

Elwyn Park Portsmouth Sidewalk Feasibility Study



Meeting Agenda

- Welcome and Introductions
- Slide Presentation
 - Project Background
 - Draft Recommendations
 - Next Steps
- Discussion Questions



Project Background

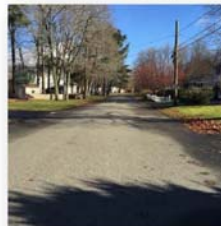
- Safe Routes to School Action Plan (2010)
- Bicycle & Pedestrian Plan (2014)
- Capital Improvement Plan (2017)



Transportation Management: Bicycle/Pedestrian

TSM-17-PL-67: ELWYN PARK TRAFFIC CALMING AND PEDESTRIAN IMPROVEMENTS

Department	Planning Department & Public Works
Project Location	Elwyn Park (McKinley Rd, Harding Rd, Van Buren Rd, Fillmore Rd)
Project Type	Construction or Expansion of a Public Facility, Street or Utility
Commence FY	2018
Priority	B (needed within 4 to 6 years)
Impact on Operating Budget	Negligible (<\$5,001)



Description: This project will provide safe pedestrian connections and traffic calming throughout the Elwyn Park Neighborhood. A feasibility is currently underway to identify priority streets within the neighborhood.

Useful Website Links:

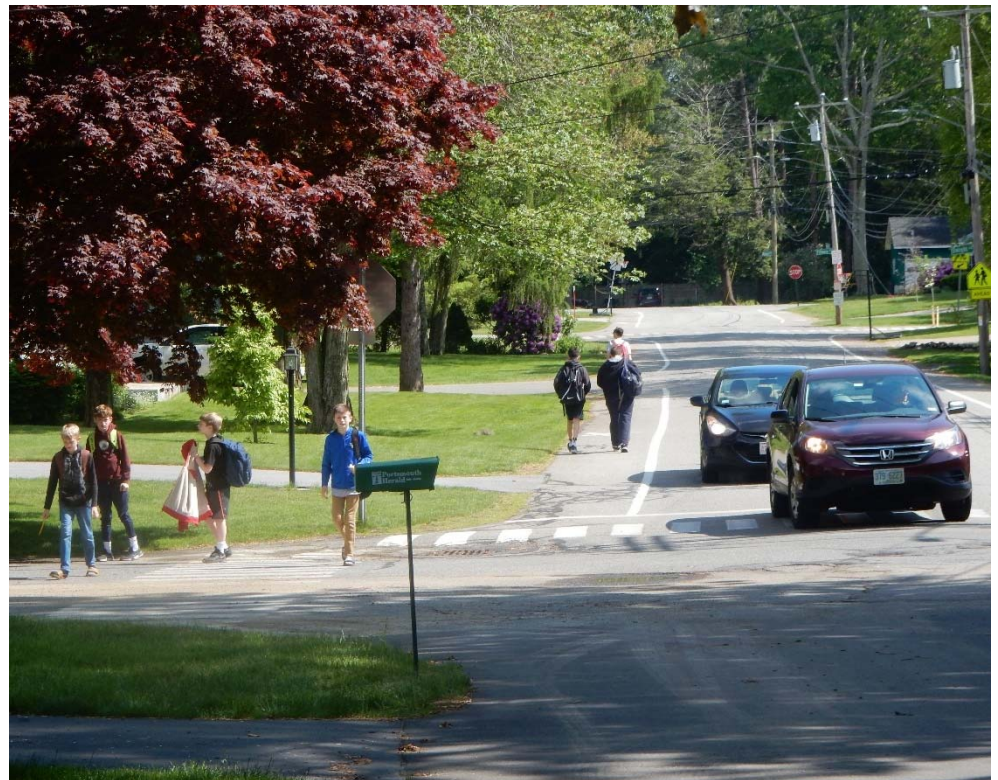
- [Public Works Homepage](#)
- [FY20-25 CIP page](#)

		FY21	FY22	FY23	FY24	FY25	FY26	Totals 21-26	6 PY's Funding	Totals
GF	24%		\$300,000					\$300,000	\$20,000	\$320,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	76%				\$1,000,000			\$1,000,000	\$0	\$1,000,000
Other	0%							\$0	\$0	\$0
Revenues (parking)	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
Totals		\$0	\$300,000	\$0	\$1,000,000	\$0	\$0	\$1,300,000	\$20,000	\$1,320,000

Project Background

Project Goal is to Assess the Feasibility for:

- Improving pedestrian and bicycle accessibility
- Enhancing accessibility to Dondero School (for students and voters)
- Mitigating impacts of traffic
- Retaining neighborhood character



