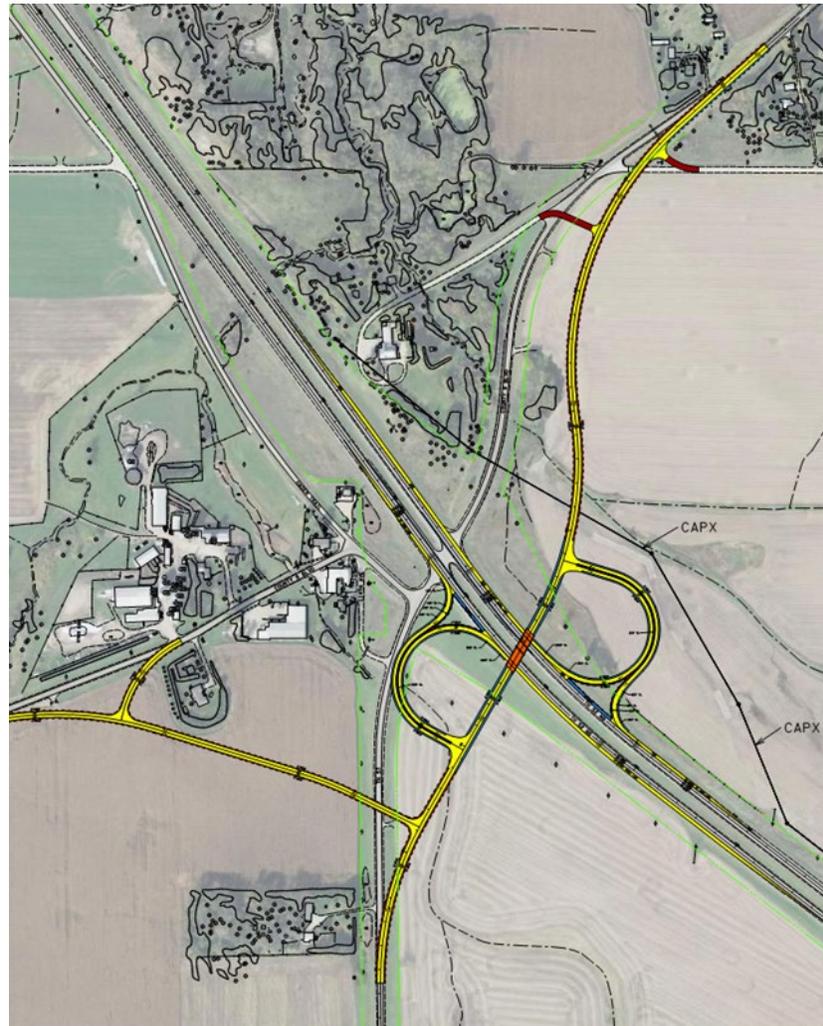
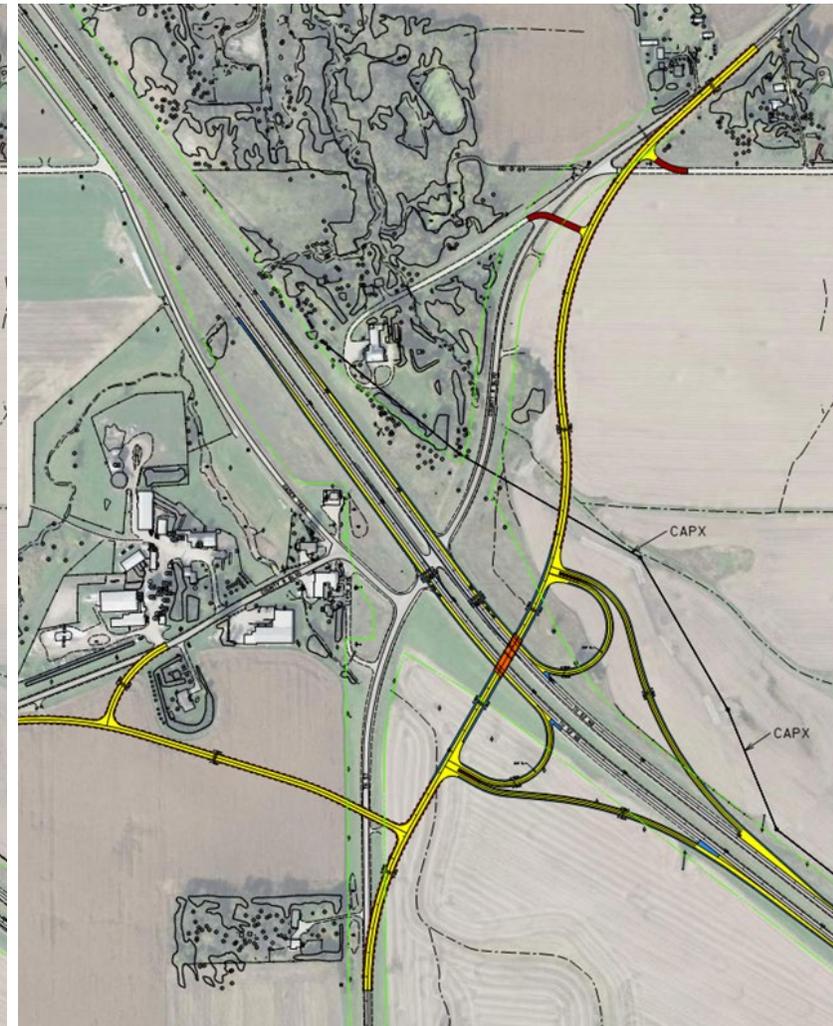


