

COUNCIL WORK SESSION
Tuesday, May 24, 2016, 4:30 p.m.
Casper City Hall
Council Meeting Room

AGENDA

1. Project Citizen Presentation by Roosevelt High School (Matt Crabb)
2. Boomer Study Presentation (Bobbe Fitzhugh, Kathy Patceg, Steve Elledge)
3. Signal Timing Project Results (Andrew Nelson)
4. Budget Review
5. City Manager Report
6. Future Agenda Review
7. Council Around the Table

05.16.16

TO: His Honor, the Mayor, and Members of City Council
FROM: Roosevelt High School US Civics Class
SUBJECT: Animal Adoption Policy Amendments

Recommendation:

That Council, by ordinance, approves the amending of the process regarding adoption for high energy/active dogs. The recommendation would target City Ordinance 6.04.020 - Dog and cat licensing requirements, subsection C. The amending of the ordinance would be to merely add to the process of obtaining a license by having a required pre-adoption home check to be done by The Kennel Club in Casper, and subsequent updates on the health of the pet (verifiable via photo of the dog) and proof of a veterinary check-up confirming good health.

Summary:

The students at Roosevelt High School, acting on the behalf of high-energy dogs, and working in conjunction with local animal shelters, wish to add to City of Casper Municipal Ordinance 6.04.020 - Dog and cat licensing requirements, subsection C. This is to ensure the finding of a proper home, while lessening the chances of high-energy dogs being rehomed multiple times, thus having adverse effects on the dogs and our community at large.

The following changes to be advocating:

- Adding a required pre-adoption home check to the licensing process laid out in the City of Casper Ordinance 6.04.020 - Dog and cat licensing requirements, subsection C.
- A verification process ensuring continued health of high-energy/active dogs.
- Working inter-organizationally with (Central Wyoming Kennel Club) & Metro Animal Shelter, in an attempt to alleviate any additional budgetary concerns on either the City of Casper, Natrona County, or Metro Animal Shelter, through the use of voluntary services.

May 12, 2106

TO: His Honor, the Mayor, and Members of City Council

FROM: Community Builders, Inc.
Bobbe Fitzhugh, Principal Consultant

SUBJECT: Presentation and Delivery of Senior Services Study Update 2016

Recommendation:

That Council acknowledge receipt of Senior Services Study Update 2016 and thanks Central Wyoming Senior Services, Inc., the Casper Recreation Center, and the Study Committee members who supported this effort with participation and leadership in developing this plan and the recommendations.

It is also recommended that the City of Casper work with the Study Committee to present the results of this plan to all interested stakeholder groups in the months following formal acceptance of the plan by the Casper City Council. CBI has prepared an executive summary with key talking points and a brief Power Point that can be used for these presentations.

Summary:

The City of Casper contracted with Community Builders, Inc. (CBI) in July 2015 to update the *2008 Boomer Study*, which identified concerns and needs of that population group. The baby boomer generation is aging and placing greater demands on existing senior citizen service levels than has been seen in modern times. It is important that the City anticipate future trends and adapt to these changing demographics. It is hoped that the community as a whole will embrace the recommendations detailed in the Senior Services Study 2016.

Attached to this document is a summary of talking points for presentation to interested groups and stakeholders in the community. CBI will briefly review these points at the City Council work session on May 24th in Power Point format. Full copies of the report will be provided at that time by Tanya Johnson in the City Manager's office.

Senior Services Study Executive Summary

City of
Casper



*Working to make Casper a
livable community for people of
all ages.*



Community Builders, Inc.

April 2016

Senior Services Study Update 2016 Executive Summary and Talking Points

The City of Casper contracted with Community Builders, Inc. (CBI) in July 2015 to update the *2008 Casper Baby Boomers: A Community-Based Action Research Project for Community Services for Older Adults*. Key progress has been made from that report's recommendations.

- Purpose of 2016 Senior Services Study Update - need to anticipate future trends and adapt to these changing demographics.
- Process
 - Needs assessment survey of 32 area agencies providing services to senior population
 - Written and/or online community survey targeting those 50+ -- 420 received
 - Three main areas of concern with regard to unmet needs for the seniors - transportation, mental healthcare, and in-home services.
 - Comparison to objective demographics
 - From 2010 to 2040, population of Natrona County is forecast to grow by nearly 40%, however population of local residents 65 or older expected to reach 19,438 residents (107% growth).
 - Median age - 36.2 years old
 - 1/3 of households are home to 60+ resident; 4,000 of those live alone
 - Unemployment rate for 60+ is much lower than general population
 - People 65+ slightly more likely to be living in poverty in Natrona County (6.7%) than elsewhere in Wyoming (6.3%).
 - Created inventory of service providers in community serving those aged 50+
 - Conducted literature review
- Boomer Generation trends
 - Smaller numbers of family and friends for support systems
 - Financial-stability needs lead them to retire later or not at all
 - Want to travel and stay fit and healthy
- Study Committee met monthly and held targeted-listening sessions on identified themes
- Developed Recommendations in each thematic area categorized by level of priority
 - Level I: Options which could be implemented immediately with little or no cost.
 - Level II: Options which will require investments of time and resources to be fulfilled.
 - Level III: Long-term options requiring commitment of staff-time and significant resources on the part of one or more agencies.

Summary recommendations in each area follow.

Community Design - accessible, walkable community design; zoning code updates

Recommendations

- ✓ GIS mapping education on transitional curb cut locations
- ✓ Create Advisory Committee on community design to help evaluate community for accessibility
- ✓ Zoning Code updates to permit senior housing options such as zero lot lines, RV parking, smaller lots, etc.
- ✓ Walkable neighborhood design to construct senior apartments near retail centers
- ✓ Continued development of walkways/sidewalks to enable connectivity and promote walkability and good health
- ✓ Support sidewalk-replacement funding-assistance for damaged sidewalk areas
- ✓ Promote or require the parkway-development style in new subdivisions where greenspace is required between sidewalks and curb and gutters
- ✓ Become part of the AARP “Livable Communities” Program

Transportation - availability of adequate and affordable public or private transportation.

Recommendations

- ✓ Opportunity to expand faith-based organization transportation programs
- ✓ Transit Development Route Study to evaluate need for more flexible schedules, fixed stops and extended hours for CATC and The Bus
- ✓ Expand existing taxi voucher program
- ✓ Explore grants that would assist in the purchase of an accessible van
- ✓ Support efforts to form volunteer community service organization that provides transportation for seniors

Financial - financial transition issues facing the Boomer Generation, including retirement planning, Medicare counseling services, bank support, and events that could help seniors navigate the programs available to them.

Recommendations

- ✓ Additional programs for Medicare/Medicaid information and counseling services
- ✓ Encourage local banks to assist older patrons in learning about topics affecting them
- ✓ Media campaign to highlight positive financial contributions that exist when retirees remain in the community (the “Longevity Economy”)
- ✓ Provide tips and suggestions on making existing businesses more age-friendly
- ✓ Host a “Successful Aging Expo” in Casper focusing on the needs of the aging population
- ✓ Work with the Central Wyoming Senior Services to expand their annual Senior Fair
- ✓ Create a senior-information directory containing information on services and programs that are available to meet the needs of seniors
- ✓ Encourage modification of the Wyoming Department of Health Federal ADRC (Adult Disabled Resource Center) to create an online hub for Casper-area resources

Healthcare - discussion of public-health services; home-health care options; mental health needs; life-sustaining treatment options; and educational services to assist seniors in understanding their healthcare options.

Recommendations

- ✓ Promote private, in-home mental health counseling and care services
- ✓ Promote utilization of POLST (Provider Orders for Life-Sustaining Treatment) by providers and families to ensure that consistent directives are in place
- ✓ Support licensed hospice respite care services
- ✓ Coordination of Care improvements to improve outcomes of patients discharged from hospital
- ✓ Rural Care Transitions Program: Discuss PACE (Program of All-Inclusive Care for the Elderly), Rural Care Transitions Program, as well as telemedicine programs and its connectivity to the mental health community
- ✓ Promote Wyoming 2-1-1 to seniors - information about critical health and human services available in Wyoming communities
- ✓ Monitor and evaluate healthcare from the patient's perspective
- ✓ Develop training programs for front-line employees, first responders, and others on how to effectively interact with people who suffer from other age-related conditions
- ✓ Develop training programs for geriatric social workers and/or nurses which include involvement from local nursing homes
- ✓ Evaluate needs for a geriatric-assessment unit to be established at one of the hospitals or through some other provider
- ✓ Evaluate the need and ability to provide dedicated space to serve chronic mental health patients
- ✓ Work with the State of Wyoming to determine if it may be possible to open a branch office for Medicaid services in Casper on a regular basis
- ✓ Work with the Casper Fire Department to develop Community and Public Health Program under Community Response Team Model established by Colorado Springs Fire Department
- ✓ Facilitate a task force to work with Wyoming Medical Center (WMC) or other hospital to develop the PACE Program (Program of All-Inclusive Care for the Elderly) in Casper
- ✓ Identify funding for a program to provide individual counseling services to seniors needing assistance dealing with the various problems related to aging

Housing - support the growing population of seniors who wish to remain in the community and who have desire to remain in their own homes. Single-level, single-family homes that meet the needs of an increasingly disabled resident are difficult to find.

Recommendations

- ✓ Work with the WCDA Tax Credit Program to encourage the funding of a project in Casper that would be dedicated to residents age 55 and over
- ✓ Facilitate meeting of the assisted living industry, nursing homes, and the Wyoming Department of Health to discuss potential changes in the regulations for transitioning residents from assisted living to nursing home environments
- ✓ Encourage the City to adopt a requirement that new home construction include a recommendation (not a requirement) for Universal Design Standards which call for one bedroom, one bathroom, and the cooking area be designed to be accessible for someone with physical restrictions
- ✓ Identify concepts that are needed to support housing developments designed for seniors.
- ✓ Host workshop for seniors and developers to examine additional options for housing units that may require amendments to codes or changes in financial packages to move forward. Examples include equity exchange; cluster homes, granny flats
- ✓ Develop program to provide assistance to seniors for services that would address needed improvements and repairs to individual homes
- ✓ Work with developers to conduct a market study of demand and need for new housing options that would appeal to seniors

Lifelong Learning, Social and Civic Engagement, and Recreation - Providing and promoting a variety of leisure activities that develop and enhance social-networking opportunities.

