

I-55 Corridor Improvements Design-Build Project

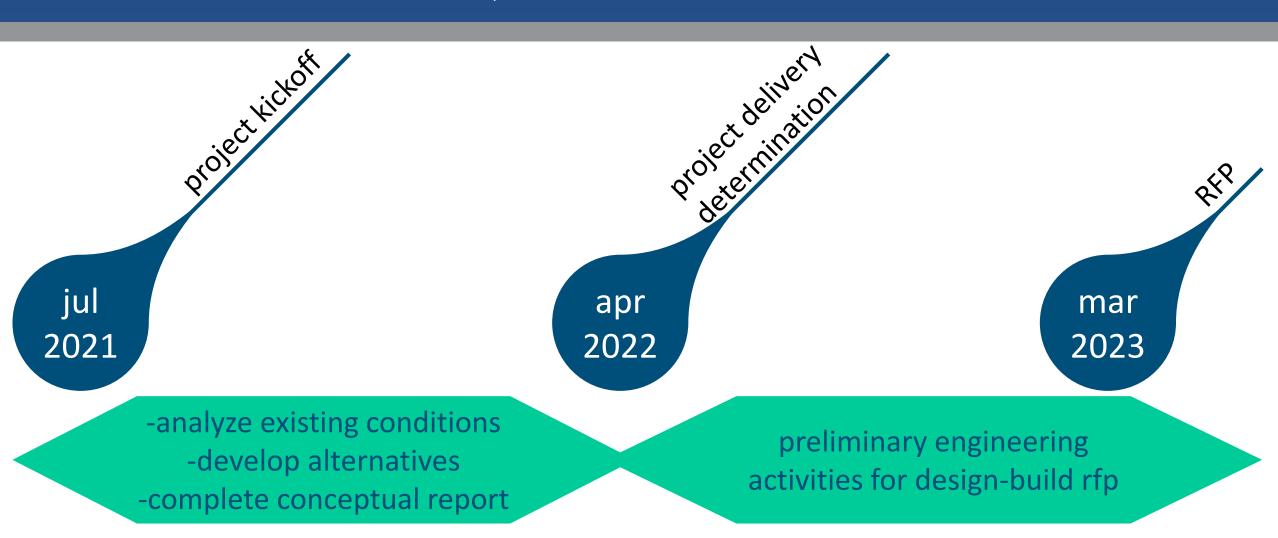
Maximizing Reliability and Safety on Interstate 55
Transportation Engineers Association of Missouri
March 14, 2024
Jenn Becker, PE
Justin Wolf, PE

