

# COEUR D'ALENE HEALTH CORRIDOR DISTRICT

TRANSPORTATION PLANNING  
& TRAFFIC ANALYSIS SERVICES

PROJECT OVERVIEW

June 17, 2021



## PROJECT BACKGROUND

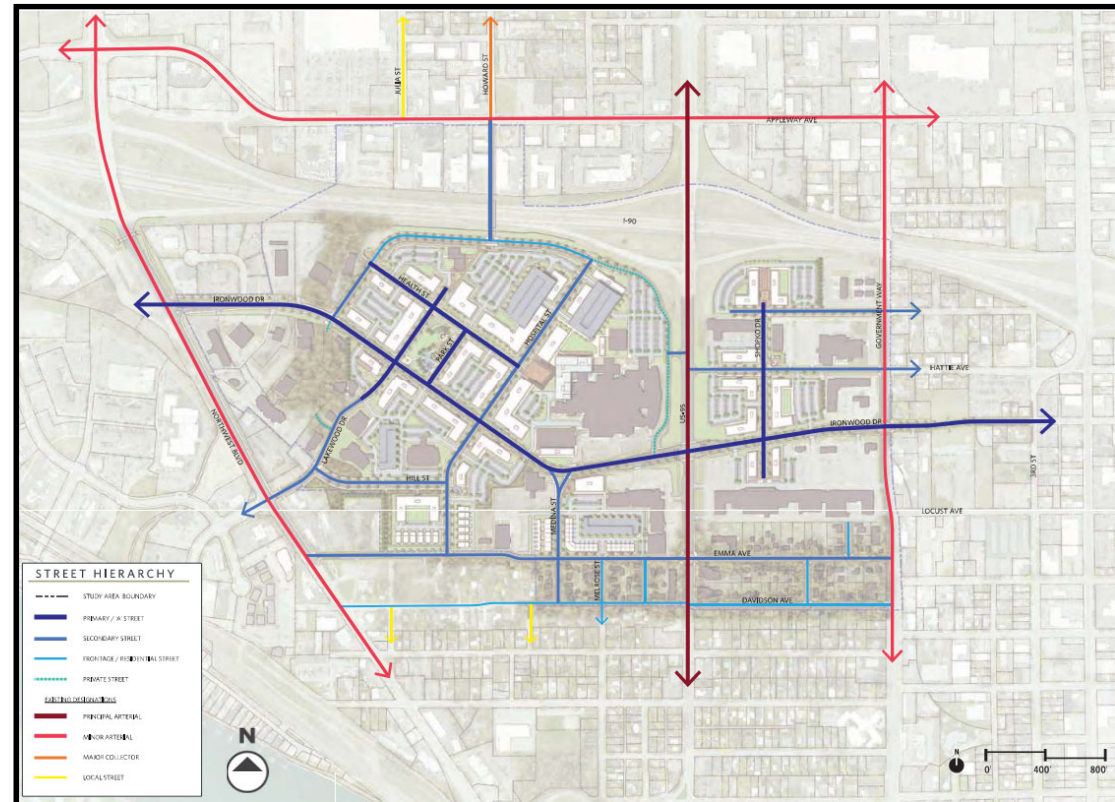
- Health Corridor Master Plan completed September 2019
- Master Plan adopted by City Council November 2019
- Master Plan included mobility improvements and identified the need for further refinement of the transportation system needs to support the plan
- A Health Corridor urban renewal district was also established



Ignite cda (the urban renewal agency of the City of Coeur d'Alene) completed the Health Corridor Master Plan in 2019, which was subsequently adopted by the City Council in November 2019. The plan itself represents one vision for how the district could develop. The plan identified the need for further study and refinement of the transportation needs.

