



# City Council Presentation

Corridor Study and Intersection Design

1000 North / 200 West

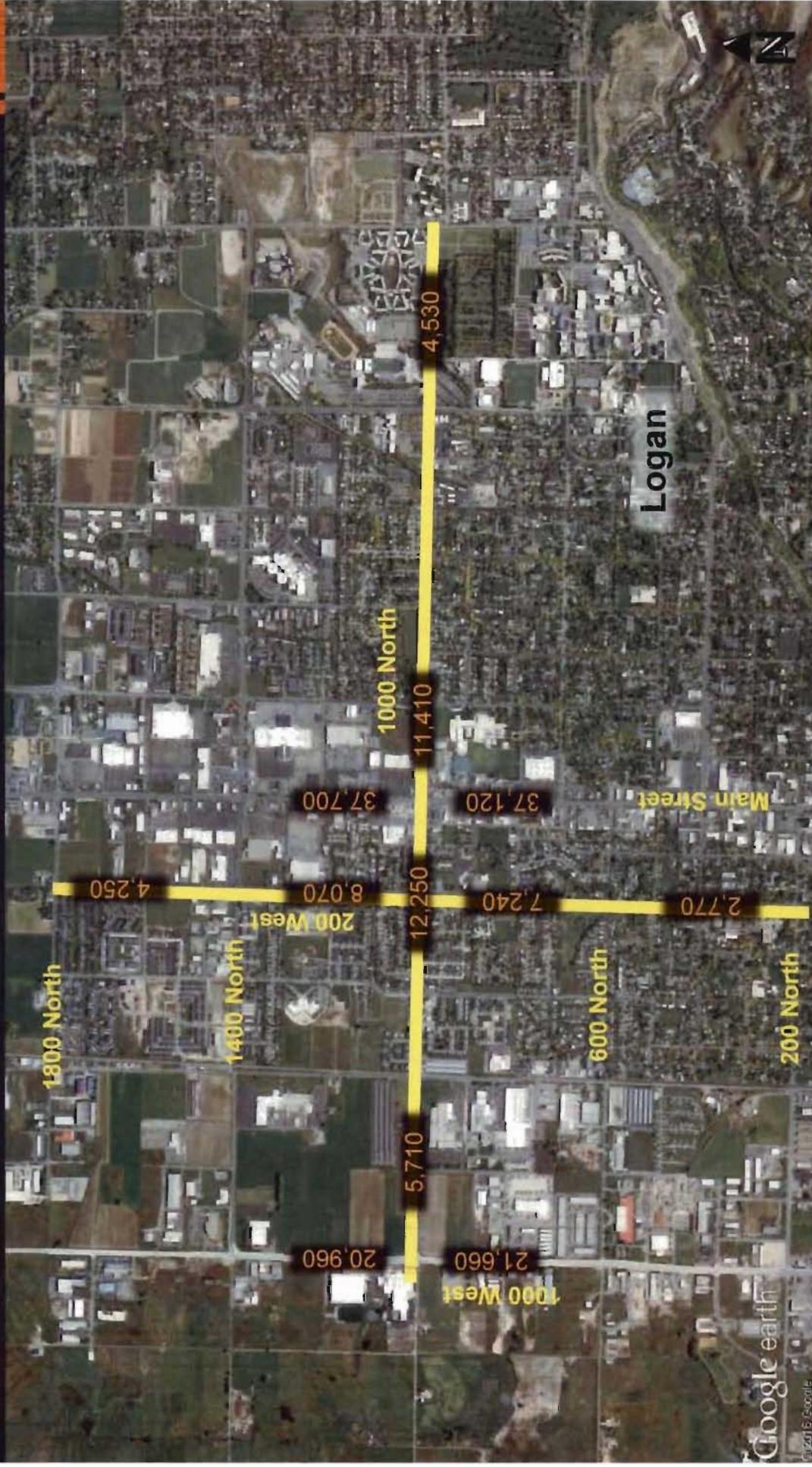
Logan, UT

September 20, 2016



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# Existing 2016 ADT



Google earth  
© 2016 Google



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# Future 2040 ADT – Base Model



Google earth  
© 2015 Google



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**Slide 3**

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**Ec17**

Can we emphasize the 200 West and 1000 North traffic somehow as this graphic is more complicated than the previous one.  
Kyle Comer, 9/14/2016

Ec18

# Lane Imbalance Concept

## 7000 South – West Jordan, Utah



**Slide 4**

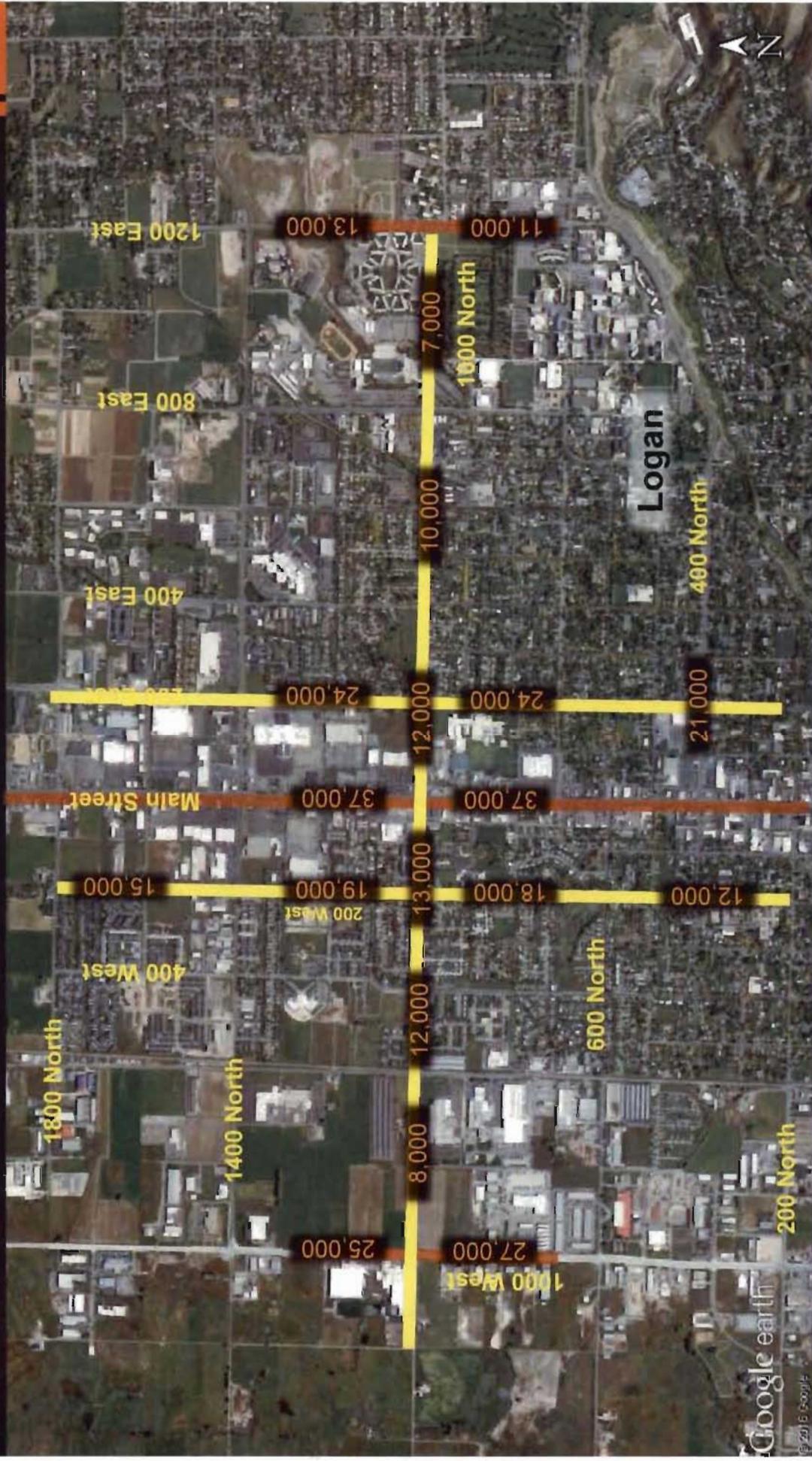
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**Ec18**

