



## Guide to the Six Companies, Inc. Hoover Dam Photograph Collection

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**University of Nevada, Las Vegas. University Libraries. Special  
Collections and Archives.**

Box 457010

4505 S. Maryland Parkway

Las Vegas, Nevada 89154-7010

[special.collections@unlv.edu](mailto:special.collections@unlv.edu)

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## Summary Information

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<b>Repository:</b>	University of Nevada, Las Vegas. University Libraries. Special Collections and Archives.
<b>Creator:</b>	Six Companies
<b>Contributor:</b>	Bechtel, Stephen Davison, 1900-1989
<b>Title:</b>	Six Companies, Inc. Hoover Dam Photograph Collection
<b>ID:</b>	PH-00267
<b>Date [inclusive]:</b>	1931 to 1935
<b>Physical Description:</b>	1.86 Cubic Feet (2 oversized boxes, 1 shared box, and 1 folder)
<b>Physical Description:</b>	3.83 Linear Feet
<b>Language of the Material:</b>	English
<b>Abstract:</b>	The Six Companies, Inc. Hoover Dam Photograph Collection (1931-1935), consists of approximately 400 black-and-white photographic prints contained in two photograph albums and an additional twenty-one loose black-and-white photographic prints with ten corresponding photographic negatives.

### Preferred Citation

Six Companies, Inc. Hoover Dam Photograph Collection, 1931-1935. PH-00267. Special Collections and Archives, University Libraries, University of Nevada, Las Vegas. Las Vegas, Nevada.

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## Historical Background

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Hoover Dam, built between 1931 and 1935, was designed to control the flood-prone Colorado River, generate cheap electricity to supply power to homes and industry, and provide work for the thousands who desperately needed jobs during the Great Depression. Passed by Congress in 1929, the Boulder Canyon Project Act provided the appropriations needed to begin construction and the government announced that bidding would open in February of 1931.

A consortium of six engineering and construction firms, led by William H. Wattis and Warren A. Bechtel, incorporated under the name Six Companies, Inc. one month before the government opened the bidding for the dam construction. In March of 1931, the company won the right to

build the concrete arch dam at a cost of nearly \$49 million (roughly equivalent to \$826 million in 2019). Work began in April in the Black Canyon of the Colorado River with the project officially named the Boulder Dam after the Boulder Canyon ten miles upstream from Black Canyon. Government geologists and engineers had initially chosen Boulder Canyon for the dam in 1921, but by 1930 it was clear that Black Canyon was a more suitable location. The location changed but the name remained until the dam was dedicated by President Franklin D. Roosevelt in September 1935.

The Six Companies, Inc. completed the dam project in just over five years, two years ahead of schedule and under budget, creating the largest masonry structure built in the twentieth century to that date. The Hoover Dam required 4.4 million cubic yards of concrete, 133 million pounds of plate and reinforced steel, 6.7 million pounds of pipes and fittings, and the labor of almost 5,000 men.

Source:

Simonds, William J.. "The Boulder Canyon Project: Hoover Dam". *United States Bureau of Reclamation*. August 14, 2015. Accessed October 24, 2019. <https://web.archive.org/web/20160209044559/https://www.usbr.gov/history/h Hoover.html>

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## Biographical Note

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Warren A. Bechtel was born September 12, 1872, the son of John Moyer and Elizabeth Bentz Bechtel. In 1884 the family moved from a farm in Illinois to Peabody, Kansas. After high school graduation, Bechtel worked briefly as a musician before returning to the family farm, but poor conditions left him with nothing but four healthy mules. When the Chicago Rock Island and Peoria Railway Company pushed westward in 1889, Bechtel gathered up his mule team and worked his way across the continent grading rail beds for frontier train lines.

In 1898 he formed the W. A. Bechtel Company. The young company began many new ventures, including construction of the Northern California Highway and the Norman Dam, which was at the time the second largest rock-fill dam in the world. By the time the company incorporated in 1925, it was the largest construction firm in the western United States, operated by the senior Bechtel and his two sons.

In February 1931, Bechtel became vice-president of Six Companies, Inc., a consortium created to bid for the government contract to build the Hoover Dam in Southern Nevada. The company won the contract with a \$49 million bid, and soon after Bechtel was named president after the death of W. H. Wattis, head of the Utah Construction Company and organizer of Six Companies. Work on the dam, the largest engineering project of its kind in the world at that date, began in April of 1931 and was completed on March 1, 1936.

Warren Bechtel, like his predecessor Wattis, did not live to see the project completed, dying unexpectedly on August 28, 1933 at age 60 while on a business trip to Moscow, Russia.

Sources:

"Warren A. Bechtel obituary". *The Peabody Gazette-Herald*, October 5, 1933, page 5. Accessed October 24 2019. [http://peabody.advantage-preservation.com/Viewer/?fn=the\\_peabody\\_gazette-herald\\_usa\\_kansas\\_peabody\\_19331012\\_english\\_5](http://peabody.advantage-preservation.com/Viewer/?fn=the_peabody_gazette-herald_usa_kansas_peabody_19331012_english_5)

Simonds, William J. "The Boulder Canyon Project: Hoover Dam". *United States Bureau of Reclamation*. Accessed October 24, 2019. <https://web.archive.org/web/20160209044559/https://www.usbr.gov/history/hover.html>

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## Scope and Contents Note

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The Six Companies, Inc. Hoover Dam Photograph Collection (1931-1935) documents the progress and successful completion of the Hoover Dam, located in the Black Canyon of the Colorado River in southern Nevada.

Although the United States Bureau of Reclamation kept a complete photographic record of the dam construction, the consortium of engineers and contractors who formed the Six Companies wanted its own record and hired Walter J. Lubken as the official photographer. His photographs were collected into a series of albums entitled "Photographic Record, Hoover Dam Project, Six Companies" and presented to representatives of the consortium.

The albums in this collection were designated "W. H. Bechtel Scrapbooks, volume one and two," although only one original cover survives. This cover is gilt stamped and bears the name W. H. Bechtel, president of Bechtel Company, the leading partner in the Six Companies. The materials consist of approximately 400 black-and-white photographic prints contained in two photograph albums and an additional twenty-one loose black-and-white photographic prints with ten corresponding photographic negatives. All photograph titles correspond to those printed in the albums.

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## Arrangement

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Materials remain in original order.

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## Administrative Information

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### Access Note

Collection is open for research.

### Publication Rights

Materials in this collection may be protected by copyrights and other rights. See [Reproductions and Use](#) on the UNLV Special Collections and Archives website for more information about reproductions and permissions to publish.

### Acquisition Note

Materials were received approximately 1975; accession number 2019-095.

### Processing Note

In 2019, as part of an archival backlog elimination project, Melise Leech reboxed and arranged the materials, wrote the finding aid and entered the data into ArchivesSpace. In 2022, Sarah Jones rewrote the inventory to align the description with linked digital objects.

### Existence and Location of Copies

A facsimile version of the original photograph albums, created by conservator Michael Frazier, is on display in the UNLV Special Collections and Archives reading room.

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## Names and Subjects

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- Hoover Dam (Ariz. and Nev.)
- Construction projects
- Photography

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## Collection Inventory

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Title/Description	Containers
Photographic prints	
One of the Mack trucks in front of the upper portal of Diversion Tunnel Number 2. Note the steel canopies over the driver's heads on all the trucks: photographic print, 1932 January 28 ( <a href="#">view online</a> )	folder 01

Bucyrus shovel working on road to lower end of Tunnels Number 1 and Number 2: photographic print, 1931 May 02 ( <a href="#">view online</a> )	folder 01
Looking out of the lower portal of Diversion Tunnel Number 2: photographic print, 1932 January 25 ( <a href="#">view online</a> )	folder 01
A flashlight photograph of the interior of one of the diversion tunnels. The drilling jumbo is working at the tunnel face: photographic print, 1932 January 28 ( <a href="#">view online</a> )	folder 01
One of the drilling jumbos ready for action on the upper portal of Diversion Tunnel Number 1: photographic print, 1932 January 28 ( <a href="#">view online</a> )	folder 01
A telephoto view of the muck disposal area on the Arizona side, below the lower portals of Diversion Tunnels Number 3 and Number 4: photographic print, 1932 January 19 ( <a href="#">view online</a> )	folder 01
Drilling jumbos mounted on the back of a truck for lower portal Number 4. This first wood-frame jumbo was experimental, later they were steel pipe: photographic print, 1931 September 26 ( <a href="#">view online</a> )	folder 01
Six Companies shovel operation at lower portal Number 4, Arizona side of Black Canyon: photographic print, 1931 September 28 ( <a href="#">view online</a> )	folder 01
Lower portal Number 4, Arizona side of Black Canyon: photographic print, 1931 September 25 ( <a href="#">view online</a> )	folder 01
Government pumping plant at the Colorado River in Black Canyon: photographic print, 1931 August 07 ( <a href="#">view online</a> )	folder 01
Frigidaire drinking water and water-cooling plant at compressor plant Number 2, Arizona side of Black Canyon: photographic print, 1931 August 09 ( <a href="#">view online</a> )	folder 01
Looking up from a point below the lower portals, showing the government pumping plant (lower left), the Six Companies' compressor plant (middle left), the location of the lower portals, and the highway loop above the canyon wall (upper center): photographic print, 1931 July 30 ( <a href="#">view online</a> )	folder 01
A Six Companies freight barge at the lower portals: photographic print, 1931 September 26 ( <a href="#">view online</a> )	folder 01
Marion electric shovel directly over the dam site during construction of the government highway: photographic print, 1931 September 26 ( <a href="#">view online</a> )	folder 01
Bucyrus-Erie shovel excavation for Site Number 3 compressor plant: photographic print, 1931 June 02 ( <a href="#">view online</a> )	folder 01
Bucyrus-Erie shovel excavation for Site Number 3 compressor plant: photographic print, 1931 June 02 ( <a href="#">view online</a> )	folder 01
Shovel excavation of a blasted rock cut along the edge of Black Canyon: photographic print, 1931 June 02 ( <a href="#">view online</a> )	folder 01
Six Companies railroad grade below Cape Horn, Black Canyon: photographic print, 1931 August 09 ( <a href="#">view online</a> )	folder 01

