

Route 88 Intersection Study

Public Forum #2- September 23, 2020

Johnson/Town Landing
Roads

Depot Road



Study Purpose

- Discuss current conditions and future of the
- Johnson/Town Landing Roads and
 - Depot Road intersections with Route 88.

Forum 2 Agenda



FORUM 1
FINDINGS



PUBLIC INPUT



NEXT STEPS

Project involves 2 intersections that have public safety issues



1



2

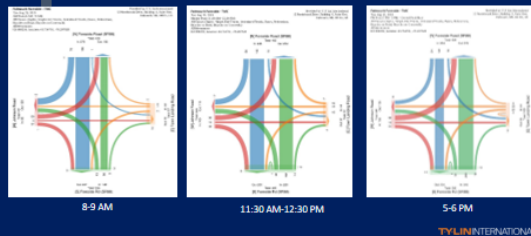


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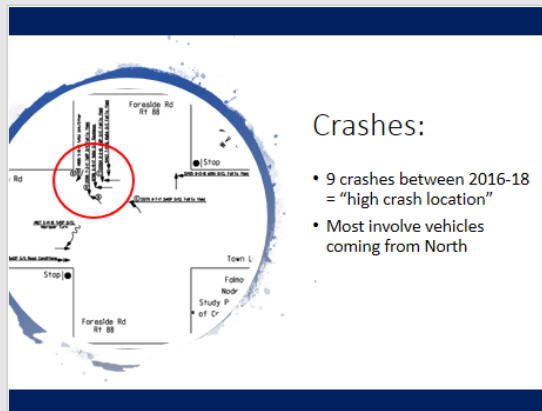


4

Where do people come from and go?



1

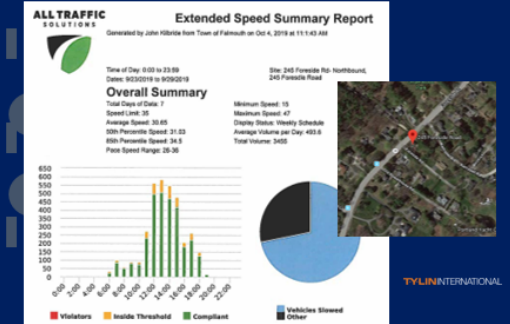


2

Crashes:

- 9 crashes between 2016-18 = "high crash location"
- Most involve vehicles coming from North

500 cars +/- per day in Northbound direction Speeds: 85% drive less than 35 mph



3

Forum 1 – 2 public input tasks

Public Input – Task 1

What needs to be **improved** at Johnson Road intersection? **What are your concerns?**
Do same for Depot Road intersection.

1. Introduce yourself in your group
2. Take turns listing concerns on big sheet
3. No need to agree on any suggestion – all concerns are valid
4. When done, each person gets 3 dots to place next to their top concerns
5. Bullet voting on single item is OK, or spread dots around
6. Tally how many "votes" each item got in your group

Public Input – Task 2

Rate each idea on **Menu of Possible Improvements** for Johnson Road intersection on scale of 1-5.
We'll do same for Depot Road intersection.

- 1 = I love this idea!
- 2 = I like this idea
- 3 = I don't know or have no opinion about it
- 4 = I do not like this idea
- 5 = I do not like this idea at all!



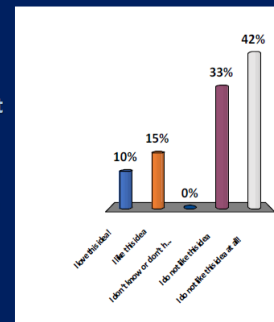
Add Traffic Light

- 1 = I love this idea!
- 2 = I like this idea
- 3 = I don't know or have no opinion about it
- 4 = I do not like this idea
- 5 = I do not like this idea at all!



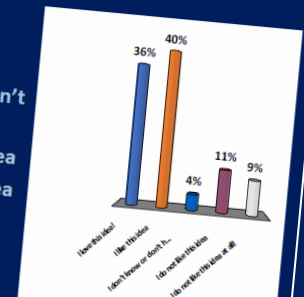
Add Traffic Light?

1. I love this idea!
2. I like this idea
3. I don't know or don't have an opinion
4. I do not like this idea
5. I do not like this idea at all!



Reduce Speed Limit to 25 mph?

1. I love this idea!
2. I like this idea
3. I don't know or don't have an opinion
4. I do not like this idea
5. I do not like this idea at all!



Johnson Rd

● PARKING TOP CLOSE TO MARKET CORNER

● CROSSWALK NOT ALIGNED TO MARKET & PARKING LOT

● TRAFFIC CALMING MEASURES

● PERPENDICULAR PARKING

● BICYCLING HAZARD

● NEED FOR OVERFLOW PARKING IN SUMMER

● KEEP PARKING SPOTS

Forum 1 Findings on Town website

Route 88 Intersection Study, 2019-2020

falmouthme.org/long-range-planning/economic-development/pages/route-88-intersection-study

FALMOUTH MAINE

ONLINE SERVICES I WANT TO ... GOVERNMENT RESIDENTS BUSINESSES FALMOUTH FOCUS SCHOOLS

Blackstrap Road Project, 2018-2019
Building Community - Edward La Salle's 1940 Illustrated Map Painting of Falmouth
Route 88 Intersection Study, 2019-2020
Wayfinding Signage Project, 2014-2019
West Falmouth Crossing Feasibility Study, 2019-2020

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See map: [Google Maps](#)

KEY CONTACTS

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Home » Departments » Long Range Planning/Economic Development

ROUTE 88 INTERSECTION STUDY, 2019-2020

February 3, 2020

DOCUMENTS FOLLOWING DECEMBER 11, 2019 FORUM

- Video of December 11, 2019 Forum Event
- Forum Presentation with key pad results, December 11, 2019
- Key pad result slides only
- E-mail comments through February 3, 2020

Johnson Road/Town Landing Road Intersection:

- Key pad results grouped and ranked by average score, Johnson Rd/Town Landing Road intersection
- Group discussion results with dots tabulated by group, Johnson Road/Town Landing Road
- Draft Themes from combined group dots, Johnson Road/Town Landing Road

Depot Road Intersection:

- Key pad results grouped and ranked by average score, Depot Road intersection
- Group discussion results with dots tabulated by group, Depot Road
- Draft Themes from combined group dots, Depot Road

271 Falmouth Road, Falmouth, ME 04105 (207) 781-5253

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Forum 1 – Group Work Findings

Johnson Road-Town Landing Road intersection - Themes

Theme	Concern	Dots	Total
Sightlines/visibility/Town Landing Market parking	Poor visibility overall, especially from Town Landing Market and turning north from Johnson Road	8	55
	Sight lines from Town Landing. Telephone poles in way. Cars in store parking lot	7	
	no visibility coming from town landing when any vehicles are parked in front of market	7	
	Parking at Market	7	
	Cars parked on Town landing Road are a hazard to those turning right into town landing Road from 88 and people parked on Town Landing can't see those turning onto Town Landing Road	7	
	town landing Market parking/visibility	4	
	Johnson road at Rt 88 is a dangerous intersection. The sight lines are bad at town landing activity compounds the problem.	3	
	Parking too close to Market corner	3	
	perpendicular parking bicycling hazard	3	
	Vans and pickups parked on Town Landing jut into the street	2	
Other sightlines	Exiting Town Landing Market parking	1	21
	Market inflow outflow - backing out onto Rt 88	0	
	Buses/delivery trucks/service blocking visibility	0	
	Visibility at intersection - Johnson turning left onto 88, curvature in the road and hedge	5	
	Sight line - shrubbery on west side of Rt 88 north of town landing Market	4	
	Inadequate sight lines	4	
	Can't see people about to cross	3	
	Sight lines	2	
	phone pole obstructs right turn from Town Landing Road onto Rt 88	2	
	sight line is estimated at 75 ft and 1 1/2 second too react	1	
Traffic Speed	Speed 25 mph from Ramsdell to White Rock	6	35
	Speeding on Johnson Road	6	
	Traffic calming	5	
	reduce speed limit on Rt 88 around Town landing Market. Traffic goes too fast	3	
	Speed	3	
	Speed tables	2	
	Lower speed limit in areas	2	
	Southbound on 88 is too fast - sight distance too short	2	
	Speed limit is too high from Depot Road to Cumberland line	2	
	Speed	1	
	Traffic calming measures	1	
	Take all traffic calming suggestions from 15 years ago that were supposed to be implemented and implement them	1	

