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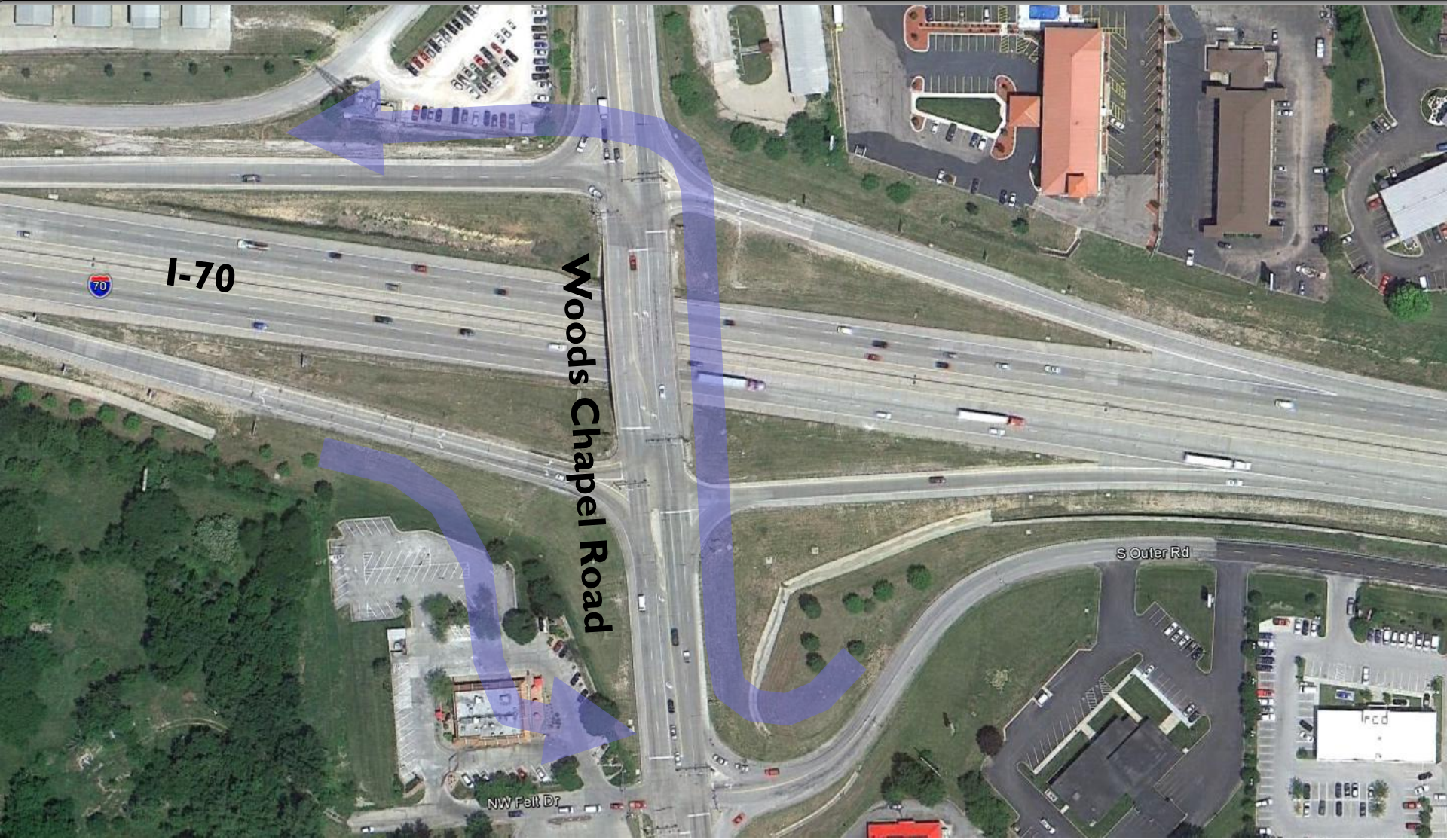
I-70 & Woods Chapel Road DDI Lessons Learned

August 29, 2012

Introduction

- **About the DDI**
- **Lessons Learned**
  - Bridge Re-use
  - Truck Accommodation
  - Pedestrian Accommodation
  - Guide Signing
  - Sight Distance
  - Traffic Signals
  - Maintenance of Traffic

