Alumni Road
Concept Safety Improvements – Willard Avenue, Cedar Street

August 19, 2015

Town of Newington
Public Information Meeting

CDM Smith

AGENDA

- Introductions
- Project Background
  - Need For Improvements
- CDM Smith Scope of Work
  - Project Areas
- Recommended Concept Safety Improvements
  - Cedar Street
  - Willard Avenue

Project Team

- Joseph C. Balskus, P.E., PTOE
  - Project Manager
  - Cedar Street "Native" – CCSU Commuter
    - Issues Remain!
  - Route 9 Interchange Study

- David Giel, P.E.
  - Project Engineer
  - Design and Traffic Operations

Project Background

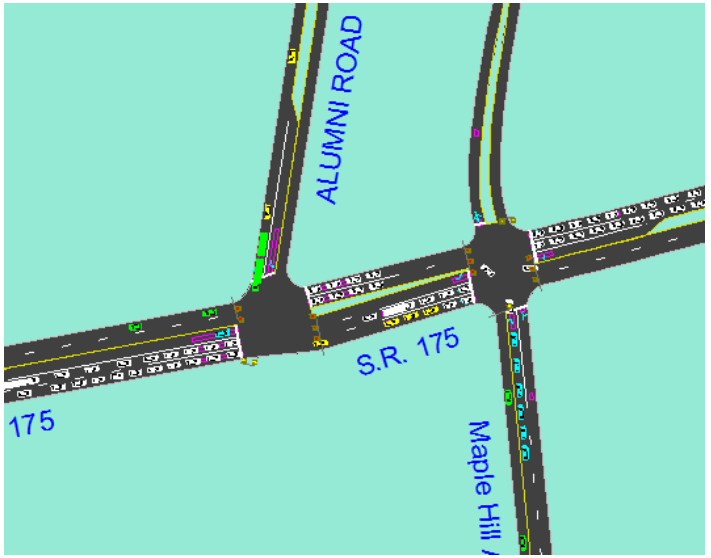
- Alumni Road Safe Access Issues
  - Adjacent Maple Hill Avenue Signal
  - Left Turn Concerns
    - Out of Alumni
    - Into Alumni
  - Queueing Along Cedar Street
  - Curb Cuts
  - Connection to Willard Avenue

Project Background

- Willard Avenue School Peak Hour Congestion Issues
  - Queuing Along Willard Avenue Between Signals
  - Single Lane Exits from High School
    - Pedestrians Crossing on North Driveway
  - More Uniform Flow
  - Storage on Driveway Exits