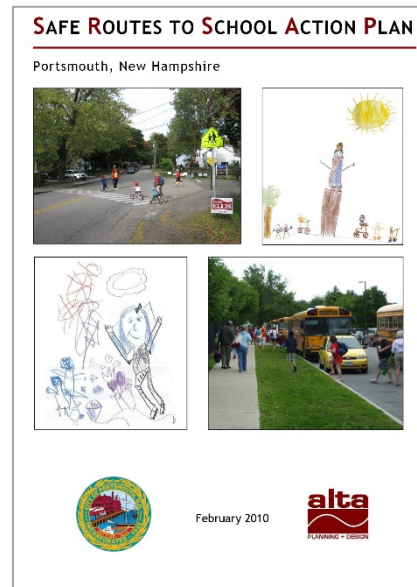
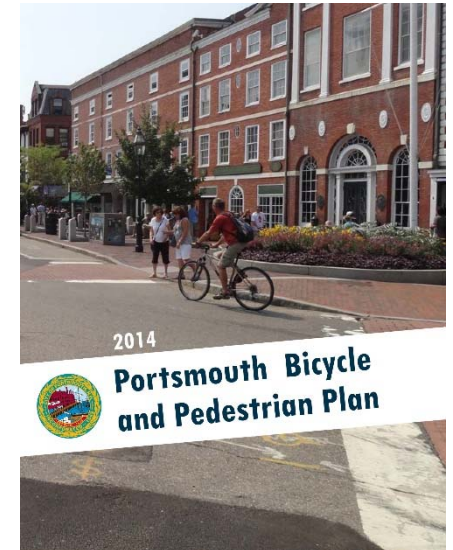
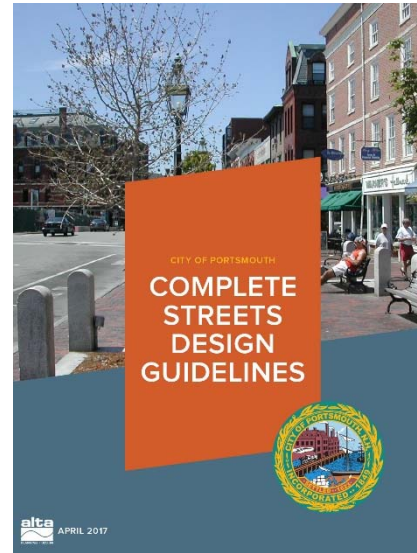
Van Buren/McKinley Middle School bus stop

Project Background



Documents Reviewed:

- Portsmouth Complete Streets Design Guidelines (2017)
- Portsmouth Bicycle & Pedestrian Plan (2014)
- Portsmouth Safe Routes to School Action Plan (2010)

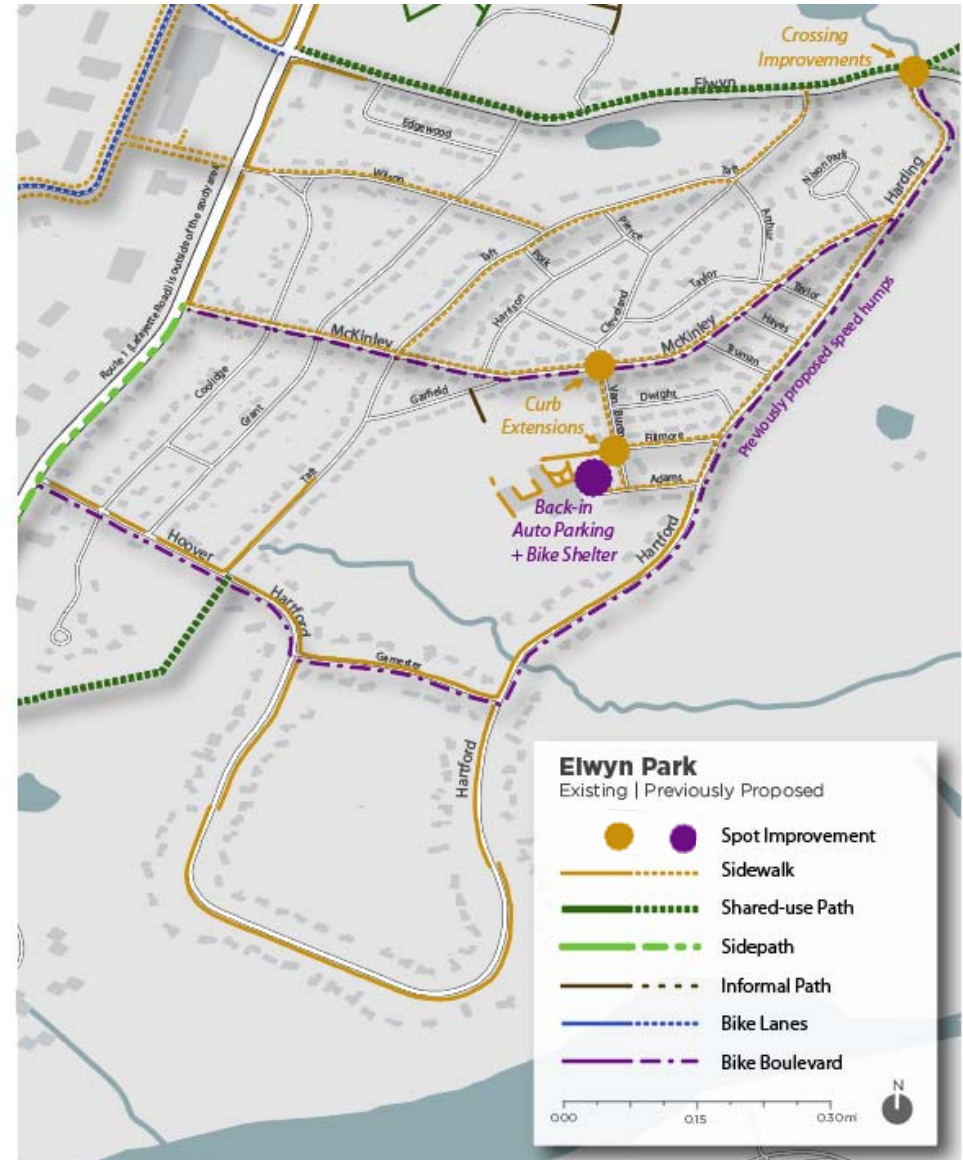




Project Background

Planned Projects:

- Drainage improvements
- Roadway resurfacing
- New shared-use path

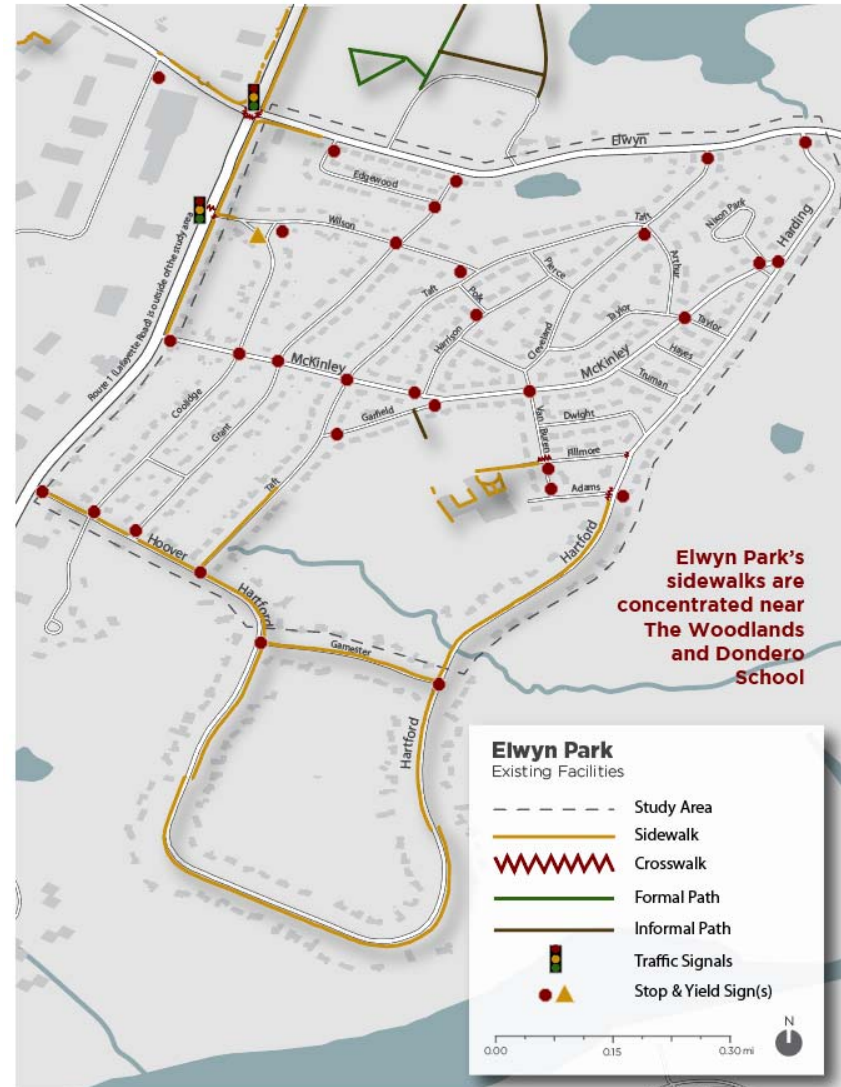




Project Background

Observed Conditions:

- Dondero students and guardians walk in the street
- Lack of ADA accessibility
- Traffic speeds from vehicles coming from Route 1
- No dedicated bicycle facilities



October 2019 Public Meeting

What we heard:

- Support for sidewalks in select areas with minimal impact to adjacent properties and on-street parking
- Some opposition to all sidewalks and desire to retain the suburban feel of Elwyn Park
- Concern about speeding at “neighborhood entries”, McKinley Road in particular
- Limited support for striped bike lanes in the neighborhood





Fall 2019 Online Survey Results

~200 Online Survey Responses (83% Elwyn Park residents)

- 77% have safety concerns related to motor vehicle speeds in the neighborhood
- 50% have safety concerns related to lack of separation between cars and pedestrians
- 57% in “favor of traffic calming”; 20% against
- 68% think traffic calming is most needed on McKinley
- 56% support raised crosswalk/speed table to calm traffic
- 60% support speed radar signs to discourage speeding
- 64% support bicycle improvements (signs & stencils), if there was no impact to parking

Fall 2019 Online Survey Results

Specific to Sidewalk Construction:

- 67% in “favor of adding sidewalks on some streets”; 20% against
- 72% support a sidewalk along one side of McKinley Road →
- 55% support a sidewalk along one side of Van Buren Ave
- 51% support a sidewalk along one side of Harding Road