Project Location



DDI Layout



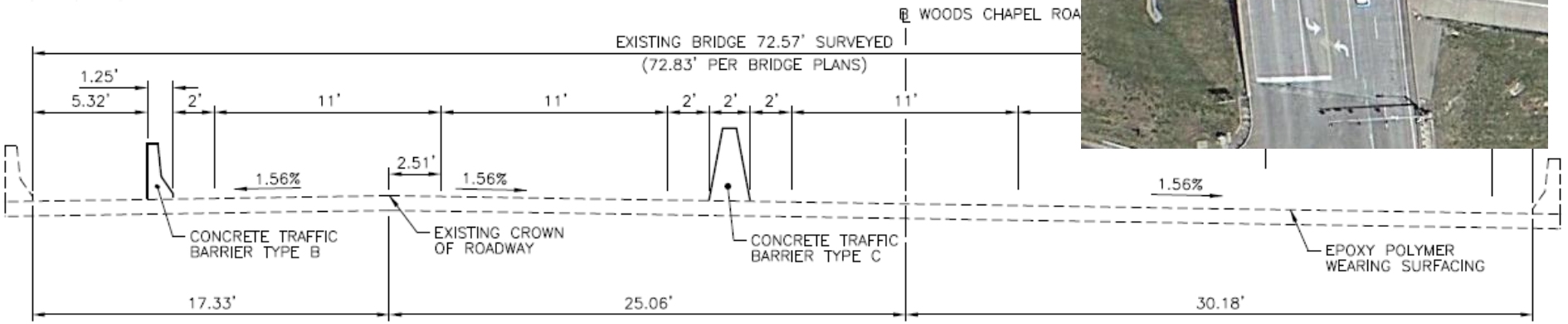
DDI Layout



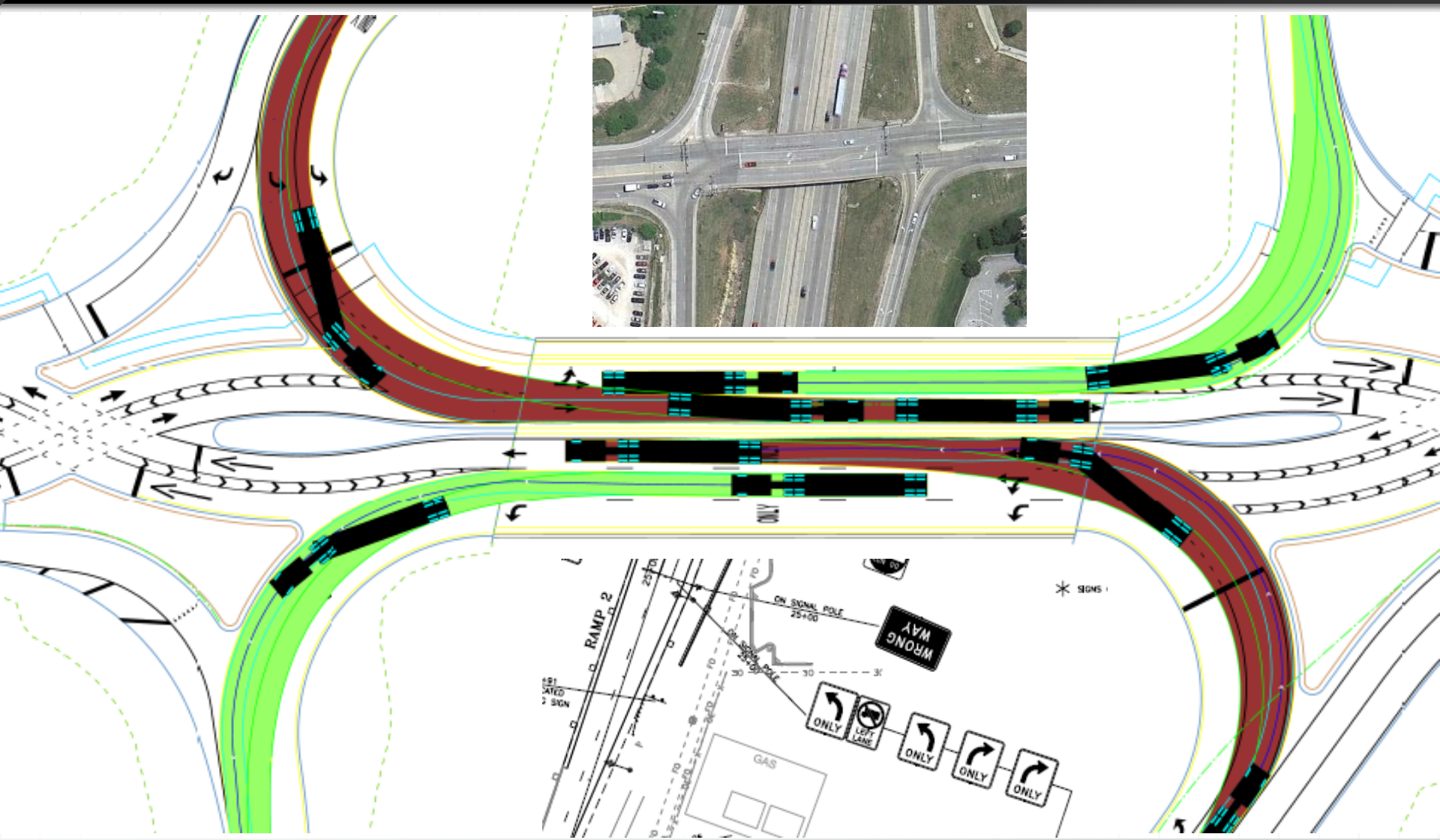
Bridge Layout

- **72.5’ Width**
  - Currently six 11 foot lanes, 3 foot buffer
  - Proposed
    - Five 11 foot lanes
    - Median barrier
    - 5 foot sidewalk

