Residents of the Rockwood neighborhood raised concerns with sight distance, visibility, and the confusion driving through the intersection at Rockwood Boulevard and Sumner Avenue.

Traffic Analysis
Rockwood Boulevard is classified as an urban major collector, provides one lane in each direction, has unmarked on-street parking, and a posted speed limit of 30 miles per hour north of Sumner/10th Avenue and 25 miles per hour south of Sumner/10th Avenue. Sumner Avenue/10th Avenue is classified as an urban local access road that provides one lane in each direction with a posted speed limit of 25 miles per hour. It should be noted that there is on-street parking on Sumner Avenue and 10th Avenue; however, the on-street parking on Sumner Avenue is marked whereas the on-street parking on 10th Avenue is not.
The table below shows the 2022 daily traffic volumes and 85\textsuperscript{th} percentile speeds at the intersection of Rockwood Boulevard and Sumner/10\textsuperscript{th} Avenue. The daily volume on Rockwood Boulevard was 6,400 vehicles, and volumes on Sumner Avenue and 10\textsuperscript{th} Avenue were lower. Speed data was not available for this intersection.

<table>
<thead>
<tr>
<th>Direction</th>
<th>2022 Estimated Daily Traffic (Vehicles per day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rockwood Blvd - Both Directions</td>
<td>6,360</td>
</tr>
<tr>
<td>Sumner Avenue – Both Directions</td>
<td>1,390</td>
</tr>
<tr>
<td>10\textsuperscript{th} Avenue Both Directions</td>
<td>3,300</td>
</tr>
</tbody>
</table>

\textsuperscript{a} Traffic data collected in November 2022. Only PM volume data was available, data multiplied by a factor of 10 to estimate daily traffic.

The figure below shows the existing PM peak hour traffic volumes at the Rockwood Boulevard and Sumner/10\textsuperscript{th} Avenue intersection, based on a traffic count from November 1, 2022. The peak hour volumes are relatively low and could be accommodated by a single lane roundabout. However, the available right-of-way at the intersection is limited, with approximately 100-feet of width between the northeast and southwest edge, and the roadways have a moderate slope which is not appropriate for roundabout controlled intersections.

**Recommended Solution:**

To improve overall safety and reduce confusion at this intersection, the following projects are recommended.

- Install curb extensions on 10\textsuperscript{th} Avenue at the existing marked pedestrian crossing to narrow the roadway width.
- Install curb extensions at each intersection corner to reduce the skew of each approach and narrow the roadway.
- Add pavement markings on Rockwood Boulevard to designate on street parking areas near the intersection.
- Add stop bars on the east and west approaches.
LEGEND

PROPERTY LINE

INSTALL NEW CONCRETE SIDEWALK PER COS STD PLAN F-102B

INSTALL CURB RAMP PER COS STD PLAN F-105

INSTALL LANDSCAPING, NATIVE PLANTINGS AND/OR NEIGHBORHOOD GATEWAY SIGNAGE

EAST 10TH AVENUE

ROCKWOOD BOULEVARD

INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIAM. PIPE AS NECESSARY. CONNECT TO EXISTING PIPE WHERE SHOWN.

EXISTING INLET TO REMAIN IN PLACE.

EXISTING MANHOLE TO REMAIN IN PLACE.

CONSTRUCTION NOTES

EXISTING INLET TO REMAIN IN PLACE.

NOT FOR CONSTRUCTION

PRELIMINARY
Spokane Traffic Calming Master Plan

District: 2
Neighborhood: Rockwood
Project Extent: Rockwood Boulevard near 11th and 12th Avenue
Estimate: $98,000

Problem Statement: Residents of the Rockwood neighborhood raised concerns over speeding vehicles along Rockwood Boulevard near 11th and 12th Avenue.

Traffic Analysis
Rockwood Boulevard in this study area is classified as an urban major collector, has one lane in each direction with on-street parking, and a posted speed limit of 25 miles per hour. 11th and 12th Avenue are both classified as urban local access roads, have one lane in each direction, have on-street parking, and do not have a posted speed limit. A driver speed feedback sign was installed facing southbound travel on Rockwood Boulevard near Sherman Street (one block south of 12th Avenue).

The table below shows the 2022 daily traffic volumes and 85th percentile speeds on Rockwood Boulevard between 11th Avenue and 12th Avenue. The highest daily volume on Rockwood Boulevard was 2,217 southbound vehicles. The highest 85th percentile speed was 37 miles per hour (12 miles per hour greater than the posted speed limit). The data indicates there is a significant speeding issue.
2022 Daily Traffic and 85th Percentile Speeds on Rockwood Boulevard between 11th and 12th Avenue

<table>
<thead>
<tr>
<th>Direction</th>
<th># Lanes</th>
<th>2022 Daily Traffic (Vehicles per day)</th>
<th>85th Percentile Speed (mph)</th>
<th>Posted Speed (mph)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rockwood Boulevard (between 11th Avenue and 12th Avenue)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NB</td>
<td>1</td>
<td>1,571</td>
<td>37</td>
<td></td>
</tr>
<tr>
<td>SB</td>
<td>1</td>
<td>2,217</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>Both Dir.</td>
<td>2</td>
<td>3,788</td>
<td>35</td>
<td>25</td>
</tr>
</tbody>
</table>

a Traffic data collected in Nov 2022.

**Recommended Solution:**

Rockwood Boulevard appears as a wide street when the on-street parking on both sides of the corridor has low occupancy. There are several areas on the corridor without active on-street parking that could be modified to reduce the pavement width. The installation of curb extensions is recommended across Rockwood Boulevard at the existing marked pedestrian crossing at 11th Avenue to narrow the roadway width. The curb extension on the west side of Rockwood Boulevard could extend from 11th Avenue (access to Canterbury Court Apartments) to the south where no on-street parking is allowed (across from 11th Avenue east leg). The installation of a curb extension is also recommended on the east side of Rockwood Boulevard, northwest of Sherman Street and along Olmstead Triangle Park, to slow downhill vehicle speeds. Curb extensions are expected to decrease the 85th percentile speed by 3 miles per hour.1
