

EL PASO COUNTY



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Public Services Department
Contracts and Procurement ~ Facilities ~ Fleet ~ Security and Parking ~ Transportation

December 18, 2014

Mr. Steve Gardner
Stormwater Program Manager
City of Colorado Springs
30 South Nevada Avenue, Suite 401
P.O. Box 1575, Mail Code 410
Colorado Springs, CO 80901-1575

Re: Jimmy Camp Creek Drainage Basin Planning Study – Recommendation of Conditional / Interim Approval-Project No. 06025

Dear Mr. Gardner:

The El Paso County Public Services Engineering Division appreciates the opportunity to participate in the completion of the Jimmy Camp Creek Drainage Basin Planning Study. Thank you for meeting with us on December 9th to discuss the remaining issues with final approvals of the DBPS.

I am recommending an interim approval of the Jimmy Camp Creek Drainage Basin Planning Study for master drainage planning in all jurisdictions involved. However, the following conditions should be included with the interim approval:

1. Completion of Mapping: Full-spectrum detention facility locations must be identified and mapped. (Reference EPC DCM Section 11.1)
2. Basin Facility Cost Estimates: Provide cost estimates of planned drainage facilities broken out and totaled by public and private and per jurisdiction.
3. Completion of Fee Calculation: Drainage Basin and Bridge fee calculations to be provided, and approved by the Board of County Commissioners. (Reference EPC DCM Section 3.1).
4. Provision of Electronic Files: In addition to the appropriate number of hard copies, the consultant (Kiowa Engineering Corporation) shall provide, in native format (CAD, GIS, HEC-HMS, HEC-RAS, Microsoft Word and Excel, etc.), all-inclusive electronic files of the DBPS report and all calculations prior to scheduling this item for hearing before the Board of County Commissioners.



If you have any questions or concerns with these recommended conditions, please call me at 719-520-6460.

Sincerely,

A handwritten signature in black ink, appearing to read "Andre' P. Brackin". The signature is fluid and cursive, with a long horizontal stroke at the end.

Andre' P. Brackin, P.E., County Engineer
El Paso County Public Services Department

Attachments (1)

cc: Jennifer E. Irvine, P.E., MPA, Engineering Services Manager, El Paso County
Jeffrey D. Rice, P.E., CFM, Engineer II, El Paso County
Tim Mitros, P.E., Development Review & Stormwater Manager, City of Colorado Springs

DRAINAGE BASIN PLANNING STUDY OUTLINE

Letter of Transmittal, Professional Engineers Certification and Executive Summary

- I Introduction
 - A. Contract Authorization
 - B. Nature and Purpose of Study
 - C. Scope of Work
 - D. Past Studies - Related Investigations
 - E. Agency Jurisdictions (governmental)
 - F. Drainage Criteria and Special Requirements Unique to Basin

- II Project Description, Location and Drainage
 - A. Basin Description and Location
 - B. Major Drainageways and Facilities
 - C. Existing and Proposed Land Use
 - D. Existing Irrigation Facilities
 - E. Existing Surface Water Impoundments
 - F. Existing/Proposed Utilities (If Applicable)
 - G. Soils/Erosion Potential

- III Field Investigations
 - A. Aerial Mapping
 - B. Field Reconnaissance and Structure Inventory
 - C. Subsurface Investigations
 - D. Environmental Considerations

- IV Hydrologic and Hydraulic Design Evaluation
 - A. Basin Hydrology, maximum sub basin size is 100 acres
 - B. Major Drainageway Hydraulics
 - 1. Floodplain Delineation Maps
 - 2. Flood Profiles

- V Environmental Evaluations
 - A. Significant wetland and riparian areas
 - B. Stormwater quality considerations

- VI Proposed Alternative Solutions for Drainage and Erosion Control
 - A. Requirements of Various Governmental Agencies (i.e. Corps of Engineers, State Engineer etc.)
 - B. Alternative Evaluation/Criteria
 - C. Alternative Selection and Recommendations
 - D. Recommendation for Implementation

- VII Preliminary Cost Estimates and Drainage Basin and Bridge Fee Calculations

- VIII Maintenance Requirements
 - A. Access
 - B. ROW
 - C. Costs

- IX Summary

The City of Colorado Springs / El Paso County
Drainage Criteria Manual

DRAINAGE BASIN PLANNING STUDY OUTLINE

Date	9-30-90
Figure	4-1