Depot Road intersection - Themes

Theme	Concern	Dots	Total
Sidewalk	lack of sidewalks and crosswalks	9	19
	Lack of continuous sidewalk around corner	7	
	Sidewalk ends at awkward location with poor sight lines	2	
	Awkward end to sidewalk	1	
	Sidewalk - maintained by town	0	
Crosswalk	No sidewalk	0	12
	Crossing street between skillins and nursery is dangerous	6	
	return of crosswalk needed	2	
	lack of formal crosswalk	2	
	Realign crosswalk with old mill Road	1	
Sightlines	Crosswalk for Skillins two sides	1	16
	sightlines (especially turning left from depot to 88)	1	
	visibility (looking south from Depot)	0	
	limited visibility from depot road in both directions	6	
	landscaping reducing sight lines	5	
Traffic Speed	trim back lilacs	4	10
	Poor visibility turning left out of skillins	1	
	Sight lines	0	
	Speed	0	
	Speeding through the intersection	0	
Turn Lanes	Add traffic calming on Rt 88	6	5
	Sidewalks (additional) would result in higher traffic speed	2	
	Speed of traffic	1	
	people turning left onto depot road cut that corner sharps - visibility?	1	
	lack of traffic rule clarity - no turn lane	1	
Lighting	Dedicated right/left turn lanes	3	6
	turning right from 88 onto Depot people cut corner	1	
	Minimal lighting	1	
	no new lights	0	
	Integrity of Skillins/neighborhood feel	5	
Miscellaneous	driving in bike lane	1	6
	overgrowth of vegetation around stop sign	5	
	Roundabout	1	
		0	
		0	

Forum 1 – Key Pad Findings

		love + like %	I love this idea!	I like this idea	Don't know/no opinion	I do not like this idea	I do not like this idea at all!	Mean
#	Johnson Road/Town Landing Road	1 + 2	1	2	3	4	5	
23	Improve sight distance to north on Route 88	98%	69%	29%	2%	0%	0%	1.33
14	Add crosswalks on Johnson and Town Landing Roads	84%	43%	41%	9%	2%	4%	1.83
16	Add striped, signed bike lanes on Rt 88	81%	45%	36%	4%	9%	6%	1.96
13	Add second crosswalk on Rt 88, north of intersection	75%	44%	31%	15%	4%	6%	1.98
17	Add sidewalk on Town Landing Road	73%	42%	31%	13%	9%	4%	2.02
18	Add sidewalk on Rt 88, north of Johnson Road	73%	43%	30%	13%	6%	9%	2.09
4	Reduce Speed Limit to 25 mph	76%	36%	40%	4%	11%	9%	2.15
27	Create designated unloading space for Town Landing Market	64%	34%	30%	26%	2%	9%	2.21
26	Eliminate Town Landing Market parking, create more outdoor seating instead & reserve displaced store parking across street	66%	47%	19%	13%	6%	15%	2.23
12	Install push-button flashing beacon at crosswalk	61%	40%	21%	11%	15%	13%	2.38
19	Add additional streetlights at intersection	63%	30%	33%	20%	2%	15%	2.39
11	Add "pedestrian crossing" warning signs	65%	29%	36%	9%	18%	9%	2.42
(2.5 cut off)								
25	Create parallel parking at Town Landing Market + reserve 15-minute spaces across the street	49%	26%	23%	28%	13%	11%	2.6
15	Move existing crosswalk on Route 88 to intersection	49%	21%	28%	26%	14%	12%	2.67
9	Add 4-way stop signs	57%	33%	24%	2%	11%	30%	2.83
5	Install permanent radar speed sign	54%	9%	45%	15%	17%	15%	2.85
6	Increase Speed Enforcement	45%	11%	34%	23%	15%	17%	2.94
7	Install Speed Tables	34%	17%	17%	15%	32%	19%	3.19
22	Install median island(s) on Route 88 on approach of intersection	41%	15%	26%	9%	20%	30%	3.24
28	Install "Mini" Roundabout with plantings in center of intersection	38%	23%	15%	12%	15%	35%	3.25
3	Add Yellow Blinking Light	37%	9%	28%	4%	30%	30%	3.45
10	Add "Dangerous Intersection" Sign on Route 88 approaches	29%	5%	24%	19%	19%	33%	3.52
8	Add "Cross traffic does not stop" signs	26%	9%	17%	15%	26%	34%	3.6
24	Realign Johnson Road approach	19%	4%	15%	30%	19%	32%	3.6
29	Create painted image in center of intersection	28%	19%	9%	4%	11%	57%	3.79
2	Add Traffic Light	25%	10%	15%	0%	33%	42%	3.81
21	Narrow travel lanes on Rt 88 with flexible bollards in middle of the road on approach of intersection	10%	4%	6%	17%	21%	52%	4.1
20	Add "road narrows" signs near intersection, and narrow travel lanes by installing plastic bollards	6%	4%	2%	6%	30%	57%	4.34

Forum 1 – Johnson Road Findings

	love + like %
Johnson Road/Town Landing Road	1 + 2
Improve sight distance to north on Route 88	98%
Add crosswalks on Johnson and Town Landing Roads	84%
Add striped, signed bike lanes on Rt 88	81%
Add second crosswalk on Rt 88, north of intersection	75%
Add sidewalk on Town Landing Road	73%
Add sidewalk on Rt 88, north of Johnson Road	73%
Reduce Speed Limit to 25 mph	76%
Create designated unloading space for Town Landing Market	64%
Eliminate Town Landing Market parking, create more outdoor seating instead & reserve displaced store parking across street	66%
Install push-button flashing beacon at crosswalk	61%
Add additional streetlights at intersection	63%
Add "pedestrian crossing" warning signs	65%
Create parallel parking at Town Landing Market + reserve 15-minute spaces across the street	49%
Move existing crosswalk on Route 88 to intersection	49%
Add 4-way stop signs	57%
Install permanent radar speed sign	54%

Forum 1 – Depot Road Findings

	love + like %
Depot Road	1 + 2
Add crosswalk and sidewalk on Route 88 to Skillins	87%
Add striped, signed bike lanes on Rt 88	79%
Add crosswalk and "pedestrian crossing" warning signs	74%
Add additional streetlights at intersection	56%
Realign Depot Road to create 90-degree intersection	49%
Install push-button flashing beacon at crosswalk	50%
Install median island adjacent to intersection on Route 88	32%

2020 Update

- Staff team prepared potential “improvement packages” and scheduled Forum 2 for March
- Forum 2 was cancelled due to COVID-19
- Since then:
 - Budget cuts were made for FY 2020-21
 - Budget did not include capital budget for this project
 - Future funding will have to compete with other projects
- Focus now on preferred improvements. Then find funds to implement.

