

April 19, 2021



City Council Presentation

Peverly Hill Road Sidewalk Improvement/Complete Street Project





Introduction/Opening Remarks

- City Staff
 - 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



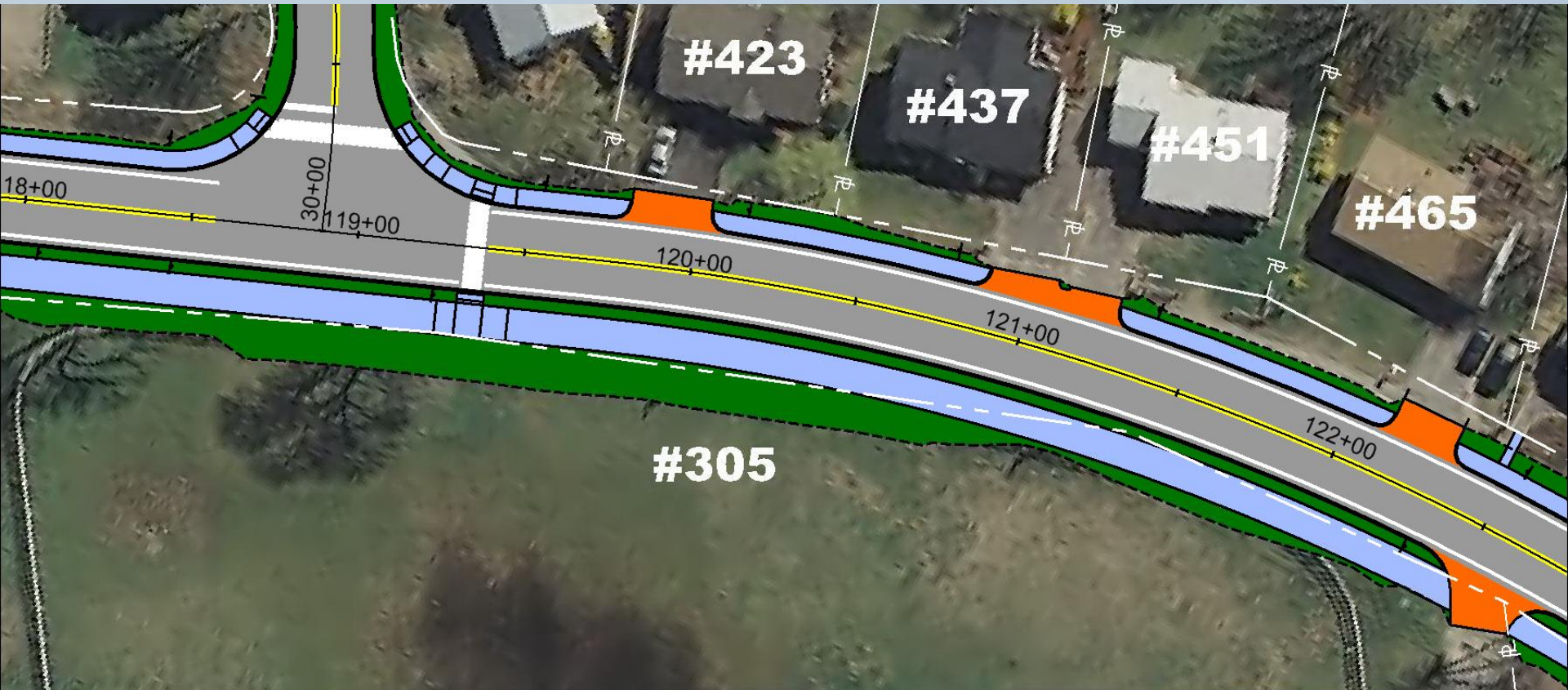


Meeting Agenda

- Report Back from Public Site Walk
- Alternatives Comparison

