

City of Sammamish Transportation Committee – Minutes – Monday, March 21, 2016

Sammamish City Hall, 801 228th Ave SE, Sammamish, Washington

3:00pm – 5:15pm

Attendees:

Committee Members: Committee Chair and City Council Member Tom Odell, City Council Member Bob Keller, City Council Member Christie Malchow

Staff: Interim Director of Public Works, John Cunningham; City Engineer, Andrew Zagars; Deputy Director of Public Works, Cheryl Paston; Sr. Project Engineer, Jed Ireland, Sr. Project Engineer, Jim Grueber & Administrative Assistant, Paulette O'Connell (Recording Secretary)

Invited Guests: Kellye Hilde, Parks Project Manager; Peter DeBoldt, Dan Hansen & Brett Powell, Perteet Consulting

Public Guests: Mary Wictor, Paul Stickney, Karen Moran

Approval of Minutes

Minutes of the February 11, 2016 were distributed and approved.

SE 4th Street Project Scope Discussion –Council Committee member input

Since the last Transportation Committee Meeting (2/11/2016), the committee reviewed the proposed preliminary design concept for SE 4th St. The following is a summary of the Transportation Committee's concerns and suggestions regarding SE 4th St.

SE 4th St from 218th Ave SE to 228th Ave SE

- Transportation Committee is concerned that the arterial function of SE 4th St will be lost with the currently proposed concept.
- Sufficient right-of-way should be acquired now for future construction of a full sized roundabout at each intersection.
- Dedicated bike lanes from 218th Ave SE to 228th Ave SE:
- Median plantings islands should extend 75'-100' each side of the intersections/roundabouts. A center turn lane should be built between the roundabouts.
- Bollards or boulders (large rocks) should be installed at pedestrian crossings as safety features.
- In the medians, between plantings, options could be paved turn lane, striped median or different color pavement.
- Roundabouts islands should be large enough for 3-4 evergreen trees, thin profile trees in the center island. Safety and sight distance are most important in tree/vegetation choices. Trees planted in small groups are naturally narrow. Curb height on the center island is also important for safety/sight distance. Limiting sight distance reduces traffic speed in roundabouts.
- Irrigation and power should be installed at all roundabouts and other planting areas. Temporary irrigation can be installed and removed as needed in planter strips.
- High curb heights should be avoided in roundabouts, and there should be ample space for cars to maneuver through roundabouts without driving over curbs.
- Rain gardens should be used wherever possible.
- Keep posted speed limit at 25mph.
- Use native, drought tolerant trees and vegetation.
- 17 ft. wide sidewalks are too wide [between 224th Ave SE and 225th Ave SE]. 8 ft wide sidewalks are too wide from 222nd Ave SE to 218th Ave SE.
- Bike lanes could be reduced to 5 ft. Staff explained that Interim Public Works Standard for a collector roadway is 5 ft. bike lanes, 11 ft travel lanes and 12 ft two-way-center-turn lane or median. Staff explained that the minimum road widths are being proposed. The reason the bike lane is 6 ft wide and the travel lane is striped to be 10' wide is to give the impression of a narrower travel lane, a traffic calming measure. Also, the 17ft wide curb to curb roadway section allows a small and large vehicle to pass each other in an emergency situation.

-Space for pedestrian benches and commercial sidewalk use should be on the side streets, not on SE 4th.

SE 4th from 218th Ave SE to 222nd Ave SE

-Should build roads for stop sign control now and construct roundabouts later when traffic volumes are higher.

- Sufficient right-of-way should be acquired now for future construction of full sized roundabout intersections.

-Future trees should include a mix of coniferous and deciduous trees.

-Sidewalk widths could be reduced to 5 ft; decided to recommend 6 ft which is the standard width for a Collector road.

- Collector arterial standard is 6 ft sidewalks on both sides of the street. Staff proposal is for 6' sidewalks north side, 8' on south side. 8' sidewalks marginal for high volume use. Consultants recommend 10'-12' sidewalks. Committee expressed desire for less than 8 ft sidewalk on the south side thinking that there would not be enough pedestrian use of this corridor to justify wider sidewalks.

SE 4th St from 224th Ave SE to 225th Ave SE

-Should add a second vehicle lane for both directions of travel.