Suggested Improvement “Packages”

- Each improvement and each package builds on prior one(s)
- Priorities and timelines will be discussed by Town Council during budget development process
 - Short-term
 - Medium-term
 - Long-term
 - Longer-term

Route 88 Intersection Improvement Suggestions

Each improvement and each “package” below builds on prior one(s).

Note: Priorities and timelines will be discussed by Town Council during budget development process.

JOHNSON ROAD INTERSECTION

SHORT TERM

1. Improve sight distance to north on Route 88 (old utility pole, vegetation)
2. Install space for mobile “stealth” radar speed device
3. Apply for permission with MaineDOT for 25 mph speed limit from Cumberland Town line to Handy Boat Lane
4. Install “crosswalk ahead” signs north and south of the intersection

MEDIUM TERM

5. Install Rectangular Rapid Flashing Beacon at existing crosswalk
6. Modify and/or install additional street lighting at intersection

LONG TERM

7. Install sidewalk on west side of Route 88 from Johnson Road to Underwood Road
8. Install crosswalk across Johnson Road
9. Install new seasonal parking area with grass pavers at site of 260 Foreside Road (former Brown property) with 15 additional spaces to relieve seasonal parking in the neighborhood

LONGER TERM

10. Install sidewalk on Town Landing Road from Route 88 to Town Landing

DEPOT ROAD INTERSECTION

1. Do nothing – keep intersection “as is”

SHORT TERM

2. Improve sight distance to southwest on Route 88
3. Install space for mobile “stealth” radar speed device

MEDIUM TERM

4. Install sidewalk on Route 88 from Depot Road corner to Old Mill Road
5. Install crosswalk across Route 88 at Old Mill Road
6. Install “crosswalk ahead” signs north and south of new crosswalk
7. Install Rectangular Rapid Flashing Beacon at new crosswalk
8. Modify and/or install additional street lighting at Old Mill Road intersection

LONG TERM

9. Install sidewalk on Route 88 from Old Mill Road crosswalk to Mussel Cove Lane

INSTALL SIDEWALK ALONG ENTIRETY OF ROUTE 88

Public Input on the suggested “Packages”

Rate each of the Improvement Packages for Johnson Road intersection.
We'll do same for Depot Road intersection.

- Love it!
- Like it.
- Love or like parts of it, but not others.
- No opinion.
- Don't like it.
- Don't like it at all!

TEST Question: What is your favorite color?

1. Red
2. Orange
3. Yellow
4. Green
5. Blue
6. Purple
7. Some other color
8. All colors
9. I don't have a favorite color

Did you attend the December 11, 2019 Forum on this project?

1. Yes
2. No
3. Cannot remember

Johnson Road/Town Landing Road Intersection



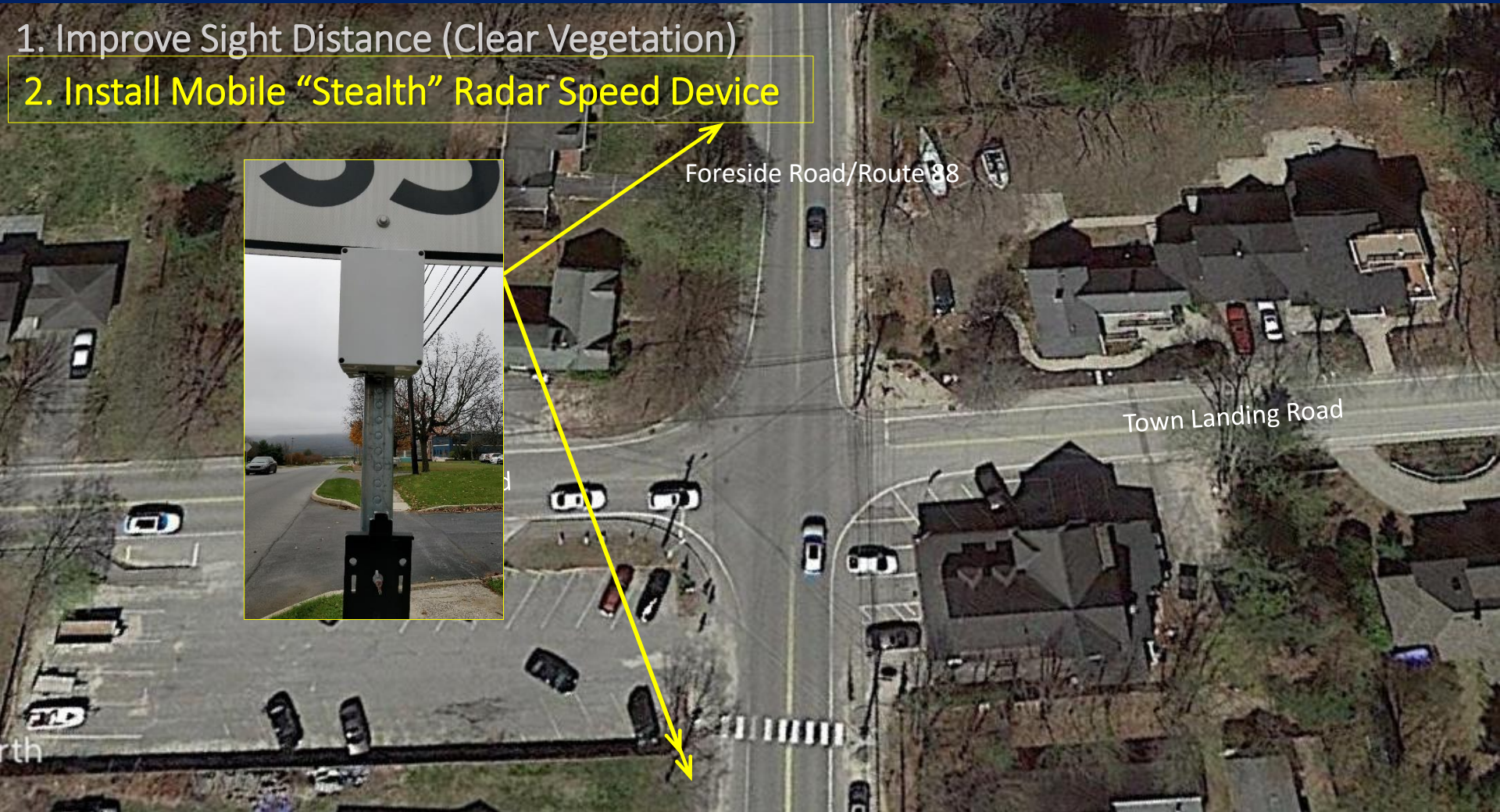
Short-Term Package

1. Improve Sight Distance (Clear Vegetation)



Short-Term Package

1. Improve Sight Distance (Clear Vegetation)
2. Install Mobile "Stealth" Radar Speed Device



Short-Term Package

1. Improve Sight Distance (Clear Vegetation)
2. Install Mobile Radar Speed Device
3. Apply for 25 mph speed limit from Cumberland Town line to Handy Boat Lane



Short-Term Package

1. Improve Sight Distance (Clear Vegetation)
2. Install Mobile Radar Speed Device
3. Apply for 25mph speed limit from Cumberland Town line to Handy Boat Lane
4. Install "Crosswalk Ahead" signs north and south of intersection



Overall Short-Term Package

1. Improve Sight Distance (Clear Vegetation)
2. Install Mobile “Stealth” Radar Speed Device
3. Apply for 25mph speed limit from Cumberland Town line to Handy Boat Lane
4. Install “Crosswalk Ahead” signs north and south of intersection

- Love it!
- Like it
- Love or like parts of it, but not others
- No opinion
- Don't like it
- Don't like it at all!