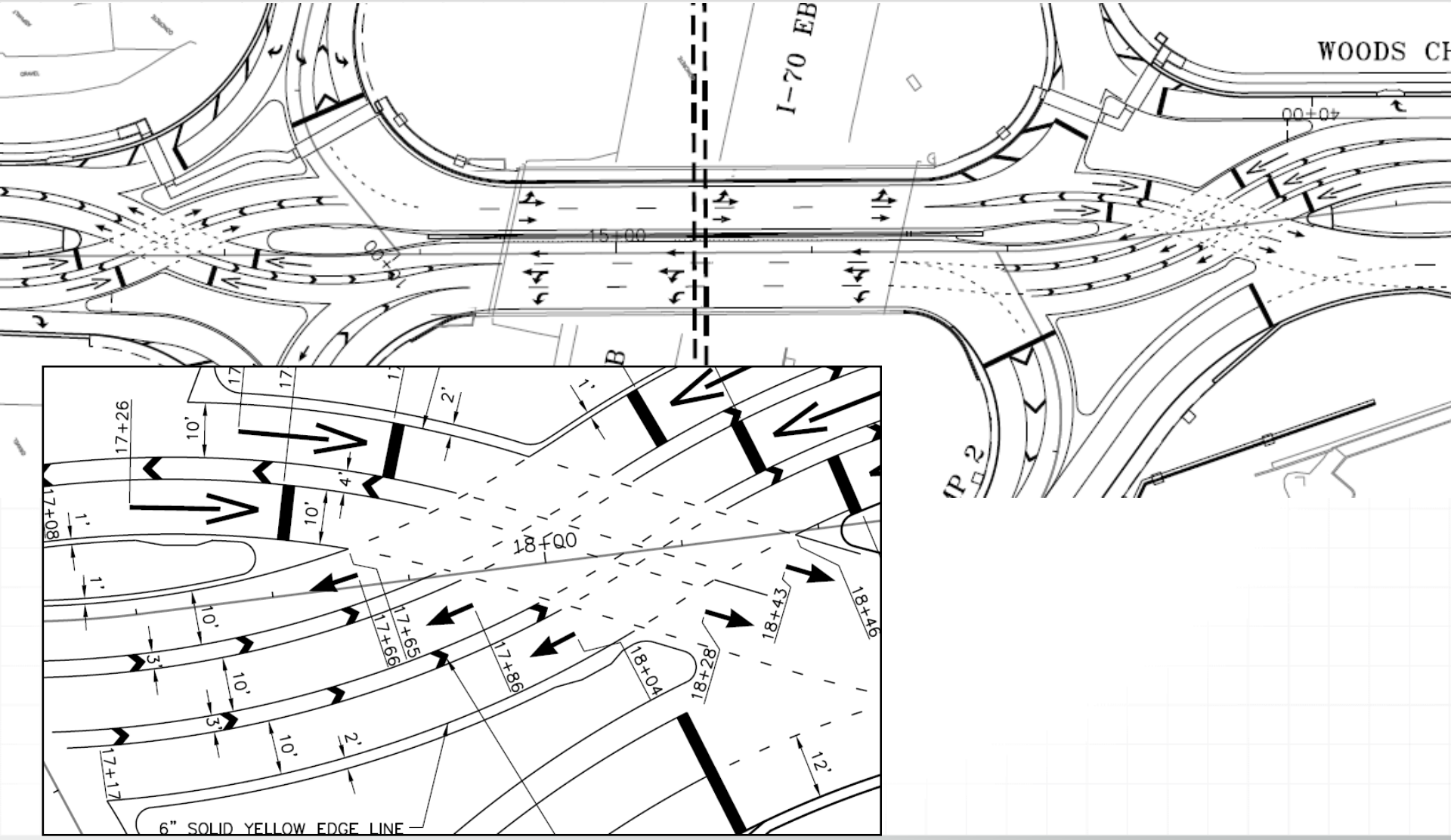




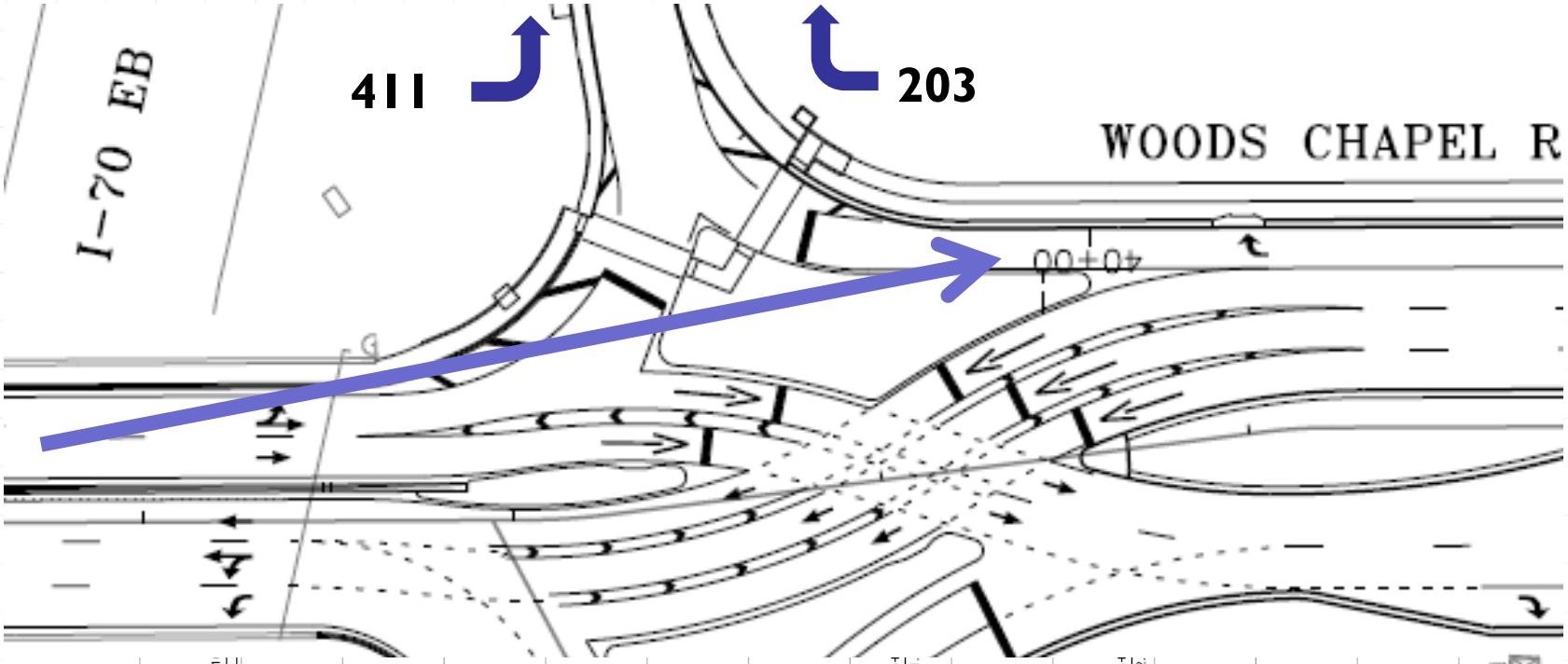
Truck Accommodation

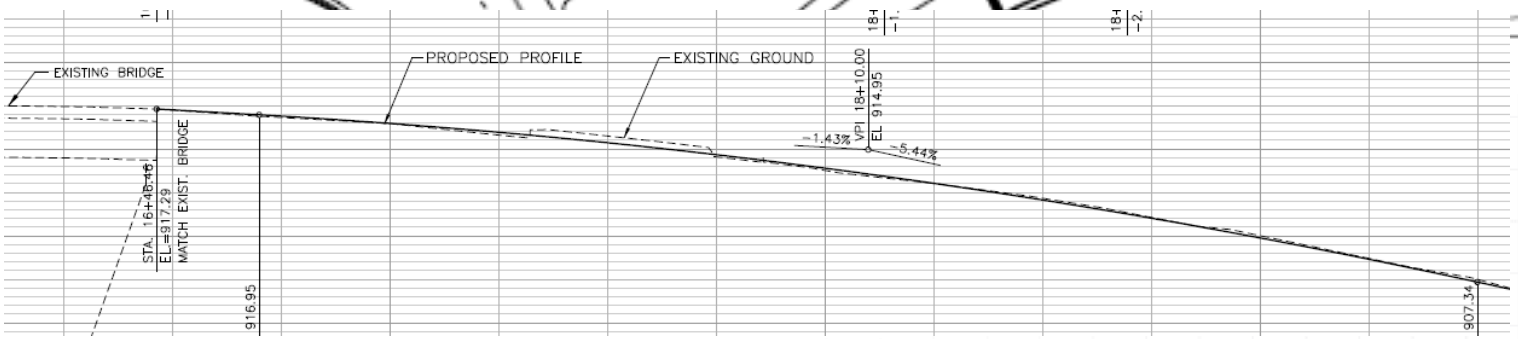


