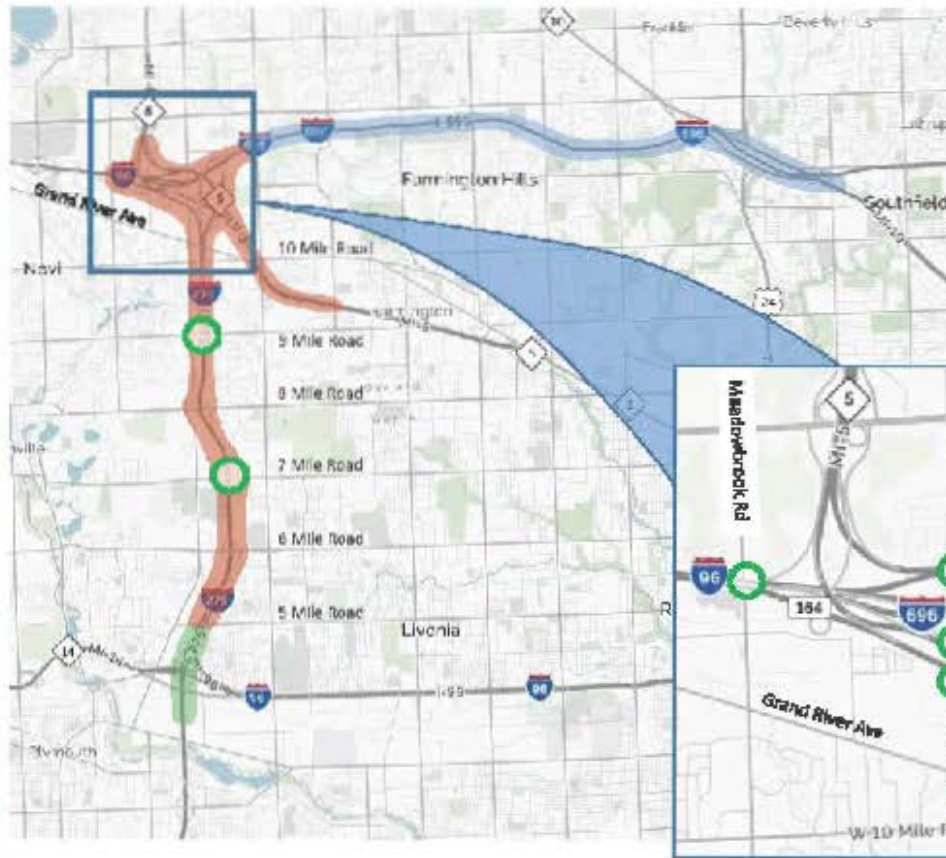


**I-275 Rehabilitation Project
from 5 Mile Road to
I-96/I-696/M-5 interchange**

Project Overview



OVERALL PROJECT VICINITY

I-275 Concrete Inlay and Bridge Work

I-696 Roadway Patch Work

Intelligent Transportation System (ITS)
(ITS also included in I-275 Work Zone)

