Fort Apache Historic District
Sidewalk/Curb Modifications
along Officer’s Row
Fort Apache, Arizona

Project Intent
1. Remove all existing concrete sidewalk, area and replace with new concrete sidewalks where and as indicated on these drawings.
2. Maintain grade of existing sidewalks, where and as indicated on these drawings.
3. Some of the existing concrete curbing and concrete sidewalks will be removed by the Water Main Contractor in order to install a new water main and related lines and water meters. The Water Main Contractor shall be responsible for replacing and compacting any excavation required to complete this work and back fill from grade flush with existing grade.
4. The Water Main Contractor shall be responsible for installing all new curb and sidewalk, which will match the existing curbing and sidewalk by the color and appearance. The Water Main Contractor shall designateur and shape the new curb and sidewalk, which will match the existing curbing and sidewalk.

Note:
- Reference A-2 & A-3 for specific project requirements.
- Existing curbs to remain.
- Existing sidewalk to be removed.
- All forming at curbs shall be with 1x8's smooth surface wood to match existing curb forming pattern.
- Maintain elevation of the original sidewalk with all existing secondary wood and concrete sidewalks.
- New concrete shall be ready mix concrete in accordance with ASTM C94, 2500 psi concrete. Cement shall conform to ASTM C515, Type I cement. Air entrainment shall be by the water and shall be added at the concrete production plant.
- Reinforcing Steel:
  - Shall be Class B deformed bars for all bars #4 and smaller.
  - Shall be Class W deformed bars for all bars #6 and smaller.
  - General:
    - All forming at curbs shall be with 1x8's smooth surface wood to match existing curb forming pattern.
    - Maintain elevation of the original sidewalk with all existing secondary wood and concrete sidewalks.

Project Specification
General:
Contractor shall be responsible for completing the work in the manner as indicated on the drawings. Contractor shall conform with the regulations of: Occupational safety and health standards enforced by the Department of Labor (OSHA) safety and health standards for the industry and compliance with all Tribal safety and regulation standards.

Concrete:
Shall be ready mix concrete in accordance with ASTM C94, 2500 psi concrete. Cement shall conform to ASTM C515, Type I cement. Air entrainment shall be by the water and shall be added at the concrete production plant.

Reinforcing Steel:
Shall be Class W deformed bars for all bars #4 and smaller.

Expansion Joint:
Provide 1/2" expansion material at all concrete curbing at ±18’ o.c. to match detail 3/A-2 in the bid proposal.

Sheet Index
A-1 Overall Site Plan
A-2 Site Detail, Areas A&B/Details
A-3 Site Detail, Area C
1. Existing concrete and rock in roadway to remain.
2. Start of existing concrete curbing extending east along Officer’s Row, remove, replace, add as noted. Remove 4' of curbing at this end and provide new curb termination per Detail 3/A-3.
3. Existing sidewalk extending west along Officer’s Row, remove, replace, add as noted. Remove 4' of sidewalk at this end and provide new sidewalk termination per Detail 3/A-3.
4. Existing sidewalk extending east along Officer’s Row, remove, replace, add as noted. Remove 4' of sidewalk at this end and provide new sidewalk termination per Detail 3/A-3.
5. Indicates existing street lamps to remain, typical 9 locations.
6. Indicates existing water meters.
7. Existing wood fence to be removed for sidewalk demolition and replacement. Replace fence once new curbing is completed under this contract.
8. Indicates new concrete sidewalk along entire length of Officer’s Row.
9. Indicates typical location of existing water meters.
10. Approximate location of existing expansion joints of existing curb, cut curb as this location and complete work as noted.
11. Existing vegetation to remain, protect during demolition and placement of new concrete sidewalk.
12. Existing wood or concrete walkway to individual buildings to remain, no work required. New sidewalk to be added to road side of curb as shown.
13. Indicates location of existing expansion joints of existing curb, cut curb as this location and complete work as noted.
14. Existing curb cuts, cut both sides back ±2’ and provide new curbs w/ bullnose edging per Detail 2/A-3.
15. Indicates existing street lamps to remain, typical 9 locations.
16. Existing remanent stone wall to remain.
17. Remove existing damaged sidewalk and provide new concrete sidewalk, extend out to face of curb.
18. New curb and sidewalk replacement to be completed under this contract.
19. New access road to parking for this unit to be completed by others, this modification is not a part of this contract.
20. Provide continuous #4’s T&B, typ. through existing sidewalk at roadway.
21. Remove existing sidewalk at roadway, replace w/ new flush w/ finish road.
22. Existing remanent stone wall to remain.
23. Add 2” or 3” of new concrete sidewalk ties.
24. Provide 1/2” expansion joints to match original formwork.
26. Termination of ±1,590 LF of concrete sidewalk.
27. Estimated location in which the Water Main Contractor will remove ±2LF of concrete curbing for placement of Water Main pipe. New curb and sidewalk replacement to be completed under this contract.
28. Saw cut existing depressed curbing this area to height of existing exposed curbing and replace w/ full height curbing.
29. Provide continuous #4’s T&B, typ. through existing sidewalk at roadway.
30. Remove this shaded area sidewalk at Residence 110 (front and side) and replace w/ new, maintain original width, height, profile, color and texture.
31. Remove this shaded area sidewalk at Residence 110 (front and side) and replace w/ new, maintain original width, height, profile, color and texture.
32. Slope new sidewalk at 1:12 slope to flush condition w/ porch elevation.
33. Approximate location of sidewalk section that will be saved. Saw cut sidewalks to save the indicated area.
34. Add new sidewalk extension to road side of curb as shown.
35. Tapered curb to grade, typ. both side of driveway.
36. Remove all railroad ties along this existing sidewalk, typical entire length.
37. Remove all railroad ties along this existing sidewalk, typical entire length.
38. Provide continuous #4’s T&B, typ. through existing sidewalk at roadway.
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