Truck Accommodations – Pavement Markings



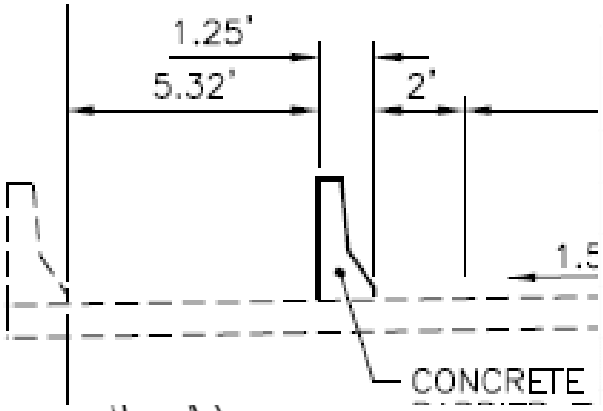
Sight Distance – Southbound Left-Turn

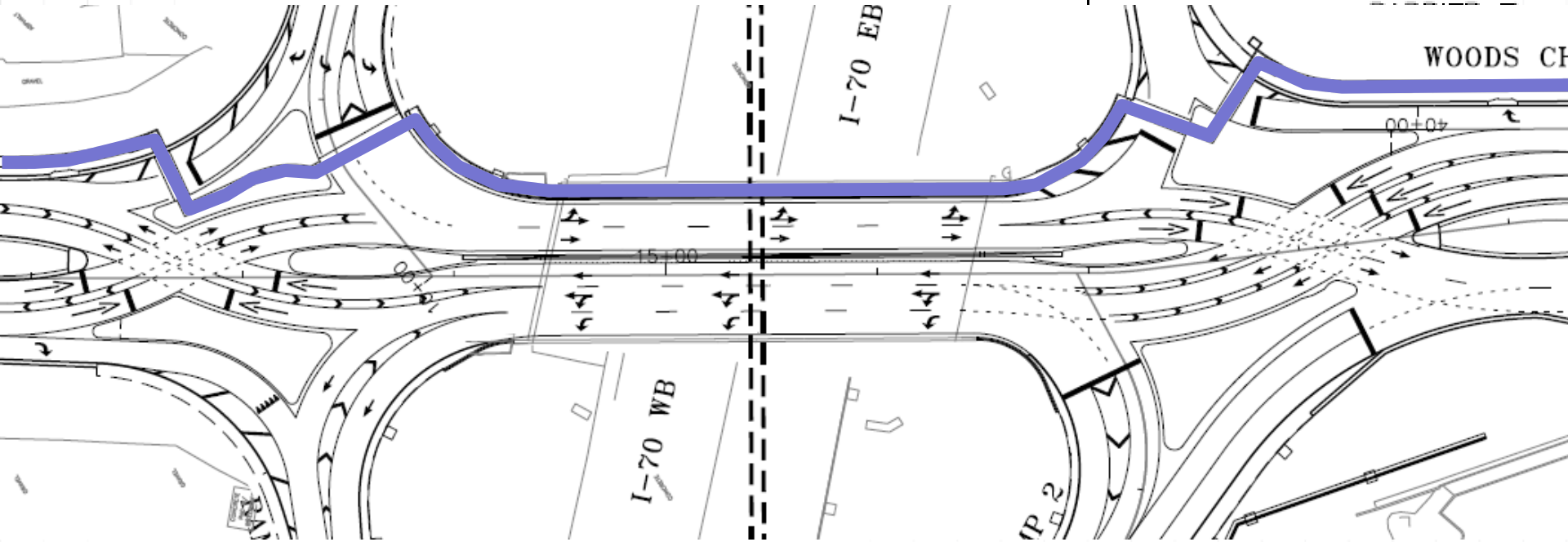