○ Bridge Work Locations



Project Overview

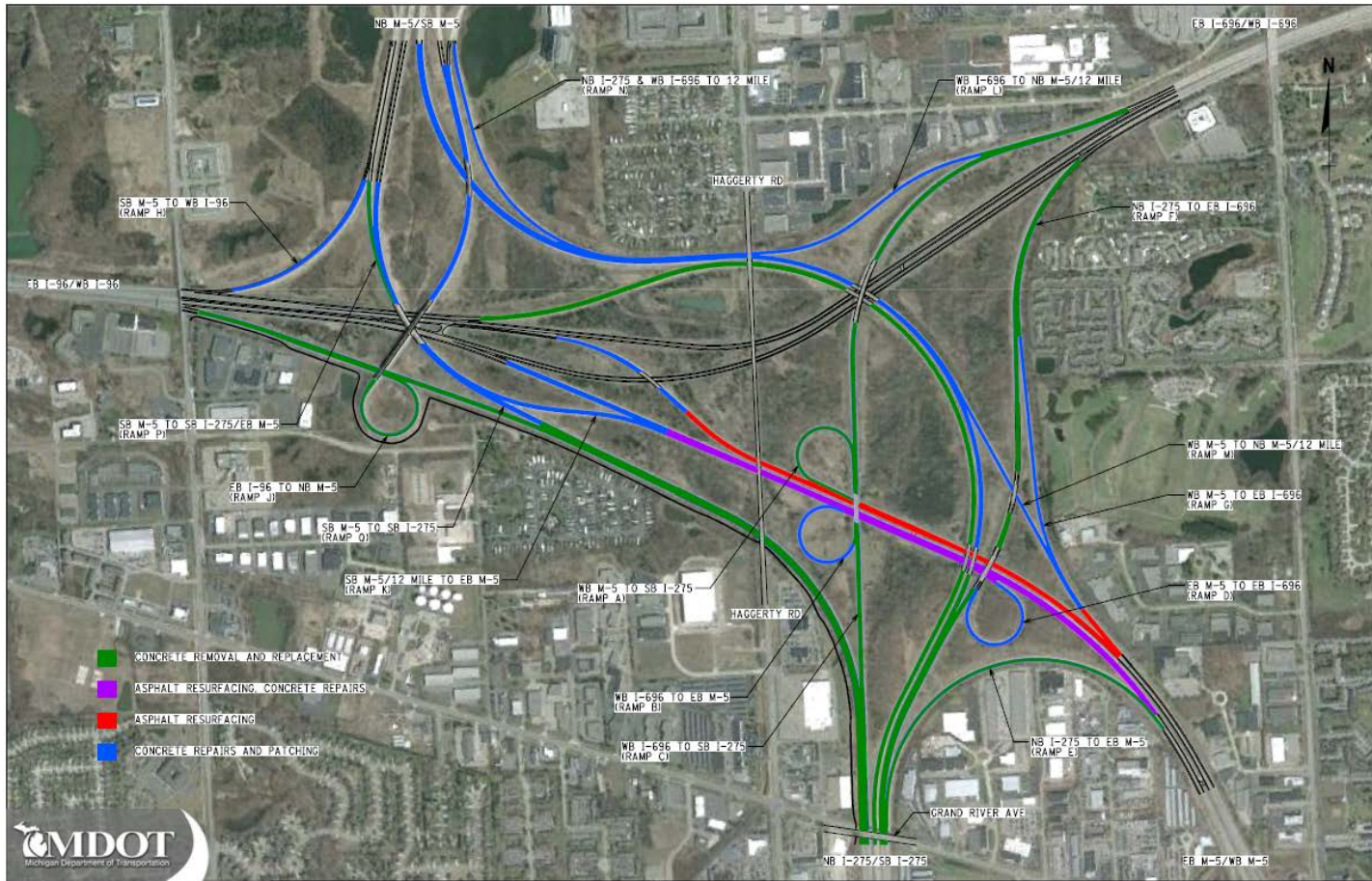
(continued)



- I-275 from 5 Mile to the I-96/I-696/M-5 Interchange will have a concrete inlay placed in 2016.
- I-696 capital preventive maintenance with concrete patches
- 15 bridges with minor rehabilitation
- This is an \$80 million rehabilitation project that is intended to extend the life of this section of freeway. The project also includes Intelligent Transportation System (ITS) work.

Project Overview

(continued)



Maintaining Traffic Scheme

Public Feedback



MDOT sought public input (Oct. 2 – 9) on road closure options, receiving 3,765 responses.

22 possible road closure configurations, detours, lane shifts, and other traffic control options (barrels, barriers, signs, manpower, etc.) were evaluated by MDOT. These configurations were narrowed to three options and were offered in the survey. Feedback and percent response for each option are noted below:

87%

Option 1

- ⇒ Close and Detour one direction of I-275 at a time
- ⇒ One Construction Season
- ⇒ \$1.04 Million in Traffic Control Costs

4%

Option 2

- ⇒ Keep northbound I-275 during the entire project with traffic shifted as work is performed and detour southbound I-275 traffic
- ⇒ Two Construction Seasons
- ⇒ \$2.87 Million in Traffic Control Costs

9%

Option 3

- ⇒ Both directions of traffic maintained on one side of the freeway with a barrier wall separating traffic
- ⇒ Two Construction Seasons
- ⇒ \$4.85 Million in Traffic Control Costs

The I-275 project is scheduled to begin next spring in the communities of Livonia, Novi and Farmington Hills

Noise Ordinance Waiver Request

- Constructing in one year as outlined in Option 1 can only be done if the Contractor is allowed to conduct nighttime operations
- Noise Ordinance Waivers (NOW's) are required from the cities of Livonia, Farmington Hills and Novi.

NOW Ramifications

- Without NOW's, the project will be a two year project, 18-20 months of construction instead of 5 months.
- It is also estimated that the project cost would increase approximately 40% and increase Act 51 participation.
- There would be significant overlap and mobility challenges with projects planned in 2017.

Questions?

