

# Sterling S-Curve Project

Open House Presentation  
June 22nd, 2016

# Purpose of this Meeting



- Present the preferred option for:
  - New “S-Curve” Alignment on abandoned rail corridor between 4<sup>th</sup>/Chestnut and Main/Division/S-Curve Streets
  - Conversion from one-way to two-way streets along 3rd and 4th
  - Broadway/3<sup>rd</sup>/Sidney Intersection Options
  - West Main Street improvements

# Activities To-Date

- Public meeting in November 2014 to introduce project and design options
- Refined design and narrowed to one preferred design package of improvements
- Environmental analysis
- Identified right-of-way requirements

# Project Goals

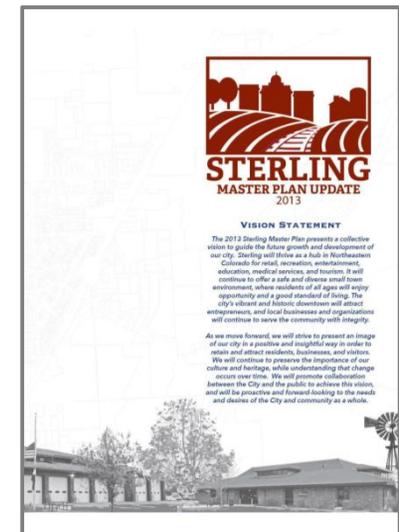
- Improve regional traffic flow and reduce truck traffic through downtown
- Provide a continuous SH 14 from I-25 to I-76
- Select a project configuration that minimizes impacts to businesses and residences
- Preserve and enhance community livability and economic viability



# Project History

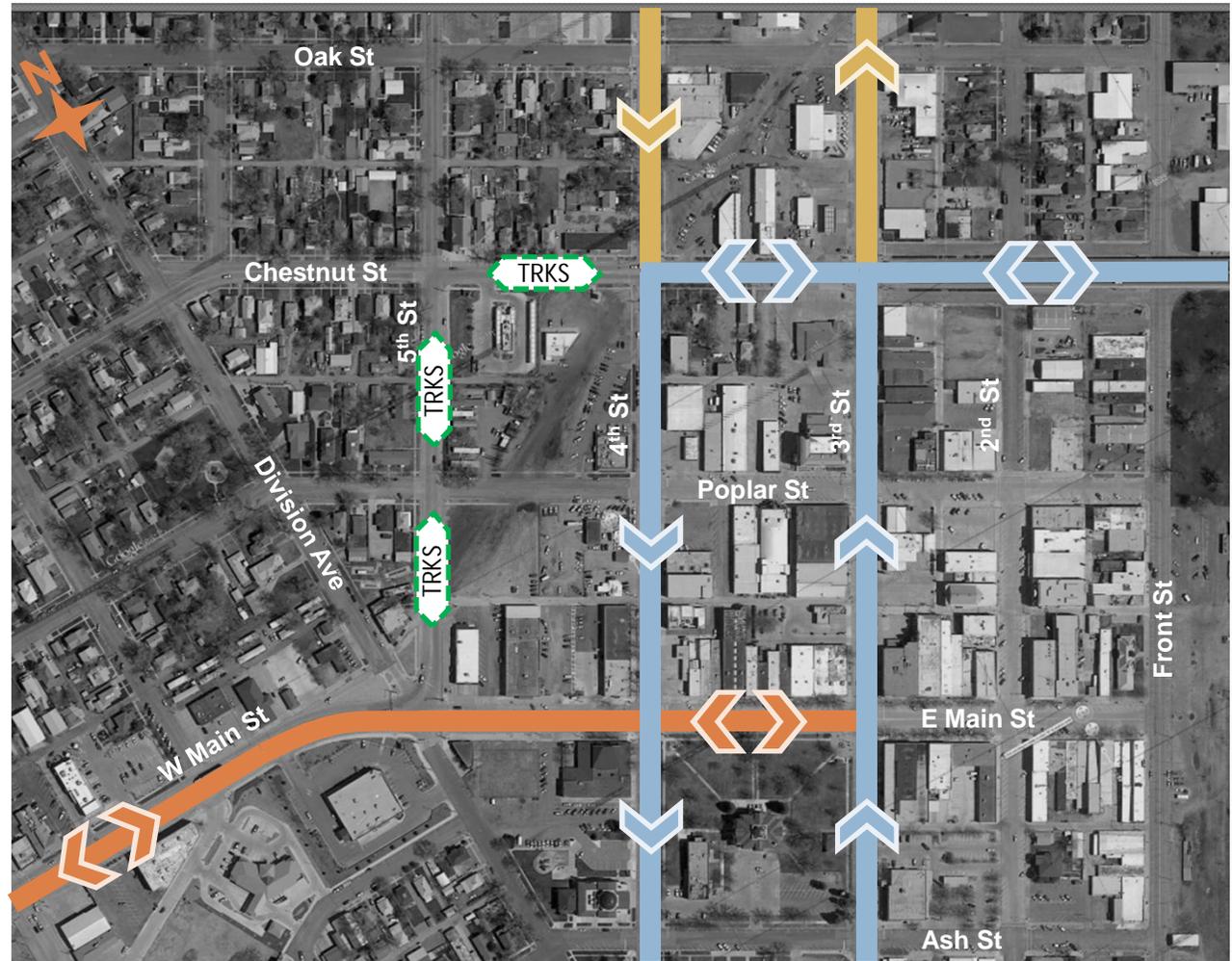
## Planning and Design of the Sterling “S-Curve” and Conversion to Two-Way Streets Originated in:

- 1970’s: S-Curve was intended to be second phase of Viaduct project
- 2011: Downtown Master Plan Concepts (*CO Department of Local Affairs*)
- 2012: Downtown Sterling Roadway Conversion Report (*CDOT & City of Sterling*)
- 2013: Sterling Master Plan Update (*City of Sterling*)
- 2014: Initiation of the Sterling S-Curve Project (*CDOT*)