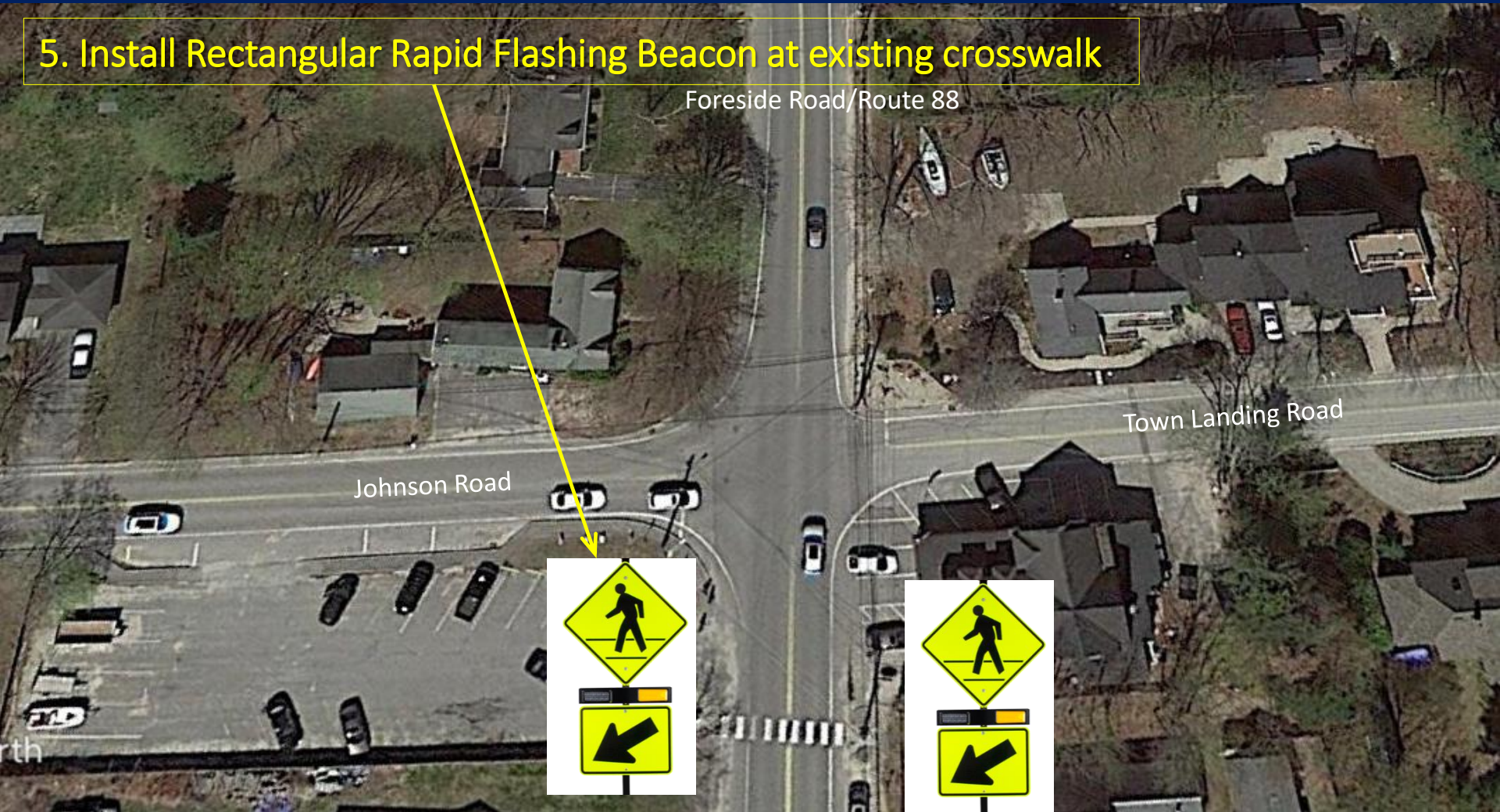


Are we giving you enough time to answer these questions?

1. Yes
2. Some yes, some no
3. No
4. No opinion/ I don't know

Medium-Term Package

5. Install Rectangular Rapid Flashing Beacon at existing crosswalk



Medium-Term Package

5. Install Rectangular Rapid Flashing Beacon at existing crosswalk

6. Modify/Install additional street lighting at intersection



Overall Medium-Term Package

5. Install Rectangular Rapid Flashing Beacon at existing crosswalk
6. Modify/Install additional street lighting at intersection

- Love it!
- Like it
- Love or like parts of it, but not others
- No opinion
- Don't like it
- Don't like it at all!



