

The background is a detailed landscape architectural plan for the Lowell Street/Route 133 corridor study. The plan shows a street layout with various features and labels. Key elements include:

- Streets:** Haverhill Street, Lowell Street, North Main Street, and Bartlett Street.
- Landmarks:** Shawsheen Garage, The Old Post Office Building, Hussey's Pond, Athletic Field, and Wood Memorial Park.
- Greenery:** Numerous trees of various sizes and types, including 'Existing Tree (Typical)', 'Proposed Shade Tree (Typical)', and 'New Ornamental Fence Along River (Typical)'. There are also 'Tree Edges' and 'Paved Edges'.
- Infrastructure:** Sidewalks, brick-lined walks, paver walkways with ornamental light poles, and various parkways.
- Other Features:** Furnishings like benches, bike racks, and planters; a relocated egress; a relocated fence; and a layout for Wood Memorial Park reflecting ongoing plans.

PUBLIC MEETING

LOWELL STREET/ROUTE 133 CORRIDOR STUDY

THURSDAY, OCTOBER 11, 2012

7PM - 3RD FLOOR CONFERENCE ROOM

TOWN OFFICE BUILDING, BARTLETT STREET

Town of Andover

Commonwealth of Massachusetts

Design Consultants, Inc.

Commonwealth of Massachusetts

- Deval Patrick Governor
- Timothy Murray Lt. Governor



Town of Andover

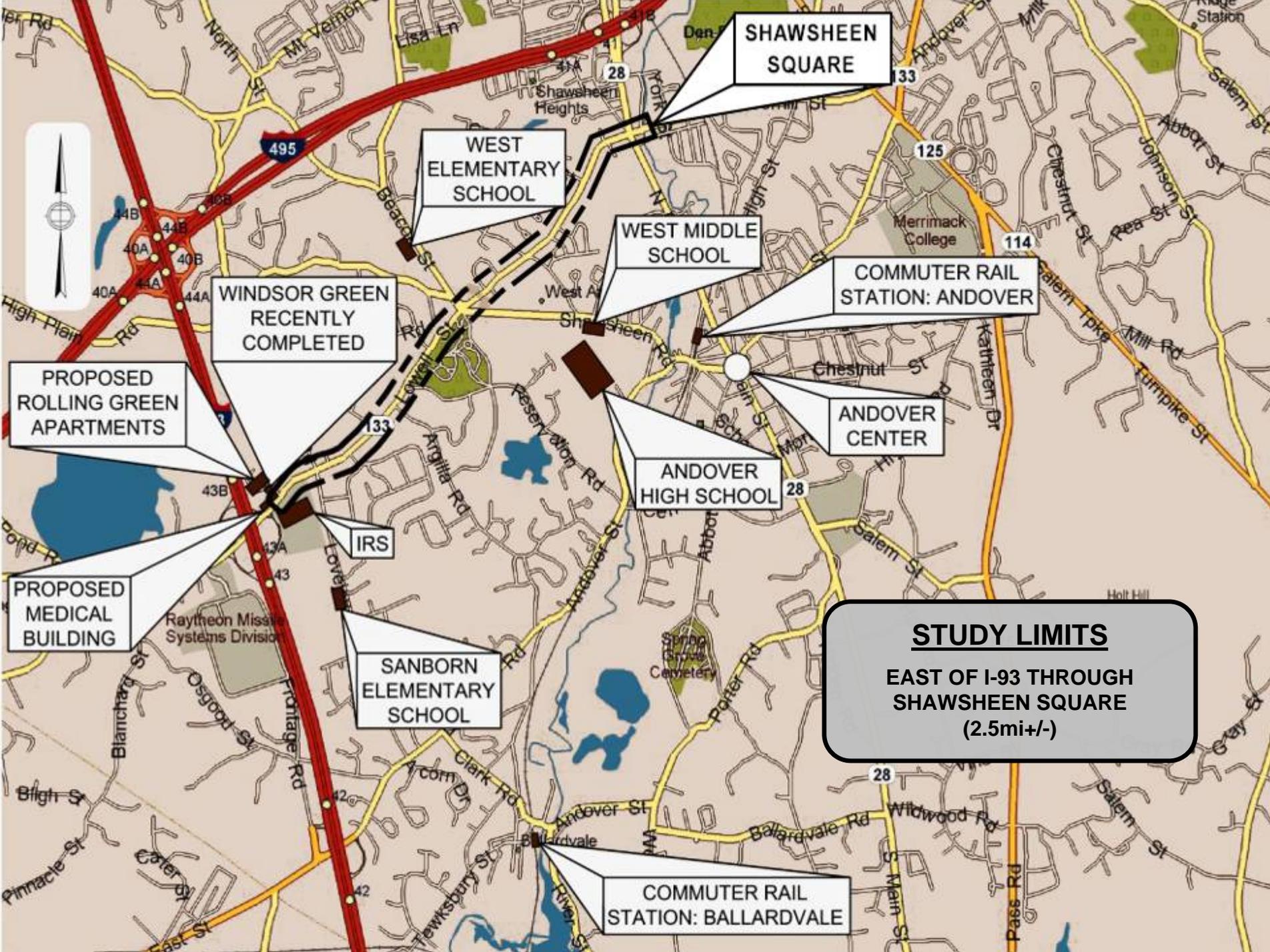
- Paul J. Salafia, Chairman Board of Selectmen
- Reginald S. Stapczynski Town Manager
- Paul Materazzo Director of Planning
- Chris Cronin DPW Director
- Brian Moore Town Engineer