# Existing Street Network

- US 6 
- SH 138 
- SH 14 
- Truck Route 



PRELIMINARY SUBJECT TO CHANGE

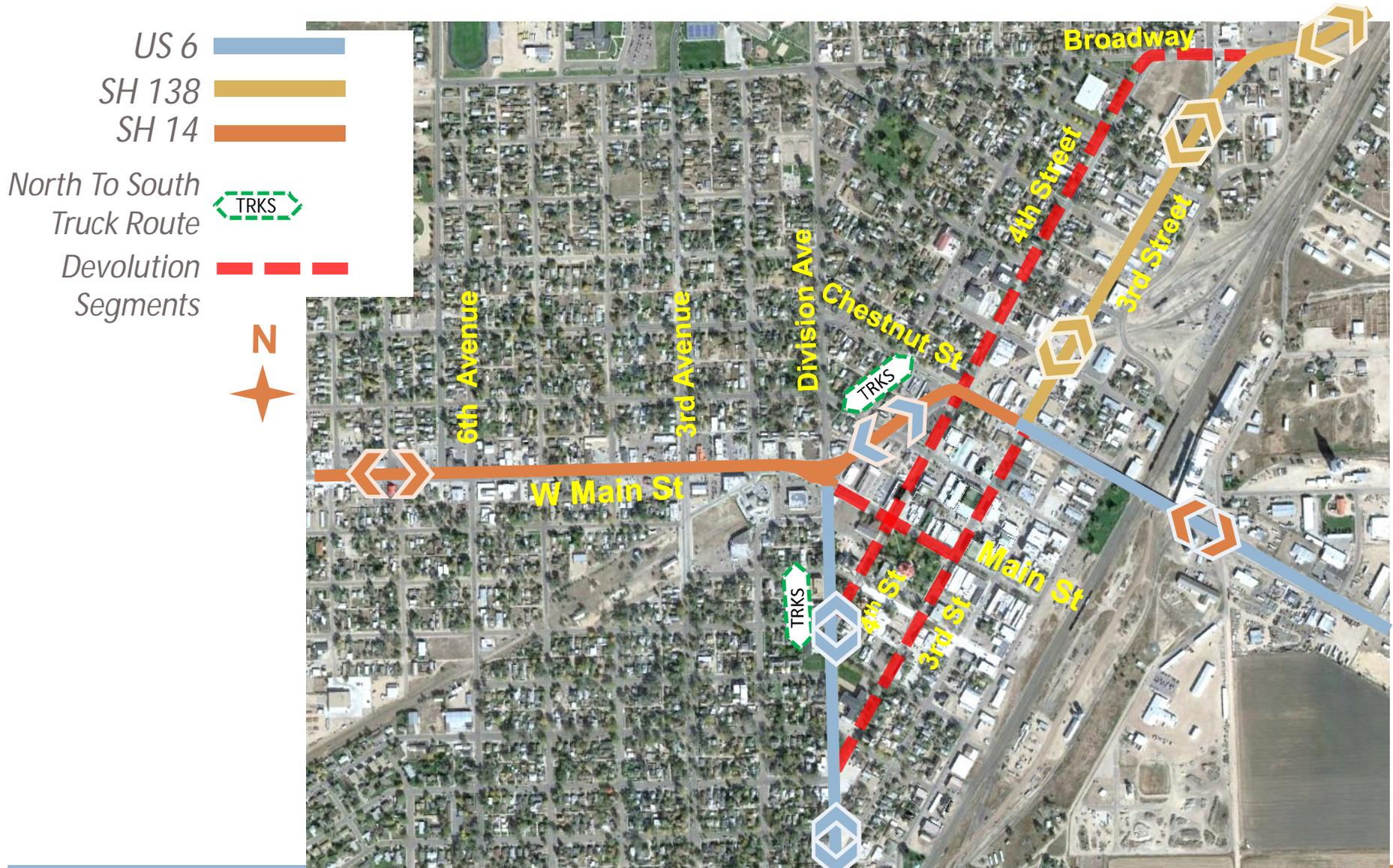
# S-Curve Concept

- US 6 
- US 138 
- SH 14 



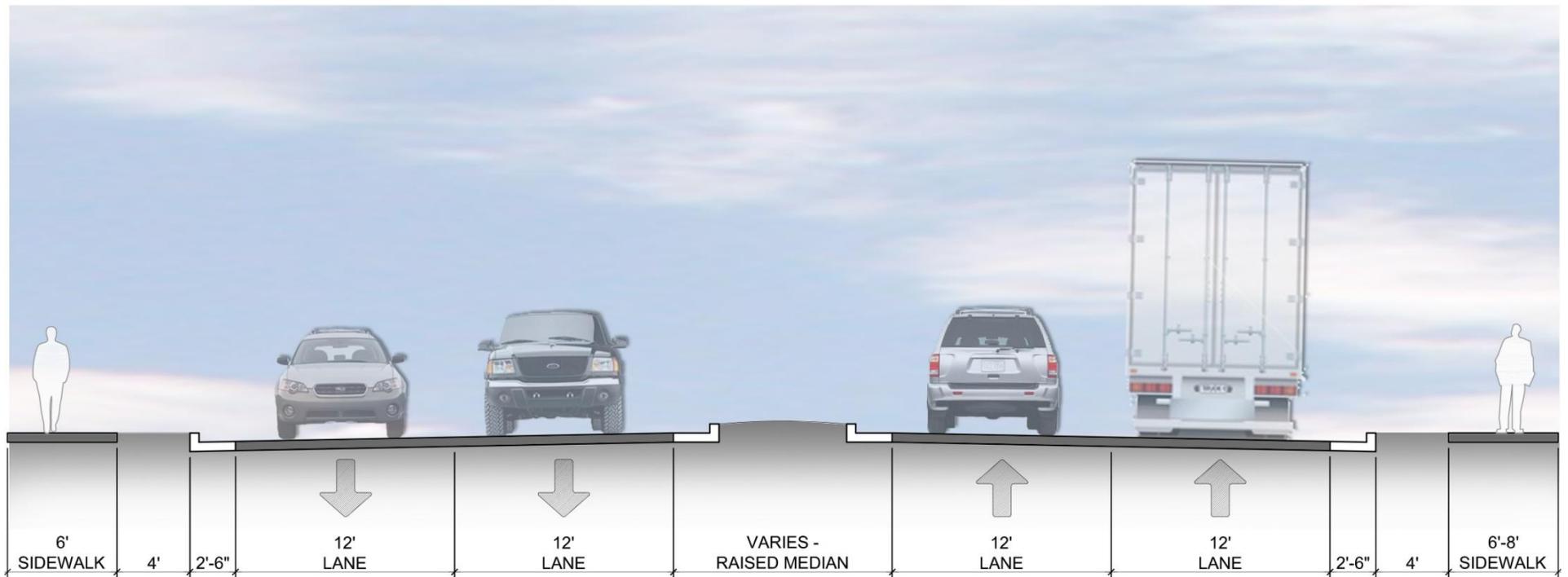
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# S-Curve Concept