Long-Term Package

7. Install sidewalk on west side of Route 88 from Johnson Road to Underwood Road



Forside Road/Route 88

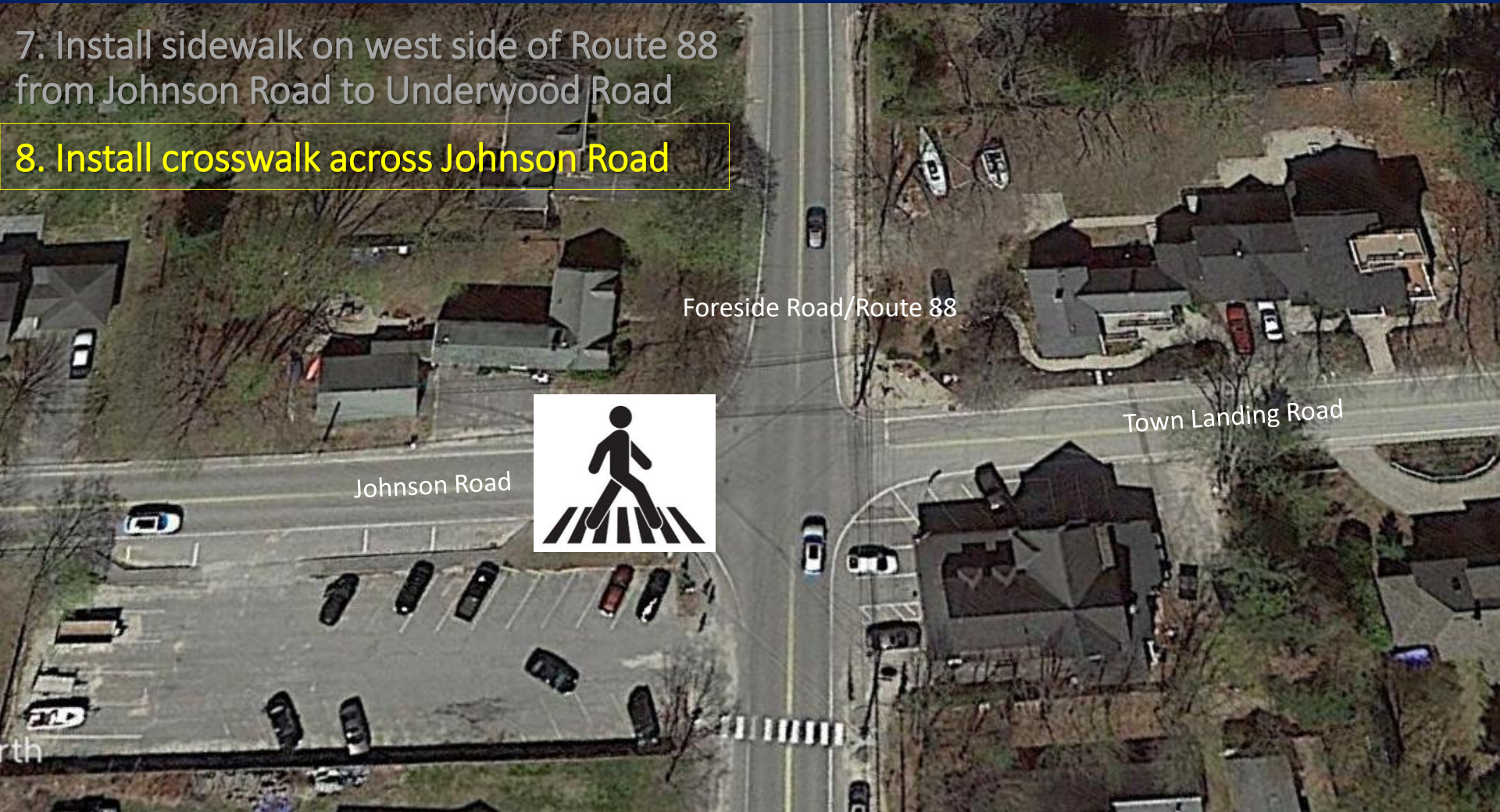
Johnson Road

Town Landing Road

Long-Term Package

7. Install sidewalk on west side of Route 88 from Johnson Road to Underwood Road

8. Install crosswalk across Johnson Road



Overall Long-Term Package

7. Install sidewalk on west side of Rte. 88 from Johnson Road to Underwood Road
8. Install crosswalk across Johnson Road

- Love it!
- Like it
- Love or like parts of it, but not others
- No opinion
- Don't like it
- Don't like it at all!



Longer-Term Package

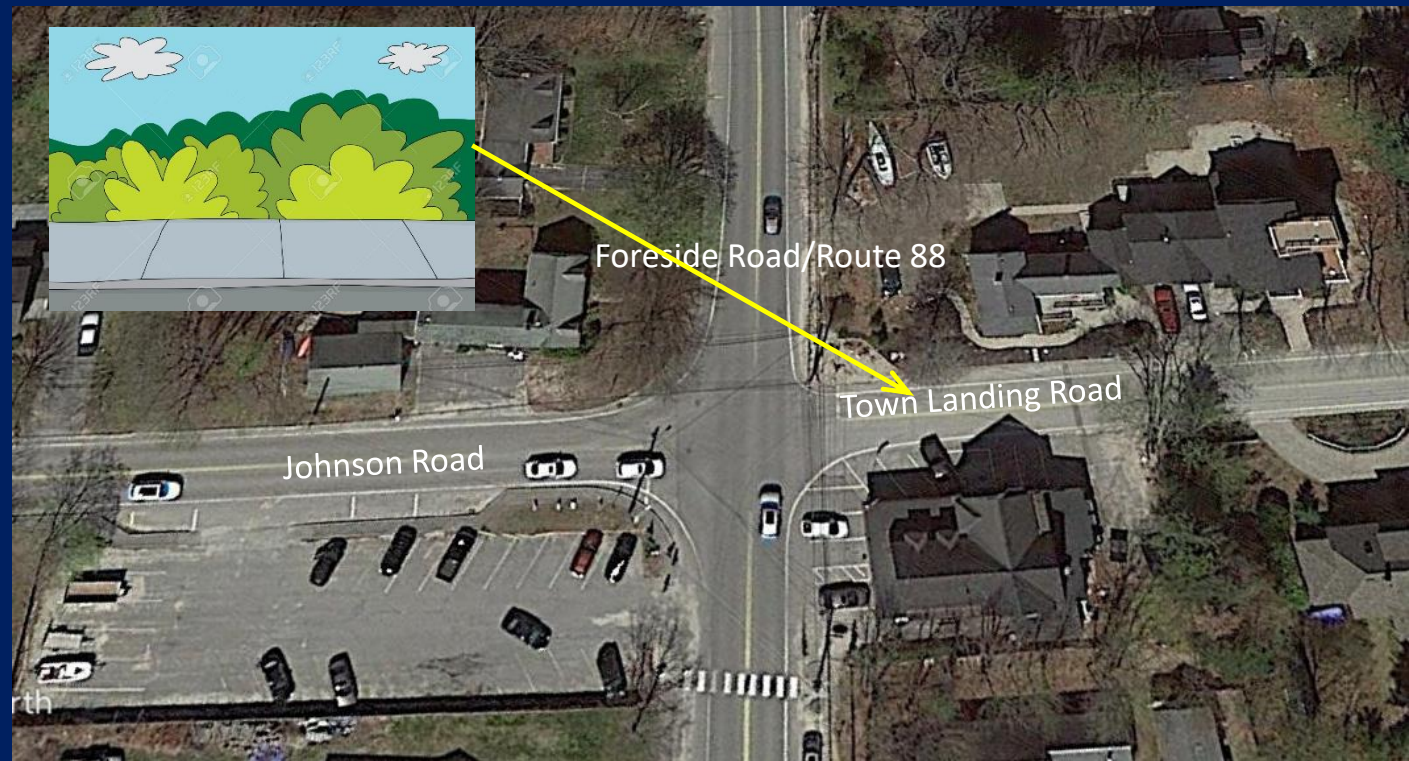
9. Install sidewalk on Town Landing Road from Route 88 to Town Landing



Longer-Term Package

9. Install sidewalk on Town Landing Road from Route 88 to Town Landing

- Love it!
- Like it
- No opinion
- Don't like it
- Don't like it at all!



Are we giving you enough time to answer these questions?

1. Yes
2. Some yes, some no
3. No
4. No opinion/ I don't know

Depot Road Intersection



“Do nothing” Option

1. Keep intersection “as is”

- Love it!
- Like it
- No opinion
- Don't like it
- Don't like it at all!