Upper portal of the Six Companies railroad tunnel Number 1: photographic print, 1931 August 09 ( <a href="#">view online</a> )	folder 01
Six Companies railroad grade above railroad tunnel Number 1 showing the proposed location of the "low-mix" concrete mixing plant: photographic print, 1931 August 09 ( <a href="#">view online</a> )	folder 01
Boat landing at railroad tunnel Number 1 and the catwalk to the Arizona side of Black Canyon: photographic print, 1931 August 09 ( <a href="#">view online</a> )	folder 01
Duplicate of photographic prints: photographic negatives, approximately 1932 to 1934  Physical Description: 10 Photographic Negatives	folder 01
Photograph albums	
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 1 ( <a href="#">view online</a> )	
Hoover Dam: photographic print, 1933 June 27 (0267_ALB1_2262)	oversized box 02
Cut-off trench at upstream side of Hoover Dam: photographic print, 1933 June 23 (0267_ALB1_2256)	oversized box 02
Hoover Dam: photographic print, 1933 June 27 (0267_ALB1_2263)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 2 ( <a href="#">view online</a> )	
Nevada spillway, looking upstream: photographic print, 1933 June 27 (0267_ALB1_2260)	oversized box 02
Lower portals of diversion tunnels discharging 73,000 cubic feet per second flow into Colorado River: photographic print, 1935 June 16 (0267_ALB1_2242)	oversized box 02
Arizona spillway, looking upstream: photographic print, 1933 June 27 (0267_ALB1_2259)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 3 ( <a href="#">view online</a> )	
Hoist house and Nevada anchorage, government cableway: photographic print, 1933 August 09 (0267_ALB1_2301)	oversized box 02
Trains on railroad bench hauling concrete to Hoover Dam: photographic print, 1933 August 12 (0267_ALB1_2310)	oversized box 02
Hoover Dam: photographic print, 1933 August 15 (0267_ALB1_2322)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 4 ( <a href="#">view online</a> )	
Hoover Dam: photographic print, 1933 July 26 (0267_ALB1_2286)	



	oversized box 02
Looking upstream at the Arizona spillway: photographic print, 1933 July 22 (0267_ALB1_2277)	oversized box 02
Looking upstream at the Nevada spillway: photographic print, 1933 July 22 (0267_ALB1_2278)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 5 ( <a href="#">view online</a> )	
150-ton government cableway, completed and in operation: photographic print, 1933 August 19 (0267_ALB1_2336)	oversized box 02
Blending plant, recently placed in operation, at the Himix concrete plant: photographic print, 1933 August 19 (0267_ALB1_2326)	oversized box 02
Hoover Dam, cooling tower and refrigeration plant, looking downstream: photographic print, 1933 September 14 (0267_ALB1_2349)	oversized box 02
Nevada spillway weir, showing forms for downstream abutment: photographic print, 1933 September 15 (0267_ALB1_2358)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 6 ( <a href="#">view online</a> )	
Hoover Dam, looking upstream: photographic print, 1933 August 22 (0267_ALB1_2339)	oversized box 02
Hoover Dam, looking upstream: photographic print, 1933 August 31 (0267_ALB1_2345)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 7 ( <a href="#">view online</a> )	
Telephoto view of Boulder Dam, cooling tower and refrigeration plant, looking downstream: photographic print, 1933 September 14 (0267_ALB1_2350)	oversized box 02
Arizona spillway, looking upstream: photographic print, 1933 October 07 (0267_ALB1_2379)	oversized box 02
Nevada spillway, looking upstream: photographic print, 1933 October 07 (0267_ALB1_2378)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 8 ( <a href="#">view online</a> )	
Concreting equipment in Number 1 inclined spillway tunnel: photographic print, 1933 October 07 (0267_ALB1_2386)	oversized box 02
Boulder Dam, looking upstream: photographic print, 1933 September 30 (0267_ALB1_2363)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 9 ( <a href="#">view online</a> )	
Boulder Dam, looking upstream: photographic print, 1933 October 15 (0267_ALB1_2388)	oversized box 02

Upstream plug in diversion tunnel Number 3, after excavation of raise and upstream uptake tower was completed: photographic print, 1933 October 30 (0267_ALB1_2405)	oversized box 02
Boulder Dam, looking downstream: photographic print, 1933 October 31 (0267_ALB1_2413)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 10 ( <a href="#">view online</a> )	
Nevada spillway weir: photographic print, 1933 October 30 (0267_ALB1_2400)	oversized box 02
Arizona intake towers and spillway: photographic print, 1933 October 31 (0267_ALB1_2410)	oversized box 02
Nevada intake towers: photographic print, 1933 October 31 (0267_ALB1_2412)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 11 ( <a href="#">view online</a> )	
Boulder Dam: photographic print, 1933 November 07 (0267_ALB1_2419)	oversized box 02
Boulder Dam. Note 10-foot diameter powerhouse gallery forms being installed: photographic print, 1933 November 22 (0267_ALB1_2428)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 12 ( <a href="#">view online</a> )	
Upper portals of the diversion tunnels: photographic print, 1933 November 30 (0267_ALB1_2437)	oversized box 02
Close-up of Boulder Dam: photographic print, 1933 November 30 (0267_ALB1_2438)	oversized box 02
Himix Plant. Note the new type of 8 cubic yard bucket on the car, and the two additional 4 cubic yard mixers being installed: photographic print, 1933 December 01 (0267_ALB1_2444)	oversized box 02
Arizona intake towers. The head tower for Number 10 cableway is erected and the 180 ft. boom derrick is nearly complete: photographic print, 1933 December 01 (0267_ALB1_2446)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 13 ( <a href="#">view online</a> )	
Looking upstream through Black Canyon showing Boulder Dam under construction: photographic print, 1933 December 15 (0267_ALB1_2455)	oversized box 02
Close-up of Boulder Dam, looking downstream: photographic print, 1933 December 27 (0267_ALB1_2473)	oversized box 02
Nevada spillway weir: photographic print, 1933 December 27 (0267_ALB1_2480)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 14 ( <a href="#">view online</a> )	

View of two-hundred ton two-way trailer, with test load: photographic print, 1933 December 15 (0267_ALB1_2457)	oversized box 02
Excavation for downstream plug, diversion tunnel Number 3: photographic print, 1933 December 29 (0267_ALB1_2460)	oversized box 02
Excavation for downstream plug, diversion tunnel Number 3: photographic print, 1933 December 29 (0267_ALB1_2481)	oversized box 02
Arizona intake towers: photographic print, 1933 December 27 (0267_ALB1_2485)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 15 ( <a href="#">view online</a> )	
Arizona intake towers derrick: photographic print, 1933 December 27 (0267_ALB1_2478)	oversized box 02
Nevada intake towers derrick: photographic print, 1933 December 27 (0267_ALB1_2479)	oversized box 02
Upstream face of Boulder Dam: photographic print, 1933 December 27 (0267_ALB1_2476)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 16 ( <a href="#">view online</a> )	
Downstream face of Boulder Dam: photographic print, 1933 December 27 (0267_ALB1_2468)	oversized box 02
Boulder Dam, view taken looking upstream: photographic print, 1933 December 27 (0267_ALB1_2474)	oversized box 02
Close-up of Boulder Dam. View taken from the Arizona side, looking upstream: photographic print, 1934 January 24 (0267_ALB1_2466)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 17 ( <a href="#">view online</a> )	
Close-up of slot at the upstream face of Boulder Dam: photographic print, 1934 January 24 (0267_ALB1_2509)	oversized box 02
Downstream face of Boulder Dam, showing foundation for central wing of the powerhouse: photographic print, 1934 January 24 (0267_ALB1_2514)	oversized box 02
Upstream face of Boulder Dam: photographic print, 1934 January 24 (0267_ALB1_2512)	oversized box 02
Forms for transition at the downstream plug of diversion tunnel Number 2: photographic print, 1934 January 27 (0267_ALB1_2510)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 18 ( <a href="#">view online</a> )	
Nevada spillway weir section: photographic print, 1934 January 24 (0267_ALB1_2528)	oversized box 02
Nevada spillway, looking upstream: photographic print, 1934 January 24 (0267_ALB1_2507)	oversized box 02

