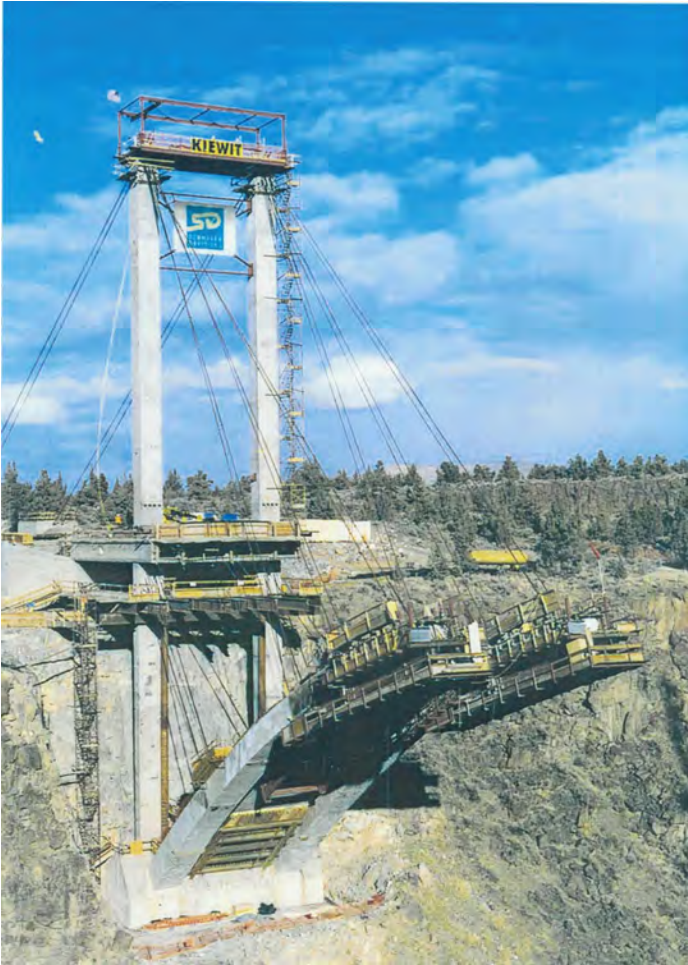


Crooked River Gorge Bridge Arch Construction

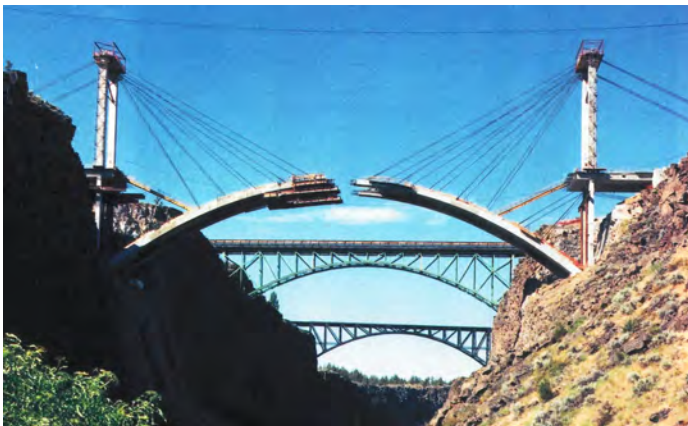
410 ft Concrete Arch Bridge over 330 ft Gorge



Segmental arch construction with (2) rib form travelers and (1) slab form traveler.

Design, engineering and drawings:

- Arch construction analysis to determine required pull on rib form traveler
- Rib form traveler supported by leading stay cable
- Slab form traveler
- Temporary precast concrete towers with stressing platform and jack trolley system
- Arch tie-back system and anchorage blocks
- Rock anchors
- First lift falsework
- Shop drawings
- Technical assistance



Project	- Crooked River Gorge Bridge
Location	- Bent, Oregon
Year	- 1999
Type	- Arch Construction
Owner	- Oregon DOT
GC	- Kiewit Pacific
Client	- Schwager Davis Inc.