

### **Shore Drive at Holden Street and Drummond Avenue Intersection Improvement Project**

The proposed improvements consist of realigning Shore Drive with Drummond Avenue at Holden Street and installing a new traffic signal on Holden Street. The existing stop controlled offset roadways of Shore Drive and Drummond Avenue will be replaced with a new four-way signal-controlled intersection. Intersection approaches will be widened to provide shoulders, sidewalks, and dedicated turn lanes. New sidewalks are proposed along both sides of Shore Drive and Holden Street. This project will significantly reduce vehicle delays and queues at the intersection. The new traffic signal will also increase safety for motorists and pedestrians.

The traffic signal will include mast arms with ornamental bases, traffic signal heads, video detection, emergency vehicle preemption, pedestrian push buttons and signage, pedestrian signal heads, and Accessible Pedestrian Signals (APS). Roadway modifications will include the realignment of Shore Drive and minor roadway widening to accommodate 5-foot wide shoulders through the intersection and repaving approximately 1,500 feet of roadway. The project also includes the reconstruction of existing sidewalks, wheelchair ramps, new drainage structures, replacement of a section of water pipe, relocation of private utilities, signage and pavement markings. Bicycle accommodations consisting of usable shoulders will be provided in accordance with MassDOT's Healthy Transportation Policy.

Due to private property impacts as a result of the realignment of Shore Drive, the Unitarian Universalist Church of Worcester parking lot will be reconstructed on the north side of Shore Drive. Parking lot drainage will be collected in a new bioretention basin. The existing drainage system in the roadway will be modified to accommodate the new roadway alignment and will be treated with a new in-line water quality structure.

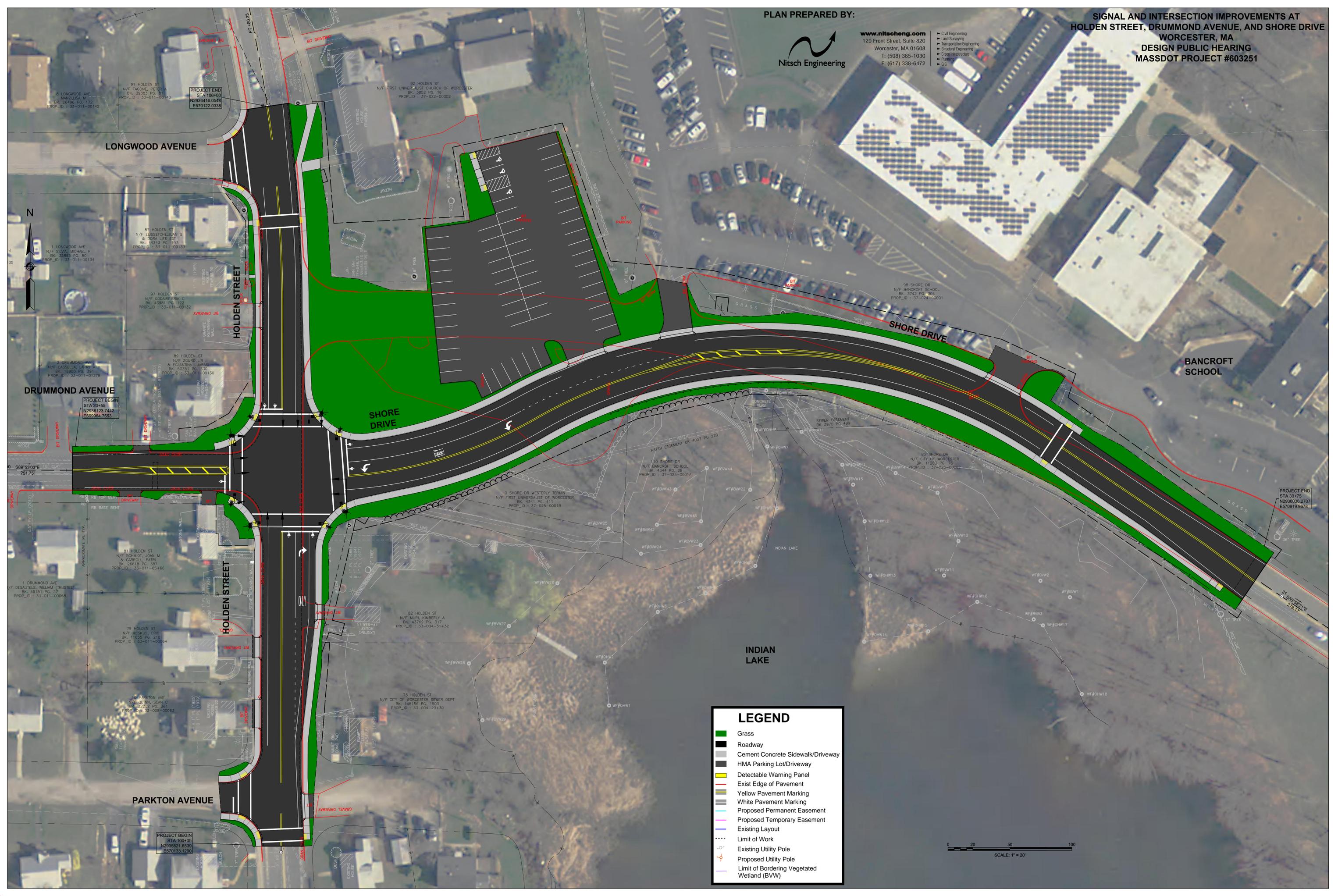
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- Transportation Engineering
- Structural Engineering
- Green Infrastructure
- Planning
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**SIGNAL AND INTERSECTION IMPROVEMENTS AT  
HOLDEN STREET, DRUMMOND AVENUE, AND SHORE DRIVE  
WORCESTER, MA  
DESIGN PUBLIC HEARING  
MASSDOT PROJECT #603251**



LONGWOOD AVENUE

DRUMMOND AVENUE

PARKTON AVENUE

HOLDEN STREET

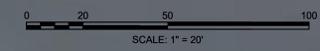
SHORE DRIVE

SHORE DRIVE

BANCROFT SCHOOL

INDIAN LAKE

- LEGEND**
- Grass
  - Roadway
  - Cement Concrete Sidewalk/Driveway
  - HMA Parking Lot/Driveway
  - Detectable Warning Panel
  - Exist Edge of Pavement
  - Yellow Pavement Marking
  - White Pavement Marking
  - Proposed Permanent Easement
  - Proposed Temporary Easement
  - Existing Layout
  - Limit of Work
  - Existing Utility Pole
  - Proposed Utility Pole
  - Limit of Bordering Vegetated Wetland (BVW)



PROJECT END  
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