

CITY OF INDEPENDENCE

WEST/EAST CONNECTIVITY

Hoffman

Stryker

Marigold

Polk

Williams

Monmouth Street

F Street

G Street

Madrona

Gwinn

Chestnut

Key West/East Through Connections

Key West/East Connections

CITY OF INDEPENDENCE NORTH AND SOUTH CONNECTIVITY

16th

Gun Club

13th

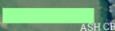
Monmouth Street

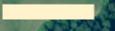
10th

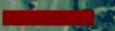
7th

4th

Main

 Good Connectivity to Street Across Monmouth Street

 Connectivity to Through Street Across Monmouth Street

 Does not Connect to Through Street Across Monmouth Street



MONMOUTH STREET AND MAIN

PROBLEM: The intersection at Main Street and Monmouth Street is a prominent pedestrian intersection and experiences long vehicular backups, especially during peak hours. By 2040, the intersection is expected to function at a Level of Service F if no changes are made.

POTENTIAL ALTERNATIVES:

- Install a turn lane for each leg of the intersection. This alternative would require restricting on-street parking for up to two blocks.
- Install a traffic signal when warrants are met. The intersection operation could be further enhanced with the turn lanes listed above.
- Create a couplet from Main to 4th with Monmouth Avenue going one-way and either C Street or D Street going the other.
- Use the existing street network to create a “square-about” or “rectangle-about” in downtown.
- Install a roundabout or light (when warrants are met) at 3rd or 4th to allow people an alternative route to turn to go west without having to travel through intersection.
- Install the southern arterial– this alternative is expected to improve operations at the intersection without any changes to the intersection.

WHAT ARE YOUR THOUGHTS? WHAT IS YOUR PREFERRED ALTERNATIVE?



TURN LANES WITH OR WITHOUT LIGHTS



INDEPENDENCE ELEMENTARY SCHOOL

Fourth Street

D Street

Monmouth Street

Main Street

C Street

ONE-WAY COUPLET (C STREET)



INDEPENDENCE ELEMENTARY
SCHOOL

Fourth Street

D Street

Monmouth Street

C Street

Main Street

ONE-WAY COUPLET (D STREET)



SQUARE-ABOUT



RECTANGLE-ABOUT



INDEPENDENCE ELEMENTARY SCHOOL

Fourth Street

Monmouth Street

Main Street

D Street

C Street

IMPROVEMENT AT 3RD OR 4TH



RIVER ROAD AND MAIN STREET

PROBLEM: The intersection at River Road and Main Street currently experiences long backups, and an inordinate number of rear-end collisions. By 2040, the intersection is expected to function at a Level of Service F if no changes are made.

POTENTIAL ALTERNATIVES:

- Install a westbound left-turn lane.
- Reconfigure the intersection with a four-way stop, and install a westbound right-turn lane and a southbound left-turn lane .
- Reconfigure the stop signs at the intersection to allow the southbound traffic and westbound right to operate free.
- Install a single-lane roundabout.

Each of the alternatives would either require widening the bridge or adding more right-of-way. Considerations about how best to tie these improvements to a potential future southern arterial should also be made.

WHAT ARE YOUR THOUGHTS? WHAT IS YOUR PREFERRED ALTERNATIVE?



POLK STREET AND MAIN STREET

PROBLEM: The intersection at Main Street and Polk Street is a heavily used by pedestrians, experiences the bulk of Independence's truck travel, and has an inordinate number of collisions when compared with similar intersections. With additional traffic, the intersection is expected to function at a Level of Service F by 2040. Backups at the intersection often encourage individuals to take Stryker Road as an alternative means to travel around the intersection.

POTENTIAL ALTERNATIVES:

- Installing a left-turn lane on Polk Street (potentially with a traffic light).
- Installing a single-lane roundabout.
- Making the turn lane on Main Street a two-way left turn lane.

WHAT ARE YOUR THOUGHTS? WHAT IS YOUR PREFERRED ALTERNATIVE?



LEGEND

MAJOR SOUTHWEST PLAN STREETS = 

KEY INTERSECTIONS TO SERVE AREA =  **A**

LOCAL STREET CONNECTIONS =  **B**

KEY PEDESTRIAN ROUTES =  **C**

ACCESS TO SOUTHWEST AREA

PROBLEM: The southwest area is expected to receive hundreds of new homes over the next 20 years, but the area has limited connectivity with the surrounding roadway network. Construction of the roads in the plan, along with a variety of the other improvements are likely necessary to support the development of the area.

POTENTIAL ALTERNATIVES:

- A. Ensure that major roads in the southwest area (7th, 13th, 16th, G and the future Mt. Fir) have safe methods to connect with important local streets.
- B. Ensure that adjacent local streets are well connected into the southwest area.
- C. Establish strong bike and pedestrian connections to key destinations and other trails.

WHAT ARE YOUR THOUGHTS? WHAT ARE YOUR PREFERRED ALTERNATIVES?

OPTIONS ON MAJOR STREETS TO ACCOMMODATE TRAFFIC FROM SOUTHWEST AREA

A. Attempt to Create Safe Places to Turn On and Off Major Roads (Only at a Limited Number of Intersections)



Roundabout



Traffic Light



Two-Way Left-Turn

B. Attempt to Encourage Individuals to Take Alternative Routes Through Town



TWO WAY LEFT TURN LANE ON MONMOUTH

No Two-Way Left Turn Lane is present on Monmouth Street from the Ash Creek Bridge (Approximately 7th Street) to Downtown. Monmouth Street is only two lanes of traffic.

Two Way Left Turn Lane
Stops at Ash Creek Bridge

A Two-Way Left Turn Lane is present from 8th Street to 17th Street (and beyond into Monmouth).



Segment without Turn Lane
(Near Monmouth Street and 5th)



Segment with Two Way Left Turn Lane
(Near Monmouth Street and 10th)

Two-Way Left Turn Lane

BIKE ROUTE TO MONMOUTH

PROBLEM: Few good bike routes exist between Monmouth and Independence.

POTENTIAL ALTERNATIVES:

- A. Improve bike lanes on Hoffman Avenue and Polk Street.
- B. Create a safe bike route on Marigold and Williams that connects with a future trail north of the wastewater treatment ponds.
- C. Construct the Ash Creek Trail.
- D. Improve bike lanes on Monmouth Street.
- E. Create a new trail and bicycle boulevard on E Street.
- F. Create a route that connects with Madrona in Monmouth.

WHAT ARE YOUR THOUGHTS? WHAT IS YOUR PREFERRED ALTERNATIVE?



A. HOFFMAN

B. MARIGOLD

C. ASH CREEK

D. MONMOUTH

E. E STREET

F. MADRONA

Off-Street Trail

On-Street Route (Bike Lane or Bike Boulevard)