Can we add a slide ahead of this that shows a graphical representation of the TMP corridors to ground them in where 5 lane corridors were recommended. this will then help set the stage better for this slide and the lane imbalance concept.

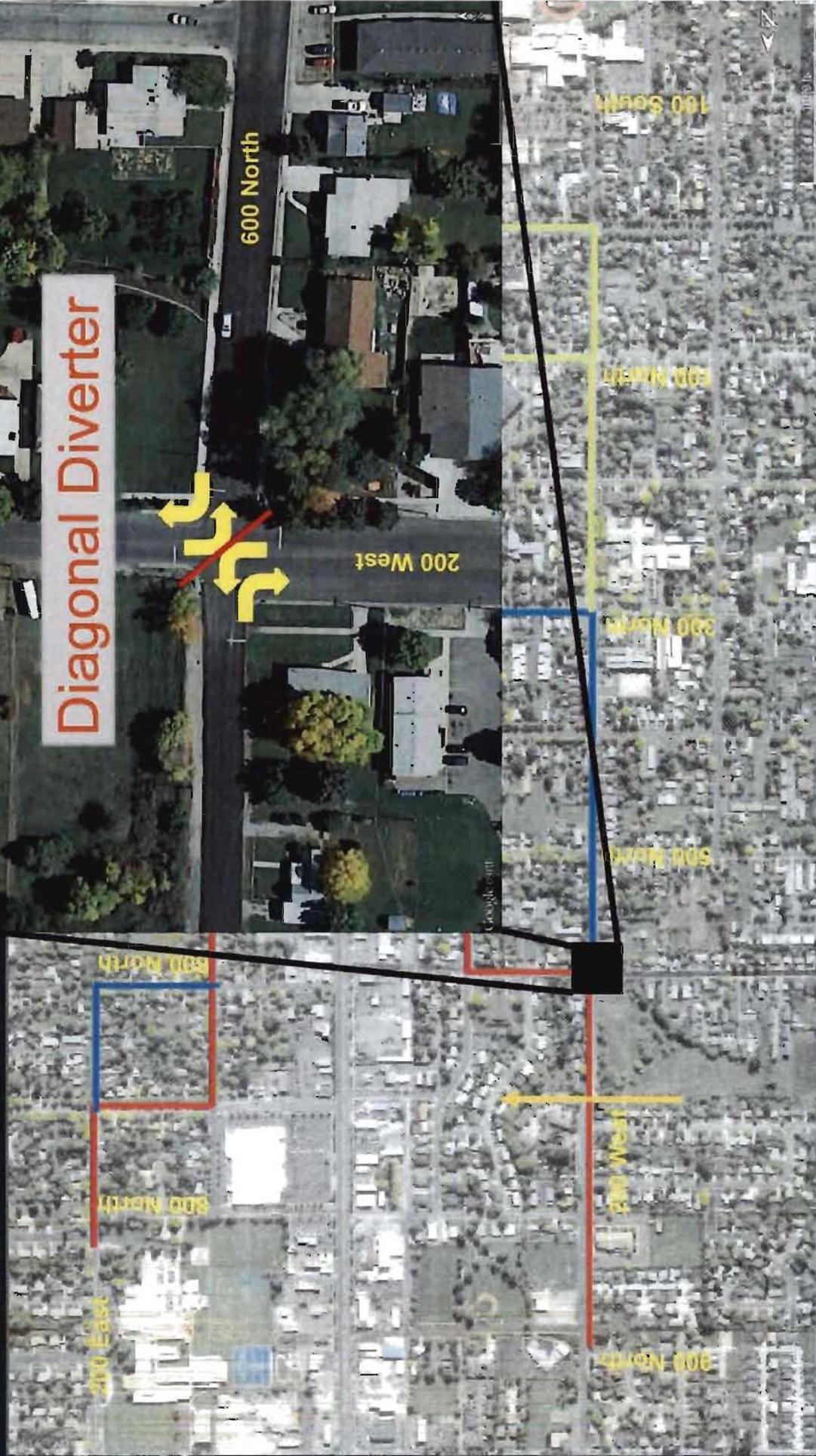
Kyle Comer, 9/14/2016

# Future 2040 ADT – Lane Imbalance Concept



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# Potential Crossover Points (100E – 200E) & (200W-100W)