Interchange Concept A
Diamond Interchange



Interchange Concept B
Modified Quadrant Interchange



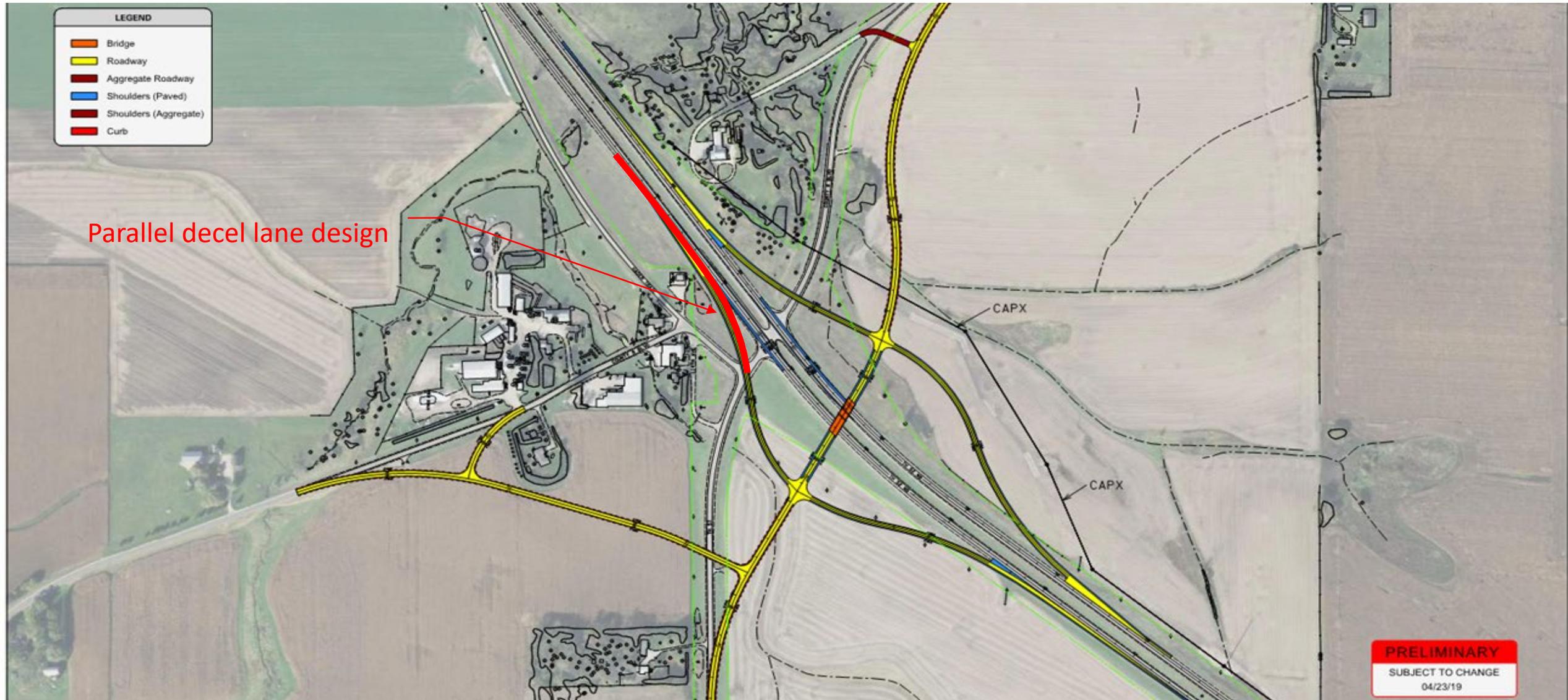
Interchange Concept C
Folded Diamond Interchange