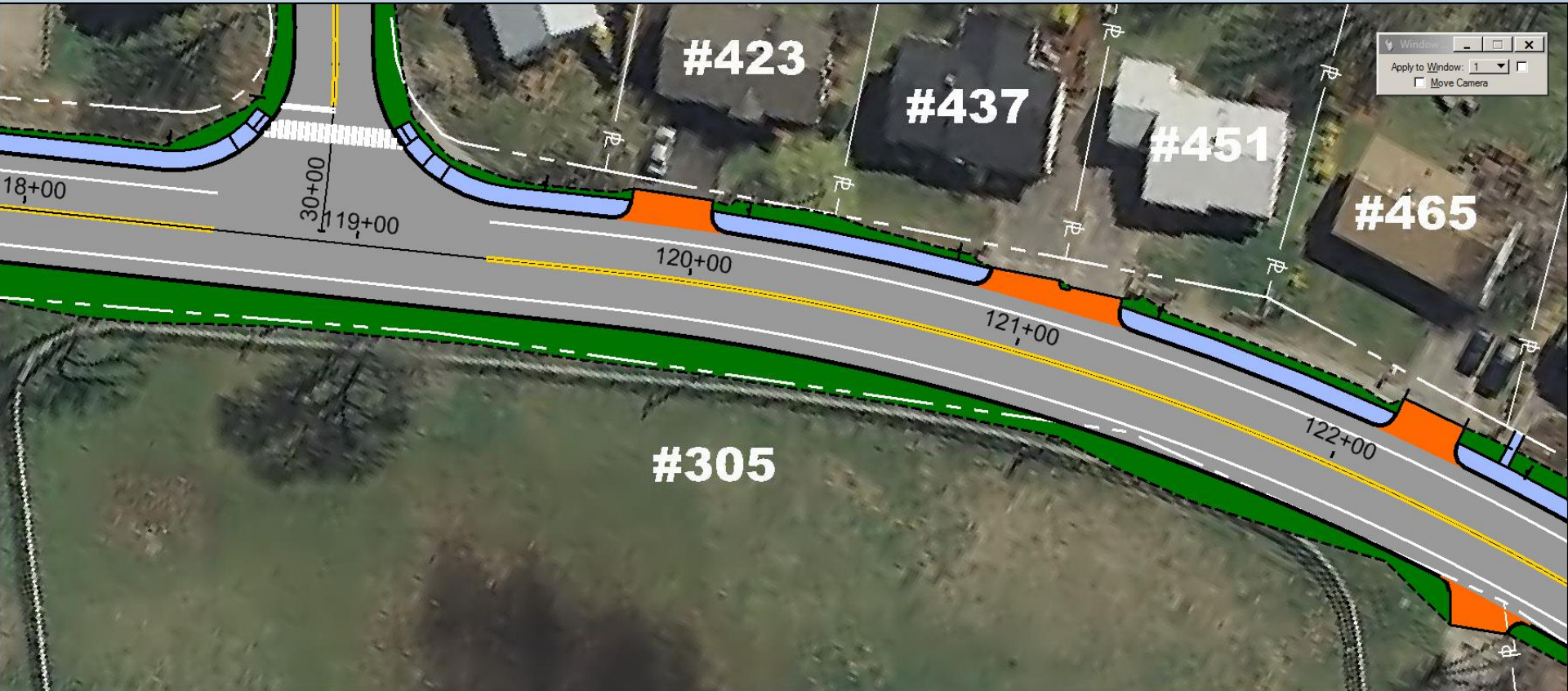


Current Design - Sidewalk and Shared Use Path



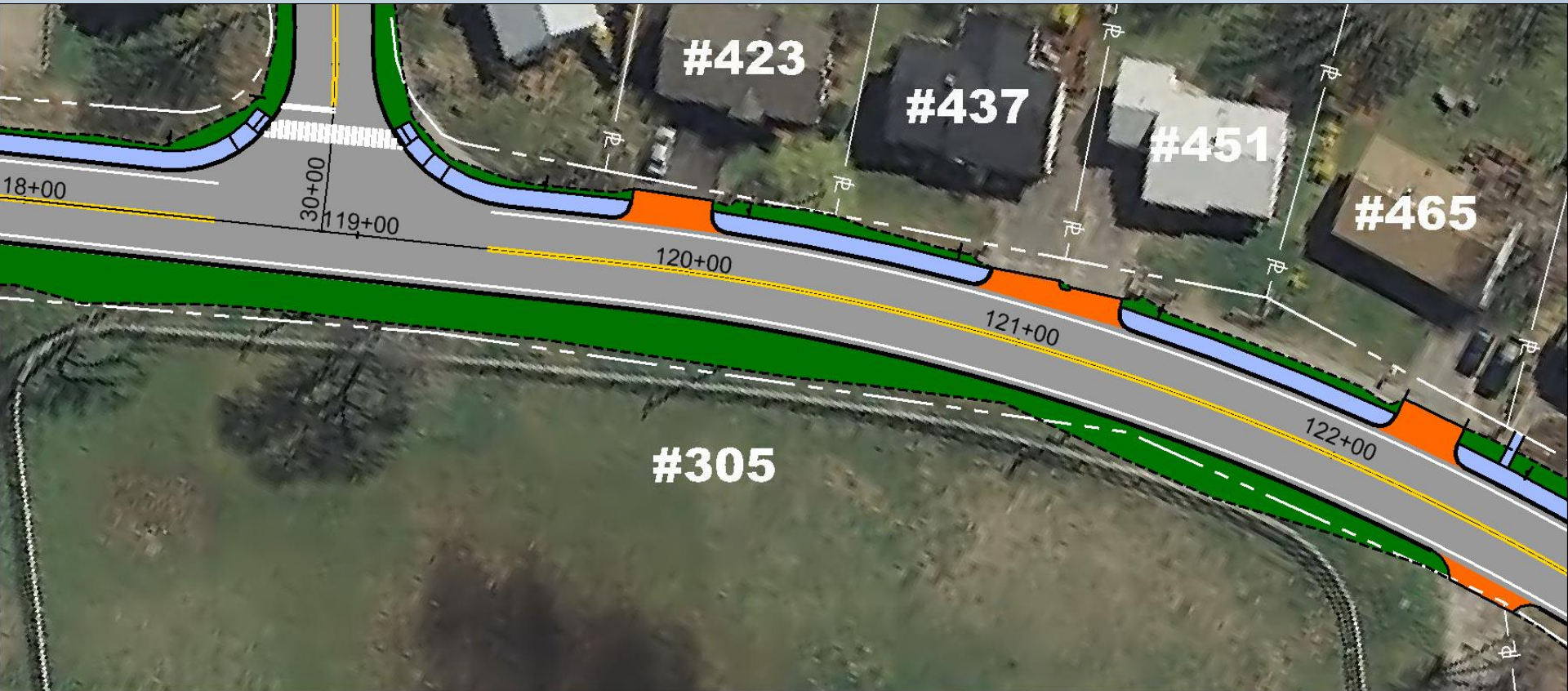


Sidewalk and Bicycle Lanes



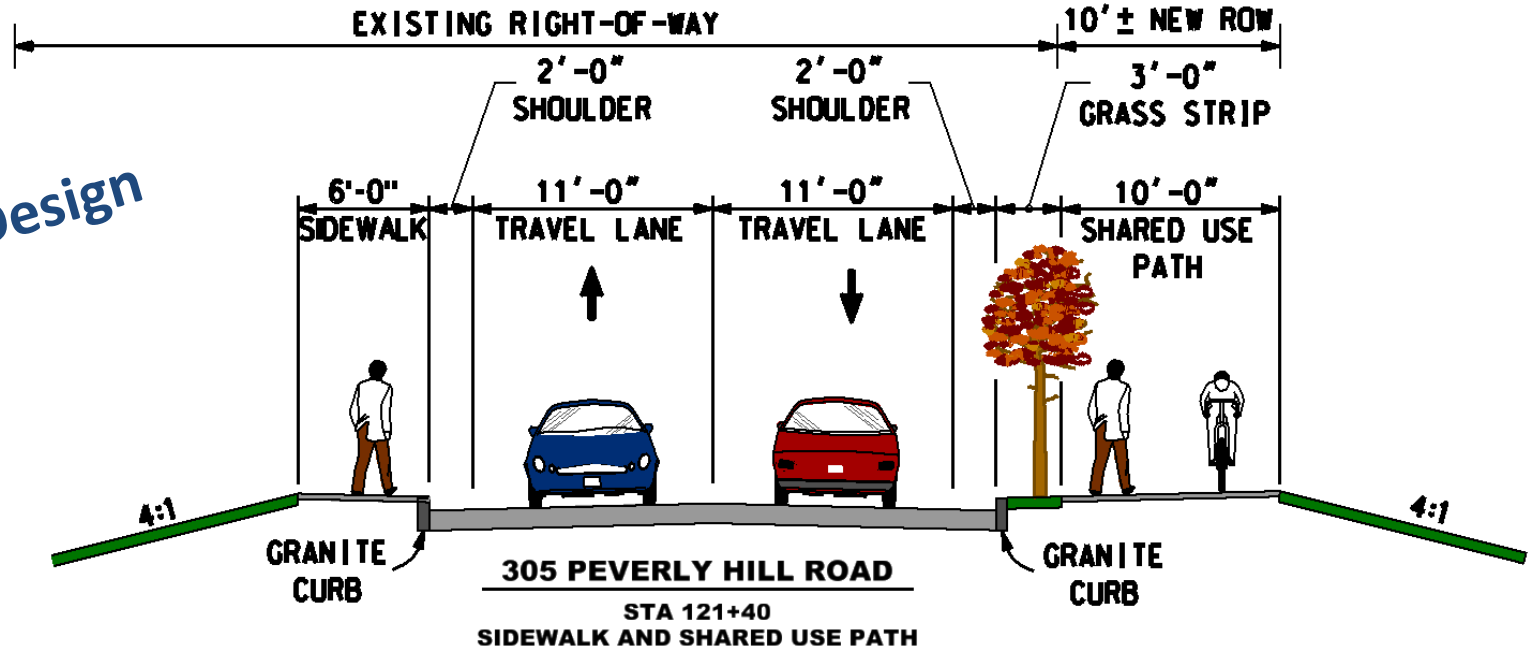


Sidewalk Only

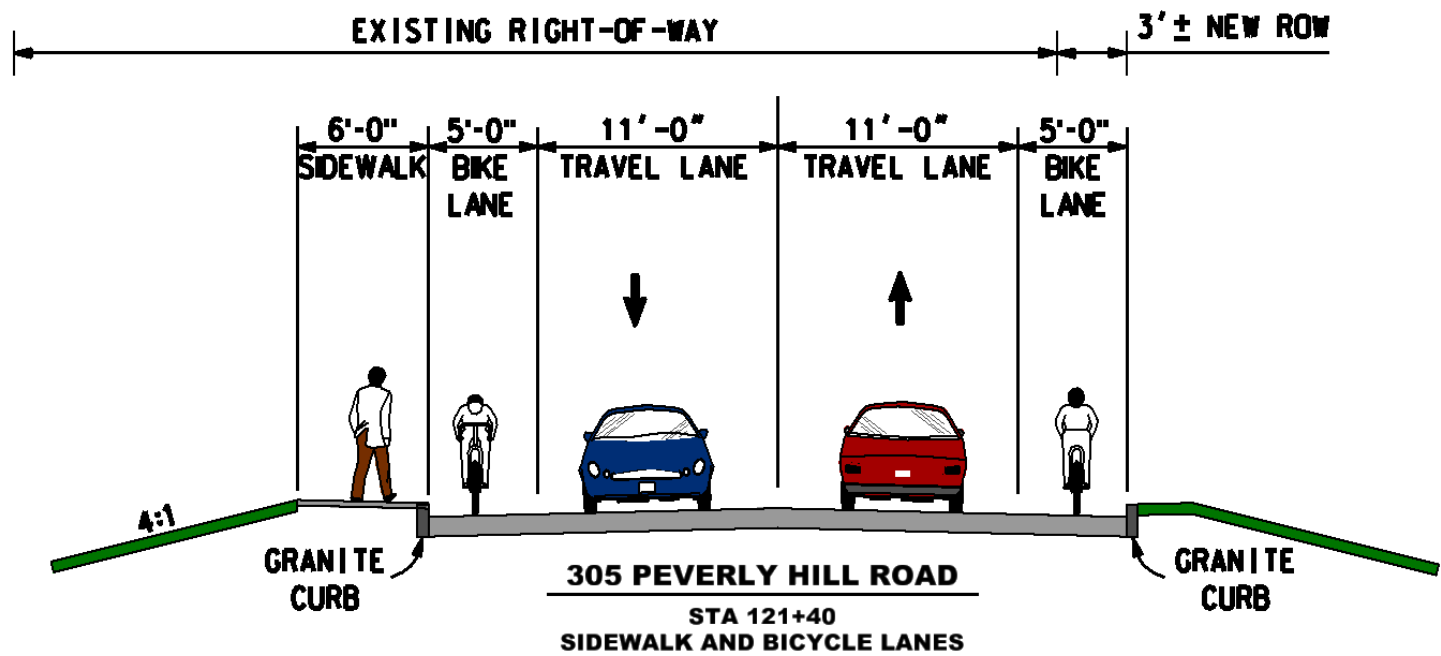


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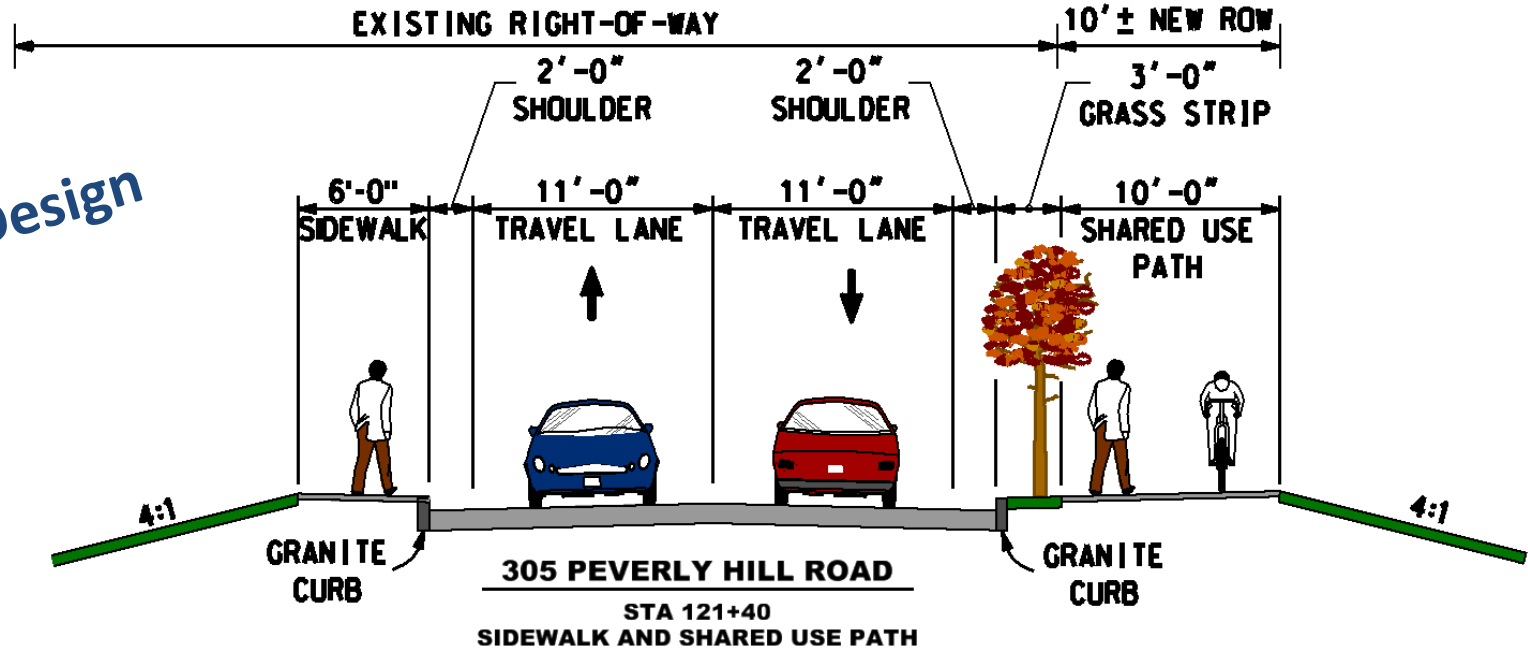