Forms in the upstream plug of diversion tunnel Number 2: photographic print, 1934 January 27 (0267_ALB1_2506)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 19 ( <a href="#">view online</a> )	
Forms in the upstream plug of diversion tunnel Number 3: photographic print, 1934 January 27 (0267_ALB1_2521)	oversized box 02
Placing concrete lining in Arizona upper penstock tunnel: photographic print, 1934 January 27 (0267_ALB1_2522)	oversized box 02
Placing concrete lining in Arizona upper penstock tunnel: photographic print, 1934 January 27 (0267_ALB1_2525)	oversized box 02
Two-hundred ton two-way trailer, for transporting sections of 30-foot penstock pipe: photographic print, 1933 December 15 (0267_ALB1_2480)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 20 ( <a href="#">view online</a> )	
Number 3 derrick in service at Boulder Dam: photographic print, 1934 January 24 (0267_ALB1_2517)	oversized box 02
Boulder Dam, looking upstream: photographic print, 1934 January 31 (0267_ALB1_2529)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 21 ( <a href="#">view online</a> )	
General view of Nevada intake towers from Arizona side, showing Lomix trestle below: photographic print, 1934 February 20 (0267_ALB1_2541)	oversized box 02
General view of Nevada intake towers and spillway from Nevada Himix Trestle: photographic print, 1934 February 20 (0267_ALB1_2540)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 22 ( <a href="#">view online</a> )	
Looking upstream toward Nevada powerhouse, showing 18-foot penstock openings: photographic print, 1934 February 20 (0267_ALB1_2546)	oversized box 02
Boulder Dam looking upstream from lower cofferdam, showing powerhouse footings and benches: photographic print, 1934 February 28 (0267_ALB1_2545)	oversized box 02
Looking upstream toward the Arizona powerhouse, showing 18-foot penstock openings: photographic print, 1934 February 20 (0267_ALB1_2547)	oversized box 02
Looking downstream over top of Boulder Dam, showing Lomix unloading trestle: photographic print, 1934 February 20 (0267_ALB1_2538)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 23 ( <a href="#">view online</a> )	

Boulder Dam, looking upstream. Cooling tower in foreground: photographic print, 1934 February 15 (0267_ALB1_2534)	oversized box 02
General view of Boulder Dam, looking upstream: photographic print, 1934 March 01 (0267_ALB1_2560)	oversized box 02
General view of Himix, including blending plant silos at left rear of picture: photographic print, 1934 March 01 (0267_ALB1_2558)	oversized box 02
Looking downstream in lower Number 2 plug, showing form work: photographic print, 1934 February 20 (0267_ALB1_2543)	oversized box 02
Excavation for bridge abutment in Arizona spillway: photographic print, 1934 February 28 (0267_ALB1_2542)	oversized box 02
Close-up of cooling pipe layout in Panel H-3: photographic print, 1934 February 20 (0267_ALB1_2539)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 25 ( <a href="#">view online</a> )	
Boulder Dam, looking upstream: photographic print, 1934 March 16 (0267_ALB1_2578)	oversized box 02
Boulder Dam, looking upstream: photographic print, 1934 April 01 (0267_ALB1_2618)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 26 ( <a href="#">view online</a> )	
Foundation forms for the Arizona powerhouse, taken from the Nevada valve house bench: photographic print, 1934 March 16 (0267_ALB1_2581)	oversized box 02
Forms for Arizona powerhouse retaining wall: photographic print, 1934 March 14 (0267_ALB1_2599)	oversized box 02
Telephoto view of foundation forms for the Arizona powerhouse, taken from Lookout Point: photographic print, 1931 April 01 (0267_ALB1_2617)	oversized box 02
View looking into powerhouse block A-5: photographic print, 1934 March 28 (0267_ALB1_2610)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 27 ( <a href="#">view online</a> )	
Union Pacific "Train of Tomorrow" on the Lomix trestle, at the upstream face of Boulder Dam, where the concrete is transferred from Lomix trains to the Dam: photographic print, 1934 March 09 (0267_ALB1_2568)	oversized box 02
View taken from Number 2 Arizona derrick, showing Nevada spillway in the background: photographic print, 1934 March 24 (0267_ALB1_2589)	oversized box 02
Looking upstream in Number 4 raise and plug: photographic print, 1934 March 28 (0267_ALB1_2616)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 28 ( <a href="#">view online</a> )	

Arizona intake towers, from the Nevada Himix trestle, with Arizona spillway shown in the background: photographic print, 1934 March 24 (0267_ALB1_2590)	oversized box 02
Nevada intake towers from the Arizona side: photographic print, 1934 March 24 (0267_ALB1_2591)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 29 ( <a href="#">view online</a> )	
View of Boulder Dam and the Nevada intake towers, taken from the Arizona side. "Monkey Slide" down Nevada abutment of Dam shown in center: photographic print, 1934 April 28 (0267_ALB1_2653)	oversized box 02
Looking upstream in Black Canyon, from the Nevada side, showing Boulder Dam and the Arizona intake towers in center. Arizona spillway shown at upper right. Himix plant at lower left, and government head tower at lower right: photographic print, 1934 April 17 (0267_ALB1_2630)	oversized box 02
Unloading 8-foot interior dimension valve house outlet pipe with the government cableway. View taken on the Nevada side, looking upstream: photographic print, 1934 April 24 (0267_ALB1_2643)	oversized box 02
Track layout above Himix and cement blending plants, showing bins where rock and sand are dumped: photographic print, 1934 April 17 (0267_ALB1_2625)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 30 ( <a href="#">view online</a> )	
Interior view of Power House block A-7, showing reinforcing steel and pipe layout: photographic print, 1934 April 25 (0267_ALB1_2638)	oversized box 02
View of Power House block A-7, from the lower Arizona construction unit, showing form work and pouring arrangement: photographic print, 1934 April 25 (0267_ALB1_2634)	oversized box 02
Looking upstream in Black Canyon, showing general view of the powerhouse layout, taken from the Nevada valve house bench: photographic print, 1934 April 28 (0267_ALB1_2660)	oversized box 02
General view of Himix and cement blending plants, with unloading track and aggregate bins above: photographic print, 1934 April 17 (0267_ALB1_2629)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 31 ( <a href="#">view online</a> )	
Looking upstream in Black Canyon, showing the downstream face of Boulder Dam: photographic print, 1934 April 30 (0267_ALB1_2666)	oversized box 02
View showing installation of 100-foot drum gates in the Arizona spillway: photographic print, 1934 April 28 (0267_ALB1_2659)	oversized box 02
Looking upstream in Number 5 Penstock tunnel, showing penstock outlets, man-ways and pedestal recesses: photographic print, 1934 April 28 (0267_ALB1_2664)	oversized box 02

Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 32  
[\(view online\)](#)

View of the Nevada intake towers, taken from the Arizona side: photographic print, 1934 April 28 (0267\_ALB1\_2649) oversized box 02

View taken from Himix trestle, showing the Arizona intake towers, and Arizona spillway in background: photographic print, 1934 April 27 (0267\_ALB1\_2648) oversized box 02

Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 33  
[\(view online\)](#)

Panorama looking downstream in Black Canyon, taken from the Nevada side, showing the upstream face of Boulder Dam, Arizona and Nevada spillways, intake towers, cableways and general construction: photographic print, 1934 May 12 (0267\_ALB1\_2667) oversized box 02

Panorama looking downstream in Black Canyon, taken from the Nevada side, showing the upstream face of Boulder Dam, Arizona and Nevada spillways, intake towers, cableways and general construction: photographic print, 1934 May 12 (0267\_ALB1\_2668) oversized box 02

Arizona spillway, looking upstream: photographic print, 1934 May 25 (0267\_ALB1\_2697) oversized box 02

Trash rack at the upper portals of diversion tunnel Number 2: photographic print, 1934 May 25 (0267\_ALB1\_2695) oversized box 02

Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 34  
[\(view online\)](#)

Boulder Dam, looking upstream from the Nevada side: photographic print, 1934 May 31 (0267\_ALB1\_2713) oversized box 02

Looking upstream toward the upper plug and raise, in diversion tunnel Number 3: photographic print, 1934 May 25 (0267\_ALB1\_2698) oversized box 02

Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 35  
[\(view online\)](#)

Nevada powerhouse, from the Arizona valve house bench: photographic print, 1934 May 29 (0267\_ALB1\_2703) oversized box 02

Boulder Dam and powerhouse, looking upstream from the downstream cofferdam: photographic print, 1934 May 29 (0267\_ALB1\_2701) oversized box 02

Arizona powerhouse, from the Nevada valve house bench: photographic print, 1934 May 29 (0267\_ALB1\_2702) oversized box 02

Number 5 unit of Nevada powerhouse, showing Number 3 pour completed: photographic print, 1934 May 29 (0267\_ALB1\_2704) oversized box 02

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Arizona intake towers, from the Nevada side: photographic print, 1934 May 29 (0267\_ALB1\_2710) oversized box 02

Nevada intake towers, from the Arizona side: photographic print, 1934 May 29 (0267_ALB1_2709)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 37 ( <a href="#">view online</a> )	
Arizona intake towers: photographic print, 1934 June 21 (0267_ALB1_2739)	oversized box 02
Nevada intake towers: photographic print, 1934 June 21 (0267_ALB1_2738)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 38 ( <a href="#">view online</a> )	
Form work in units 8 and 9, Arizona powerhouse: photographic print, 1934 June 14 (0267_ALB1_2720)	oversized box 02
Nevada powerhouse layout: photographic print, 1934 June 21 (0267_ALB1_2733)	oversized box 02
Night photograph of powerhouse construction: photographic print, 1934 June 19 (0267_ALB1_2730)	oversized box 02
Arizona powerhouse layout: photographic print, 1934 June 21 (0267_ALB1_2732)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 39 ( <a href="#">view online</a> )	
Second millionth yard of concrete being placed in Boulder Dam: photographic print, 1934 June 24 (0267_ALB1_2715)	oversized box 02
View of the drum gates in the Arizona spillway: photographic print, 1934 June 21 (0267_ALB1_2741)	oversized box 02
Top of Boulder Dam, from the Nevada side. Arizona intake towers in background: photographic print, 1934 June 22 (0267_ALB1_2744)	oversized box 02
View of Nevada spillway: photographic print, 1934 June 21 (0267_ALB1_2742)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 40 ( <a href="#">view online</a> )	
Downstream face of Boulder Dam, taken from Lookout Point: photographic print, 1934 June 16 (0267_ALB1_2727)	oversized box 02
Looking down the transition into Number 4 raise: photographic print, 1934 June 21 (0267_ALB1_2743)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 41 ( <a href="#">view online</a> )	
Looking upstream at Boulder Dam, from the downstream cofferdam: photographic print, 1934 July 24 (0267_ALB1_2781)	oversized box 02
Nevada powerhouse from the Arizona valve house bench: photographic print, 1934 July 24 (0267_ALB1_2783)	oversized box 02



