

Water Supply Evaluations Section

Offstream Storage Projects

June 1998 Progress Report

(Supplement to Initial May Report)

This progress report is organized by the items shown on the November 1997 "Draft Offstream Storage Evaluation Schedule" as being the responsibility of Doug Denton.

#8 - Review of Past Studies - Although this item is mostly completed we continue to consult past reports and backup material mainly on the Thomes-Newville and Red Bank projects.

#9 - Basic Data Collection - Largely completed although photos and maps are still being taken or drawn.

#10 - Hydrology Analysis - A draft hydrology report was distributed in April and modifications have been made during June. At a June meeting with the Modeling Support Branch initial agreement was reached on how limited project operation studies would be run by them.

#11 - Flood Control - Most of the Offstream Storage Projects will create some flood control benefits which will be qualified in later phases of study.

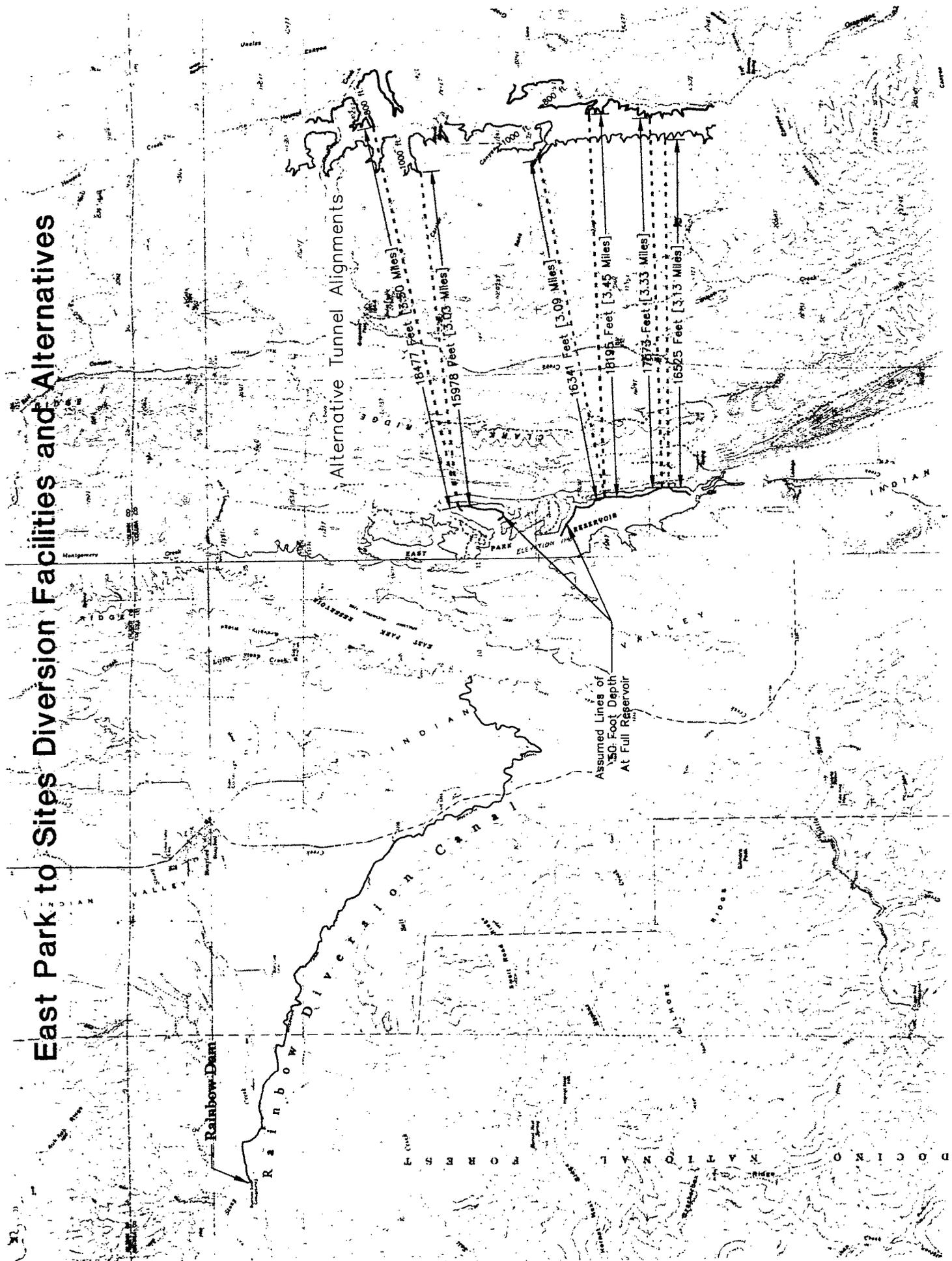
#12 and 17 Initial and Pre-Feasibility Project Formulation - The initial project formulation oriented at determining alternative project sizes and physic features is completed. Prefeasibility level continuation of this work is approximately 15 percent completed.

