

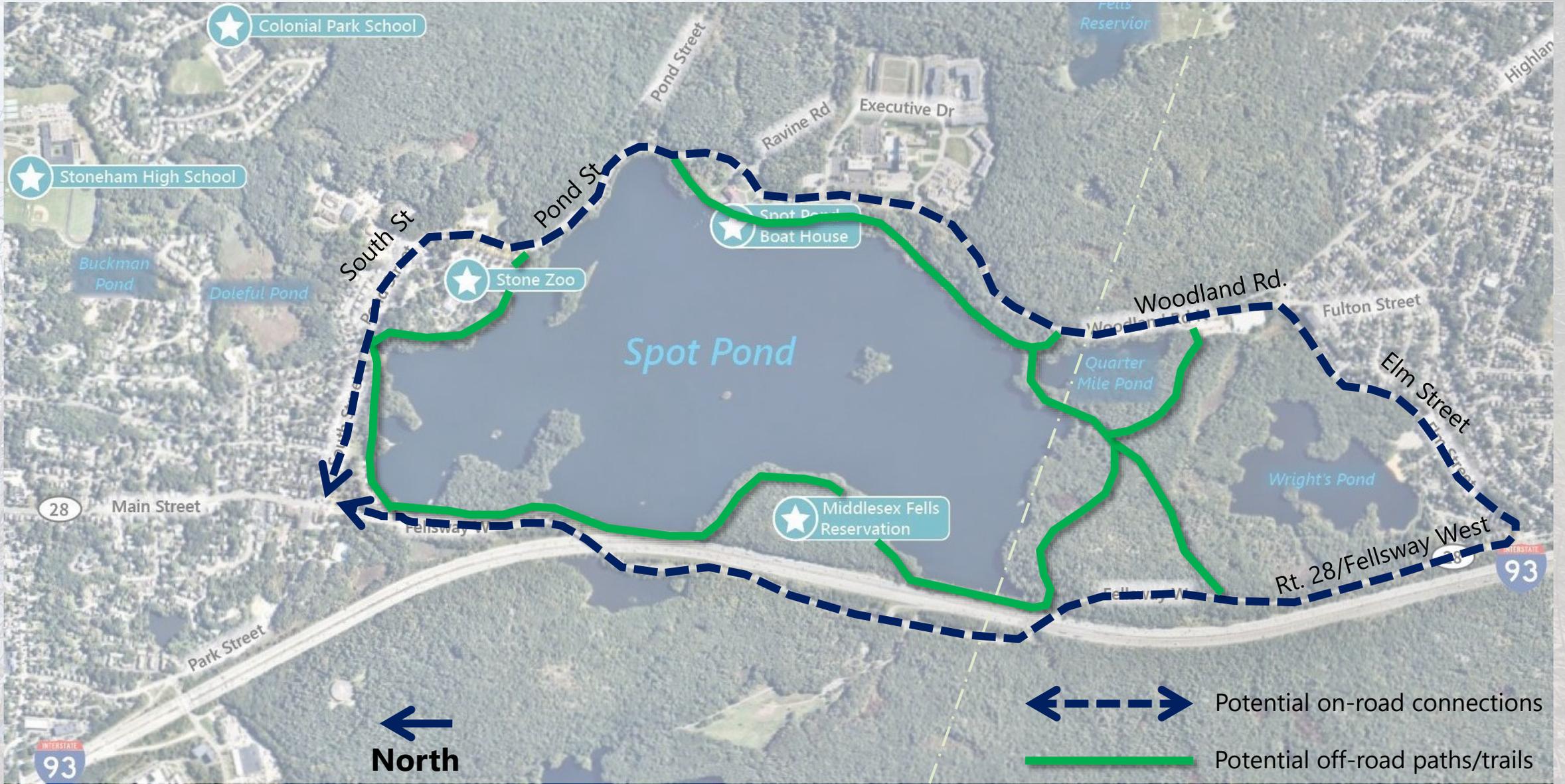


Spot Pond Circumferential Trail Project

Study and Preliminary Design



Study Area



Draft Project Goals

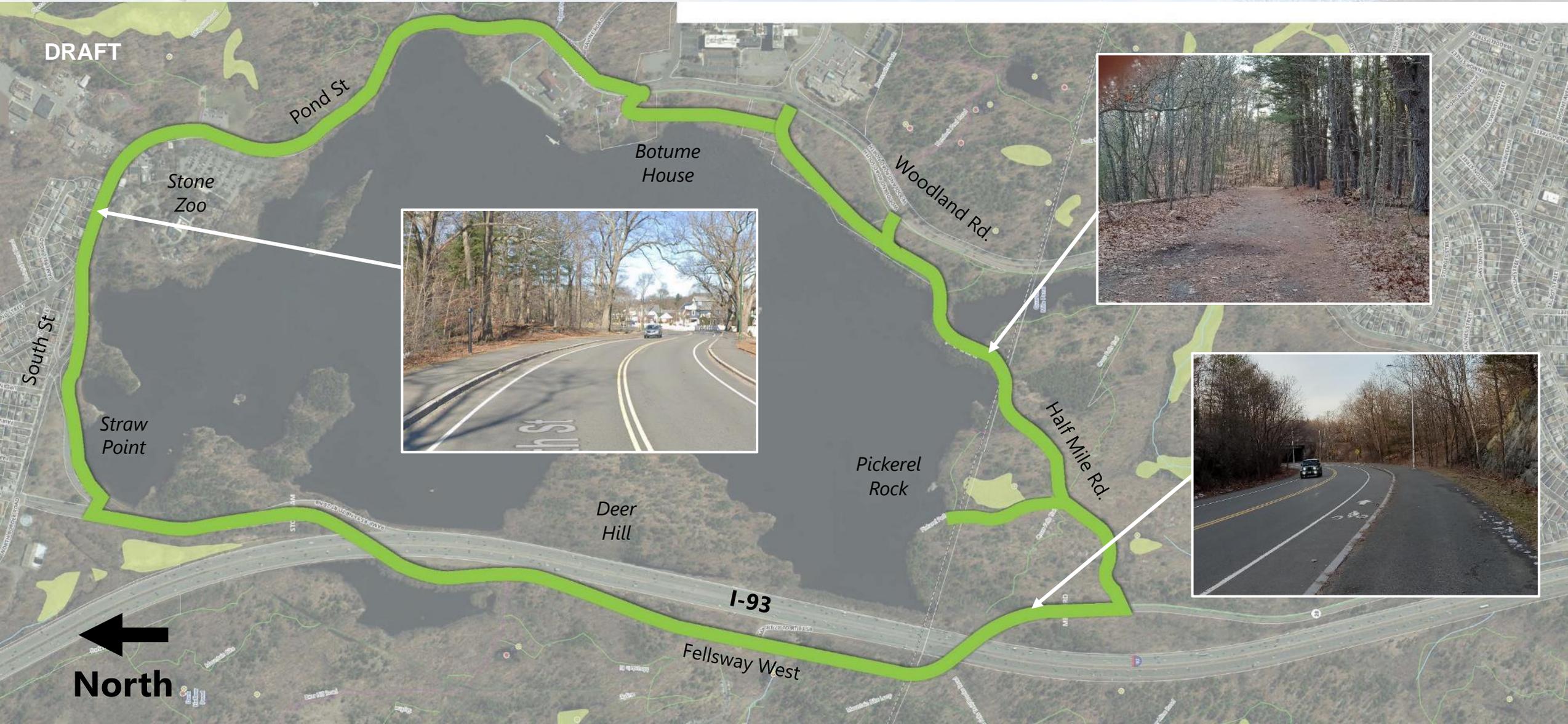
- **Safety:** develop a safe and comfortable non-motorized route around Spot Pond that minimizes the need for on-street bike facilities
- **Connectivity:** create a fully-connected, ADA-accessible route and nature trail around Spot Pond that improves links to downtown Stoneham and other destinations
- **Efficiency:** incorporate existing paths/trails and DCR parkways to lower costs, minimize impact on the surrounding landscape, and create a better balance for all users
- **Environmental:** design trail routes that minimize permitting and mitigates impact on environmental and cultural resources
- **Aesthetics:** integrate existing environmental features, trailheads, and pond views to enhance the aesthetic experience