View of the Nevada powerhouse units from the Arizona retaining wall: photographic print, 1934 July 20 (0267_ALB1_2764)	oversized box 02
Arizona powerhouse from the Arizona valve house bench: photographic print, 1934 July 24 (0267_ALB1_2782)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 42 ( <a href="#">view online</a> )	
View showing river side of Arizona spillway, looking downstream: photographic print, 1934 July 24 (0267_ALB1_2774)	oversized box 02
Looking upstream toward the Nevada spillway, showing the placing of the cylinder gates: photographic print, 1934 July 20 (0267_ALB1_2761)	oversized box 02
First 30-foot penstock pipe section being lifted from trailer with government cableway: photographic print, 1934 July 20 (0267_ALB1_2758)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 43 ( <a href="#">view online</a> )	
Boulder Dam, looking upstream from Lookout Point: photographic print, 1934 July 31 (0267_ALB1_2789)	oversized box 02
Looking downstream at Boulder Dam, from the Arizona side: photographic print, 1934 July 24 (0267_ALB1_2777)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 44 ( <a href="#">view online</a> )	
Close-up of Number 3 Arizona intake tower, showing the cylinder gates being placed: photographic print, 1934 July 24 (0267_ALB1_2776)	oversized box 02
Close-up of the Arizona intake towers, from the high catwalk: photographic print, 1934 July 24 (0267_ALB1_2775)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 45 ( <a href="#">view online</a> )	
Looking downstream into the Arizona spillway and Number 4 raise: photographic print, 1934 August 21 (0267_ALB1_2802)	oversized box 02
Looking downstream into Number 4 raise, showing the form work: photographic print, 1934 August 21 (0267_ALB1_2803)	oversized box 02
Looking downstream from the Nevada side, toward the upstream face of Boulder Dam, showing the spillways, Arizona intake towers and cableways: photographic print, 1934 August 17 (0267_ALB1_2794)	oversized box 02
Looking upstream in Upper Number 3 plug, showing pumpcrete and pipes: photographic print, 1934 August 25 (0267_ALB1_2825)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 46 ( <a href="#">view online</a> )	
Boulder Dam, looking upstream from Lookout Point: photographic print, 1934 August 31 (0267_ALB1_2826)	oversized box 02

Looking upstream into Number 1 raise from the river side of the Nevada spillway, showing form work at portal: photographic print, 1934 August 31 (0267_ALB1_2831)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 47 ( <a href="#">view online</a> )	
Looking downstream into the Arizona spillway: photographic print, 1934 September 27 (0267_ALB1_2860)	oversized box 02
Looking downstream into the port of Number 4 raise: photographic print, 1934 September 27 (0267_ALB1_2861)	oversized box 02
Looking from the Arizona side, toward the Nevada side, showing all four intake towers, three derricks, Boulder Dam to the left, and the Nevada spillway to the right: photographic print, 1934 September 27 (0267_ALB1_2865)	oversized box 02
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Looking upstream at Boulder Dam and the powerhouse, from the downstream cofferdam: photographic print, 1934 September 27 (0267_ALB1_2847)	oversized box 02
Nevada powerhouse from the Arizona valve house bench: photographic print, 1934 September 27 (0267_ALB1_2850)	oversized box 02
Close-up of the Nevada powerhouse, showing the draft tubes: photographic print, 1934 September 27 (0267_ALB1_2853)	oversized box 02
Arizona powerhouse from the Nevada valve house bench: photographic print, 1934 September 27 (0267_ALB1_2851)	oversized box 02
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Looking upstream toward Boulder Dam, from Lookout Point: photographic print, 1934 September 29 (0267_ALB1_2868)	oversized box 02
Night photograph of Boulder Dam, from Lookout Point: photographic print (0267_ALB1_2866)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 50 ( <a href="#">view online</a> )	
View taken from the Nevada side, looking downstream on the lower cofferdam, showing excavation and dykes: photographic print, 1934 September 17 (0267_ALB1_2843)	oversized box 02
Looking downstream toward the upstream face of Boulder Dam, from the Arizona side: photographic print, 1934 September 27 (0267_ALB1_2862)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 51 ( <a href="#">view online</a> )	
Boulder Dam, looking upstream from Lookout Point: photographic print, 1934 November 22 (0267_ALB1_2919)	oversized box 02

Top of Boulder Dam, looking toward the Arizona side. Arizona spillway and intake towers in the background: photographic print, 1934 October 17 (0267_ALB1_2885)	oversized box 02
Looking toward the Arizona side, showing top of Boulder Dam, with Arizona spillway and intake towers in background: photographic print, 1934 October 17 (0267_ALB1_2883)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 52 ( <a href="#">view online</a> )	
Nevada intake towers, from the Arizona side: photographic print, 1934 October 25 (0267_ALB1_2895)	oversized box 02
Looking downstream, showing spillways, intake towers and upstream face of Boulder Dam: photographic print, 1934 October 25 (0267_ALB1_2901)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 53 ( <a href="#">view online</a> )	
Central section of the powerhouse, looking toward the Nevada side, showing the floor level. Number 2 adit car in the extreme background: photographic print, 1934 October 30 (0267_ALB1_2905)	oversized box 02
Looking downstream into the Arizona powerhouse, showing location of the turbine rooms, from room galleries, and penstocks: photographic print, 1934 October 30 (0267_ALB1_2910)	oversized box 02
Nevada powerhouse, showing the reinforcing and walls around the penstock openings. Pumpcrete machine is in the butterfly valve gallery between the rock abutment and the turbine room: photographic print, 1934 October 30 (0267_ALB1_2908)	oversized box 02
Looking upstream into the pipe gallery in the Nevada powerhouse, showing beams and concrete: photographic print, 1934 October 30 (0267_ALB1_2914)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 54 ( <a href="#">view online</a> )	
Upper portal trash rack for diversion tunnel Number 1, on the Nevada side: photographic print, 1934 October 30 (0267_ALB1_2918)	oversized box 02
Looking downstream into Number 4 raise, showing close-up of portal forms: photographic print, 1934 October 25 (0267_ALB1_2983)	oversized box 02
Looking upstream in Number 2 diversion tunnel, showing the concrete pipe line from the pumpcrete gun to the upstream plug: photographic print, 1934 October 31 (0267_ALB1_2916)	oversized box 02
Looking downstream into the Nevada spillway: photographic print, 1934 October 25 (0267_ALB1_2900)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 55 ( <a href="#">view online</a> )	
Boulder Dam, looking upstream from Lookout Point: photographic print, 1934 December 03 (0267_ALB1_2936)	oversized box 02

Third millionth cubic yard of concrete being lowered to Boulder Dam: photographic print, 1934 December 05 (0267_ALB1_2958)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 56 ( <a href="#">view online</a> )	
Looking upstream in Number 1 plug, showing the united portions of the arch and raise into the Nevada spillway: photographic print, 1934 November 17 (0267_ALB1_2934)	oversized box 02
Looking upstream into Number 3 plug and raise, showing plug concrete in place, cooling headers above and rail extension for moving steel pipe: photographic print, 1934 November 17 (0267_ALB1_2935)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 57 ( <a href="#">view online</a> )	
Number 5 intake tower finished to elevation 1232, showing curtain wall: photographic print, 1934 December 05 (0267_ALB1_2963)	oversized box 02
Telephoto looking downstream into the Arizona spillway, showing construction of the spillway bridge: photographic print, 1935 January 08 (0267_ALB1_3009)	oversized box 02
Looking upstream at the upper end of Number 1 plug, showing forms for the intake transition: photographic print, 1934 December 19 (0267_ALB1_2980)	oversized box 02
Looking upstream into Number 1 plug, showing the placing of the high pressure valves and method of pouring: photographic print, 1934 December 19 (0267_ALB1_2977)	oversized box 02
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Form work on the Nevada valve house bench: photographic print, 1935 January 02 (0267_ALB1_2993)	oversized box 02
Telephoto view of Nevada powerhouse units: photographic print, 1934 December 19 (0267_ALB1_2971)	oversized box 02
Arizona valve house from the center of the low catwalk: photographic print, 1935 January 02 (0267_ALB1_2995)	oversized box 02
Telephoto view of Arizona powerhouse units: photographic print, 1934 December 19 (0267_ALB1_2973)	oversized box 02
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Boulder Dam, looking upstream from Lookout Point: photographic print, 1935 January 02 (0267_ALB1_2996)	oversized box 02
Looking across top of Boulder Dam, toward the Arizona side, showing the start of the utility and elevator towers: photographic print, 1935 January 08 (0267_ALB1_3015)	oversized box 02