Design Consultants, Inc. (DCI)

- David Giangrande, P.E. President





SHAWSHEEN SQUARE

WEST ELEMENTARY SCHOOL

WEST MIDDLE SCHOOL

COMMUTER RAIL STATION: ANDOVER

WINDSOR GREEN RECENTLY COMPLETED

ANDOVER CENTER

PROPOSED ROLLING GREEN APARTMENTS

ANDOVER HIGH SCHOOL

PROPOSED MEDICAL BUILDING

IRS

SANBORN ELEMENTARY SCHOOL

STUDY LIMITS
EAST OF I-93 THROUGH SHAWSHEEN SQUARE
(2.5mi+/-)

COMMUTER RAIL STATION: BALLARDAVALE

Why?

Accident Data

- Intersection of Lowell St & Lovejoy Road is one of the five most accident-prone intersections in Andover

(Andover Police Lt. John Pathiakis - Andover Patch, March 31, 2011)

- 23 Accidents between 2004 -2007

(MVPC "Priority Growth Strategy," 2009)

- Average crash rate nearly double the state average for an arterial roadway



Intersection Geometrics

Why?

Roadway Deficiencies



Poor Pavement Conditions



Narrow Shoulders



Antiquated Traffic Signals



Inadequate Drainage

Why?

Accessibility



Accessible Routes



Sidewalk Conditions

Why?

Access Control/Curb Cuts



Insufficient Curb Reveal to Protect Pedestrians



Excessive Curb Cut Widths

**INTERSECTION OF LOWELL &
GREENWOOD/LOVEJOY RD**

MAINTAIN EXISTING STRIPING

LOWELL ST

INSTALL PEDESTRIAN SIGNALS
(COUNTDOWN)