Project Location

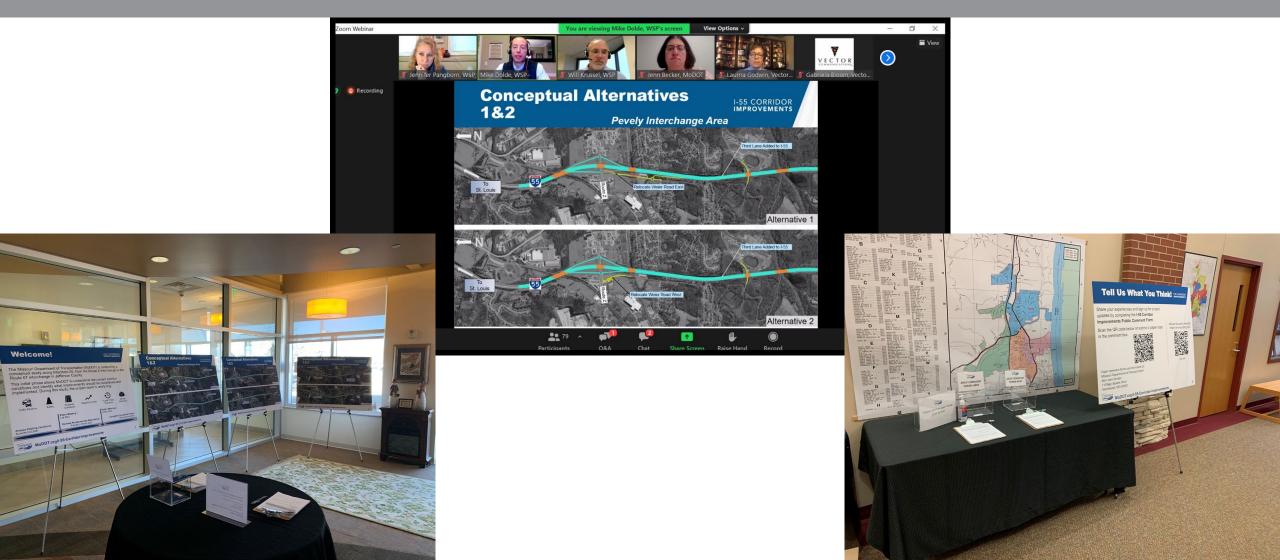




Accelerated Project Timeline



Public Involvement



Project Needs: Safety

- One of the heaviest traveled interstates in Missouri
- I-55: 70,000 ADT, US 67: 35,000 ADT
- I-55: 16% heavy trucks, US 67: 8.6% heavy trucks

2017-2021 I-55 Crashes Data	
TYPE	ALL CRASHES
Fatal	6
Serious/Disabling	24
Minor	153
PDO	665
TOTAL	848

2017-2021 US 67 Crashes Data	
TYPE	ALL CRASHES
Fatal	2
Serious/Disabling	6
Minor	61
PDO	207
TOTAL	276

