



# Commonwealth Avenue Complete Streets Project

Presented by:

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West Concord Advisory Committee

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# Project Area

Commonwealth Avenue from Laws Brook Road to Church Street





# Project Background

- ❑ The Town of Concord adopted the Complete Streets Policy on July 30, 2018 to enhance multimodal transportation planning
- ❑ In 2019 Concord Public Works developed a Prioritization Plan for Complete Streets Projects
- ❑ In February 2020 the Town received and signed an agreement for Tier 3 Complete Streets Construction Funding for this project and two others in Town from the Massachusetts Department of Transportation (MassDOT)
- ❑ Due to Covid-19 delays the Town applied for and received an extension of the agreement with MassDOT to complete the project by 9/30/2020
- ❑ In January 2021 the Town executed a contract with The Engineering Corporation (TEC) to perform design services for this project
- ❑ In April 2021 TEC prepared conceptual plans for the project with the Engineering Division's input



# Project Objectives

- Improve Multimodal Transportation in West Concord
- Make ADA compliant sidewalks along Commonwealth Avenue
- Improve Pedestrian Safety by installing higher curbing, bump-outs at crosswalks for visibility, and improving crosswalks
- Improve delineation of Commonwealth Avenue
- Improved accommodations for bicycles
- Apply traffic calming measures with pavement markings





# Design Plan





# Timeline

## Project Schedule

- Summer 2021 - Complete Design
- Late Summer/Early Fall 2021 - Advertise the project for construction bidding
- More specific construction schedule will be developed when a contractor is hired
- Fall 2021 - Utility installation and Sidewalk Construction
  - Install Drainage structures and lines
  - Sidewalk and Curbing Construction
  - Temporary asphalt patching
- Spring/Summer 2022 – Complete Sidewalk Construction
  - Finish Curbing installation
  - Finish Sidewalk Construction
  - Mill and Overlay section of Commonwealth Ave
  - Pavement Markings (Centerlines, Parking Stalls, Crosswalk, Stop Bars, “Share the Road” Stencils, Railroad Crossing Stencils, etc.
- Project Completion before 9/30/2022



# Cost

## Preliminary Estimate

Item	Quantity	Units	Unit Price	Total
Mobilization / General Conditions	1	LS	\$ 5,700	\$ 5,700
HMA Driveway Reconstruction	50	SY	\$ 80	\$ 4,000
New Granite Curb	400	FT	\$ 60	\$ 24,000
R&R Granite Curb	625	FT	\$ 35	\$ 21,875
New Cem Conc Sidewalk	775	SY	\$ 105	\$ 81,375
Loam & Seed	350	SY	\$ 10	\$ 3,500
New ADA Ramps	10	EA	\$ 1,900	\$ 19,000
Drainage Modifications	1	LS	\$ 30,000	\$ 30,000
Traffic Signing & Markings	1	LS	\$ 8,000	\$ 8,000
Subtotal				\$ 197,450
10% Traffic Management				\$ 19,745
Subtotal - Construction Items				\$ 217,195
Contingencies				
10% Construction				\$ 21,720
10% Police Detail				\$ 21,720
Contingencies Subtotal				\$ 43,439
Total				\$ 260,634
Say				\$ 275,000

## Current Funding

- Complete Streets Funding - \$109,972
- Brookside Development Escrow to Town - \$100,000±
- CPW Capital Account(s) - \$65,000±



# Questions

## Contact Information:

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