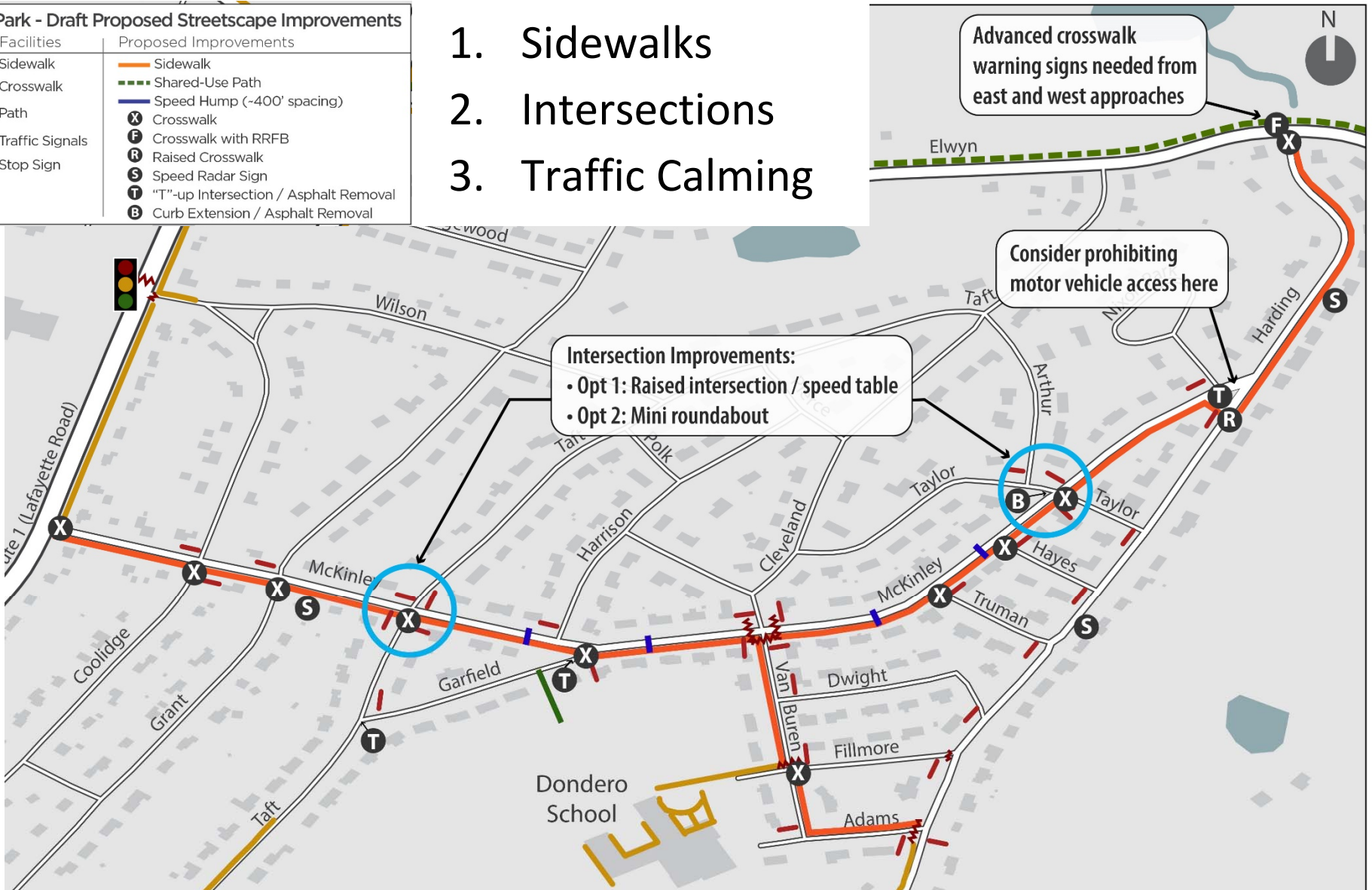




Draft Recommendations

Existing Facilities	Proposed Improvements
Sidewalk	Sidewalk
Crosswalk	Shared-Use Path
Path	Speed Hump (~400' spacing)
Traffic Signals	Crosswalk
Stop Sign	Crosswalk with RRFB
	Raised Crosswalk
	Speed Radar Sign
	"T"-up Intersection / Asphalt Removal
	Curb Extension / Asphalt Removal

