

MILLER KNOX REGIONAL SHORELINE - MK005 2019 PROJECT OUTLINE

DESIRED OUTCOME (what it will look like):

Scattered scrub and grass within 50 feet of the road. No pines within 40 feet of ridgetop. Lower on north-facing slope, north coastal scrub on north-facing slope, incipient oak-bay woodland, emerging pine stands.

TIMELINE:

Brush mastication followed by or concurrent with tree removals: Begin January or February 2020. Estimated time under two weeks.

METHODOLOGY:

Following multiple site visits by Fire Department Staff this project outline was developed according to the MK005 Fuels Management Prescription which was derived from the WHRRMP.

Work location is along paved Crest Trail. Access is through a locked gate off Canal Blvd.

Selective tree removals will be conducted based on species, size, health, and location. Brushing will be mechanical using a masticator head mounted on a tracked excavator. Extent of brushing will be based on width of Recommended Treatment Area, the reach of equipment down steep slopes from road, or where off-pavement operation is possible will extend out to tree removal locations to facilitate access. Erosion control measures will be installed where soils and management efforts require such.

TREE REMOVALS:

- 64 pine trees between 4" and 24" dbh will be removed along the ridge.
- 67 acacia trees primarily under 12" dbh will be removed along the ridge and stumps will be treated with herbicide to prevent regrowth.

BRUSH REMOVAL:

- Approximately 5 acres of French broom, dead shrubs, and dense young acacia stands will be masticated, leaving behind native shrubs.
- Acacia stumps will be treated with herbicide to prevent regrowth.

BIOMASS REMOVAL AND PROCESSING:

- Logs and limbs from tree removals are to be: Chipped and broadcasted up to 4" average depth, or masticated in place. Logs that cannot be chipped may be left onsite as directed by District Representative otherwise removed.
- Brush will be masticated in place.

PROJECT AREA MAP:

Access from Canal highlighted yellow. Recommended Treatment Area boundary is bold pink line. Work area is orange shading. Green line is property boundary.