GREENWOOD RD

WIDEN AND RE-STRIPING WB
APPROACH TO PROVIDE LEFT
TURN LANE

Route 133

REPLACE EXISTING ANTIQUATED SIGNAL

PROPOSED 4' BIKE LANE

PROVIDE ACCESSIBLE WHEELCHAIR
RAMPS & PEDESTRIAN CROSSWALKS

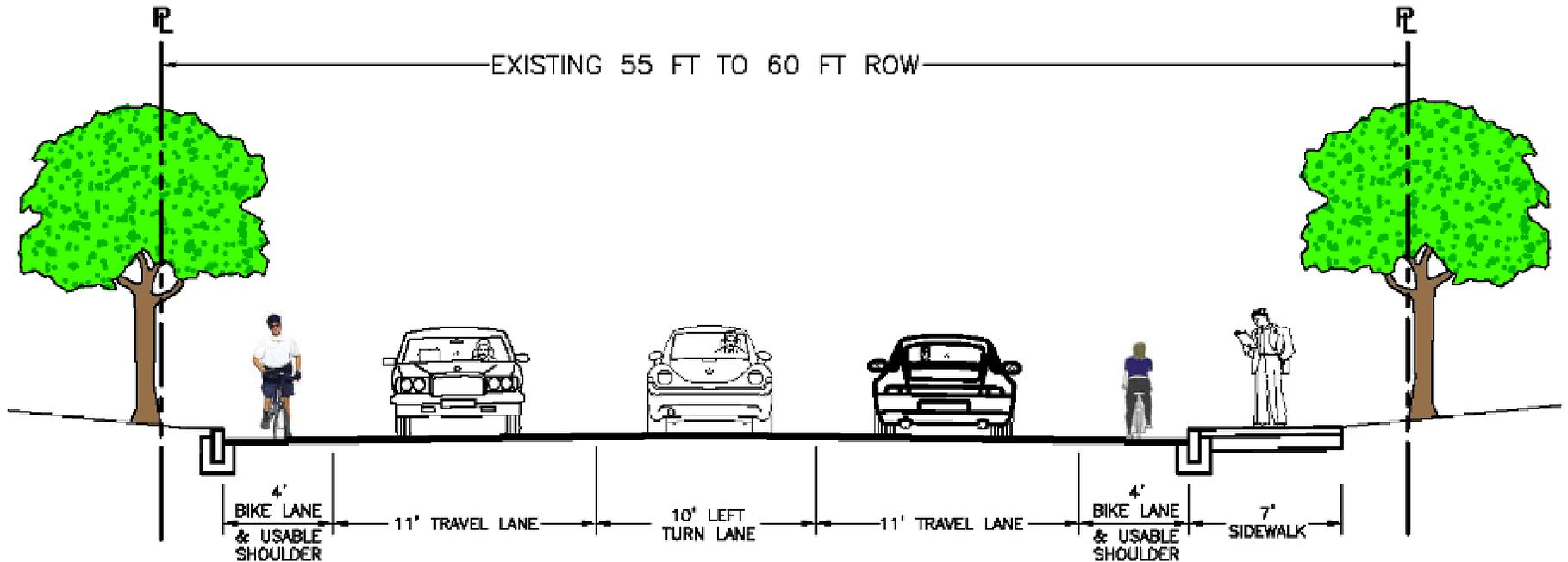
PROVIDE LEFT TURN LANE

LOVEJOY RD

- 2 ADDITIONAL LEFT TURN LANES
- NEW PEDESTRIAN CROSSING
- NEW SIDEWALK
- NEW BIKE LANE
- NEW VEHICLE/PEDESTRIAN SIGNALS

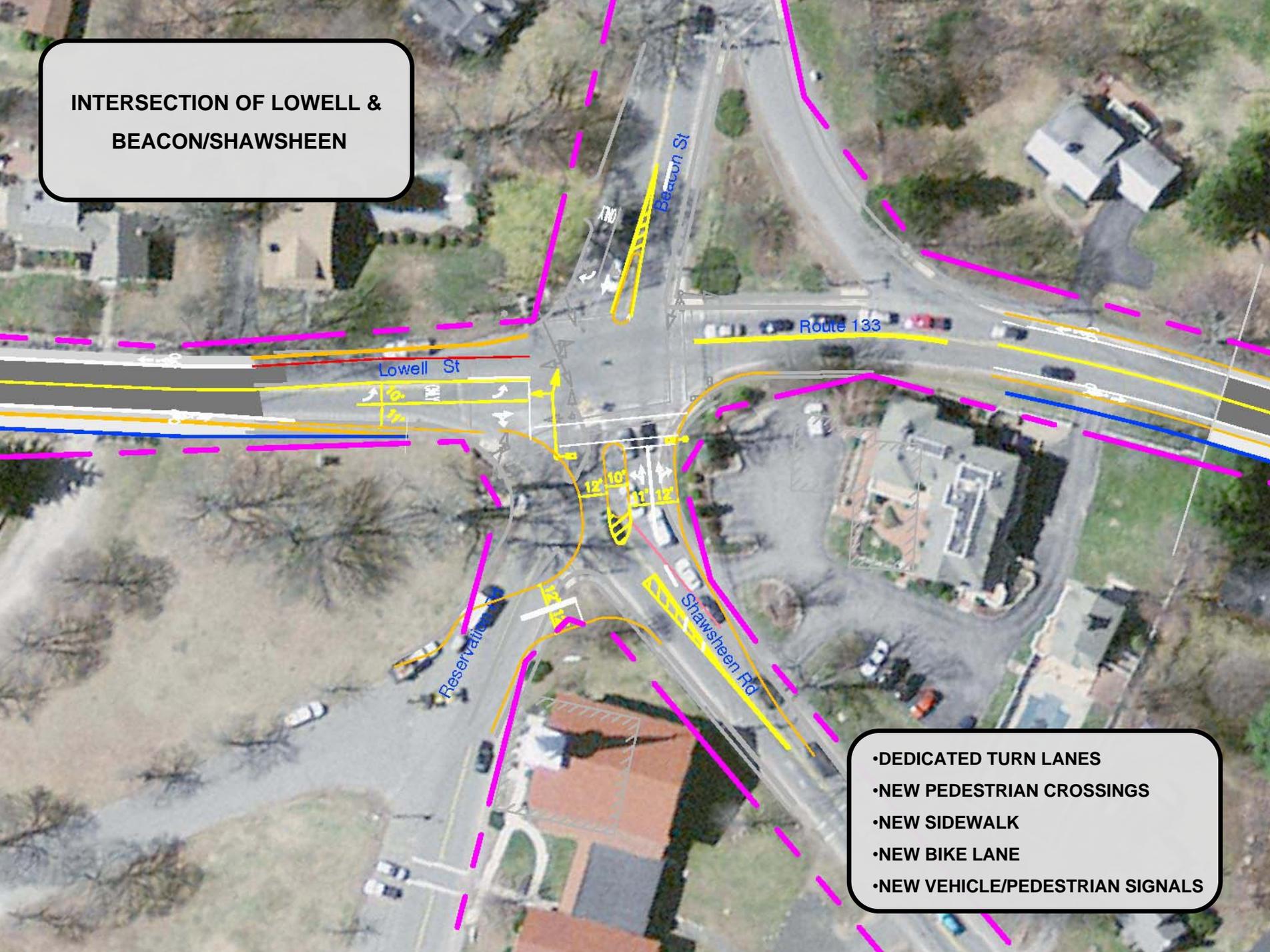
