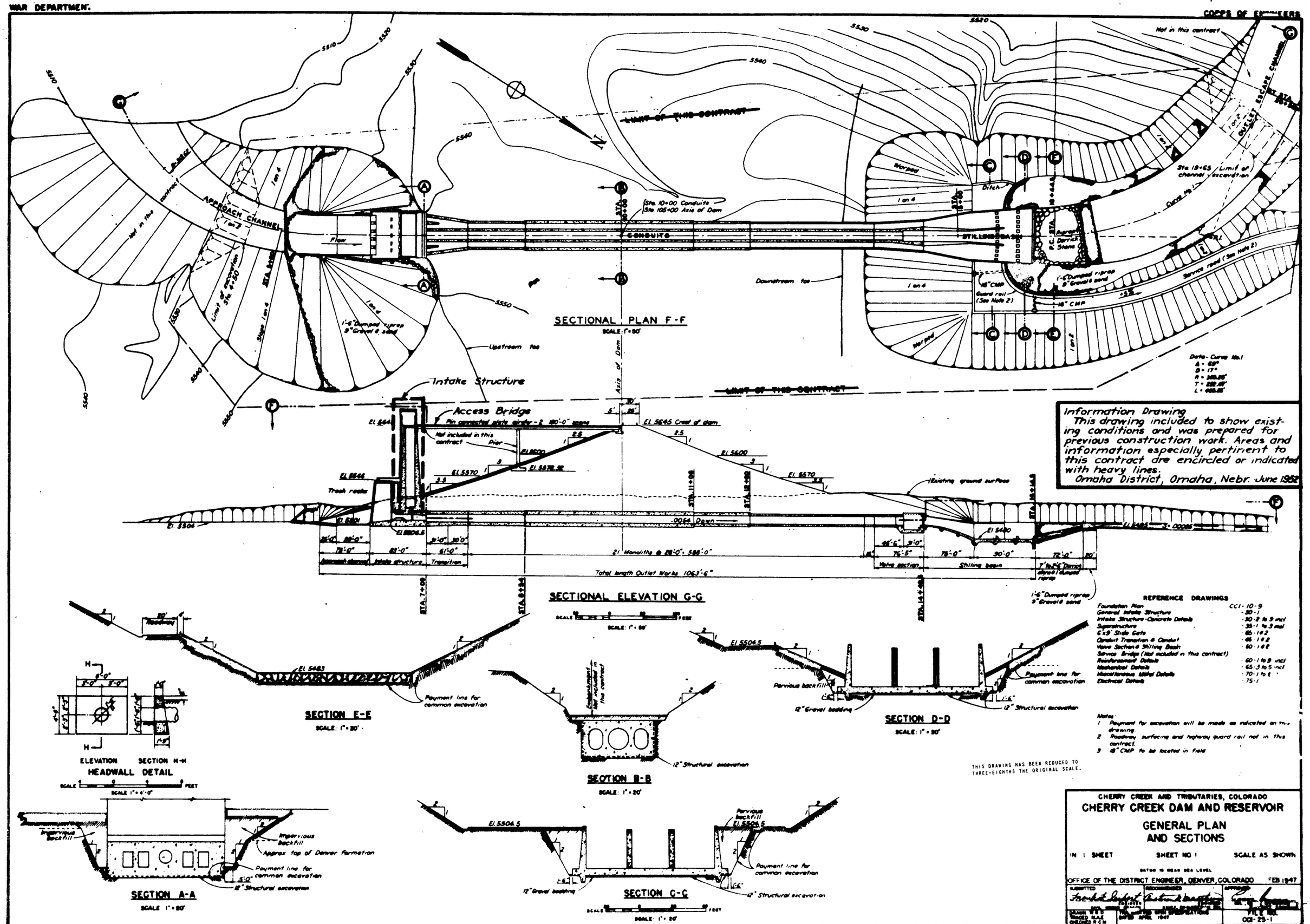
SECTIONAL PLAN F-F
SCALE: 1" = 50'
LIMIT OF THIS CONTRACT
APPROACH CHANNEL
CONDUITS
STILLING BASIN
OUTLET ESCAPE CHANNEL
Not in this contract
Sta. 10+00 Conduits
Sta. 105+00 Axis of Dam
Sta. 19+65 Limit of channel excavation
Downstream toe
Upstream toe
Intake Structure
Access Bridge
Pin connected plate girder - 2 180'-0" spans
El. 5645 Crest of dam
Not included in this contract
Pier
Trash racks
Existing ground surface
21 Monoliths @ 28'-0" = 588'-0"
Total length Outlet Works 1063'-6"
Valve section
Stilling basin
Intake structure
Transition
Approach channel
Data - Curve No. 1
Δ = 69°
D = 17°
SECTIONAL ELEVATION G-G
SCALE: 1" = 50'
SECTION E-E
SCALE: 1" = 20'
Payment line for common excavation
SECTION D-D
SCALE: 1" = 20'
Pervious backfill
12" Gravel bedding
12" Structural excavation
SECTION B-B
SCALE: 1" = 20'
Embankment Not included in this contract
ELEVATION
SECTION H-H
HEADWALL DETAIL
SCALE 1" = 4'-0"
SECTION A-A
SCALE 1" = 20'
Impervious backfill
Approx top of Denver formation
SECTION C-C
SCALE: 1" = 20'
Information Drawing
This drawing included to show existing conditions and was prepared for previous construction work. Areas and information especially pertinent to this contract are encircled or indicated with heavy lines.
Omaha District, Omaha, Nebr. June 1952
REFERENCE DRAWINGS
Foundation Plan CCI-10-9
General Intake Structure -30-1
Intake Structure-Concrete Details -30-2 to 9 incl
Superstructure -35-1 to 3 incl
6'x9' Slide Gate -65-1 & 2
Conduit Transition & Conduit -46-1 & 2
Valve Section & Stilling Basin -60-1 & 2
Service Bridge (Not included in this contract)
Reinforcement Details -60-1 to 9 incl
Mechanical Details -65-3 to 5 incl
Miscellaneous Metal Details -70-1 to 6
Electrical Details -75-1
Notes:
1 Payment for excavation will be made as indicated on this drawing.
2 Roadway surfacing and highway guard rail not in this contract.
3 18" CMP to be located in field
THIS DRAWING HAS BEEN REDUCED TO THREE-EIGHTHS THE ORIGINAL SCALE.
CHERRY CREEK AND TRIBUTARIES, COLORADO
CHERRY CREEK DAM AND RESERVOIR
GENERAL PLAN AND SECTIONS
IN 1 SHEET
SHEET NO 1
SCALE AS SHOWN
DATUM IS MEAN SEA LEVEL
OFFICE OF THE DISTRICT ENGINEER, DENVER, COLORADO
FEB 1947
SUBMITTED
RECOMMENDED
APPROVED
FILE NO.
CCI-25-1