-Multi-lane roundabouts should be built.

-The median strip between the roundabouts can be reduced to minimize right-of-way needs.

-sidewalks should be 8 ft with a slimmer median.

-need pedestrian refuge island for the midblock crossing.

-install conduit for lighting in roundabouts

-reduce sidewalks from 17' to 13'

SE 4th St from 225th Ave SE to 228th Ave SE

-2 lanes westbound and eastbound throughout.

-pedestrian crossing limited to intersection at 228th and 225th.

Action: *Staff to put together a presentation on how roundabouts function*

Staff to research cost savings at different road widths

Consultant to revise drawings based upon Committee input to be presented first to Committee prior to 4/12 Council meeting, then to full council at 4/12/16 meeting, then to the public at open house end-of-April, or early May. Take results of open house back to council.

City must certify full project funding to TIB by 11/20/16 to ensure grant is still available for project funding. Construction planned to start in spring of 2017.

SR 202- Update

Odell/Cunningham: Short-term fix includes signal coordination and ITS system. Long-term fix options include flyover (expensive). 202, 520 & E. Lake Samm Pkwy overpass an option? Large group meets monthly.

Technical group meeting 3/17/16: Working on grant application to tie all affected signals together by implementing a joint ITS system. Grant application process led by City of Sammamish with a 4/29 due date for preliminary application and 5/26 due date for the full application. Working with KC on an interlocal agreement to get right-of-way use authorization on road segments owned by KC. KC wants liability indemnification. Next full group meeting around 4/11/16.

Sahalee Way project – survey and Geotech report on the climbing lane option

Jed/Hansen-Perteet: Used Golder report from 1981 as a starting point. Analysis in the technical memo found that weight on the slide area should be minimized. Lightweight fill (Styrofoam or hog-fuel) is a possibility. Planning level estimate assumes widening will require building a retaining wall. More engineering data, including borings, is needed before further design is considered. Current road is stable. Preliminary geotech investigations indicate that the construction cost of the climbing lane is higher than originally estimated (\$9.4MM versus about \$5.8MM). The

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original estimate was for a climbing lane approximately 1,500-feet shorter as it did not begin at SR 202. Water levels in existing piezometers need to be monitored (City has taken over slide dewatering maintenance from King County). Average time savings with 3 lanes is 7 seconds per vehicle. Field survey crews start next month. Keeping within budget for Geotech and survey work.

Action: *Council Committee members to review roll plot drawings, and make red-line comments for Staff to address at the next Committee meeting.*
After Council Committee's comments are addressed at next meeting, Staff to present four options to full council (climbing lane delayed until a future date, climbing lane all the way to Hwy 202; climbing lane just to the city limits; and no climbing lane, just do the base project)
Staff to research restriping by Grey Barn to help AM peak

JC to get 11x 17 printouts of project cross-sections for 3/22 council meeting.

6-Year TIP Update

Cunningham: Usually just goes to council for adoption, June 2016. TIP list is driven by concurrency segment failure forecast. Committee to review current projects. Add 218th-4th project, sidewalks on 228th N between -Inglewood Hill road to NE 14th (or as far as NE 25th Way?), etc. Traffic Engineer (Chen) is reviewing for possible intersection improvements. Committee suggests full council review of project priorities with regards to funding before getting to final decision.

Action: *Staff to send email to all Council members requesting their input on projects they might want to have included in next 6 year TIP*
Staff to put to provide TIP list to Committee to review schedule

Public Works Standards

Zagars: Discussed various options for Committee and Council review of proposed PWks Standards revisions.

Action: *Staff to provide Committee with a couple different review options for Committee review before 4/12 council meeting for direction on the best way to present to full council.*

Public Comments:

1. Mary Wictor, citizen:

Believes the HWY 202 traffic light sequencing / signal coordination should be changed to allow at least 5 more seconds for E Lk Samm Pkwy northbound in the morning.

2. Paul Stickney, Town Center Owner:

Has three native, slow growth tree suggestions for 4th Street Project: Southern Alpine Fur, Alpine Hemlock and Western Ewe.

3. Karen Moran, citizen, No Comment.

Meeting adjourned 5:15pm.
Next meeting TBD