Circumferential Trail Loop Diagram

LEGEND

 Accessible shared-use path loop



Circumferential Trail Loop Diagram

LEGEND

- Designated road diet with buffered bike lanes
- Buffered bike lanes
- Standard 5' wide bike lanes
- Turn lane and/or shared lane
- Accessible shared-use path loop
- Wider sidewalk
- Intersection redesign



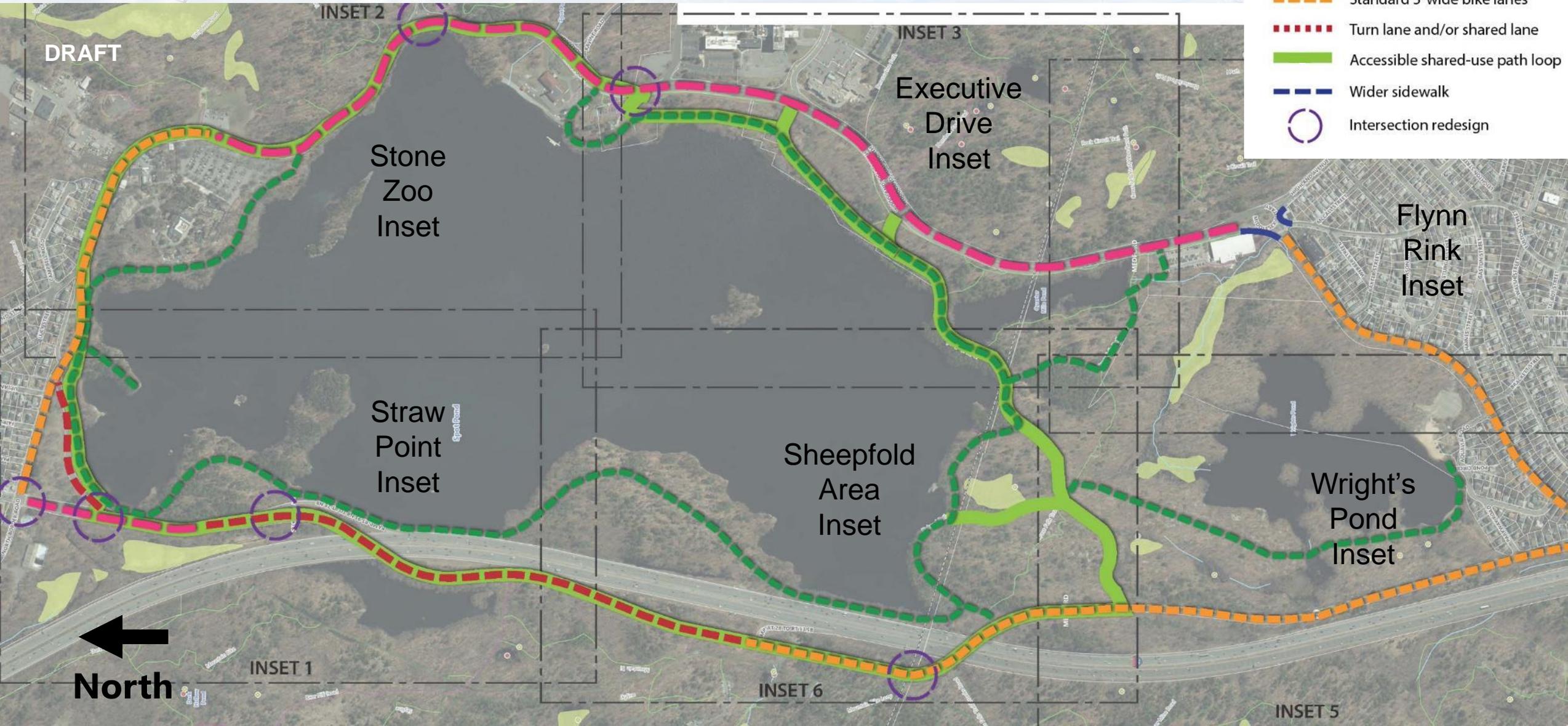