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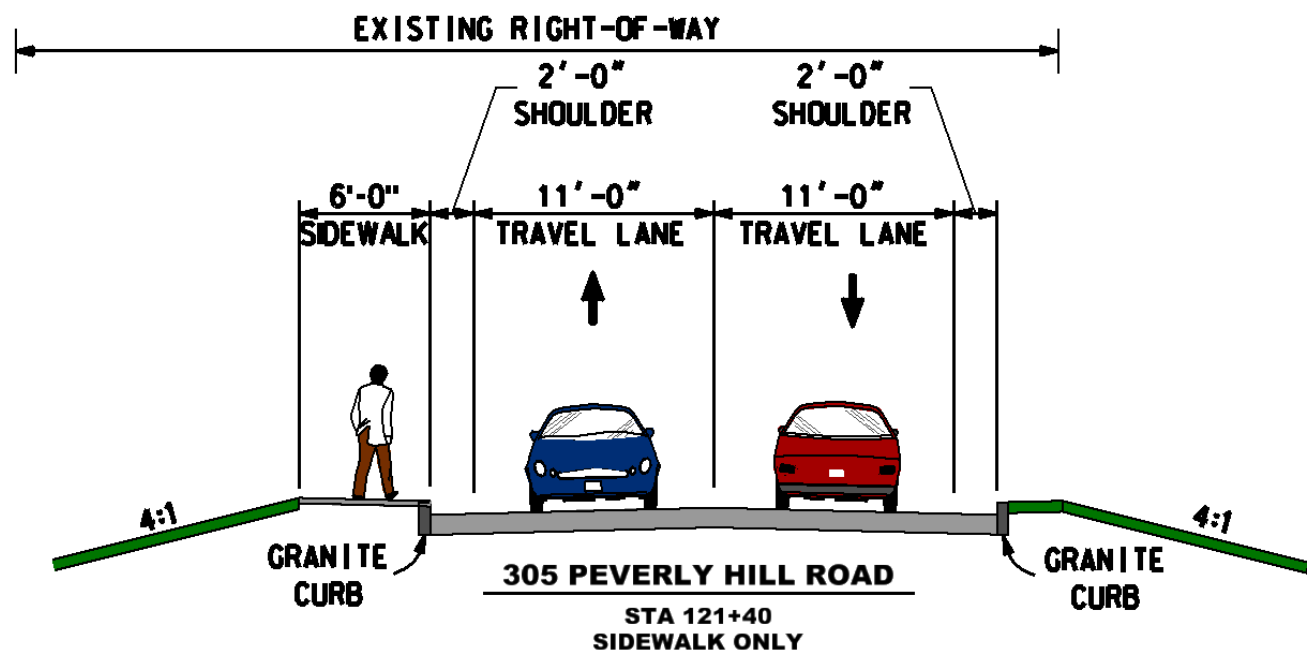
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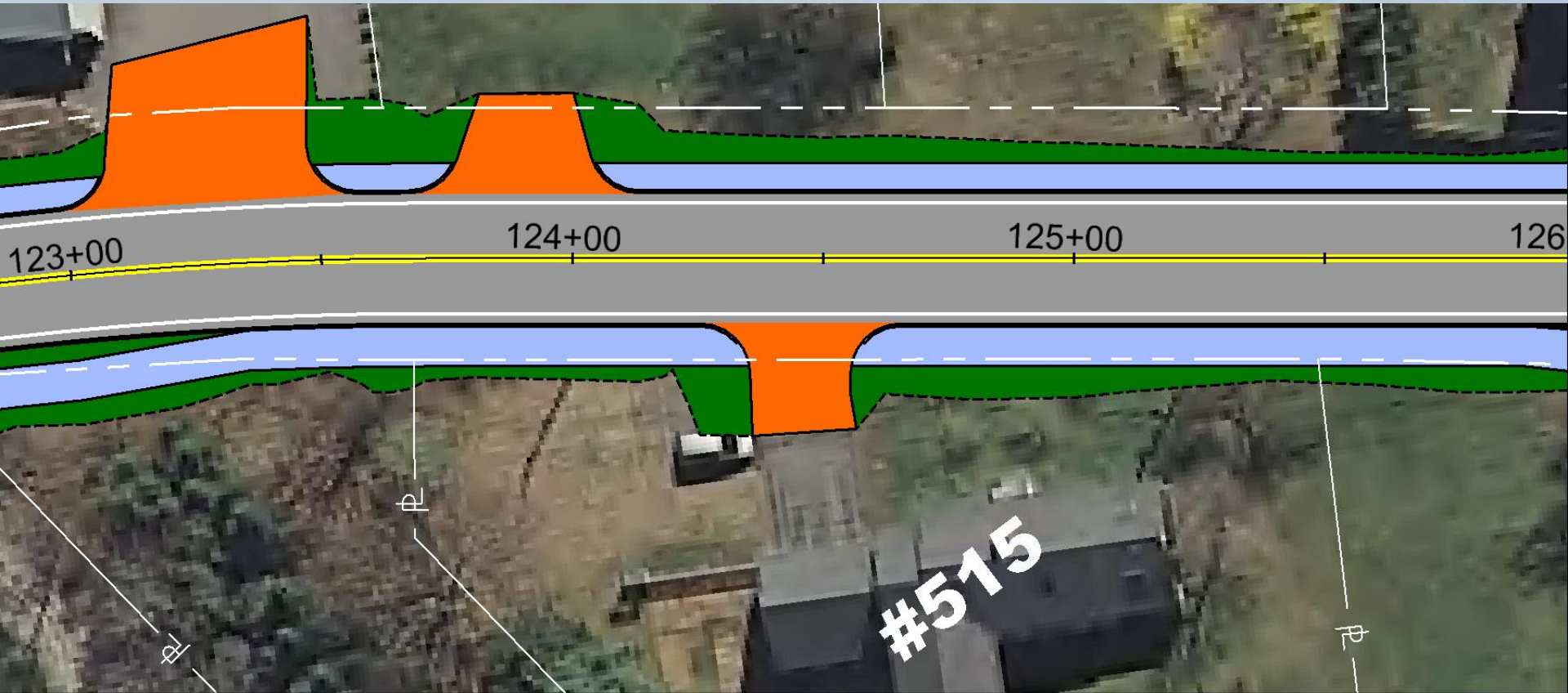


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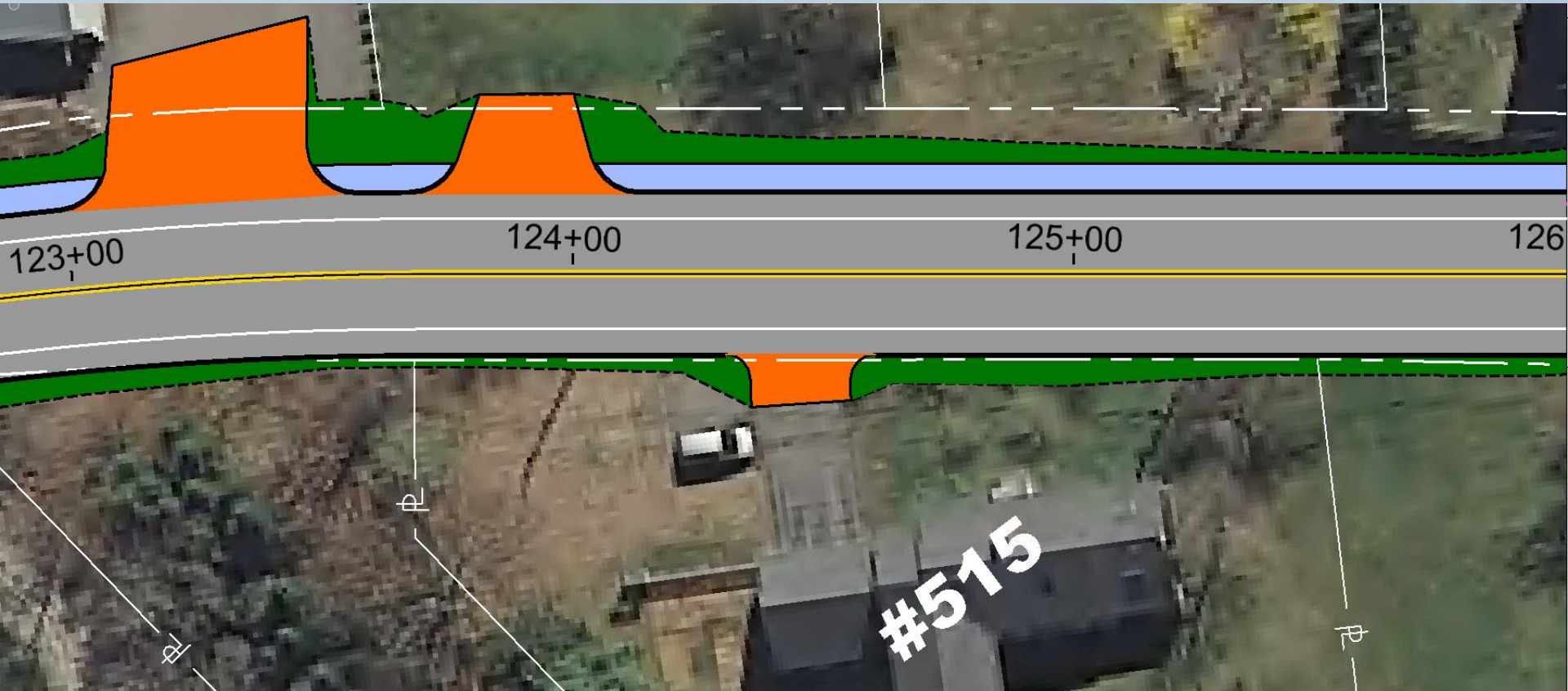