Concept A1 – Diamond Interchange Parallel Deceleration NW ramp

| LEGEND | |
|---|-----------------------|
|  | Bridge |
|  | Roadway |
|  | Aggregate Roadway |
|  | Shoulders (Paved) |
|  | Shoulders (Aggregate) |
|  | Curb |

Parallel decel lane design



PRELIMINARY
SUBJECT TO CHANGE
04/23/19

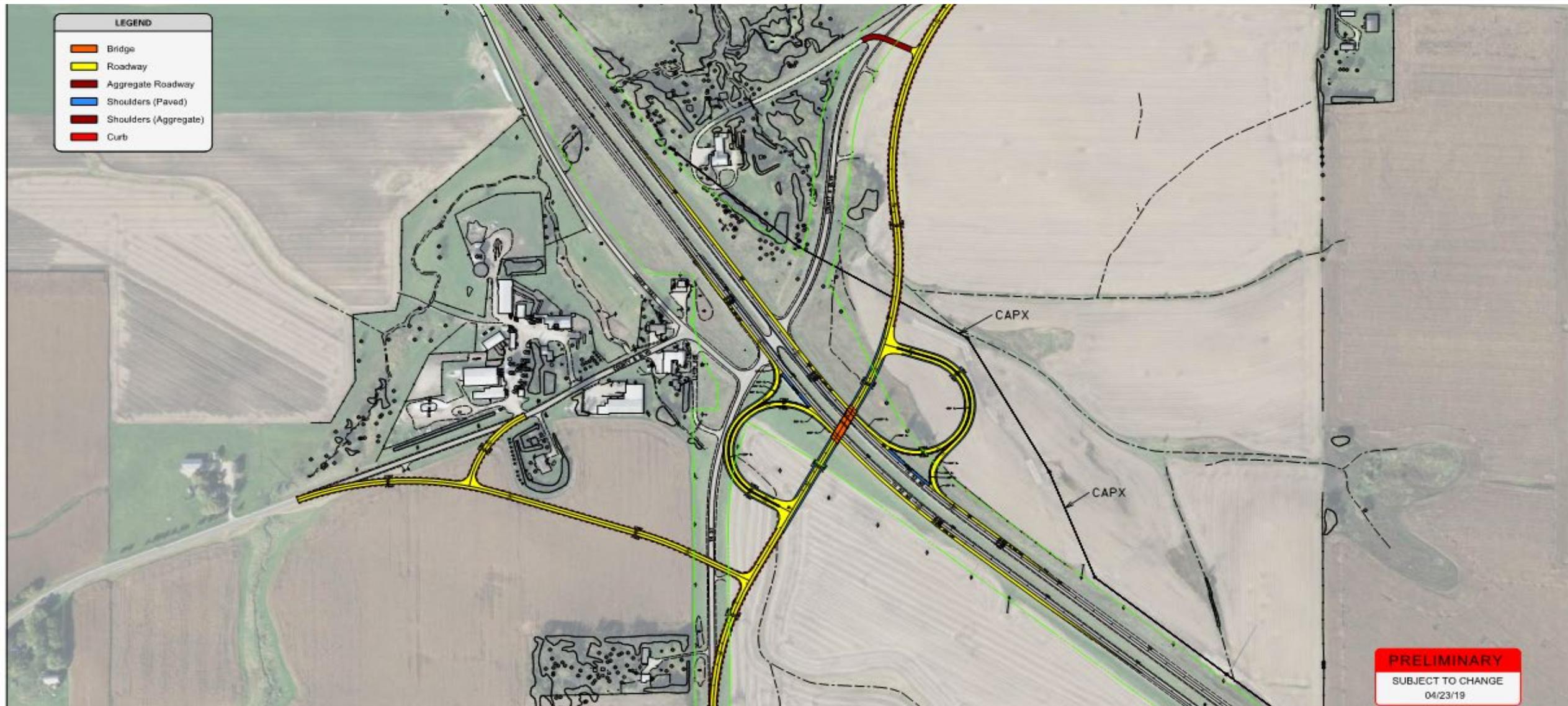
Concept B1 – Modified Quadrant Interchange

