1360 1038

STATE ROAD SYST.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	72-7	Peoria	248	90
FED. ROAD DIST. NO. 9	ILLINOIS	PROJECT		

MEISSNER ENGINEERS INC.
CHICAGO U.S.A.
PROJECT 56-197 CODE L- 2252

PLAN
SURVEYED 2-60 — BY P. Gonzales
PLOTTED 2-60 — BY P. Gonzales
ALIGNMENT CHECKED — BY A. Benitez
RT. OF WAY CHECKED — BY A. Benitez
NOTE BOOK —
NO. —

PROFILE
SURVEYED 12-59 — BY P. Gonzales
PLOTTED 1-60 — BY P. Gonzales
B. M. Elev. 459.19 — BY A. Benitez
STRUCTURE 2-60 — BY A. Benitez
NOTE BOOK —
NO. —

Curve data Flume
P.I. = 25+86.44
Δ = 15° 31' 30"
R = 2706.89
D = 2° 07'
T = 368.99'
L = 733.47'

8" Perf. C.M.P. To Sta. 29+00
10" Perforated C.M.P. Sta. 29+00 to Sta. 48+00
10" Perforated C.M.P. Sta. 29+00 to Sta. 48+00
12" Perforated C.M.P. Sta 48+00 to End of Stilling Basin

P.C. 22+17.45
Sta. 24+50
See Sht 2
P.T. 23+86.44
6+33.99 Ramp #4
26+04.74 Flume
Two Cell Culvert See sheet No L-7246 39 of 68
Ramp #4 Gale Ave.
P.T. 29+30.92
Sta 15+05.36 Gale Ave.
Sta 29+84.82 Flume
41°06'34"
Sta. 31+75
Exist. Stream
Two Cell Culvert See Sheet No L-7225 46 of 68
Ramp #3
7+68.24 Ramp #3
41+37.78 Flume
Sta. 43+00
Sta. 47+17.31
75.48+27.31
For Curve data see Sheet No. (L-7222) 57 of 68
Sta. 47+78.67 Flume
Sta. 515+40.00 F.A.I. 74
See Sheet 4
Sta. 54+22.06
℄ P.C. 518+76.22
Sta. 50+42.67 Flume
Sta. 515+40.00 F.A.I. 74
**Rockfill 280 CU. YDS.
Match line
Inv. 519.0 8" Perf. C.M.P.
Cross Over Structure and Stilling Basin. See Sheet No. (L-7223) 56 of 68
Varies - See Sht 4 for Profile
below Sta 51+51+97.21
Note:
* Bottom Elevations Shown on Profile.
** Rockfill to be 4'-0" in depth

Concrete Flume Section G-G
Scale 1" = 10'

32' Concrete Flume Section F-F & H-H
Scale 1" = 10'

32' Concrete Flume Section I-I
Scale 1" = 10'

Conc. Flume Secs J & Drain. Details

Section K-K
Scale 1" = 10'

Match line
P.I. 11+18.46 Sta 491+22.06
P.T. E.B. 15+49+91.70
Gale Avenue
P.T. 495+07.82
P.T. Sta Equation
Sta. 496+88.86 Back
Sta. 497+21.59 Ahead
P.T. Sta Equation
Sta. 497+41.38 Back
Sta. 497+75.59 Ahead
Concrete Flume
Westbound
Eastbound
℄ Survey Line

Scale 1" = 100'

Two Cell Culvert see sheet No. L-7246 39 of 68
El. 561.97
El. 561.46
Slope 1.06%
El. 556.16
El. 555.19
El. 554.92
El. 552.74
El. 551.44
Slope 0.65%
El. 550.58
El. 549.13
El. 548.70
El. 548.02
Slope 1.06%
El. 546.90
El. 545.89
El. 546.17
Two Cell Culvert see sheet No. L-7225 46 of 68
Cross Over Structure and Stilling Basin See Sheet No. (L-7223) 56 of 68
Ext. Wall El. 548.68
El. 547.74
El. 546.31
Slope 0.92%
El. 545.30
El. 542.98
El. 543.08 Ext. Wall
El. 541.86
El. 539.00
El. 538.76
L.V.C. 400' From Slope 1.06% to 0.65%
L.V.C. 400' From Slope 0.65% to 1.06%
V.C.L. 400' From Slope 1.06% to 0.92%
Gale Ave.
Ramp 3
Flume Stations 25 30 35 40 45 50

PLATE I—PLAN-PROFILE C. B. P. R. STANDARD
THE FREDERICK POST CO., Chicago