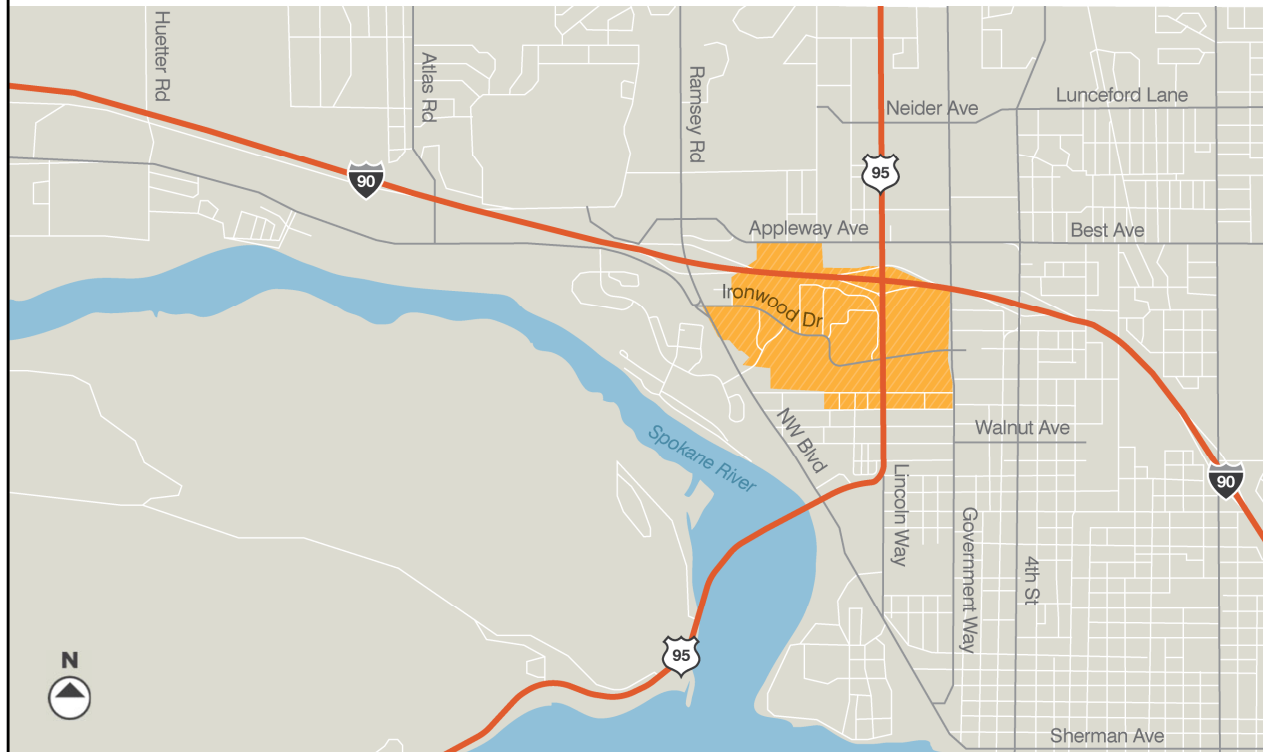
## PROJECT PURPOSE

- Review existing transportation needs
- Determine future transportation needs to accommodate the development proposed in the Master Plan
- Develop an implementation plan for the future transportation needs



The purpose of this project is to evaluate the transportation needs in an around the Health Corridor District and determine solutions to accommodate the master plan development. This image is from the Master Plan, which outlined some transportation improvements. Our task is to review that work with independent lens and evaluate other transportation changes that would support the development.