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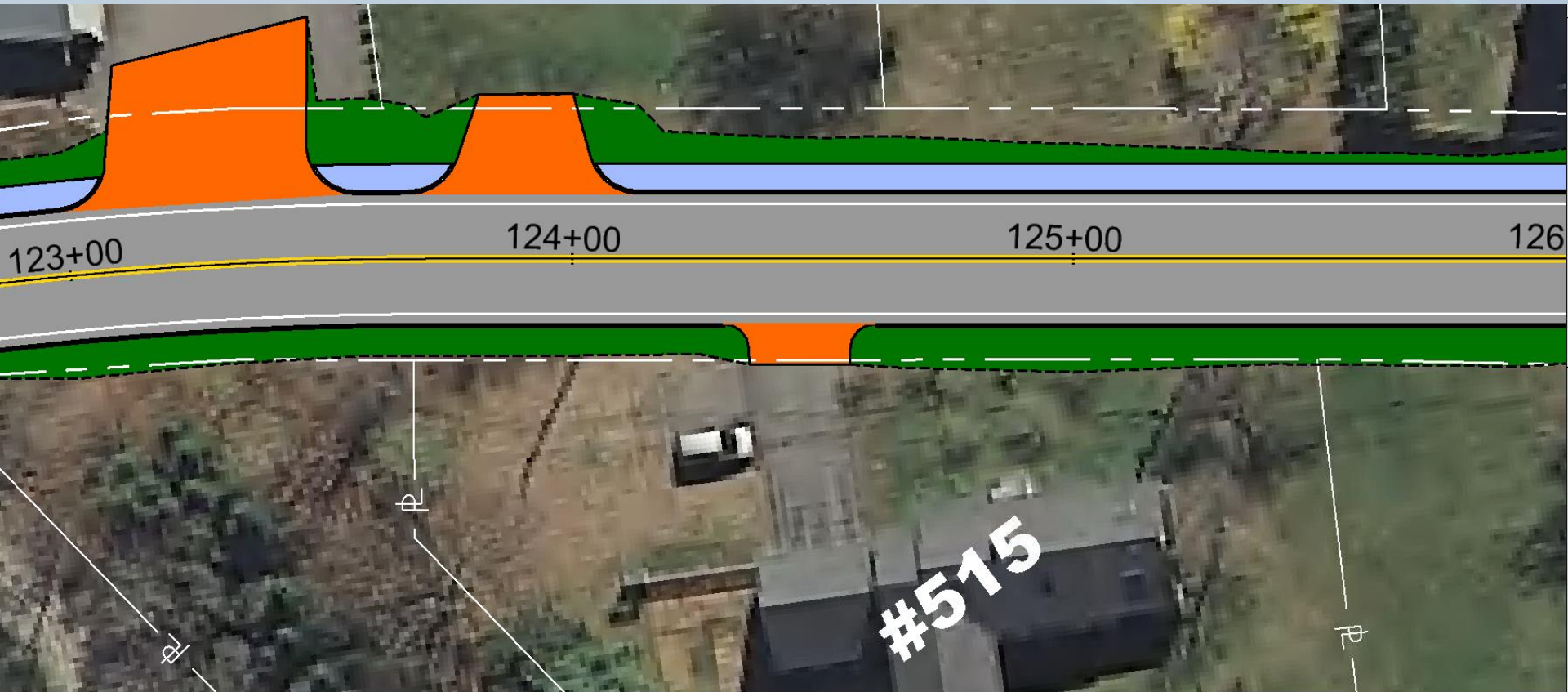


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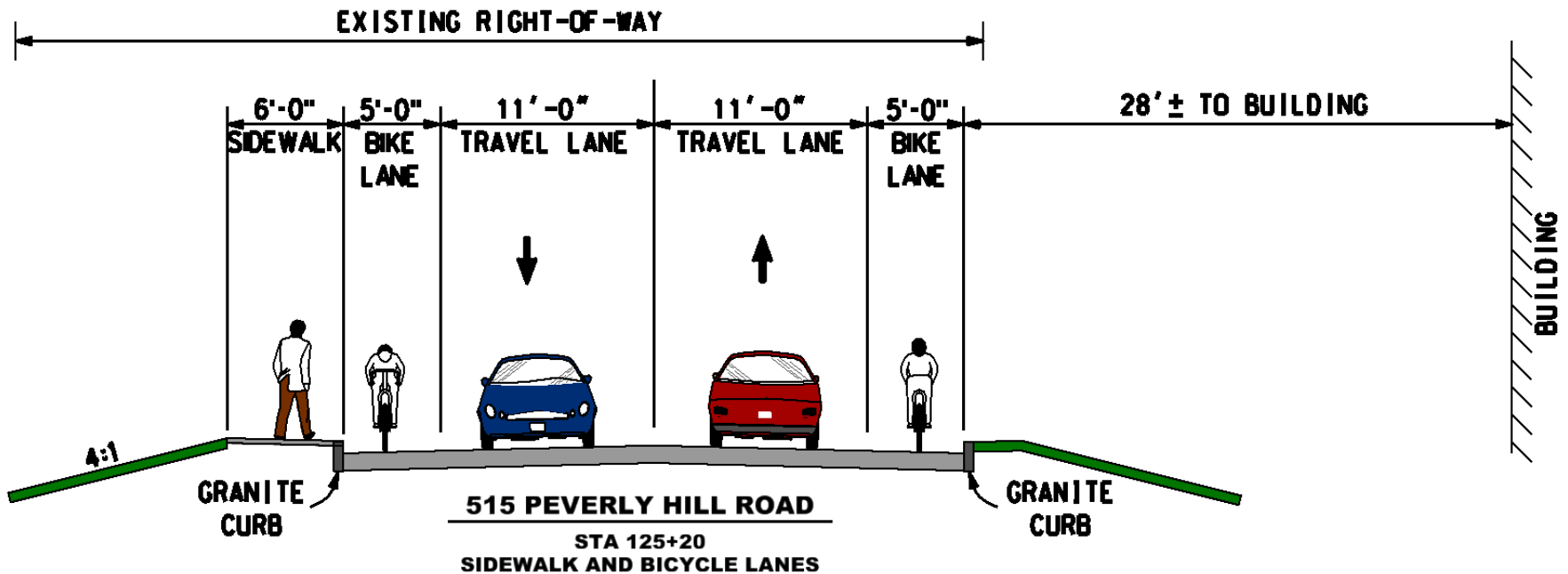
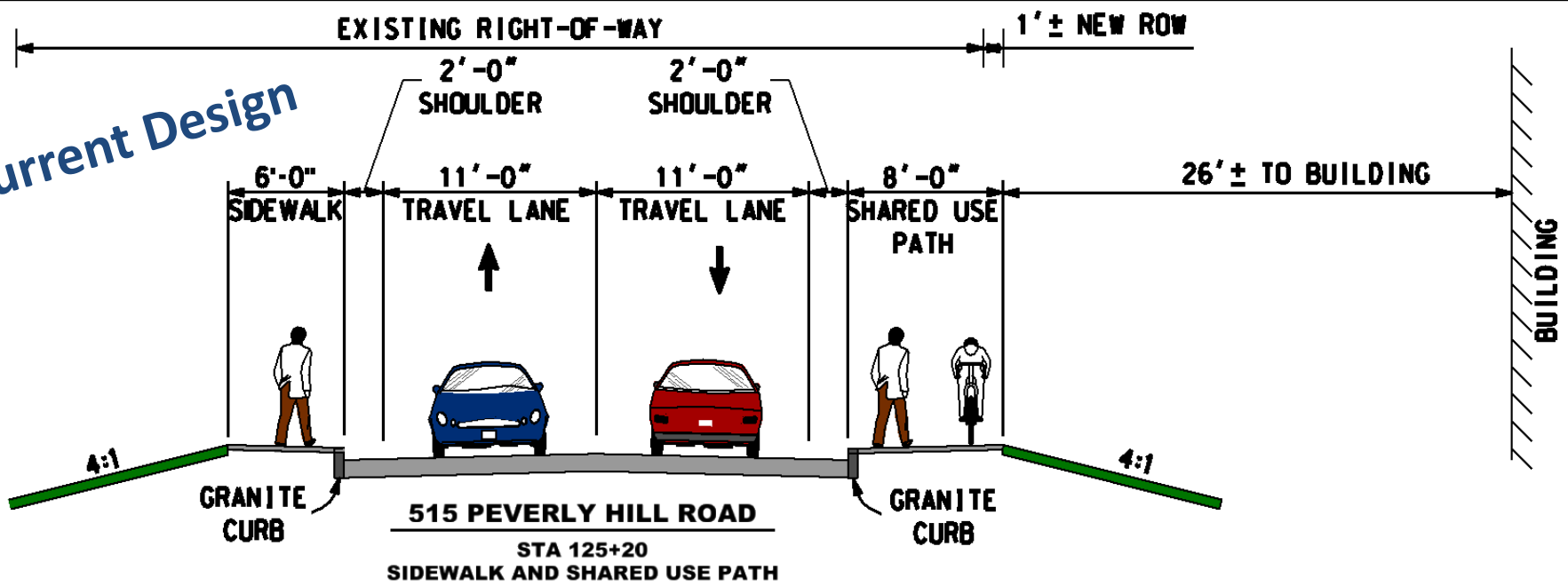




