

# Jackson Main Street

On S Jackson St between 23rd Ave S and MLK Jr Way S.

## Applicant Problem

Lack of a “Main Street”: The overall vision is to make this part of S Jackson St our neighborhood’s main street. This street must be safe and inviting for all people - whether they are walking, biking, taking the bus, driving, or visit a local business or social service. Incorporate 23rd action plan, neighborhood plan

**Pedestrian Safety:** Crossing S Jackson St is an uncomfortable and sometimes unsafe experience.

**Small Business Encouragement:** Small business along S Jackson St are struggling. Part of the reason is because the environment of S Jackson St creates an unpleasant street to stop, cross the street, and shop.

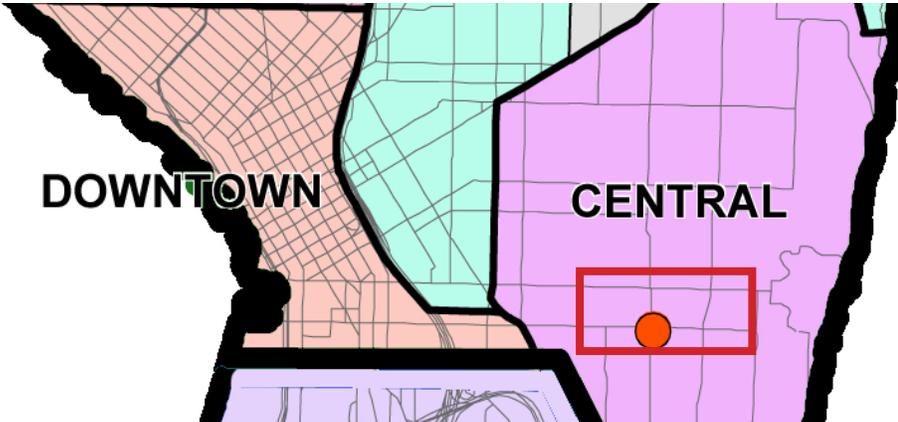
**Transit Access:** 23rd Ave S and S Jackson St is a hub of critical routes for our neighborhood, the 8, 48, and 14, and 4 but transferring between buses is not easy or intuitive.

## PROJECT TYPE

Roadway & Pedestrian  
Crossing Improvement

## COST ESTIMATE

\$280,000



## Applicant Solution

### Lack of a “Main Street” and Small Business

**Encouragement:** By creating raised crosswalks at the gateways to our main street at MLK and 23rd Ave S it will signal that people have arrived in a place where they should expect to yield to people walking to the local businesses.

**Pedestrian Safety:** Raised crosswalks at MLK Way S and 23rd Ave S would also increase pedestrian safety by slowing vehicles as they approach the crosswalks, making pedestrians more visible, and giving visual priority to people walking. We also propose a raised crosswalk somewhere between 23rd Ave S and MLK Way S where people are expected to be crossing at high frequency (TBD by the community and SDOT). Additionally, we recommend striping a crosswalk with high visibility marking at 26th Ave S. Finally, we ask SDOT to investigate and potentially implement protected turning phases at MLK Way S to reduce hazards from turning vehicles. These improvements should not preclude future bike lanes as designated in the Seattle Bicycle Master Plan - although this grant is not seeking funding to implement them.

**Transit Access:** We propose a real time arrival sign for the southbound bus stop just south of S Jackson St that serves the King County Metro routes 48 and 4. We also propose a real-time arrival sign for people waiting to head westbound on the route 14 on S Jackson St outside the Starbucks.

We would also like SDOT to see if there are upgrades that can be done for the Washington Middle School crosswalk into the park.

This application has been discussed and received verbal support from SDOT’s Safe Routes to School Coordinator/ Pedestrian Master Plan coordinator (Brian Dougherty) and SDOT’s Vision Zero chief safety staff member (Jim Curtin).