## PROJECT STUDY AREA



 Health Corridor

## PROJECT SCOPE – TASKS COMPLETED

### Project Tasks

#### Traffic Data Suitability/Calibration

#### Existing Conditions/Short-Term Solutions

##### Future Conditions/Alternatives

- *Scenario 1: No Build*
- *Scenario 2: Build*
- *Scenario 3: Build Alternative*

##### Infrastructure Implementation Plan

##### Summary Report

### KEY POINTS:



**COVID-19 pandemic impacted traffic volumes and typical commute patterns**

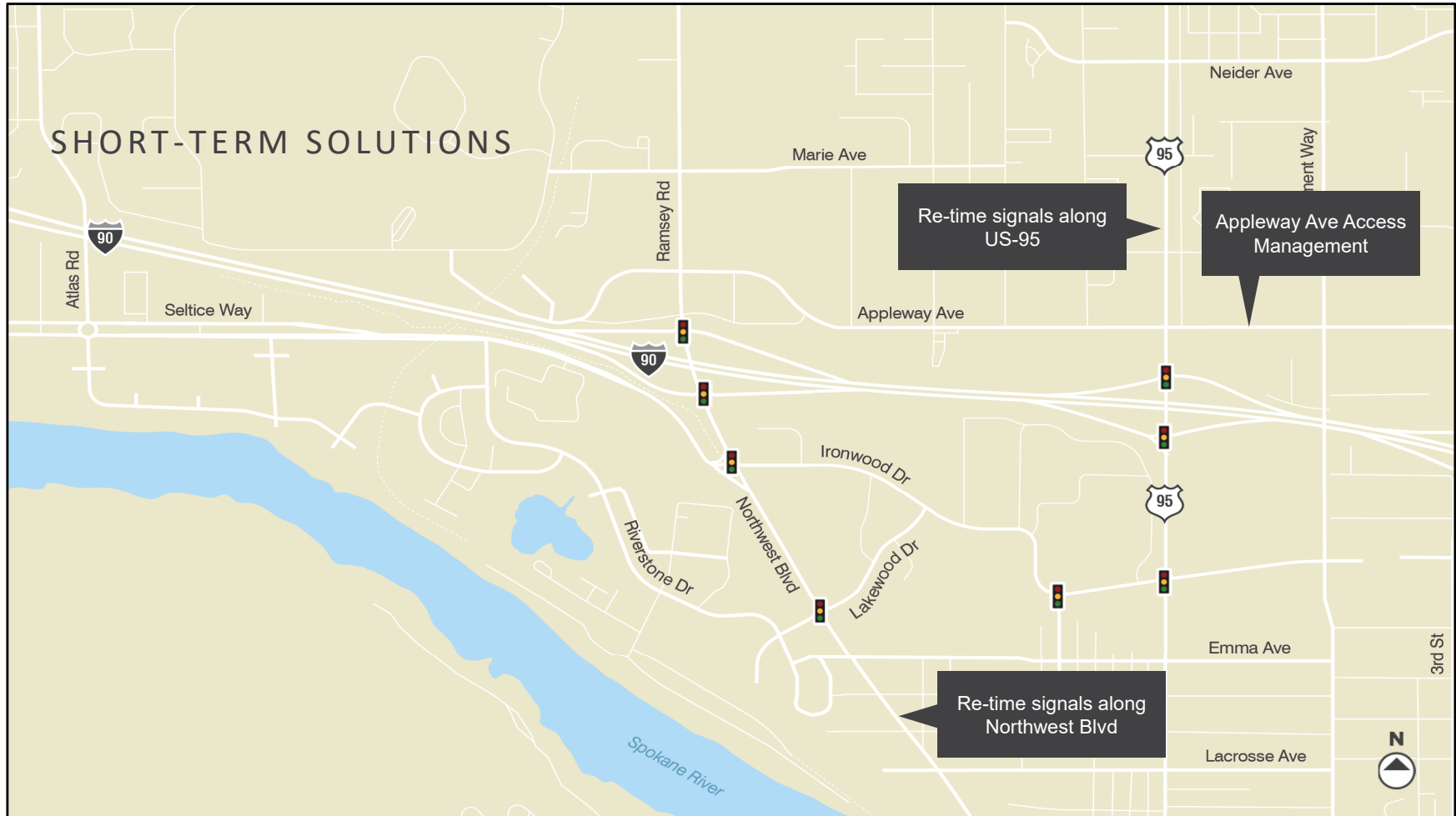


**Alternative data sources supplemented with pre-pandemic counts gave important insights into travel demand surrounding the Health Corridor.**