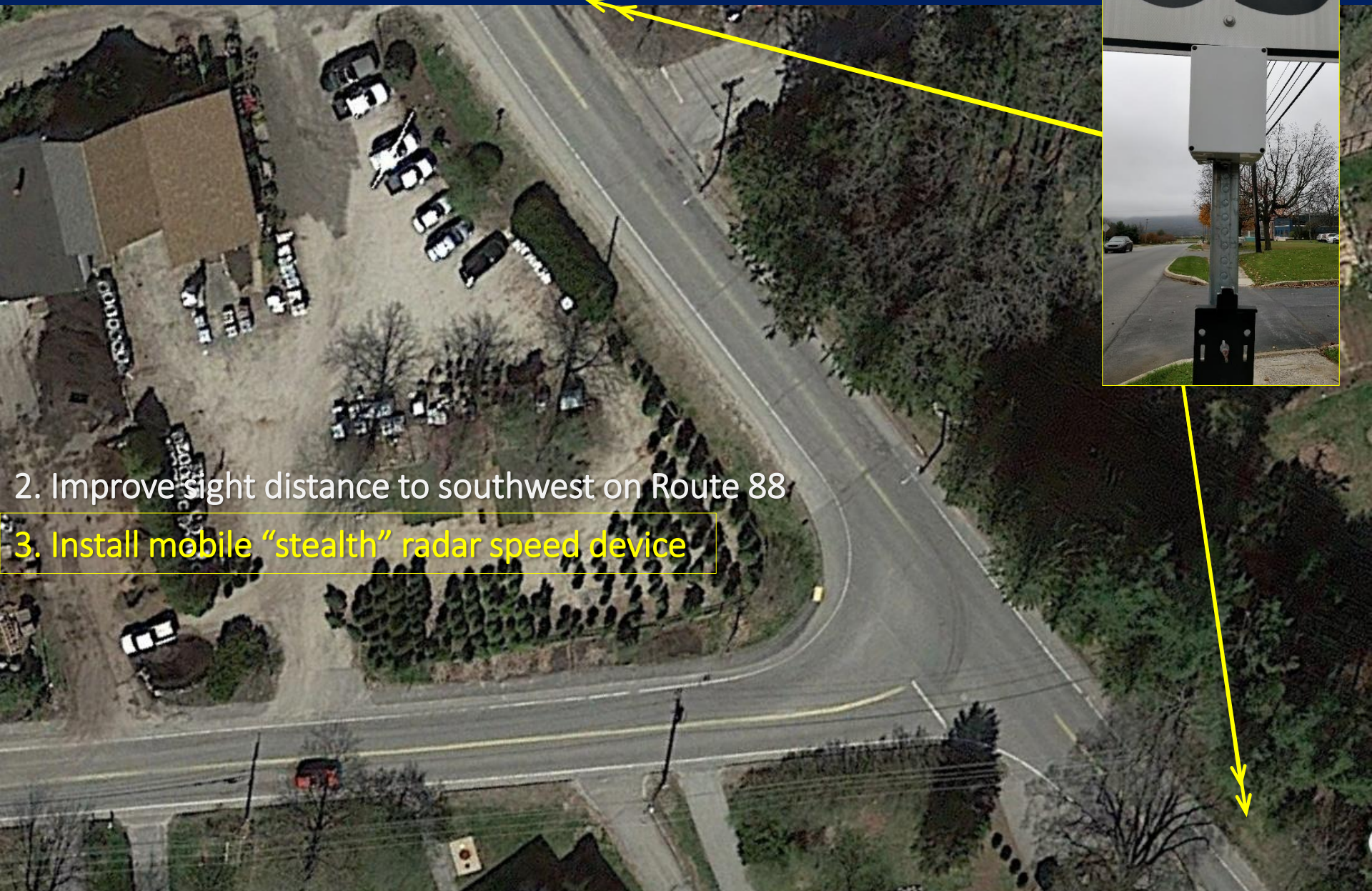


Short-Term Package



2. Improve sight distance to southwest on Route 88

Short-Term Package

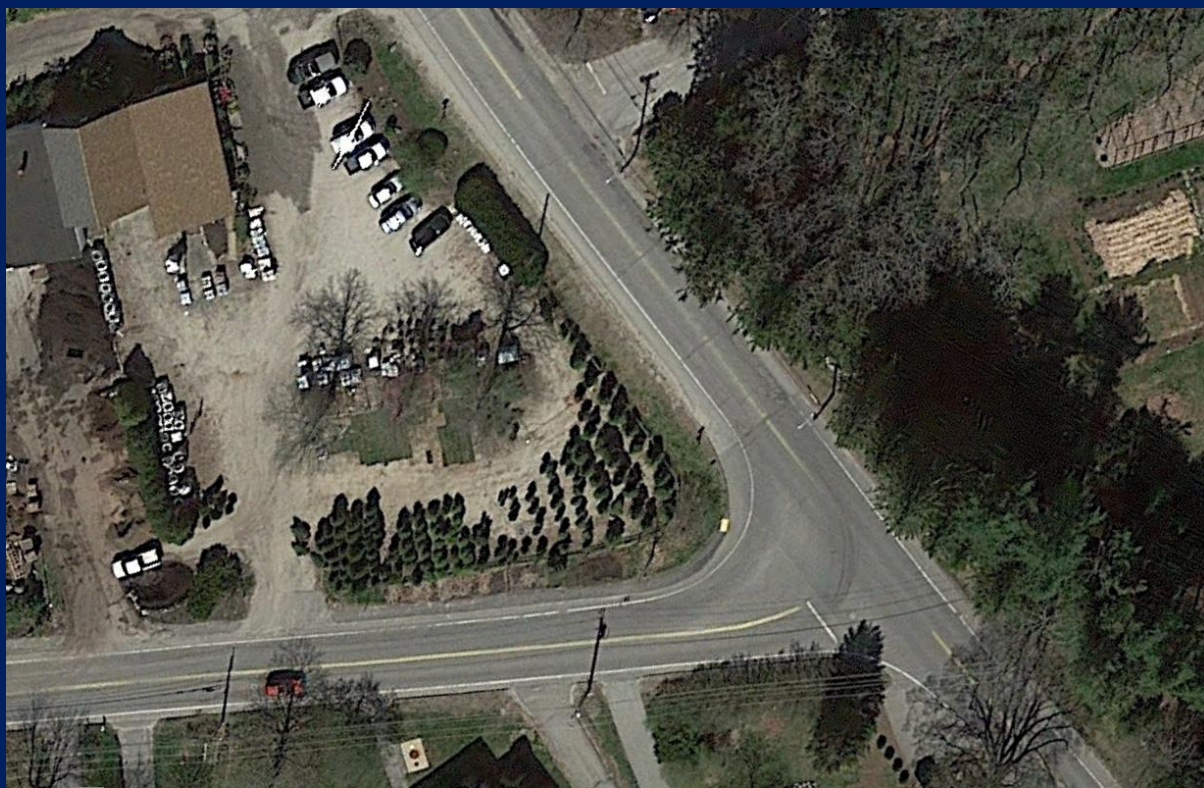


2. Improve sight distance to southwest on Route 88
3. Install mobile "stealth" radar speed device

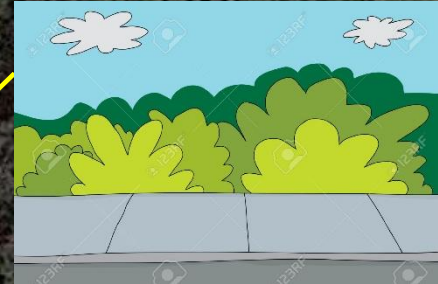
Overall Short-Term Package

2. Improve sight distance to southwest on Route 88
3. Install mobile “stealth” radar speed device

- Love it!
- Like it
- Love or like parts of it, but not others
- No opinion
- Don't like it
- Don't like it at all!



Medium-Term Package



4. Install sidewalk on Route 88 from Depot Road corner to Old Mill Road

Medium-Term Package



- 4. Install sidewalk on Route 88 from Depot Road corner to Old Mill Road
- 5. Install crosswalk across Route 88 at Old Mill Road

Medium-Term Package



- 4. Install sidewalk on Rte. 88 from Depot Road corner to new Old Mill Road
- 5. Install crosswalk across Route 88 at Old Mill Road
- 6. Install “crosswalk ahead” signs north and south of new crosswalk