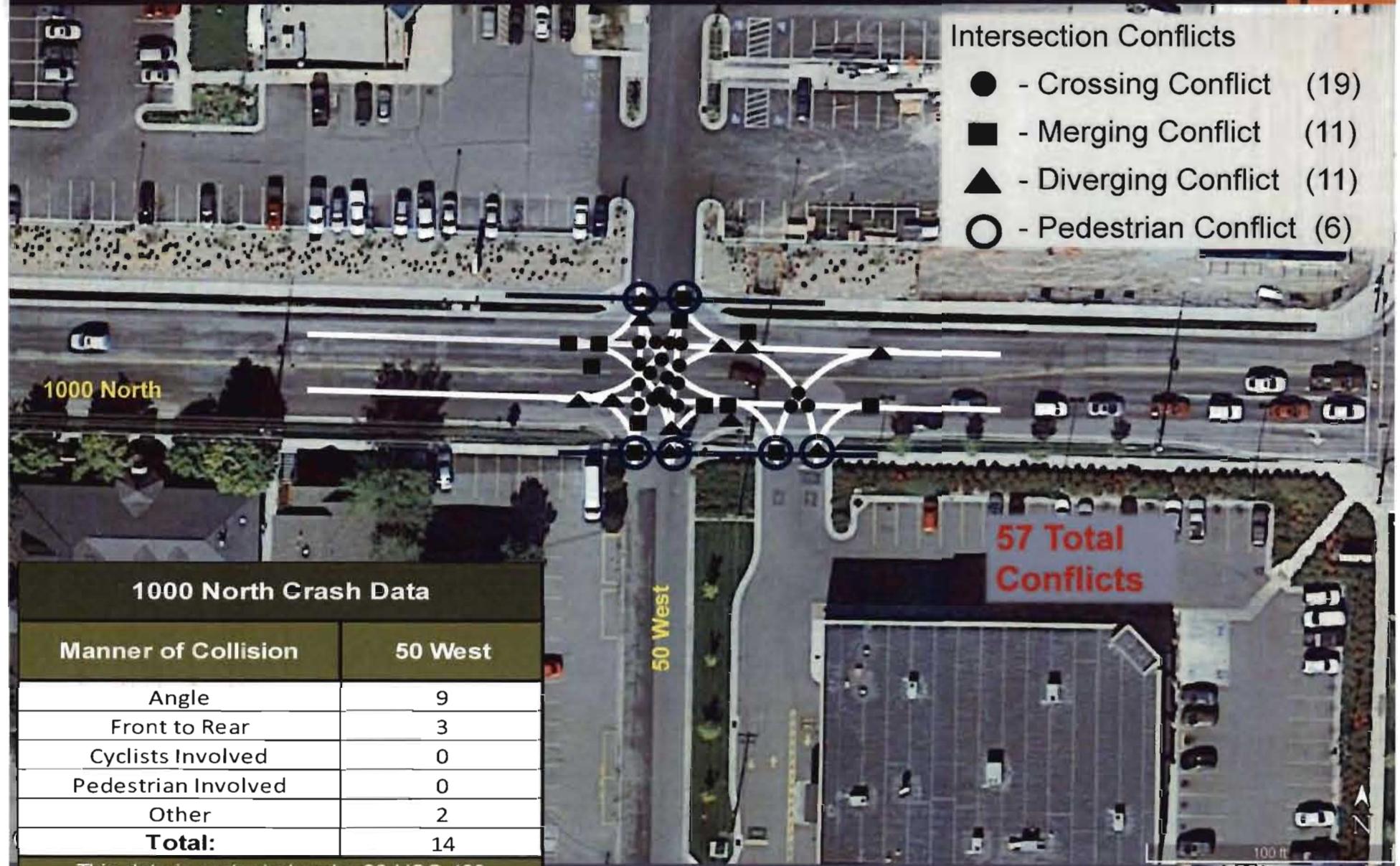
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# Diagonal Diverter



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# Existing Traffic Conflicts – 1000 North / 50 West

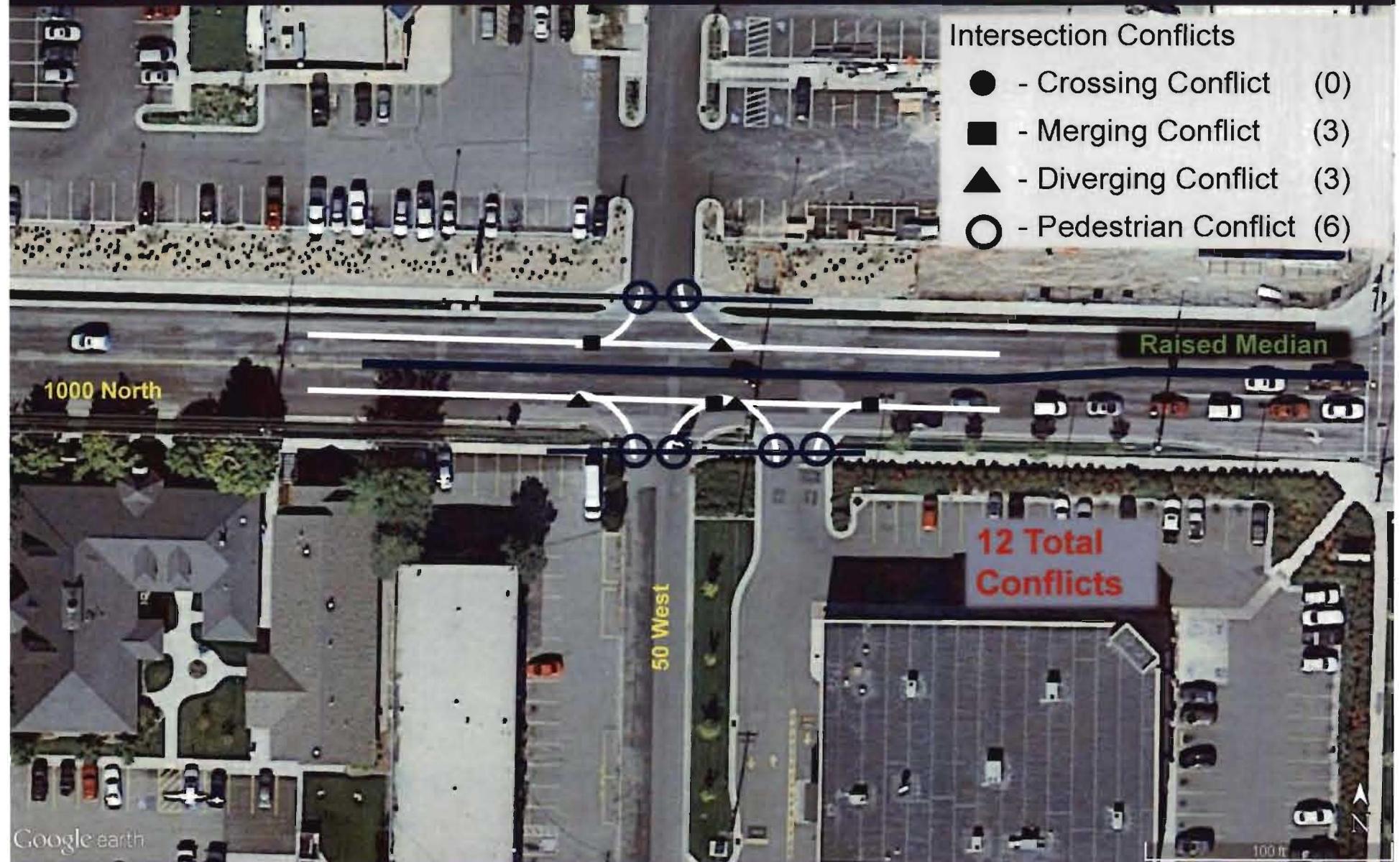


- Intersection Conflicts
- - Crossing Conflict (19)
  - - Merging Conflict (11)
  - ▲ - Diverging Conflict (11)
  - - Pedestrian Conflict (6)

1000 North Crash Data	
Manner of Collision	50 West
Angle	9
Front to Rear	3
Cyclists Involved	0
Pedestrian Involved	0
Other	2
<b>Total:</b>	<b>14</b>

This data is protected under 23 USC 409  
 Source: UDOT, Jan. 1, 2010 through June 30, 2016