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# S-Curve Concepts Typical Section



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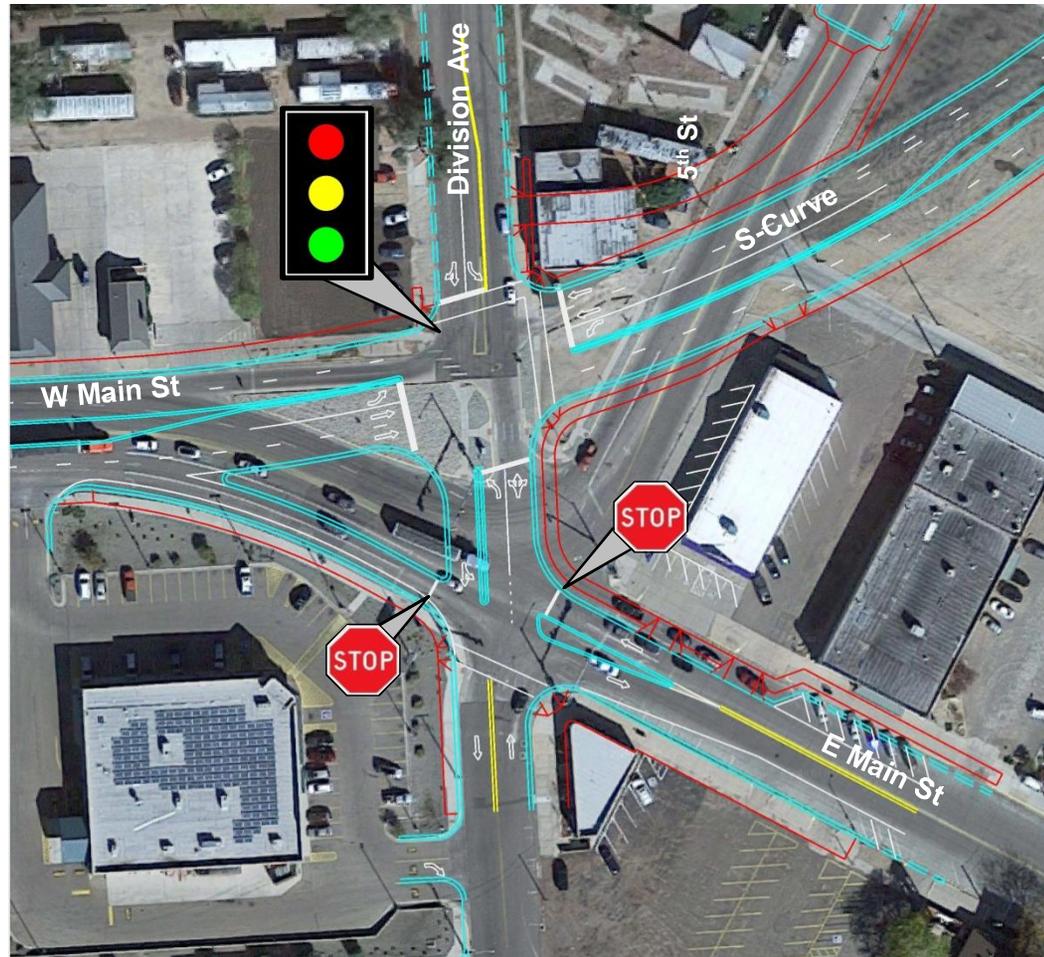
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# S-Curve Concepts

## Main/Division/S-Curve Intersection

### REVISED OPTION

- Signalized Intersection
- West Main to S-Curve (SH 14) primary route
- North and South Division remains, signalized intersection with W.Main/S-Curve
- Slip ramp from West Main to East Main
- E. Main westbound, right turn to North Division approach to Traffic Signal