DRAFT

North

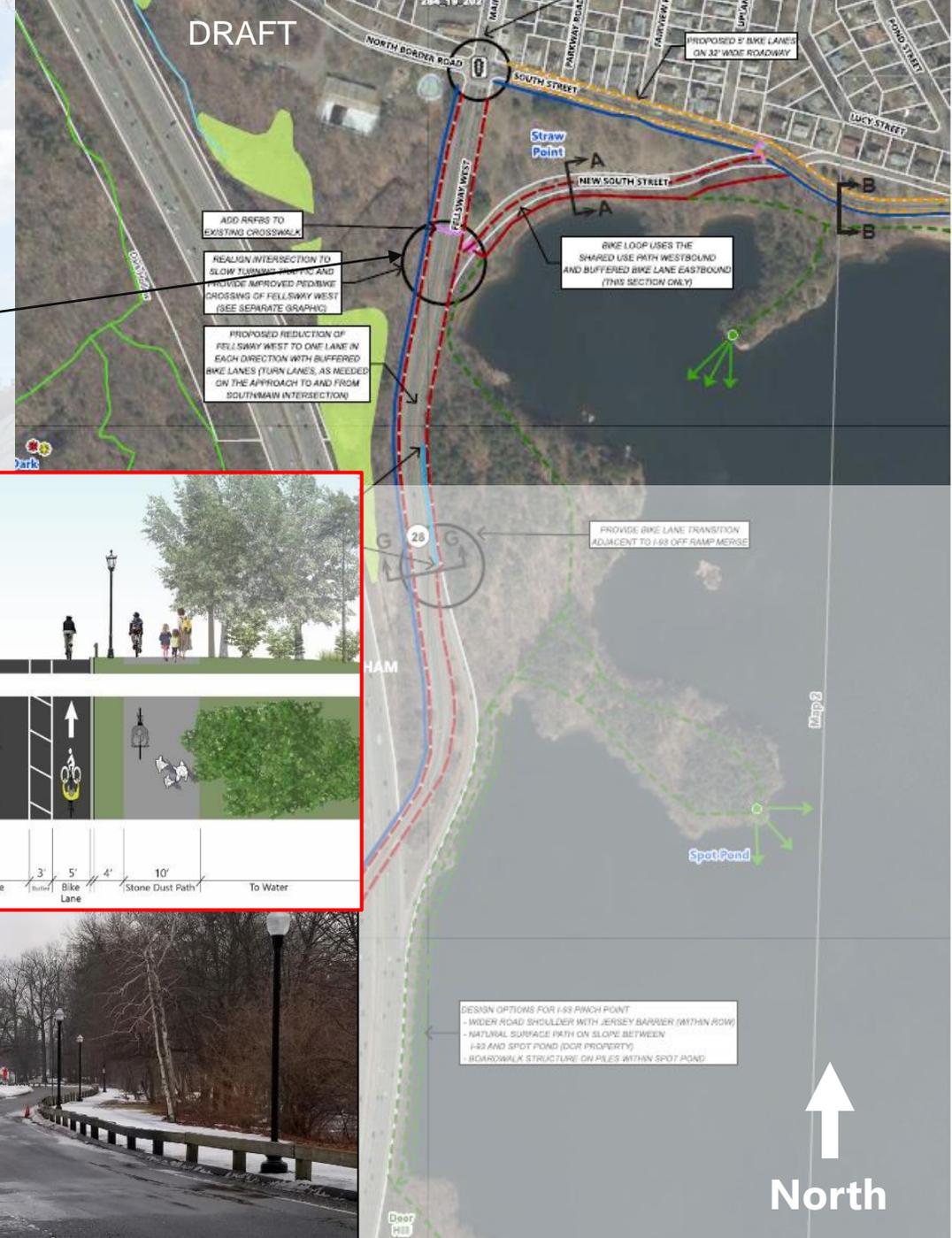
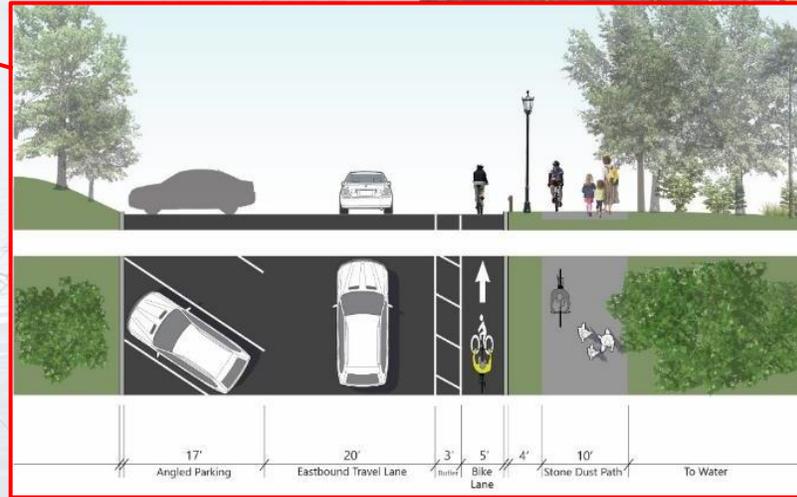
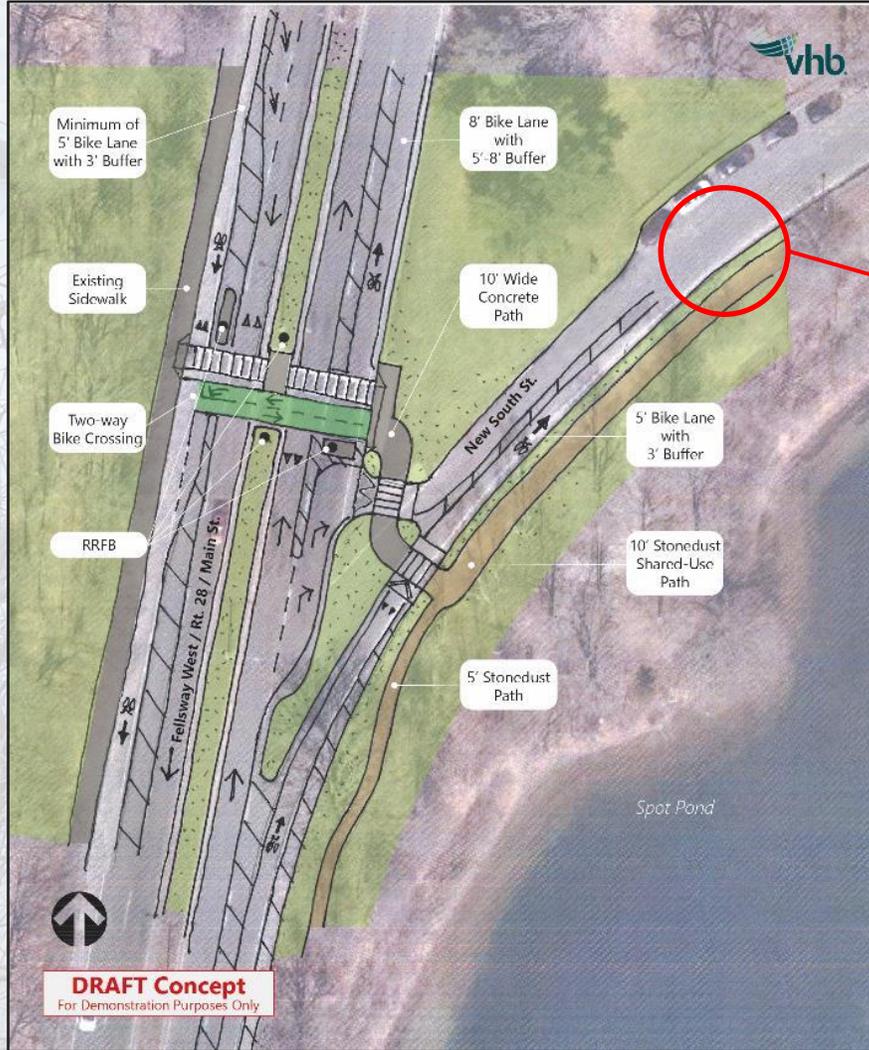
Circumferential Trail Loop Inset Maps

LEGEND

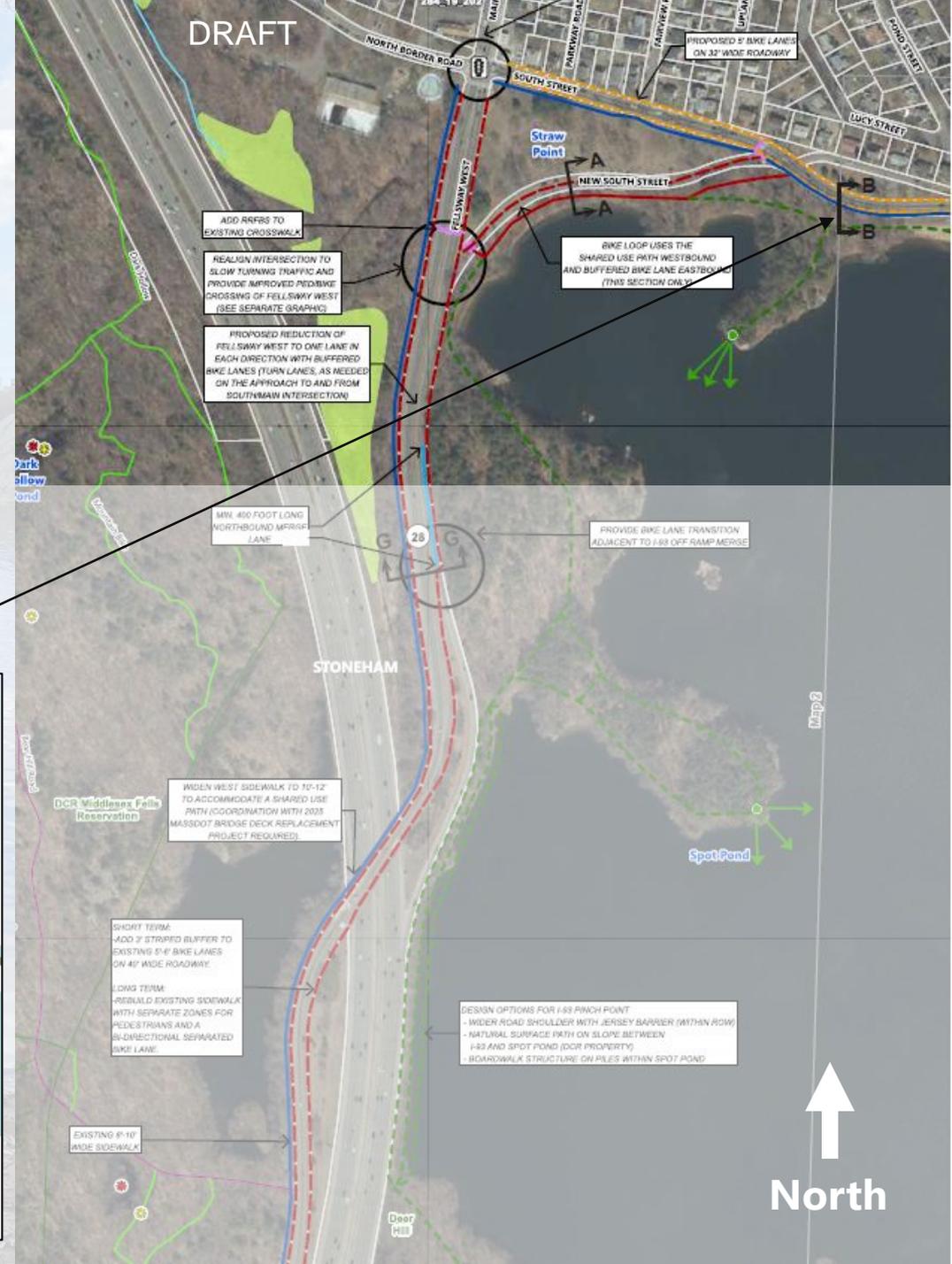
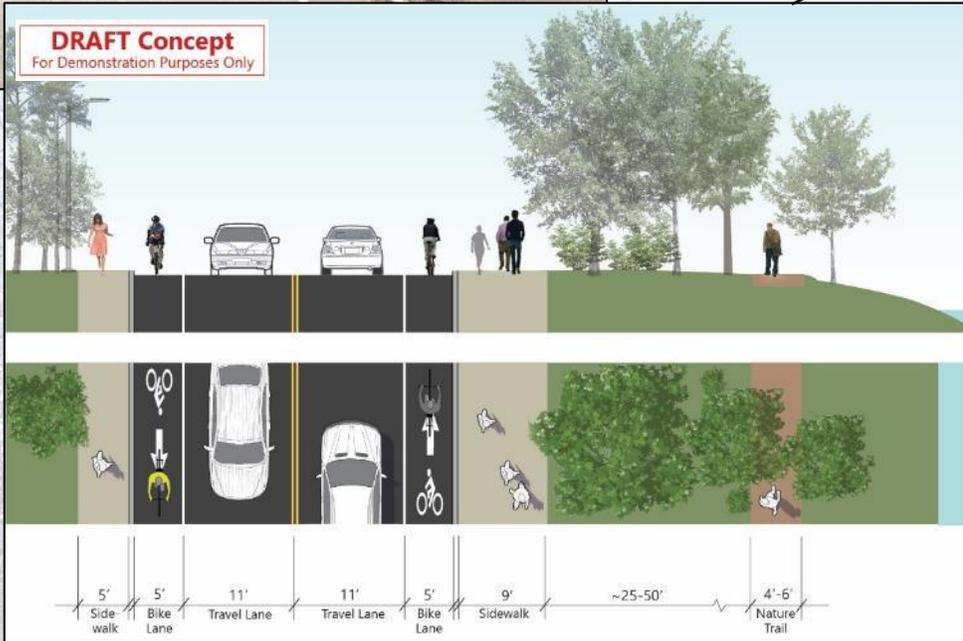
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Straw Point Inset