Medium-Term Package

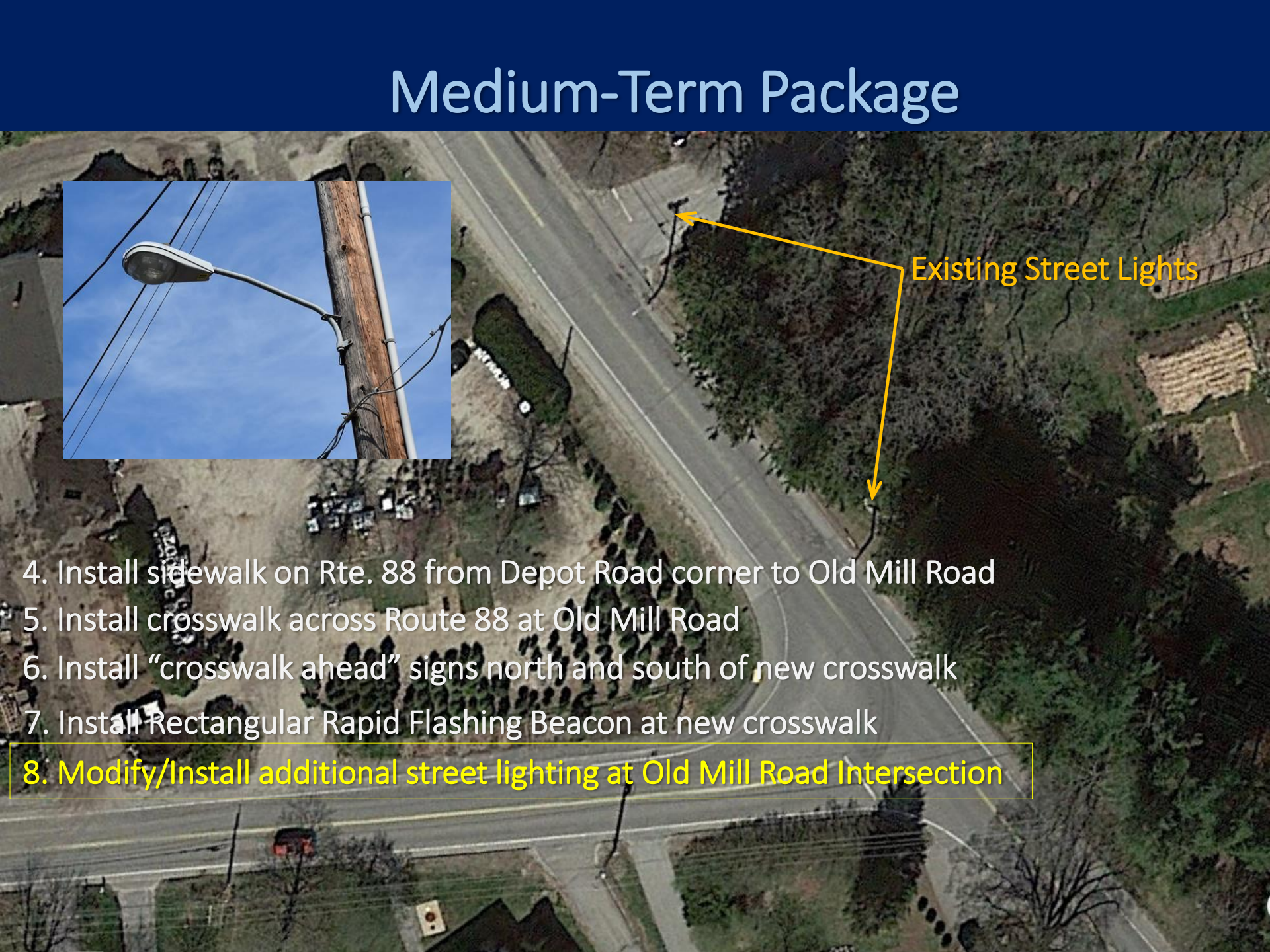


4. Install sidewalk on Rte. 88 from Depot Road corner to Old Mill Road
5. Install crosswalk across Route 88 at Old Mill Road
6. Install “crosswalk ahead” signs north and south of new crosswalk
7. Install Rectangular Rapid Flashing Beacon at new crosswalk

Medium-Term Package



Existing Street Lights

- 
- An aerial photograph of a road intersection. A yellow line with two arrows points from the text 'Existing Street Lights' to two specific locations on the road, indicating where existing street lights are located. The surrounding area includes trees, grass, and some buildings.
4. Install sidewalk on Rte. 88 from Depot Road corner to Old Mill Road
 5. Install crosswalk across Route 88 at Old Mill Road
 6. Install "crosswalk ahead" signs north and south of new crosswalk
 7. Install Rectangular Rapid Flashing Beacon at new crosswalk
 8. Modify/Install additional street lighting at Old Mill Road Intersection

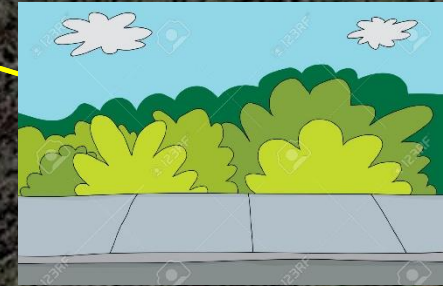
Overall Medium-Term Package

4. Install sidewalk on Rte. 88 from Depot Road corner to Old Mill Road
5. Install crosswalk across Route 88 at Old Mill Road
6. Install “crosswalk ahead” signs north and south of new crosswalk
7. Install Rectangular Rapid Flashing Beacon at new crosswalk
8. Modify/Install additional street lighting at Old Mill Road Intersection

- Love it!
- Like it
- Love or like parts of it, but not others
- No opinion
- Don't like it
- Don't like it at all!