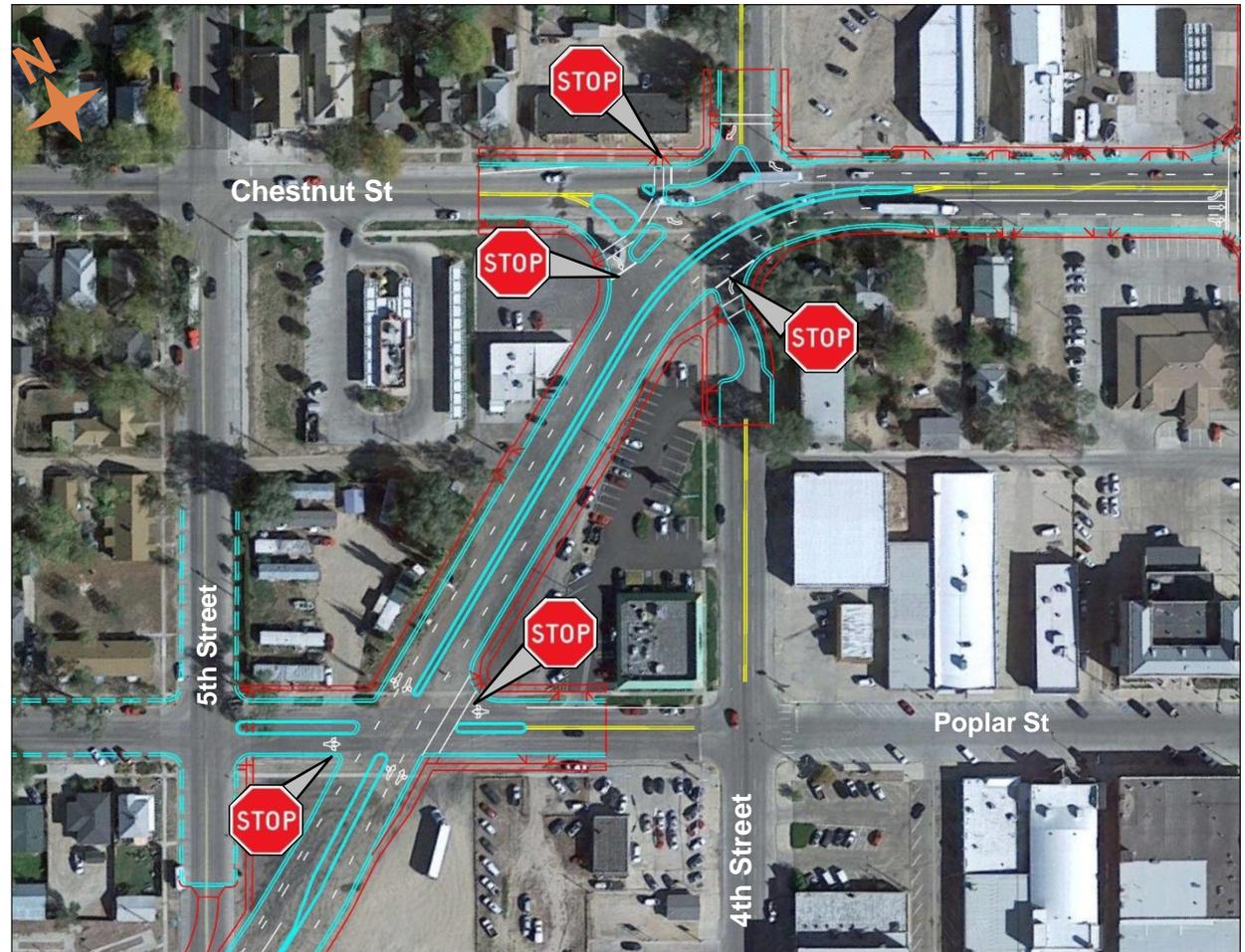


# S-Curve Concepts

## Chestnut St & 4<sup>th</sup> St Intersection

### *Option 1*

- Non-signalized Intersection
- S-Curve to East Chestnut Primary Route
- Requires conversion of 4<sup>th</sup> Street to two way
- Right-in, right-out N. 4<sup>th</sup> and East Chestnut
- Right out only from S. 4th



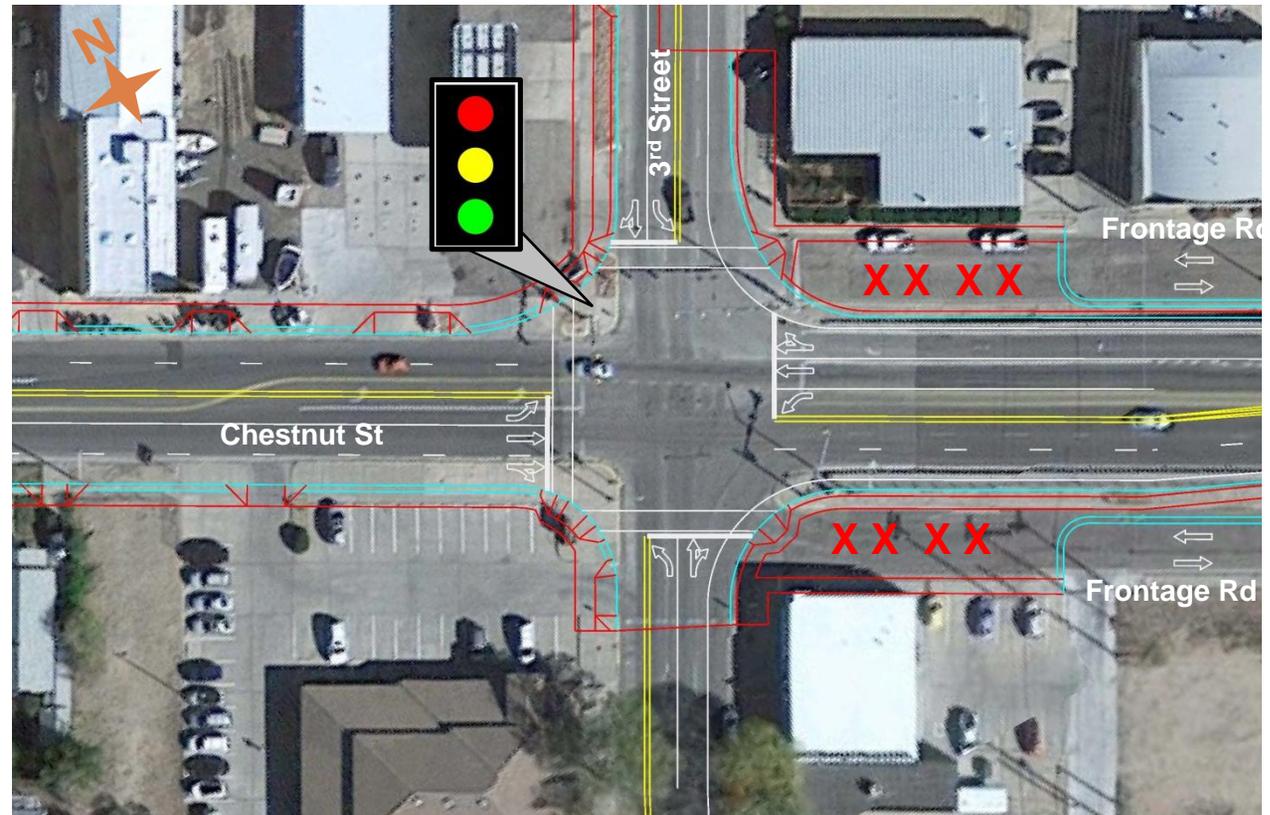
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# S-Curve Concepts