Scope Of Work

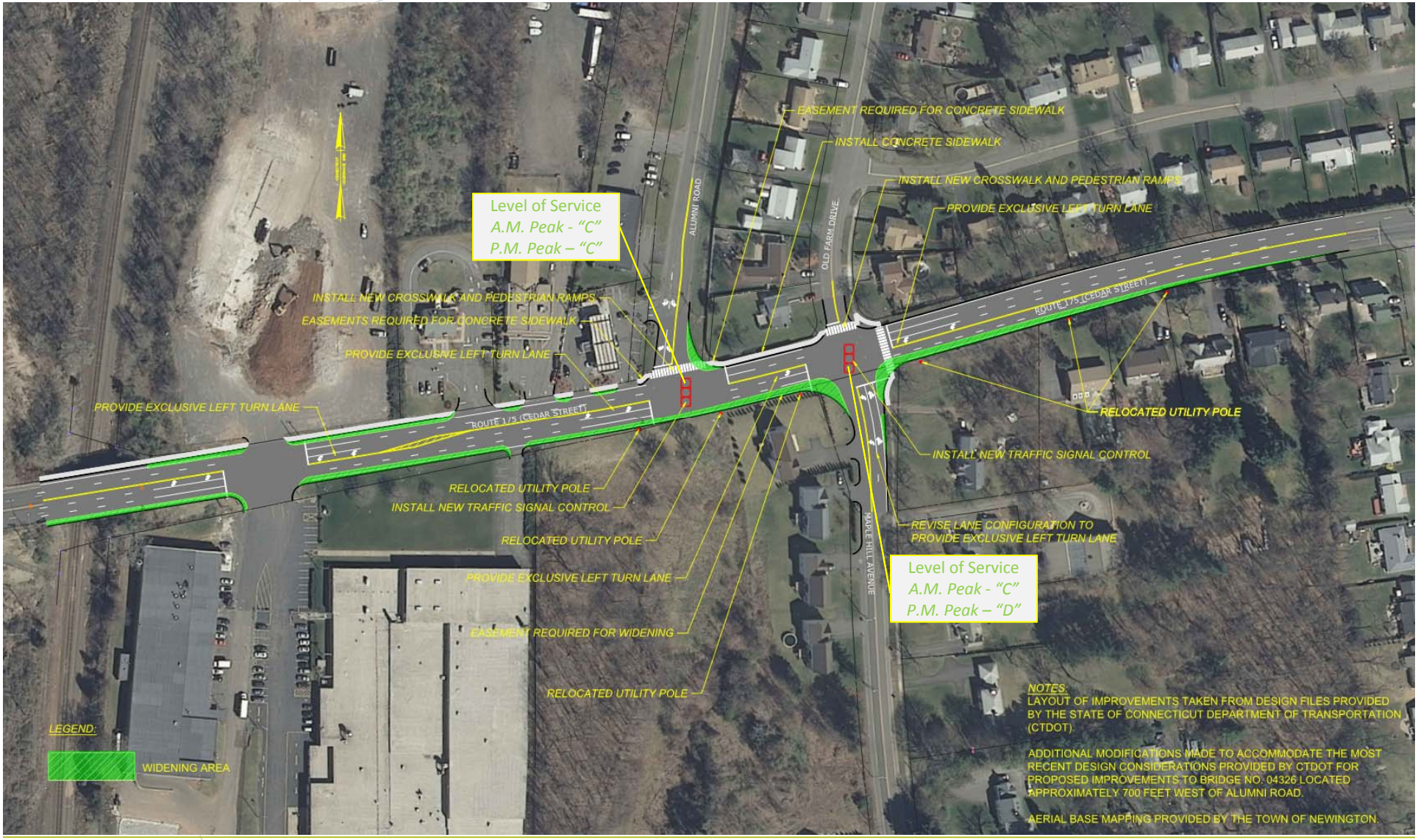
- Peak Hour Field Observations
- Obtain Data, Plans and Analyses
- Update Analyses and Plans
- Traffic Modeling and Simulation
- Improvement Conditions
- Concept Safety Improvements
  - Cedar at Alumni
  - Willard at High School Driveways
  - Reopen Alumni Road



Concept Safety Improvements

- Alumni Road at Cedar Street
  - Signalize Alumni Road Approach
  - Consolidate Signal Operation with Maple Hill
  - Add Cedar Street Left Turn Lanes
    - Alumni and Maple Hill Intersections
  - Widening Along Cedar Street
  - No Private Property Takings
  - Easements May Be Required
    - Sloping/Sidewalks/Radii
  - Incorporates Amtrak Bridge Widening by CTDOT