# Seattle Department of Transportation (SDOT) Review

## Project Description

S Jackson St is a principal arterial with 1 lane in each direction. Between 23rd Ave S and 25th Ave S, S Jackson St has a center 2-way left turn lane. There are 2 mid-block crosswalks in the vicinity of 23rd Ave S, including 1 connecting Washington Middle School and the Dr Blanche Lavizzo Park. The second mid-block crosswalk is located just east of 23rd Ave S connecting 2 shopping centers. S Jackson St is utilized by both the route 8 and 14 in this segment. The route 14 is a trolleybus route. The Central Area Neighborhood Greenway cross S Jackson St at 25th Ave S. This crossing currently has rectangular rapid flash beacon (RRFB) indications. The intersection of S Jackson St and MLK Way S is a signalized intersection with no specific phasing for left turning vehicles. Additionally, there are no exclusive left turn lanes for traffic on S Jackson St.

This conceptual design includes the following improvements:

- Install an RRFB at the mid-block marked crosswalk between the park and Washington Middle School.
- Install real-time information Signs (RTIS) at the southbound bus stop on 23rd Ave S south of S Jackson St, and at the westbound bus stop on S Jackson St east of 23rd Ave S.
- Install painted curb bulbs including flexible posts on all four corners of the intersection of S Jackson St and 26th Ave S.

Restripe and adjust signal infrastructure to accommodate a left turn lane on S Jackson St at MLK Way S.

Pedestrian crossing treatments were reviewed, including raised crosswalks and RRFB installations. At the intersection of 26th Ave S, a pedestrian count indicated that the crossing would not meet requirements for either a marked crosswalk or an RRFB installation. Raised crosswalks were not feasible to the presence of trolley bus wires on S Jackson St. Because protected bike lanes are anticipated on S Jackson St as part of the Bicycle Master Plan, permanent concrete curb bulbs were not considered feasible. Real-time information signs will be installed on 23rd Ave S as part of the roadway reconstruction and were not considered for this project.

These improvements will not trigger drainage or pavement improvements.

## Constructability

- Sidewalk repair will be required for the RTIS to connect to the existing signal controller at 23rd Ave S.
- Existing signal operations can be maintained and operated during construction.
- Coordination will be needed with the 23rd Ave S Repaving Project, which will construct the RTIS at the southbound bus stop.