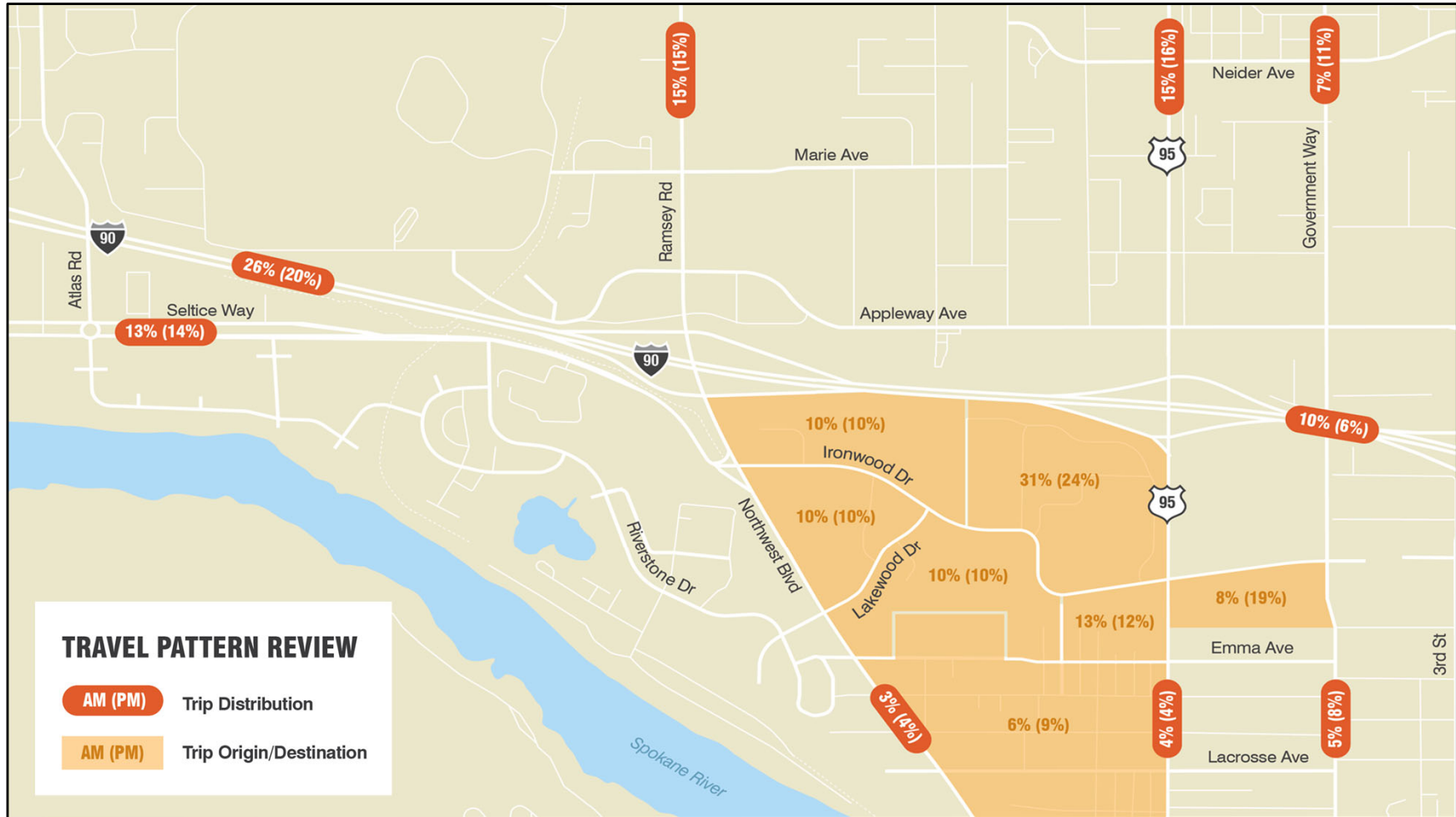


**Short-term solutions included signal timing updates and access management along key corridors**

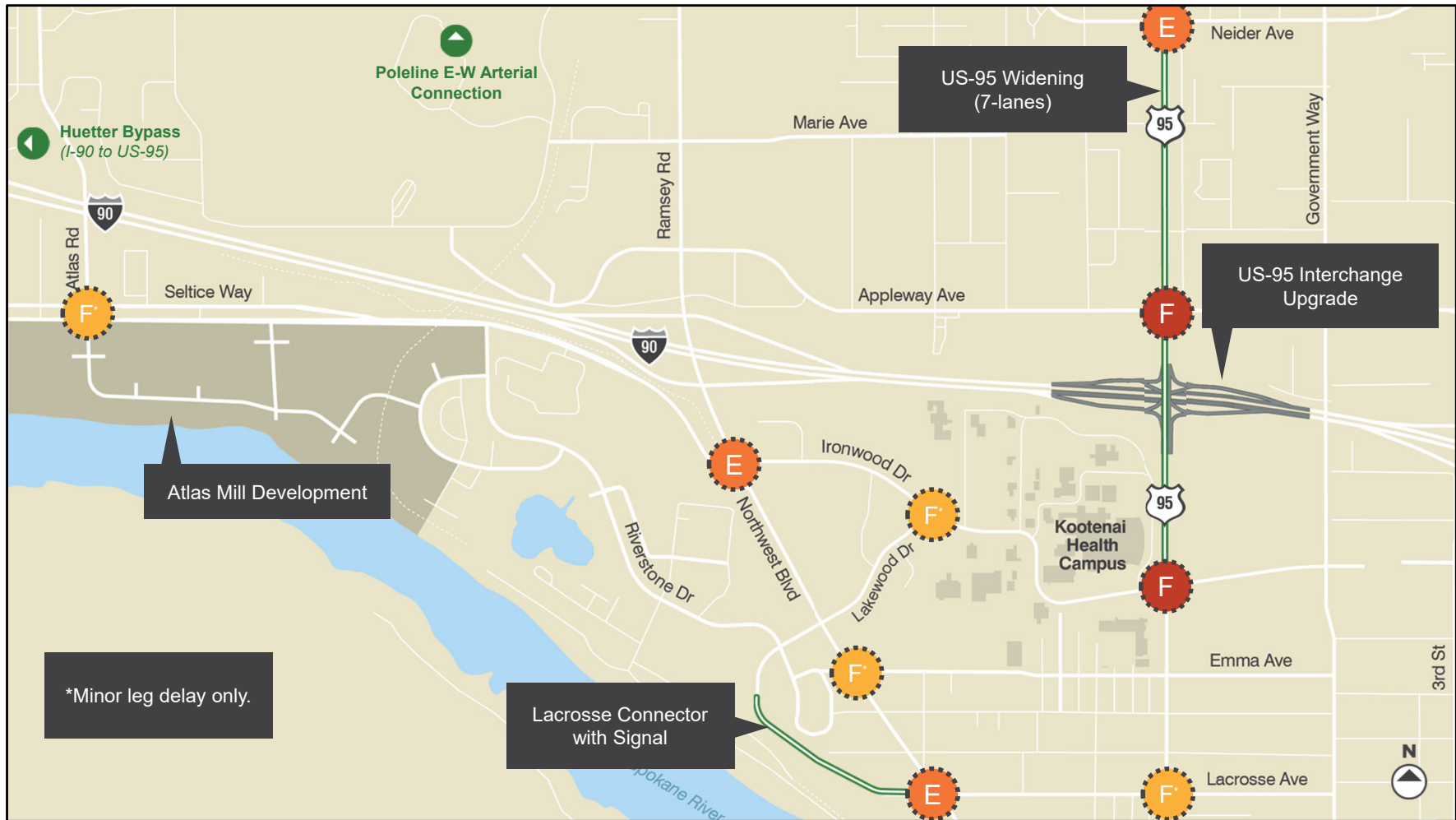
This is the consultant team's work plan. We've completed the first two tasks outlined in orange.



These are the short-term solutions recommended to improve traffic operations and safety around the district. Retiming of signals will reduce congestion and