1. Sidewalks
2. Intersections
3. Traffic Calming

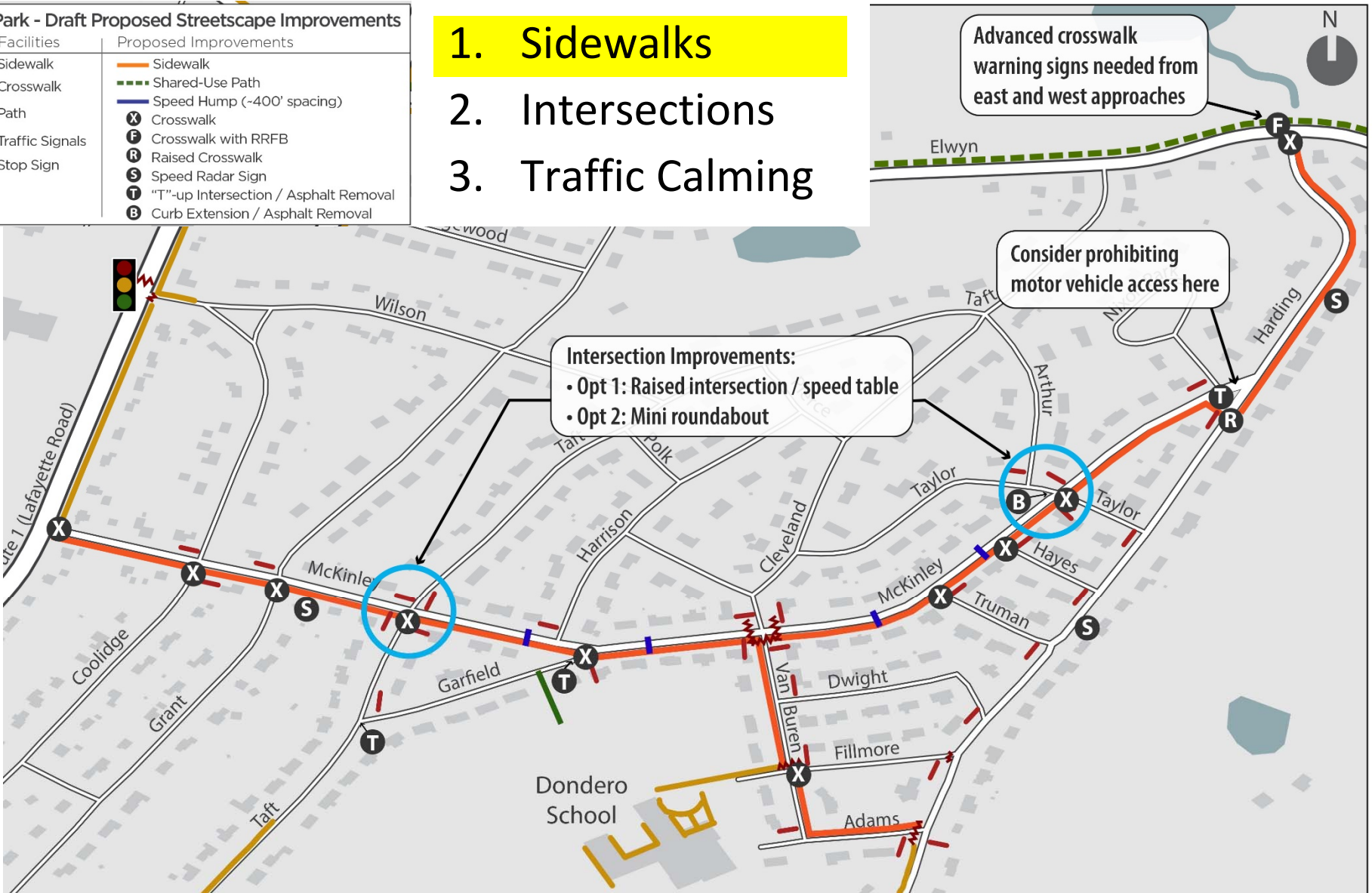




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1. Sidewalks
2. Intersections
3. Traffic Calming



1. Sidewalks

Basis for Recommendation:

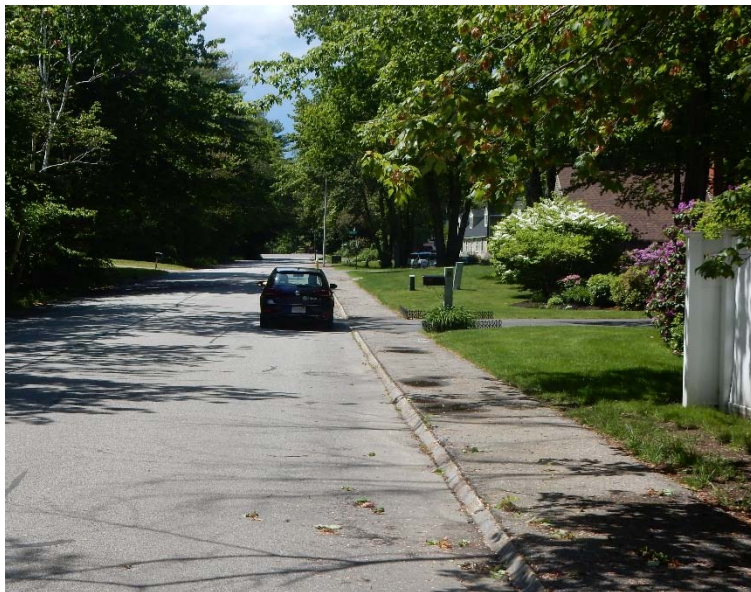
- Focused on safe walking routes to Dondero School
- Striped Pedestrian Lane easily compromised →
- Consistent with Complete Streets Design Guide (McKinley & Harding, esp.)
- Community support expressed at October meeting and from online survey