Recommendations

- ✓ Develop comprehensive inventory of resources to include active and passive recreation and fitness options, facility descriptions, transportation access, organized trips, tours and cruises, and venues to pursue lifelong learning
- ✓ Support a “Community Reads” program where books are provided, read, and discussed by participants of all ages
- ✓ Host a program on preparing individual histories or utilizing seniors to learn more about their connection to the history of Casper
- ✓ Collaborate with the Small Business Administration (SBA) on development of a local SCORE program
- ✓ Assist in recruiting instructors for basic classes on technology for seniors, including courses on basic computer and internet skills
- ✓ Work with local museums on a passport program for seniors which would include an incentive for seniors to visit all of the local museums, historic sites, parks, etc., during the summer months
- ✓ Host a meeting with representatives from Central Wyoming Senior Services, the Wyoming Department of Health’s Aging Division, local government, and state legislators to discuss how to enhance the funding model for senior centers to support operations beyond the meal-based model which is currently used by the Federal/State Agencies on Aging
- ✓ Encourage support of the Casper YMCA on their capital investment in new facilities which will continue to serve the senior population in the center of the community
- ✓ Continue to support construction of new trails and improved accessibility of existing trails throughout the community

Workforce/Employment and Volunteer Opportunities - Utilize retirees in the workforce in meaningful and gainful ways.

Recommendations

- ✓ Revisit demographics on Boomers turning 65 and evaluate possible impacts on the workforce in public and private sectors of the economy
- ✓ Increase awareness of volunteer opportunities and how to get involved
- ✓ Work with the Department of Workforce Services (DWS) to develop a skills-bank database and jobs clearinghouse that connects older workers with employers for needed job skills, flexible working conditions, and other options
- ✓ Expand Serve Wyoming's volunteer database

Senior Services Study Executive Summary



Presentation to the Casper City Council

May 24, 2016

*Working to make Casper a livable
community for people of all ages.*



Purpose and Process

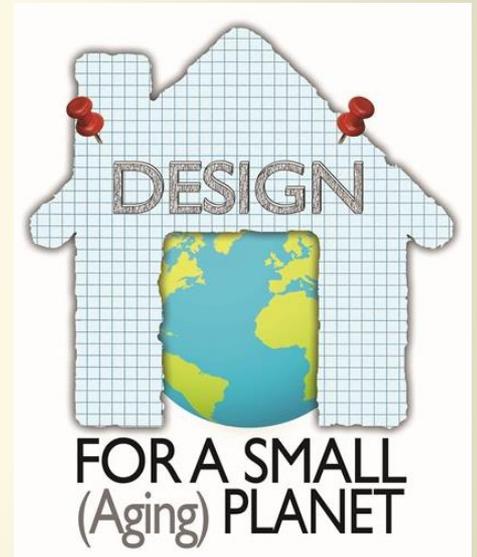
- ▶ Study Committee Oversight
- ▶ Interviews of 32 area agencies
- ▶ Community survey
- ▶ 3 major concerns
 - Transportation
 - Mental healthcare
 - In-home services
- ▶ Comparison to objective demographics
- ▶ Inventory of service providers
- ▶ Literature review
- ▶ Boomer trends

Study Committee Recommendations

- ▶ Six thematic areas
- ▶ Prioritized based on cost, time, resources
 - Level I
 - Level II
 - Level III

Community Design

- ▶ GIS mapping
- ▶ Advisory committee
- ▶ Zoning code updates
- ▶ Walkable neighborhood design
- ▶ Walkways/sidewalks
- ▶ Parkway development style
- ▶ AARP “Livable Communities” Program



Transportation

- ▶ Faith-based organization interface
- ▶ Transit Development Route Study
- ▶ Taxi voucher program
- ▶ Accessible vehicle grant
- ▶ Volunteer driver/vehicle program



Financial



- ▶ Additional programs for Medicare/Medicaid information and counseling services
- ▶ Bank support
- ▶ Media campaign
- ▶ “These Things Help” business campaign
- ▶ Successful Aging Expo
- ▶ Expanded annual Senior Fair
- ▶ Senior Information Directory
- ▶ Federal ADRC Model

Healthcare – Level I

- ▶ In-home mental health
- ▶ Provider Orders for Life-Sustaining Treatment
- ▶ Licensed respite care
- ▶ Coordination of care
- ▶ Rural Care Transitions Program
- ▶ Wyoming 2-1-1
- ▶ Monitor and evaluate healthcare from patient perspective

Healthcare – Levels 2&3

- ▶ First responder training
- ▶ Geriatric social worker and/or nurse training
- ▶ Geriatric assessment unit
- ▶ Chronic mental health space
- ▶ Medicaid office
- ▶ Community and public health program
- ▶ PACE program
- ▶ Individual counseling services funding

Housing



- ▶ WCDA tax credit
- ▶ ALF regulation modification
- ▶ Universal Design Standards
- ▶ Senior housing development support
- ▶ Workshop for housing code options
- ▶ Single-family home maintenance services
- ▶ Needs assessment for senior housing

Livelong Learning, Social and Civic Engagement, Recreation

- ▶ Inventory of resources
- ▶ Community Reads program
- ▶ Family history
- ▶ Service Corps of Retired Executives
- ▶ Technology training
- ▶ Museum passport program
- ▶ Funding senior centers
- ▶ YMCA and Aquatics Center support
- ▶ Trail development



Workforce, Employment, and Volunteerism

- ▶ Review demographics
- ▶ Volunteerism
- ▶ Skills database bank
- ▶ Volunteer database



The Community Builders, Inc. Team!

- ❖ Bobbe Fitzhugh
- ❖ Joe Coyne
- ❖ Kathy Patceg
- ❖ Steve Elledge
- ❖ Linda Witko



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April 12, 2016

MEMO TO: V.H. McDonald, City Manager

FROM: Liz Becher, Community Development Director *lb*
Andrew Nelson, MPO Manager *AN*

SUBJECT: Council Work Session – Signal Timing Project Results

Summary:

In March 2015, the MPO Policy Committee selected KLJ, a Bismarck-based engineering firm with a local office in Casper, to complete a signal timing optimization study of 2nd Street. This project was later expanded to include all City of Casper signals in a separate contract through the City's Engineering Division. Mike Bittner, the project manager from KLJ, will attend the Council Work Session on May 24 to provide a final presentation on this project.

Background:

Traffic signal retiming and coordination efforts have proven to be one of the most cost-effective ways to improve traffic flow and make streets safer. "Studies around the country have shown the benefits of area-wide signal timing outweigh the costs forty to one," according to KLJ's final report.

KLJ used a five step evaluation to conduct the study, including (1) data collection, (2) traffic modeling, (3) infrastructure analysis, (4) timing plan development and refinement, and (5) evaluation and reporting. This process allowed KLJ to have the most recent data available, then model future traffic patterns off of that data based on existing conditions and technology. They then evaluated additional improvements that could be made through assumptions in improving the infrastructure, both physical and technological, throughout the study area's 55 intersections. KLJ will have a team on site in Casper to conduct field testing and calibration of their models during the week of May 23-27.

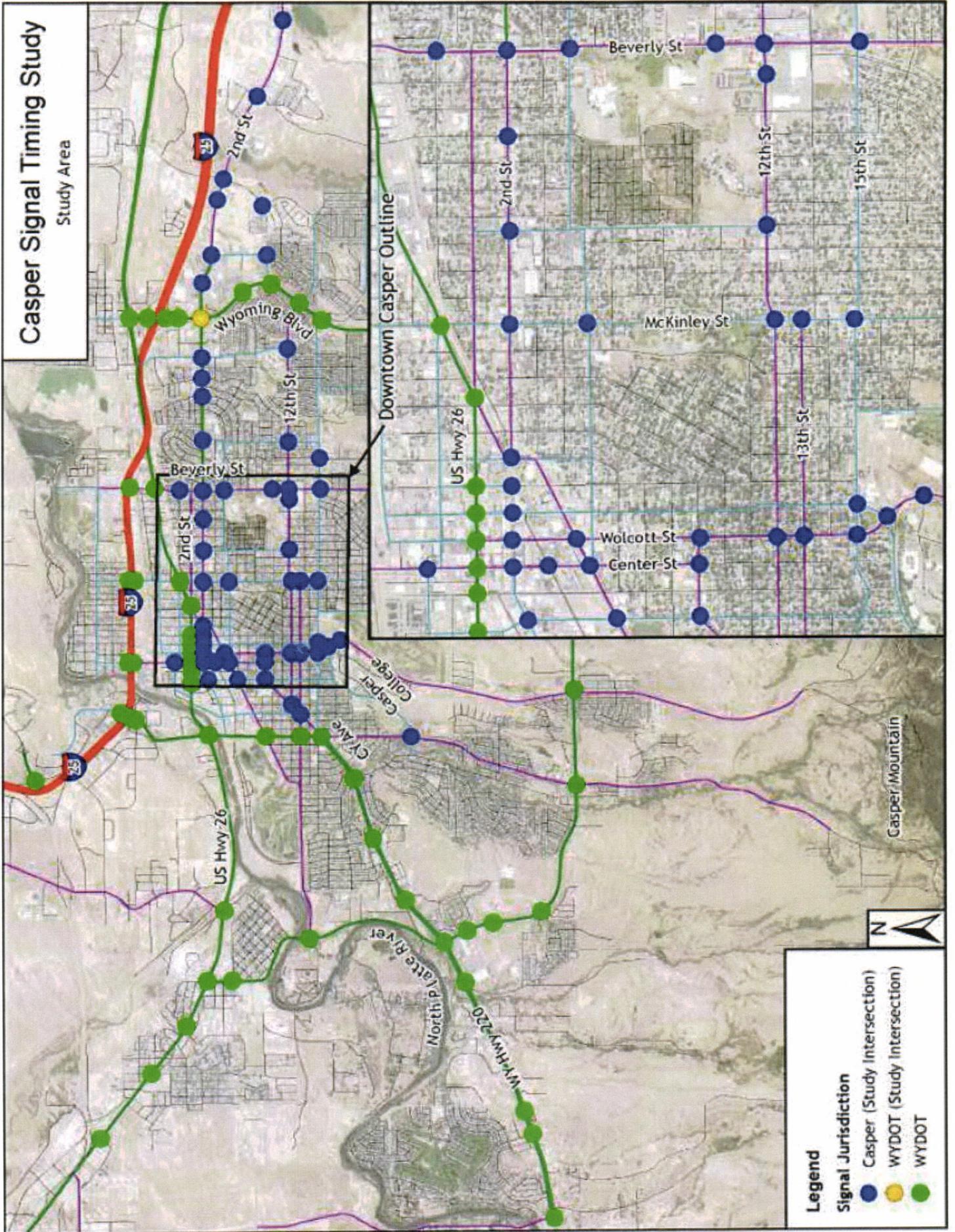
Data was collected in April and May 2015 and helped determine levels of service (LOS) at each intersection location. Based on a preliminary analysis of this data, KLJ estimates Casper signal timing can be improved 38% during the morning peak travel period and 32% in the afternoon peak travel period. For example, optimization at 2nd Street and Beverly could improve flow from an LOS D to an LOS B. Other improvements, such as geometric changes or left-turn phasing revisions, could yield additional efficiencies. Finally, vehicle emissions of carbon monoxide, nitrogen oxide, and volatile organic compounds could be reduced by 10% through an optimized signal system.