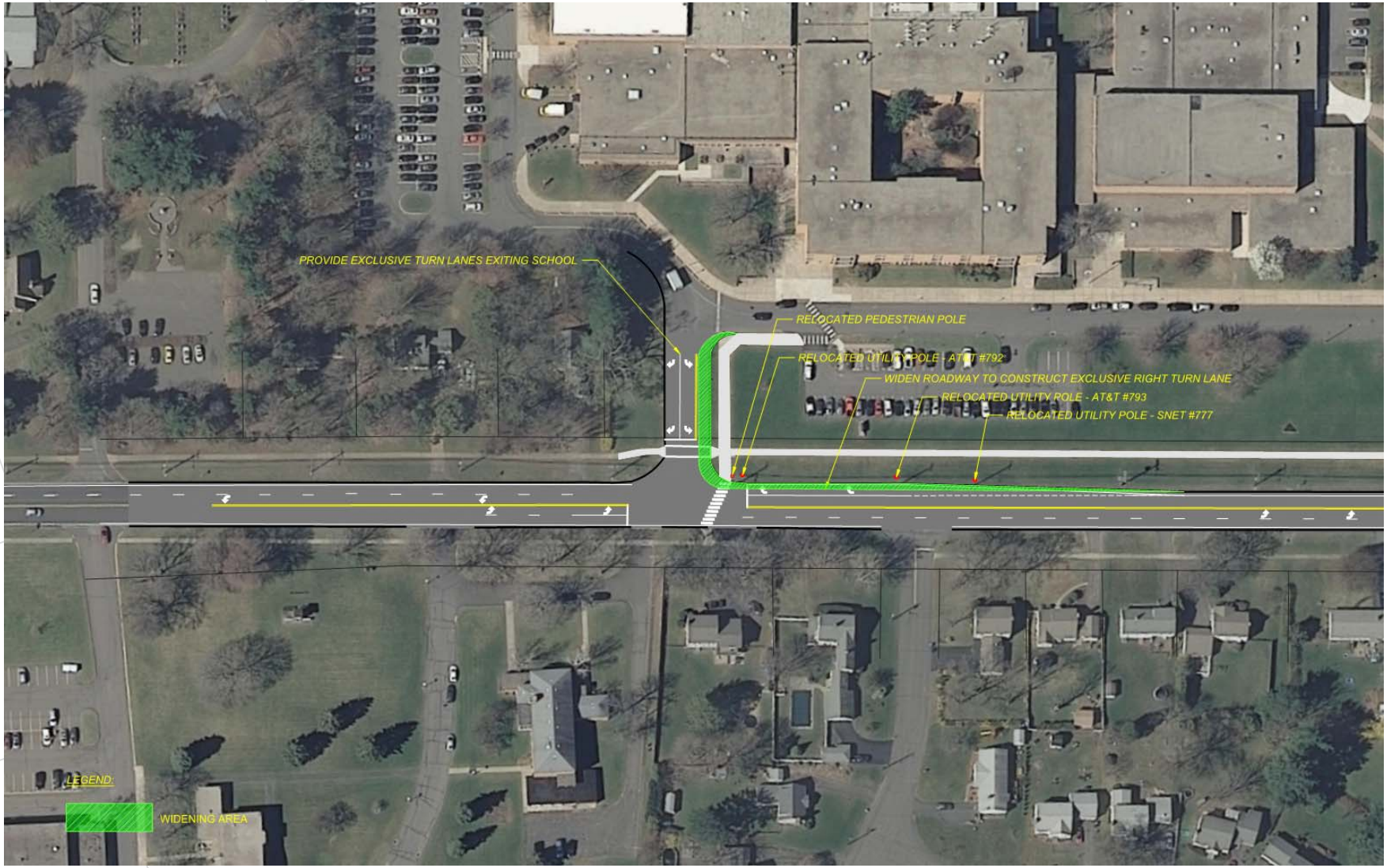
Alumni Road at Cedar Street



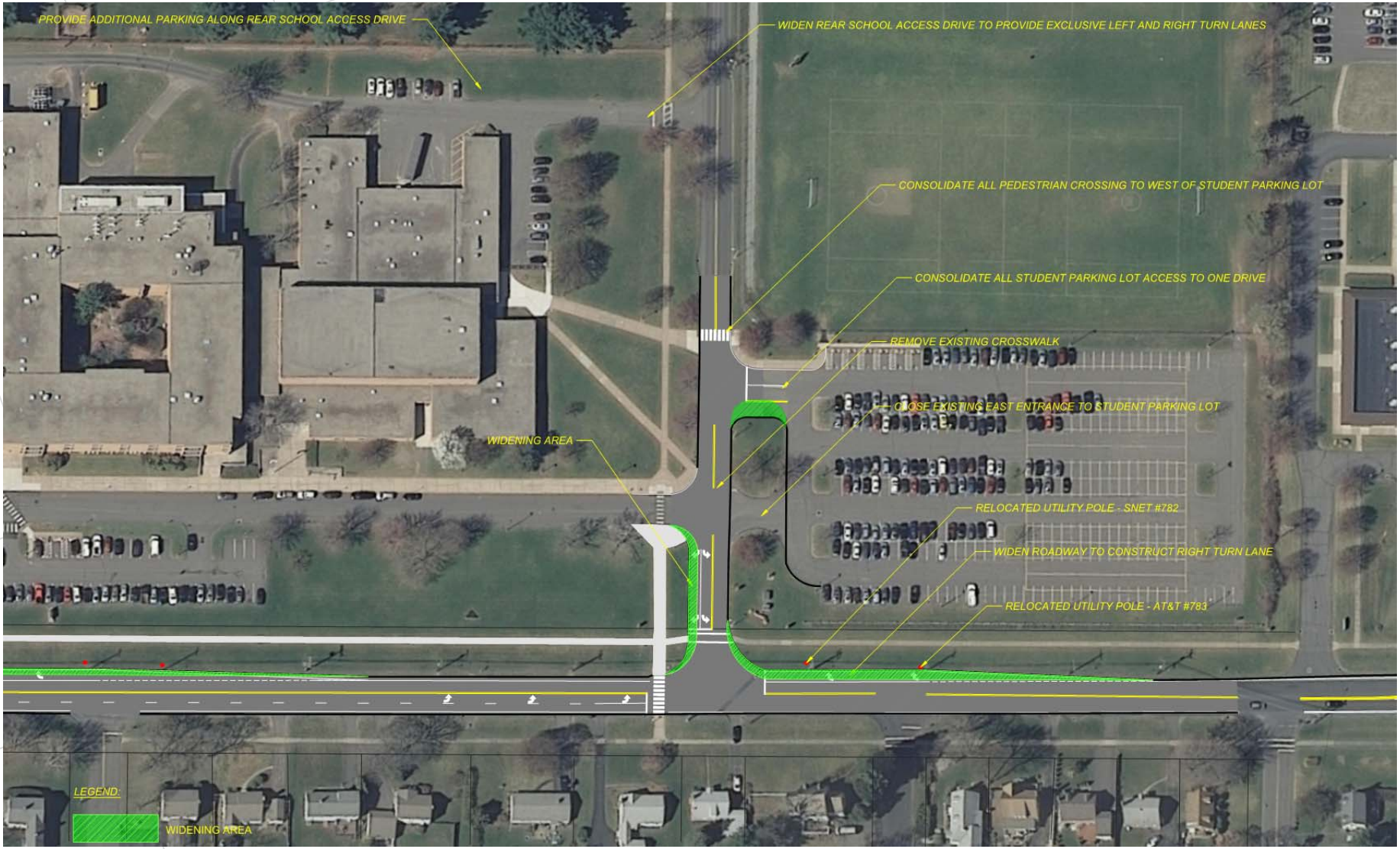
Concept Safety Improvements

- Willard Avenue at HS Driveways
  - Widening Along West Side of Willard
  - Provide Right Turn Lanes Along Willard
  - Widen Driveways for Two Lane Exits
  - North Driveway Crossing Changes
  - Utility Pole Relocations Required
  - New Traffic Control Signals Required

Willard Avenue – West Widening (HS Side)



Willard Avenue – West Widening (HS Side)