## Chestnut & 3<sup>rd</sup> Intersection

- Signalized Intersection
- Chestnut: Two lanes each direction with center turn lanes
- 3<sup>rd</sup> Street: One Lane each direction with center turn lanes
- Fits within existing ROW Between 3<sup>rd</sup> & 4<sup>th</sup> Street
- Walls on bridge approach to be widened
- Frontage Road Connections to 3<sup>rd</sup> Street Closed



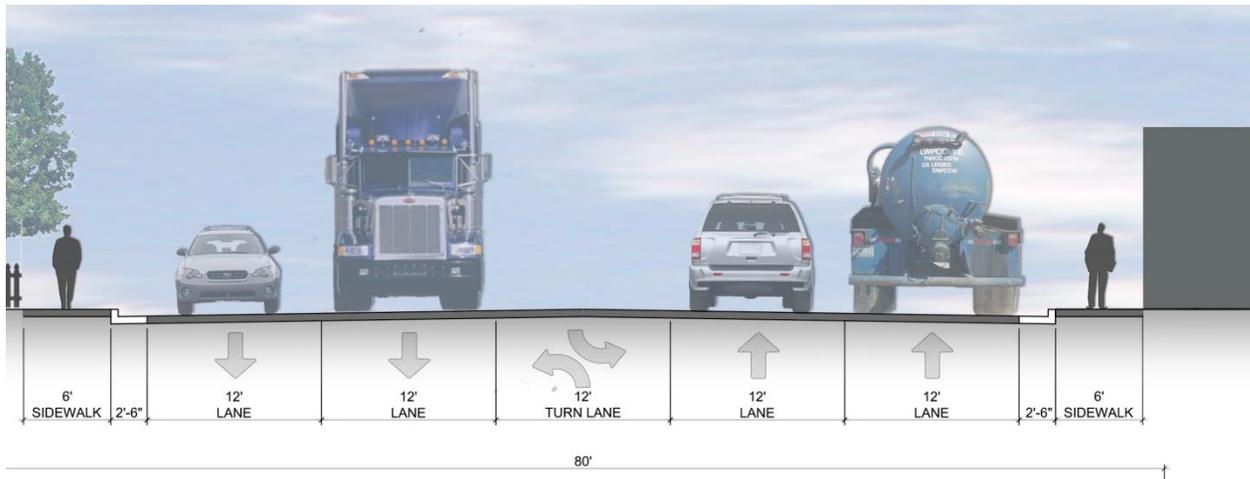
# S-Curve Concepts

## Chestnut St (3<sup>rd</sup> to 4<sup>th</sup> Street) Typical Section

*Existing*



*Proposed*



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# Project Concepts

## One-Way to Two-Way Conversion

3<sup>rd</sup> and 4<sup>th</sup> Streets



EXISTING CONDITIONS

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# Project Concepts

## One-Way to Two-Way Conversion

### 3<sup>rd</sup> and 4<sup>th</sup> Streets



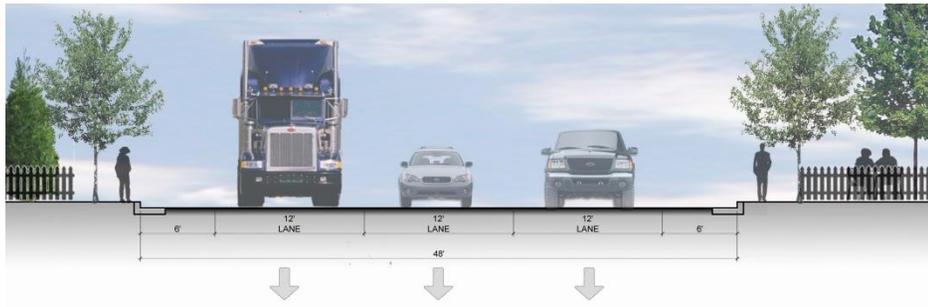
PROPOSED CONDITIONS

PRELIMINARY SUBJECT TO CHANGE

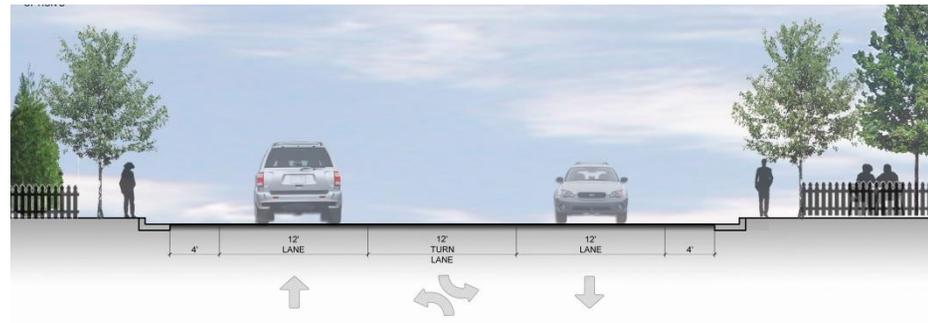
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# One-Way to Two-Way Conversion Typical Sections