During their presentation to Council, KLJ will provide an overview of this process and the signal optimization effort currently underway. They will also briefly address other analyses that could improve traffic flow, including signal warrants, intersection reconfiguration, road diets, and other techniques.

Funding for this project came from a consolidated transportation planning grant through the Federal Highway Administration, Federal Transit Administration, and the Wyoming Department of Transportation.

Casper Signal Timing Study

Study Area



May 24th, 2016



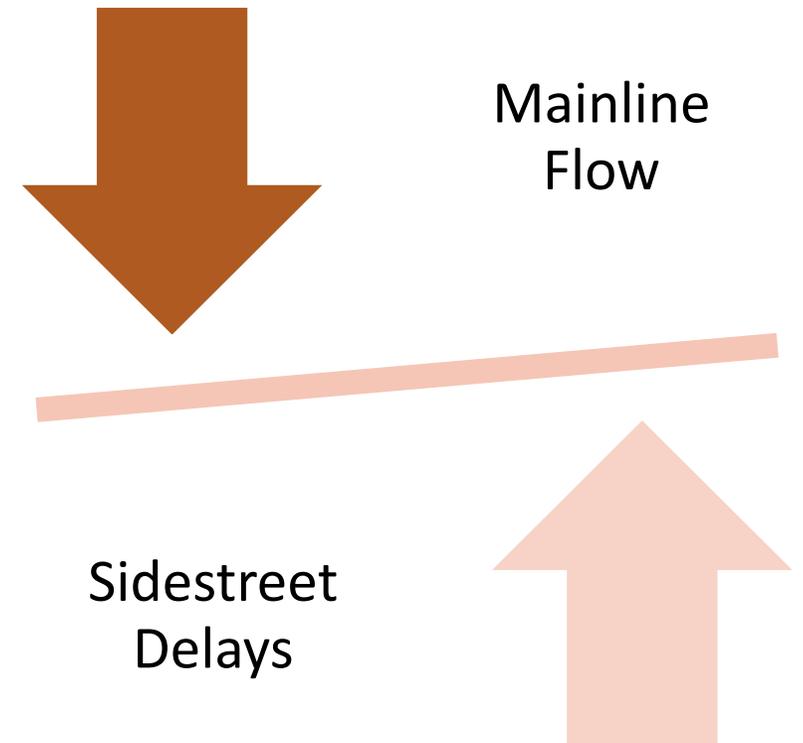
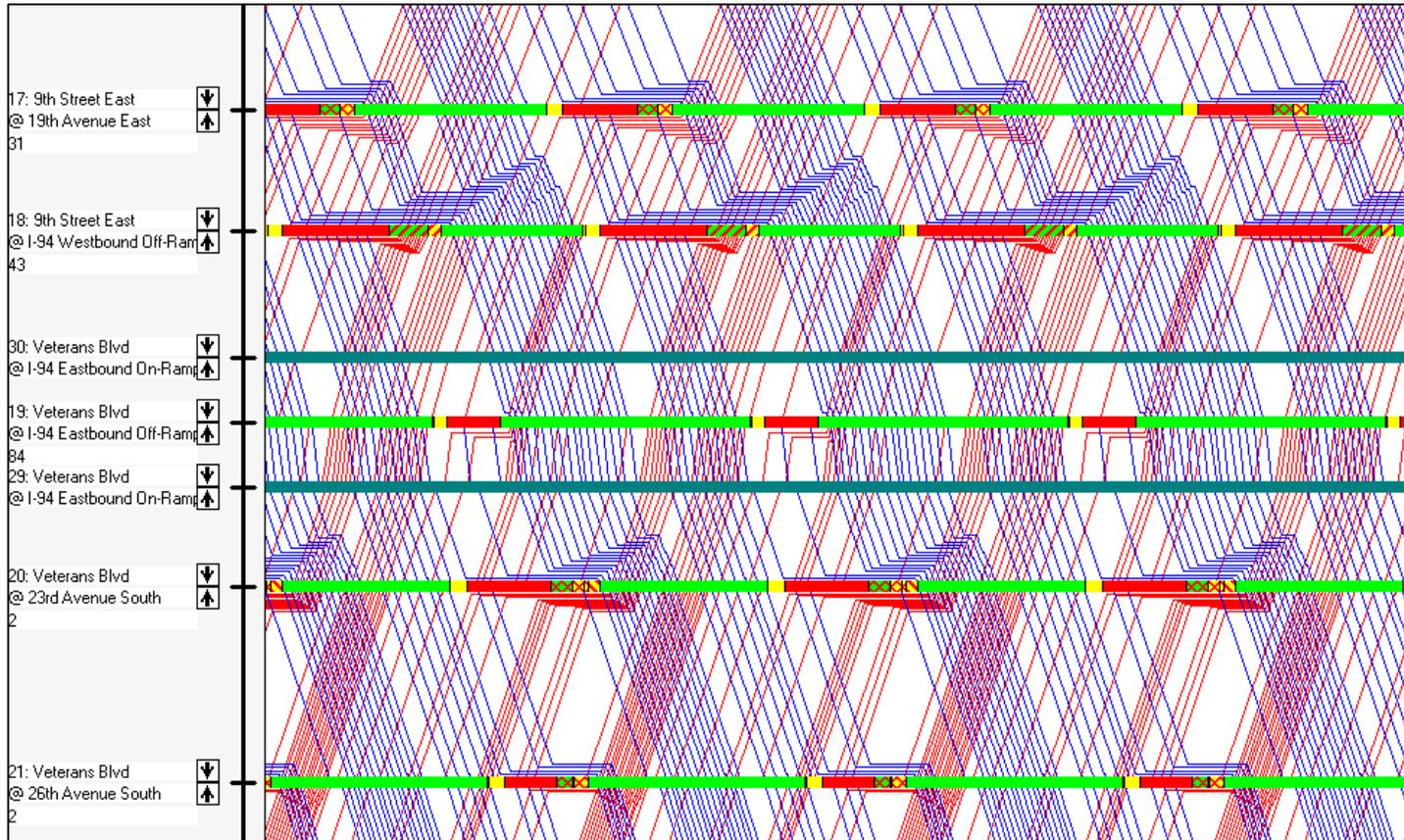
Signal Timing Study

Council Work Session

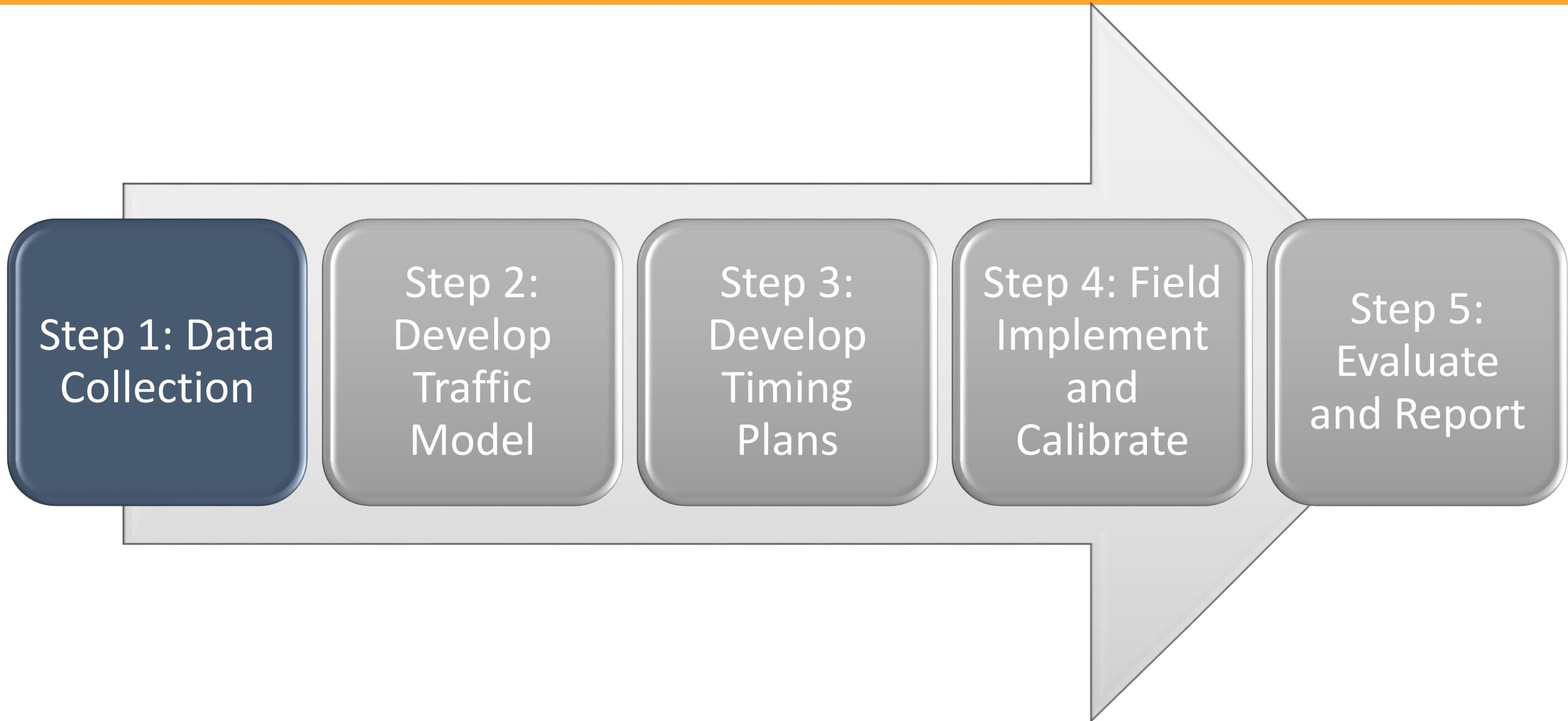


Signal Timing is Easy Right?