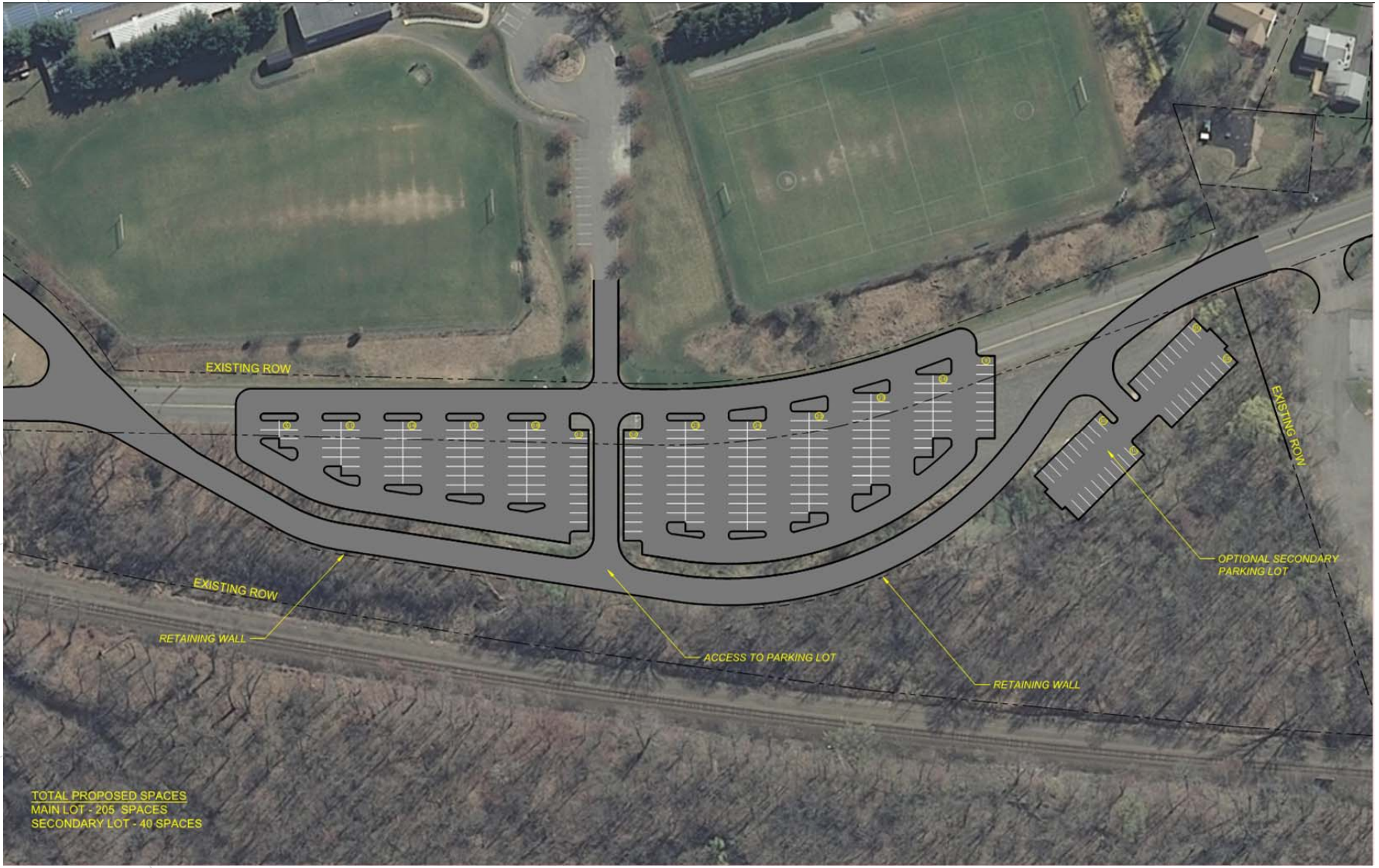
Concept Safety Improvements

- Reopen Alumni Road

Concept Safety Improvements

- Alumni Road Parking
  - Realign Alumni Road
  - Relocate Parking Lot to East of Alumni Road
    - Eliminates Pedestrian Crossing of Alumni Road

Alumni Road Parking/Relocation



Summary

- Cedar Street Widening Improves Alumni Safety
  - Left Turn Lanes Improve Through Flow
  - Safer Ingress/Egress
  - No Private Property Taking Required
- Willard Avenue Widening Improves Traffic Flow
  - Additional Storage For HS Exiting Traffic
  - Improved Pedestrian Access on North Drive
- Reopen Alumni Road
- Relocate Alumni Road – Safer Parking Access