Project History:

• Extend Wilson Road in conformance with MSU Campus master plan.
  o New roadway supports increased traffic projected from opening / full build-out of FRIB building.
  o MSU worked with MDOT and City of East Lansing to apply for TEDA Grant funding for Project costs.
  o MSU commissioned traffic study to support the need for the extended roadway and road network modifications.
    o Traffic study and conceptual design required as part of Grant application.
    o Required coordination with MDOT, Ingham County, City of East Lansing, and Tri-County Planning (local MPO).
Project History:

- Project was reviewed and approved by MDOT Office of Economic Development to receive Grant funding.
- Grant awarded in summer of 2016.
  - Based off conceptual designs as presented in traffic study and Grant application package.
- Detailed design commenced to refine the design and project.
  - Boulevard Roadway with bike lanes
  - Redesigned parking that separates roadway from pedestrian traffic
  - Upgraded lighting
  - Green infrastructure (storm water cleansing)
- Project funding (approximate split):
  - 40% Grant funds
  - 60% MSU match
Program:

• Project goal
  o Shaw Lane is the only main entrance to campus between Hagadorn Road and Service Road. This creates added vehicular traffic through a busy pedestrian and bicycling area. The intersection is also very close to the intersection of Hagadorn Road and Grand River, which is one of the busiest intersections in the state.
  o The current intersection is not coordinated with the CN rail line, creating further traffic complications. The lack of traffic signals along Shaw Lane east of Farm Lane Road creates accessibility concerns. Fee Road and Wilson Road (from Conrad Hall to Shaw Lane) along with the parking lots 30 and 32 (south of Fee Hall) are in poor condition and approaching the end of their anticipated life-cycle.
Program:
• Scope
  o Reconfiguration and reconstruction of Wilson Road, Fee Road and Parking Lots 30 and 32
    o Goal: separate through traffic from pedestrians and parking areas, increasing safety for pedestrians and visitors
  o New intersection at Hagadorn road north of railroad track, including traffic signal that will be integrated with railroad gate arms and warning devices
  o New traffic signal at the intersection of Shaw Lane and current Wilson Road (new road name TBD)
  o Improve water distribution in the region
  o Vehicular, pedestrian, and bicyclist safety improvements
  o Improved ADA crossings and compliance
Wilson Road Extension

Existing conditions

On street parking will be eliminated to improve safety
Wilson Road Extension

Existing conditions

Steps will be eliminated to improve accessibility.
Wilson Road Extension

Site plan (Proposed)

PARKING STALL COUNTS

ESTIMATED EXISTING: 597
WADE TRIM PROPOSED: 622
(12 A.D.A. INCLUDED)

ADDITIONAL 23 BIKE RACKS

PROPOSED WATERMAIN

ALTERNATE BID, WATER MAIN
CONNECTION TO BUILDINGS

EXISTING WATER MAIN

PROPOSED TREES:
- DECIDUOUS
- EVERGREEN
- ORNAMENTAL
Wilson Road Extension

Site plan (Proposed)
Wilson Road Extension

CONSTRUCTION LEGEND
- Road Unchanged
- Closed Area
- Pedestrian Route
- Road Closed
- New Road
- New Sidewalk
Construction representative:
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