View taken from the Arizona side, looking across the top of Boulder Dam, showing elevator and utility towers: photographic print, 1935 January 02 (0267_ALB1_3000)	oversized box 02
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Boulder Dam, looking downstream. View taken from the Arizona canyon wall, showing intake towers and Himix in background: photographic print, 1935 January 08 (0267_ALB1_3007)	oversized box 02
Looking upstream into falsework under the Arizona spillway bridge, showing jacks in place. Hopper arrangement in foreground is used for pouring Number 4 raise: photographic print, 1935 January 08 (0267_ALB1_3010)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 61 ( <a href="#">view online</a> )	
Telephoto view looking downstream into the Arizona spillway, showing the bridge under construction: photographic print, 1935 January 28 (0267_ALB1_3042)	oversized box 02
Arizona valve house, from the government cableway: photographic print, 1935 January 16 (0267_ALB1_3020)	oversized box 02
Looking downstream into the Nevada spillway: photographic print, 1935 January 29 (0267_ALB1_3044)	oversized box 02
Looking upstream toward Boulder Dam, showing excavation of the downstream cofferdam: photographic print, 1935 January 28 (0267_ALB1_3032)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 62 ( <a href="#">view online</a> )	
Nevada powerhouse, from the downstream cofferdam: photographic print, 1935 January 28 (0267_ALB1_3025)	oversized box 02
Diversion tunnel Number 1 trash rack and counterweight assembly just prior to the diverting of the Colorado River into the tunnel: photographic print, 1935 February 01 (0267_ALB1_3059)	oversized box 02
Arizona powerhouse, from the downstream cofferdam: photographic print, 1935 January 28 (0267_ALB1_3026)	oversized box 02
Diversion of the Colorado River into diversion tunnel Number 1 as the gate on diversion tunnel Number 4 is being lowered: photographic print, 1935 February 01 (0267_ALB1_3054)	oversized box 02
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Boulder Dam, looking upstream: photographic print, 1935 February 01 (0267_ALB1_3062)	oversized box 02
Upstream face of Boulder Dam, looking downstream from the upstream cofferdam. Arizona intake towers on left, Nevada intake towers to the right: photographic print, 1935 January 28 (0267_ALB1_3028)	oversized box 02

Looking across the downstream face of Boulder Dam, showing the utility towers and elevator shaft foot: photographic print, 1935 January 28 (0267_ALB1_3038)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 64 ( <a href="#">view online</a> )	
Upstream face of Boulder Dam, and the Arizona intake towers: photographic print, 1935 January 28 (0267_ALB1_3046)	oversized box 02
Upstream face of Boulder Dam, and the Arizona intake towers: photographic print, 1935 January 28 (0267_ALB1_3037)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 65 ( <a href="#">view online</a> )	
Looking down on top of Boulder Dam. Note the bucket pouring the roadway on "R" block at elevation 1232: photographic print, 1935 February 25 (0267_ALB1_3118)	oversized box 02
Telephoto view of the Arizona valve house, from the Nevada side: photographic print, 1935 February 25 (0267_ALB1_3126)	oversized box 02
A view of Boulder Dam lake and reservoir area from Observation Point: photographic print, 1935 March 04 (0267_ALB1_3141)	oversized box 02
Telephoto view of the Nevada valve house, from the Arizona side: photographic print, 1935 February 25 (0267_ALB1_3127)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 66 ( <a href="#">view online</a> )	
Close-up of the Arizona intake towers, Number 6 on left, Number 3 on right. Note the forms for the dome of intake tower Number 6: photographic print, 1935 March 04 (0267_ALB1_3136)	oversized box 02
View from the Arizona spillway bridge, looking downstream into Number 4 raise, showing general construction methods: photographic print, 1935 February 25 (0267_ALB1_3133)	oversized box 02
Looking downstream from the Arizona side, showing Boulder Dam, the intake towers and general layout. Note the dome formed on one of the intake towers: photographic print, 1935 February 25 (0267_ALB1_3120)	oversized box 02
The run-around excavated in the old top heading adit, to facilitate handling concrete for Number 4 plug: photographic print, 1935 March 04 (0267_ALB1_3139)	oversized box 02
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Looking upstream at Boulder Dam, from the power house floor: photographic print, 1935 February 25 (0267_ALB1_3115)	oversized box 02
View from the top of Boulder Dam, looking downstream on the power houses, showing the valve houses and lower cofferdam in the background: photographic print, 1935 February 25 (0267_ALB1_3125)	oversized box 02

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The Arizona intake towers, from the Nevada side: photographic print, 1935 February 25 (0267_ALB1_3131)	oversized box 02
The Nevada intake towers, from the Arizona side: photographic print, 1935 February 25 (0267_ALB1_3130)	oversized box 02
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Looking upstream toward Boulder Dam, from the lower portals road. Note the downstream cofferdam excavation: photographic print, 1935 March 26 (0267_ALB1_3171)	oversized box 02
General view, taken from the Nevada side, looking downstream on Boulder Dam: photographic print, 1935 March 25 (0267_ALB1_3157)	oversized box 02
Looking down on Boulder Dam, showing the finished roadway, and the intake bridge girders in place: photographic print, 1935 March 25 (0267_ALB1_3151)	oversized box 02
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Looking upstream toward the Nevada intake towers, showing the intake bridge girders in place: photographic print, 1935 March 25 (0267_ALB1_3152)	oversized box 02
Looking upstream toward the Nevada powerhouse: photographic print, 1935 March 26 (0267_ALB1_3177)	oversized box 02
Looking upstream toward the Number 1 upstream plug, showing approximately 7,100 second feet of water being discharged: photographic print, 1935 March 26 (0267_ALB1_3181)	oversized box 02
Looking upstream toward the Arizona powerhouse: photographic print, 1935 March 26 (0267_ALB1_3178)	oversized box 02
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Looking downstream toward the Number 6 Arizona intake tower control house. Note the bridge forms being placed for pouring: photographic print, 1935 March 25 (0267_ALB1_3160)	oversized box 02
View taken from the Arizona side, showing the intake towers and the upstream face of Boulder Dam: photographic print, 1935 March 26 (0267_ALB1_3169)	oversized box 02
View taken from Number 4 raise, looking upstream at the Arizona spillway bridge: photographic print, 1935 March 26 (0267_ALB1_3173)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 72 ( <a href="#">view online</a> )	
Telephoto view, looking downstream into the Arizona spillway. Note the bridge and control house: photographic print, 1935 March 26 (0267_ALB1_3172)	oversized box 02

Telephoto view looking downstream into the Nevada spillway. Note the spillway Control House being formed: photographic print, 1935 March 25 (0267_ALB1_3158)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 73 ( <a href="#">view online</a> )	
Telephoto view of the Arizona valve house: photographic print, 1935 April 25 (0267_ALB1_3238)	oversized box 02
Telephoto view from the Nevada side, showing some of the Arizona power house roof girders in position. Note the universal crane on top. The girder on the flat car has just been lowered by means of the government cableway: photographic print, 1935 April 25 (0267_ALB1_3234)	oversized box 02
Telephoto of the Nevada valve house. Note the forms for the roof beams being built: photographic print, 1935 April 25 (0267_ALB1_3237)	oversized box 02
View taken from the upstream end of Number 4 plug, looking downstream, showing the method of pouring: photographic print, 1935 April 26 (0267_ALB1_3245)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 74 ( <a href="#">view online</a> )	
View of power house governor gallery, elevation 645, looking downstream on the Arizona side: photographic print, 1935 April 10 (0267_ALB1_3203)	oversized box 02
View of power house pump gallery, elevation 625, looking downstream on the Arizona side: photographic print, 1935 April 10 (0267_ALB1_3199)	oversized box 02
View of power house turbine gallery, elevation 643, looking downstream on the Arizona side: photographic print, 1935 April 10 (0267_ALB1_3201)	oversized box 02
View of power house cable gallery, elevation 653, looking downstream on the Arizona side: photographic print, 1935 April 10 (0267_ALB1_3194)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 75 ( <a href="#">view online</a> )	
View from the Nevada utility tower of Boulder Dam, showing the Memorial Day exercises in connection with the unveiling of the plaque commemorating the men who gave their lives in the construction of Boulder Dam: photographic print, 1935 May 30 (0267_ALB1_3293)	oversized box 02
On crest of Boulder Dam, looking toward the Nevada side, showing final pour in the slot, which practically completes the concrete in Boulder Dam: photographic print, 1935 May 29 (0267_ALB1_3287)	oversized box 02
View of Boulder Dam, from the Nevada side. The road, towers, and parapets are completed: photographic print, 1935 June 01 (0267_ALB1_3298)	oversized box 02