Modified exit curves

| LEGEND | |
|---|-----------------------|
|  | Bridge |
|  | Roadway |
|  | Aggregate Roadway |
|  | Shoulders (Paved) |
|  | Shoulders (Aggregate) |
|  | Curb |

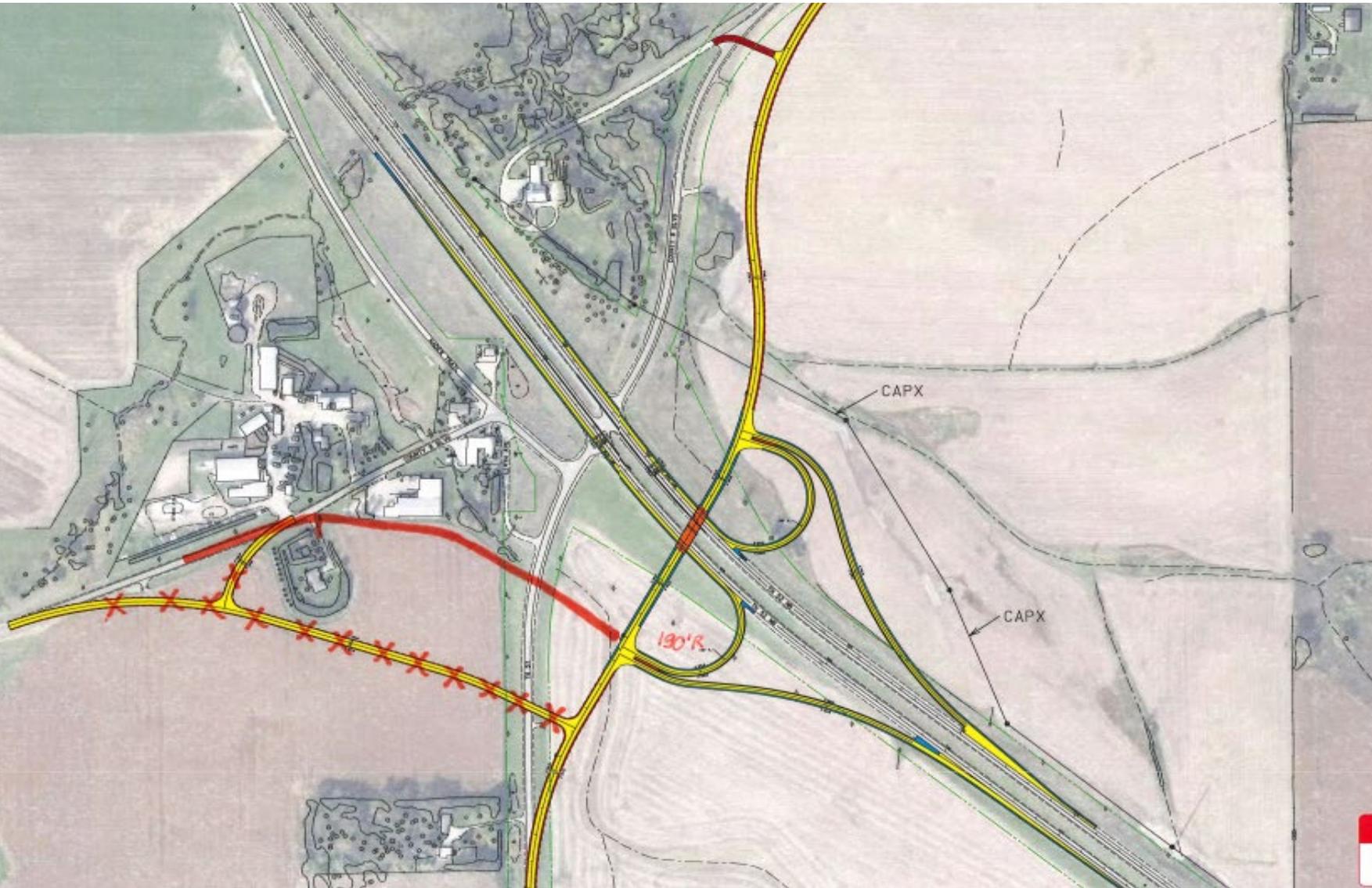


Concept B2 – Modified Quadrant Interchange Regular exit curves and CR8 thru Hader Trail