# Raised Median Traffic Conflicts – 1000 North / 50 West



# Potential Improvement Alternatives – 50 West

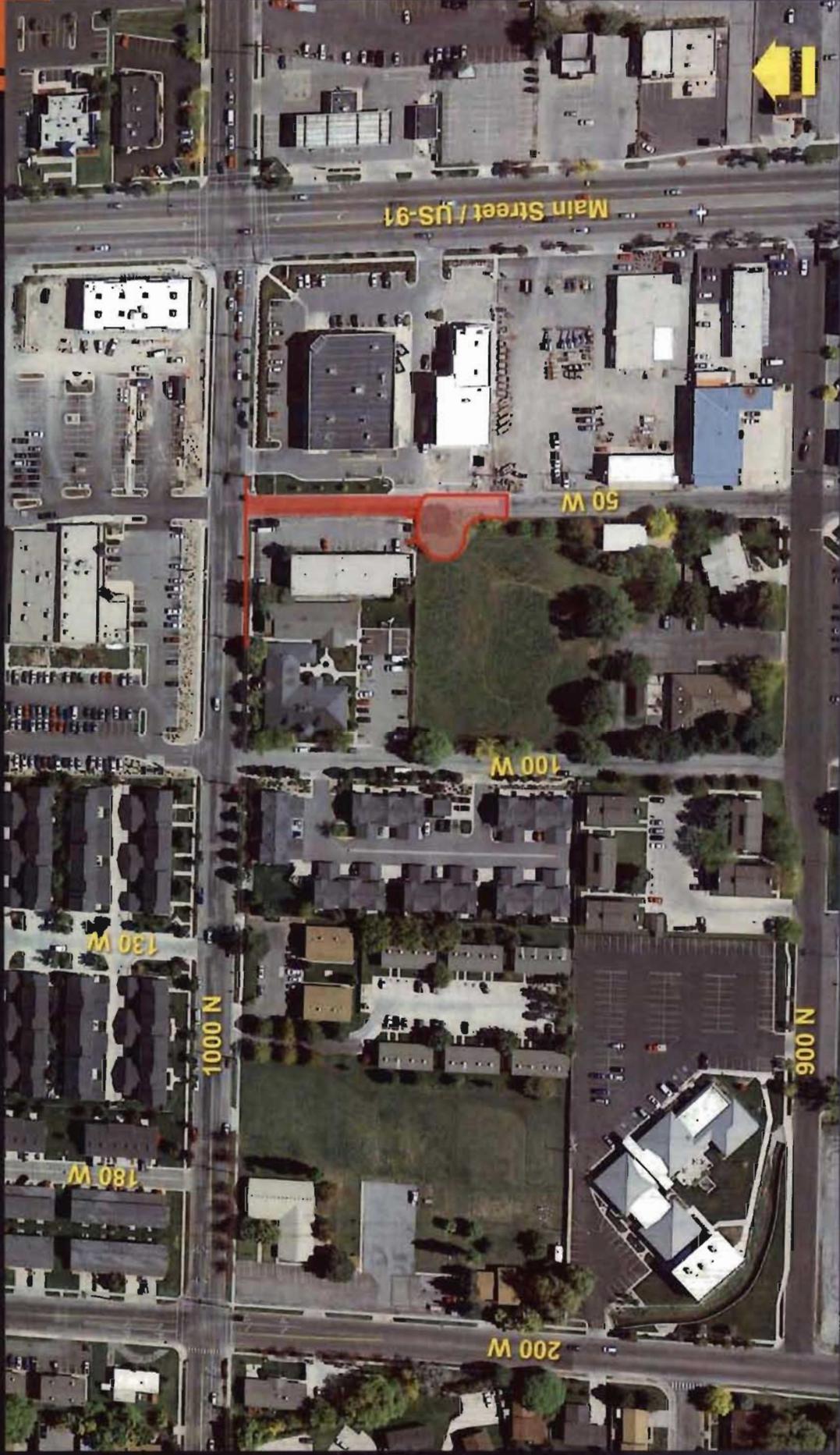
- Closure of 50 West
- Right in Right Out – Various options
  - Raised Island
- 50 West – One Way Only

# Closure Option #1 – 50 West/1000 North



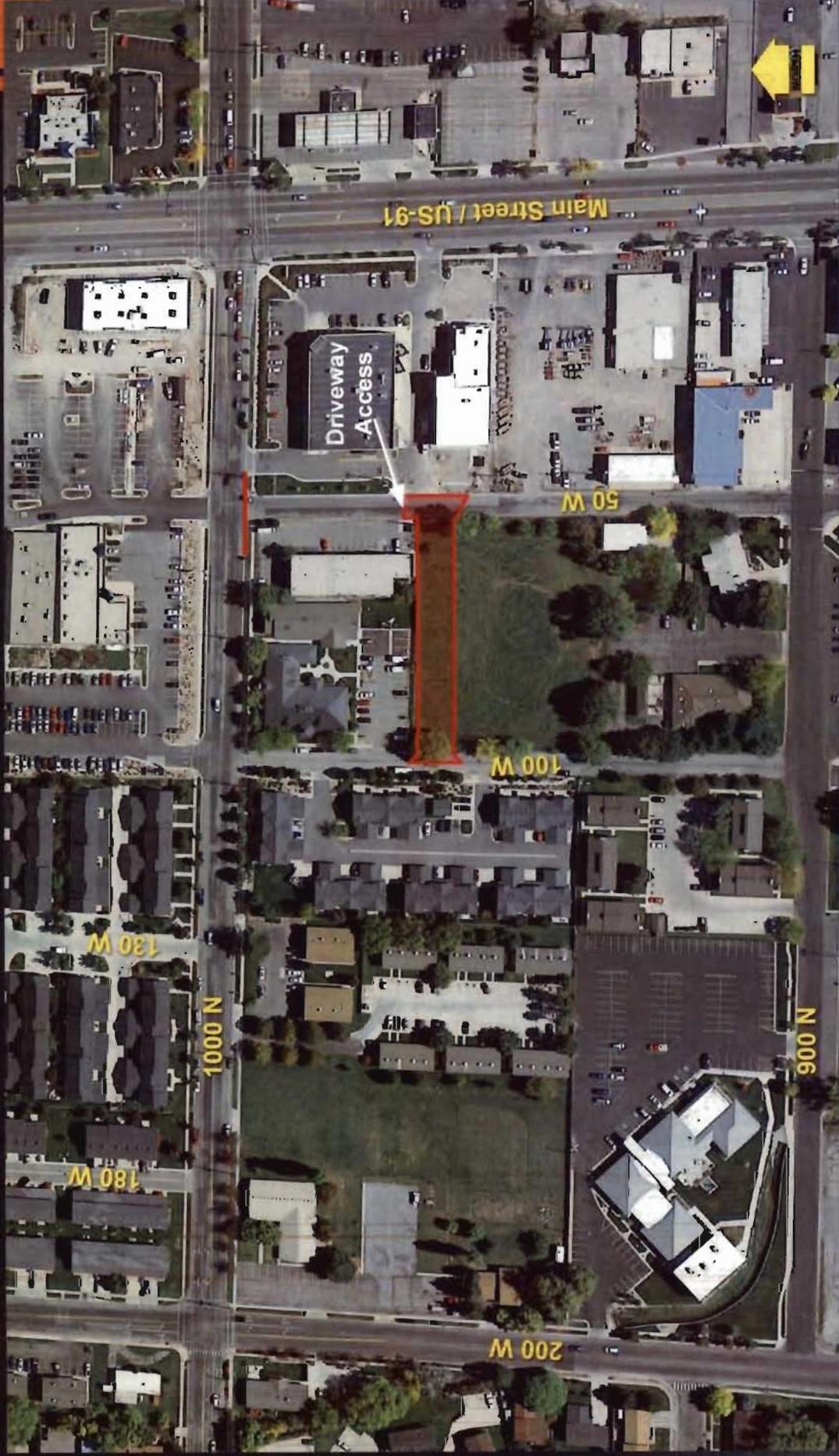
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# Closure Option #2 – 50 West/1000 North



