

# NEW/REPLACEMENT CONCRETE WORK

## 1. Preparation

- a. Store dry and wet materials under cover, away from drainage areas.
- b. Remove any damaged concrete that may need to be replaced.
- c. Prepare and compact sub-base.
- d. Set forms and place any reinforcing steel that may be required.
- e. Determine how much new concrete will be needed.
- f. Locate or construct approved concrete washout facility.

## 2. Process

- a. Install inlet protection as needed.
- b. Moisten sub-base just prior to placing new concrete. This helps keep the soil from wicking moisture out of the concrete into the ground.
- c. Place new concrete in forms.
- d. Consolidate new concrete.
- e. Screed off surface.
- f. Let concrete obtain its initial set .
- g. Apply appropriate surface finish.
- h. Remove forms when concrete will not slump.

## 3. Clean-up

- a. Perform washout of concrete trucks and equipment in concrete washout facility. Let water evaporate and then relocate washout to trash.
- b. Cement and concrete dust from grinding activities is swept up and disposed of in garbage.
- c. Sweep dirt or debris from street and gutter and dispose of in garbage.
- d. Store excavated concrete at appropriate recycling bay at public works.