improve traffic flow along Northwest Blvd and US-95. Based on the significant number of access related crashes along Appleway and the number of closely spaced driveways, a review of access locations.







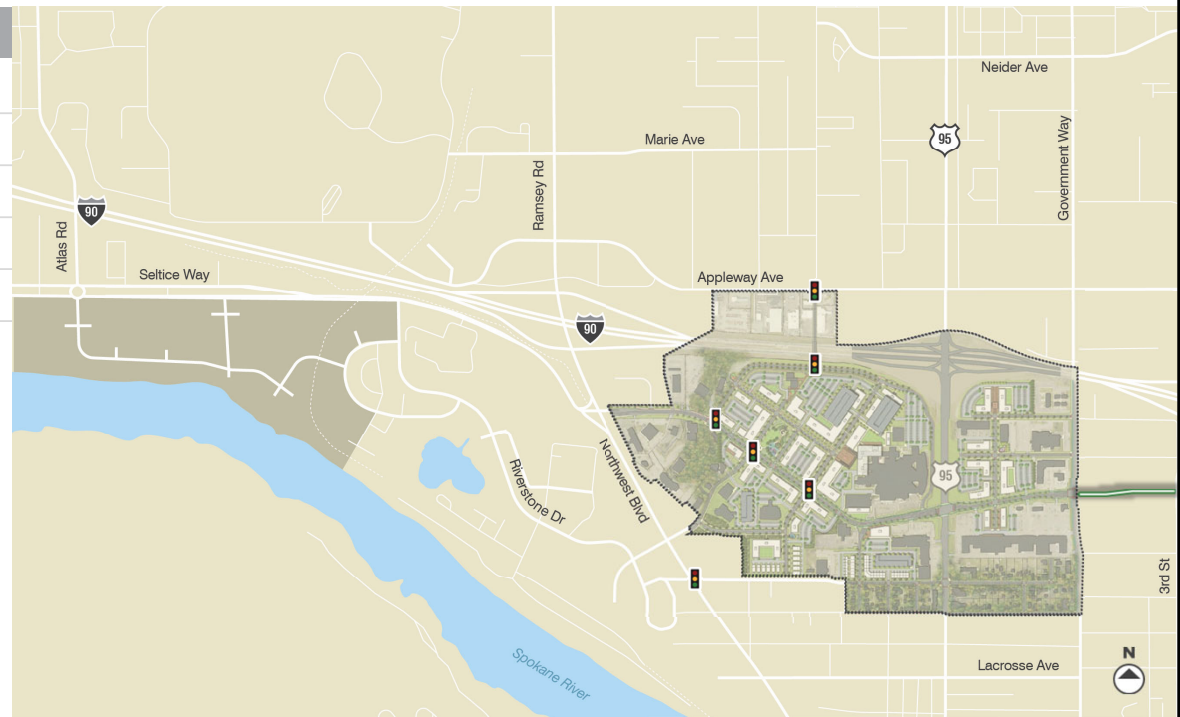
For Scenario 1, these are the background projects and developments anticipated to be built within the next 20 years. The colored circles represent intersections that are at or over capacity.