Long-Term Package

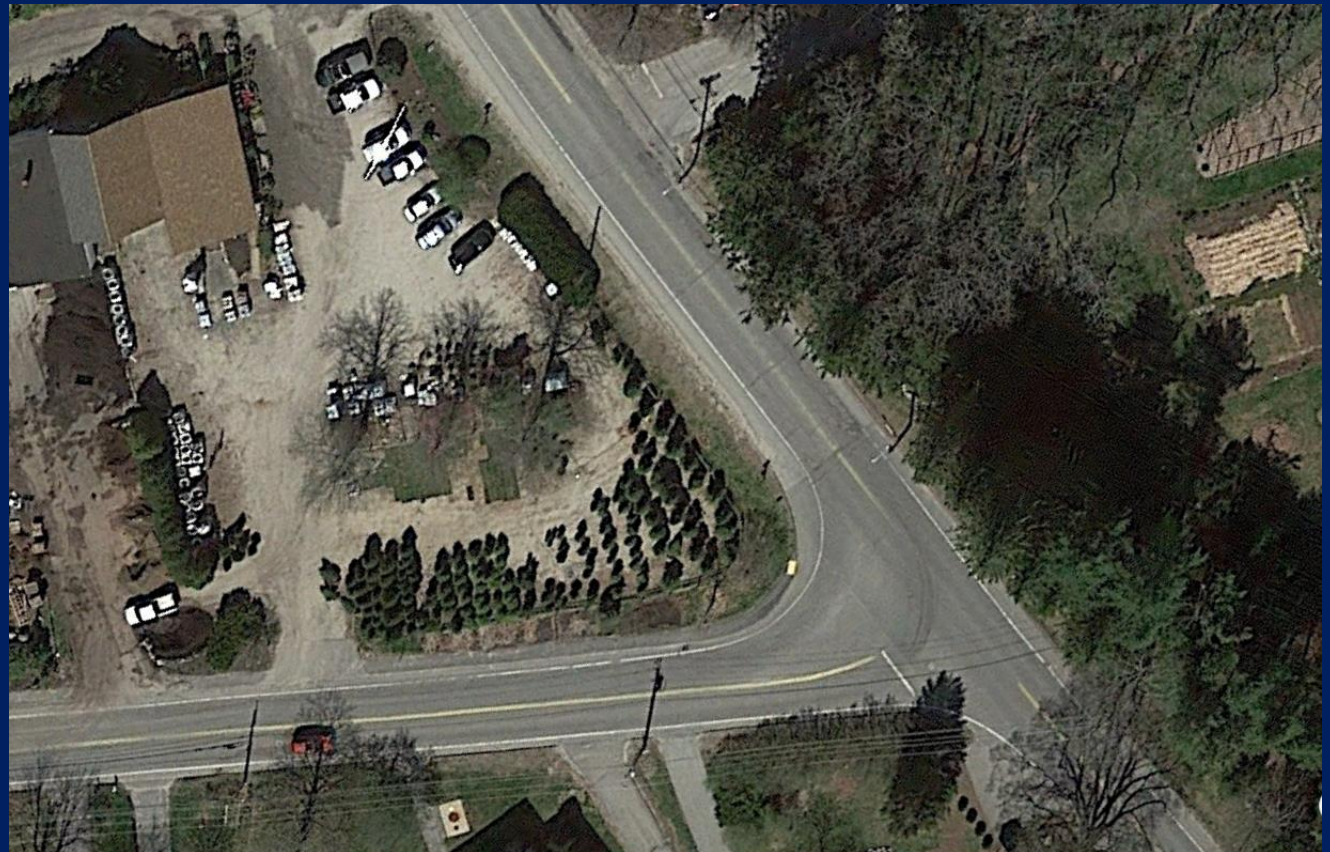


9. Install sidewalk on Rte. 88 from Old Mill Road crosswalk to Mussel Cove Lane

Long-Term Package

9. Install sidewalk on Rte. 88 from Old Mill Road crosswalk to Mussel Cove Lane

- Love it!
- Like it
- No opinion
- Don't like it
- Don't like it at all!



Install Sidewalk Along Entirety of Route 88 (Route 1 to Cumberland Town Line)



Install Sidewalk Along Entirety of Route 88 (Route 1 to Cumberland Town Line)

- Love it!
- Like it
- No opinion
- Don't like it
- Don't like it at all!



If we can't install a sidewalk along the entirety of Route 88, which of these three sections should be the FIRST priority?

- Cumberland Town Line to Johnson Road
- Johnson Road to Depot Road
- Depot Road to Route 1
- I don't have a preference.
- I am not interested in a sidewalk on Route 88.

If we can't install a sidewalk along the entirety of Route 88, which of these three sections should be the SECOND priority?

- Cumberland Town Line to Johnson Road
- Johnson Road to Depot Road
- Depot Road to Route 1
- I don't have a preference.
- I am not interested in a sidewalk on Route 88.



Where do you live?

1. Poplar Ridge or Highland Lake area
2. Brookside or Leighton Hill
3. Hurricane Valley
4. Falmouth Center
5. Woodville
6. Falmouth Corners
7. Pleasant Hill
8. Falmouth Foreside
9. I do not live in Falmouth

How long have you lived in Falmouth?

- Less than 1 year
- 1 to 2 years
- 3 to 5 years
- 6 to 10 years
- 11 to 20 years
- 20+ years
- I don't live in Falmouth.

In what age category do you fall?

- 1-20 years old
- 21-30 years old
- 31-40 years old
- 41-50 years old
- 51-60 years old
- 61-70 years old
- 71-80 years old
- 81+ years old

What best describes your interest in the Route 88 Intersections Study?

- I live on Route 88.
- I live near Route 88.
- I drive regularly on Route 88.
- I walk/run/bike on Route 88.
- I work or own a business on/near Route 88.
- I utilize Town Landing and/or the parking lots on Route 88.
- I am interested in this topic generally.
- Other.

How did you FIRST hear about tonight's forum?

- Town website
- Social Media (Facebook, Twitter)
- Community Cable TV
- Town Newsletter "Falmouth Focus"
- Email
- Newspaper
- Word of mouth
- Don't remember

How did you like participating in the Zoom polling tonight?

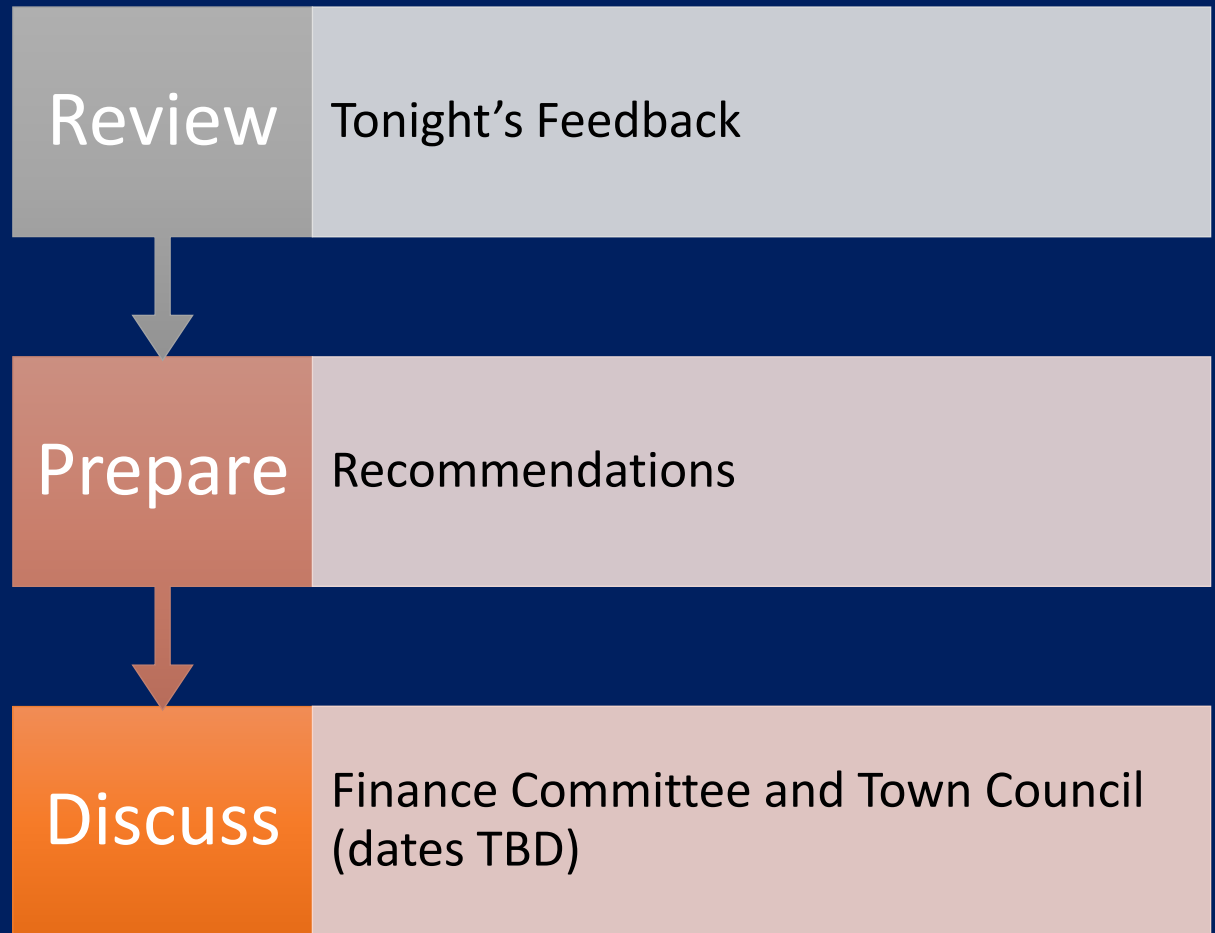
- I liked it a lot.
- I liked it.
- I don't know or have an opinion.
- I did not like it.
- I did not like it at all.

How has the Route 88 process been to date?

1. I am very satisfied.
2. I am satisfied.
3. I don't know or have an opinion.
4. I am unsatisfied.
5. I am very unsatisfied.



What are
the Next
Steps?





Do you have comments or questions?

- We want to hear them!

Thank you for your participation!

Please contact Maggie Fleming at mfleming@falmouthme.org or 699-5329 with additional questions or comments.