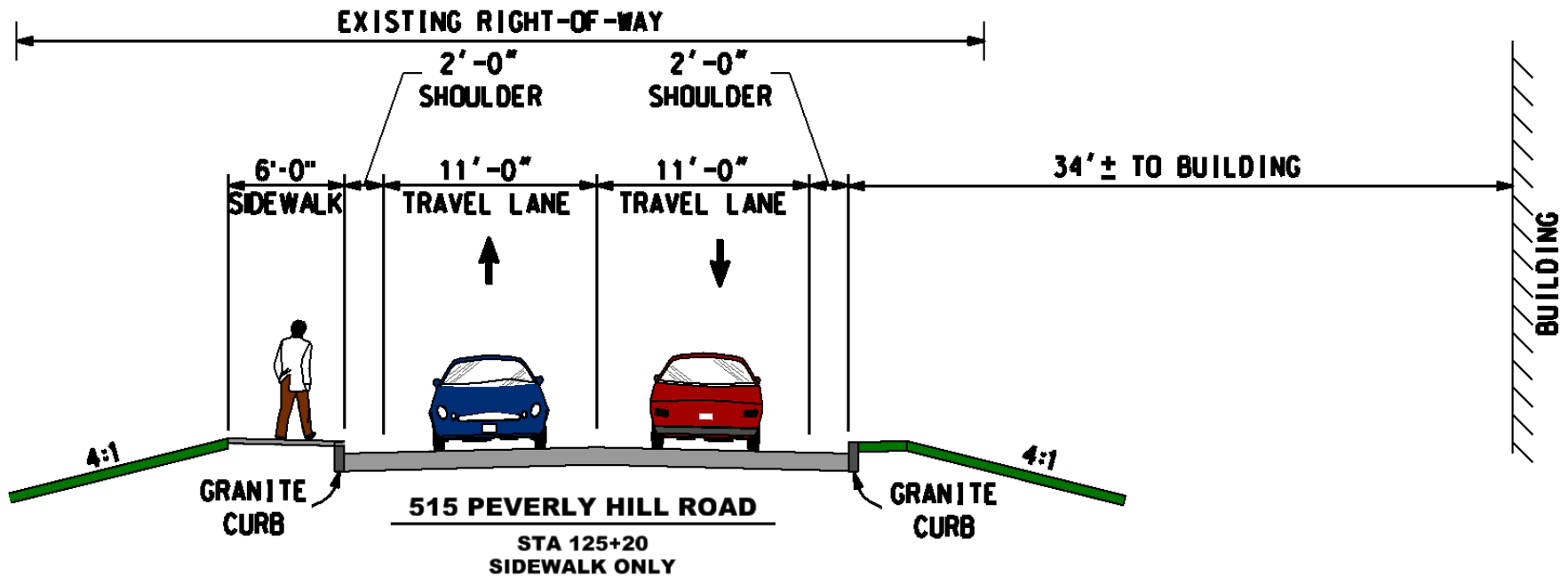
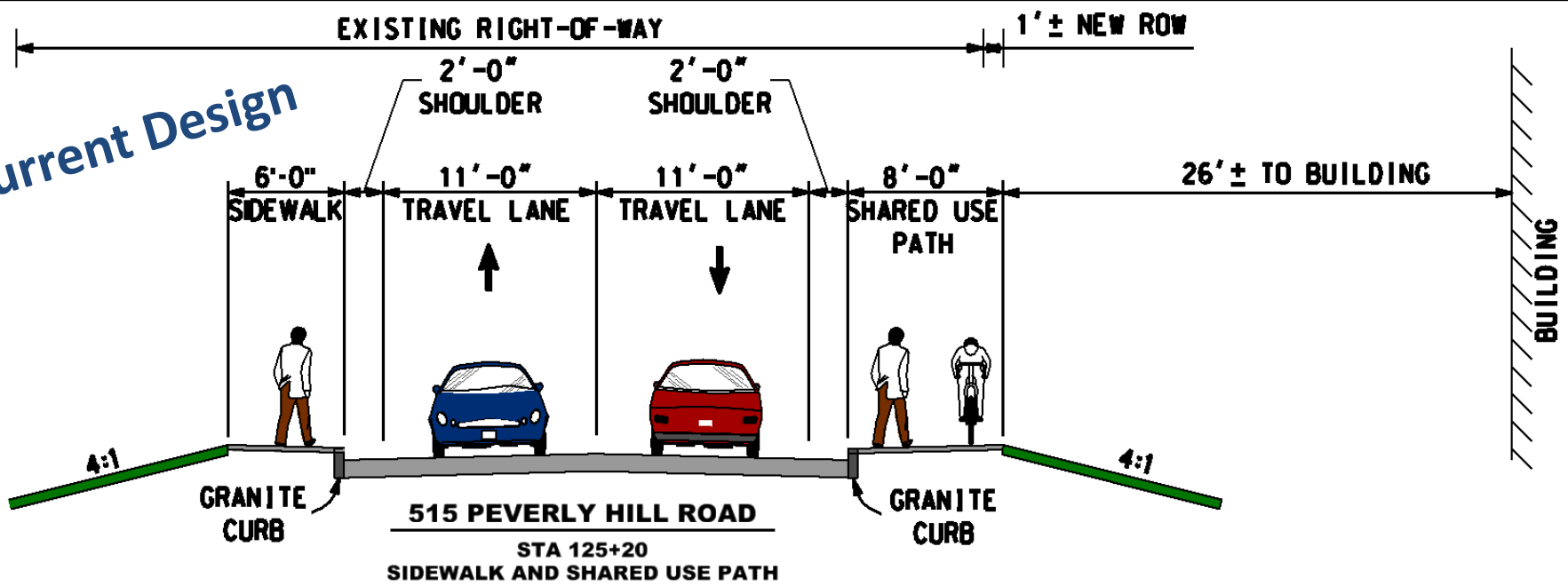
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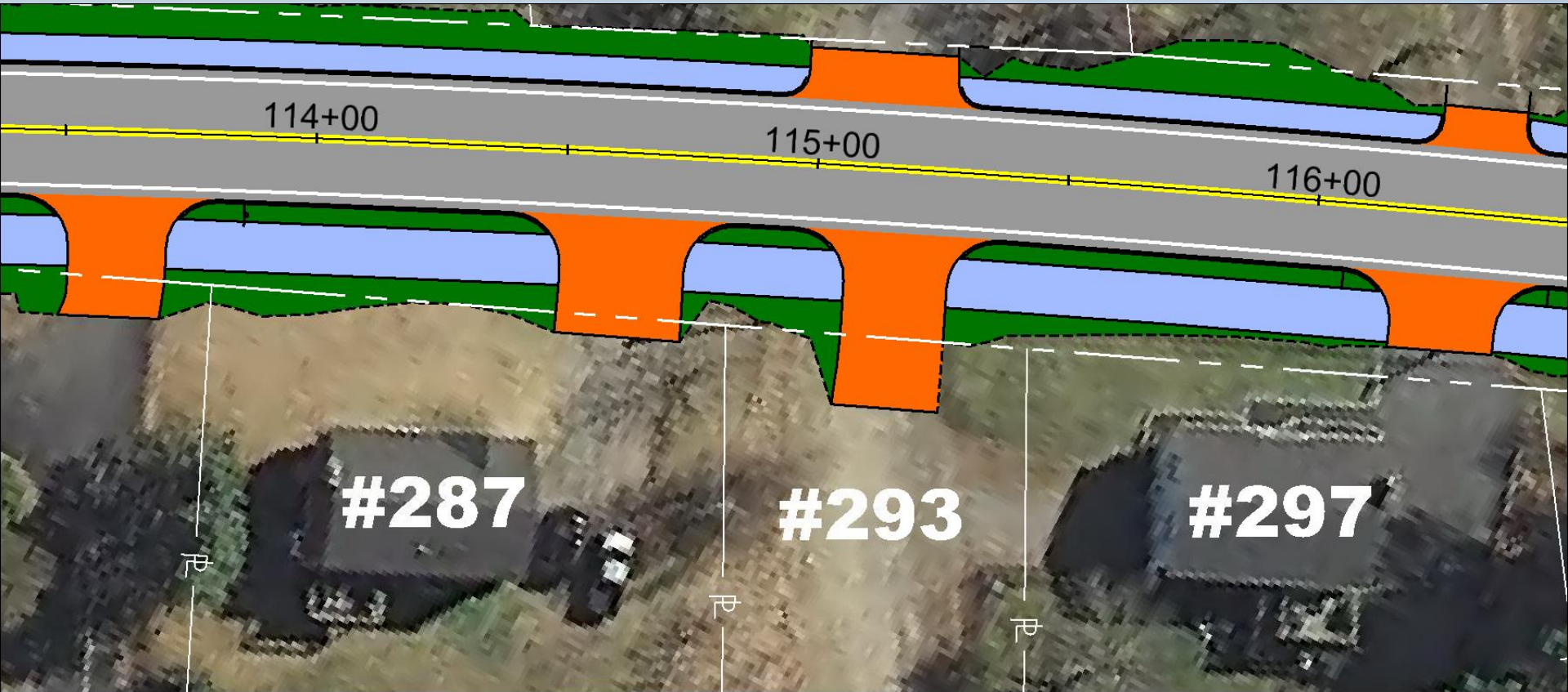