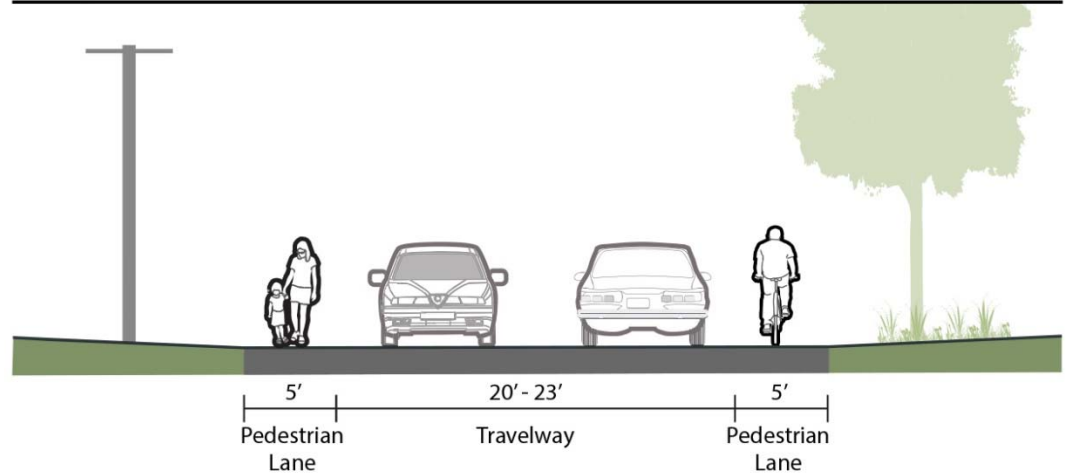
1. Sidewalks

Recommended Design

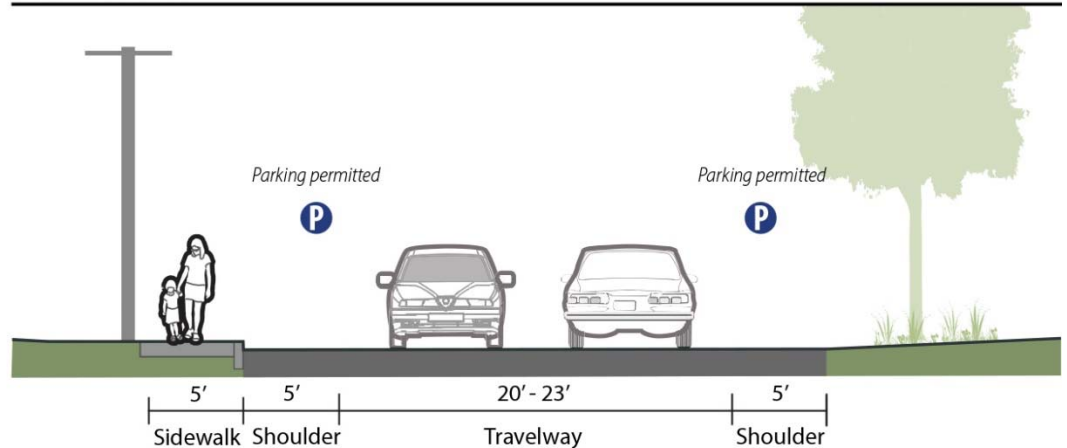
- 5'-wide concrete or asphalt with curb along edge of roadway
- Similar to Hoover Drive sidewalk



Existing Conditions



RECOMMENDED



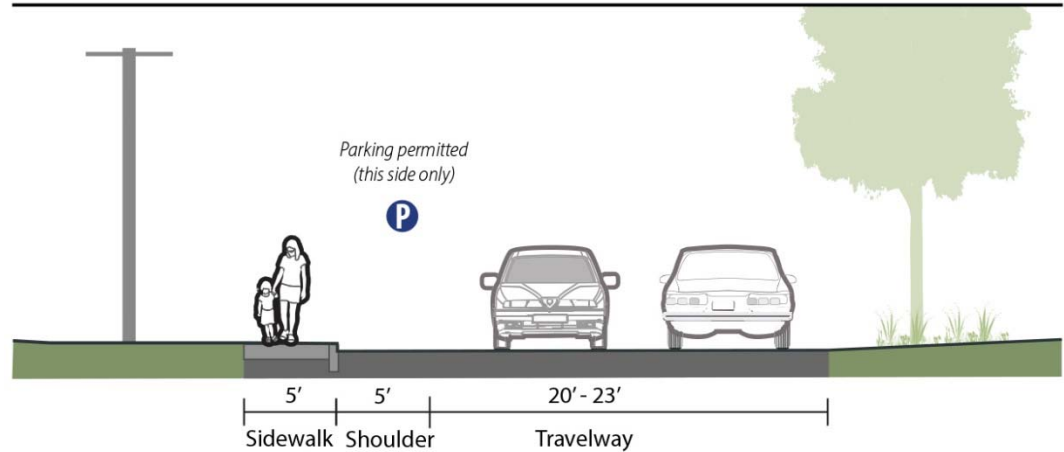


1. Sidewalks

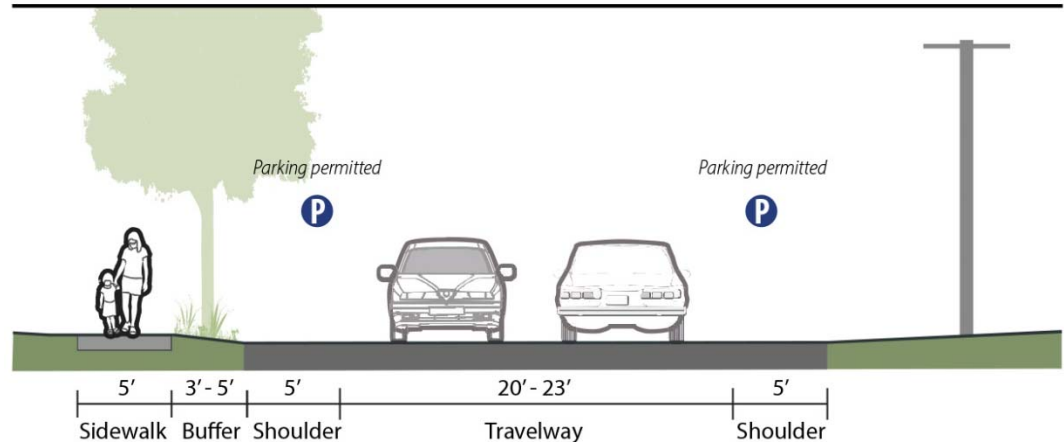
Design Variations

- Option A: 5'-wide sidewalk to replace portions of roadway (*restricts parking to one side*)
- Option B: 5'-wide sidewalk buffered from road with landscaping/trees (*more impact to adjacent property*)