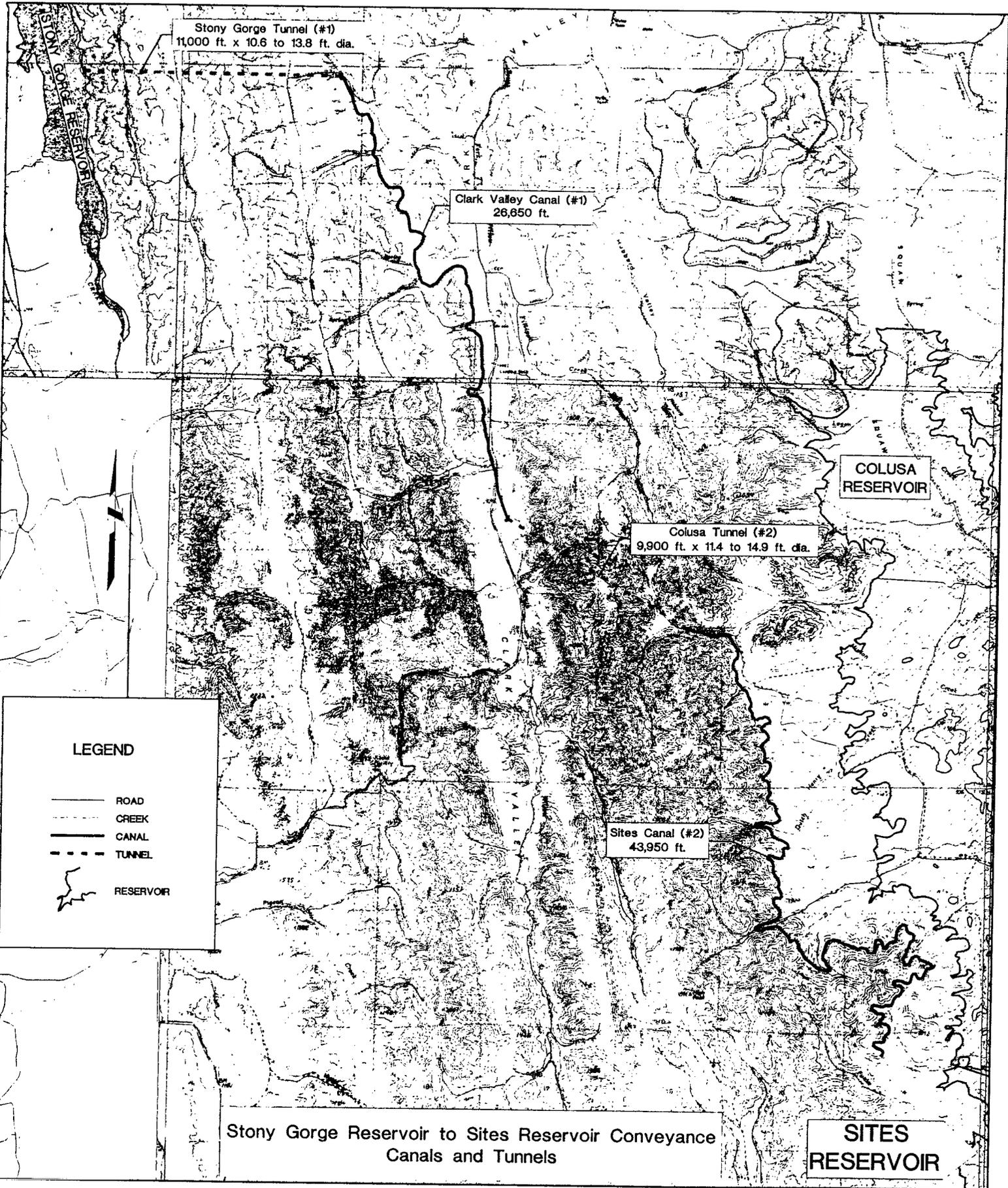
#15 Operation Studies - The Sacramento Modeling Support Branch recently agreed to run approximately 12 statewide operation studies of the Sites, Colusa and Thomes-Newville projects in cooperation with us and CALFED. This work is approximately 10 percent completed.

#16 Energy (pumping/generating plants) Analysis and Design - We have contracted with Division of Engineering to perform most of this work. They recently began designing and costing out numerous alternative conveyance system pumping plants. They will begin work on the Sites/Colusa Pumping Plants in August. Their work is approximately 10 percent complete.

#18 through 22 - are small items which focus on review of our Design, Engineering Cost Estimation and Report Preparation work by DOE. They have not started this review work yet. Overall, we are meeting the original schedule. Work on almost all of the above items will continue throughout the summer with near future emphasis on preparation of the September interim report to CALFED.