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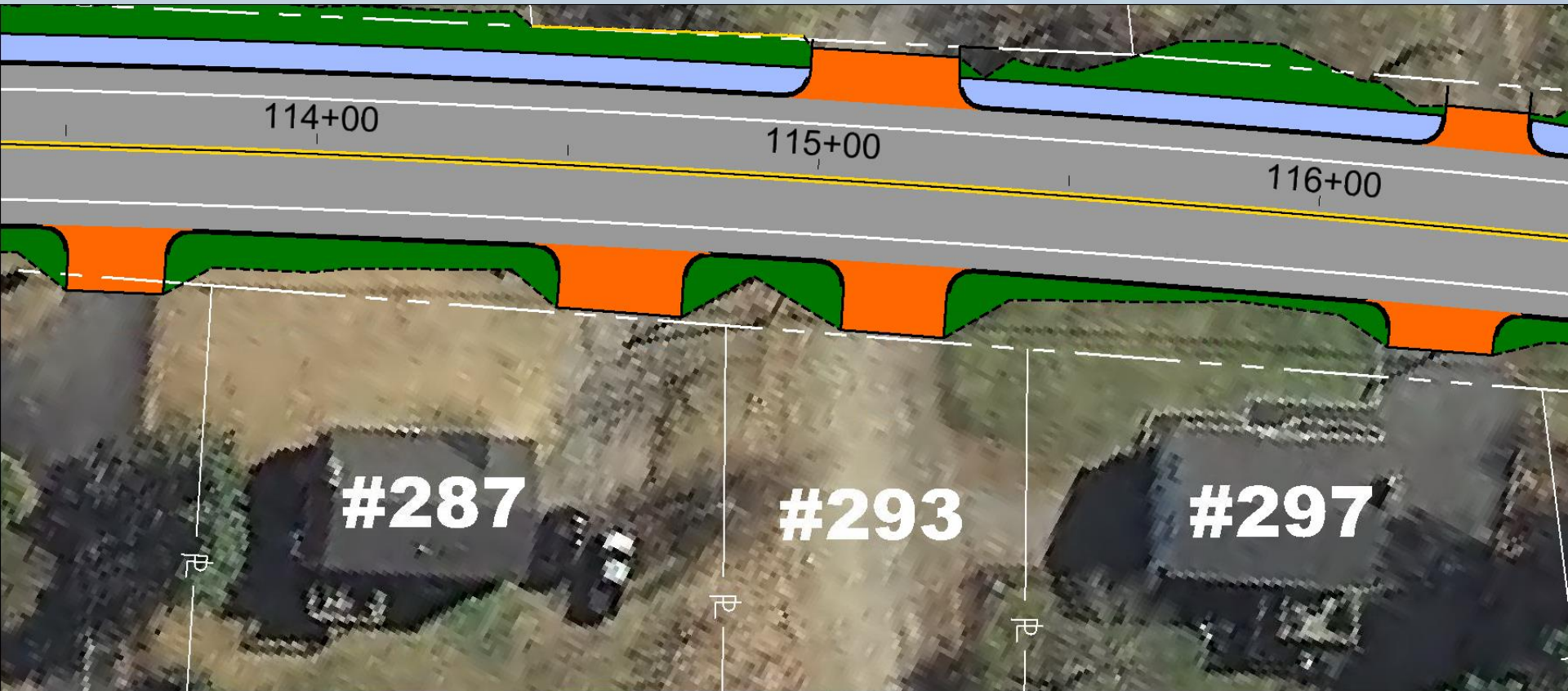


Current Design - Sidewalk and Shared Use Path





Sidewalk and Bicycle Lanes

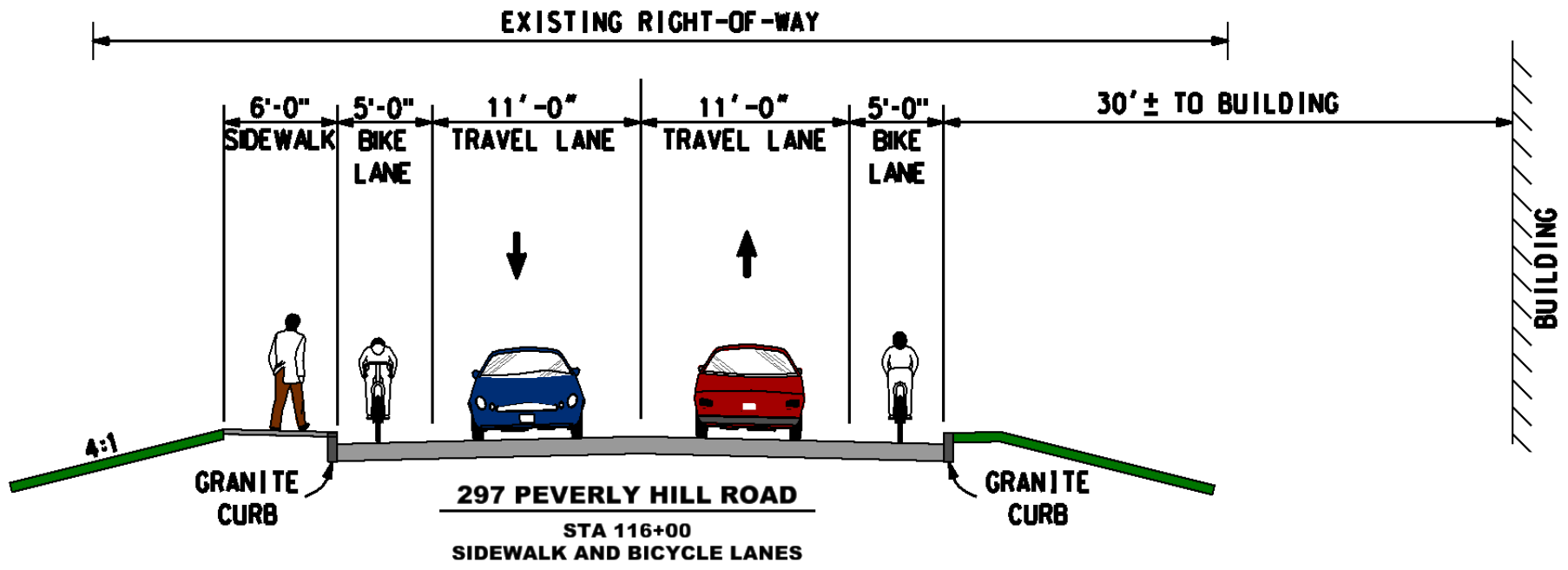
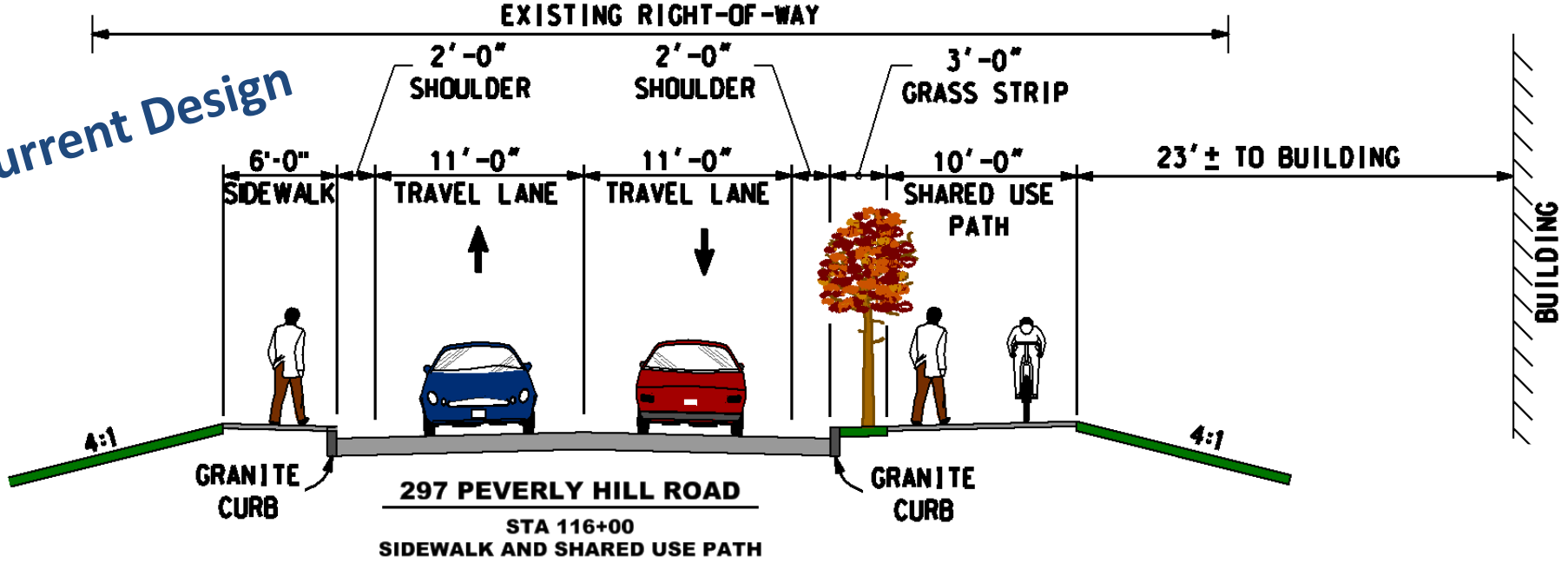




