

## Appendix C

### INDIVIDUAL HISTORICAL ASSESSMENT REPORT

**Site Name/Facility:** San Carlos Channel  
**Master Program Map No.:** 54  
**Date:** May 15, 2018  
**Archaeologist Name:** Mary Robbins-Wade  
**Native American Monitor Name:** N/A

**Instructions:** This form must be completed for each target facility identified in the Annual Maintenance Needs Assessment report and prior to any work on site. Attach additional sheets as needed.

#### EXISTING CONDITIONS

##### Site Conditions:

The site of the emergency maintenance is characterized by three sections of a concrete-lined storm water channel. The first section, the Beaver Lake section, is 7 foot wide by 950 foot long, and occurs east of Cowles Mountain Boulevard, south of Beaver Lake Drive, north of Lake Cayuga Drive, and west of Lake Badin Avenue. The second section, the Golf Course section, is 1 foot wide by 180 foot long and occurs west of Cowles Mountain Boulevard inside the San Carlos Golf Course. The third section, the Lake Badin section, is 8-foot-wide and 1,050-foot-long, and occurs east of Lake Badin Avenue.

The emergency maintenance was performed in two phases. The first phase was required to remediate flooding caused by a clog in the culvert beneath Cowles Mountain Boulevard. The clog was formed by vegetation within the Beaver Lake section becoming dislodged by a high rainfall event, and accumulating at the entrance to the culvert. The second phase was conducted to remove remaining vegetation within the channel further upstream of the Cowles Mountain Boulevard channel to prevent a re-occurrence of a clog.

The first phase began on November 1, 2014 within the Beaver Lake and Golf Course sections, and was completed on November 8, 2014. The initial work to clear the culvert was conducted with a Gradall and backhoe from the area above the culvert entrance. In addition, vegetation and sediment were removed for a distance of approximately 180 feet within a concrete channel downstream of the culvert. In order to preclude a similar problem from occurring in the future, vegetation was cut and removed by hand from the sloped sections along the entire length of the Beaver Lake section of the channel. The excavated material was taken to an approved disposal site. Approximately 158 tons of material was removed from the channel.

In order to further protect against a problem at the Cowles Mountain Boulevard culvert, vegetation and sediment within the channel east of Lake Badin Avenue was removed on December 1, 2014. Removal was performed with hand tools, and less than one truck-full of material was removed and hauled to the Miramar Landfill.

##### Survey Methods and Date:

Historical resources were not expected to occur within the maintenance area since it took place within a concrete-lined channel. Furthermore, equipment operated off an adjacent roadway in a previously disturbed area where no historic resources would be located and no ground disturbing activities were performed. Thus, no historical assessment was conducted nor required.

##### Record Search Results:

N/A

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<p><b>Are any Native American Tribes expected to be concerned about the proposed maintenance? :</b></p> <p>Yes <input type="checkbox"/>      No <input checked="" type="checkbox"/></p> <p>If yes, identify the tribe and their potential concerns?</p>
<p><b>Archaeological Survey Results:</b></p> <p>N/A</p>
<p><b>MAINTENANCE IMPACTS</b></p>
<p><b>Is there a moderate or high potential for archaeological resources to occur in or adjacent to the impact area:</b>    Yes <input type="checkbox"/>      No <input checked="" type="checkbox"/></p>
<p><b>MITIGATION</b></p>
<p><b>Environmental Mitigation Requirements:</b></p> <p><b>What, if any, PEIR mitigation measures are applicable?</b></p> <p>N/A</p> <p><b>What, if any, other measures are required?</b></p> <p>N/A</p>
<p><b>ADDITIONAL COMMENTS OR RECOMMENDATIONS</b></p>
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