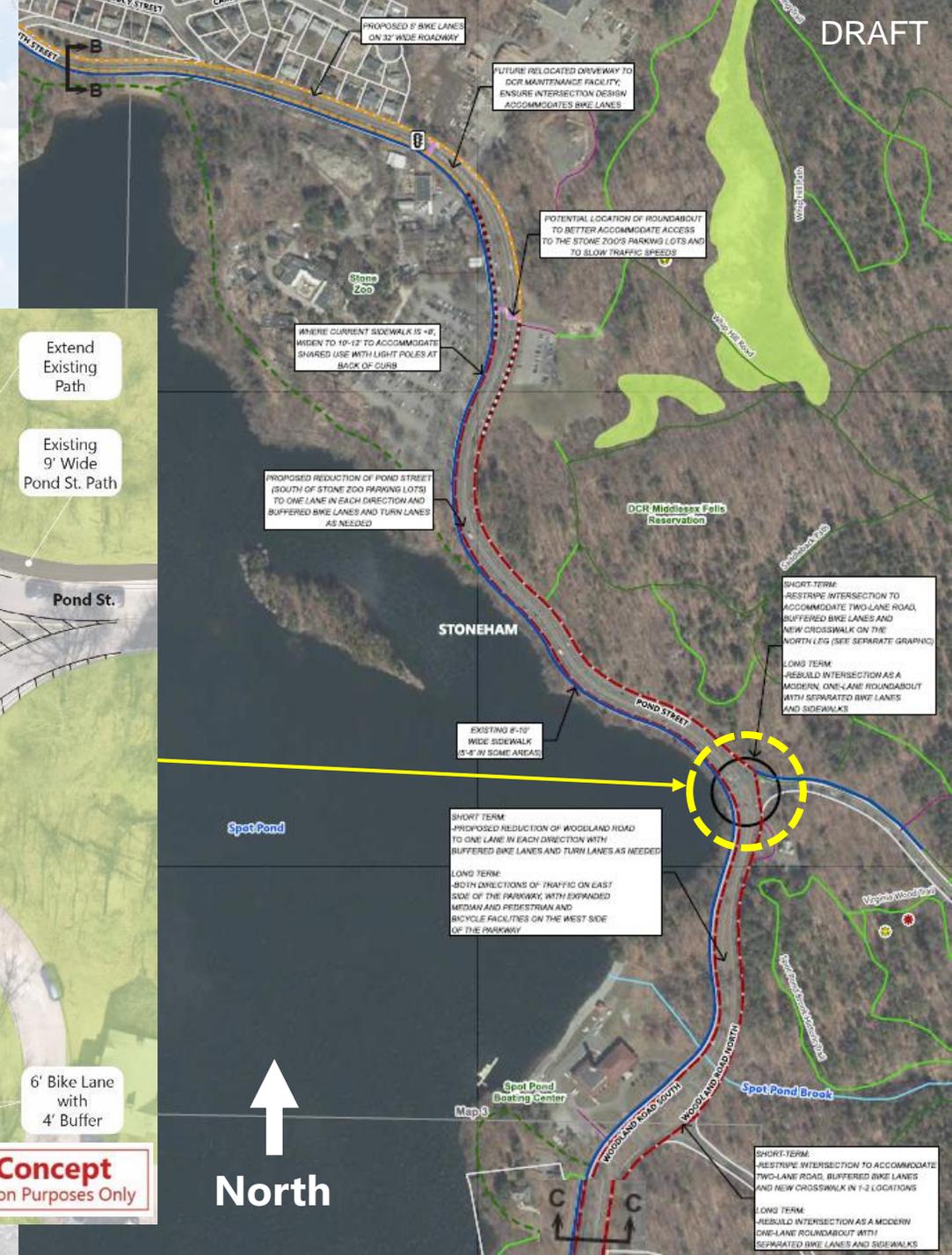
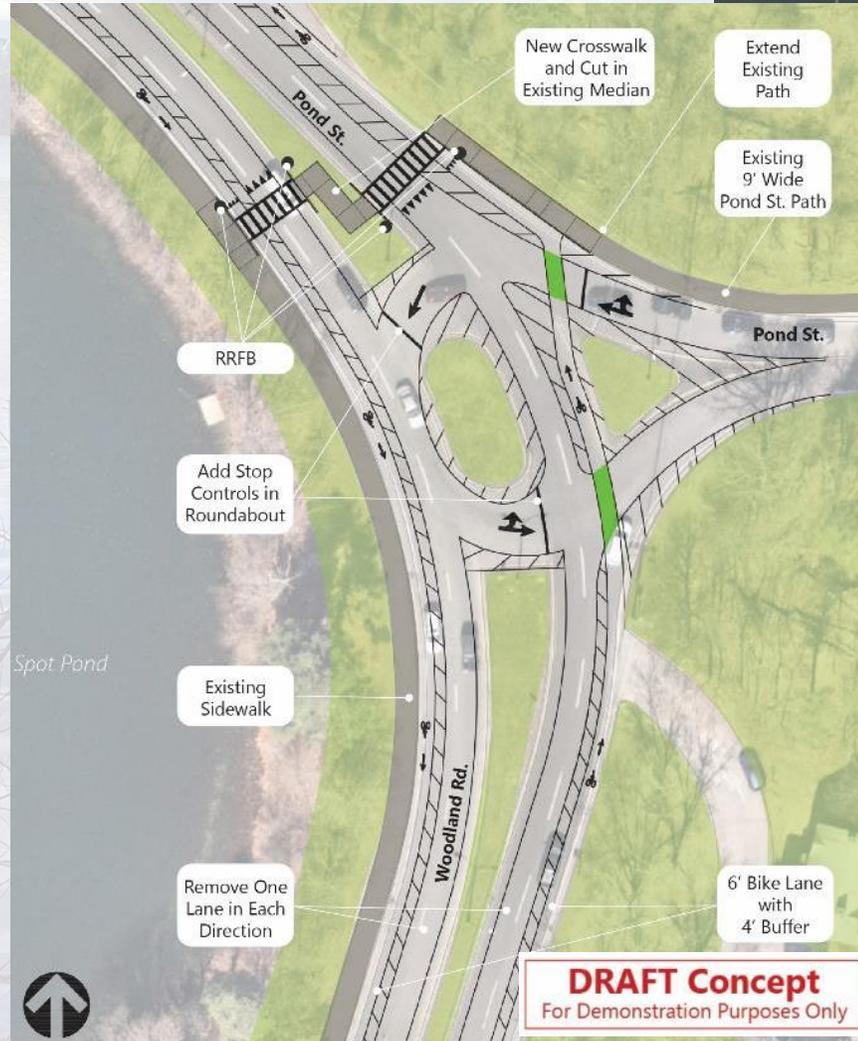