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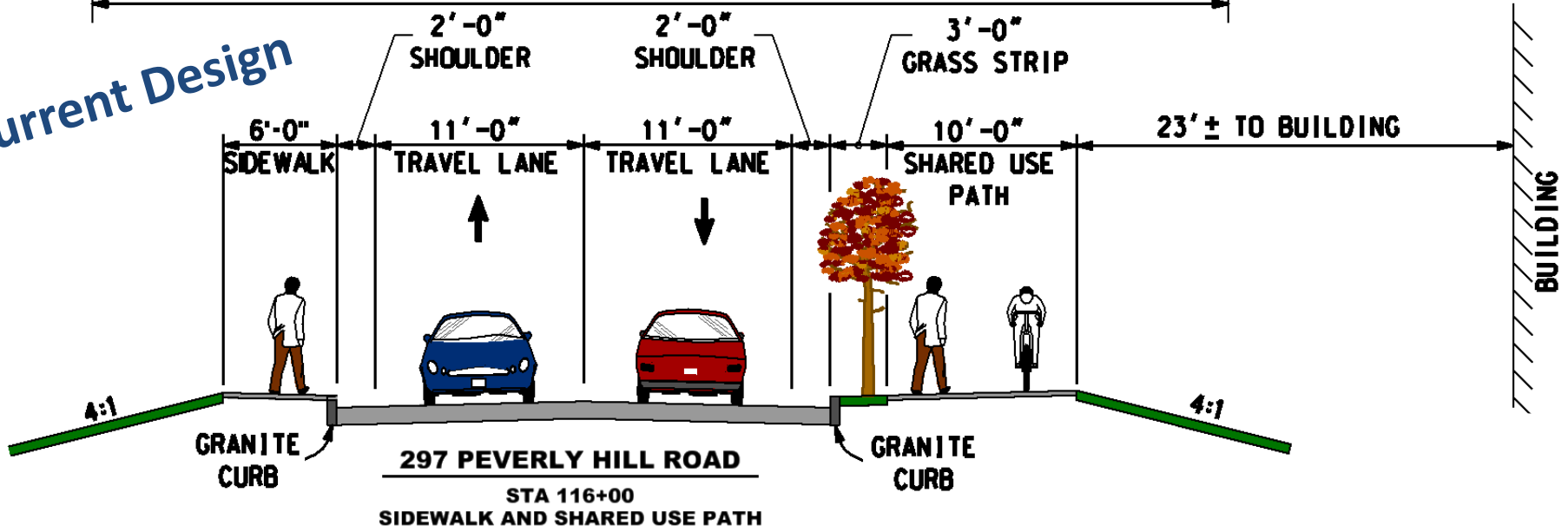


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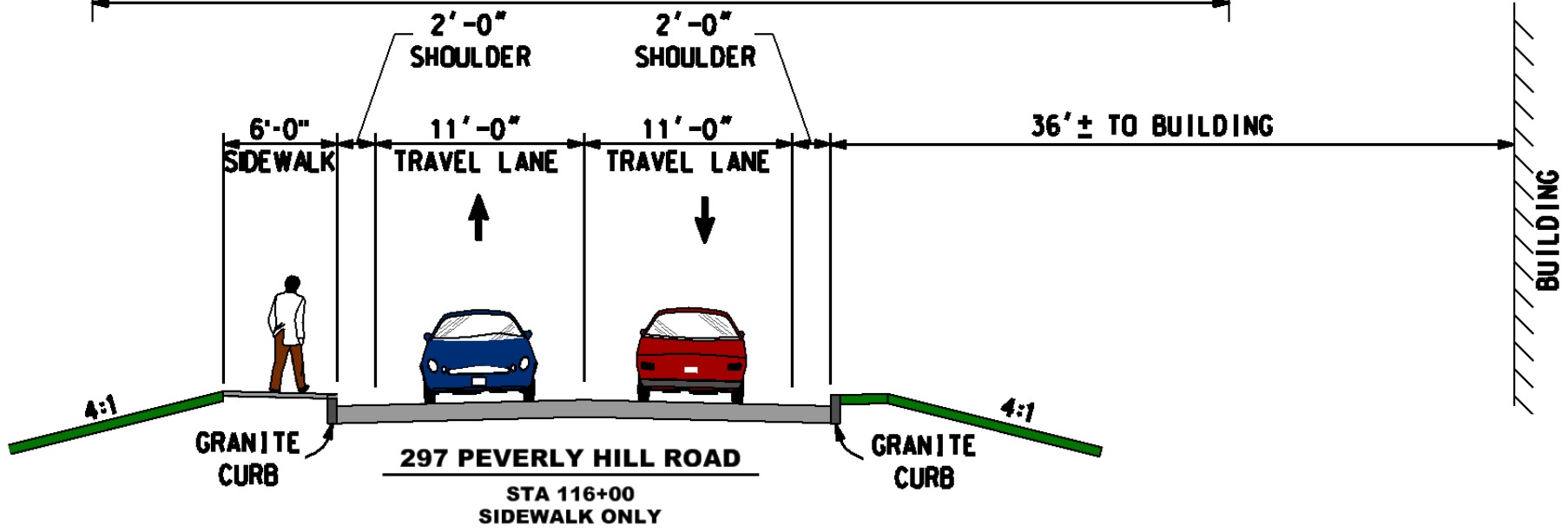


Current Design

EXISTING RIGHT-OF-WAY



EXISTING RIGHT-OF-WAY



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



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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



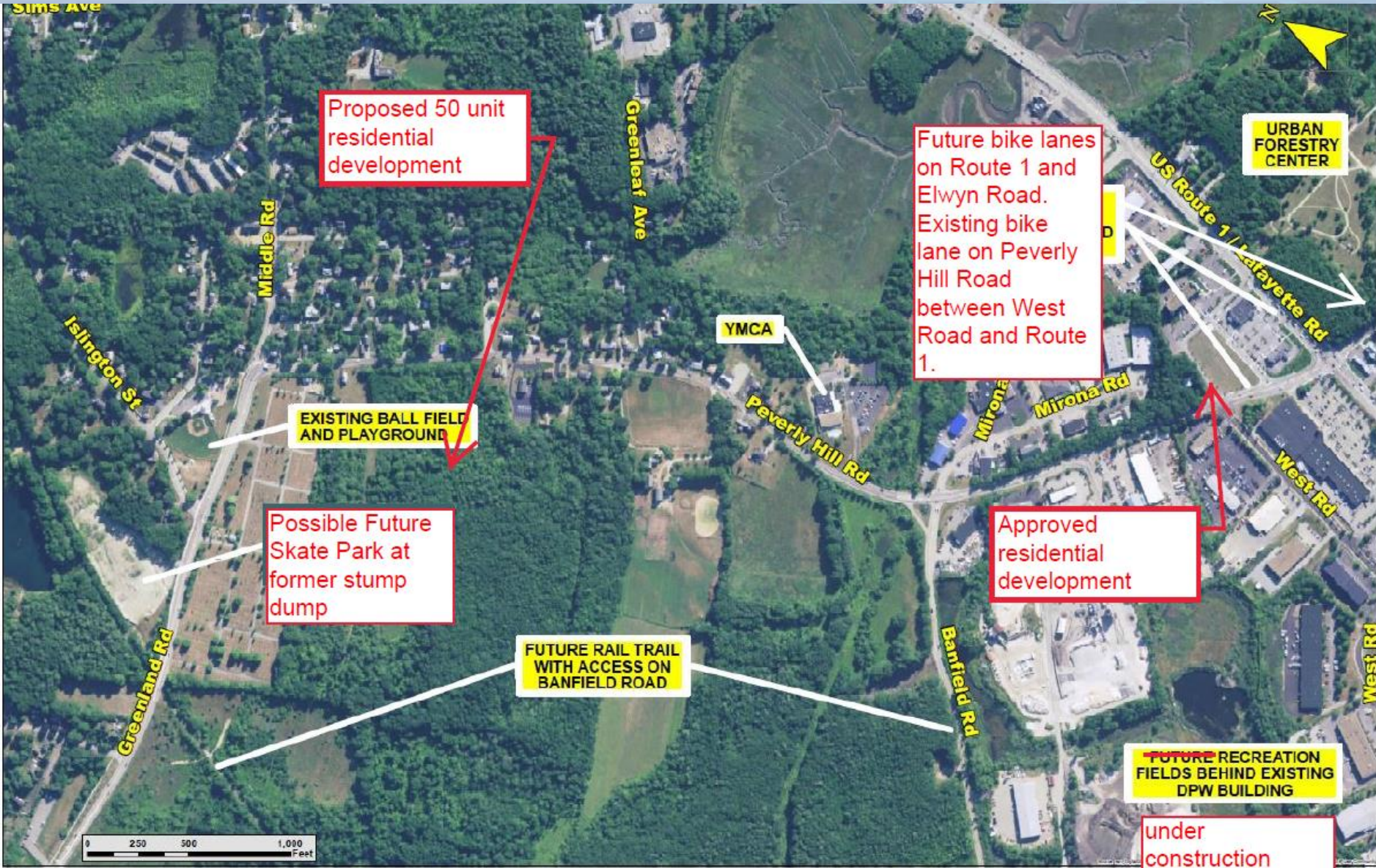
City of Portsmouth

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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	Maybe	4	Yes	Maybe	1YR +	No	No

Why Bike/Ped Path in this Location?