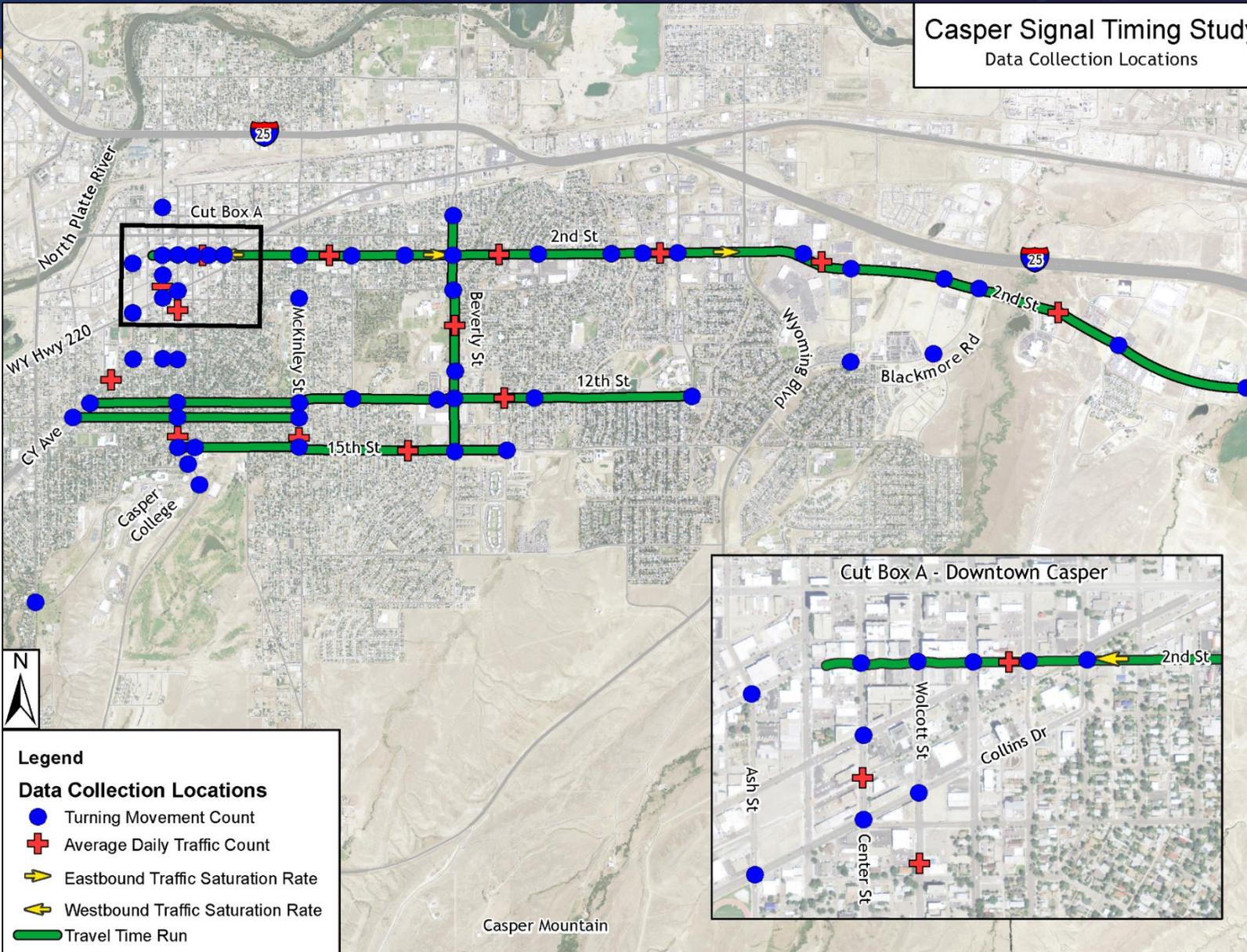
- » Balance Opposing Directions
- » Bi-Directional Coordination



Study Process



Data Collection



Intersection Turning Movement Counts (TMC)
 • 54 Intersections



Average Daily Traffic Counts (ADT)
 • 14 Locations



Saturation Flow Rates
 • 3 Locations

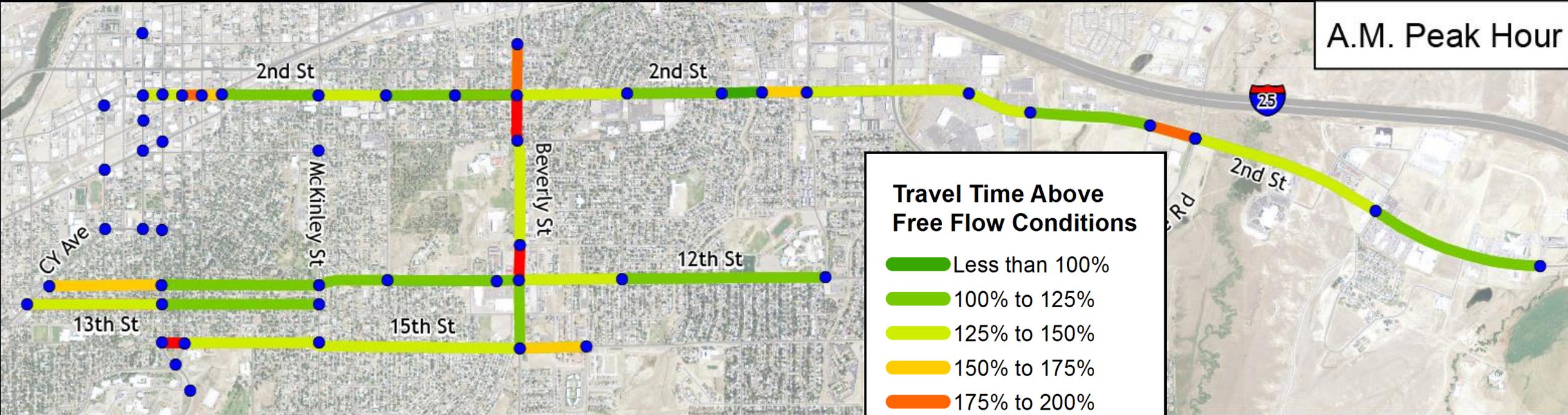


Corridor Travel Time Study
 • 4 Corridors (Bi-Directional)

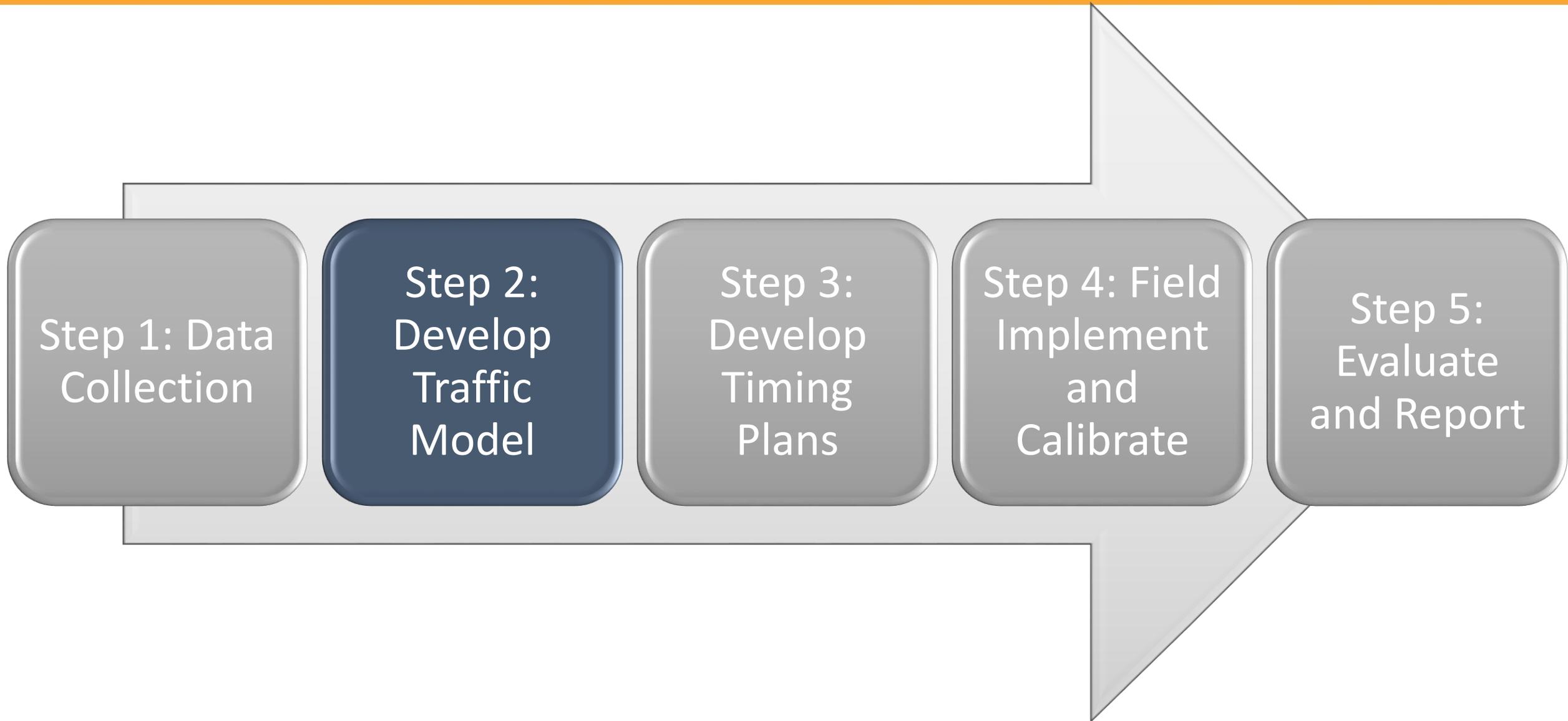


Site Survey

Travel Time



Study Process



Signal Timing Benefits



Peak Hour Delay

- -38% AM Peak
- -32% PM Peak



Cost

- \$10.4 Million Saved Yearly



Vehicle Emissions

- -11% Peak Hours



Crash Reduction

- -8 to -18% Reduction (FHWA)

