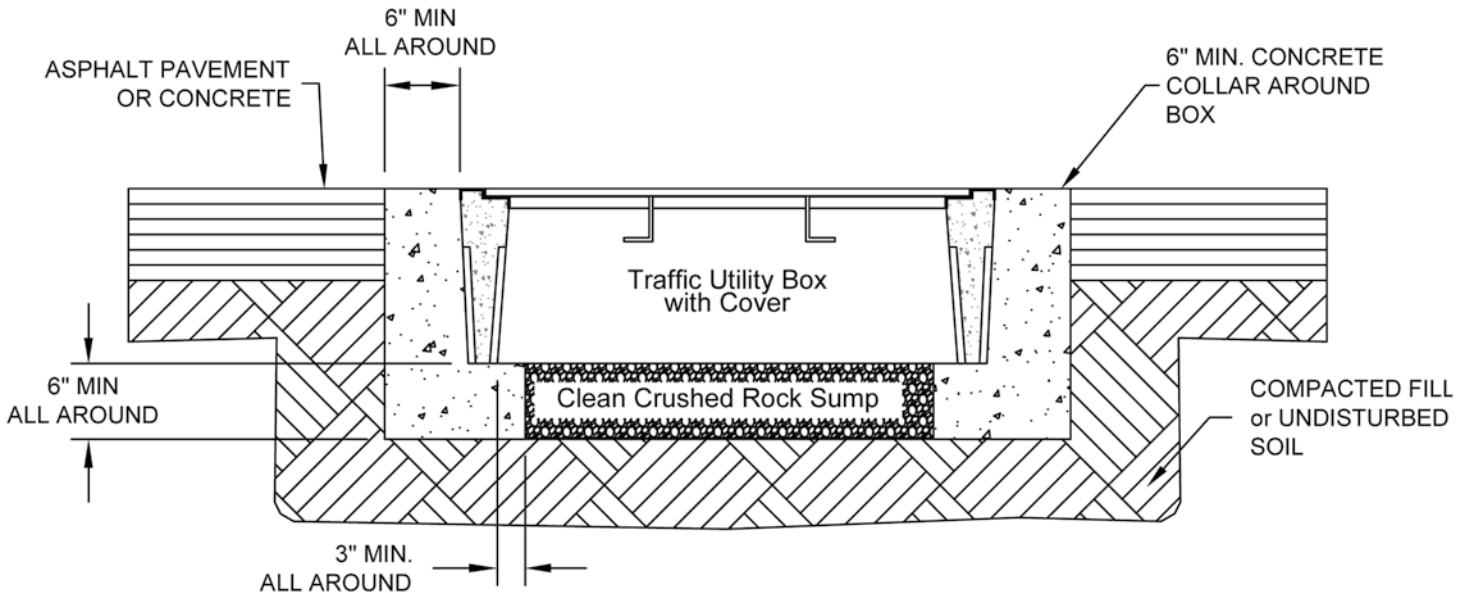


Traffic box installation procedure for installation in concrete or pavement for full traffic application. This procedure is consistent with Caltrans Standard Plan ES-8B.



### Field preparation

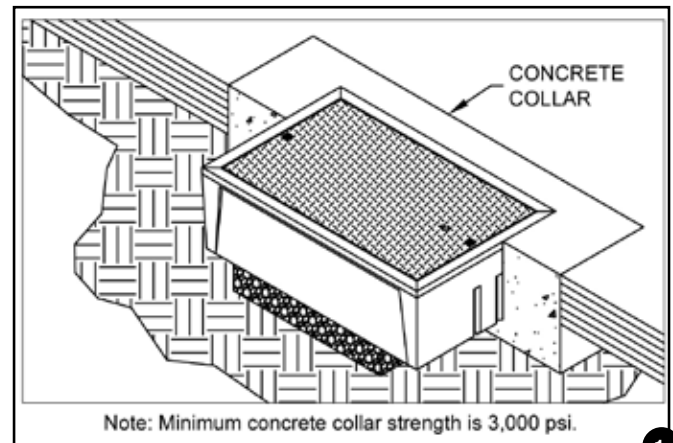
- Prepare the excavation approximately 6" deeper than the overall height of the enclosure.
- The length and width of the excavation should be determined by adding 12" to the overall length and width of the box.

### Installation Recommendations

- Place at least 6" of compacted clean crushed rock, coarse gravel, or angular stone material because of drainage characteristics.
- The compacted material should be leveled so the top of the box is flush to grade.

### Backfilling

- Place select backfill into the excavation in 4" to 6" lifts and compact.
- The final 6" to 8" of the excavation should be finished with concrete collar. This may be accomplished by providing a form around the enclosure that would produce a six-inch minimum wide collar (fig 1).



### Quick Specification

Traffic-rated underground enclosures are manufactured by Oldcastle Enclosure Solutions. The box shall be precast concrete with a steel frame and cover with a 16,000 lbs design load. Traffic-rated enclosures shall be used where the box and cover may be exposed to vehicular traffic. The precast concrete mix shall exceed 4,500 PSI compressive strength. The concrete collar mix used in the installation shall exceed a minimum of 3,000 PSI compressive strength. Please contact Oldcastle Enclosure Solutions for a product cut sheet and possible applications.