

June 28, 2021



Public Meeting

Peverly Hill Road Sidewalk Improvement/Complete Street Project





Introduction/Opening Remarks

- City Staff
 - Karen Conard – City Manager
 - Peter Rice, PE – Director, Department of Public Works
 - Eric Eby, PE – Parking and Transportation Engineer
 - Suzanne Woodland, Esq. – Deputy City Attorney
- McFarland Johnson
 - Brian Colburn, PE – Project Manager





Meeting Agenda

- Report Back from Public Site Walk on April 3, 2021
- Alternatives Comparison
- Meeting Requested by City Council on April 19, 2021

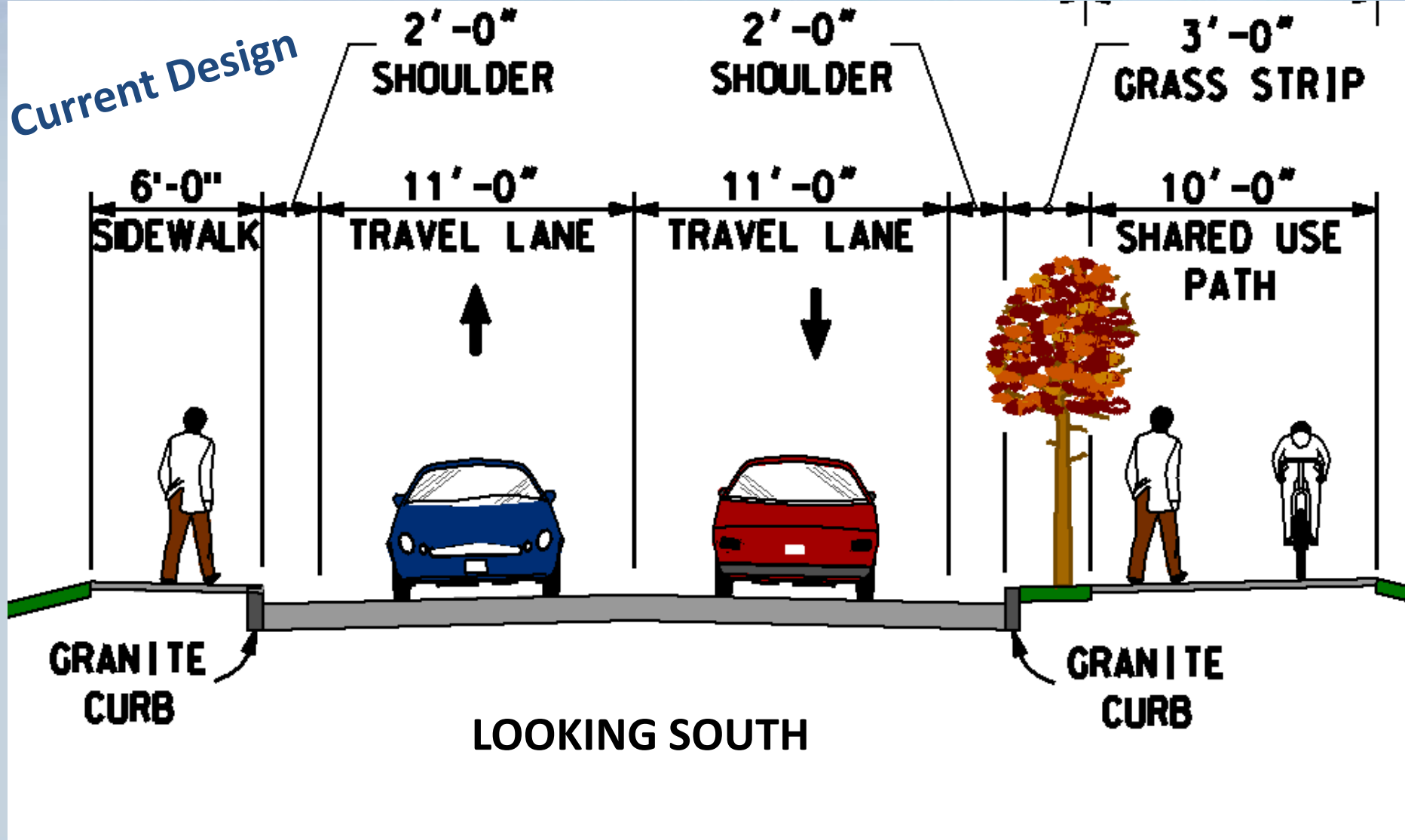


Project Limits



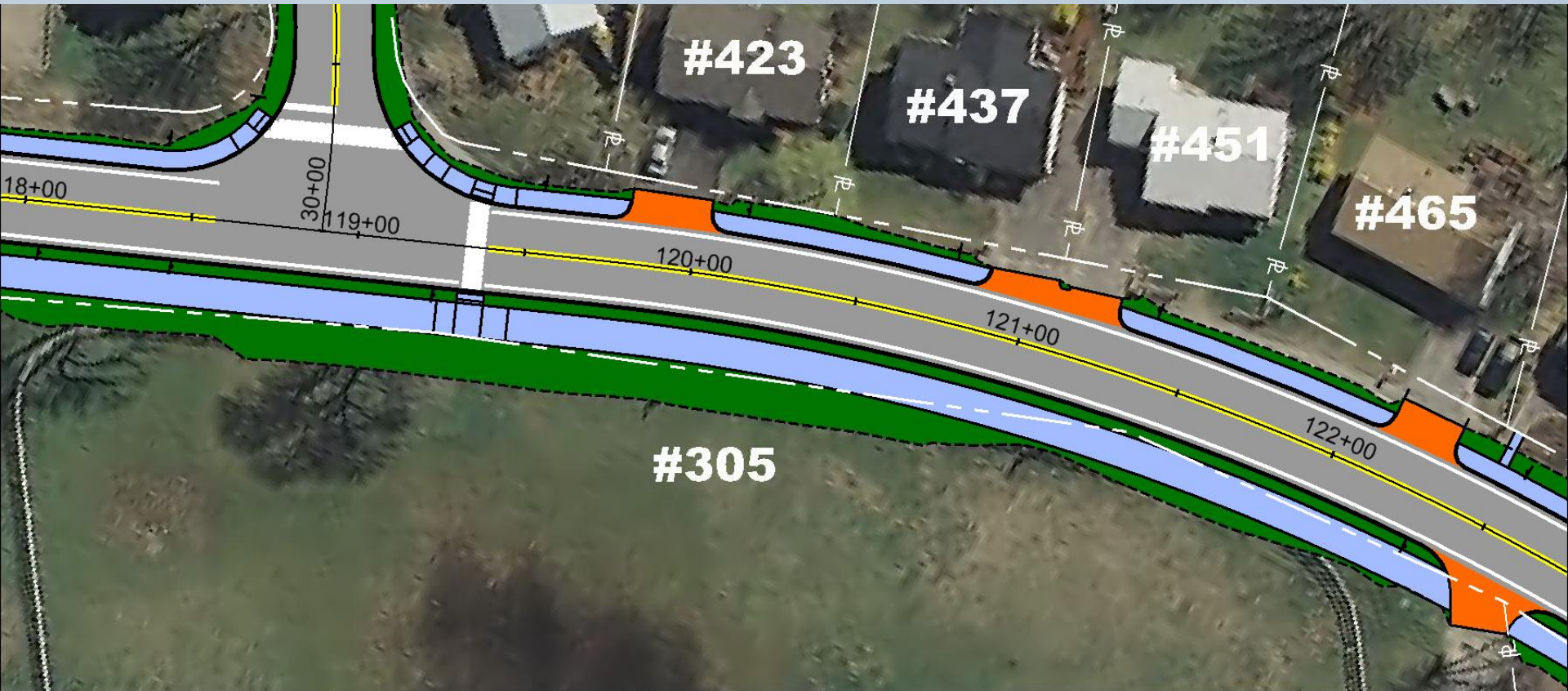


Current Design



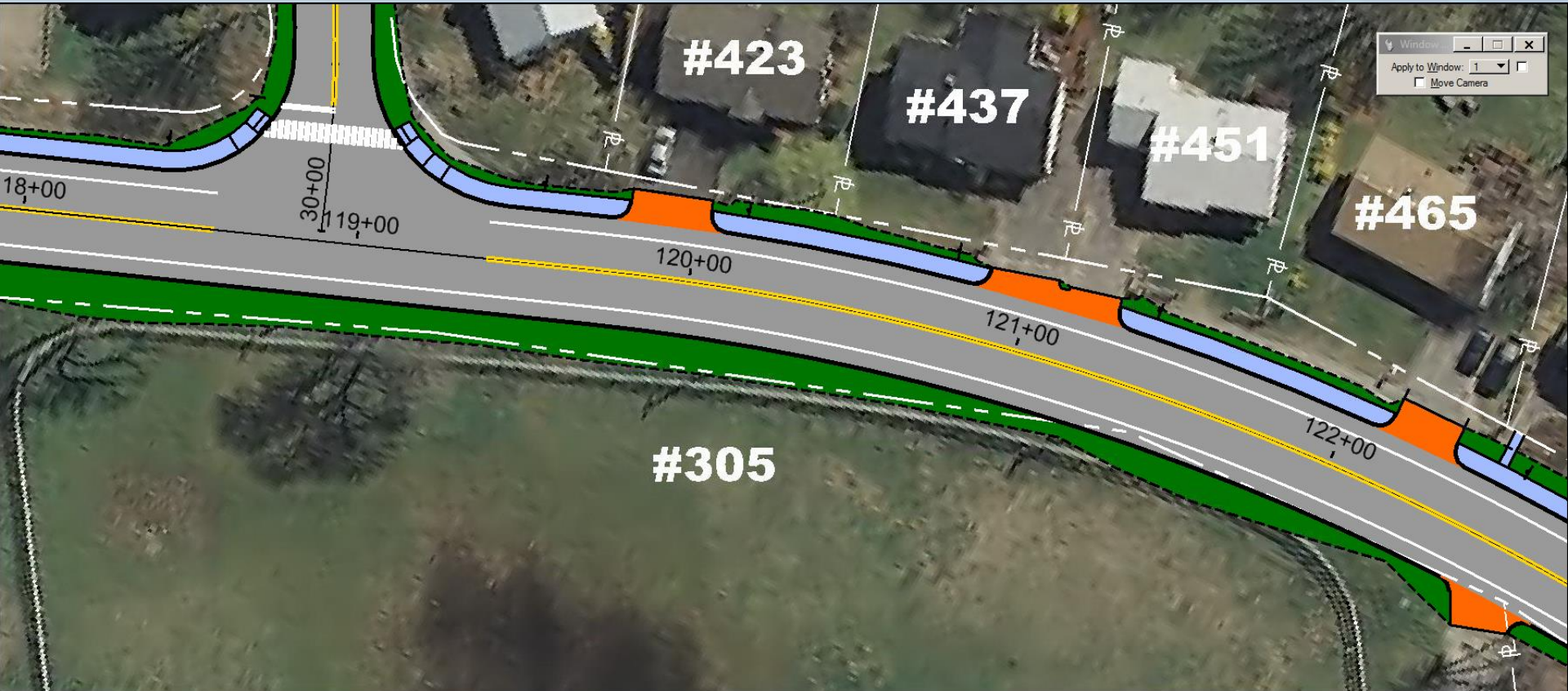


Current Design - Sidewalk and Shared Use Path



