

HISTORIC AMERICAN ENGINEERING RECORD

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Highline Canal and Pumping Plant
South side of Salt River
Tempe and Phoenix
Maricopa County
Arizona

HAER No. AZ-23

The following are photocopies of photographs found in the Salt River Project Archives (SRPA), photographer unknown:

- AZ-23-1 AERIAL VIEW OF THE HICHLINE PUMPING PLANT SITE ON THE WESTERN CANAL, LOOKING NORTH. THE OLD PLANT IS ON THE RIGHT BANK, NEAREST THE CANAL. THE NEW PLANT IS ON THE LEFT BANK AT THE END OF THE INLET CANAL. THE KYRENE DITCH RUNS OUT OF THE BOTTOM OF THE PICTURE, AND PART OF THE SWITCHYARD FOR THE KYRENE STEAM PLANT IS VISIBLE AT LOWER RIGHT. c. 1955
- AZ-23-2 INTERIOR VIEW OF OLD HICHLINE PUMP PLANT, SHOWING PUMPS AND MOTORS, c. 1952
- AZ-23-3 CLOSEUP VIEW OF PUMP AND MOTOR, OLD HICHLINE PUMP PLANT, c. 1952
- AZ-23-4 INTERIOR VIEW OF OLD HICHLINE PUMP PLANT, SHOWING TRANSFORMERS AND SWITCHING APPARATUS, c. 1952
- AZ-23-5 VIEW OF NEW PUMP PLANT CONSTRUCTION, SHOWING FOUNDATION STEEL, LOOKING WEST, March 6, 1951
- AZ-23-6 VIEW OF NEW PUMP PLANT CONSTRUCTION, LOOKING EAST. (THIS MAY BE THE FOUNDATION FOR THE NEW STANDPIPE.) March 13, 1952
- AZ-23-7 VIEW OF NEW PUMP PLANT CONSTRUCTION, SHOWING FORM WORK ON INLET (NOTE OLD PLANT AND BLACK STANDPIPE IN BACKGROUND), April 2, 1952
- AZ-23-8 VIEW OF NEW PUMP PLANT CONSTRUCTION WORK, SHOWING STEEL MANIFOLD RUNNING BELOW GRADE, April 24, 1952
- AZ-23-9 VIEW OF NEW PUMP PLANT CONSTRUCTION WORK, SHOWING PIPELINE FORMS, April 24, 1952
- AZ-23-10 VIEW OF COMPLETED PUMP PLANT, SHOWING FOREBAY, INLET AND STANDPIPE, LOOKING WEST, December 3, 1952
- AZ-23-11 VIEW OF NEW HICHLINE PUMPS, c. December 1952

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AZ-23-12 INTERIOR VIEW OF TRANSFORMER BUILDING, HIGHLINE PUMP PLANT, SHOWING NEW SWITCHES AND METERS, December 3, 1952

The following are photographs taken by Kevin Kriesel-Goons. Source: SRPA

AZ-23-13 VIEW OF HIGHLINE PUMP PLANT INLET, LOOKING WEST ACROSS THE WESTERN CANAL, March 1990

AZ-23-14 GLOSEUP VIEW OF PUMPS AND VALVES, HIGHLINE PUMP PLANT, March 1990

AZ-23-15 VIEW OF PIPELINE MANIFOLD AND PUMPS, HIGHLINE PUMP PLANT, March 1990

The following photographs were taken by Mark Durben. Source: SRPA:

AZ-23-16 VIEW OF HIGHLINE CANAL PIPELINE OUTLET, SHOWING THE OUTLET, A GROUNDWATER PUMP (LEFT), AND THE SOUTH BRANCH OF THE CANAL (FOREGROUND), August 1989

AZ-23-17 VIEW OF SOUTHERN BRANCH OF HICHLINE CANAL, LOOKING SOUTH FROM GROVE PARKWAY, August 1989

AZ-23-18 VIEW OF SOUTHERN BRANCH OF HICHLINE CANAL, LOOKING SOUTH TOWARD ELLIOT ROAD, August 1989

AZ-23-19 VIEW OF SOUTHERN BRANCH OF HIGHLINE CANAL, LOOKING NORTHEAST FROM 56TH STREET, August 1989

AZ-23-20 VIEW OF SOUTHERN BRANCH OF HIGHLINE CANAL, LOOKING SOUTHEAST FROM 56TH STREET, August 1989

The following photograph was taken by Kevin Kriesel-Coons. Source: SRPA

AZ-23-21 VIEW OF NORTHERN BRANCH OF HICHLINE CANAL, SECTION 1, T1S-R3E, SHOWING NON-PROJECT LAND, STILL DESERT, IN FORECROUND AND CULTIVATED FIELDS OF THE SALT RIVER PROJECT BELOW THE CANAL, LOOKING NORTH. A SMALL PORTION OF NON-IRRIGABLE LAND BELOW THE CANAL IS SHOWN AT LEFT, March 1990

The following are photocopies of drawings. Originals are on file in the Salt River Project Archives:

AZ-23-22 GENERAL PLANS OF STRUCTURES, HICHLINE CANAL. February 20, 1913

AZ-23-23 LOGATION MAP OF HICHLINE PUMPING PLANT. September 7, 1943

AZ-23-24 BUILDING ELEVATIONS, HICHLINE PUMPING PLANT

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- AZ-23-25 GENERAL LAYOUT, HIGHLINE PUMPING PLANT. January 17, 1913
- AZ-23-26 STEEL MANIFOLD, HIGHLINE PUMPING PLANT. January 7, 1913
- AZ-23-27 EXTENSION OF SURGE CHAMBER AND AIR PIPES TO PRESSURE LINE,
HIGHLINE PUMPING PLANT. December 11, 1920
- AZ-23-28 STRUCTURE AT UPPER END OF PIPELINE, HIGHLINE CANAL.
February 24, 1913
- AZ-23-29 HIGHLINE PUMPING PLANT, CONCRETE SADDLE FOR SUCTION PIPE.
January 28, 1913
- AZ-23-30 ASSEMBLY OF FOOT VALVE FOR HIGHLINE PUMPING PLANT.
February 7, 1918