Level of Service

Traffic Operations

- A
- B
- C
- D
- E
- F

Increasing Delays

- » Before Optimization; 41 Deficient Approaches
- » After Optimization; 11 Deficient Approaches

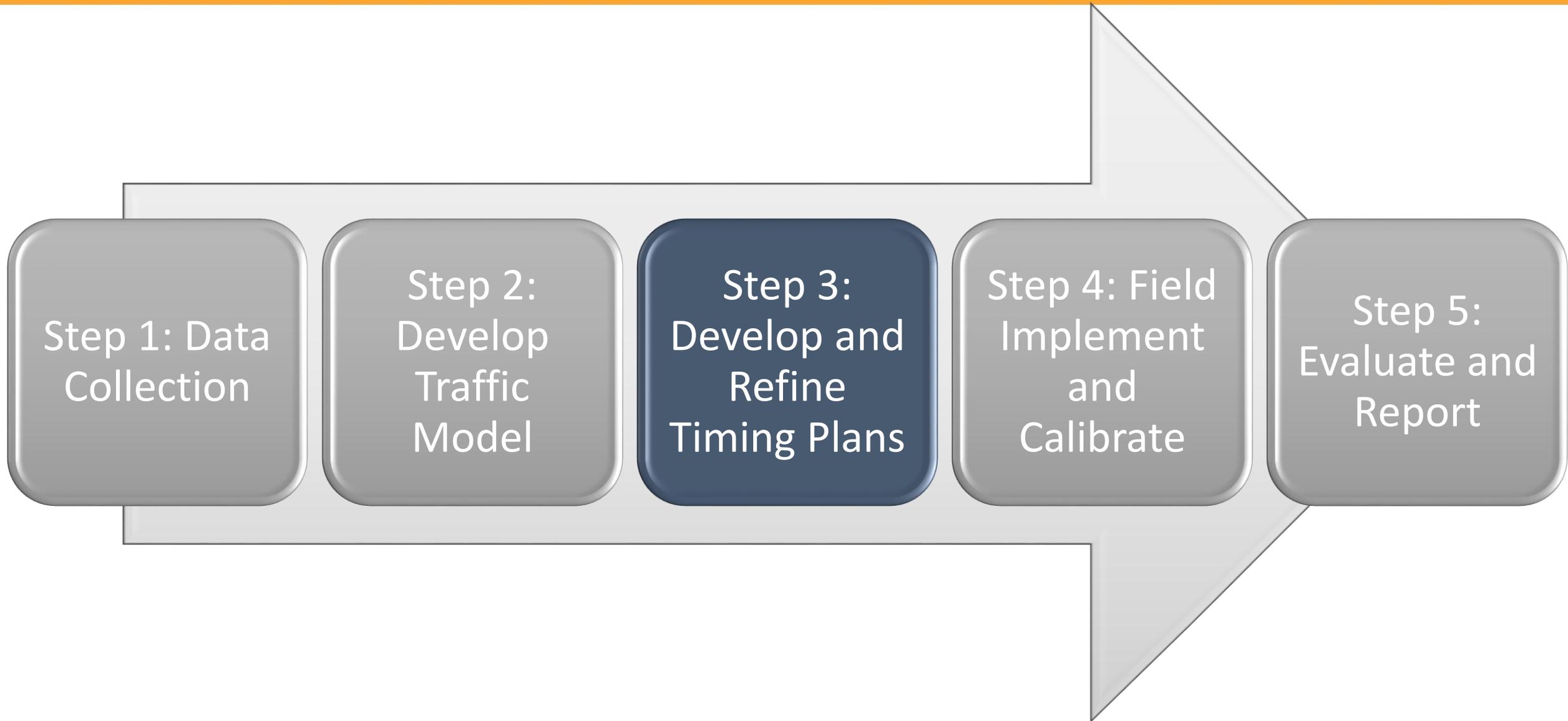
» Center St./5th St./Collins Dr. – AM Peak



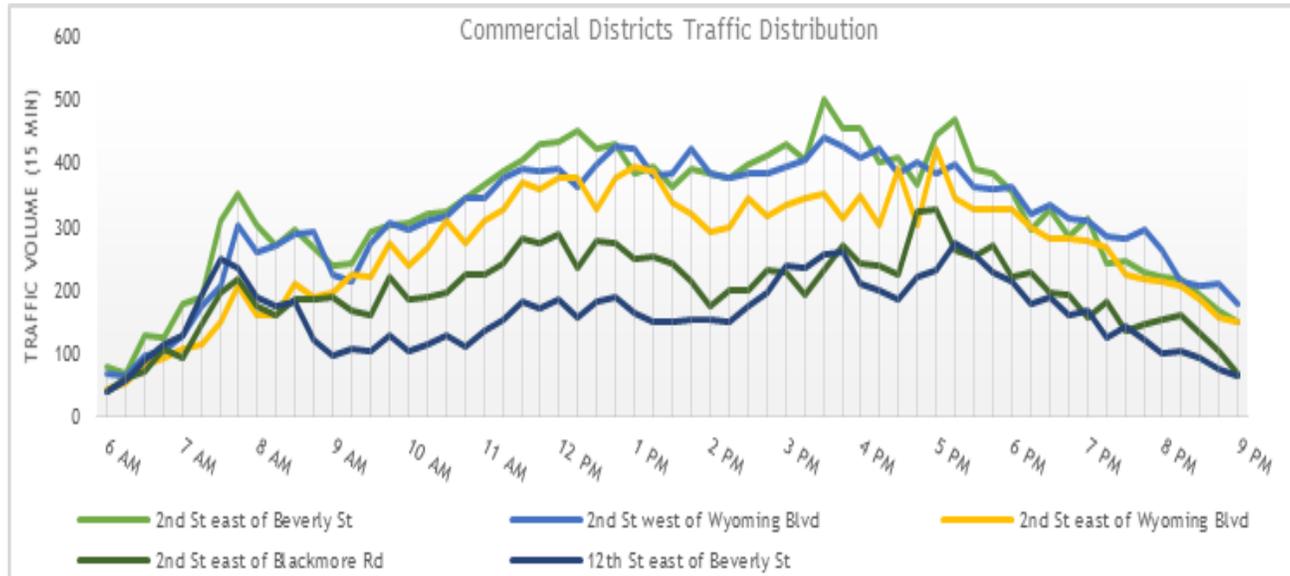
» 2nd St./Walsh Dr. – PM Peak



Study Process



Commercial District



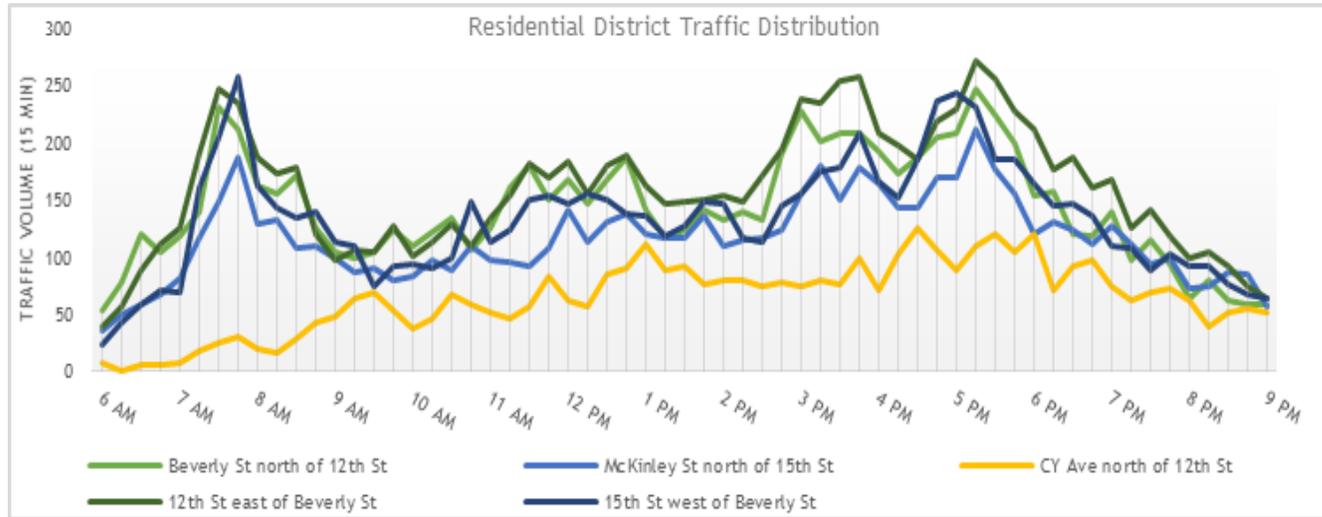
- » High Mainline Volumes during Peak Weekday Hours
- » High Sidestreet Volumes During Off-Peak and Weekends
- » High Speeds
- » Minimal Pedestrian Activity