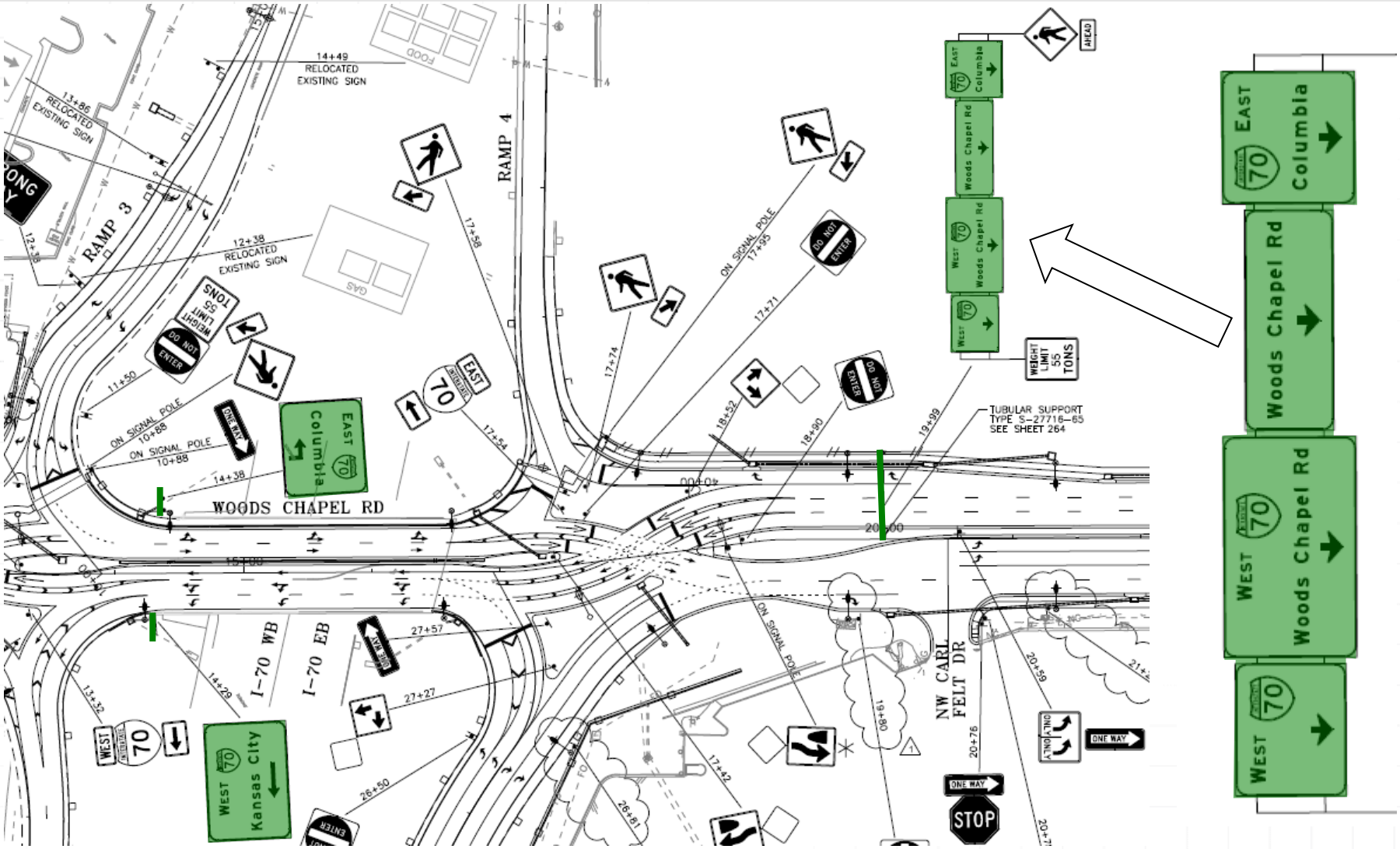
Pedestrian Accommodations

- **Only room for one sidewalk**
  - Narrow – 5 foot width
- **Both crossings are signalized**

