

MEMO: PROJECT REPORT – September 27, 2007

TO: RICK CISAR

FROM: JON STACK, P.E.

1. Current developments under or ready for construction:

a. **Denali Ridge – project is 95% complete, underground utilities complete, curbs, gutters and sidewalks in place and first lift of asphalt installed on Wednesday, September 26th. 15 residential lots.**

b. **Timber Ridge – project is 95% and first ten building permits are being processed at the City. 85 residential lots.**

c. **Skoglund Estates – contractor has completed underground utilities in the plat and is preparing roadways by adding cement treated base. Curbs, gutters and walks will be next and then first lift of hot-mix asphalt estimated for mid-November, 2008. Off site sanitary sewer is being worked on where it connects to Sky Harbor on 138th Street. Final completion estimated at December 1, 2007. 48 residential lots.**

d. **Vodnick Plat – Civil plans have been approved. No construction activity to date. 24 residential lots.**

e. **AJ'S Place – Civil plans complete. Project waiting on better market conditions. 40 condominiums**

2. Current developments under review:

a. **Caleb Court – preliminary civil plan improvements under review. 15 residential lots plus one existing house.**

b. **Hammer Development – civil plans currently under design by Developers engineer. 72 residential lots.**

3. Current City improvement projects underway:

a. **Reese and Sportsman Park – construction is underway. New shake roofs on the three buildings will be complete by tomorrow. Power and water trenches are complete at Sportsman. Field lighting is in at Reese. Access trail to river is complete at Reese.**

b. **Light Guard Crosswalks** – plans and specifications are 90% complete and the first submittal to CDBG for review should happen next week. Sites are at 3rd and High at Middle School and on Date Avenue directly in front of elementary school.

c. **Culvert and Hydrant Replacement Project** – Contract documents have been sent to the low bidder, Pacific Northwest Construxion for completion of bonds, insurance and execution of the contract. A preconstruction conference will be held as soon as documents are returned and executed by the Mayor.

d. **Date Avenue, Phase II** – Contractor Mosbrucker will be mobilizing on Monday, October 1, 2007. Water line construction will start toward the end of the week after construction signs are in place. After completion of new services to each lot, a hot-mix overlay down the center two driving lanes will be completed. Contract has 90 days for completion.

4. **Inflow and Infiltration Study** – A portion of the manhole inspections have been completed (limited by manpower availability). The flow recorders are in place in four manholes and have recorded the summer base flows and soon will begin recording winter wet weather flows that are adding to the sanitary sewer flows. The goal here is to accumulate enough information of the system condition and winter flows so that a progress report can be prepared for the Council and the Department of Ecology (this is required under the sewage treatment plant's NPDES permit and is due in May, 2008). A final report with recommendations for any remedial work that the collection system may need is scheduled for completion in summer, 2008

5. **Water Main and Sewer Force Main Crossing of Sultan River** – Both the existing water main and the force main from the sewage lift station (which hang on the highway bridge) are undersized. The plan is to install parallel pipes under the Sultan River using directional drilling. The City has received a proposal to provide the base map surveying and preparation of the construction drawings. The scope of this work and its cost is being discussed with the surveyor. Engineer Stack will provide the design and construction specifications for this work, since he is experienced in this type of crossing design. Substantial savings should result. Field work and design is scheduled for this winter, with construction in early summer, 2008.

6. **Basin Road Widening** – Since only two bids were received for this work, a slightly different wall design will be prepared to provide alternatives to the soldier pile wall. Redesign this winter will be completed by Engineer Stack with re-bidding in the spring, 2008.

7. **East Side Reservoir Project** – Additional storage is required to provide gravity fire flows to the east side of the City. A scope of work is being prepared so that an engineering consultant can be selected to prepare an Engineering Report. The State Department of Health requires an engineering report for all storage projects. This report

will contain sizing requirements based on population projections, elevation requirements based on present and future service areas, alternative site locations, necessary pump station sizing and transmission lines. A consultant will be recommended to the City Council in January, 2008.

8. Skate Board Park – City Council has approved a contract with Capital Architects to provide professional assistance and auto-CAD drafting for the project. Project is scheduled for bidding on December 1, 2007.