Straw Point Inset



Stone Zoo Inset

Woodland/Pond intersection: Existing Conditions

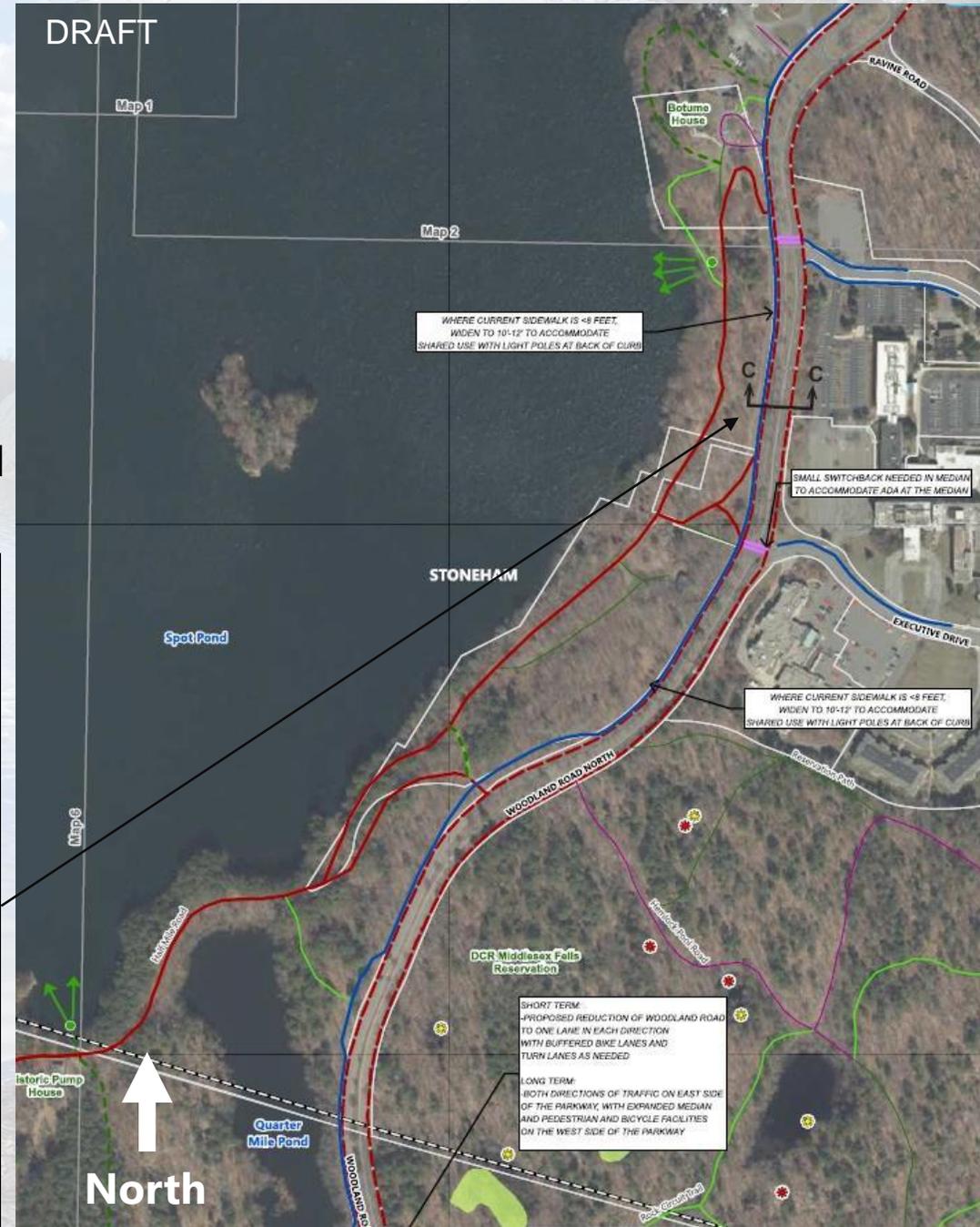
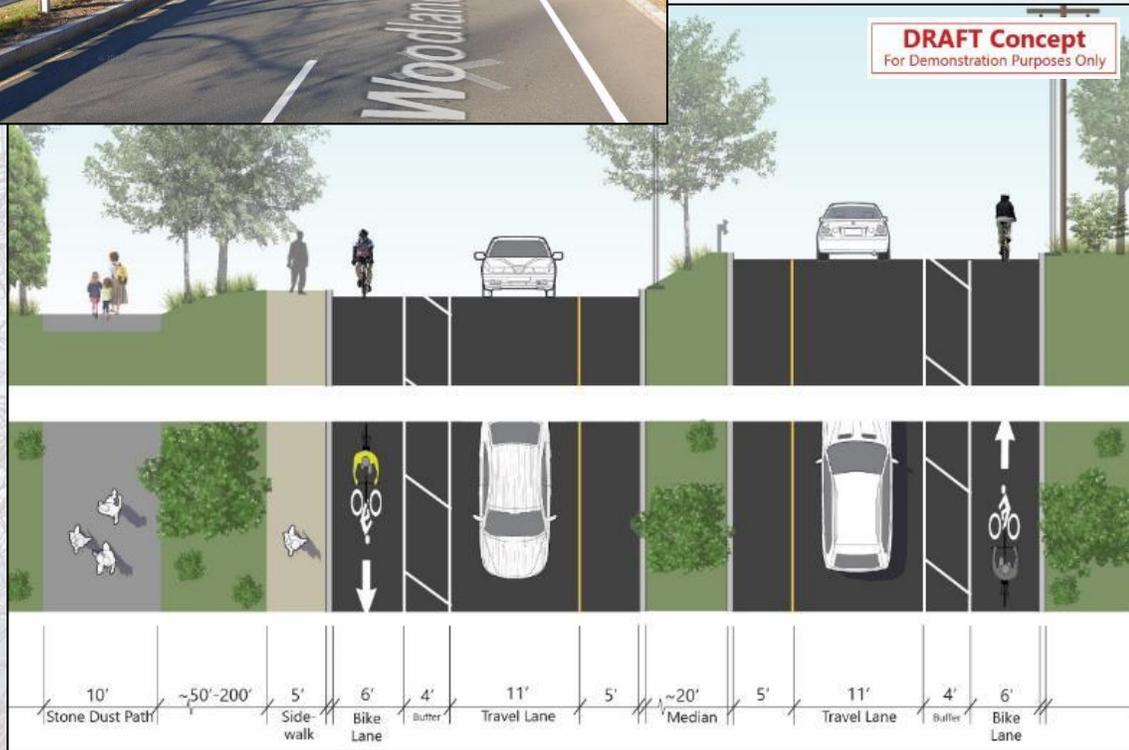