Proposed Conditions

Lovejoy Rd & Greenwood Rd



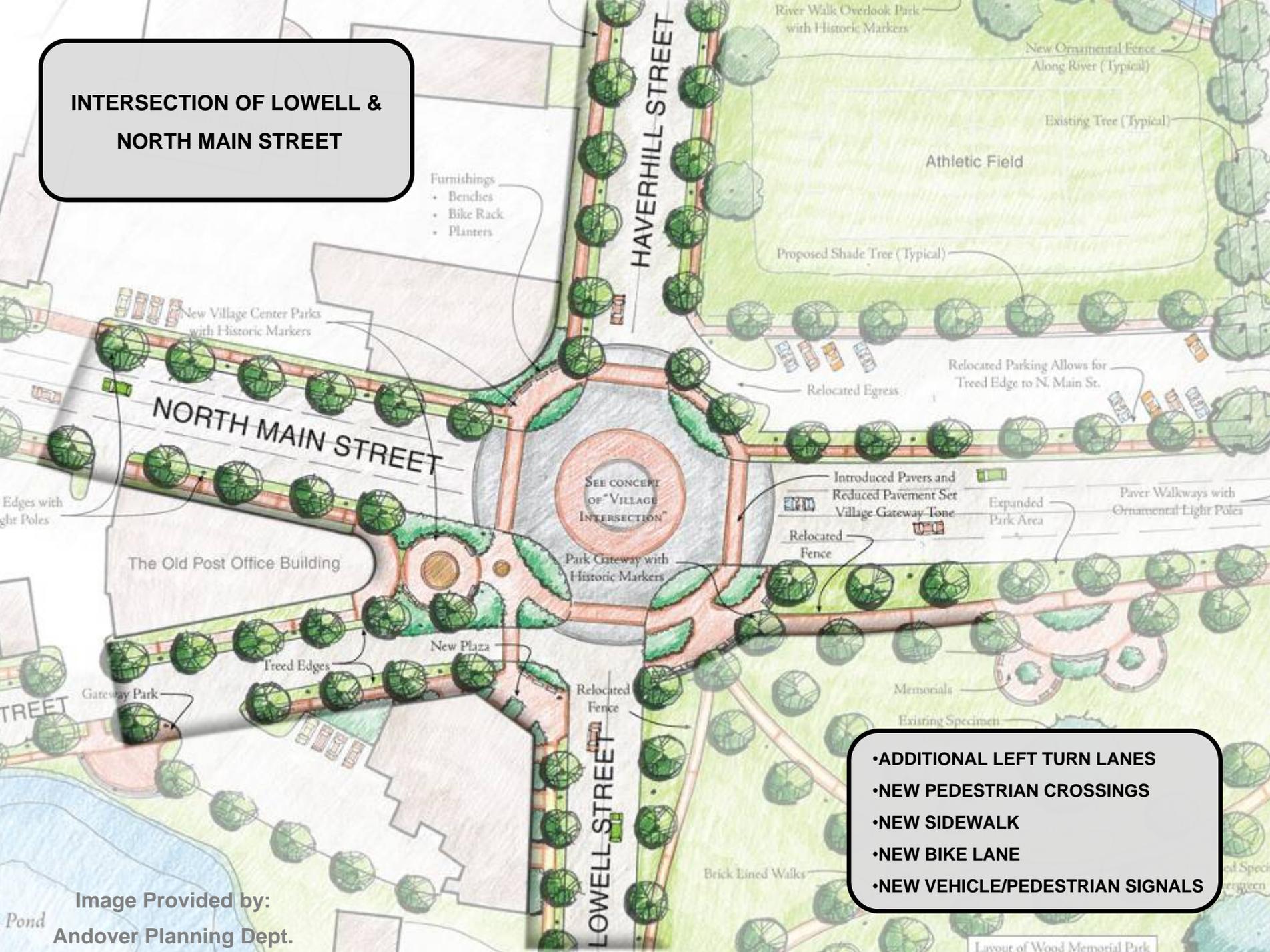
- Studies show that protected left turns reduce accidents significantly
- Left turn bays enhance capacity and reduce delays