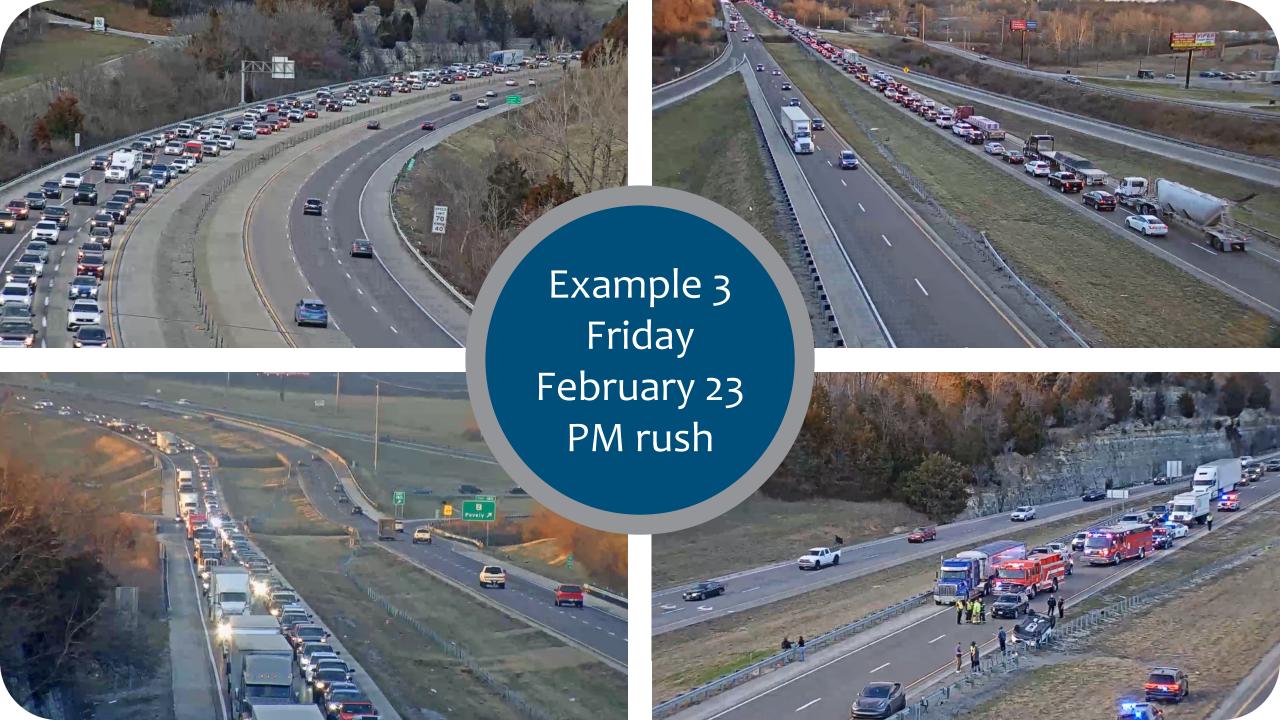
Project Needs: Corridor Reliability











Project Needs: Freight





Project Needs: Peak Hour Congestion



Project Needs: I-55/Rt. Z



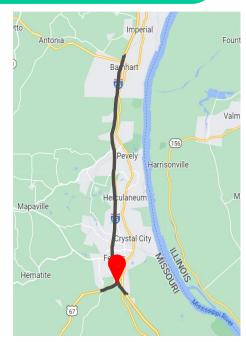
Project Needs: I-55/Rt. Z & McNutt Street