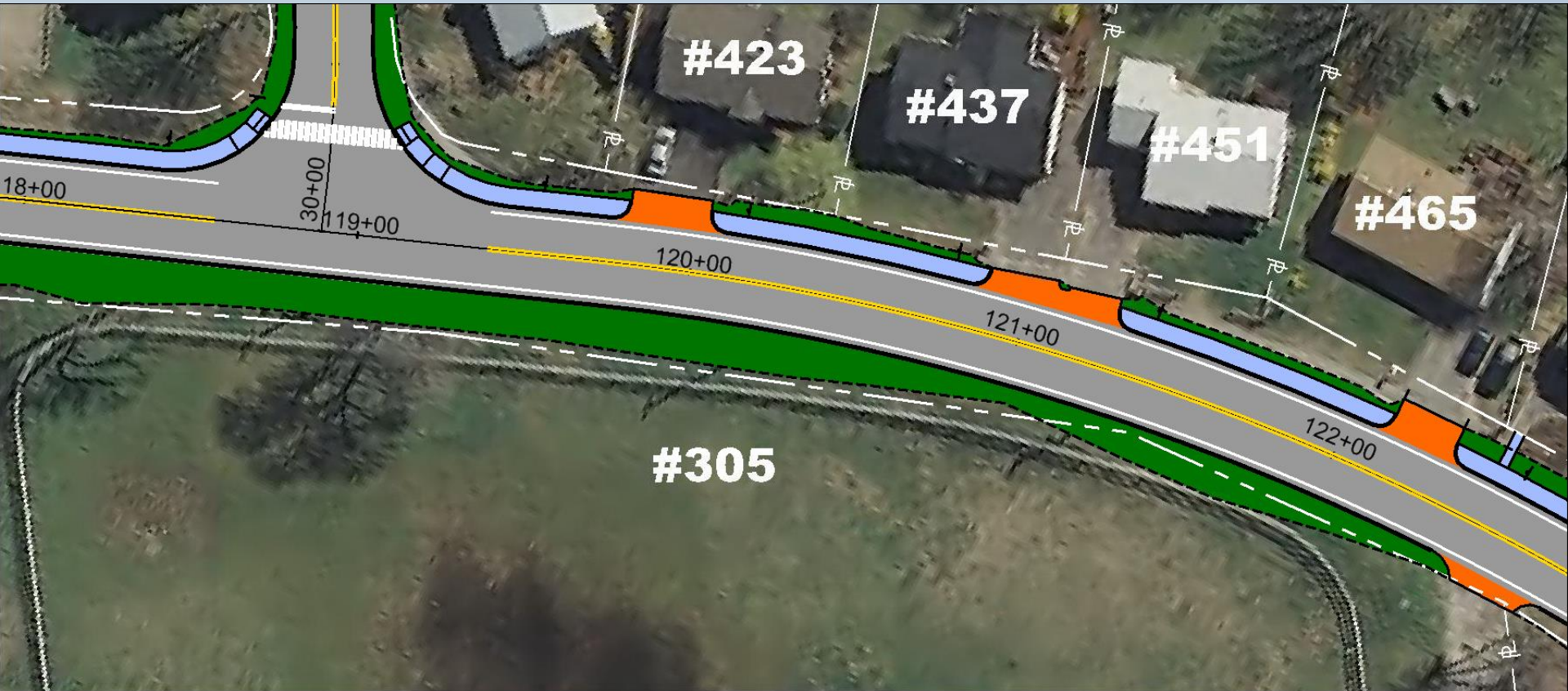


Sidewalk and Bicycle Lanes



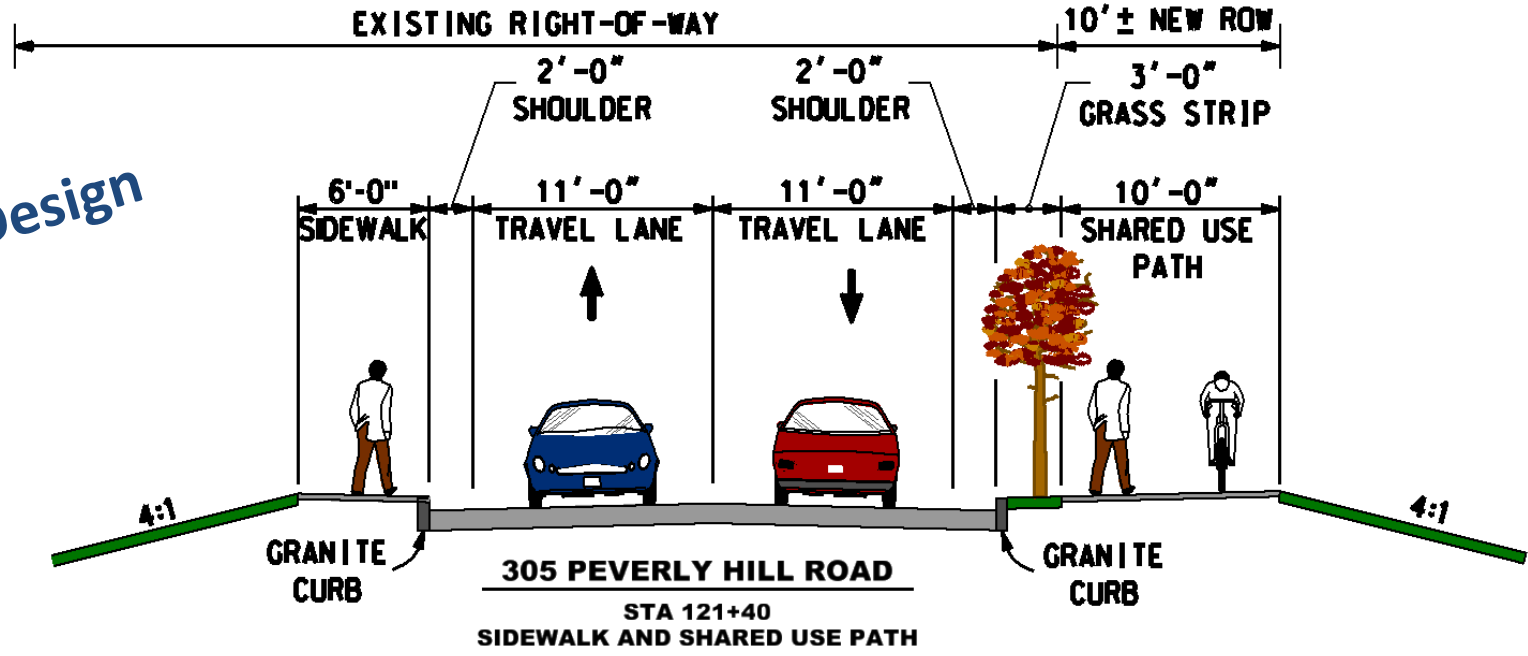


Sidewalk Only

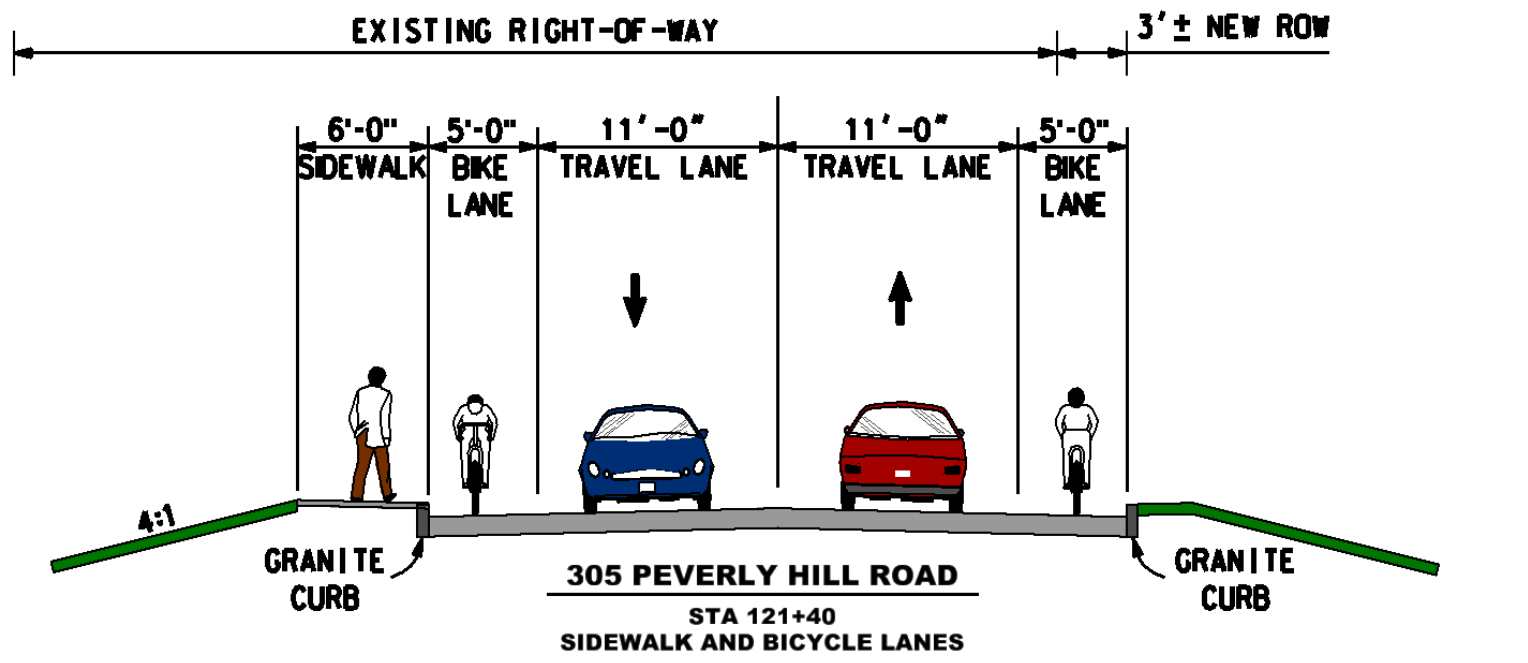


BUILDING

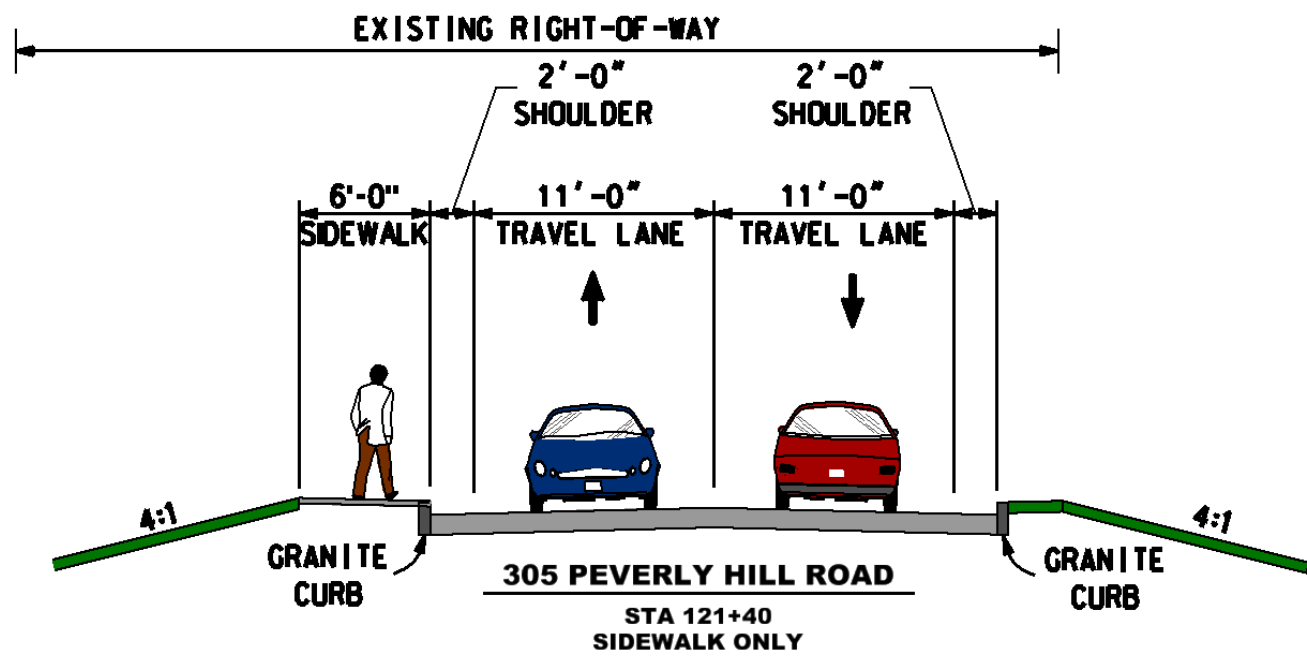
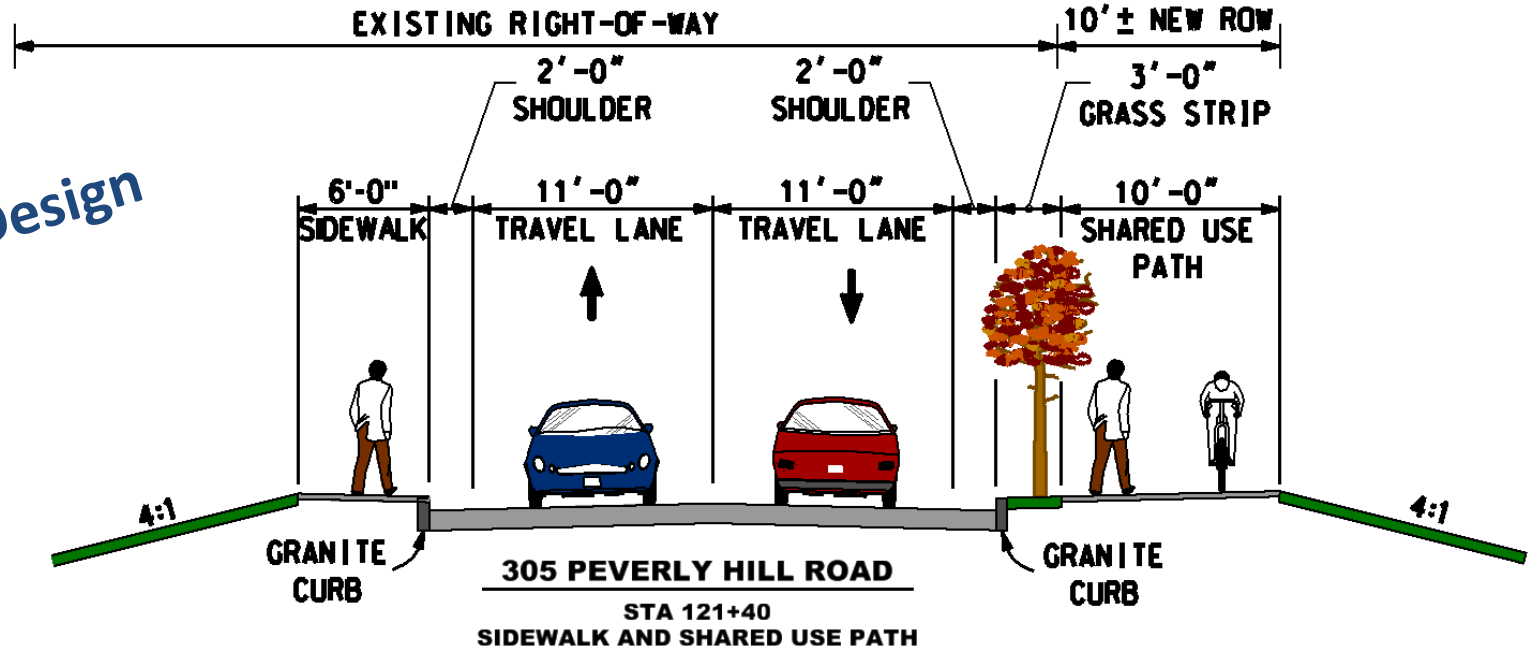
Current Design



BUILDING



Current Design



Permanent Easement Summary



City of Portsmouth

Current Design - Sidewalk and Shared Use Path

Lot Number	Address	Easement Type	Reason for Easement
242-4	83 Peverly Hill Road	Drainage	Construct and Maintain Culverts
242-3	263 Peverly Hill Road	Sidewalk	Construct and Maintain Shared-Use Path
255-5	305 Peverly Hill Road	Sidewalk	Construct and Maintain Shared-Use Path
255-3	Peverly Hill Road	Sidewalk	Construct and Maintain Shared-Use Path
255-4	515 Peverly Hill Road	Sidewalk	Construct and Maintain Shared-Use Path
255-3-1	575 Peverly Hill Road	Sidewalk	Construct and Maintain Shared-Use Path
244-10-A	550 Peverly Hill Road	Drainage	Construct and Maintain Stormwater Treatment Area
253-4	30 Mirona Road Ext.	Sidewalk	Construct and Maintain Sidewalk
243-7	375 Greenleaf Avenue	Drainage	Construct and Maintain Stormwater Treatment Area