**INTERSECTION OF LOWELL &
BEACON/SHAWSHEEN**



- DEDICATED TURN LANES
- NEW PEDESTRIAN CROSSINGS
- NEW SIDEWALK
- NEW BIKE LANE
- NEW VEHICLE/PEDESTRIAN SIGNALS

INTERSECTION OF LOWELL & NORTH MAIN STREET



- Furnishings
- Benches
 - Bike Rack
 - Planters

- ADDITIONAL LEFT TURN LANES
- NEW PEDESTRIAN CROSSINGS
- NEW SIDEWALK
- NEW BIKE LANE
- NEW VEHICLE/PEDESTRIAN SIGNALS

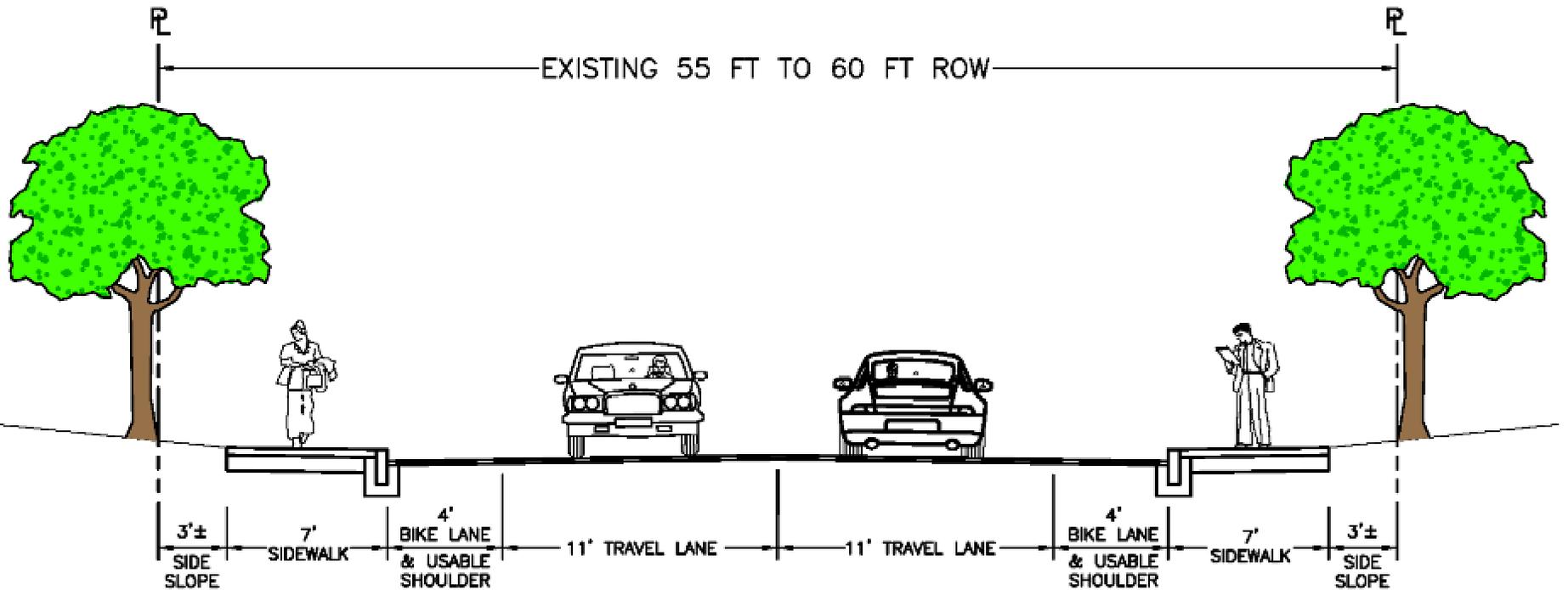
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Andover Planning Dept.