Concept C1 – Folded Diamond Interchange CR8 at west ramp terminal

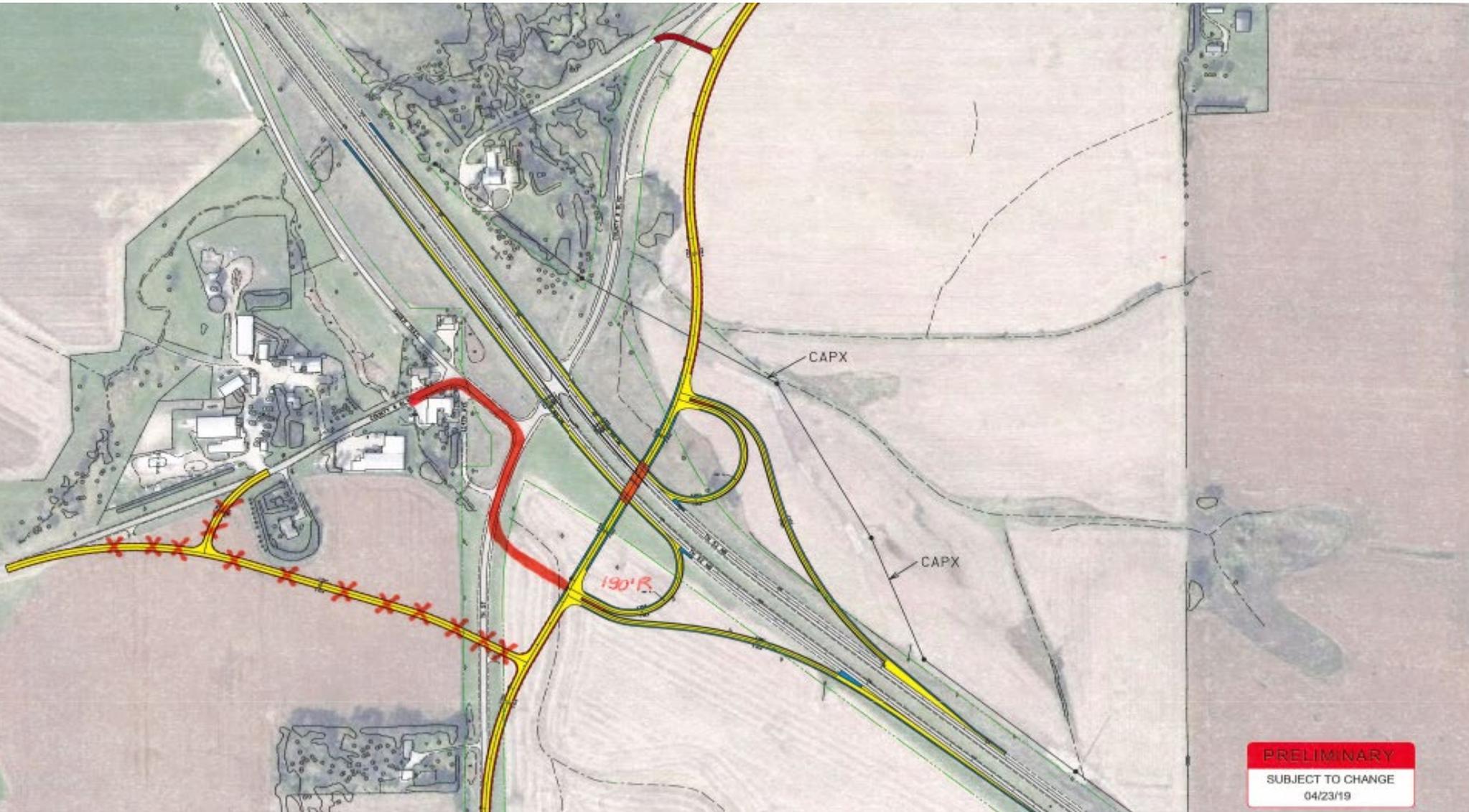
| LEGEND | |
|---|-----------------------|
|  | Bridge |
|  | Roadway |
|  | Aggregate Roadway |
|  | Shoulders (Paved) |
|  | Shoulders (Aggregate) |
|  | Curb |



