Samuel Sorensen, PE Jackson TSC Construction Engineer
Cost and Schedule

• Preliminary Budget: $109,000,000

• Anticipated Starting Date: Mid-July

• Anticipated Open to Traffic: November 2019

• Cooper Street Resurfacing: April – May 2019

• Parnall Road Resurfacing: May 2020
Anticipated Milestone Dates

• Begin Work in Mid-July
• Close and Demo Cooper Street (M-106) Bridge Mid March 2019
• Resurface Cooper Street (M-106) April – May 2019
• Shift traffic onto new EB lanes by end of May 2019
• Open Cooper Street (M-106) to traffic by October 2019
• Fully open I-94 by November 23, 2019
• Landscaping, Parnall Rd. and other Misc. work in spring 2020
I-94 M-60 to Lansing Avenue

3.5 Miles of Major Resurfacing
I-94 M-60 to Lansing Avenue
I-94 Lansing Avenue to Elm

1.4 Miles of Reconstruction
I-94 Lansing Avenue to Elm
I-94 Lansing Avenue to Elm
I-94 Elm Road to Sargent Road

4.3 Miles of Major Resurfacing
I-94 Elm Road to Sargent Road

Dettman Rd.

US-127
Mine Mitigation

- Cooper Bridge over I-94 – Grouting under the structure
- Approximately ½ mile of reconstruction over mines with Continuously Reinforced Concrete Pavement
Mine Mitigation

Potential Equipment

Bore Hole Image of Void
Continuously Reinforced Concrete Pavement
Traffic Impacts

- Maintain two lanes of traffic during daytime hours
- Single lane closures at night
- Nighttime I-94 detours for Cooper Street (M-106) demolition and beam placement
- Utilize Stopped Traffic Advisory System
- Penalties
  - 60 day detour of West Ave interchange loop ramps
  - Cooper St. closed between 3/19 – 10/19
Stopped Traffic Advisory
System Message Boards

FREE FLOW
Speeds > 45mph
LEFT LANE CLOSED

SLOW
Speeds < 45mph
CAUTION SLOWED TRAFFIC

STOP & GO
Speeds < 15mph
CAUTION STOPPED TRAFFIC

2 MILES AHEAD

X MILES AHEAD

X MILES AHEAD
Traffic Impacts – Daytime
Traffic Impacts – Nighttime
Traffic Impacts – West Ave to WB I-94
Fall of 2018

Detour Route for Closure of Northbound US-127 BR (West Avenue) ramp to Westbound I-94 in 2018

[Map showing detour route and ramp closure]
Traffic Impacts – Cooper (M-106) Detour
March 2019 – October 2019
I-94 Beautification
I-94 Beautification
I-94 Beautification
I-94 Road and Bridge Reconstruction, Jackson County

Start: Summer 2018  End: Spring 2020

What is being done?

- Widening I-94 from 3 lanes to 4 lanes from I-55 to the Wyoming exit
- Removing the exit ramp at the Wyoming exit
- Constructing a new exit ramp at the Wyoming exit
- Widening and resurfacing U.S. 127 North and Tallmadge Road
- Widening and resurfacing U.S. 127 North in the downtown area of Jackson
- Constructing a new bridge over the Ore Creek
- Widening and resurfacing Tallmadge Road

Why is this needed?

- The existing infrastructure is not adequate to handle the current traffic levels
- The project will improve safety, reduce congestion, and extend the life of the roadway

For more information, visit: www.michigan.gov/i94jackson
Questions