Looking upstream at Number 6 intake tower top. Note the method of lowering the trash tracks into their respective slots: photographic print, 1935 May 27 (0267_ALB1_3282)	oversized box 02
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Boulder Dam, looking downstream from the Arizona side: photographic print, 1935 May 27 (0267_ALB1_3269)	oversized box 02
Looking in a general downstream direction, on the Arizona Black Canyon highway, showing Six Companies Inc. road work: photographic print, 1935 May 27 (0267_ALB1_3284)	oversized box 02
Boulder Dam, looking downstream from the Nevada side, showing spillways and the intake towers: photographic print, 1935 June 01 (0267_ALB1_3296)	oversized box 02
View of the open cut portion of the switchyard control circuit tunnel. Shovel is excavating for the switchyard, and the building in the foreground is the power sub-station. The Babcock and Wilcox Company plant can be seen in the extreme background: photographic print, 1935 June 01 (0267_ALB1_3303)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 77 ( <a href="#">view online</a> )	
Boulder Dam and the powerhouse, looking upstream from the lower portals road: photographic print, 1935 June 01 (0267_ALB1_3299)	oversized box 02
View from the crest of Boulder Dam, looking downstream on the powerhouse. Note the numerous roof trusses in place, and the valve houses in the background: photographic print, 1935 June 01 (0267_ALB1_3301)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 78 ( <a href="#">view online</a> )	
The Arizona valve house, from the Nevada side: photographic print, 1935 May 27 (0267_ALB1_3312)	oversized box 02
Telephoto view from the Arizona side, showing portion of the Nevada powerhouse: photographic print, 1935 May 27 (0267_ALB1_3277)	oversized box 02
The Nevada valve house, from the Arizona side: photographic print, 1935 May 27 (0267_ALB1_3311)	oversized box 02
Telephoto view, from the Arizona side, showing the central section of the powerhouse: photographic print, 1935 May 27 (0267_ALB1_3276)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 79 ( <a href="#">view online</a> )	
Panorama view, showing Six Companies, Inc. work on the Arizona side of Black Canyon highway: photographic print, 1935 June 24 (0267_ALB1_3319)	oversized box 02
Panorama view, showing Six Companies, Inc. work on the Arizona side of Black Canyon highway: photographic print, 1935 June 24 (0267_ALB1_3320)	oversized box 02

Arizona valve house, from the Nevada side: photographic print, 1935 June 24 (0267_ALB1_3327)	oversized box 02
Nevada valve house, from the Arizona: photographic print, 1935 June 24 (0267_ALB1_3328)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 80 ( <a href="#">view online</a> )	
Looking downstream, in the Nevada valve house: photographic print, 1935 June 24 (0267_ALB1_3335)	oversized box 02
Looking upstream, on the Nevada side of Black Canyon, toward Boulder Dam, showing the road tunnel portal: photographic print, 1935 June 24 (0267_ALB1_3331)	oversized box 02
View taken from the valve house catwalk, looking upstream toward the power house: photographic print, 1935 June 24 (0267_ALB1_3318)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 81 ( <a href="#">view online</a> )	
Looking upstream at Boulder Dam and the power house, from the lower portals road: photographic print, 1935 June 24 (0267_ALB1_3324)	oversized box 02
Looking downstream from the top of Boulder Dam. Note the valve houses in the background: photographic print, 1935 June 25 (0267_ALB1_3340)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 82 ( <a href="#">view online</a> )	
Aerial view, looking downstream from the Arizona side of Black Canyon: photographic print, 1935 June 04 (0267_ALB1_1)	oversized box 02
Looking downstream from the Arizona side of Black Canyon, showing the reservoir level at the base of the intake towers: photographic print, 1935 June 24 (0267_ALB1_3321)	oversized box 02
Aerial view, looking upstream toward Boulder Dam: photographic print, 1935 June 04 (0267_ALB1_3)	oversized box 02
Looking upstream from Observation Point, showing the reservoir area: photographic print, 1935 June 24 (0267_ALB1_3339)	oversized box 02
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Panorama, looking upstream toward Boulder Dam reservoir, from Observation Point: photographic print, 1935 July 25 (0267_ALB1_3352)	oversized box 02
Panorama, looking upstream toward Boulder Dam reservoir, from Observation Point: photographic print, 1935 July 25 (0267_ALB1_3353)	oversized box 02
Looking downstream toward Boulder Dam, from the Arizona side: photographic print, 1935 July 25 (0267_ALB1_3351)	oversized box 02
View taken from the Nevada side, looking downstream toward Boulder Dam: photographic print, 1935 July 26 (0267_ALB1_3370)	oversized box 02

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Looking upstream toward Boulder Dam and the power house: photographic print, 1935 July 25 (0267_ALB1_3358)	oversized box 02
Looking toward the power house and valve houses, from top of Boulder Dam: photographic print, 1935 July 25 (0267_ALB1_3362)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 85 ( <a href="#">view online</a> )	
Looking downstream toward the Arizona spillway, showing highway bridge and Arizona highway: photographic print, 1935 July 25 (0267_ALB1_3355)	oversized box 02
Switchyard, rigging loft, and surrounding area: photographic print, 1935 July 26 (0267_ALB1_3381)	oversized box 02
Looking downstream toward Number 1 raise and Nevada spillway. Note drainage flume in foreground: photographic print, 1935 July 26 (0267_ALB1_3379)	oversized box 02
Looking into Number 3 downstream plug, from the Nevada plug adit. Note forms for the first pour being built: photographic print, 1935 July 26 (0267_ALB1_3383)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 86 ( <a href="#">view online</a> )	
Looking upstream toward Boulder Dam and power house: photographic print, 1935 July 25 (0267_ALB1_3365)	oversized box 02
Looking across the top of Boulder Dam, from the Nevada side: photographic print, 1935 July 26 (0267_ALB1_3373)	oversized box 02
The Nevada valve house with the refrigeration plant below: photographic print, 1935 July 26 (0267_ALB1_3378)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 87 ( <a href="#">view online</a> )	
Looking upstream toward Boulder Dam and the power house, from lower portals road: photographic print, 1935 August 26 (0267_ALB1_3403)	oversized box 02
View taken from top of Boulder Dam, looking down on power house, valve house, and lower portals: photographic print, 1935 August 26 (0267_ALB1_3392)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 88 ( <a href="#">view online</a> )	
Boulder Dam and intake towers, from Arizona side: photographic print, 1935 August 26 (0267_ALB1_3401)	oversized box 02
Looking upstream toward Nevada spillway drainage flume and general area: photographic print, 1935 August 26 (0267_ALB1_3408)	oversized box 02

Looking upstream toward Boulder Lake, from Observation Point: photographic print, 1935 August 21 (0267_ALB1_3391)	oversized box 02
View taken from Arizona intake towers, looking toward Arizona spillway. Note excavation for the float well supply line: photographic print, 1935 August 26 (0267_ALB1_3409)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 89 ( <a href="#">view online</a> )	
Interior view of Nevada valve house, looking downstream. Note N-6 emergency gate being installed: photographic print, 1935 August 27 (0267_ALB1_3423)	oversized box 02
Nevada valve house roof, looking upstream. Note low strength pedestals and double layer of railroad iron being placed: photographic print, 1935 August 27 (0267_ALB1_3424)	oversized box 02
Switchyard control house, yard, and present sub-station. View taken looking toward Boulder Dam: photographic print, 1935 August 26 (0267_ALB1_3407)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 90 ( <a href="#">view online</a> )	
View of Arizona side of lower portals clean-up: photographic print, 1935 August 26 (0267_ALB1_3417)	oversized box 02
Nevada construction adits, valve house, and plug adit portal. Note absence of upstream end of lower portal road tunnel: photographic print, 1935 August 21 (0267_ALB1_3397)	oversized box 02
View of Nevada side of lower portals clean-up: photographic print, 1935 August 26 (0267_ALB1_3412)	oversized box 02
View taken from downstream Nevada plug adit, looking toward Number 2 downstream plug: photographic print, 1935 August 27 (0267_ALB1_3431)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 91 ( <a href="#">view online</a> )	
Looking upstream toward Boulder Dam and power house: photographic print, 1935 September 26 (0267_ALB1_3457)	oversized box 02
From top of Boulder Dam, looking down on power house. Roof slab is practically completed, and canyon wall gutters are in place: photographic print, 1935 September 26 (0267_ALB1_3460)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 92 ( <a href="#">view online</a> )	
President Roosevelt dedicating Boulder Dam: photographic print, 1935 September 30 (0267_ALB1_3450)	oversized box 02
View taken from adit, showing Number 1 pour in downstream Number 2 diversion tunnel plug. Cribbing for use as temporary pipe supports: photographic print, 1935 September 27 (0267_ALB1_3479)	oversized box 02

Nevada intake tower roofs. Note concrete shingle arrangement: photographic print, 1935 September 27 (0267_ALB1_3475)	oversized box 02
View of switchyard, showing control house, foundations, and general excavation: photographic print, 1935 September 27 (0267_ALB1_3472)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 93 ( <a href="#">view online</a> )	
Looking downstream from Nevada side, showing Boulder Dam, spillways, intake towers, etc. Note general clean-up, road work, and intake tower lanterns in place: photographic print, 1935 September 27 (0267_ALB1_3467)	oversized box 02
Looking upstream toward Nevada spillway drainage flume, and general area: photographic print, 1935 September 27 (0267_ALB1_3471)	oversized box 02
Looking downstream toward Arizona spillway. Note general road work, curbs in place, and guard rails being installed: photographic print, 1935 September 26 (0267_ALB1_3464)	oversized box 02
From Arizona spillway Gate House, looking upstream. Note float well supply line finished and construction on upstream abutment wall: photographic print, 1935 September 26 (0267_ALB1_3465)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 94 ( <a href="#">view online</a> )	
Looking upstream in Nevada valve house. Note installation of needle valves and gates: photographic print, 1935 September 27 (0267_ALB1_3476)	oversized box 02
Looking upstream, on roof of Nevada valve house. Steel rails in place, ready for pouring concrete slab: photographic print, 1935 September 27 (0267_ALB1_3478)	oversized box 02
Looking into Arizona spillway raise. Jumbo is being used for grouting, back of concrete lining: photographic print, 1935 September 27 (0267_ALB1_3473)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 95 ( <a href="#">view online</a> )	
View from the crest of Boulder Dam, looking downstream toward the power house and lower portals of diversion tunnels: photographic print, 1935 November 26 (0267_ALB1_3553)	oversized box 02
Boulder Dam and power house, looking upstream from Nevada side. Note reservoir and Fortification Hill in background: photographic print, 1935 November 23 (0267_ALB1_3527)	oversized box 02
View from reservoir, looking downstream at Boulder Dam and intake towers: photographic print, 1935 November 26 (0267_ALB1_3545)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 96 ( <a href="#">view online</a> )	