4<sup>th</sup> Street

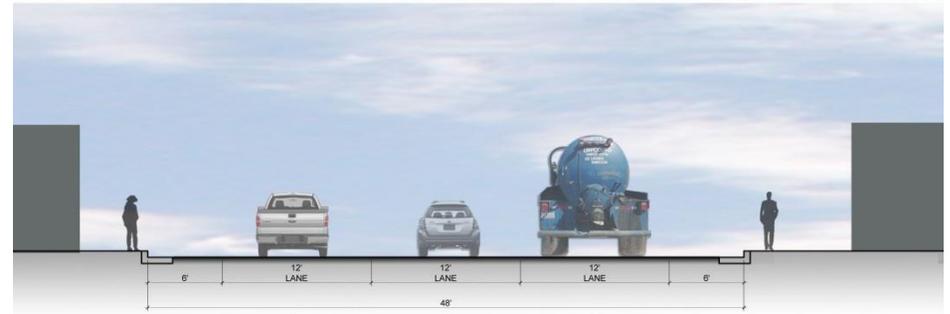


Existing



Proposed

3<sup>rd</sup> Street



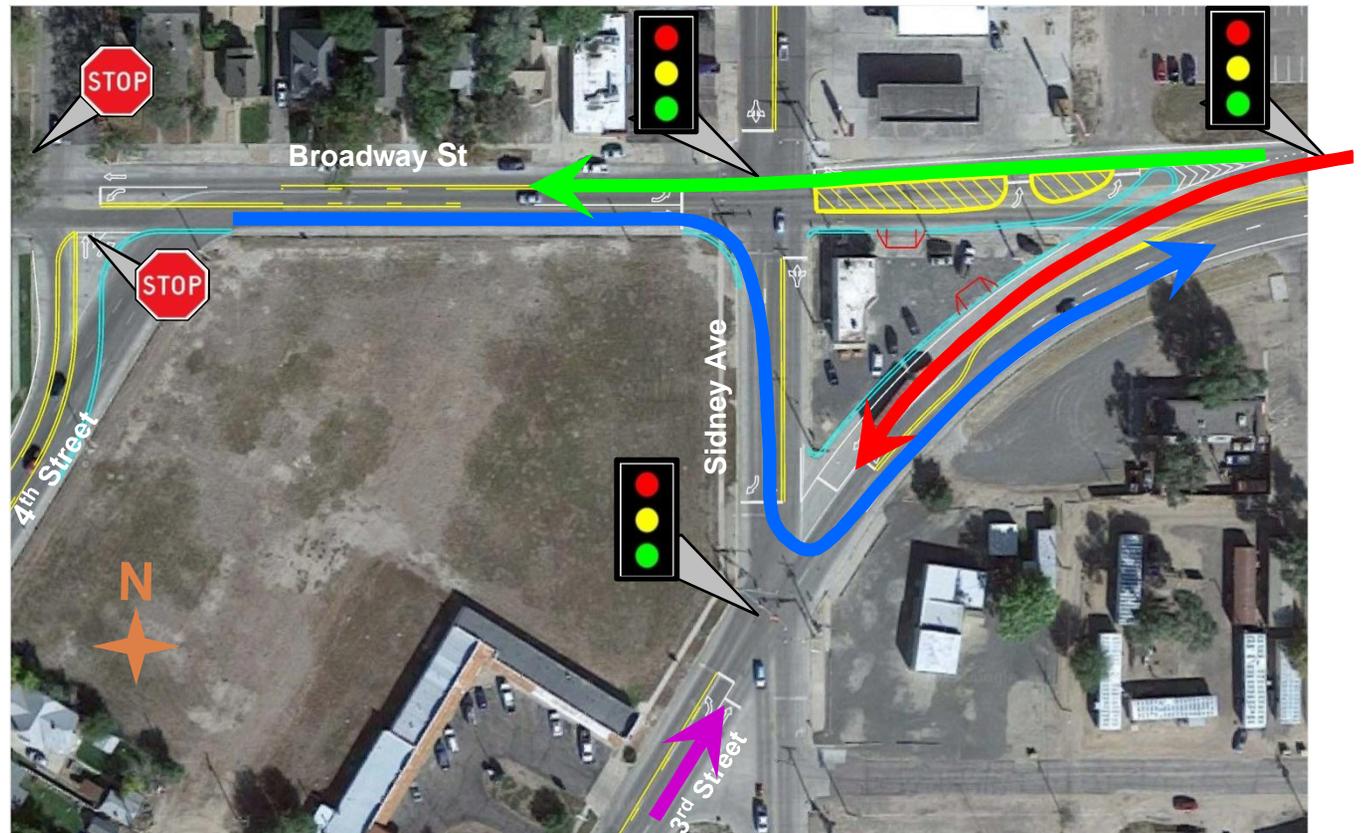
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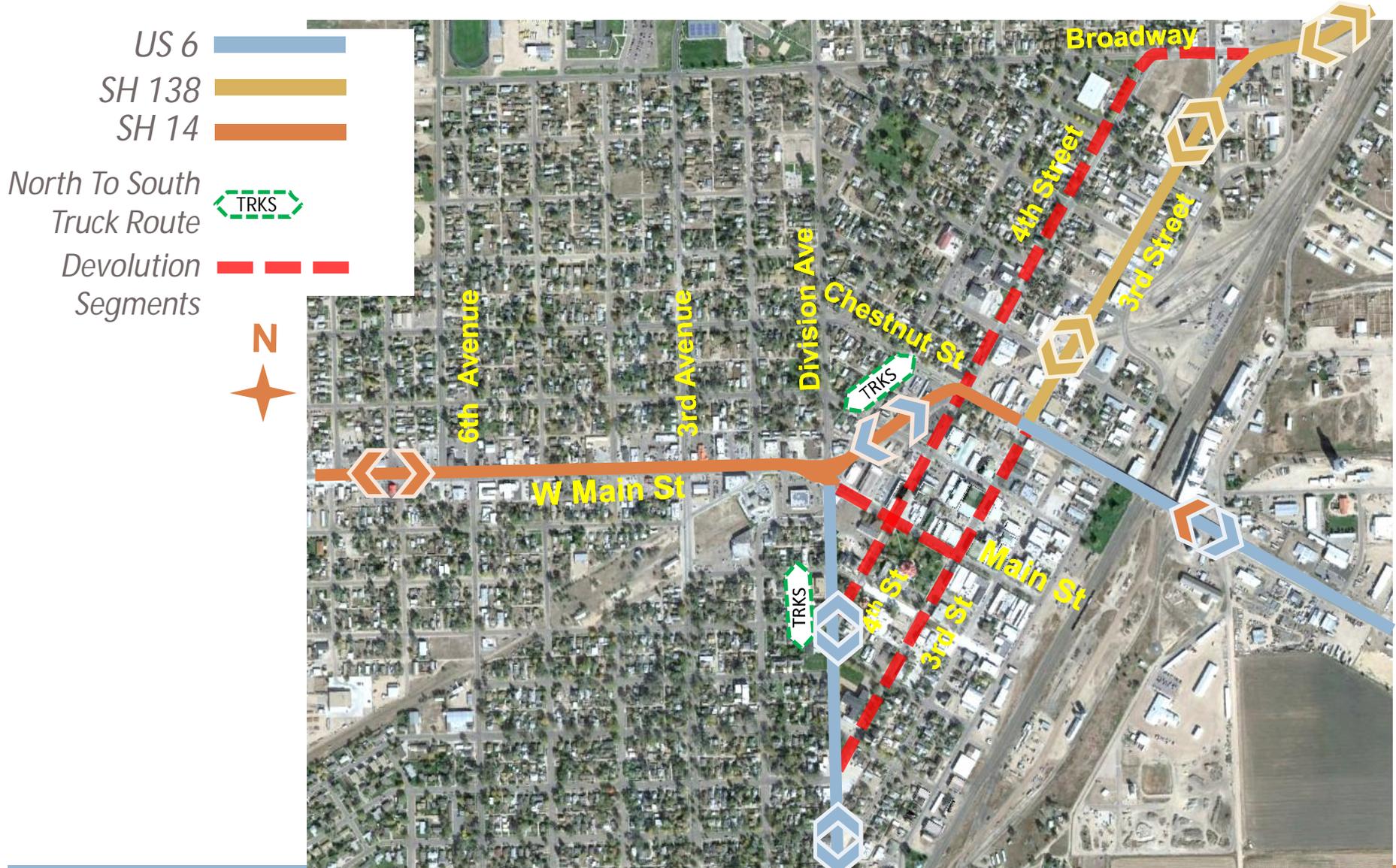
Proposed