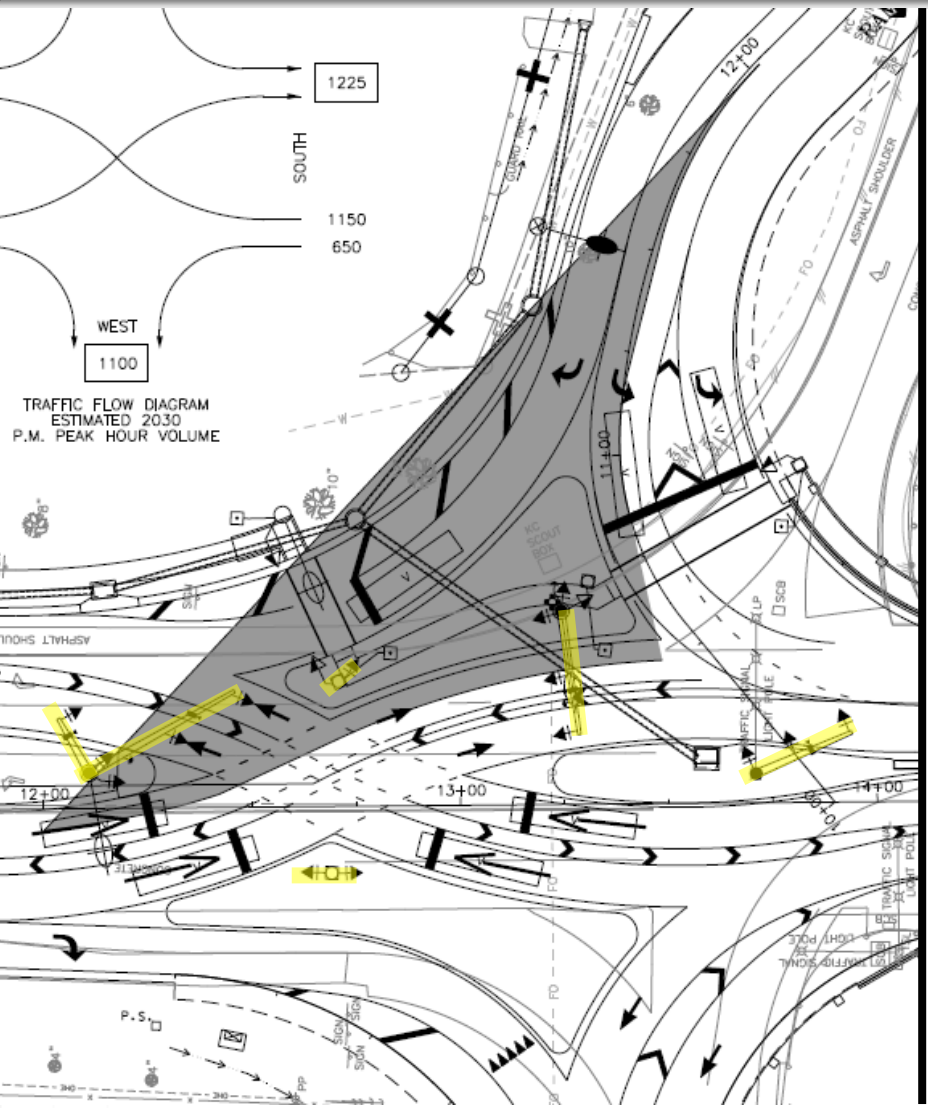


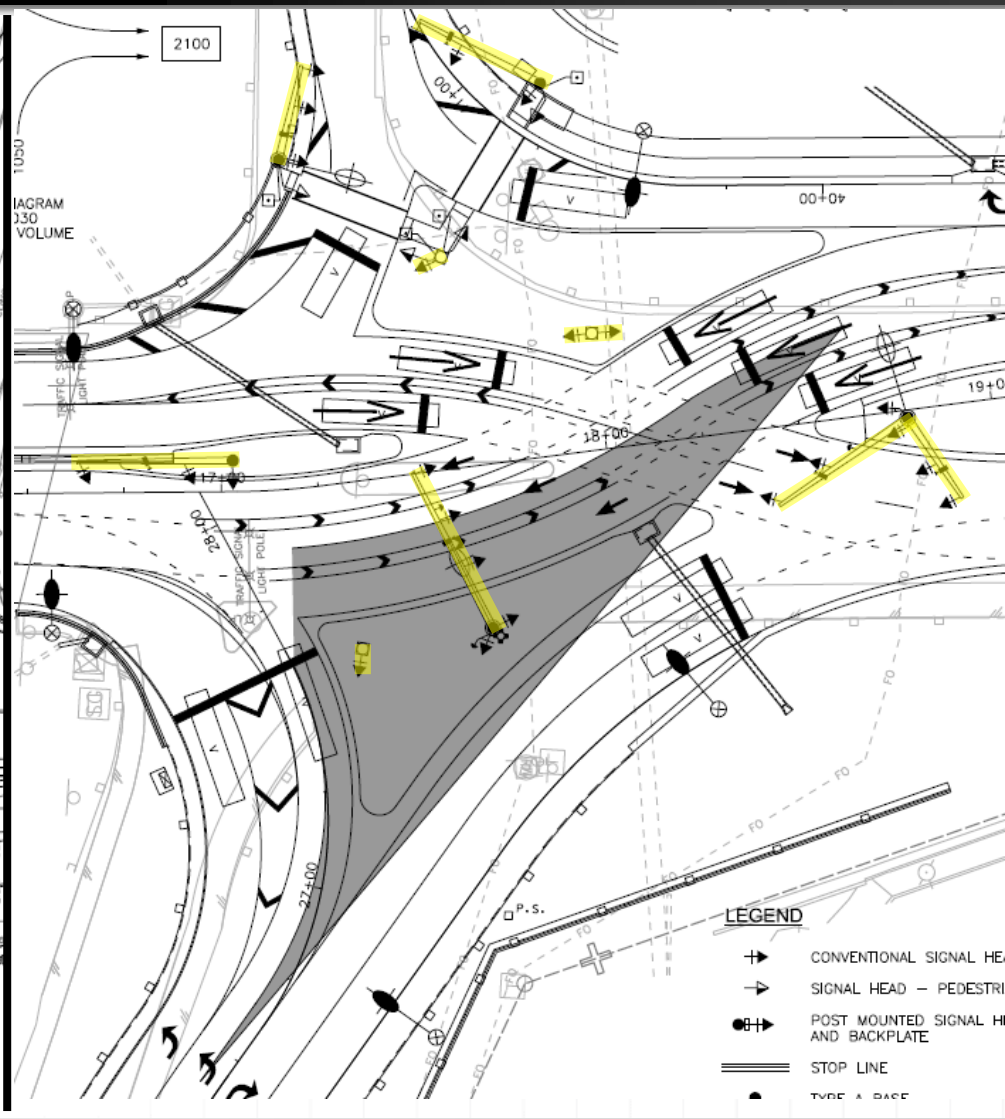


Guide Signing

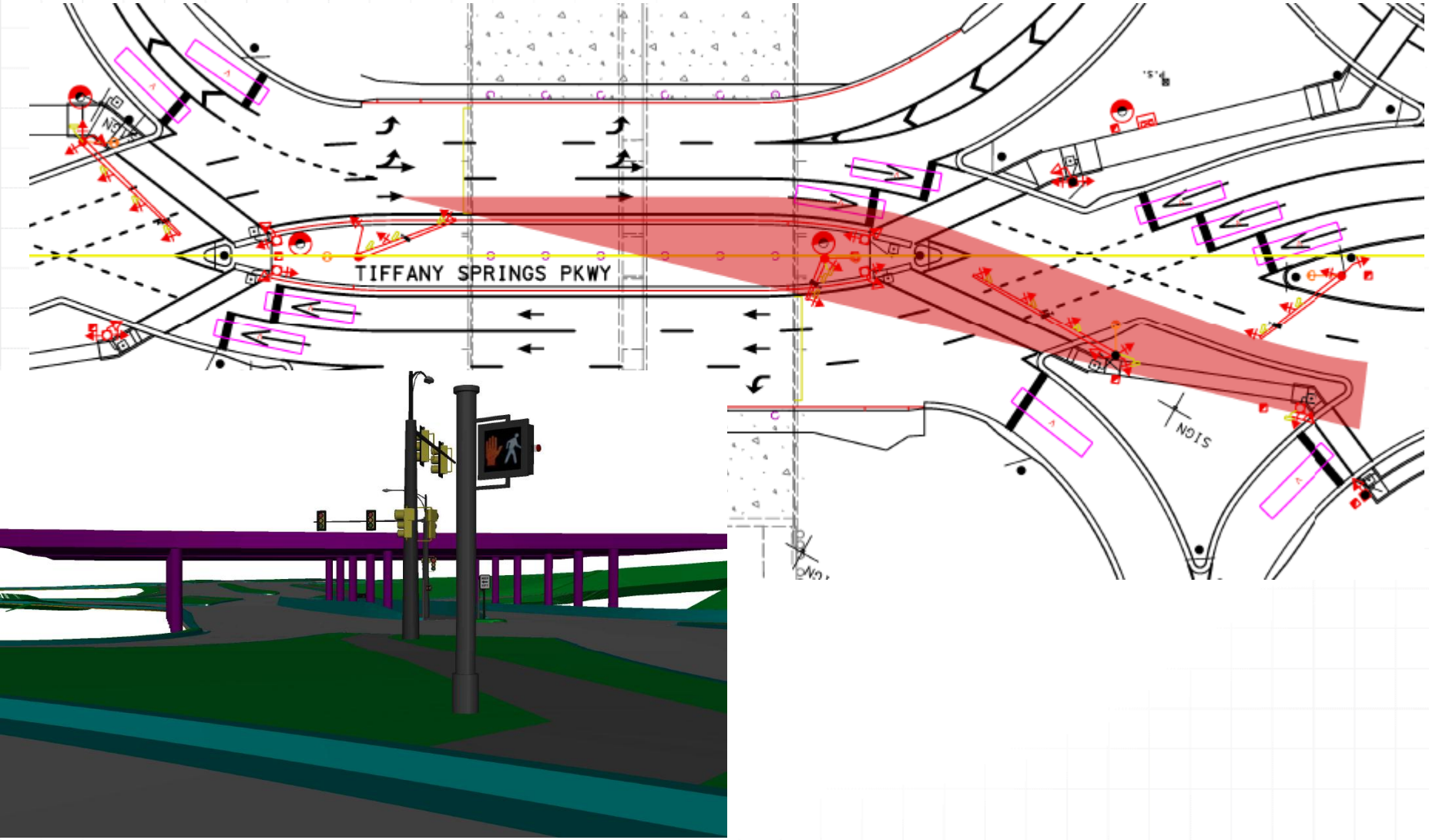


Traffic Signal Design



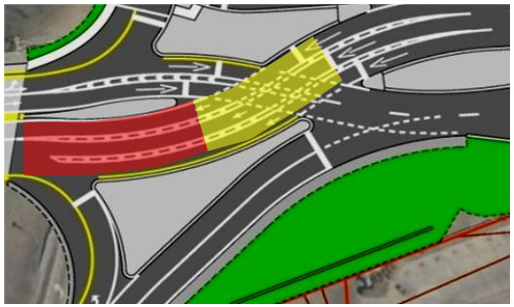