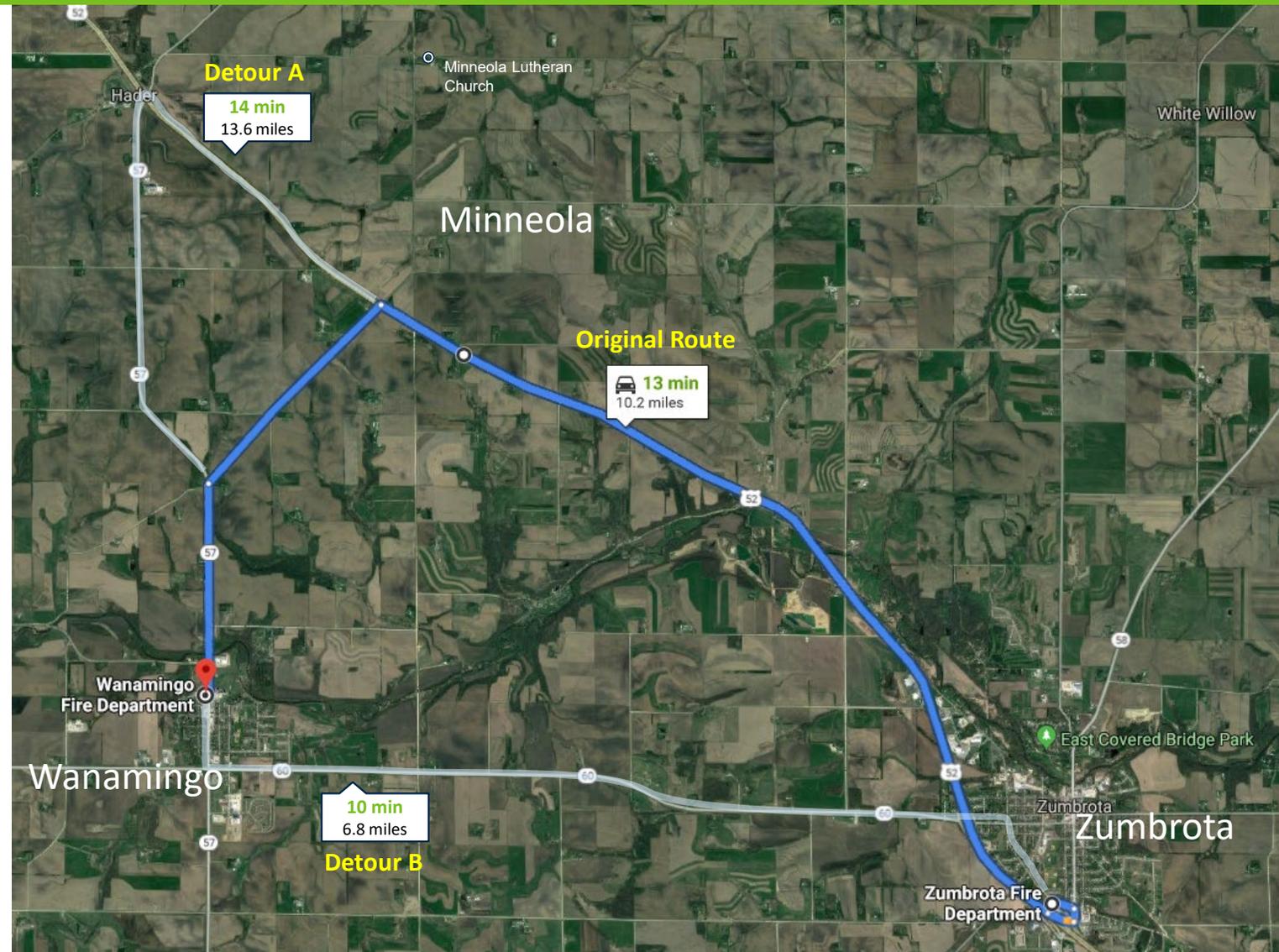
PRELIMINARY
SUBJECT TO CHANGE
04/23/19

Concept C2 – Folded Diamond Interchange CR8 thru Hader Trail

| LEGEND | |
|---|-----------------------|
|  | Bridge |
|  | Roadway |
|  | Aggregate Roadway |
|  | Shoulders (Paved) |
|  | Shoulders (Aggregate) |
|  | Curb |



PRELIMINARY
SUBJECT TO CHANGE
04/23/19



| TH52 Route Comparisons (One Way Trips) | | | Original Route | Detour A | Detour B |
|---|-----------------------|---------|----------------|--------------|-------------------|
| | | | TH52 to CR50 | TH52 to TH57 | Jefferson to TH60 |
| Route | Zumbrota to Wanamingo | Miles | 10.2 | 13.6 | 6.8 |
| | | Minutes | 13 | 14 | 10 |
| Difference in Original and Detour Routes | | Miles | | 3.4 | -3.4 |
| | | Minutes | | 1 | -3 |



ALTERNATIVE A



ALTERNATIVE B



ALTERNATIVE C