Project Needs: I-55/US 67

NB US 67 to
NB I-55
11,181 veh/day
peak hour:
1,400 veh/hour



SB I-55 to
SB US 67
10,589 veh/day
peak hour:
1,400 veh/hour

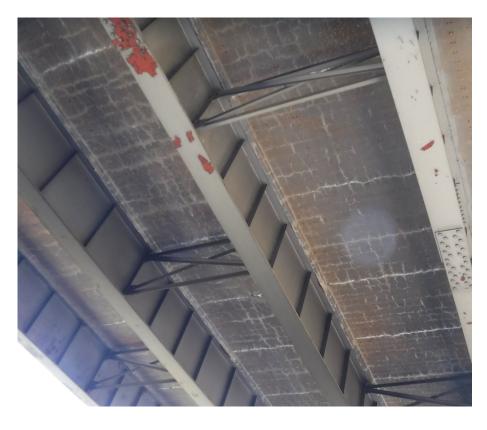
Project Needs: US 67/Rt. CC





Project Needs: Infrastructure











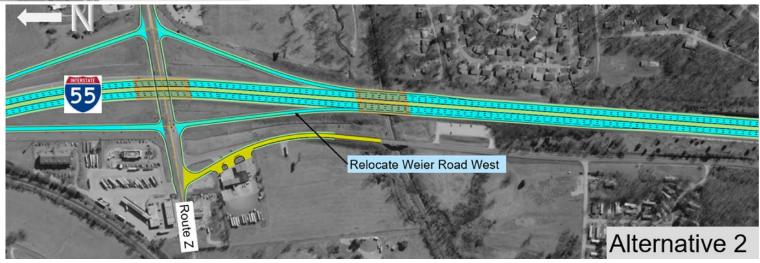
Solutions





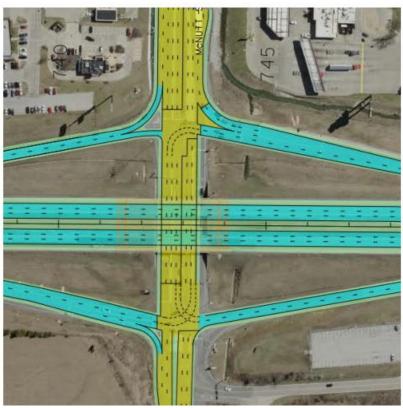