Commercial District Speed Analysis

Location	Posted Speed (mph)	85 Percentile Speed (mph)	Percent above Posted
2nd Street east of McKinley Street	30	41	37%
2nd Street east of Beverly Street	30	38	27%
2nd Street west of Wyoming Boulevard	30	42	40%
2nd Street east of Wyoming Boulevard	30	31	3%
2nd Street east of Blackmore Road	40	49	23%
12th Street east of Beverly Street	30	34	13%



Residential

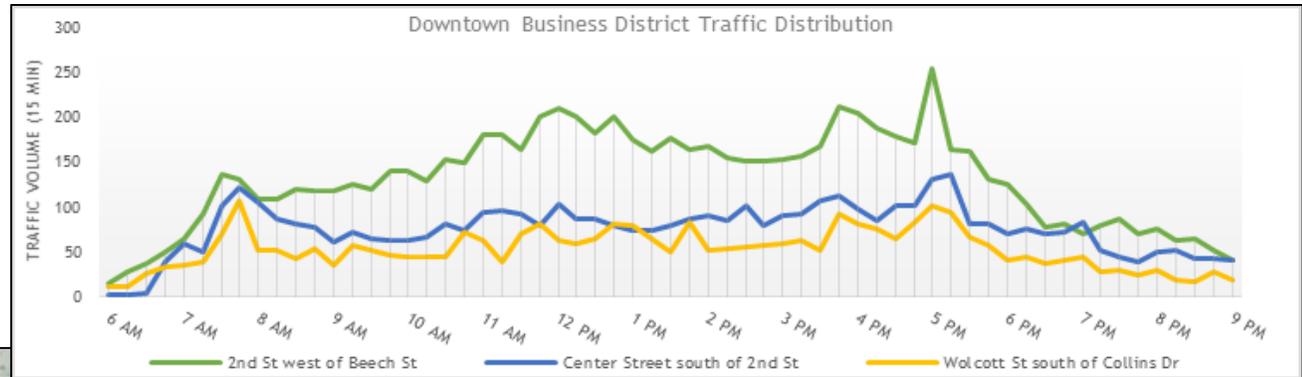


- » Majority of Study Intersections
- » Defined Peak Periods
- » School Related Peaks
- » Pedestrians During Specific Periods
- » High Access Density



Downtown

- » Active Pedestrian Center
- » Steady Traffic Throughout Workday (8-5)
- » Not Designed for Speed



Left-Turn Phasing

- » Protected Left-Turn Phasing
 - » 40 Unwarranted Protected Left-Turn Phases
 - » Skipping by Time of Day
 - » Lagging Where Advantageous



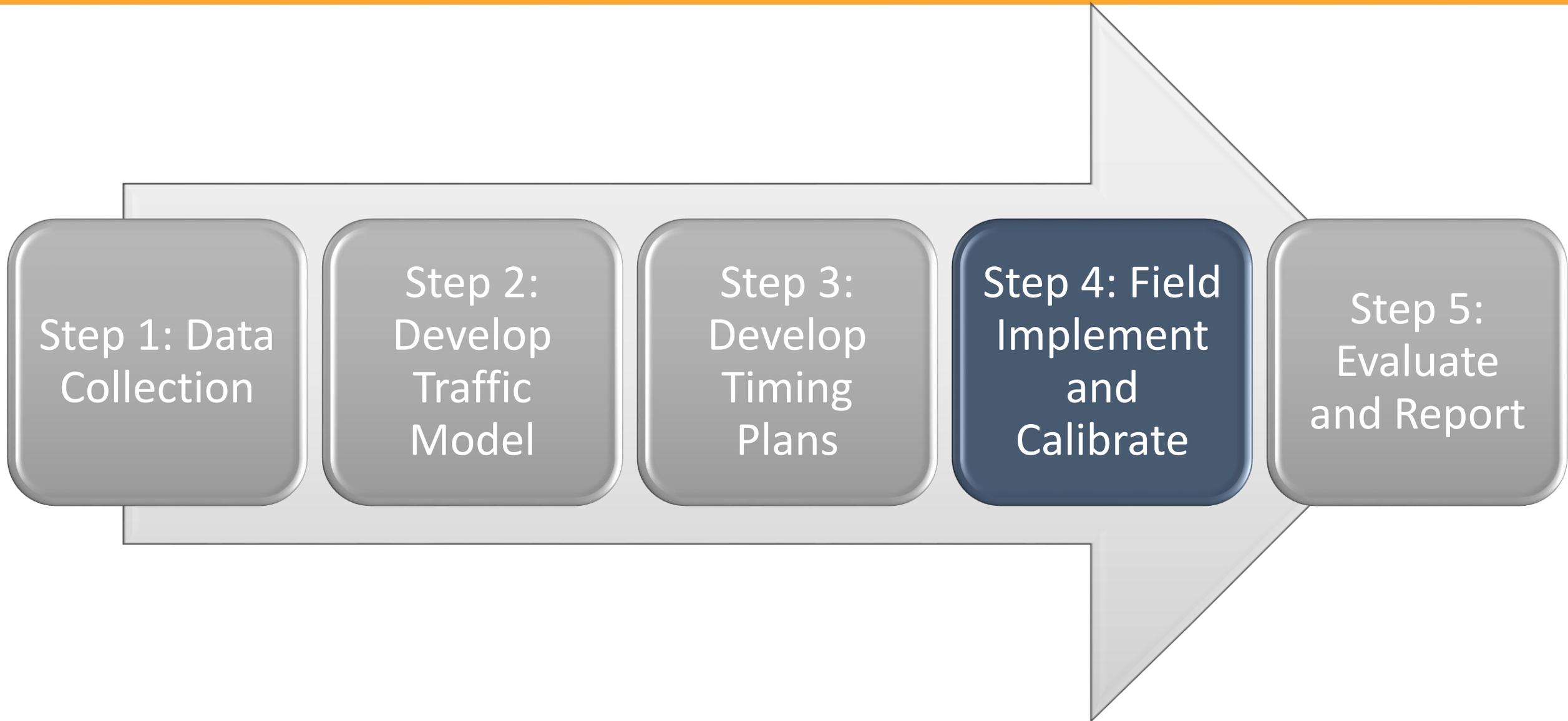
Operations

Late Night Flash

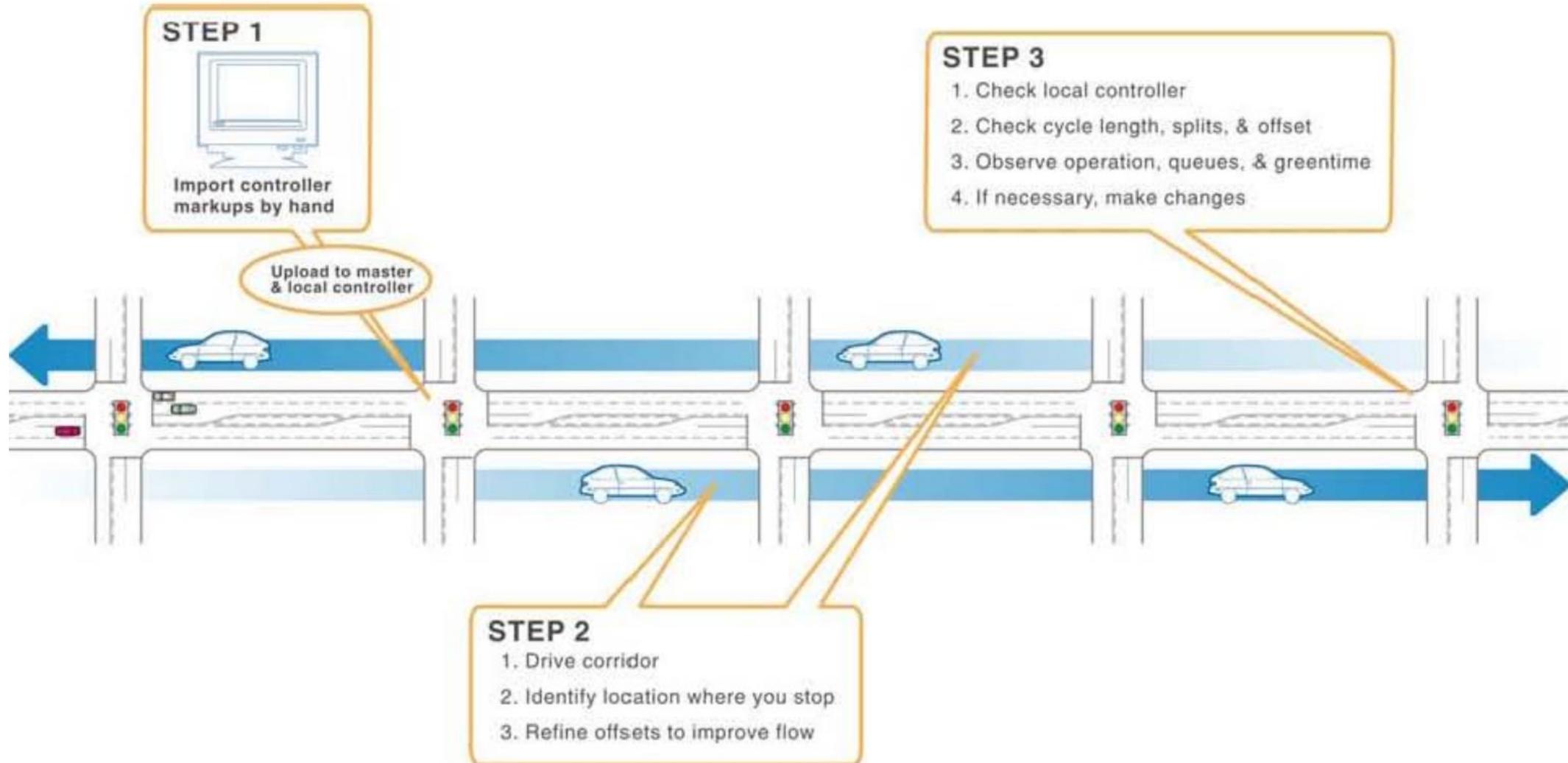


- » Remove in Favor of “Free” Timing Plans
 - » Safety; Increases Crash Potential by 50%
 - » Operations; Unnecessary with Sidestreet Detection
- » Need Efficient Detection