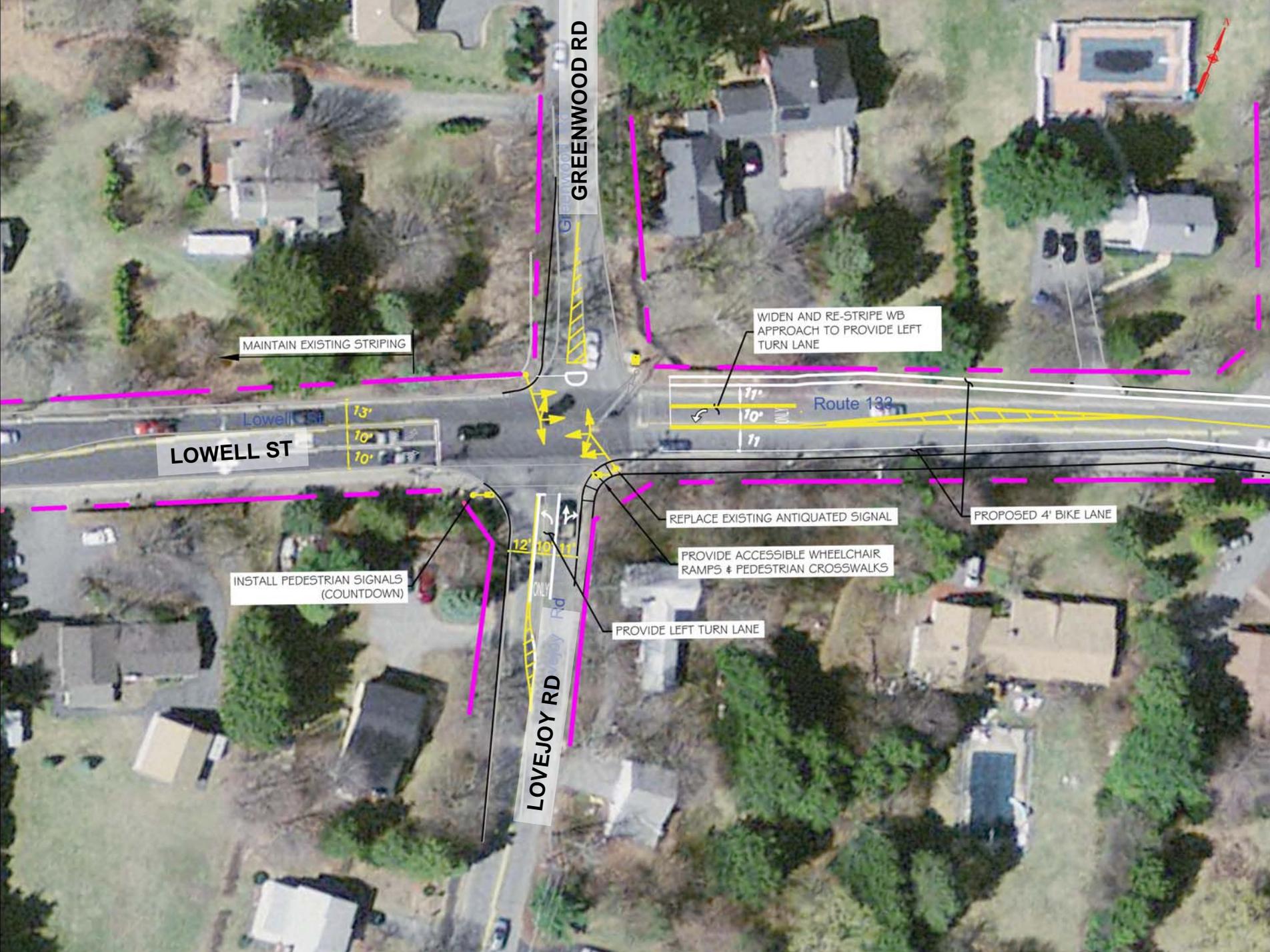
LAYOUT OF WOOD MEMORIAL PARK

SECTION & RIGHT OF WAY STUDY

Proposed Conditions

(Typical)





GREENWOOD RD

MAINTAIN EXISTING STRIPING

WIDEN AND RE-STRIP WB APPROACH TO PROVIDE LEFT TURN LANE

LOWELL ST

INSTALL PEDESTRIAN SIGNALS (COUNTDOWN)

REPLACE EXISTING ANTIQUATED SIGNAL

PROVIDE ACCESSIBLE WHEELCHAIR RAMPS & PEDESTRIAN CROSSWALKS

PROVIDE LEFT TURN LANE

PROPOSED 4' BIKE LANE

LOVEJOY RD

Route 133

13'
10'
10'

12'