I-55/Rt. Z

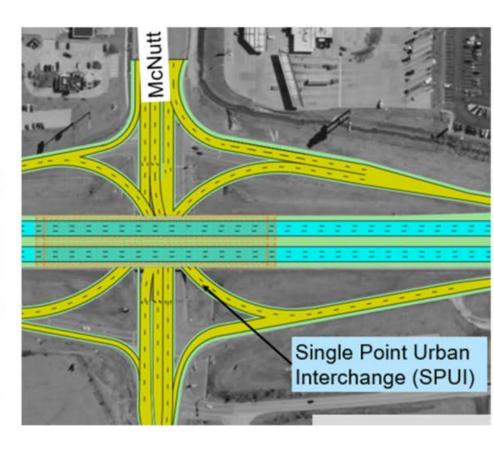




I-55/McNutt Street

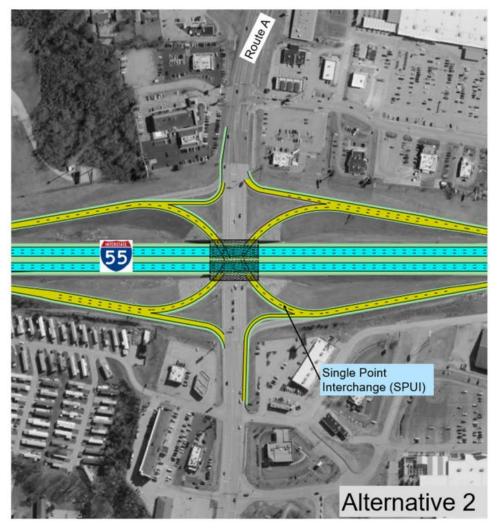




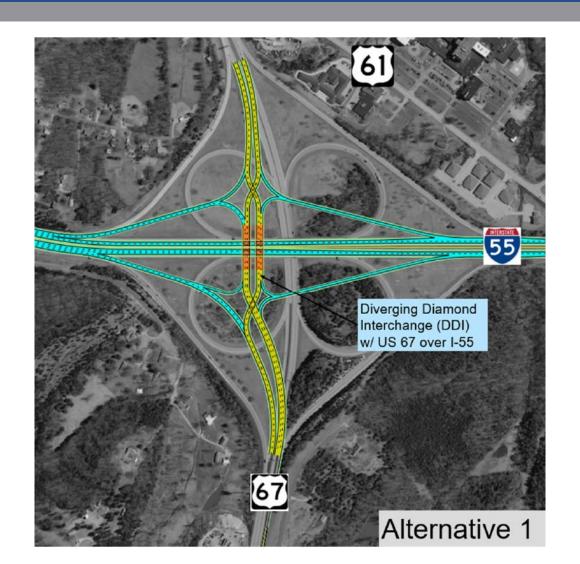


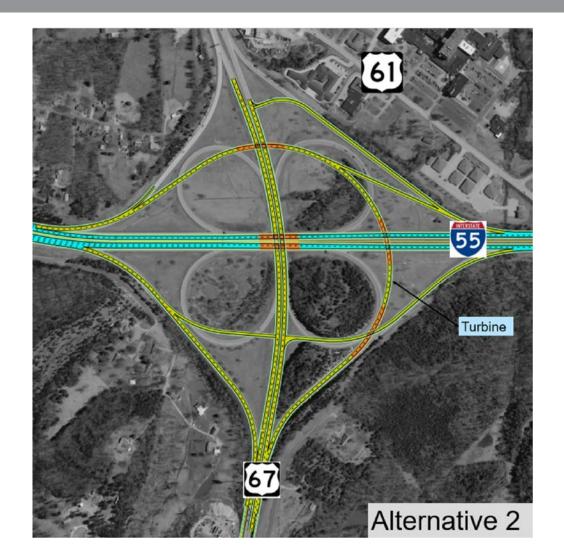
I-55/Route A



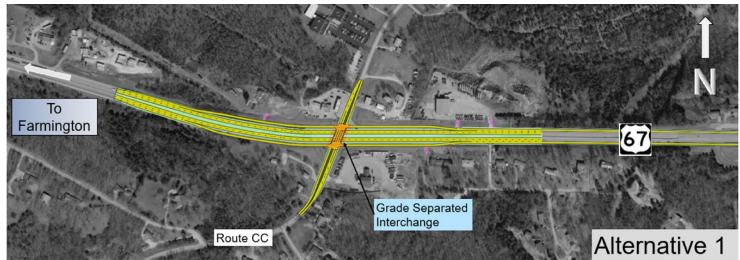


I-55/US 67





US 67/Rt. CC







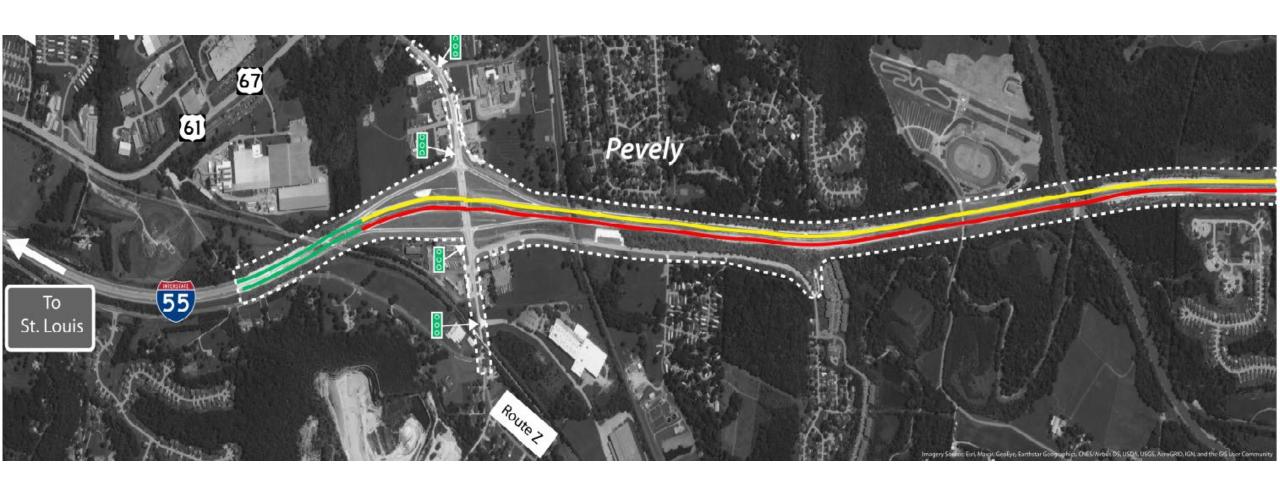
geometrics

RFP

