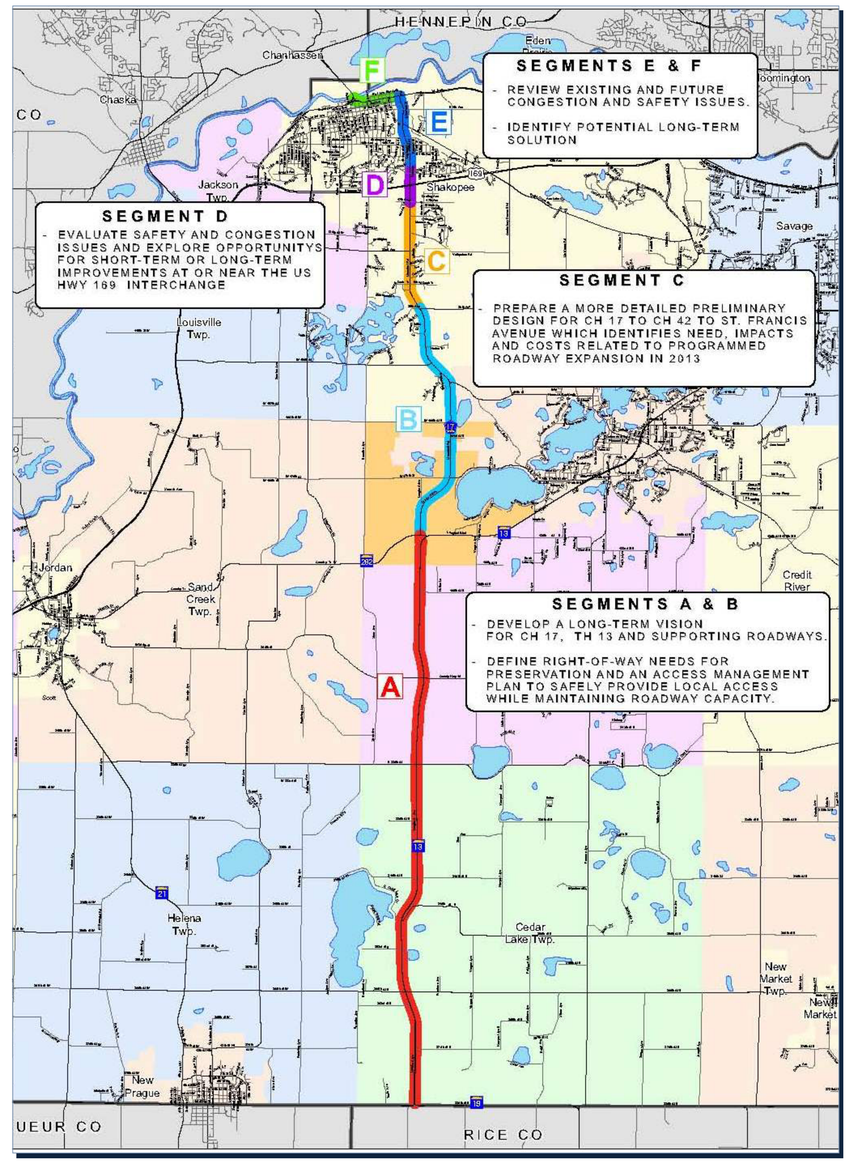
CH 17/TH 13 Corridor Study Background Information

County Highway (CH) 17, also known as Marschall Road, is a vital roadway to the City of Shakopee and Scott County. The City and County have been working together to preserve and expand this corridor to correct safety problems and accommodate the growing demands that are placed upon it. The project area is located within a portion of **Segment C** as identified in the 2009 CH 17/TH 13 Corridor Study.

Recommendations/Outcomes from the CH 17/TH 13 Corridor Study:

- Establish the future functional classification of the corridor as a Principal Arterial.
- A road design concept was approved by the City and County on CH 17 between CH 42 and St. Francis Ave.
- Implement access management measures to preserve safety and corridor performance.
- Work towards contiguous local supporting roadway networks with properly spaced corridor intersections.
- Reduce private access from the corridor when opportunities arise.
- Establish a park and ride facility near the CH 17 and Highway 169 intersection. Explore providing bus shoulders on CH 17.
- A portion of Segment C is currently under construction for expansion to a four-lane divided roadway based on the study's recommended design concept.

CH 17/TH 13 Corridor Study (2009)



Current and Planned Projects Along the CH 17 Corridor

County Highway 17 Reconstruction Project

http://www.co.scott.mn.us/RoadsTransport/Roads/Design/Pages/cp1732.aspx

Project Need

Safety: Improve safety by reducing access points and adding turn-lanes at intersections.

Capacity: Traffic volumes have increased and are projected to continue to increase in the CH 17 corridor. The 2012 traffic volumes along this section of CH 17 were 13,300 ADT. The projected 2030 traffic volumes are 34,000 ADT.

Transit: The CH 17/TH 13 Corridor Study identified the need for a transit station, and a site has been secured at the southwest corner of Highway 169 and CH 17. Wide shoulders will be established along CH 17 for future bus shoulder lanes.

Trails: Limited trail connections exist, bicyclists and pedestrians are currently required to share the roadway with existing traffic. In urban areas, the County policy is to build trails along both sides of county highways. A regional trail is planned along CH 17.