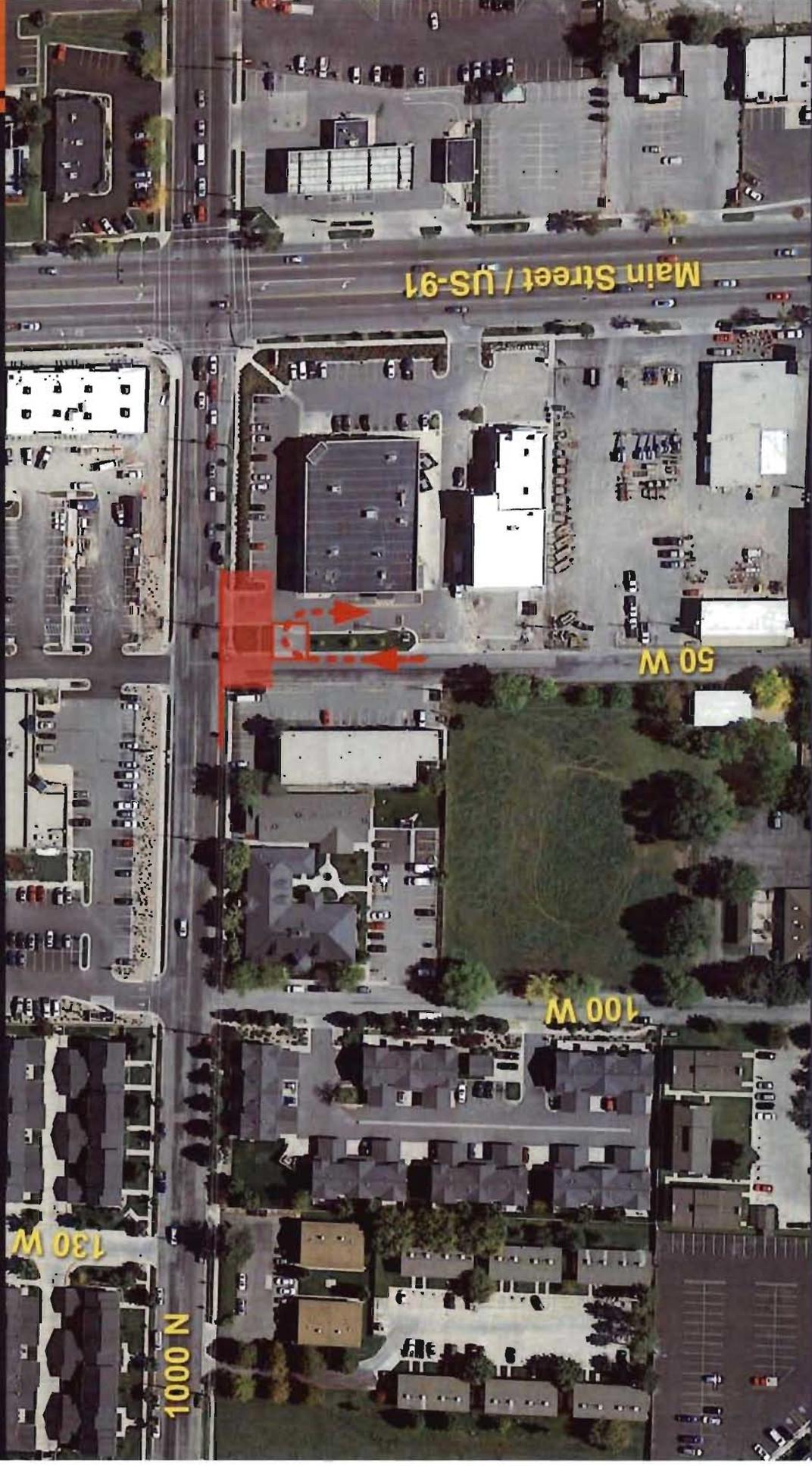
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# Closure Option #3 – 50 West/1000 North



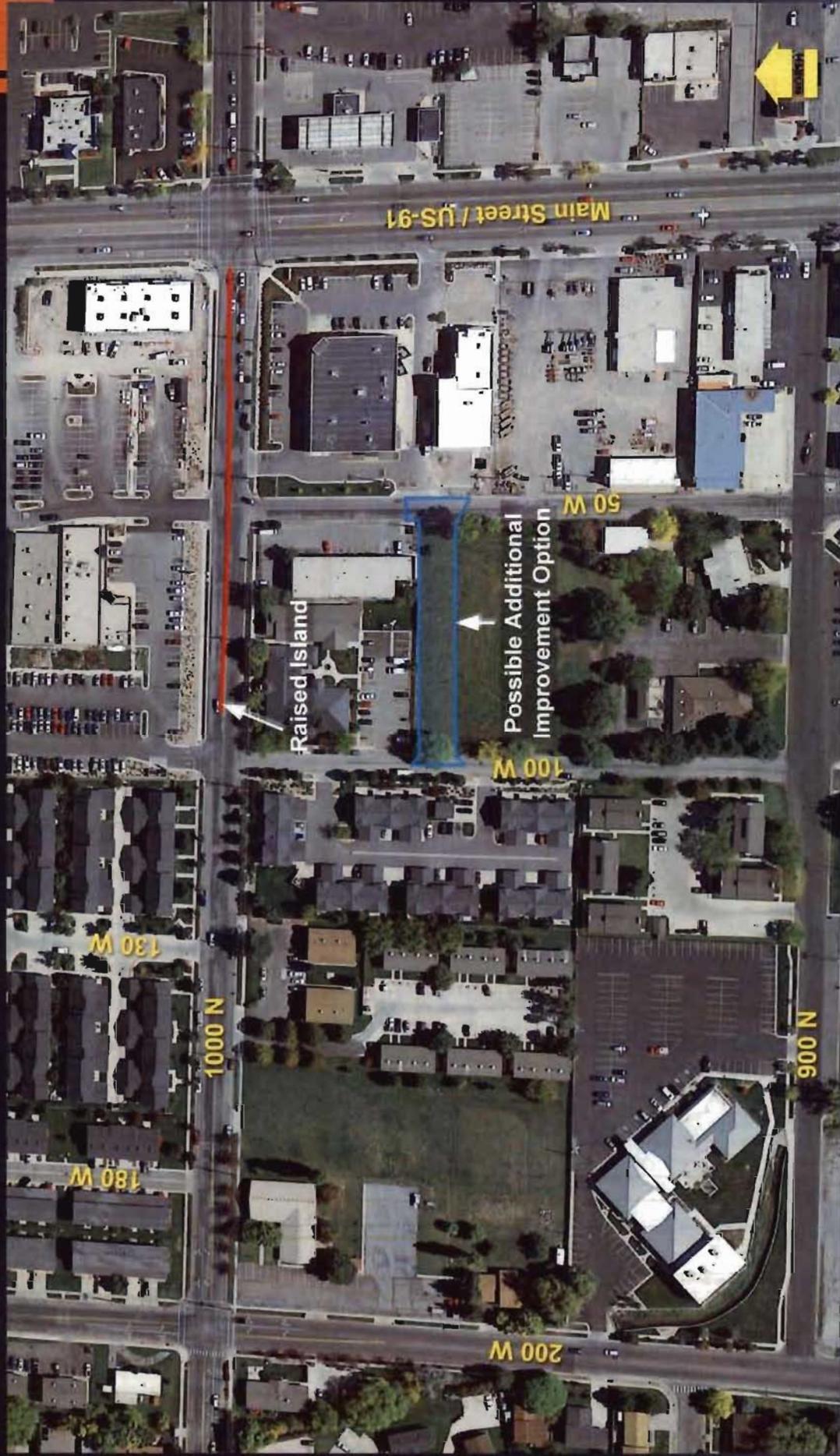
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# Closure Option #4 – U Turn – 50 West/1000 North