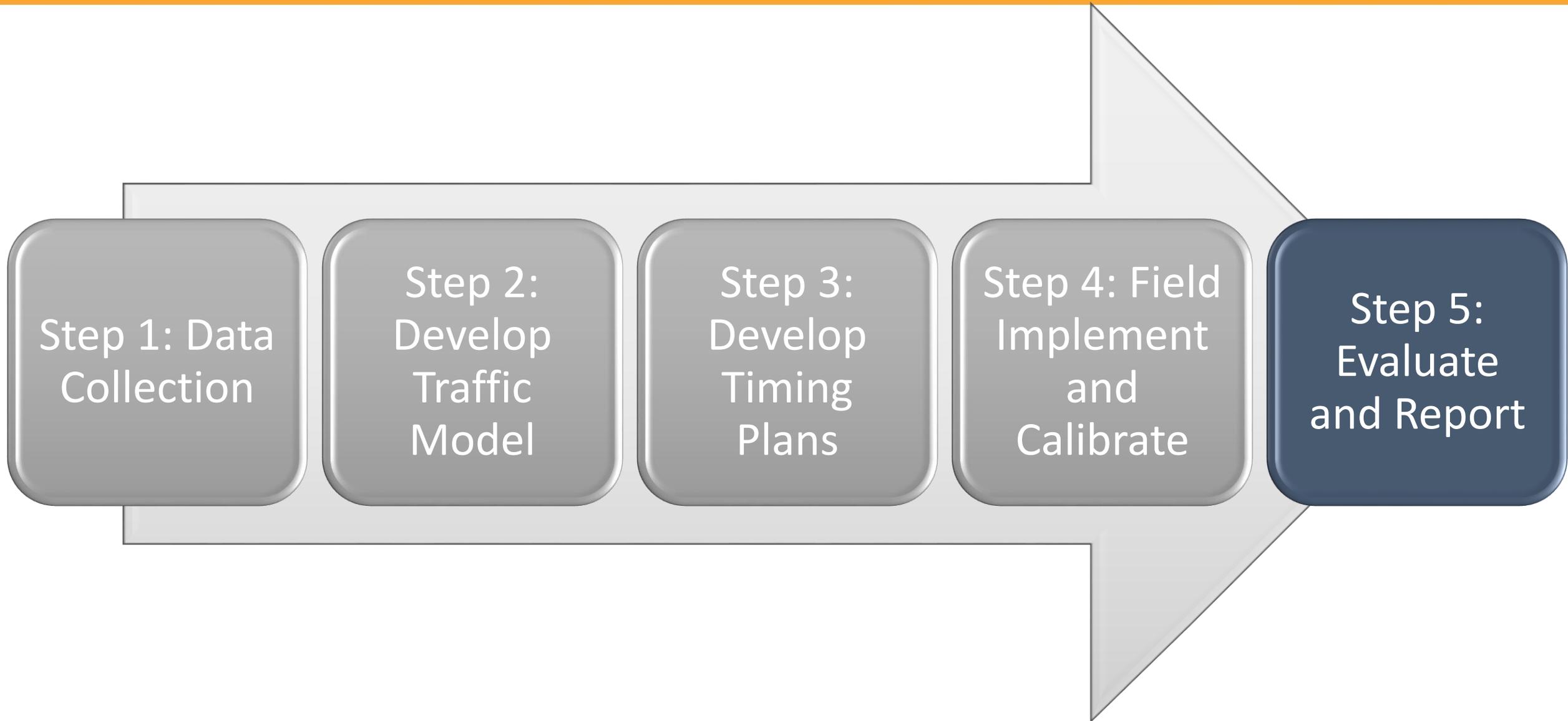
Study Process



Field Implementation and Calibration



Study Process

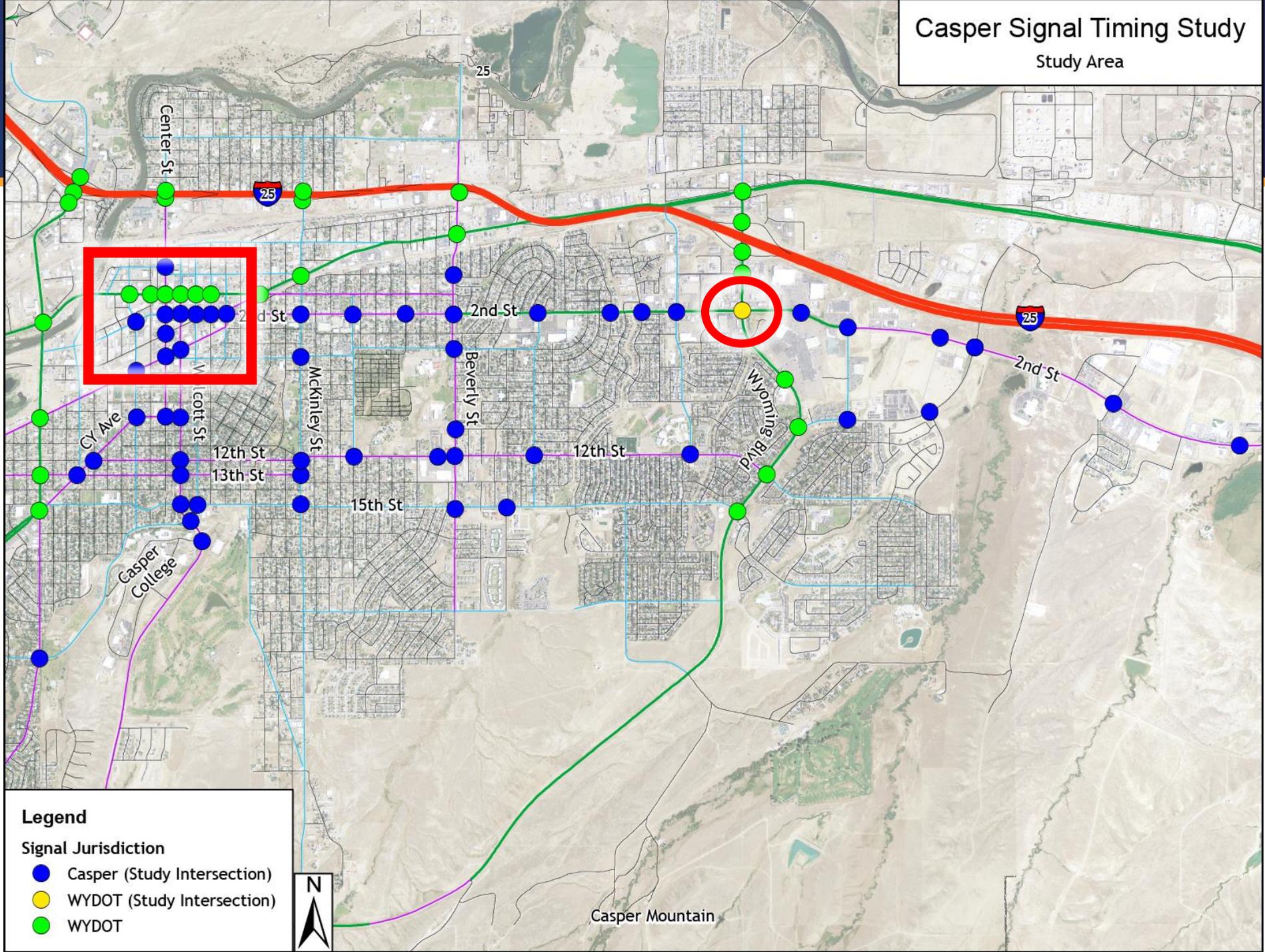




Barriers to Traffic Progression

Signal Timing Study

WYDOT Signals



- » 2nd and Wyoming Boulevard
 - » Busiest Signal in City
 - » Located in Middle of Busiest Corridor
- » US 26/1st Street through Downtown
 - » No Communication between Signals
 - » Short Cycle Lengths

Legend

Signal Jurisdiction

- Casper (Study Intersection)
- WYDOT (Study Intersection)
- WYDOT



Access Management



- » Barrier System-Wide
- » Inconsistent Progression
- » Key Issue at 12th, 15th, Wolcott, McKinley