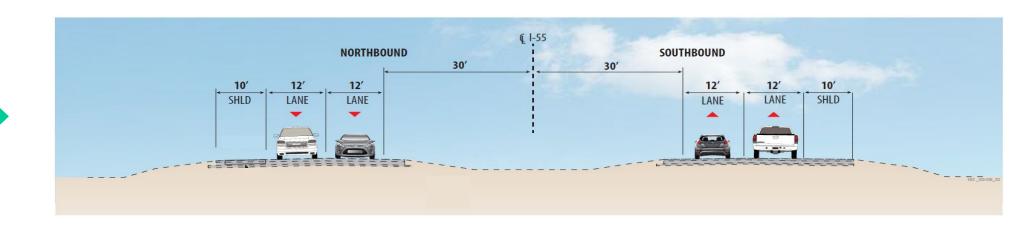




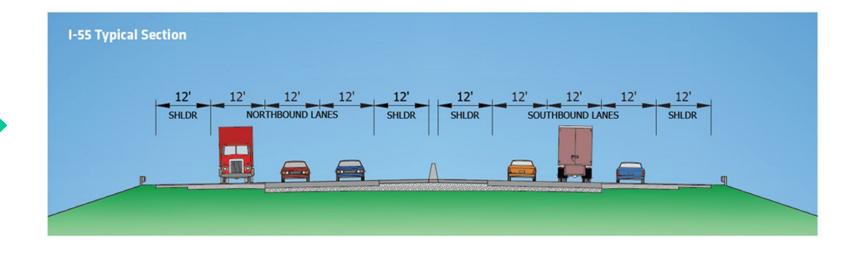
Interchange Improvements vs Third Lane



Existing



Future





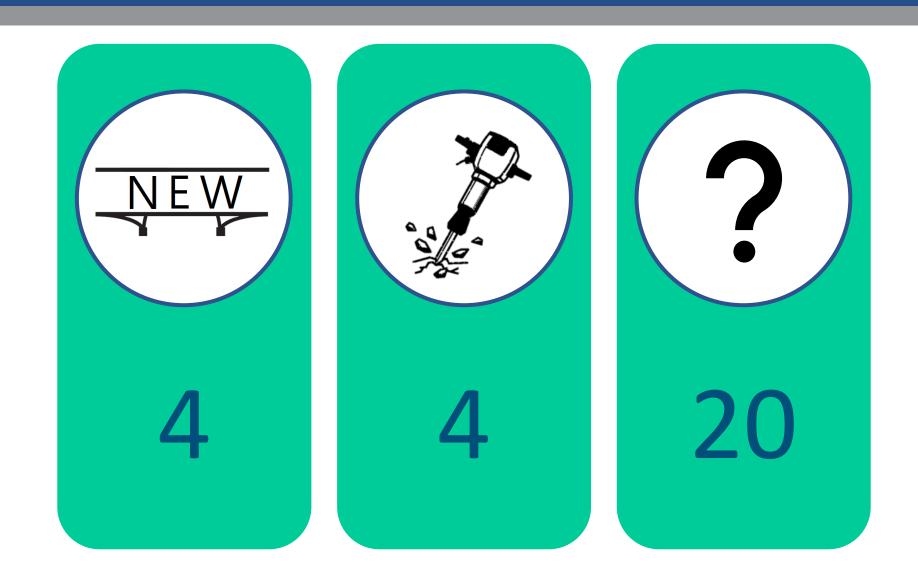
RFP



structures



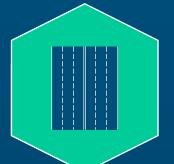
Structures





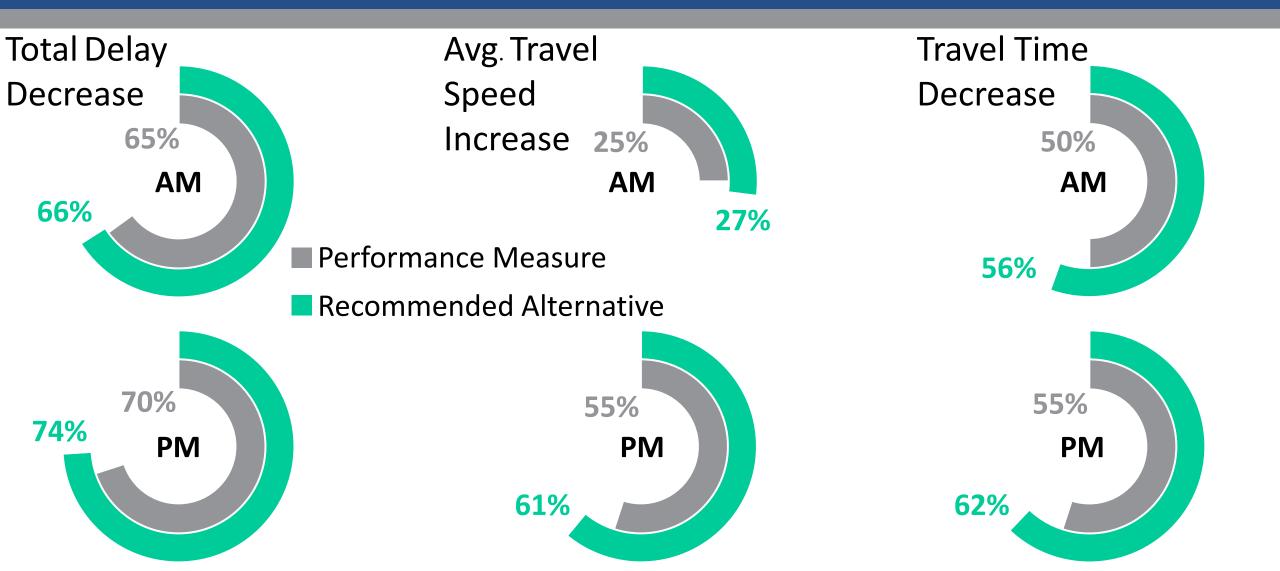
RFP





corridor operations

Corridor Operations Measures



Conclusion