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# Right Turn Option #1 – Right-in/Right-out @ 50 W/1000 N



Ec20

# One-Way Option – 50 West/1000 North



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**Slide 16**

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**Ec20**

Slit this into two slides:

1. Right in Right Out
2. One Way Only

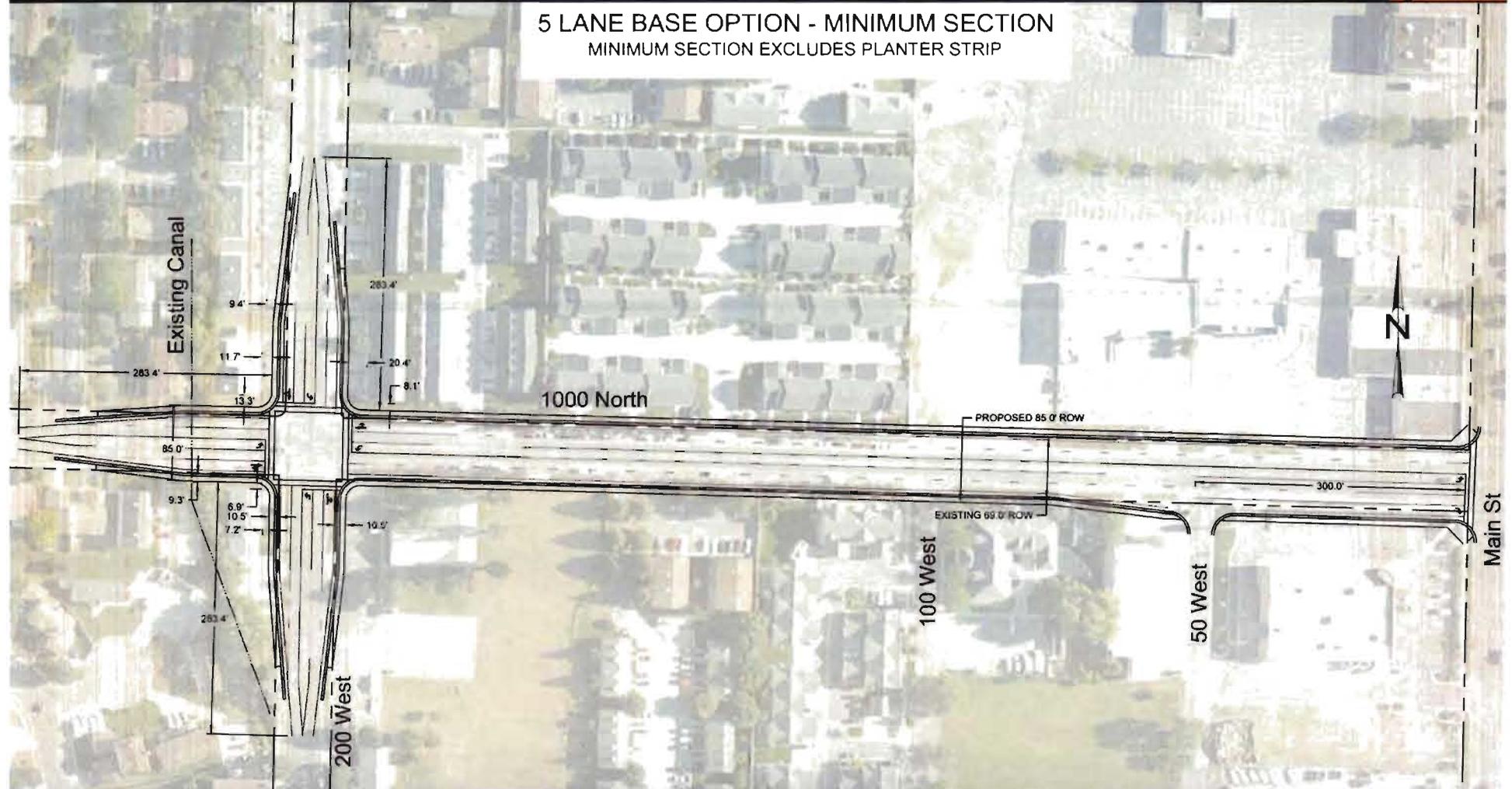
Kyle Comer, 9/14/2016

# Potential Improvement Alternatives – 200 West

- **Base Model (5 lanes)**
- **Lane Imbalance**
- **Min. cross section**
- **Multi-lane Roundabout**