Permanent Easement Summary

Sidewalk and Bicycle Lanes



City of Portsmouth

Lot Number	Address	Easement Type	Reason for Easement
242-4	83 Peverly Hill Road	Drainage	Construct and Maintain Culverts
242-3	263 Peverly Hill Road	Sidewalk	Construct and Maintain Shared-Use Path
255-5	305 Peverly Hill Road	Roadway	Construct and Maintain Road
255-3	Peverly Hill Road	Roadway	Construct and Maintain Road
255-4	515 Peverly Hill Road	Sidewalk	Construct and Maintain Shared-Use Path
255-3-1	575 Peverly Hill Road	Sidewalk	Construct and Maintain Shared-Use Path
244-10-A	550 Peverly Hill Road	Drainage	Construct and Maintain Stormwater Treatment Area
253-4	30 Mirona Road Ext.	Sidewalk	Construct and Maintain Sidewalk
243-7	375 Greenleaf Avenue	Drainage	Construct and Maintain Stormwater Treatment Area

Permanent Easement Summary

Sidewalk Only



City of Portsmouth

Lot Number	Address	Easement Type	Reason for Easement
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244-10-A	550 Peverly Hill Road	Drainage	Construct and Maintain Stormwater Treatment Area
253-4	30 Mirona Road Ext.	Sidewalk	Construct and Maintain Sidewalk
243-7	375 Greenleaf Avenue	Drainage	Construct and Maintain Stormwater Treatment Area

Temporary Easement Summary

Bold Easement Required for Sidewalk



City of Portsmouth

Lot Number	Address	Easement Type	Reason for Easement
232-90	968 Middle Road	Temp.	Grading Behind Sidewalk
232-91	46 Peverly Hill Road	Temp.	Driveway Grading
243-51	100 Peverly Hill Road	Temp.	Driveway Grading
243-54-1	248 Peverly Hill Road	Temp.	Driveway Grading
243-55	260 Peverly Hill Road	Temp.	Driveway Grading
255-9	287 Peverly Hill Road	Temp.	Driveway Grading
243-56	290 Peverly Hill Road	Temp.	Retaining Wall Construction
255-8	293 Peverly Hill Road	Temp.	Driveway Grading
243-57	296 Peverly Hill Road	Temp.	Grading Behind Sidewalk

Temporary Easement Summary

Bold Easement Required for Sidewalk



City of Portsmouth

Lot Number	Address	Easement Type	Reason for Easement
244-9	535 Peverly Hill Road	Temp.	Driveway Grading
244-11	539 Peverly Hill Road	Temp.	Driveway Grading
244-10-C	545 Peverly Hill Road	Temp.	Driveway Grading
255-2	Hett Farm	Temp.	Grading Behind Path
253-7	1 Mirona Road	Temp.	Grading Behind Sidewalk
254-7	Banfield Road	Temp.	Grading Behind Path
252-2-10	700 Peverly Hill Road	Temp.	Grading Behind Path
252-7	1400 Lafayette Road	Temp.	Grading Behind Sidewalk

Comparison Matrix



Option	Accommodate Bikes	Slows Traffic	Number of Permanent Easements Required	Necessity Required	NHDOT Funded	Schedule Impacts	Consistent w/ Complete Streets Policy	Consistent w/ Bike Ped Master Plan
Sidewalk and Shared Use Path (Current Design)	Yes	Yes	9	Yes	Yes	None	Yes	Yes
Sidewalk Only with Bicycle Lanes	Yes	No	6	Yes	Likely	1 YR	Yes	Yes
Sidewalk Only – No Bicycle Lane	No, Worse	Yes	4	Yes	Not Known	1YR +	No	No



Why Might Funding and Schedule Change?

- Project selected by NHDOT based on anticipated benefits to air quality due to increased pedestrian and bicycle use.
- Project must continue to provide some benefit to air quality to qualify for NHDOT funding

AIR QUALITY ANALYSIS II - Usage Estimation

Project: Portsmouth Peverly Hill Road Bicycle & Pedestrian Facilities
 Construct 6000 feet bicycle lane on Peverly Hill Road between Middle Street/NH33 and Lafayette Road/US1; also construct 2900' of sidewalk in two segments: from Middle Road to the YMCA, and from the Portsmouth Public Works building to US1, completing bike/ped facilities the full length of Peverly Hill Road.

Description:

Sponsor: City of Portsmouth

Opening Analysis Year: 2011

Location: Peverly Hill Road

Usage Projections Based on Model from NCHRP Report #552

Segment 1	Bicycle (2400m radius)			Pedestrian (1600m radius)			Combined Bike/Ped		
	low est	Med est	High est	Low	Med	High	Low	Med	High
Residents (g)	20077	20077	20077	7302	7302	7302			
Existing Commuters	24	24	24	143	143	143	167	167	167
New Commuters	6	6	6	65	65	65	71	71	71
Total Existing	225	3442	5092	216	1413	2255	441	4855	7347
Total new	65	907	1338	164	711	1095	229	1618	2433
Projected Total Use	320	4379	6460	588	2332	3558	908	6711	10018
Projected New Use	71	913	1344	229	776	1160	300	1689	2504