COMPLETE STREETS PROGRAM

According to the City's Complete Streets Policy (adopted in October 2013), the City has committed to "approach every transportation improvement and project phase as an opportunity to create safer, more accessible streets for all users," and to use the best and latest design standards available.

Complete Streets Policy, October 2013

Bicycle Friendly Communities Policy, October 2013

Walk Friendly Communities Policy, October 2013

Complete Streets Demonstration Project Policy

Portsmouth Complete Street Design Guidelines, July 2017



http://files.cityofportsmouth.com/files/planning/completestreet_policy.pdf



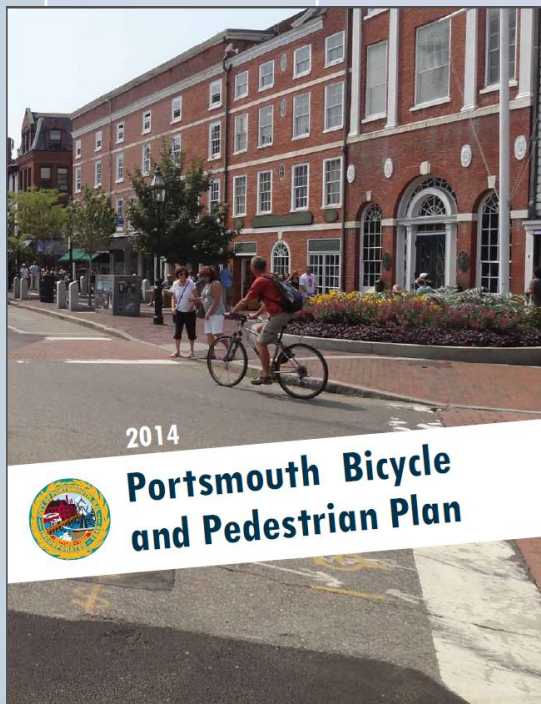
How does this fit into the overall plan?



City of Portsmouth

Project Description in 2014 Bicycle and Pedestrian Master Plan

Project ID	Priority	Project Name	Project Description
10	High	Low-stress connection to YMCA and neighborhoods	Existing CIP project. Sidepath with acquired ROW to create critical north-south connection between Middle Rd and Lafayette Rd. Sidewalk on one side from Lafayette to Mirona Rd.





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

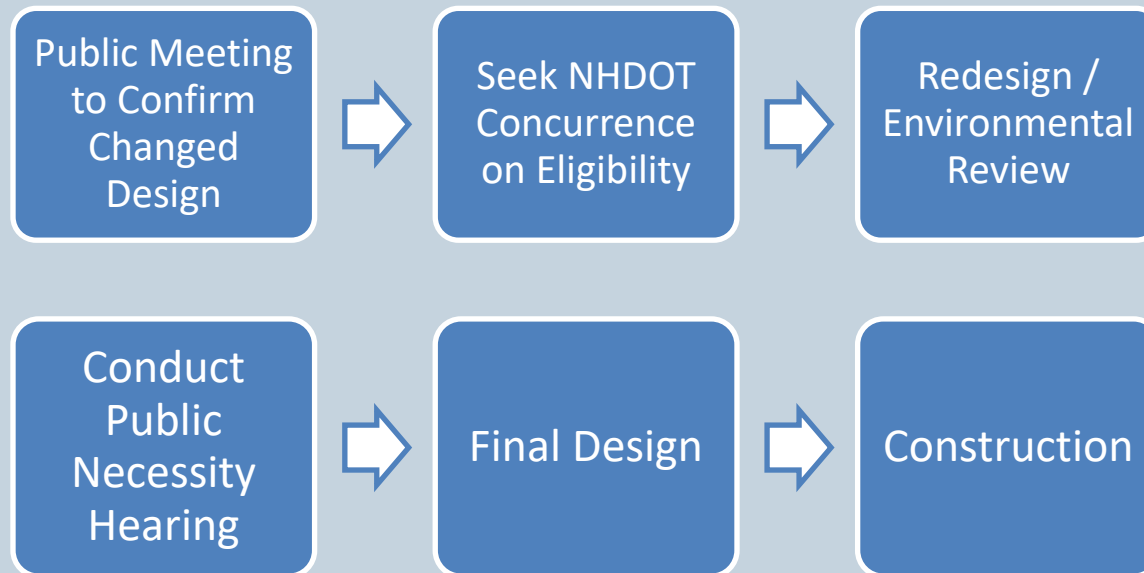
- Continue with Current Design - Sidewalk and Shared Use Path
- Suggested Public Hearing on June 7, 2021 or later





Next Steps

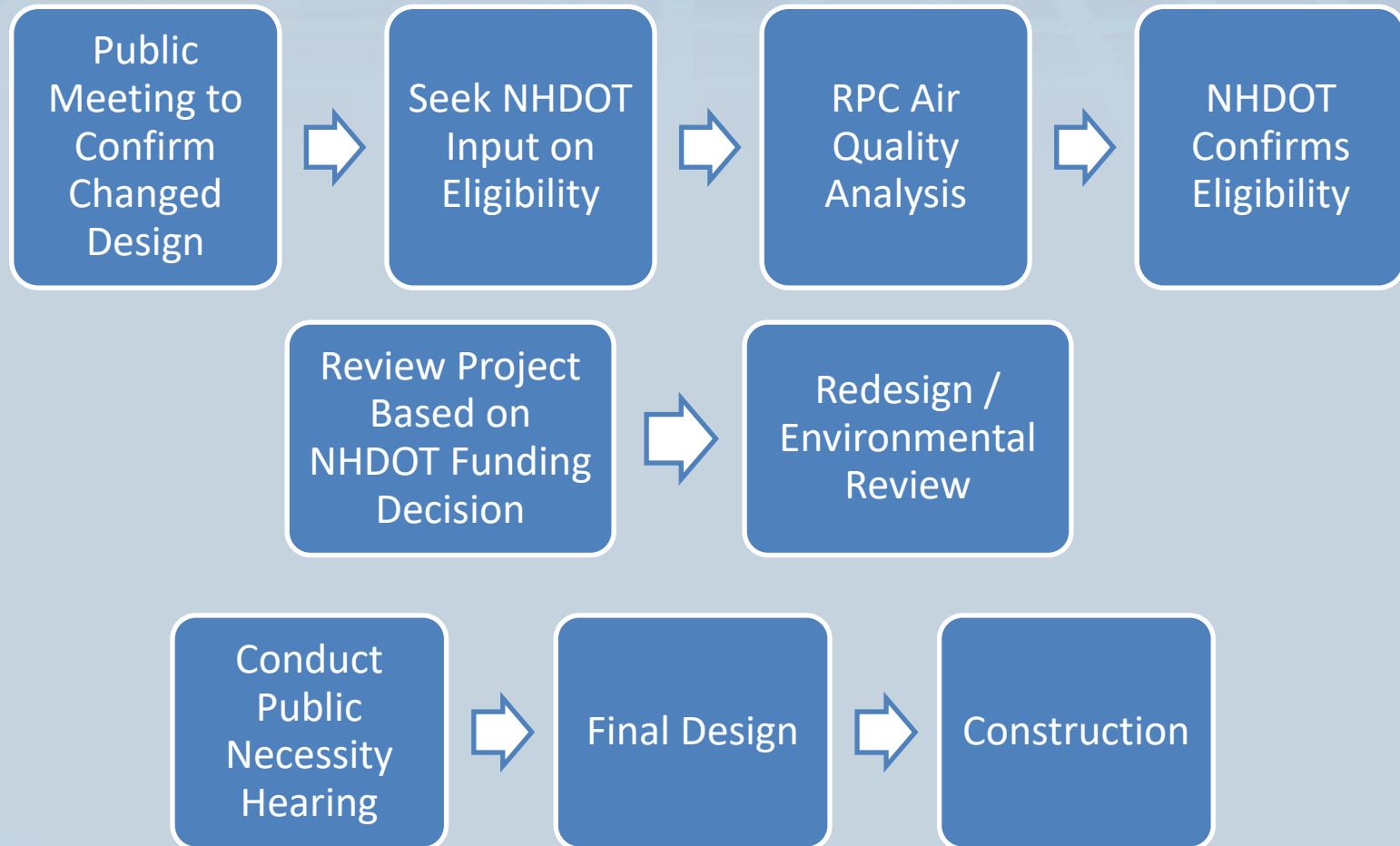
- Proceed with Sidewalk and Bicycle Lanes
- Suggested Public Meeting on June 7, 2021 or later





Next Steps

- Proceed with Sidewalk Only





Contact

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