Proposed Project

- Continue the reconstruction of County Highway (CH) 17 as a four-lane divided urban roadway south to CH 42.
- Improve the Wood Duck Trail intersection by adding turn lanes.
- Eliminate two public street accesses (Chateau Avenue and Blue Heron Trail) from the project area (Dominion Avenue will be closed with the current project on CH 17).
- Reduce private driveway accesses. Any remaining private driveway accesses will be converted to right-in, right-out.
- Add twelve foot (12') shoulders for future bus use.
- Add ten foot (10') bituminous trails on both sides of CH 17.
- Improve storm water quality treatment systems.

Project Schedule

June 25, 2014	• **Open House**
Summer 2014	• **Determine Right-of-Way Needs** • **Impacted Property Owner Project Introductions**
Fall/Winter 2014	• **Final Design** • **Right-of-Way Offers/Negotiations**
2015	• **Construction**

Scott

County Highway 17 Reconstruction Project

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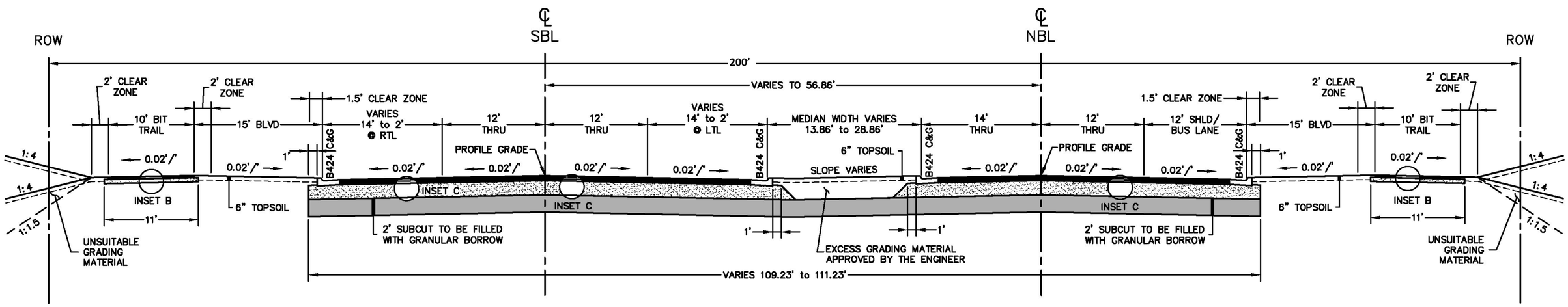
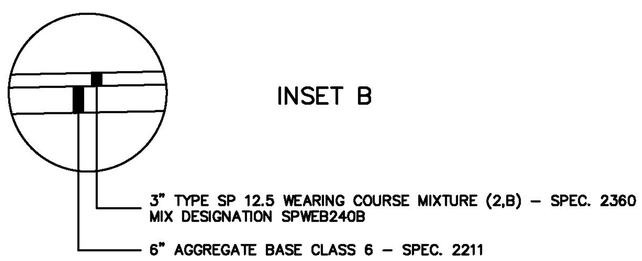
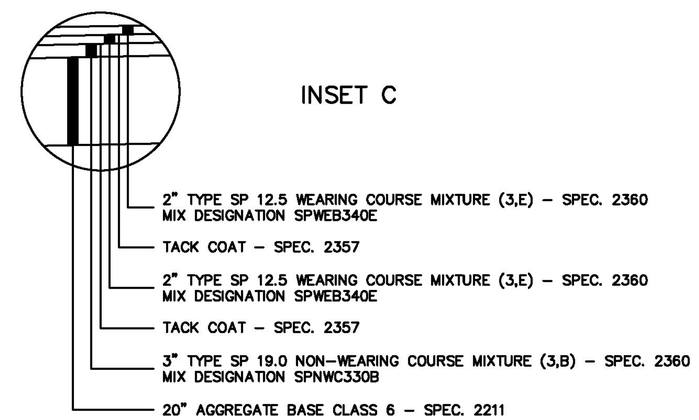
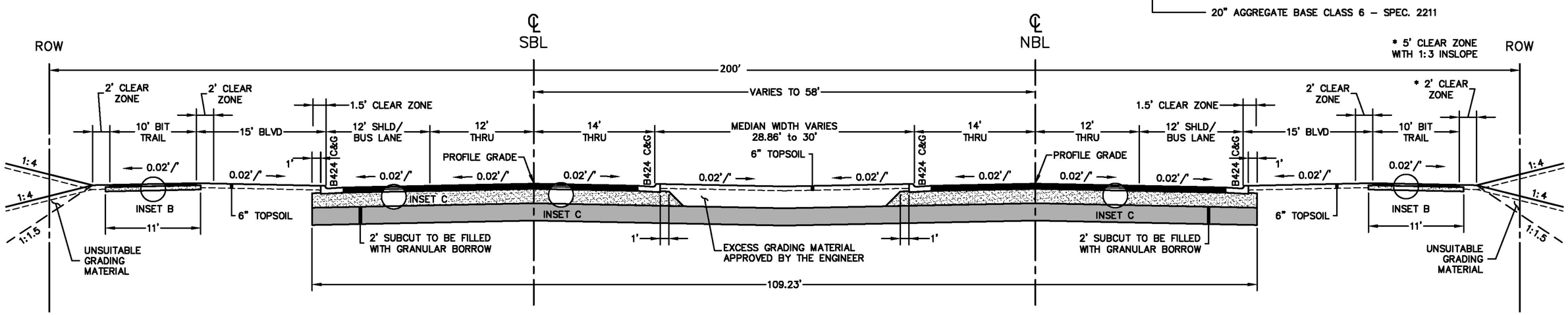
Typical Sections









County Highway 17 Reconstruction Project

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