



DRAFT SUPPLEMENTAL ENVIRONMENTAL ASSESSMENT CANUTILLO PHASE II

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National Environmental Policy Act 1969

- Requires federal agencies to:
 - *consider environmental impacts of federal actions*
 - *draft an Environmental Assessment or Environmental Impact Statement evaluating alternatives, including the No Action, and significant impacts to resources (biological, cultural, socioeconomic, etc)*
 - *Work with stakeholders and seek public comment*

Canutillo Phase II Supplemental Environmental Assessment

- Supplemental to 2007 EA for USIBWC levee raising in RGCP
- Evaluated the No Action (status quo) and the Preferred Alternative (Canutillo Phase IIA new levee and floodwall) for:
 - *Biological resources (vegetation, wildlife, threatened/endangered species)*
 - *Cultural resources*
 - *Water resources (flood control, water quality, groundwater, Waters of the U.S)*
 - *Community resources (recreation, environmental justice)*
 - *Environmental health (noise/air pollution)*
- 6 other alternatives were considered but not evaluated because they were not feasible (such as raising or realigning the railroad) or did not meet the purpose and need

Purpose and Need

To construct a flood control structure with the following objectives:

1. **Eliminate levee deficiencies** within the Vinton to Canutillo reach and provide flood protection to withstand the 100-year flood with a minimum of 2 feet freeboard;
2. Maintain the design **flood capacity** of the RGCP; and
3. Enable the USIBWC to obtain **accreditation of levees** by FEMA.

Summary of Environmental Impacts

- No Action Alternative
 - *No impacts on most resources*
 - *Negative impacts for Flood Control and Environmental Justice*
 - Will not protect residents from river floods
 - Disproportionately affects minority/low income residents

New levee, south of Vinton Bridge. Mowed floodplain



Proposed Floodwall, north of Vinton Bridge



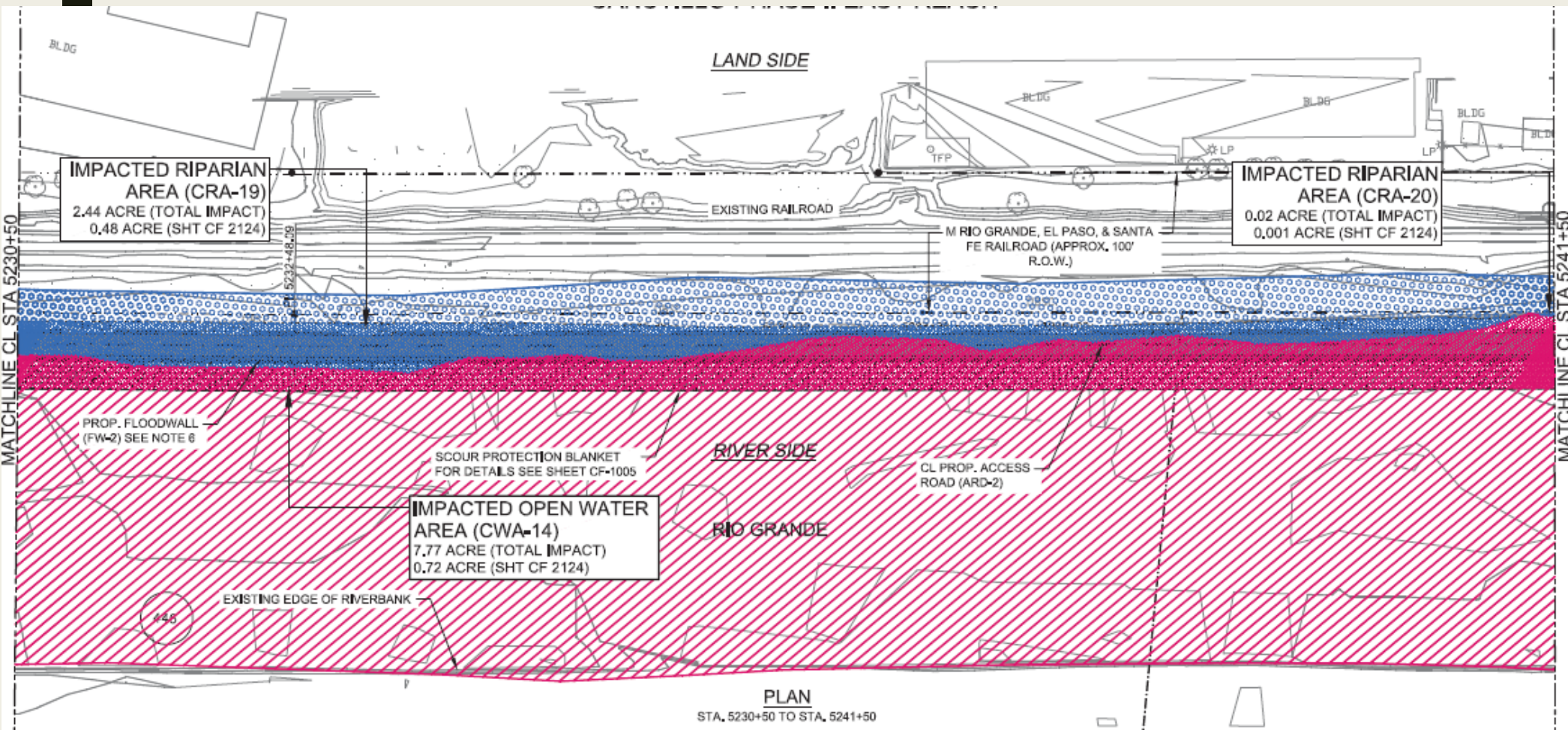
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Proposed Floodwall, north of Borderland Bridge



MATCHLINE CL STA 5230+50

MATCHLINE CL STA 5241+50



IMPACTED RIPARIAN AREA (CRA-19)
 2.44 ACRE (TOTAL IMPACT)
 0.48 ACRE (SHT CF 2124)

IMPACTED RIPARIAN AREA (CRA-20)
 0.02 ACRE (TOTAL IMPACT)
 0.001 ACRE (SHT CF 2124)

IMPACTED OPEN WATER AREA (CWA-14)
 7.77 ACRE (TOTAL IMPACT)
 0.72 ACRE (SHT CF 2124)

PLAN
 STA. 5230+50 TO STA. 5241+50

Summary of Environmental Impacts

- Canutillo Phase II Preferred Alternative
 - *Positive impacts for **flood protection** from river floods*
 - *Negative impacts for **Vegetation/Habitat** (8.6 acres)
Waters of the U.S. (10.2 acres)*



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Summary of Environmental Impacts, cont.

- Canutillo Phase II Preferred Alternative
 - *Negative impacts for **recreation***
 - *Temporary negative impacts for **Groundwater, & Air/Noise pollution***



Mitigation and Permitting

- USIBWC will be applying for a permit from the USACE for fill of Waters of the U.S under the Clean Water Act Sections 401/404
- EPA requires mitigation for impacts over a tenth of an acre
- USIBWC has proposed to mitigate **35 acres** of riparian habitat



Public Comments on EA

- Deadline extended to **July 26, 2017**

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