Looking south toward Boulder Dam switchyard, showing construction and excavation: photographic print, 1935 November 26 (0267_ALB1_3549)	oversized box 02
Looking upstream in lower Number 3 plug. Note one of pipe sections in place: photographic print, 1935 November 25 (0267_ALB1_3531)	oversized box 02
Looking upstream along Nevada approach to Boulder Dam. Note rubble wall being built and excavation for tower footings: photographic print, 1935 November 26 (0267_ALB1_3551)	oversized box 02
Looking upstream in lower Number 2 plug, showing pipe in place: photographic print, 1935 November 25 (0267_ALB1_3534)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 97 ( <a href="#">view online</a> )	
Looking upstream in Arizona valve house. Note three gates and needle valves have been installed: photographic print, 1935 October 29 (0267_ALB1_3512)	oversized box 02
View from top of Boulder Dam, looking toward power house, valve houses, and lower portals of diversion tunnels: photographic print, 1935 October 28 (0267_ALB1_3497)	oversized box 02
Warren A. Bechtel photograph album of Hoover Dam: Album 1, Page 98 ( <a href="#">view online</a> )	
Boulder Dam and powerhouse, looking upstream from lower cofferdam: photographic print, 1935 October 28 (0267_ALB1_3487)	oversized box 02
Boulder Dam switchyard, showing excavation and construction. Note Boulder Dam highway in background: photographic print, 1935 October 28 (0267_ALB1_3500)	oversized box 02
Looking upstream in Number 2 downstream plug, showing water conduit being placed: photographic print, 1935 October 28 (0267_ALB1_3501)	oversized box 02
Looking upstream toward Number 3 downstream plug. Note clean-up operations, getting ready for carpenters: photographic print, 1935 October 28 (0267_ALB1_3506)	oversized box 02
Album 2	
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 1 ( <a href="#">view online</a> )	
Steel suspension truck bridge immediately below lower portals of diversion tunnels. Lower portals of diversion tunnels Number 3 and 4 in background: photographic print, 1932 February 03 (0267_ALB2_857)	oversized box 03
View of warehouse and machine shop area. Boulder City in background: photographic print, 1932 February 15 (0267_ALB2_911)	oversized box 03
Lower steel suspension bridge under construction: photographic print, 1932 January 25 (0267_ALB2_824)	oversized box 03

Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 2  
[\(view online\)](#)

View of dedication ceremonies by the Elks' Lodge on the bicentennial of George Washington's birth. A flag pole was erected and ceremonies held at canyon rim near the dam-site: photographic print, 1932 February 22 (0267\_ALB2\_934) oversized box 03

Jackhammer men scaling loose rock from canyon walls near site of Nevada spillway: photographic print, 1932 February 15 (0267\_ALB2\_917) oversized box 03

Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 3  
[\(view online\)](#)

Lower portals of diversion tunnels Number 3 and 4 during flood: photographic print, 1932 February 10 (0267\_ALB2\_888) oversized box 03

Bucyrus-Erie 43-B gas-air shovel was the only piece of equipment caught by the flood: photographic print, 1932 February 10 (0267\_ALB2\_896) oversized box 03

Looking across river at lower portal of diversion tunnel Number 3: photographic print, 1932 February 10 (0267\_ALB2\_884) oversized box 03

Looking across river from Arizona side at upper portals of diversion tunnels Number 1 and 2. Truck bridge in foreground has been partially washed out: photographic print, 1932 February 10 (0267\_ALB2\_897) oversized box 03

Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 4  
[\(view online\)](#)

Portion of gravel pits on Arizona side of the river, 11 miles above dam-site. Hills in background are across the river in Nevada, 5 miles away: photographic print, 1932 January 16 (0267\_ALB2\_795) oversized box 03

Close-up of drag line loading 30 cubic yard western side-dump car. Plymouth gasoline locomotive switching: photographic print, 1932 February 10 (0267\_ALB2\_902) oversized box 03

Marion electric drag line with 5 cubic yard capacity bucket, loading gravel: photographic print, 1932 February 10 (0267\_ALB2\_906) oversized box 03

First train loaded with gravel leaving gravel pits for screening plant: photographic print, 1932 February 10 (0267\_ALB2\_904) oversized box 03

Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 5  
[\(view online\)](#)

Foundations for the trash rack structure being installed in front of upper portal of diversion tunnel Number 2. This is where the first pay concrete was poured: photographic print, 1932 March 07 (0267\_ALB2\_948) oversized box 03

View of gravel plant, showing live storage of screened aggregate and sand in foreground. Storage pile for raw aggregate in background: photographic print, 1932 March 02 (0267\_ALB2\_943) oversized box 03

Upper portals of diversion tunnels Number 1 and 2. Note workmen scaling above portal of diversion tunnel Number 1: photographic print, 1932 March 07 (0267_ALB2_951)	oversized box 03
Night view of gravel plant, taken near first scalping screen, and looking in opposite direction than the view on left: photographic print, 1932 February 26 (0267_ALB2_937)	oversized box 03
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 6 ( <a href="#">view online</a> )	
Looking out of upper portal of diversion tunnel Number 2. Bucyrus-Erie 43-B gas-air shovel reflected in pool of water: photographic print, 1932 March 07 (0267_ALB2_953)	oversized box 03
Flashlight close-up of workmen drilling on invert excavation: photographic print, 1932 March 07 (0267_ALB2_971)	oversized box 03
Flashlight photograph of drilling jumbo working on invert excavation at upper portal of diversion tunnel Number 4: photographic print, 1932 March 08 (0267_ALB2_970)	oversized box 03
Wings extended for drilling fold back against the sides of drilling jumbo: photographic print, 1932 March 08 (0267_ALB2_972)	oversized box 03
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 7 ( <a href="#">view online</a> )	
First-aid station and ambulance located at river camp above upper portals. Similar hospital is maintained at lower portals: photographic print, 1932 March 08 (0267_ALB2_969)	oversized box 03
Interior of one of many drill sharpening stations, showing forge and Ingersoll-Rand drill sharpener: photographic print, 1932 February 15 (0267_ALB2_918)	oversized box 03
Caterpillar 60 with bull-dozer in front and cow-dozer aft, used extensively for moving muck: photographic print, 1932 March 08 (0267_ALB2_974)	oversized box 03
Two levels of highway which will cross top of the dam. Note the rubble stone masonry retaining wall. High-level concrete mixing plant will be located in the draw in foreground: photographic print, 1932 March 02 (0267_ALB2_946)	oversized box 03
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 8 ( <a href="#">view online</a> )	
Looking upstream at Black Canyon. Dam will be located just upstream from footbridge, at bottom of picture. Entrance to upper portals of diversion tunnels opposite the middle truck bridge: photographic print, 1932 March 12 (0267_ALB2_989)	oversized box 03
Looking downstream from same point as photograph number 989. Lower portals of diversion tunnels are just below. This picture presents graphic view of problem of muck disposal: photographic print, 1932 March 14 (0267_ALB2_996)	oversized box 03
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 9 ( <a href="#">view online</a> )	



Marion electric shovel with 3.5 cubic yard rock dipper loading into White 8 cubic yard truck, at Nevada spillway cut: photographic print, 1932 March 18 (0267_ALB2_1011)	oversized box 03
Mack truck with 14 cubic yard body being loaded at Nevada spillway cut. Five similar trucks being used on this operation: photographic print, 1932 March 18 (0267_ALB2_1014)	oversized box 03
White truck dumping near site of Nevada spillway cut and extending road the for muck disposal: photographic print, 1932 March 16 (0267_ALB2_1004)	oversized box 03
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 10 ( <a href="#">view online</a> )	
Gantry crane used in pouring concrete in invert section of upper diversion tunnel Number 3: photographic print, 1932 March 18 (0267_ALB2_1016)	oversized box 03
View showing method of pouring concrete in invert section of tunnel lining: photographic print, 1932 March 18 (0267_ALB2_1019)	oversized box 03
View of invert forms in upper diversion tunnel Number 3 showing method of pouring slabs. Trimming jumbo for aligning gauge of tunnels in background: photographic print, 1932 March 18 (0267_ALB2_1018)	oversized box 03
First 40-foot slab of concrete poured in lining diversion tunnels: photographic print, 1932 March 18 (0267_ALB2_1020)	oversized box 03
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 11 ( <a href="#">view online</a> )	
Nevada spillway open cut excavation, as seen from Arizona side of river: photographic print, 1932 March 28 (0267_ALB2_1067)	oversized box 03
Same blast as photograph number 1063, taken from river-level looking downstream: photographic print, 1932 March 28 (0267_ALB2_1046)	oversized box 03
Blast in scaling down canyon walls for construction of intake towers: photographic print, 1932 March 28 (0267_ALB2_1063)	oversized box 03
View taken few minutes after photograph number 1046, to the left: photographic print, 1932 March 28 (0267_ALB2_1047)	oversized box 03
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 12 ( <a href="#">view online</a> )	
Low level concrete mixing plant. View taken from cliffs on Arizona side of river: photographic print, 1932 March 28 (0267_ALB2_1055)	oversized box 03
Night view, looking upstream from below lower portals of diversion tunnels. Canyon presents a spectacular sight at night with myriads of lights: photographic print, 1932 April 08 (0267_ALB2_1113)	oversized box 03
Telephoto photograph, similar to photograph number 1055, to the left: photographic print, 1932 March 28 (0267_ALB2_1058)	oversized box 03