Next Steps

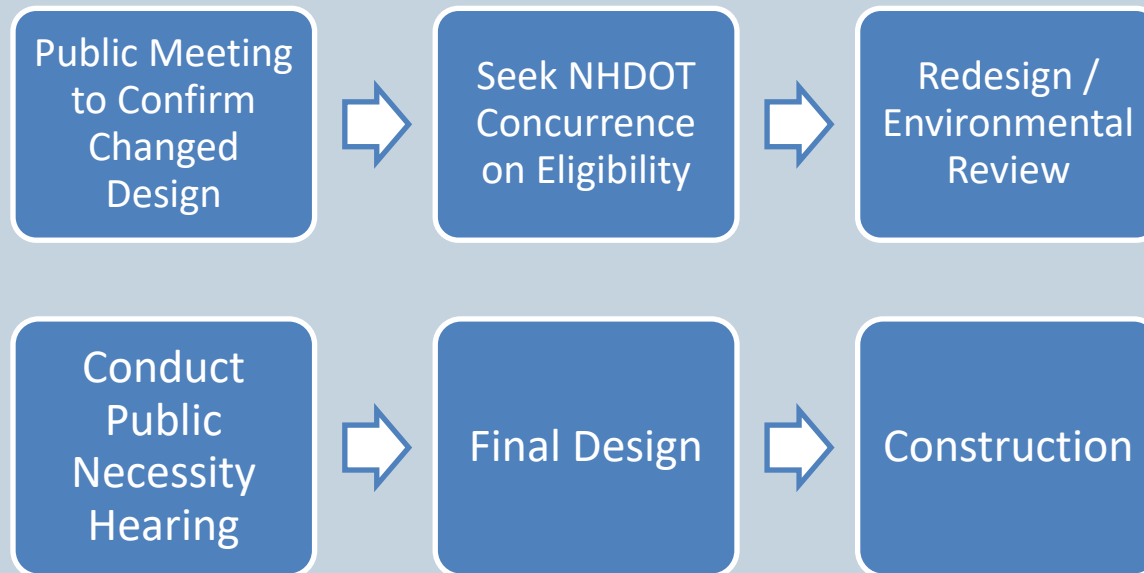
- Continue with Current Design - Sidewalk and Shared Use Path
- Next Step - Public Necessity Hearing





Next Steps

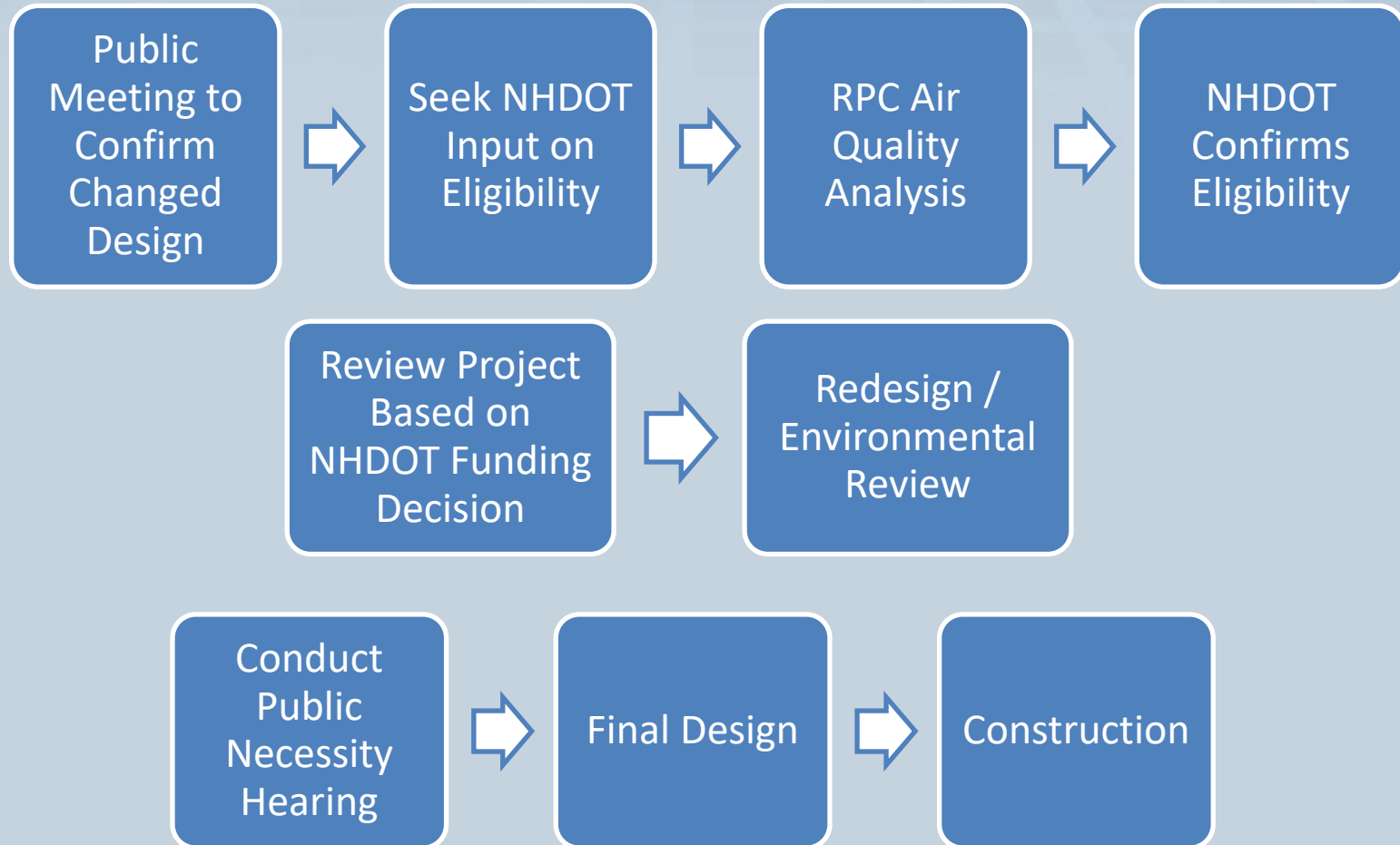
- Proceed with Sidewalk and Bicycle Lanes
- Next Step – Seek NHDOT Concurrence