Executive Drive Inset

Woodland Road: Existing Conditions



Short/mid-term road reconfiguration

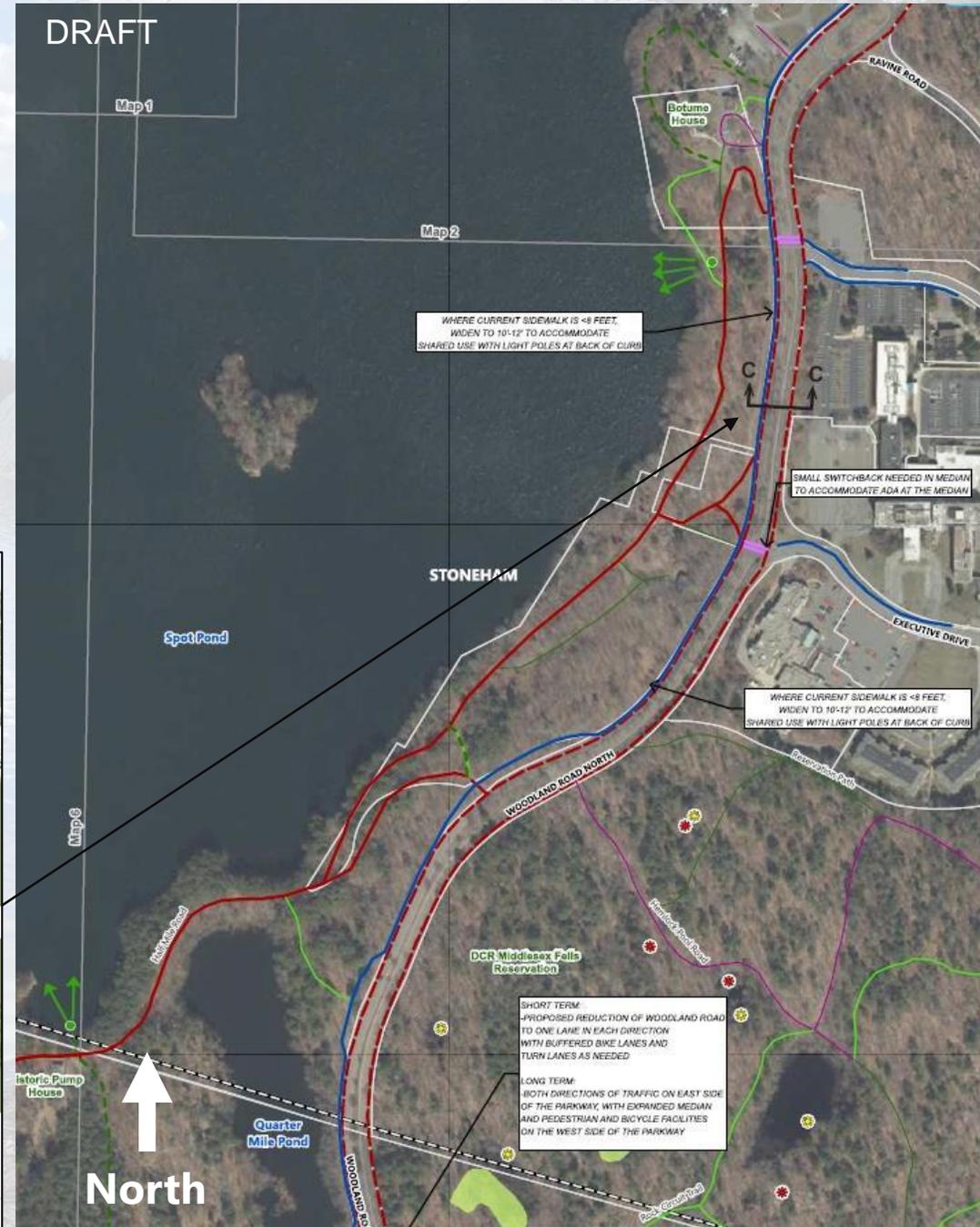
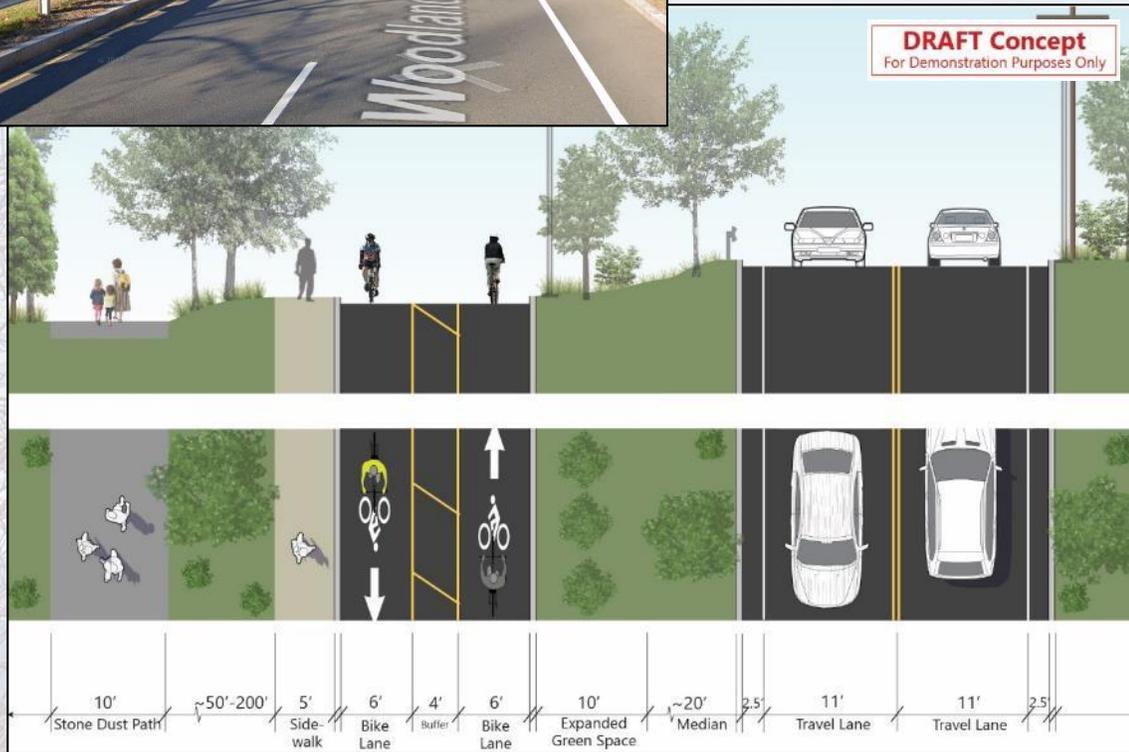


Executive Drive Inset

Woodland Road: Existing Conditions



Long-term road reconfiguration



Sheepfold Area Inset

Fellsway West: View north to I-93 overpass at potential new crossing for the Cross Fells Trail



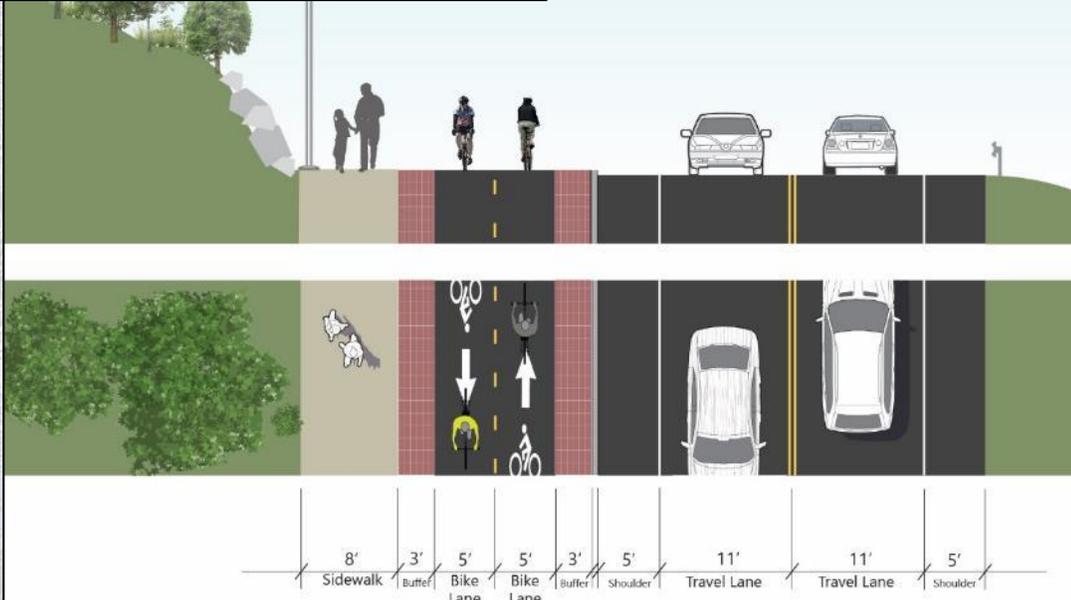
Sheepfold Area Inset

Fellsway West: Short-term (add bike lane buffer)