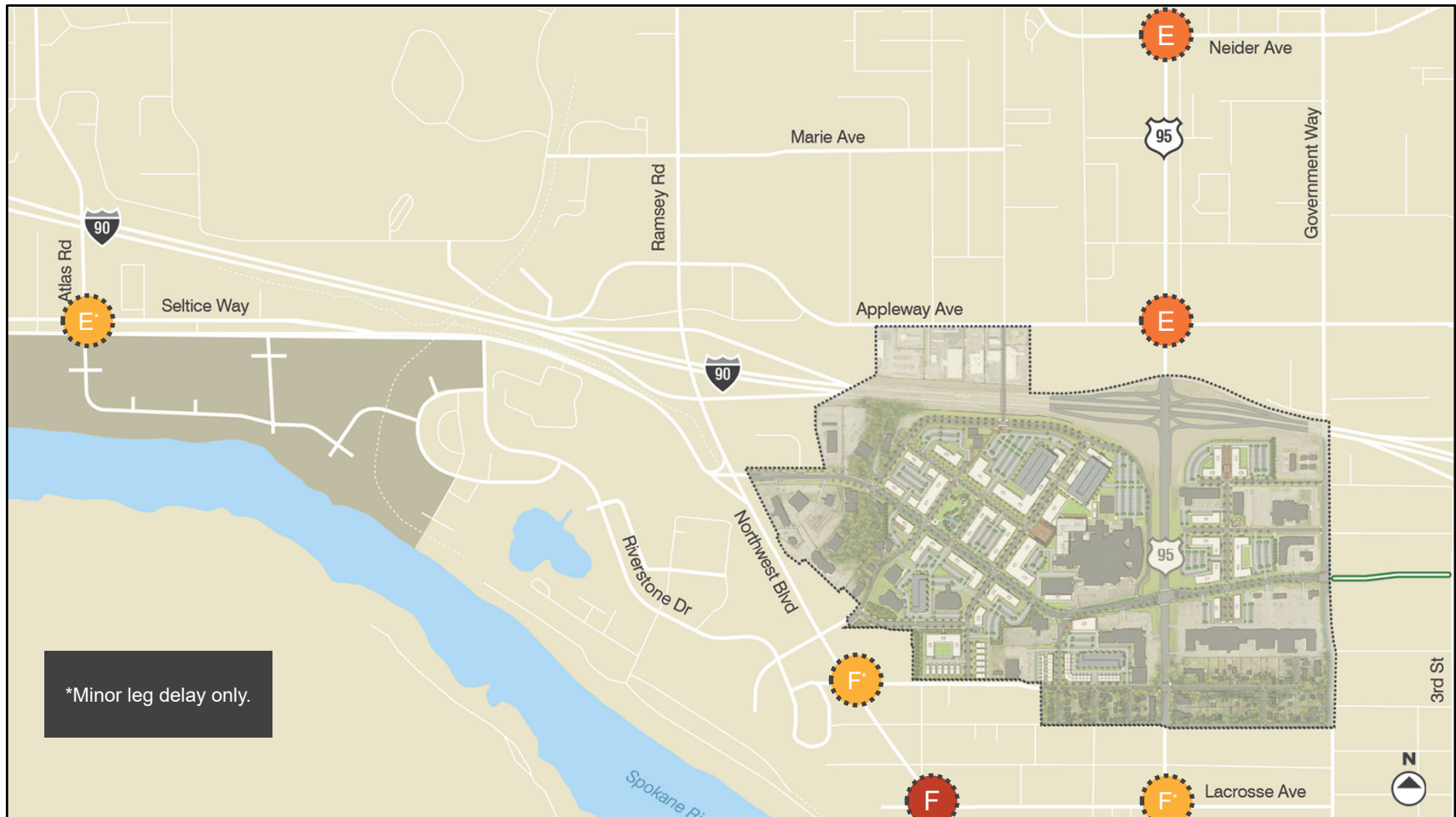
## SCENARIO 2: MASTER PLAN BUILD

### Proposed Improvements

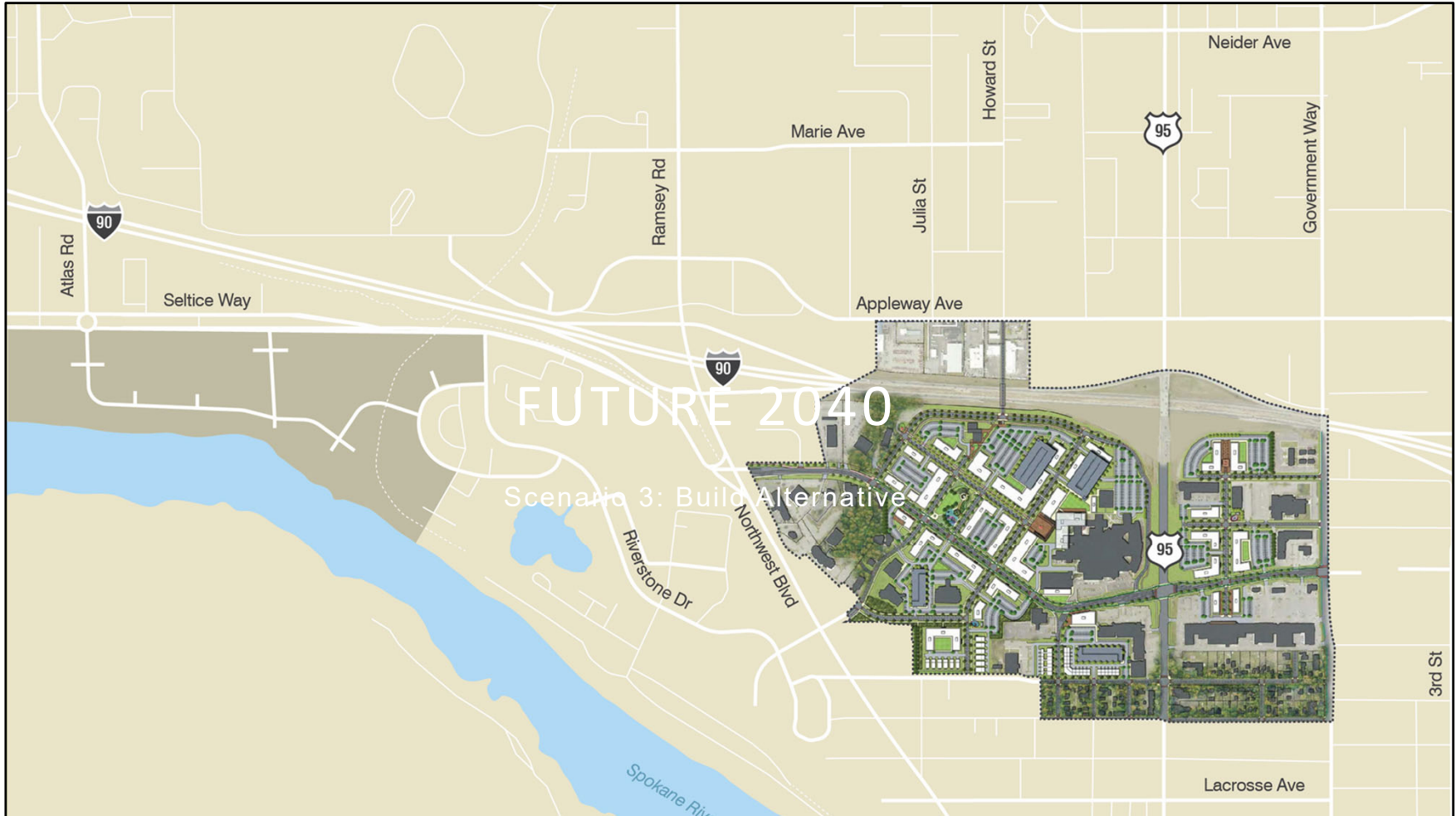
- Howard Overpass w/Signals
- Ironwood Dr Signals
- Northwest Blvd – Emma Ave Signal
- Ironwood Dr – Annie Ave Connection
- Ironwood Dr Access Management



Scenario 2 adds the Master Plan Mobility Improvements.



Traffic operations with Scenario 2 improved over Scenario 1, but as noted here, there are several intersections over capacity.



