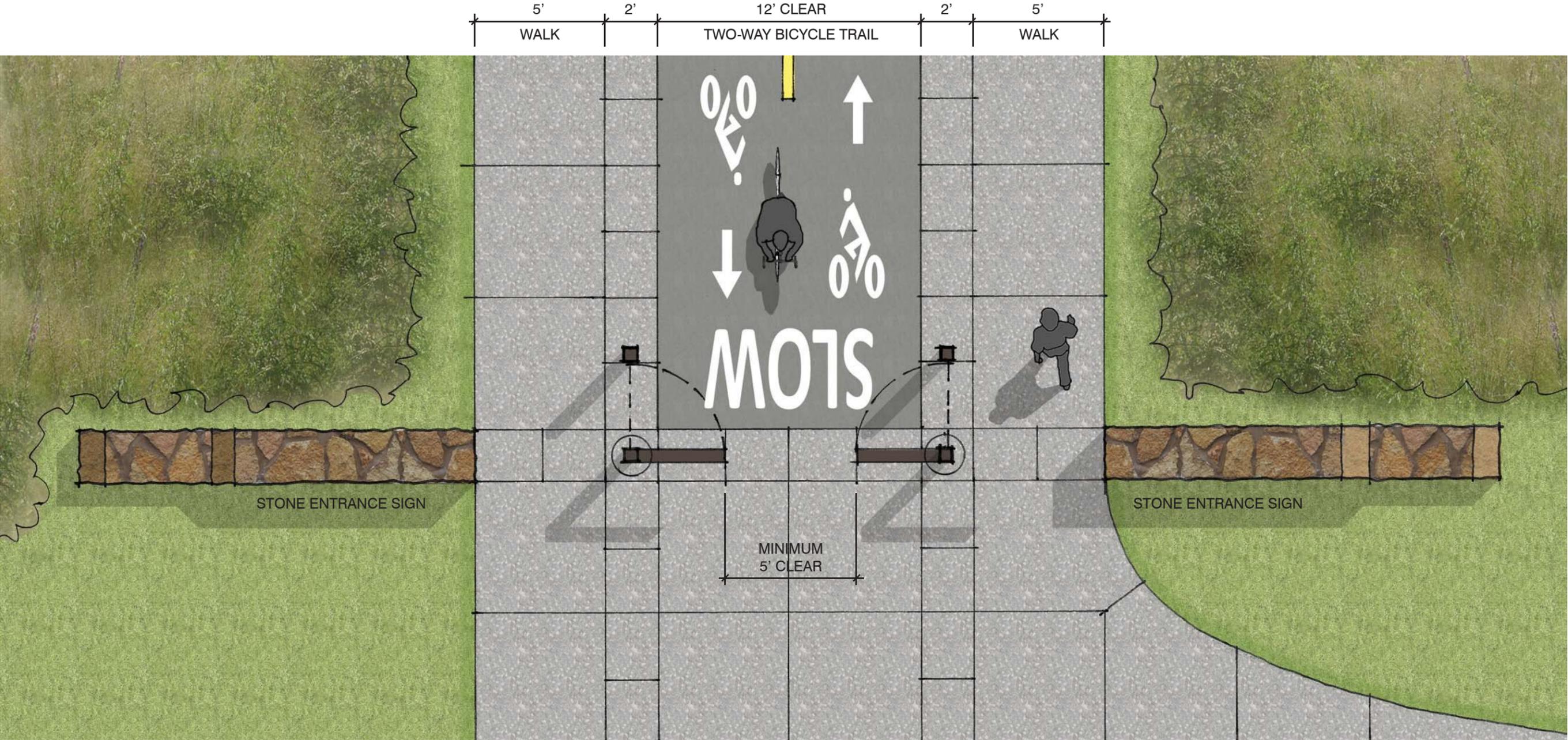
WEST APPROACH - MAIN TRAIL PERSPECTIVE VIEW



WEST APPROACH - ENTRANCE GATE OPTION A



WEST APPROACH - ENTRANCE GATE OPTION A





LIMESTONE SITE WALLS



EXPOSED AGGREGATE SIDEWALK PAVEMENT



AMPHITHEATER LIMESTONE BLOCK SEATING



SPIRAL PATH LIMESTONE PAVING



NATURAL SURFACE TRAILS



ROUGH LIMESTONE BLOCKS FOR ACCESS CONTROL



TRAIL ENTRY GATE



BICYCLE PARKING



DRINKING FOUNTAIN / WATER BOTTLE FILLING STATION



EXISTING WAYFINDING / INTERPRETIVE KIOSK TO BE RELPACED (FINAL DETAILING TO BE DETERMINED)



REFUGE TRAIL SIGN POST



SMALLER INTREPRETIVE PANELS ALONG TRAILS

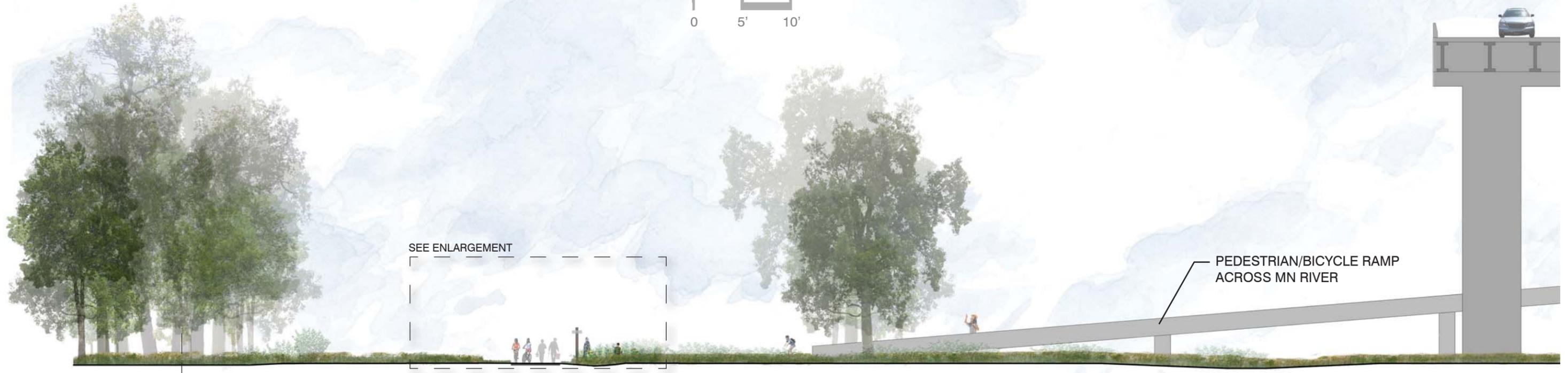
EAST APPROACH - SITE CONCEPT PLAN



EAST APPROACH - SITE SECTION 2



SECTION ENLARGEMENT



SEE ENLARGEMENT

PEDESTRIAN/BICYCLE RAMP
ACROSS MN RIVER

EXISTING RIGHT OF WAY

10'
TRAIL
TO BRIDGE

TH 77 BRIDGE



NOTE: FINAL
TRAIL WIDTH
T.B.D.

EAST APPROACH - SITE SECTION 3



WAYFINDING SIGNAGE



EXISTING VIEW NEAR THE OLD CEDAR AVE. / OLD SHAKOPEE RD. INTERSECTION APPROACH



SITE APPROACH DOWN OLD CEDAR AVE.



PRELIMINARY SIGN CONCEPT