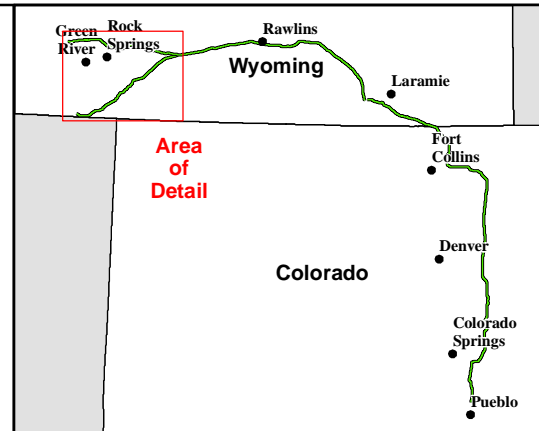
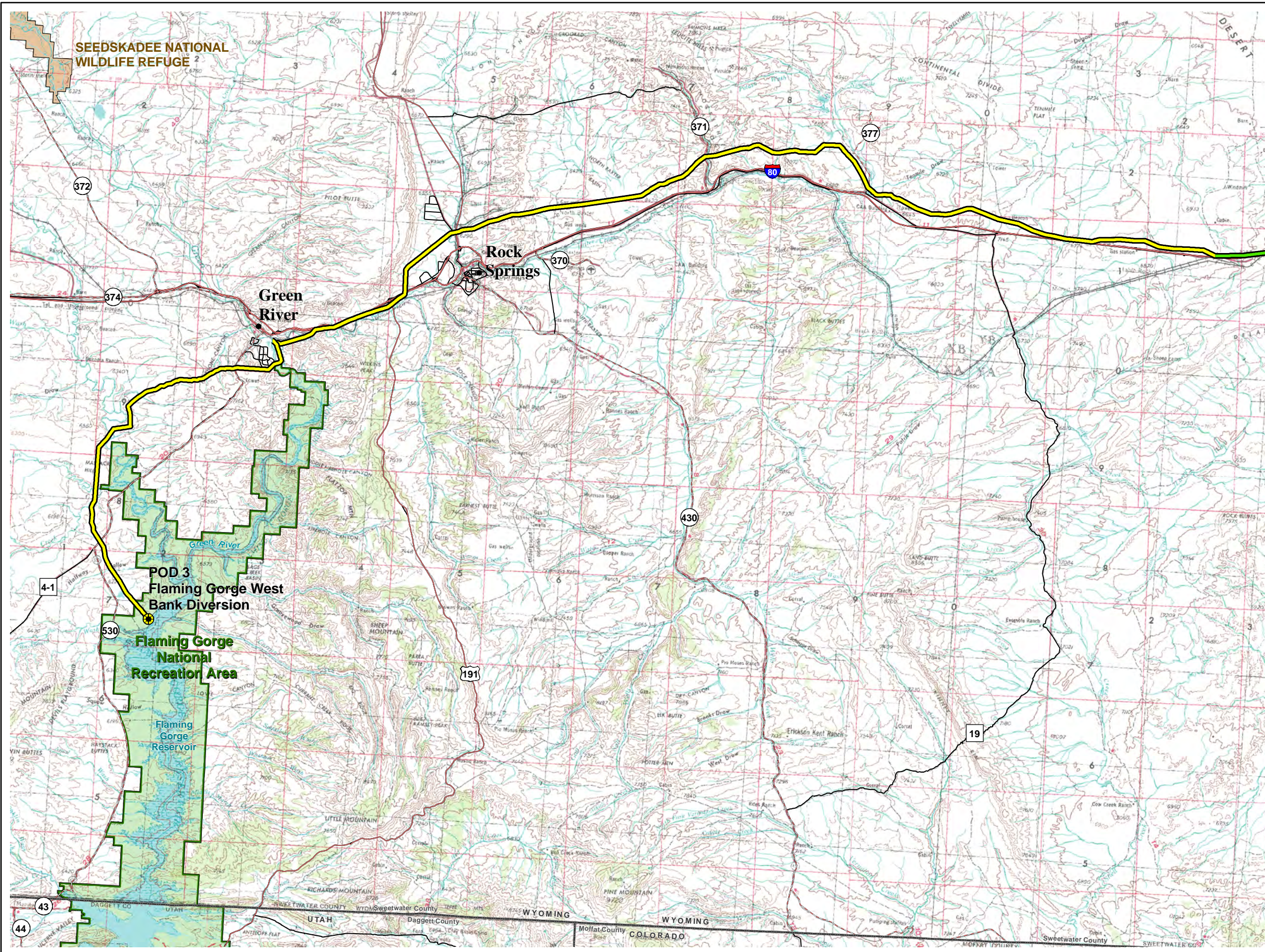


X:\Projects\13005_001_RegionalWaterSupplyProject\Figures\Meeting\Figures\Agency\Meetings_200904\Map3E_Alternative_E_Overview_20090623.mxd



- Legend**
- Point of Diversion
 - Alternative E
 - Mainline
 - Interstate Highway
 - U.S. Highway
 - State Highway
 - Major Road
 - USFS National Recreation Area
 - USFWS National Wildlife Refuge



**Regional Watershed
Supply Project**

**Map 3E
Overview of Alternative E
Diversion Point and
Associated Pipeline**



Withdrawal Portion of Pipeline System - Alternative Pipeline Segment E

A total of approximately 250,000 AF per year of water (new firm yield) would be withdrawn from one diversion point on Flaming Gorge Reservoir, transported by a pipeline to three water storage reservoirs (Lake Hattie near Laramie, Wyoming, Cactus Hill Reservoir near Fort Collins, Colorado, and a new reservoir near Pueblo, Colorado), and then delivered to water users in southeastern Wyoming and the Front Range of Colorado.

The proponent's proposed Alternative E withdrawal portion of the pipeline system (designated as pipeline segment E on Map 3E) would consist of one intake from the west side of Flaming Gorge Reservoir at POD3. The pipeline segment that would extend from the intake point to the converging point on the mainline pipeline system would be approximately 94 miles long.

A permanent ROW of 100 feet in width and a temporary construction ROW of an additional 100 feet would be required for the pipeline. A typical ROW cross-section would include a 14 foot-wide trench below the pipe and 62-foot width when accounting for the trench slopes. The temporary ROW would be used for equipment, pipe lay-down, soil lay-down, and access. Typically, the trench would be buried to a depth of approximately 12 to 16 feet to account for bed material beneath the pipe and approximately 5 feet of soil cover.