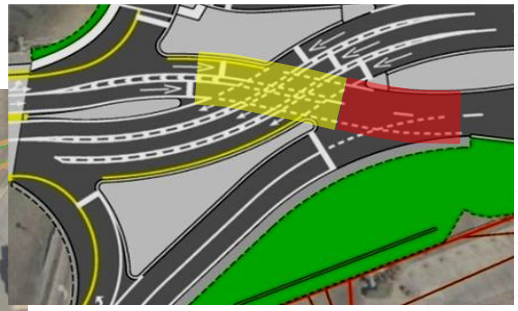
Off-Ramp Right-Turn Operation

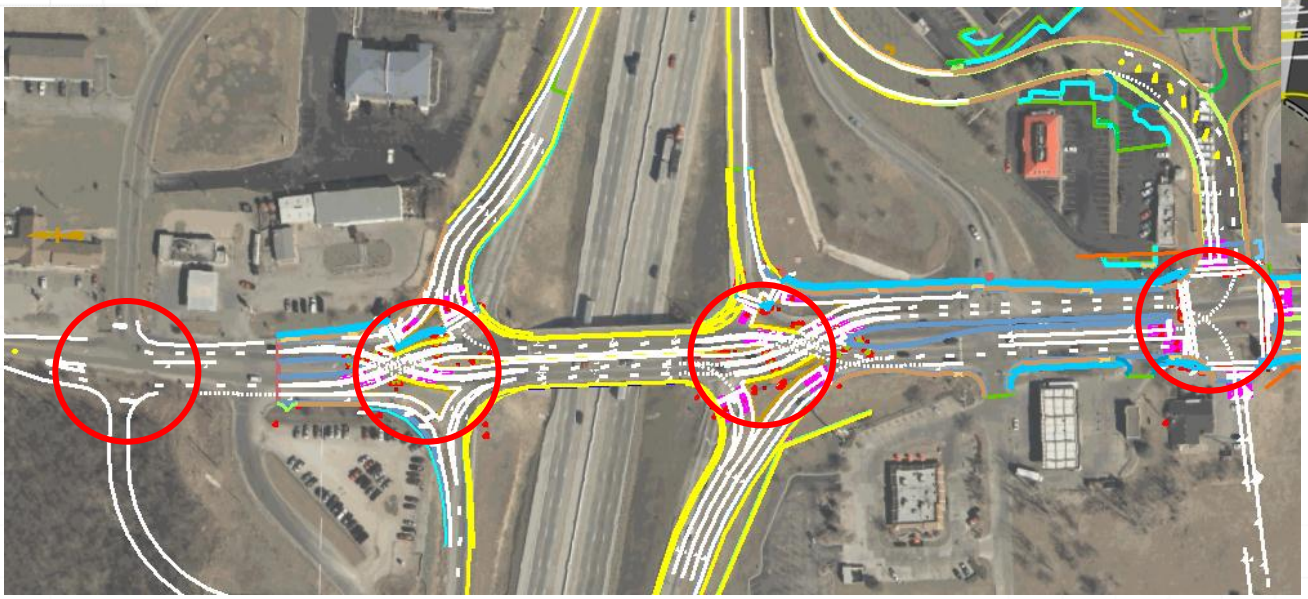


Traffic Signal Operation

- Four Signals - Half Cycle at DDI
- OL Right-Turn Extension





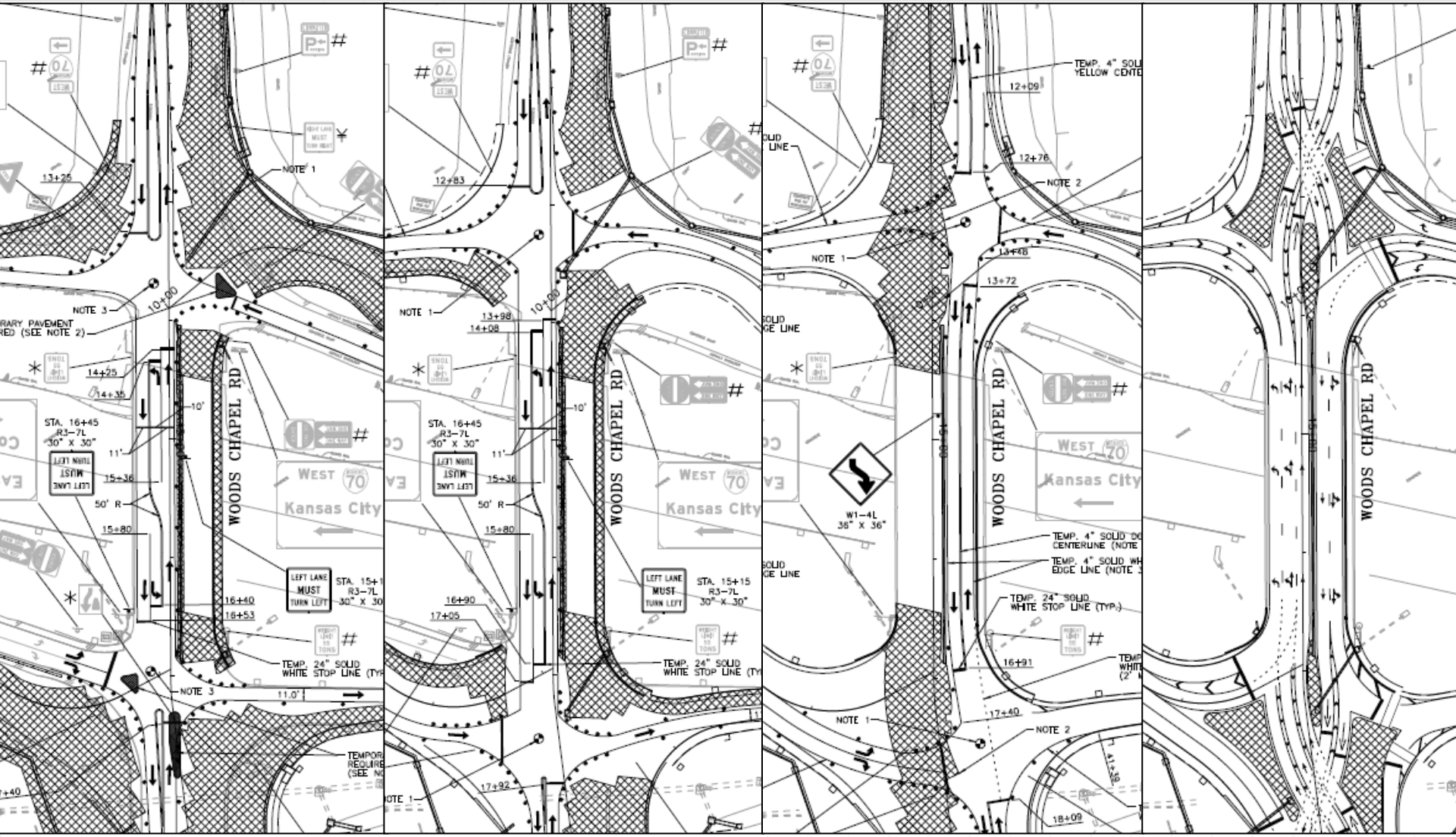


Maintenance of Traffic

- **Concrete Pavement**



Maintenance of Traffic



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Questions?

Thank You…

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