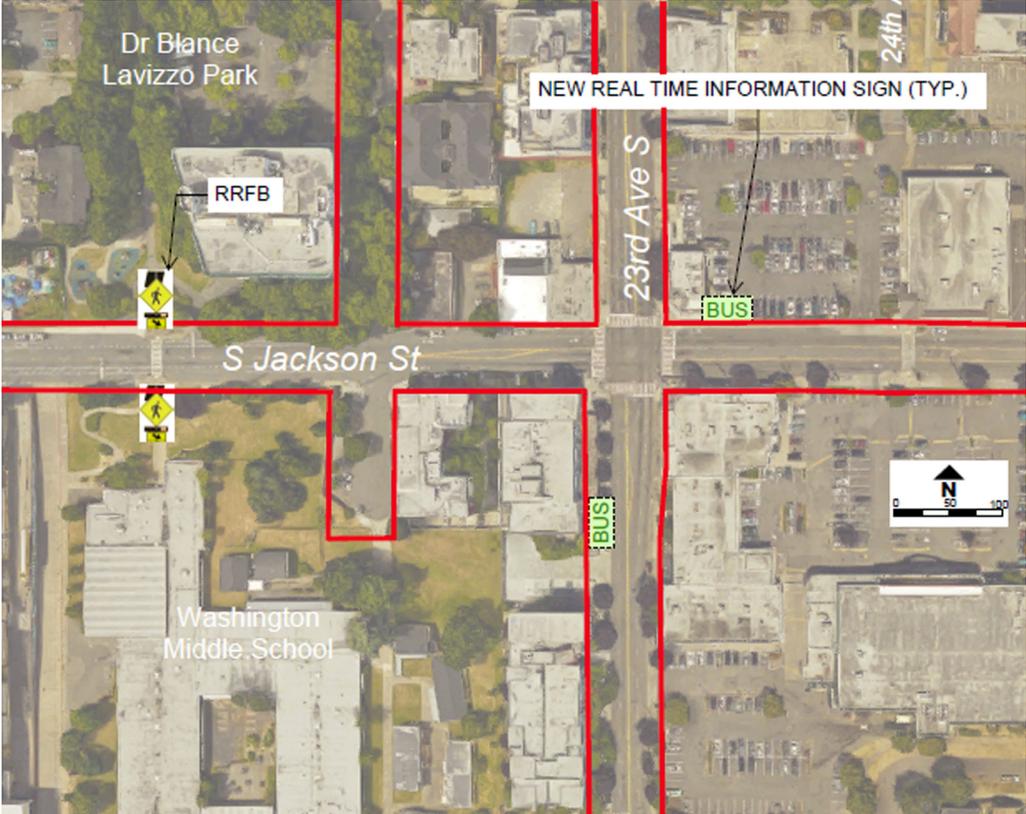
## Impacts

- Existing on-street parking approaching MLK Way S will be removed to accommodate a left turn lane in both directions.
- Buses will stop in lane west of the intersection of MLK Way S. This may result in minor traffic delay when this occurs.

## Benefits

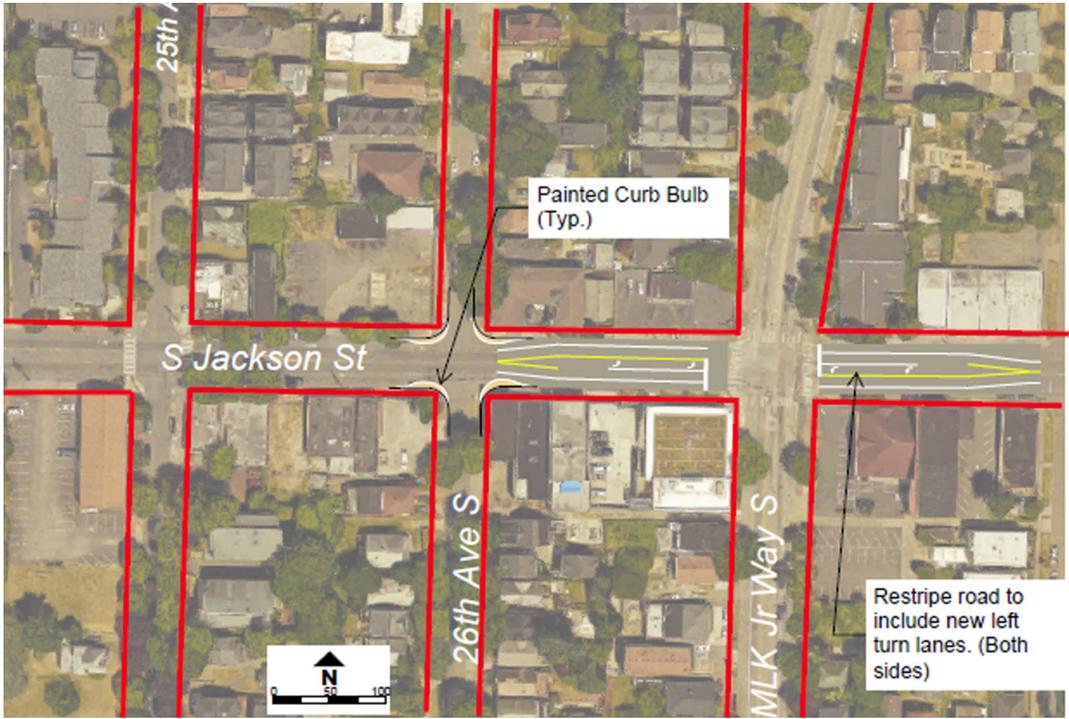
- Increased indications of crossing pedestrians at the mid-block crosswalk.
- Increased information about transit arrival times.
- Increased roadway user safety by adding left turn lanes at signalized intersection. This will also increase the intersection efficiency.
- Increased safety for pedestrians at 26th Ave S by reducing the crossing distance.

# Seattle Department of Transportation (SDOT) Review



*S Jackson St Improvements, 22nd Ave S to 24th Ave S*

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*S Jackson St Improvements, 22nd Ave S to 24th Ave S*