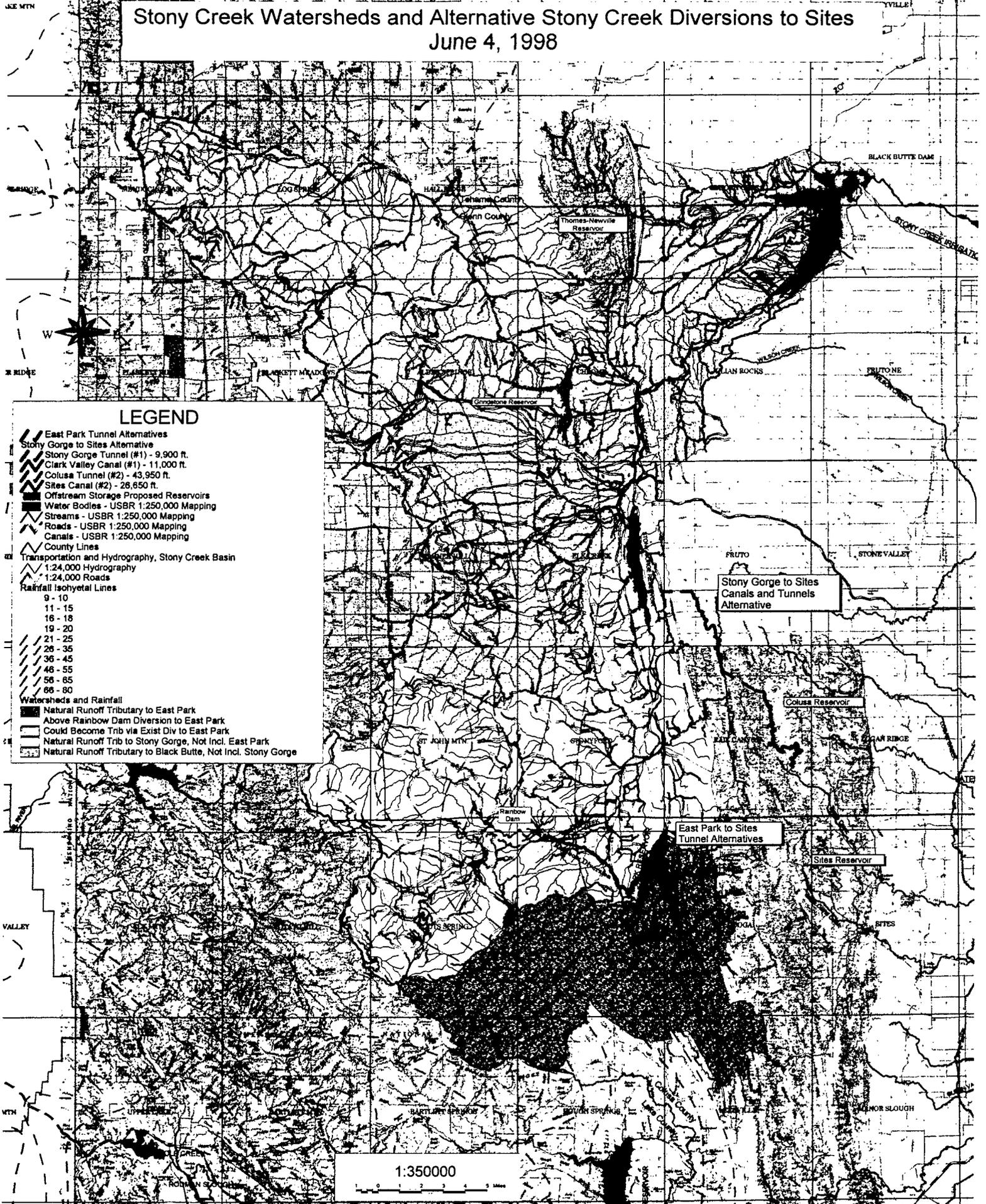
East Park to Sites Diversion Facilities and Alternatives





Stony Creek Watersheds and Alternative Stony Creek Diversions to Sites

June 4, 1998



LEGEND

- East Park Tunnel Alternatives
- Stony Gorge to Sites Alternative
- Stony Gorge Tunnel (#1) - 9,900 ft.
- Clark Valley Canal (#1) - 11,000 ft.
- Colusa Tunnel (#2) - 43,950 ft.
- Sites Canal (#2) - 26,650 ft.
- Offstream Storage Proposed Reservoirs
- Water Bodies - USBR 1:250,000 Mapping
- Streams - USBR 1:250,000 Mapping
- Roads - USBR 1:250,000 Mapping
- Canals - USBR 1:250,000 Mapping
- County Lines
- Transportation and Hydrography, Stony Creek Basin
- 1:24,000 Hydrography
- 1:24,000 Roads
- Rainfall Isohyetal Lines**
- 9 - 10
- 11 - 15
- 16 - 18
- 19 - 20
- 21 - 25
- 26 - 35
- 36 - 45
- 46 - 55
- 56 - 65
- 66 - 80
- Watersheds and Rainfall**
- Natural Runoff Tributary to East Park
- Above Rainbow Dam Diversion to East Park
- Could Become Trib via Exist Div to East Park
- Natural Runoff Trib to Stony Gorge, Not Incl. East Park
- Natural Runoff Tributary to Black Butte, Not Incl. Stony Gorge

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