## SCENARIO 3: BUILD ALTERNATIVE

### Potential Improvements

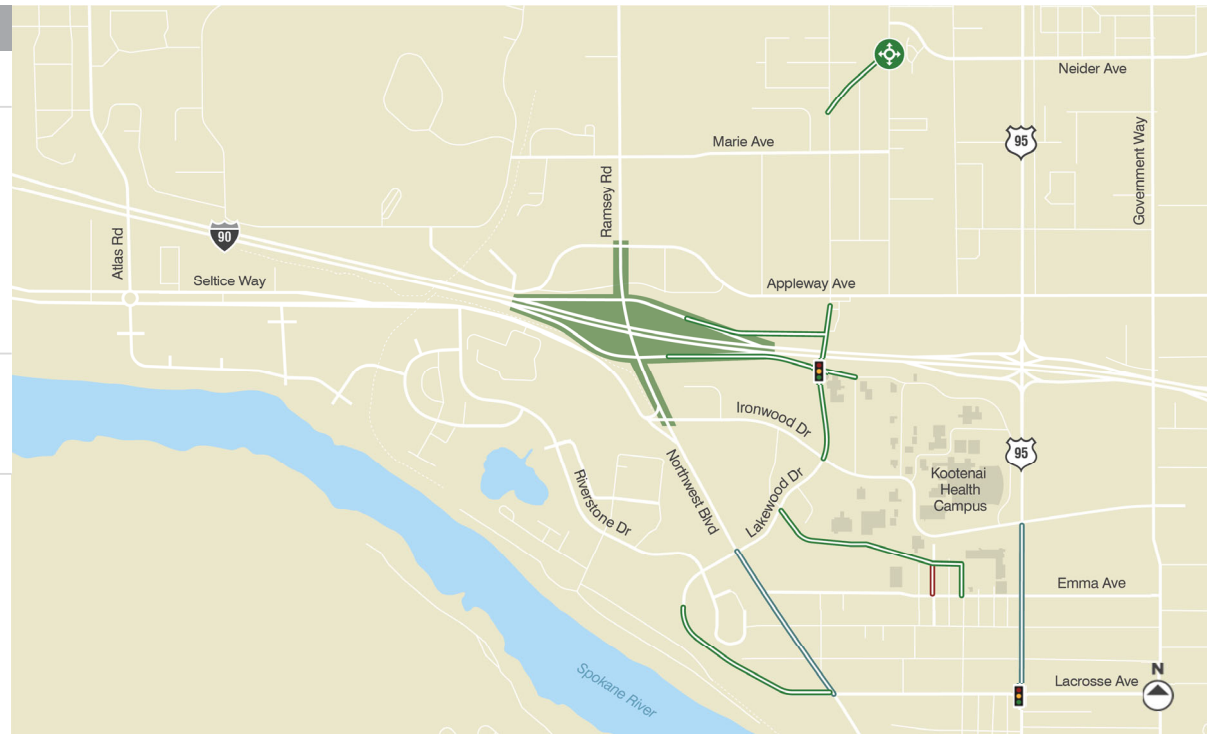
#### Part 1: Julia Overpass w/ Extensions

#### Part 2: S Health Corridor Connections

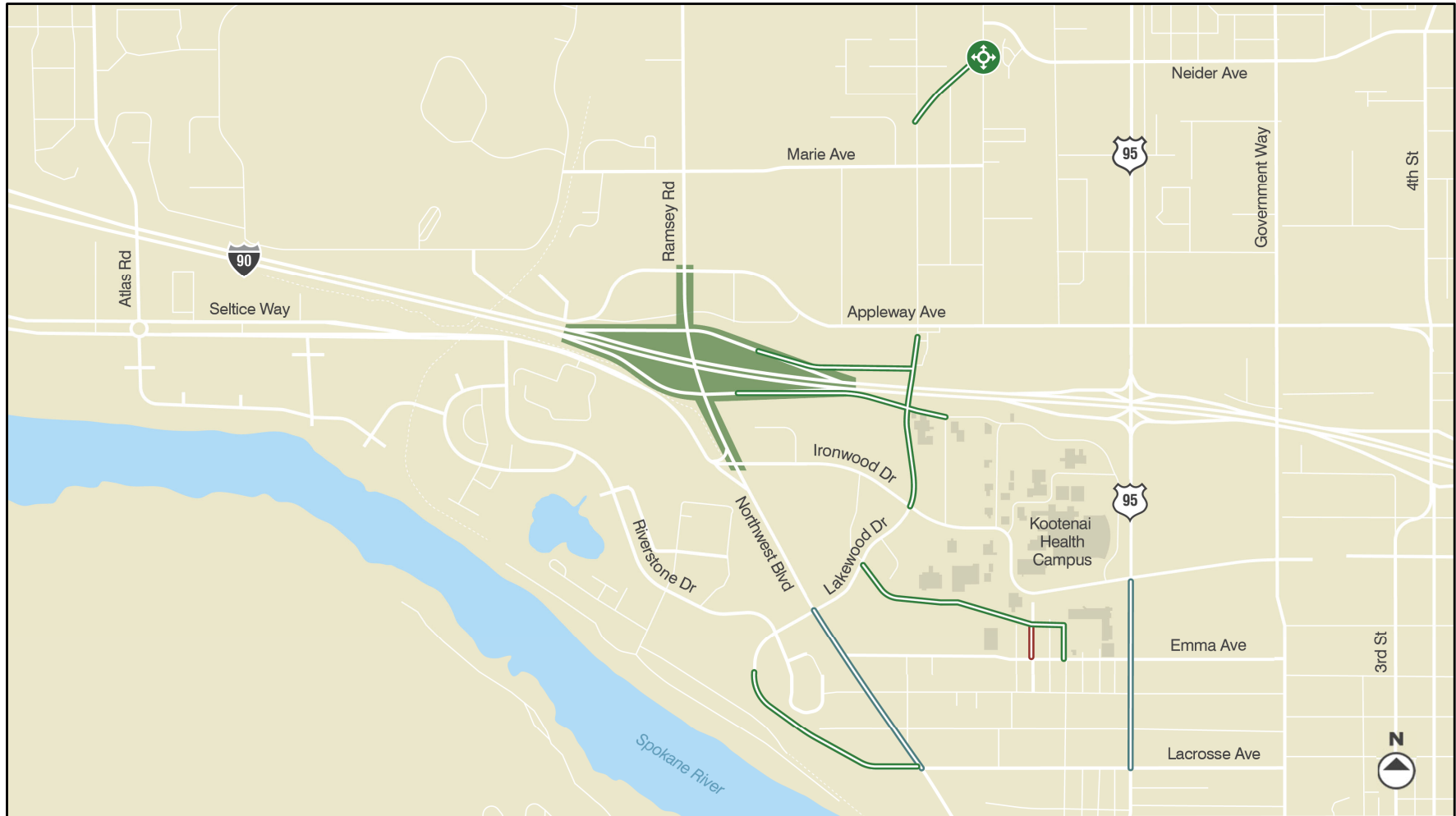
- *Local Access Connection to Lakewood Dr*
- *NW Blvd and US-95 Medians*
- *US-95/Lacrosse Signal*
- *Driveway Closures/Access Management*