Future Improvements Opportunities

Signal Timing Study

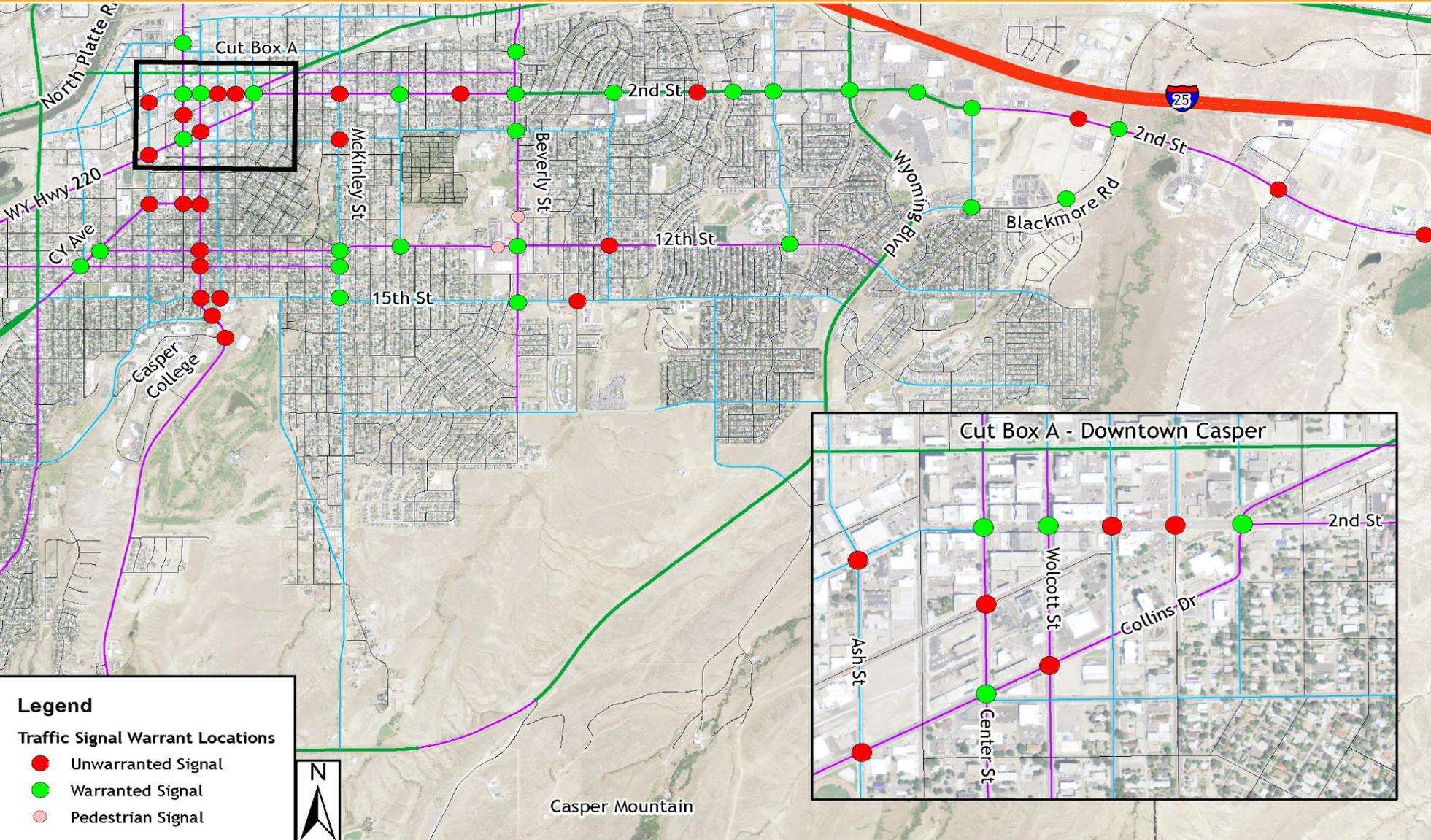


Flashing Yellow Arrow



- » Benefits vs. 5 Section Pro/Perm Heads;
 - » 68% Reduction in Left-Turn Crashes
 - » Can Be Operated as Lagging Left
 - » Can Skip Protected Phased Without Confusion
- » Benefits vs. 3 Section Protected Only Heads;
 - » Reduced Delays
- » Phased Implementation

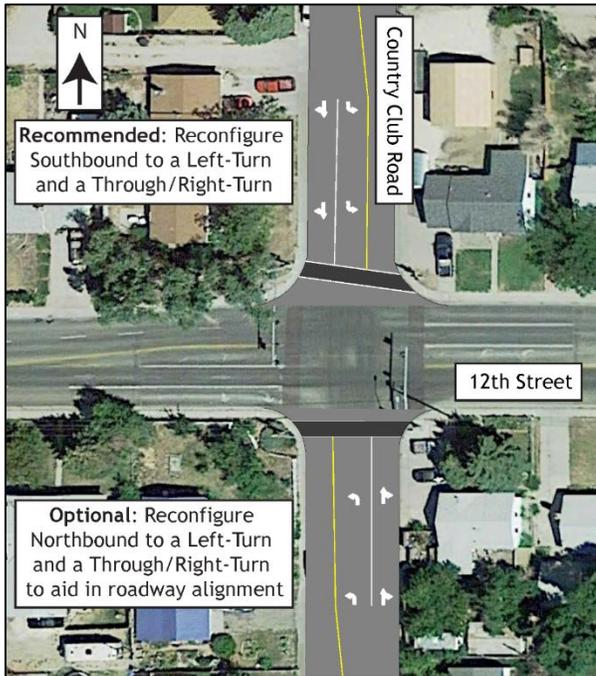
Signal Removal



- » 26 Unwarranted Signals
- » Removal of Unwarranted Signals;
 - » -24% Vehicular Crashes
 - » Eliminates Unnecessary Delay
 - » Eliminates Undue Costs
- » Detailed Analysis in Report

Turn Lane Improvements

- » 4 Turn Lane Improvements Recommended
- » Cost Range: \$20,000-\$60,000
- » Mitigates Deficient Operates

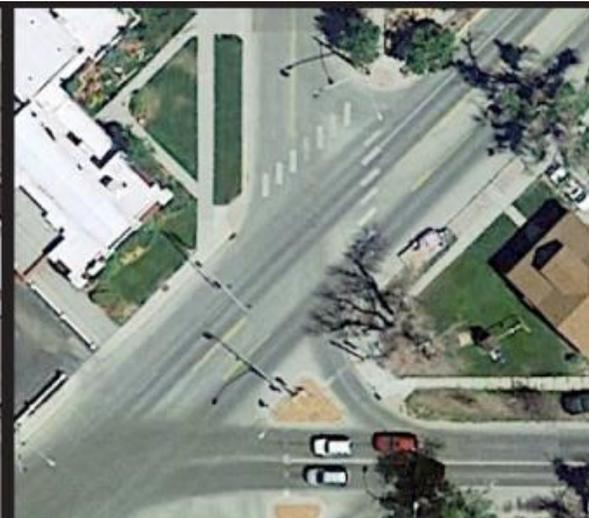


Full Intersection Reconfiguration

» Recommendation; Conduct Study at the Following Intersections



Center St, 5th St & Collins Dr



CY Ave, 12th St & Spruce St

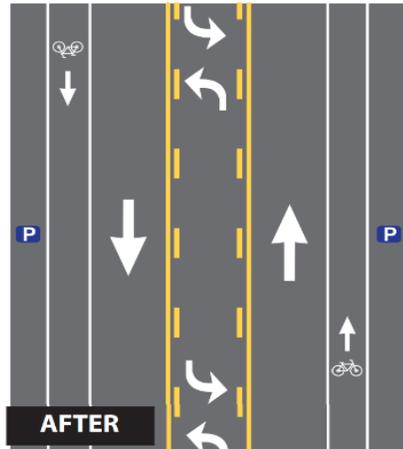
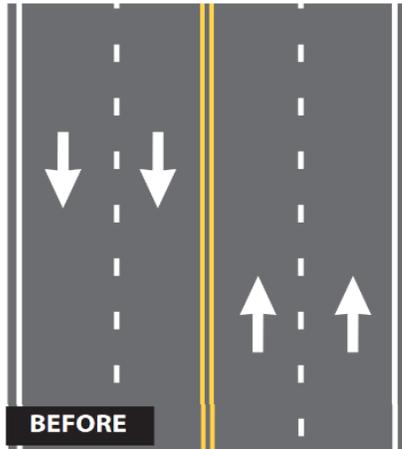


CY Ave, 13th St & Walnut St



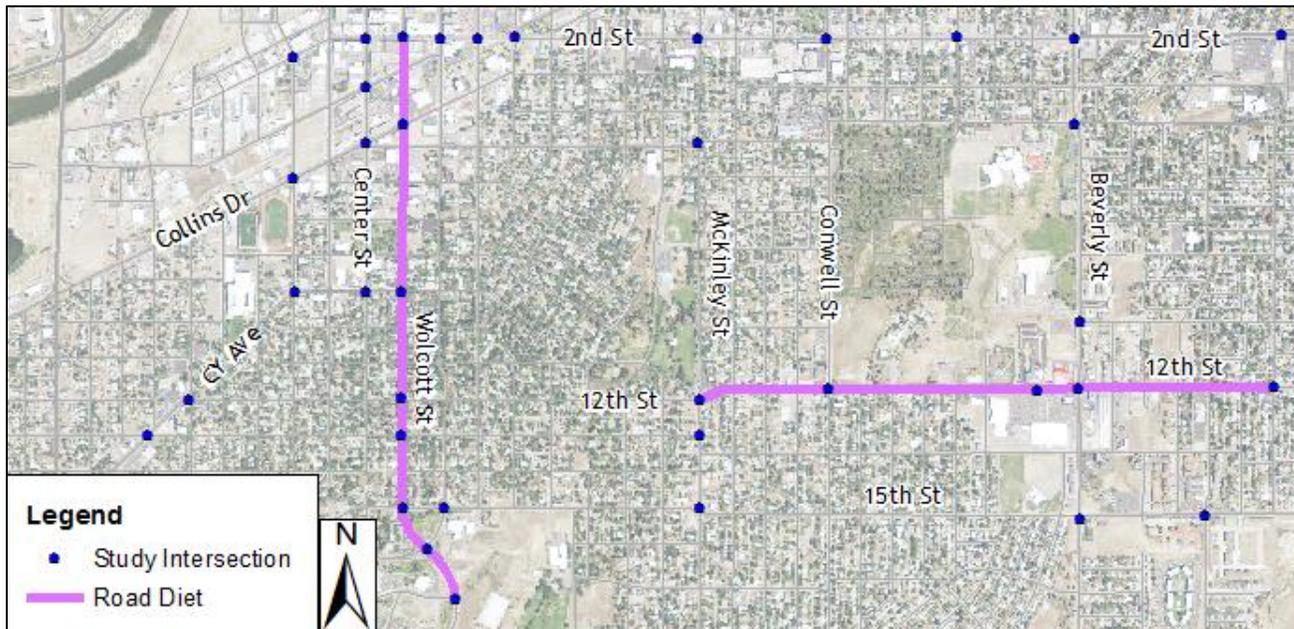
McKinley St & 5th St

Road Diet



» Benefits of Road Diets;

- » Reduces Crash Potential by 30% or More
- » Allows for Multimodal Facilities
- » Calms Traffic by 1-2 MPH
- » Accomplished with Only Pavement Marking Changes



» Wolcott Street

» 12th Street

Intersection Functional Area



Parking

- » **City Code;** No Parking within 30' of Traffic Signal
- » **Recommendation;** Clarify Parking Restrictions with Signs and Striping at Problem Areas

Access Management



- » Crash Rate +2% for Every Unsignalized Driveway
- » -2.5 MPH for Every 10 Driveway/Mile
- » City Code; 200' Arterials, 125' Collectors
- » **Recommendation;** Access Management with Future Road Projects



Questions, Comments Discussion

Signal Timing Study

