

Chubb Rd & 5 Mile Rd Reconstruction

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Presented By:

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Project Overview

- Rebuild and pave
 - Chubb Rd from 5 Mile Rd to 6 Mile Rd
 - 5 Mile Rd from Chubb Rd to Napier Rd
- Replace culverts
- Upgrade railroad signals at crossing

Why is this needed?

- Heavy truck traffic means...
 - Significant dust in dry months
 - Muddy mess in wet months

Project Timeline

- **February – March:** Tree removal
- **March – June:** Utility relocation and railroad crossing work
- **June – end of October:** Road work

Road Work Details

- Reconstruction of both roadways
 - 11' lanes
 - 6" of hot mix asphalt with 8" aggregate base
 - 4' paved shoulder and 2' aggregate shoulder

Road Work Details

- Drainage upgrades
 - Addition of curb and gutter in certain locations
 - Culvert lengthening and replacements
 - Re-establishment of existing ditching

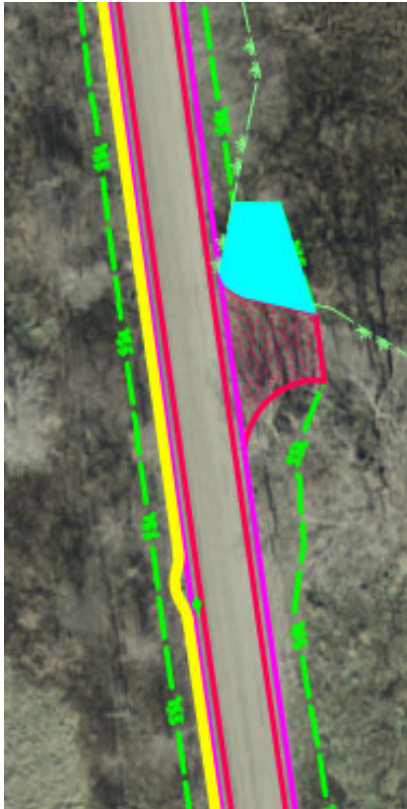
Profile Adjustments

- Hill Cut
 - Goal: increase sight distance
 - Locations: 7374 Chubb Rd, 10044 Mary Ann Rd, 7506 Chubb Rd, 10611 5 Mile Rd, 10860 5 Mile Rd
- Fill in “sag curves”
 - Goals: Increase sight distance, raise subgrade above water table
 - Locations: City of Plymouth Property, 7506 Chubb Rd, 7528 Chubb Rd, 7591 Chubb Rd, 7645 Chubb Rd, Alfret Pearson Trust Property, 7667 Chubb Rd, 7586 Chubb Rd, Urban Investment Property

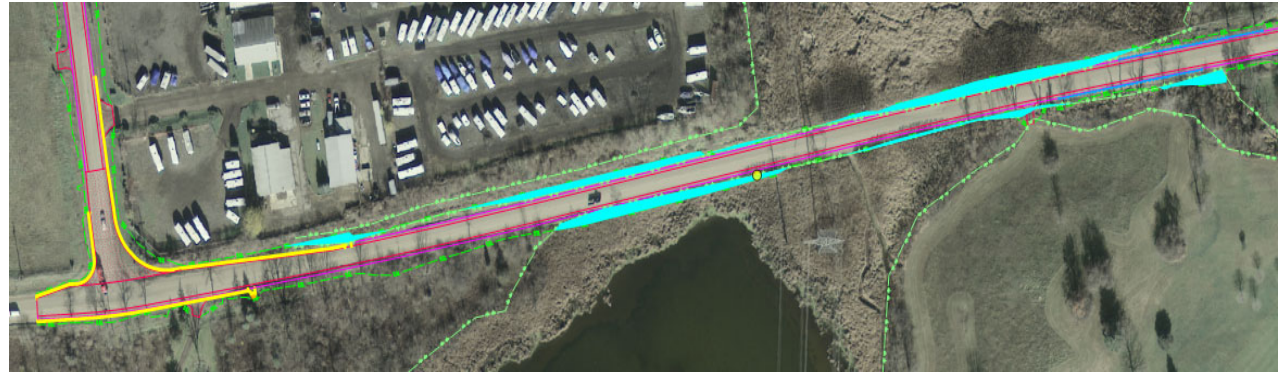
Environmental Impacts

- Tree removals
 - To make space for the wider roadway and profile changes
 - Must be completed by March 31
- Wetland mitigation
 - Approximately 0.35 acres to be mitigated at an offsite wetland mitigation site

Environmental Impacts



Chubb Rd Wetland Impact (7506 Chubb Rd)



5 Mile Rd Wetland Impacts (10050 Marilyn St, Advanced Disposal Services, Brae Burn Golf Course, International Transmission Company)



5 Mile Rd Wetland Impact (10611 5 Mile Rd)



5 Mile Rd Wetland Impacts (Napier Rd Intersection)

Traffic Control Plan

- During work on Chubb Rd
 - **Stage I:** Close southbound and maintain one lane for northbound local traffic
 - **Stage II:** Close northbound and maintain one lane for southbound local traffic on the newly constructed roadway

Traffic Control Plan

- During work on 5 Mile Rd
 - Full closure of 5 Mile Rd with detour, allowing only traffic to the golf course
 - Traffic for the landfill will use interior roadways and Napier Rd

Detours

- 5 Mile Rd
 - Chubb Rd to 6 Mile Rd to Napier Rd
- Chubb Rd
 - 6 Mile Rd to Napier Rd to 5 Mile Rd

Next Steps

- Tree removals – before March 31
 - Contract out to bid in February
- Right-of-way (ROW) acquisition
 - Consent to grade outside of road ROW
 - Consent to remove select trees outside road ROW
 - Permanent easements

Next Steps, cont.

- Utility relocations – Spring
- Road work contract out to bid – April/May
- Railroad crossing work – April/May
- Road construction begins – June

More Information

- Subscribe to project emails
- Visit project webpage
- Contact project manager
 - Mark McCulloch, (734) 327-6679,
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- Follow @Washtenawroads on social media