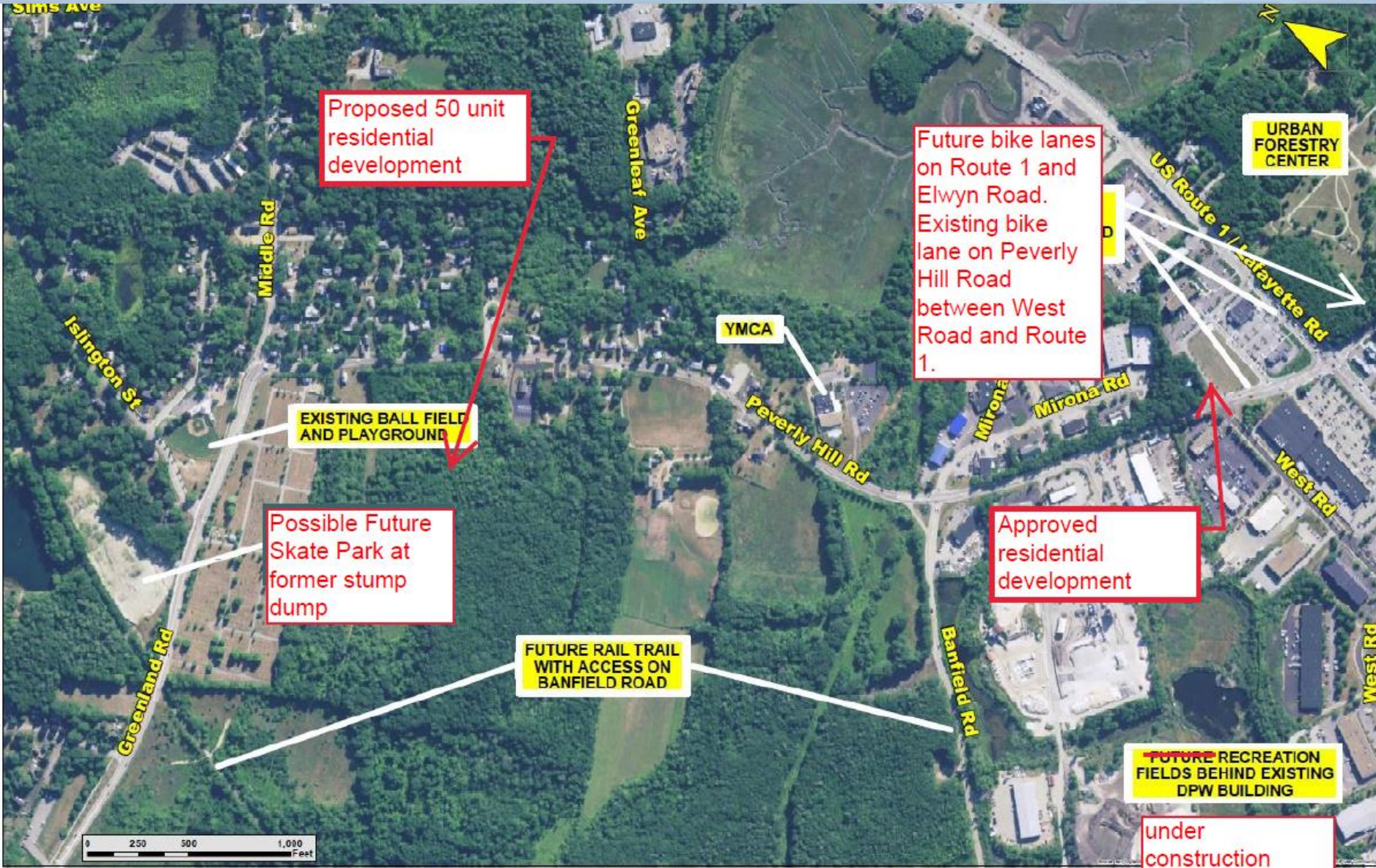


Next Steps

- Proceed with Sidewalk Only



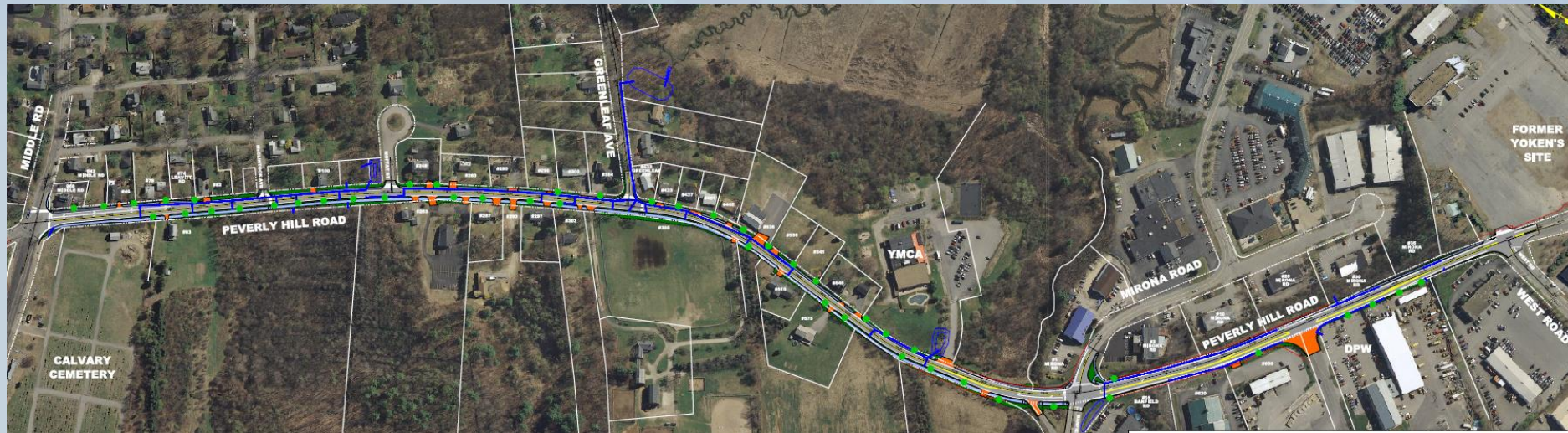
Why Bike/Ped Path in this Location?





Questions & Comments

- We want your feedback



- If you are using Zoom please use the “raise your hand” feature located at the bottom of your screen.
- Individuals who are joining us via telephone can press *9 to indicate that you wish to speak. You will be notified when your audio is connected; at that time please state your name before asking your question



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