RECOMMENDED: Variation A



RECOMMENDED: Variation B

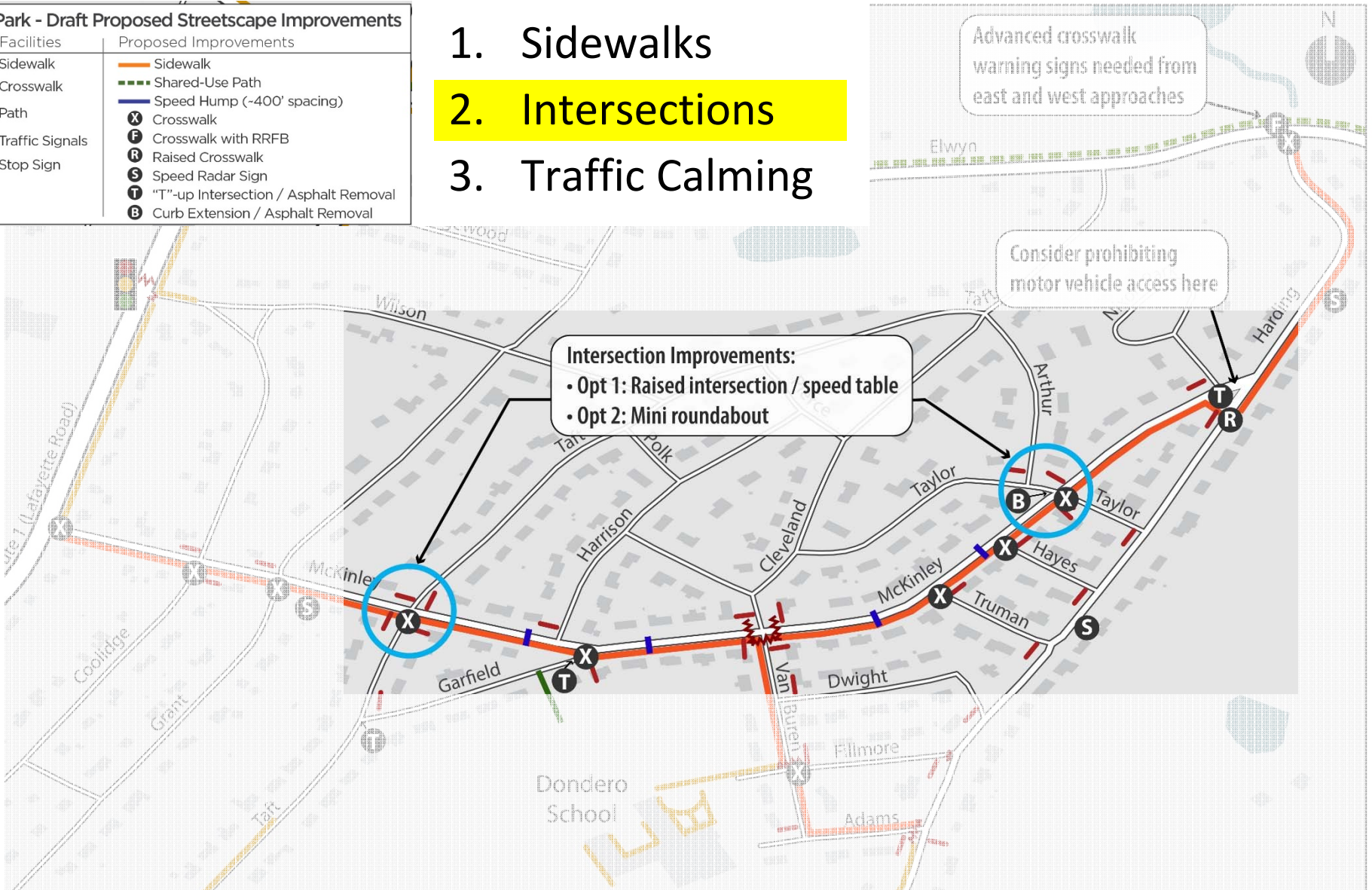




Draft Recommendations

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1. Sidewalks
2. Intersections
3. Traffic Calming



2. Intersections

McKinley/Taft and McKinley/Taylor

- Option 1: Raised Intersection (aka speed table)



2. Intersections

McKinley/Taft and McKinley/Taylor

- Option 1: Raised Intersection (aka speed table)
- Option 2: Mini roundabout



2. Intersections

McKinley/Harding/Nixon

- Concerns about speeding for southbound traffic
- Dead space in center of the intersection