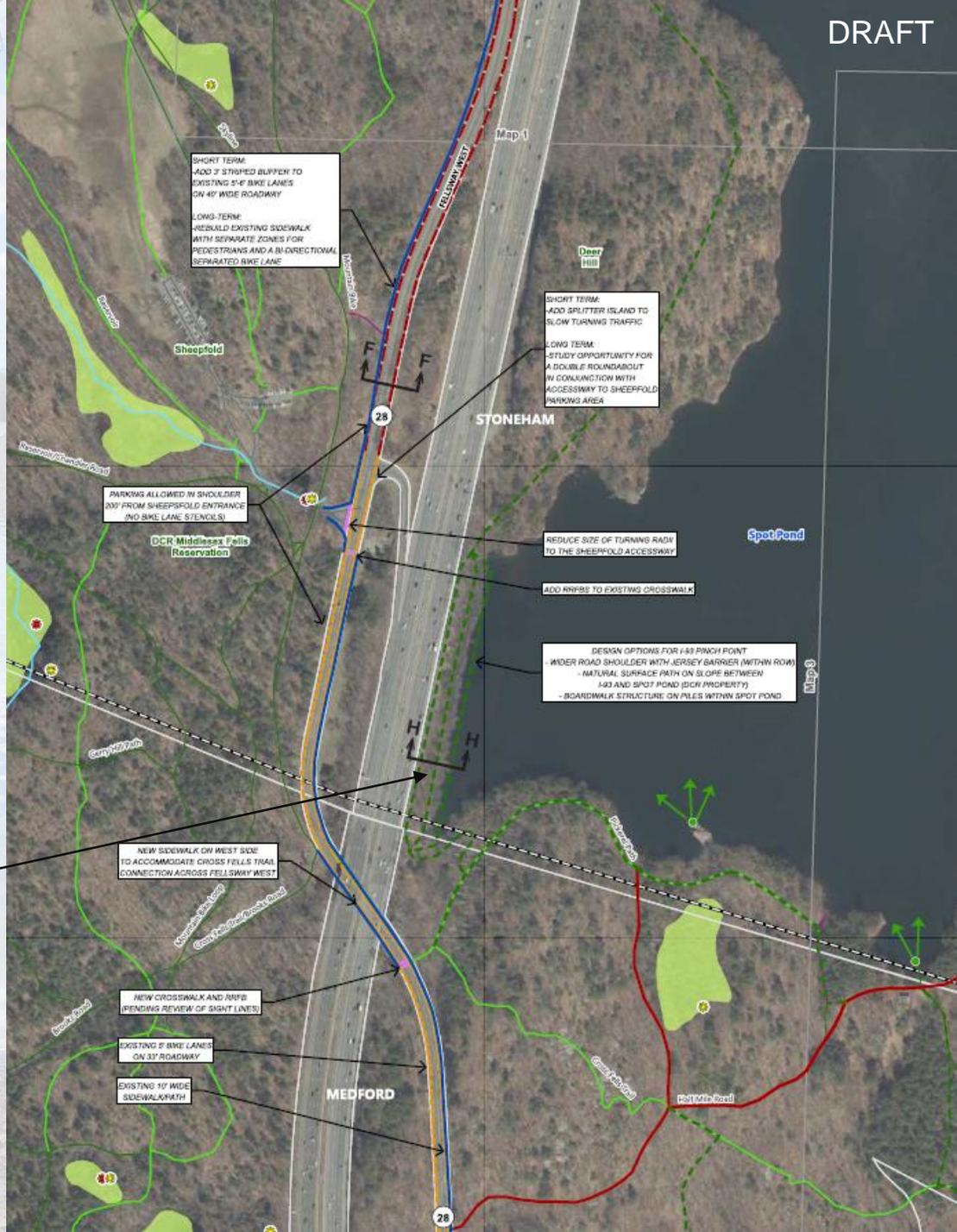
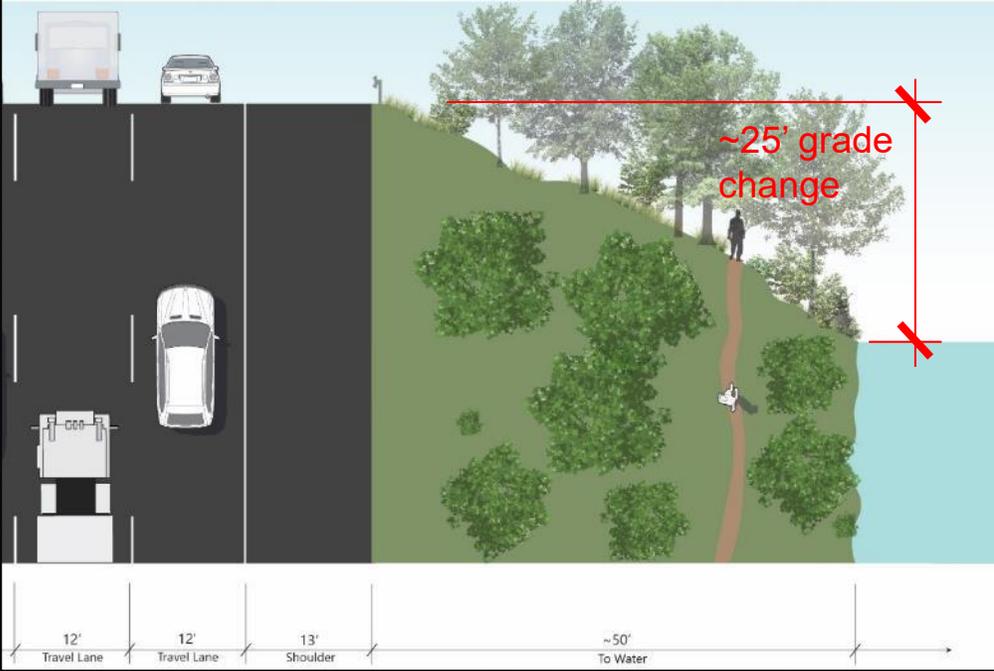
Fellsway West: Long-term two-way cycle track

DRAFT Concept
For Demonstration Purposes Only



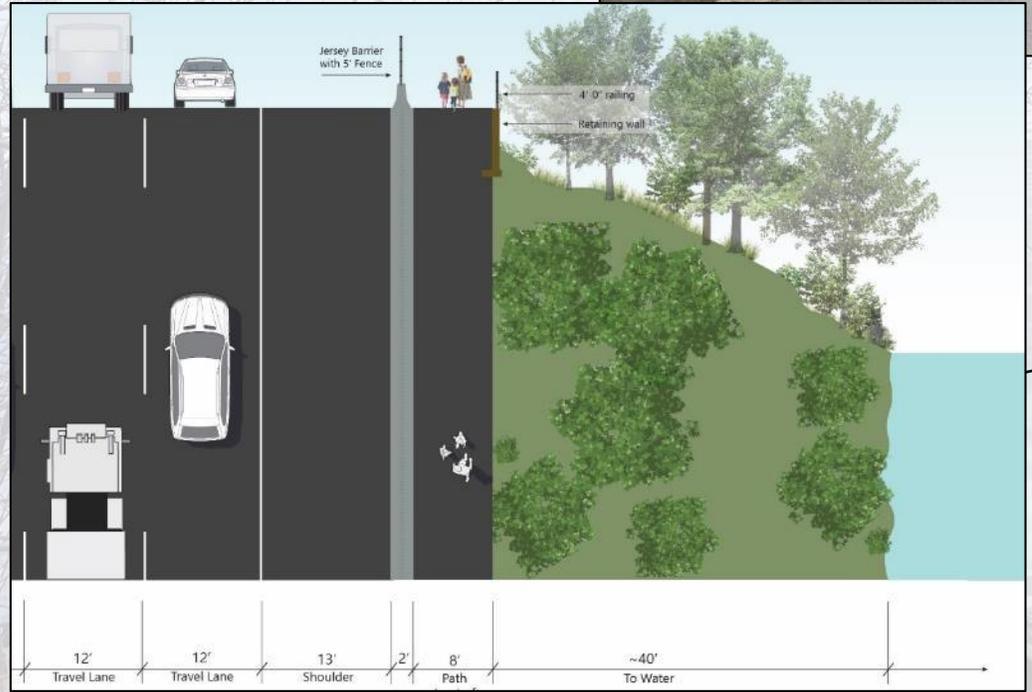
I-93 Pinch Point Options

Nature Trail @ I-93 Pinch Point: Existing Conditions



I-93 Pinch Point Options

Nature Trail @ I-93
Pinch Point: Option A:
Widen I-93 shoulder
(Coordination w/
MassDOT required)