# Corridor Option – 5 Lane Base Option

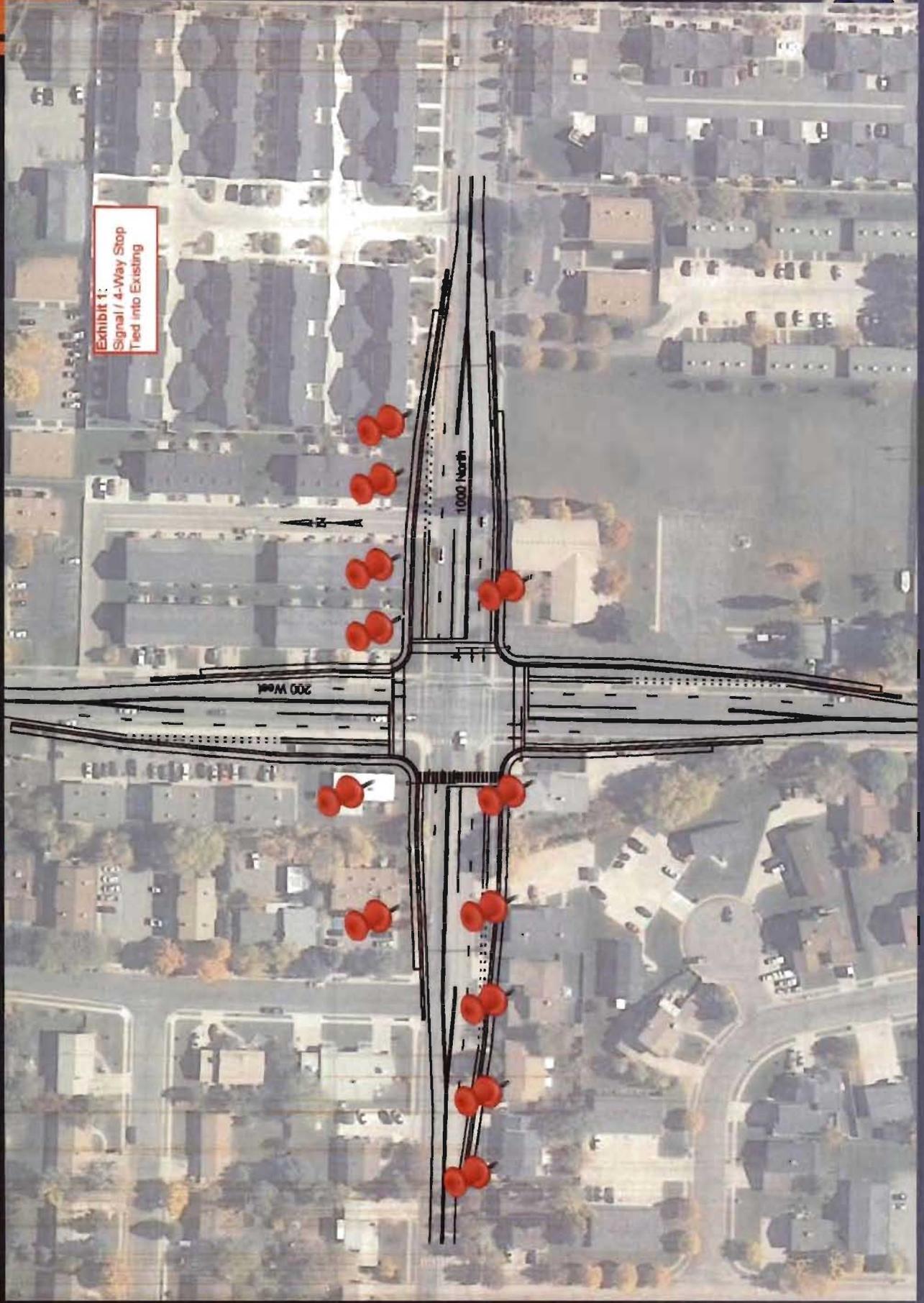
5 LANE BASE OPTION - MINIMUM SECTION  
MINIMUM SECTION EXCLUDES PLANTER STRIP



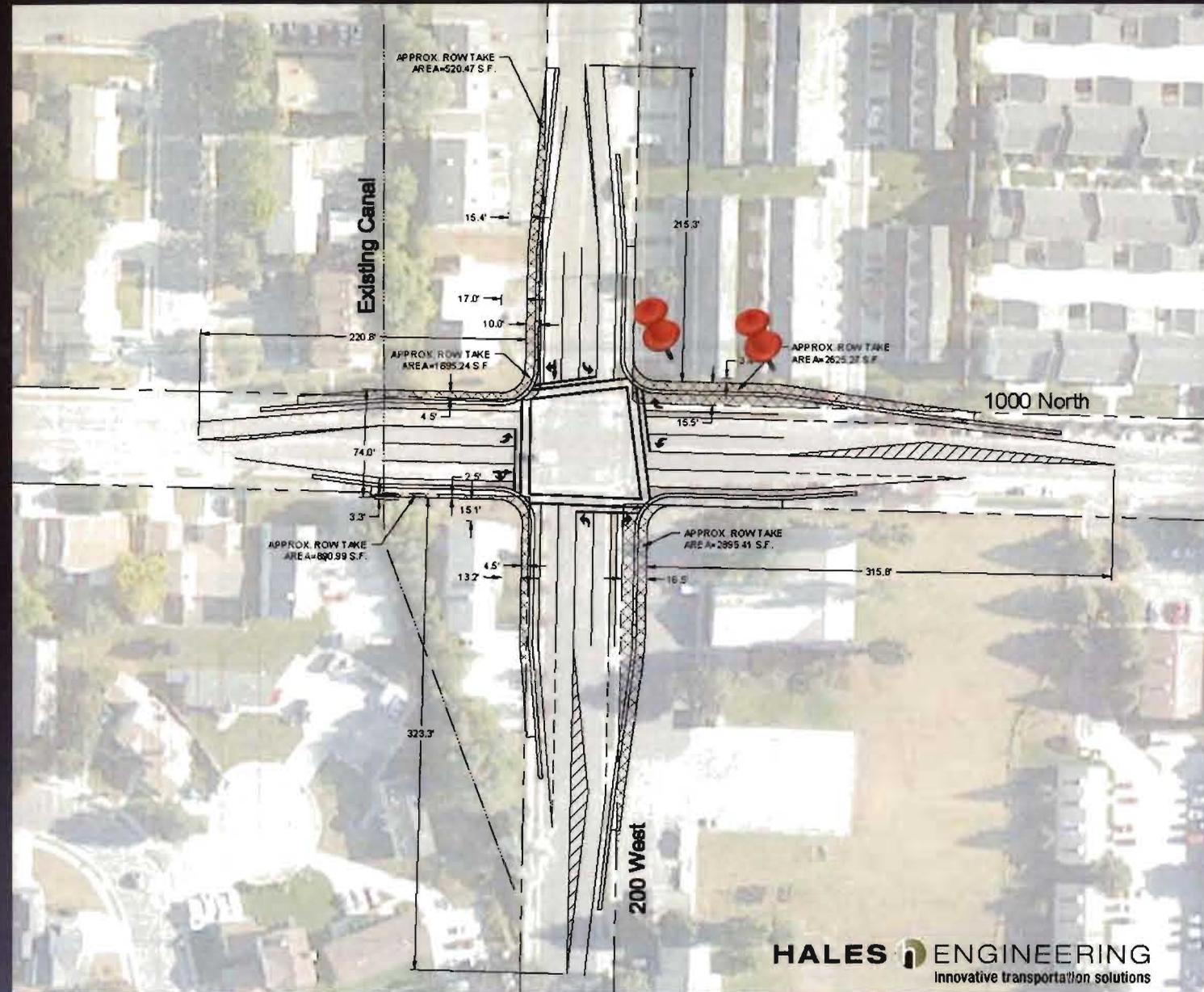
# Corridor Option – 5 Lane Base Option



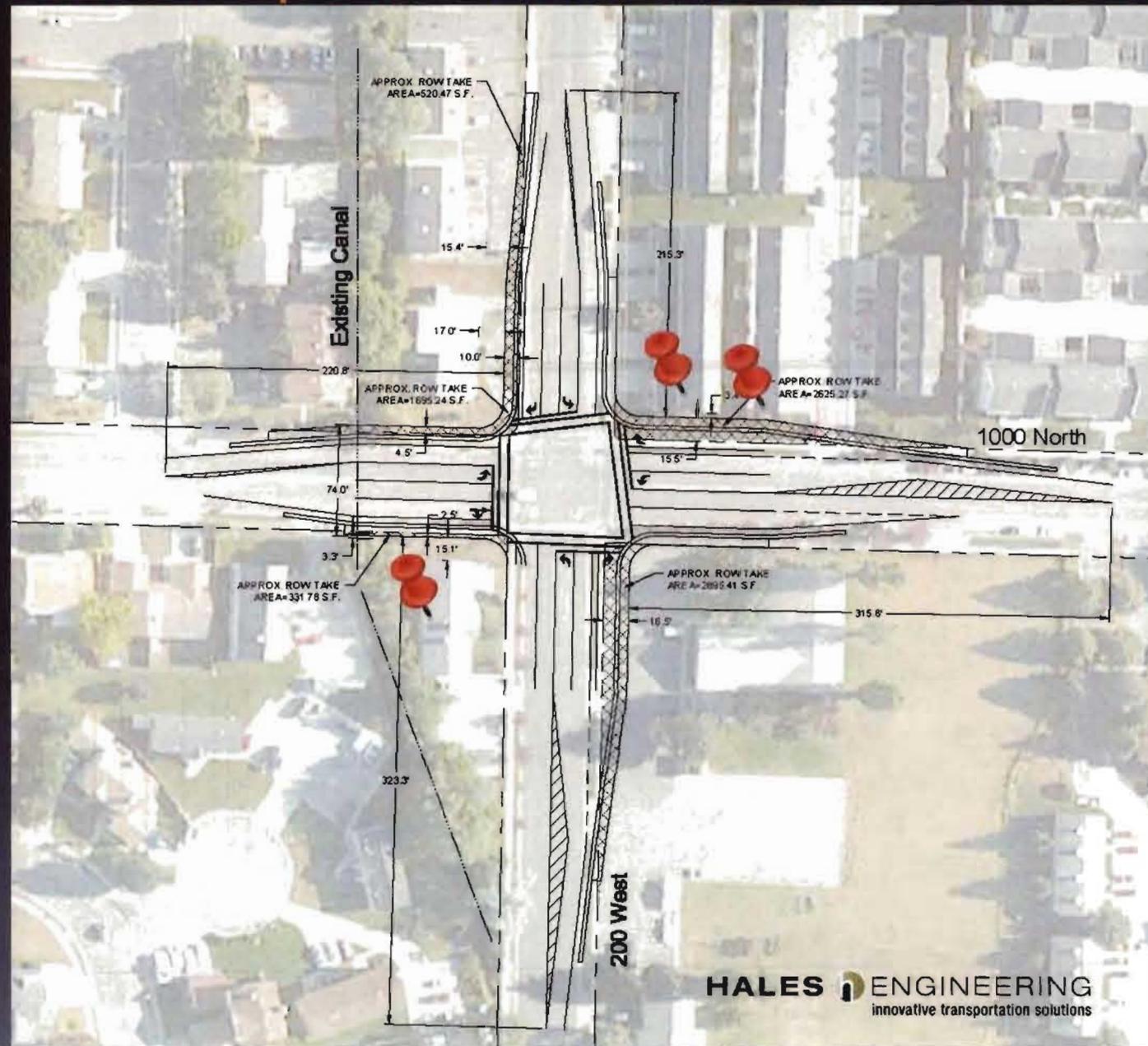
# Intersection Layout – Std. Section



# Intersection Option – Lane Imbalance – 200 W Int.



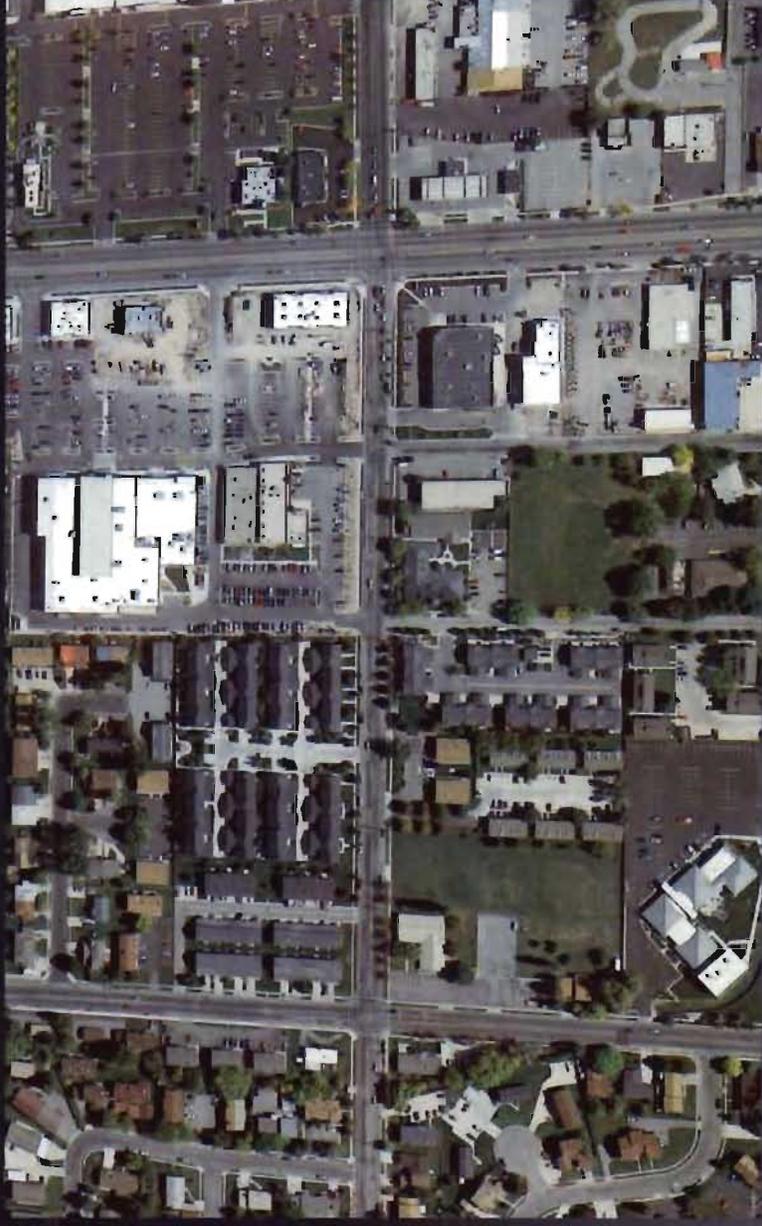
# Intersection Option – Minimum Section – 200 W Int



# Next Steps

- Complete Traffic Study Report
- Public Outreach
  - Property Owner Workshop(s)
  - Individual Owner Coordination (near intersection improvements)
- Alternative Selection Meeting with Staff
- Design – Through the end of 2016

# Questions/Input



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