# One-Way Conversion US 138: Broadway/3<sup>rd</sup>/Sidney Street Intersections

- Sidney/3<sup>rd</sup> Signalized
- Sidney/Broadway Signalized
- Broadway WB only, EB to use Signal at Sidney/3<sup>rd</sup>
- Broadway/4<sup>th</sup> Stop Controlled

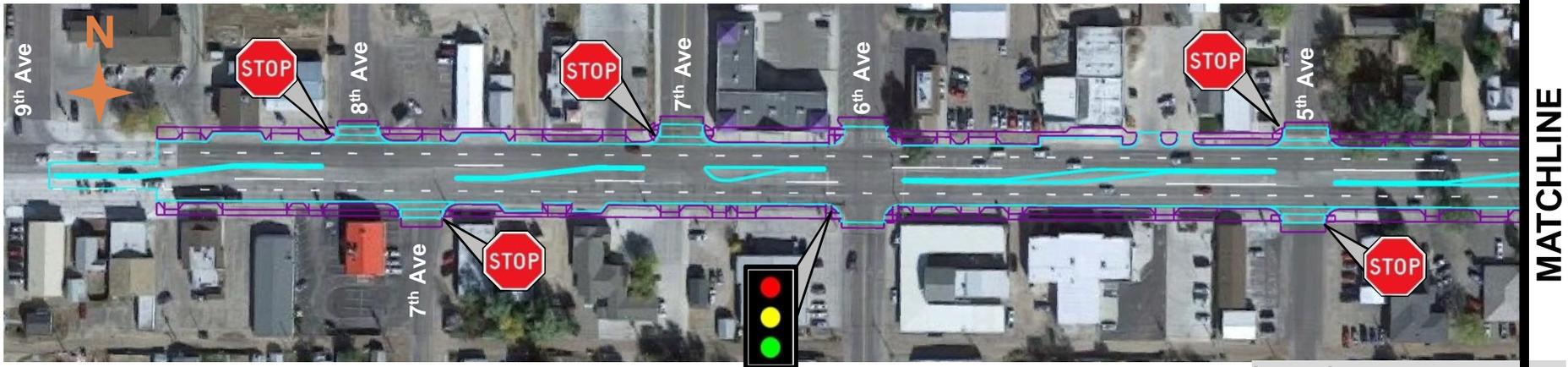


# S-Curve Concept

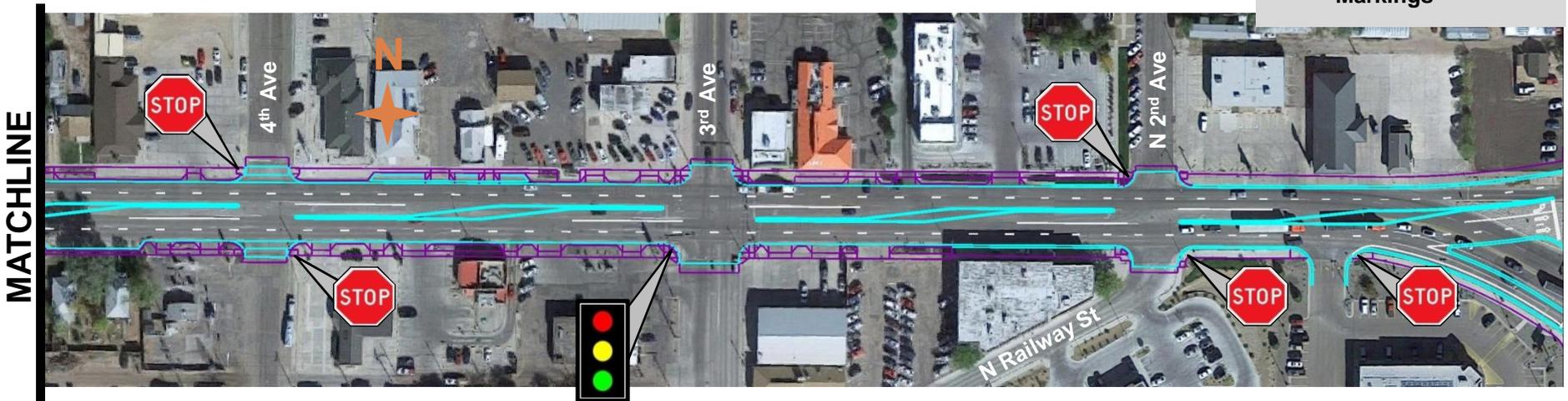


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# W. Main Street Reconstruction: 2<sup>nd</sup> Ave – 9<sup>th</sup> Ave



- Legend:
-  Roadway/Medians
  -  Sidewalk
  -  Striping/Pavement Markings
  -  Markings



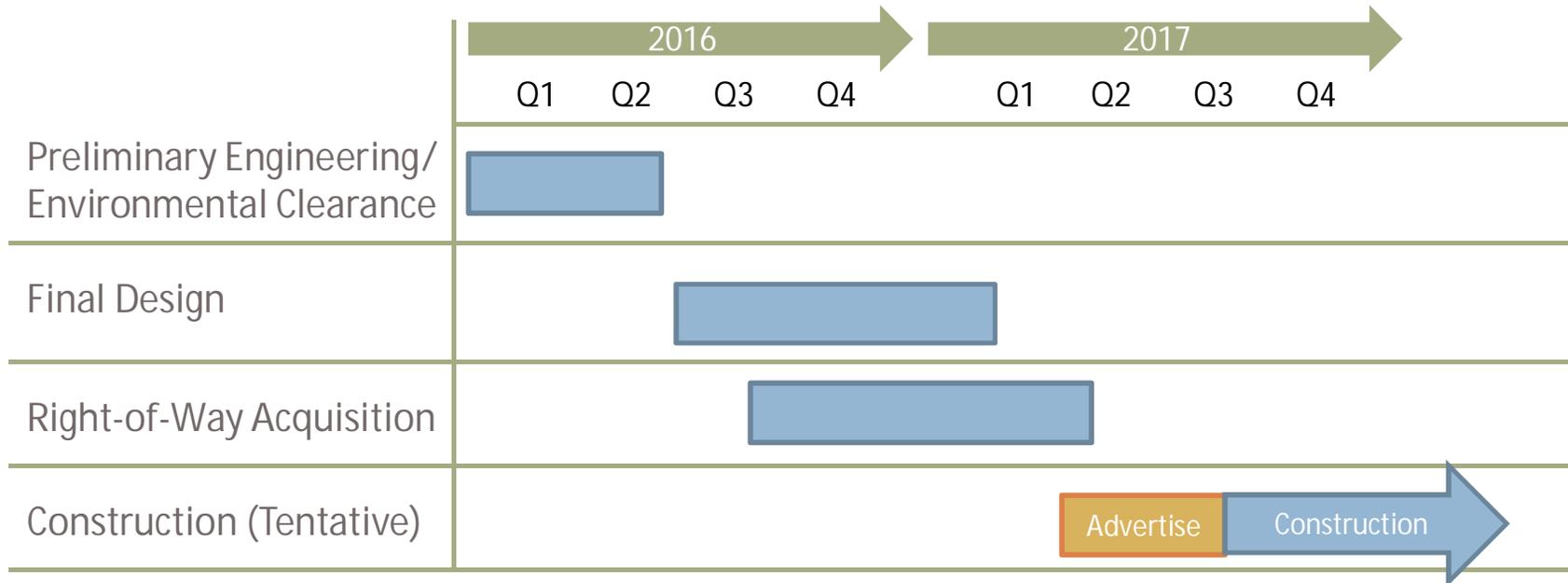
# Categorical Exclusion (CE)

A CE analyzes a number of environmental resources including:

- Transportation
- Biological Resources
- Noise
- Air Quality
- Water Quality & Wetlands
- Cultural Resources (Historic Buildings and Sites)
- Visual Quality
- Land Use
- Socioeconomics
- Open Space, Parks and Recreation
- Hazardous Materials



# Tentative Project Schedule



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# Next Steps

- Complete Final Design and Environmental Clearances
- Right-of-Way Acquisition
- Advertise and Award Construction Contract
- Construction phase outreach
  - Web and media announcements
  - Public Meeting prior to construction

# Thank you for coming!

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