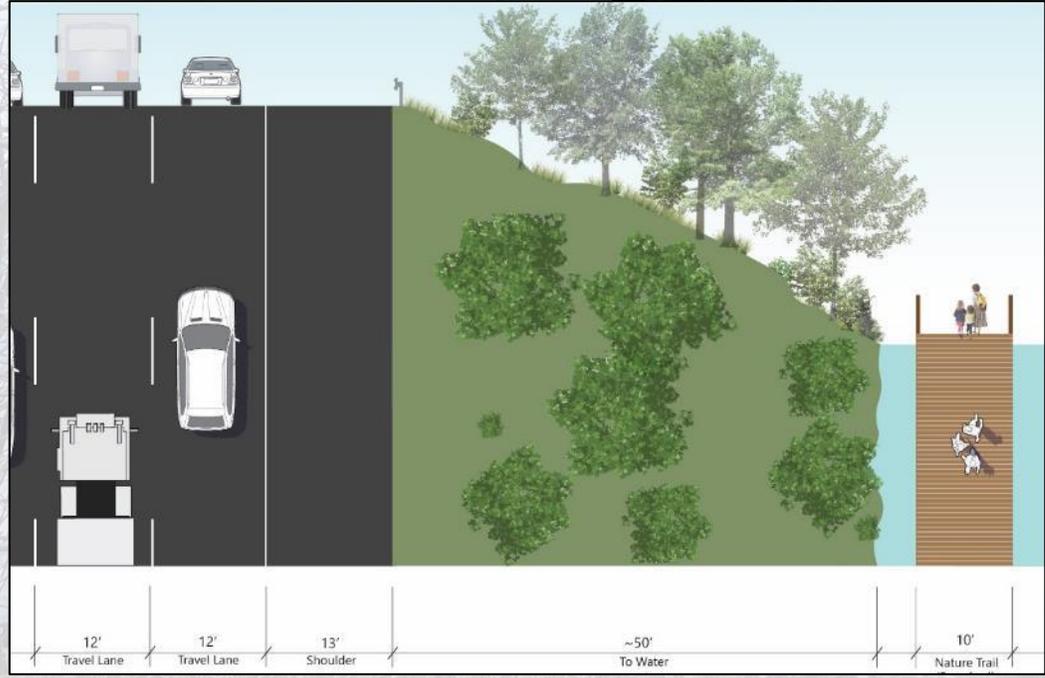


I-295 Tukey's Bridge, Portland ME



I-93 Pinch Point Options

Nature Trail @ I-93
Pinch Point: Option C:
Off-shore Boardwalk
(Coordination w/ DCR and MWRA required)



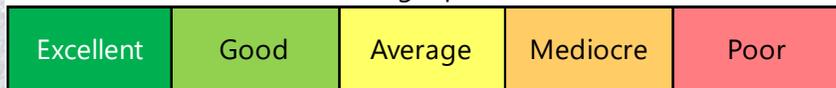
DCR Boardwalk @
Fellsway West,
Somerville



I-93 Pinch Point Options

Evaluation of Options A-C

Evaluation Criteria		A: Widen I-93 shoulder	B: Mid-slope path	C: Off-shore boardwalk
1	Safety and Comfort <i>Does the option provide a feeling of safety and comfort for trail users?</i>			
2	Connectivity <i>Does the option provide a convenient and direct connection, including avoiding steep grades?</i>			
3	Engineering Challenges <i>Does the option include engineering challenges that would lead to complexities and cost problems?</i>			
4	Permitting <i>Will the option trigger significant permitting requirements prior to implementation?</i>			
5	User Experience <i>Does the option provide an aesthetically pleasing and enjoyable experience for users?</i>			
Summary Score				



Option A:
Widen I-93
shoulder



Option B: Mid-
slope Path

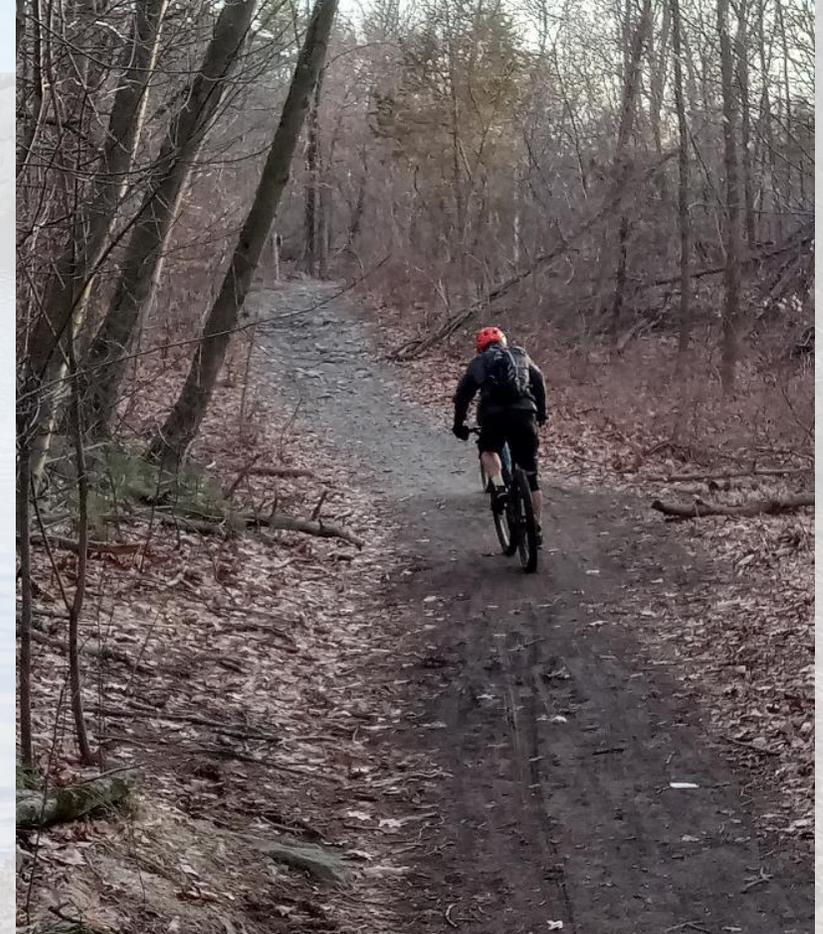


Option C: Off-
shore Boardwalk



Next Steps

- Select Board to endorse the Trail Study; finalize and publish the conceptual plan recommendations
- Coordinate with state agency partners to help move the recommendations forward
- Set up a Spot Pond Loop Trail Committee that meets on a quarterly basis
- Develop a Scope of Work for a more detailed study and conceptual design report
- Develop a fundraising plan (via MassTrails grant, Town Meeting, or via Legislative earmark)
- Focus on low-cost “early-win” projects, in coordination with DCR (e.g., wayfinding sign program w/ Spot Pond Loop Trail logo)



Discussion