#### Part 3: Interchange Improvements

- *NW Blvd IC Upgrade*
- *Frontage Roads*



For Scenario 3, modifications were made to several transportation improvements called for in Scenario 2 and some new ideas were developed, as listed here.



Traffic operations with Scenario 3 improved over Scenario 2. There are no intersections over capacity in this scenario.

## FUTURE SCENARIO COMPARISON

Scenario 1: No Build	Scenario 2: Master Plan Build	Scenario 3: Build Alternative
<ul style="list-style-type: none"> <li>▪ Existing development trend</li> <li>▪ Current transportation project plan only               <ul style="list-style-type: none"> <li>- I-90/US-95 Interchange Upgrade</li> <li>- US-95 Widening (7-lane)</li> <li>- Huetter Corridor</li> <li>- Lacrosse Connector</li> </ul> </li> <li>▪ Nine intersection failures</li> </ul>	<ul style="list-style-type: none"> <li>▪ Additional development per Master Plan</li> <li>▪ New transportation projects               <ul style="list-style-type: none"> <li>- Howard St Overpass</li> <li>- Ironwood Dr access management</li> <li>- Parallel east-west local access roads north and south of Ironwood Dr</li> <li>- Ironwood Dr – Annie Ave Connection</li> </ul> </li> <li>▪ Six intersection failures</li> </ul>	<ul style="list-style-type: none"> <li>▪ Additional development per Master Plan</li> <li>▪ New transportation projects               <ul style="list-style-type: none"> <li>- Julia Overpass with extensions</li> <li>- Ironwood Dr access management</li> <li>- Parallel east-west local access road south of Ironwood Dr</li> <li>- Northwest Blvd interchange upgrade</li> <li>- Frontage roads from Julia to Northwest Blvd interchange</li> </ul> </li> <li>▪ No intersection failures</li> </ul>

## PROJECT SCOPE – NEXT STEPS

### Project Tasks

Traffic Data Suitability/Calibration

Existing Conditions/Short-Term Solutions

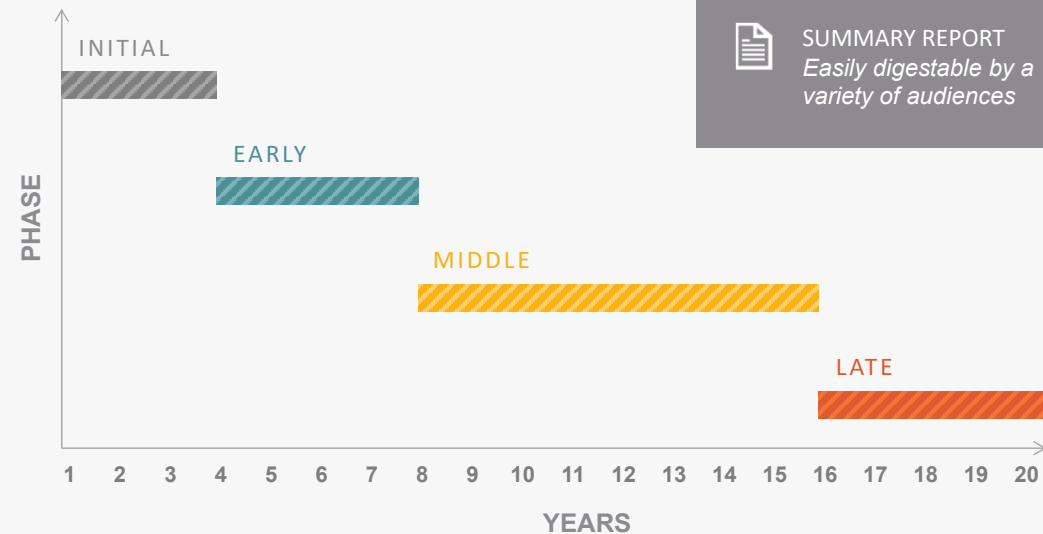
Future Conditions/Alternatives

- Scenario 1: No Build
- Scenario 2: Master Plan
- Scenario 3: Build Alternative

**Infrastructure Implementation Plan ►**

**Summary Report ►**

### PRIORITIZE IMPROVEMENTS BY PHASE:



**IMPLEMENTATION PLAN**  
*Prioritization aligned with Master Plan*



**SUMMARY REPORT**  
*Easily digestable by a variety of audiences*

Following review of these scenarios with project stakeholders, an implementation plan for the transportation improvements will be developed that aligns with the development phases outlined in the Master Plan. A Summary Report will also be developed.



Here are some of the initial lower cost recommendations of things that could be done in and around the district.

QUESTIONS AND COMMENTS