



## CURRENT ACTIVITIES

On July 10th approximately 317 cubic yards of concrete were poured on Level 2 for the continuing construction of the elevated parking decks. Preparation is underway to place concrete on Deck #4 on July 17. This includes the installation of embeds and post-tensioning cable heads. The majority of the efforts for the rest of July will be focused on the installation of shoring, formwork, rebar, and the post-tensioned cables, mechanical and electrical rough-in, and other elements to prepare for the additional elevated concrete deck installation activities.



## PROJECT HIGHLIGHT

Post-tensioned concrete slabs use steel cables that are tensioned after the concrete has been placed. This minimizes material usage, adds strength, and creates a very efficient structure when compared to reinforced concrete.

The cables, or tendons, are composed of high-strength steel wires that are wound together and placed inside a plastic sheath. At each end of the concrete slab a post-tensioning anchor is located, and these are placed in pockets embedded into the slab edge (see the photo left). Once the concrete has gained sufficient strength during the curing process, the tendons are stressed to achieve the desired compression. The photo above (right) shows workers tensioning the cables.

# PROJECT TRAFFIC IMPACTS

- 3rd St. will be closed between W. Kincaid and W. Broadway for the duration of the project.
- Between May and August there will be intermittent traffic revisions along northbound 2nd St. and eastbound Kincaid St during concrete pours for the elevated decks.

For questions or concerns regarding project impacts, please contact the City at [Libcomconst@mountvernonwa.gov](mailto:Libcomconst@mountvernonwa.gov) or call 360-419-3252



## SCHEDULE

The majority of scheduled activities through September will be focused on the construction of the elevated decks, with interior rough-in and exterior brick cladding to follow.