2. Intersections

McKinley/Harding/Nixon

- “T-ing up” the intersection
- Removing slip lane

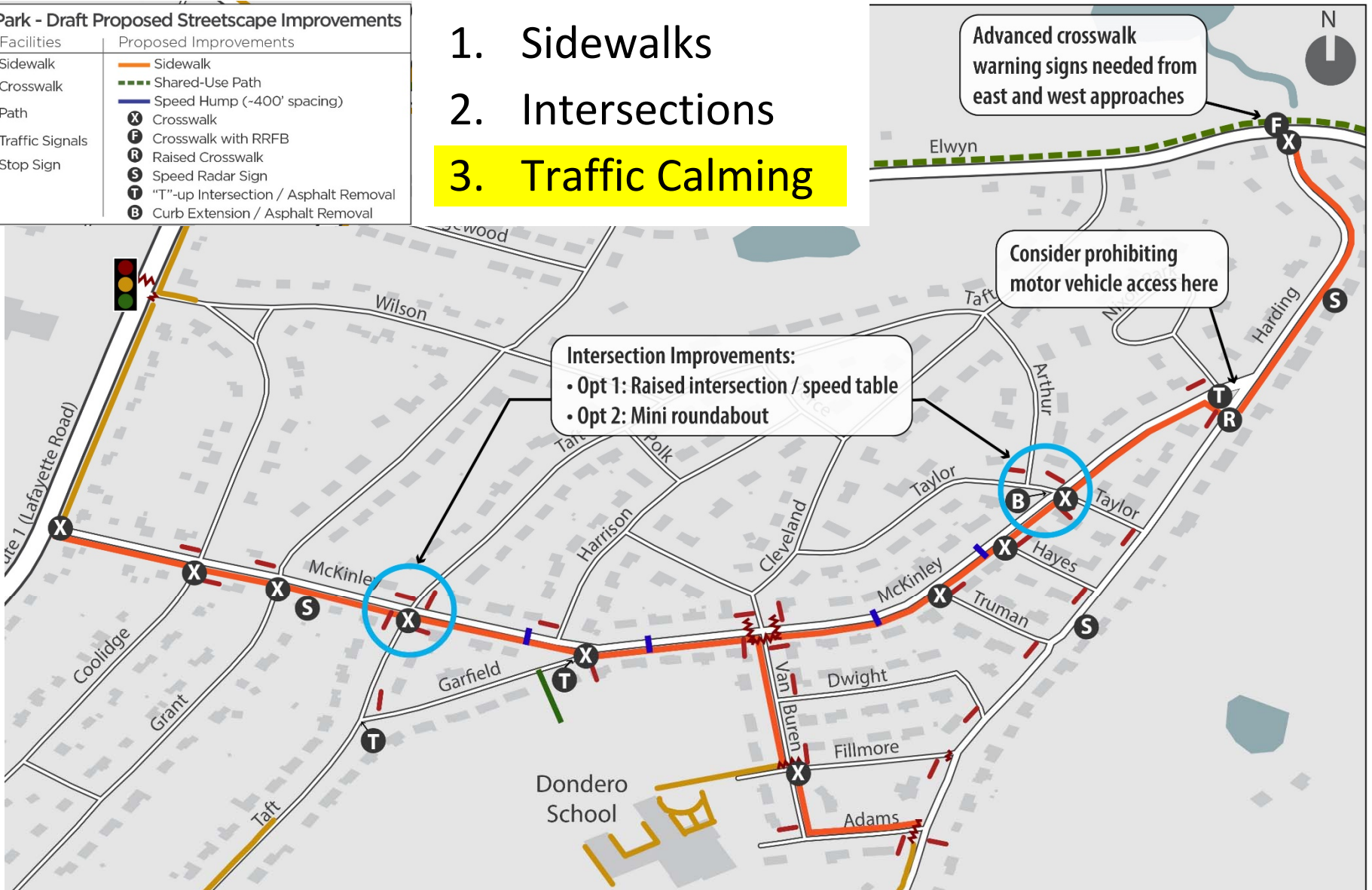




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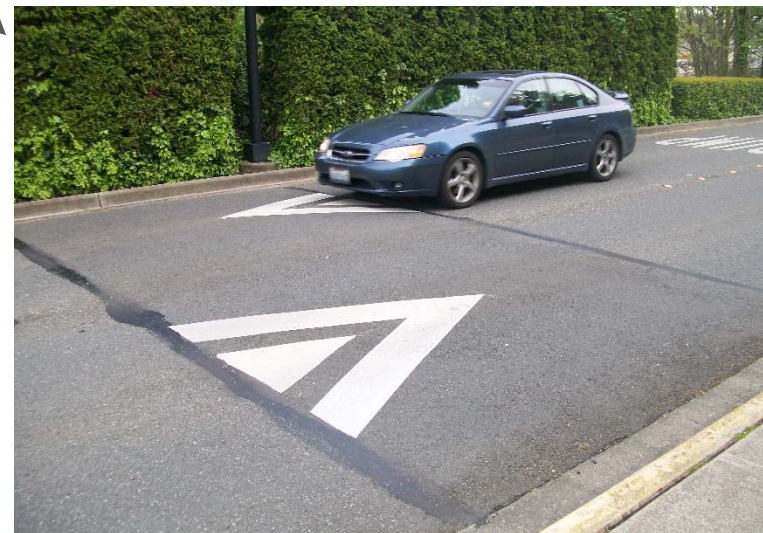
1. Sidewalks
2. Intersections
3. Traffic Calming



Traffic Calming

Additional Improvements:

- Raised Crosswalk
- Speed Humps (along McKinley)
- Pedestrian-activated Rapid Flashing Beacon
- Speed radar signs (displaying driver's speed)



Discussion Questions

- Any thoughts about the proposed sidewalk locations and design options?
- What do you think about proposed intersection improvements at:
 - Traffic calming at McKinley/Hoff and McKinley/Taylor?
 - Traffic at McKinley/Harding?
- Anything else missing in the current set of recommendations?

Discussion Questions

- Thoughts about the proposed sidewalk locations and design options?
- What do you think about proposed intersection improvements at:
 - Traffic calming at McKinley/Taft and McKinley/Taylor?
 - “T-ing up” McKinley/Harding?
- Anything else missing in the current set of recommendations?

Discussion Questions

- Thoughts about the proposed sidewalk locations and design options?
- What do you think about proposed intersection improvements at:
 - Traffic coming off McKinley/Delfrand and McKinley/Taylor?
 - Traffic off McKinley/Harding?
- Anything else missing in the current set of recommendations?

Next Steps

- Finalize Design & Engineering (including ongoing public input)
- Construction (in conjunction with neighborhood road and drainage improvements)