With the approach of annual spring rise in the river, the temporary truck bridge shown on right has been abandoned: photographic print, 1932 April 12 (0267_ALB2_1101)	oversized box 03
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 13 ( <a href="#">view online</a> )	
Interior of diversion tunnel Number 3, near upper portal. Invert and side wall sections of three-feet thick concrete lining have been poured: photographic print, 1932 June 02 (0267_ALB2_1219)	oversized box 03
Interior of diversion tunnel Number 3, showing method of pouring alternate slabs in side wall section of tunnel lining. Lining form is shown in background: photographic print, 1932 June 22 (0267_ALB2_1289)	oversized box 03
Interior of diversion tunnel Number 2, near upper portal. Invert and side wall sections of lining have been completed. Two cubic yard buckets for pouring concrete are shown on truck: photographic print, 1932 June 02 (0267_ALB2_1220)	oversized box 03
Detail photograph, showing method of construction and operation of side-wall jumbo for placing lining in diversion tunnels: photographic print, 1932 June 29 (0267_ALB2_1273)	oversized box 03
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 14 ( <a href="#">view online</a> )	
Steel forms for lining the arch sections of diversion tunnels were erected on muck-fill on Nevada side of river: photographic print, 1932 June 18 (0267_ALB2_1277)	oversized box 03
Section of arch jumbo form being transported across river by overhead cableway. Note workman on top of form: photographic print, 1932 June 10 (0267_ALB2_1235)	oversized box 03
Forms were constructed in 11-foot sections and transported to Arizona side by overhead cableways: photographic print, 1932 June 18 (0267_ALB2_1278)	oversized box 03
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 15 ( <a href="#">view online</a> )	
Temporary cable-way spanning Colorado River, near Lookout Point, provides access to Arizona spillway operations shown in background: photographic print, 1932 April 01 (0267_ALB2_1075)	oversized box 03
Skip-load of workmen being transported across Colorado River from Arizona side: photographic print, 1932 April 01 (0267_ALB2_1076)	oversized box 03
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 16 ( <a href="#">view online</a> )	
Scaling down canyon wall, in excavation for intake tower on Nevada side: photographic print, 1932 April 01 (0267_ALB2_1074)	oversized box 03
Close-up of Number 1074 to the left. Workmen are 700 feet above river: photographic print, 1932 April 01 (0267_ALB2_1073)	oversized box 03

<p>Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 17  <a href="#">(view online)</a></p>	
<p>Marion type of 125 electric dragline with 5 cubic yard bucket loading into 30 cubic yard side dump cars at gravel pit. Mikado type locomotives pull 10-car trains, 3 trains of this type in operation: photographic print, 1932 May 03 (0267_ALB2_1142)</p>	<p>oversized box 03</p>
<p>As protection against high water, a "bridle" has been attached to upstream face of gravel pit bridge. A 3-inch cable is anchored to concrete dead-men and horizontal stays are attached to bents on bridge: photographic print, 1932 May 15 (0267_ALB2_1198)</p>	<p>oversized box 03</p>
<p>Ten-car train of gravel crossing 1100-foot trestle bridge and bound for screening plant. Round trip take slightly over two hours: photographic print, 1932 May 03 (0267_ALB2_1144)</p>	<p>oversized box 03</p>
<p>Locomotive equipment of Six Companies, Inc. on yard at gravel plant: photographic print, 1932 May 15 (0267_ALB2_1193)</p>	<p>oversized box 03</p>
<p>Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 18  <a href="#">(view online)</a></p>	
<p>Detail image of side-wall "jumbo" used in placing 3-foot thick lining in diversion tunnels. Side wings are jacked into place, and concrete is poured through ports by a traveling crane and 2 yard buckets: photographic print, 1932 April 18 (0267_ALB2_1131)</p>	<p>oversized box 03</p>
<p>First "jumbo" for pouring concrete lining in top or arch section of tunnels was erected on "beach" in front of tunnel Number 2 and transported across river in sections by cableway: photographic print, 1932 May 20 (0267_ALB2_1202)</p>	<p>oversized box 03</p>
<p>View showing forms set for first side-wall pour in upper portal of tunnel Number 3. Form is 80-feet long and consists of four 20-foot sections bolted together. Note size of man in upper right: photographic print, 1932 April 29 (0267_ALB2_1132)</p>	<p>oversized box 03</p>
<p>Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 19  <a href="#">(view online)</a></p>	
<p>Excavation for benches for movable cableway towers being carried on, near Lookout Point: photographic print, 1932 August 14 (0267_ALB2_1431)</p>	<p>oversized box 03</p>
<p>Workmen loading holes with dynamite, in preparation for blast on cableway bench excavation: photographic print, 1932 August 15 (0267_ALB2_1444)</p>	<p>oversized box 03</p>
<p>"Powder-monkeys" load dynamite cartridges with electric primers at isolated points: photographic print, 1932 August 15 (0267_ALB2_1442)</p>	<p>oversized box 03</p>
<p>Preparing for blast which demolished Lookout Point, to make way for cableway bench excavation: photographic print, 1932 August 14 (0267_ALB2_1493)</p>	<p>oversized box 03</p>
<p>Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 20  <a href="#">(view online)</a></p>	

One of four photographs, forming a panorama of operations being carried on at canyon rim, on Nevada side. Photo was taken from Arizona spillway site. To the left is shown Black Canyon Highway. High level mixing plant will be located behind fill on the road. To the right is shown highway extension road to Nevada spillway. Note shovel boom projecting at former site of Lookout Point: photographic print, 1932 August 12 (0267_ALB2_1411)	oversized box 03
One of four photographs, forming panorama of operations being carried on at canyon rim, on Nevada side. Photo was taken from Arizona spillway site. To the left is shown Black Canyon Highway. High level mixing plant will be located behind fill on the road. To the right is shown highway extension road to Nevada spillway. Note shovel boom projecting at former site of Lookout Point: photographic print, 1932 August 12 (0267_ALB2_1412)	oversized box 03
Three hundred boxes of dynamite were used in spectacular blast which demolished the old Lookout Point. Photograph taken from the new Lookout Point, on Black Canyon Highway: photographic print, 1932 August 16 (0267_ALB2_1451)	oversized box 03
Blasting usually scheduled for 11:30 a.m., and billowing dust dislodged from canyon rim completely fills the canyon: photographic print, 1932 August 16 (0267_ALB2_1452)	oversized box 03
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 21 ( <a href="#">view online</a> )	
Blast on cableway bench excavation, on Arizona side, above dam site. Photograph taken from lower portal of Railroad tunnel Number 1: photographic print, 1932 August 24 (0267_ALB2_1506)	oversized box 03
Photograph of blast at same place shown above, taken from opposite, on Black Canyon Highway: photographic print, 1932 August 16 (0267_ALB2_1457)	oversized box 03
Huge billows of rock and dust pour over canyon rim and descend to river below: photographic print, 1932 August 24 (0267_ALB2_1507)	oversized box 03
Blast on Arizona intake tower excavation, which has filled canyon with smoke and dust. Upper steel suspension bridge shown in background: photographic print, 1932 August 16 (0267_ALB2_1456)	oversized box 03
Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 22 ( <a href="#">view online</a> )	
Looking across reservoir area, which will be submerged when Hoover Dam is completed. Flat-topped hill in center of photograph will form a small island and ridge in foreground will be submerged: photographic print, 1932 August 15 (0267_ALB2_1450)	oversized box 03
Visitors to project are intrigued by the multiplicity of dish pans used as reflectors, which are scattered all over the project where night work takes place. This is the crew that installs them: photographic print, 1932 August 15 (0267_ALB2_1446)	oversized box 03
High scalers perched on bench 1000 feet above river prepare anchorages from which workmen will be suspended by ropes in	oversized box 03

scaling canyon walls for penstock tunnel adits: photographic print,  
1932 August 22 (0267\_ALB2\_1484)

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Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 23  
([view online](#))

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Close-up of upper portal of diversion tunnels Number 3 and 4, during preparations for blast: photographic print, 1932 November 13 (0267_ALB2_1725)	oversized box 03
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Close-up of upper portals of diversion tunnels Number 3 and 4, showing flow in diversion tunnel Number 4, shortly after blast: photographic print, 1932 November 13 (0267_ALB2_1728)	oversized box 03
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Dumping materials at temporary pile bridge to complete diversion of Colorado River: photographic print, 1932 November 13 (0267_ALB2_1733)	oversized box 03
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Upper portals of diversion tunnels Number 3 and 4 and temporary dyke, after diversion of Colorado River was completed: photographic print, 1932 November 26 (0267_ALB2_1737)	oversized box 03
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Warren A. Bechtel photograph album of Hoover Dam: Album 2, Page 24  
([view online](#))

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Panoramic view of upper cofferdam, looking downstream: photographic print, 1932 November 26 (0267_ALB2_1766)	oversized box 03
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Panoramic view of upper cofferdam, looking downstream: photographic print, 1932 November 26 (0267_ALB2_1767)	oversized box 03
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Lower portals of diversion tunnels Number 3 and 4, after diversion of Colorado river was completed: photographic print, 1932 November 14 (0267_ALB2_1744)	oversized box 03
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Upper cofferdam, taken from Lookout Point: photographic print, 1932 November 29 (0267_ALB2_1778)	oversized box 03
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