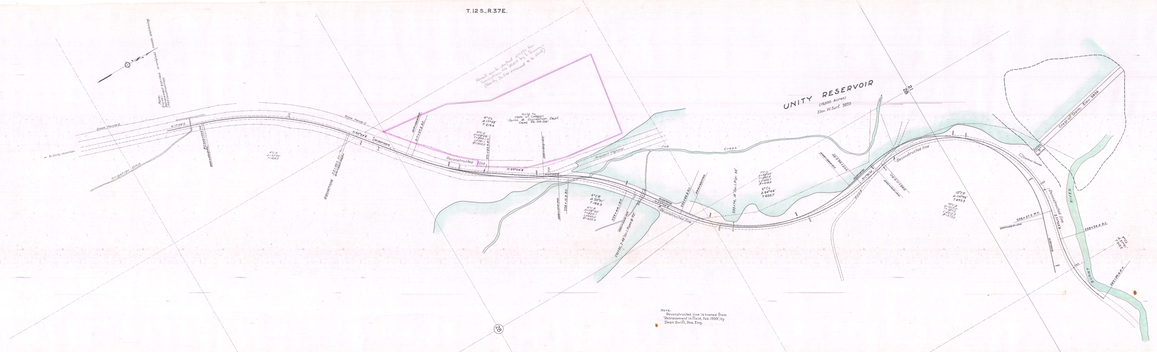

OREGON STATE HIGHWAY DEPARTMENT

LOCATED LINE
AROUND PROPOSED DAMSITE ON BURNT RIVER
"UNITY DAM"

HEREFORD-UNITY JUNCTION SECTION

BAKER-UNITY HIGHWAY

BAKER COUNTY

Scale: 1"=100'
May 22, 1936

Reconstructed Line traced Feb. 1939

To Unity Junction
Snow Fence
Irrigation Ditch
Note: "P0+00" Retracement 203+30.0 on original constr. stationing (1937 Construction)
N.17°29'E.
P.C. 205+23.0
4°C.R. Δ=33°00' T=825
EQUATION 213+48.0 P.T. 214+20.7 P.O.T.
N.50°29'E.
217+27.5 P.C.
Reconstructed line
221+62.9 P.T.
3°C.L. Δ=23°26' T=396.1 L=781.1 R=1910.0
4°C.L. Δ17°25' T 219.4
Sold to State of Oregon Parks & Recreation Dept. Deed 96-04-031
Pencil work drafted 2/10/99 by S. Summers from Description file 29579 (Nearby 1/16 line assumed to be North)
T.12 S., R.37 E.
226+10.5 P.C.
6°C.R. Δ 20°0' T 168.5
229+44.1 P.T.
230+32, 2-48" Cor. I. Pipes @ 92'
Present Highway
Job Creek
232+66.8 P.C.
235+74, 18" Cor. I. Pipe 50'
6°C.L. Δ 64°46' T 605.7
243+46.2 P.C.
245+11.2 P.C.
10°C.R. Δ 114°15' T 879.5
UNITY RESERVOIR (15000 Acres) Elev. W. Surf. 3820
21 22
28 27
256+87.2 P.T.
S.71°08'E.
258+24.4 P.C.
262+39.6 P.T.
9°C.L. Δ 31°21' T 212.2
BURNT RIVER
Crest of Dam. Elev. 3828
Gate House
Spillway
28
259+24.4 P.C.
9°C.L. Δ 37°21' T 215.2
262+07 24" Cor. I. Pipe 64'
263+11.3 P.C.
8°C.R. Δ 16°52' T 68.1
264+47.1 P.T.
265+55.6 P.C.
8°C.R. Δ 16°35' T 104.4
267+62.9 P.T.
270+97.1 P.C.
10°C.R. Δ 33°07' T 170.4
S.86°59'E.
268+33.5 P.C.
BURNT
RIVER
Irrigation Ditch
Present Highway
EQUATION
N.&S. ℄ Sec. 22
To Hereford

Note:
Reconstructed line is traced from "Retracement in field, Feb. 1939" by Dean Swift, Res. Eng.

UNITY DAM — BAKER-UNITY HWY. 1"=100'
Dwg. No. 5B-9-25