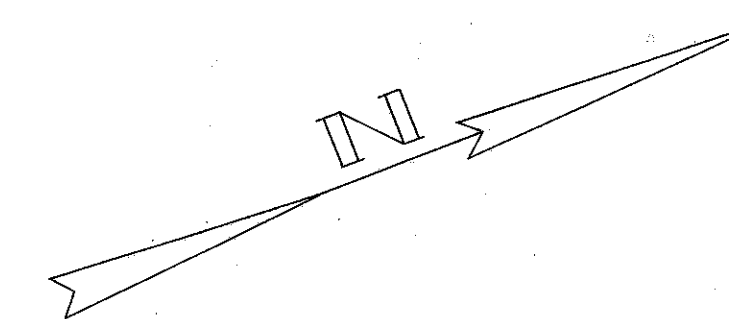


LAKE COUNTY
SEC. LAK-1-22.60



FOUNDATION SOUNDINGS: Foundation design and foundation quantities are based on a study of rod soundings and soil sampling soundings made at the site. This sounding information may be inspected in the Interstate Projects office, or in the Division office, but the State does not guarantee the accuracy thereof.

B.M. #105A Lag Bolt in root of 8" Ash
150' Lt. of Sta. 992+10
Elev. 872.75

B.M. Railroad Spike in 20" Hickory
205' Rt. of Sta. 1+10
Elev. 803.85

B.M. #108 Lag Bolt in base of 10" Maple
145' Lt. of Sta. 1037+19
Elev. 809.98

Traffic Count A.D.T. 2420 (1955)

PROPOSED STRUCTURE

TYPE: Continuous Steel Beam with Reinf. Concrete Deck & Substructure.
SPANS: 62'-0", 89'-6", 89'-6", 54'-0"
ROADWAY: 30'-0" T/F of 2'-2" Safety Curbs.
LOAD FREQUENCY: C.F. 400
SKEW: 24° 25' 10" R.F. To Tangent
WEARING SURFACE: 1" Monolithic Concrete.
APPROACH SLAB: 25'-0" long. (Special)
ALIGNMENT: Tangent to Curve.

SEC. C-35 FED. AID PROJ. NO. ACT-1103 (29)

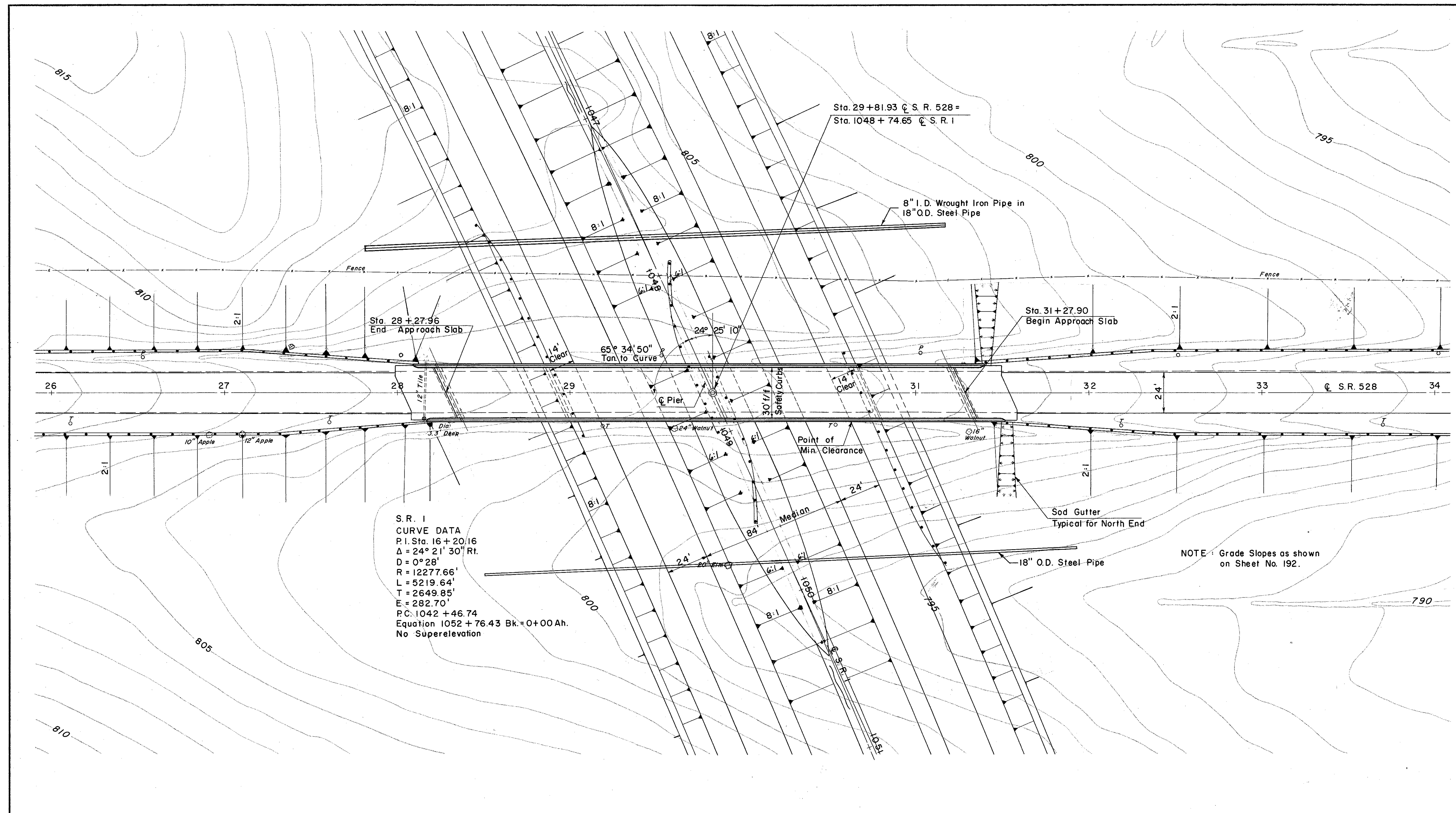
PREPARED BY
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.
FOR

STATE OF OHIO
DEPARTMENT OF HIGHWAYS

SITE PLAN
BRIDGE NO. LAK-1-2588
S.R.1 UNDER S.R. 528
LAKE COUNTY

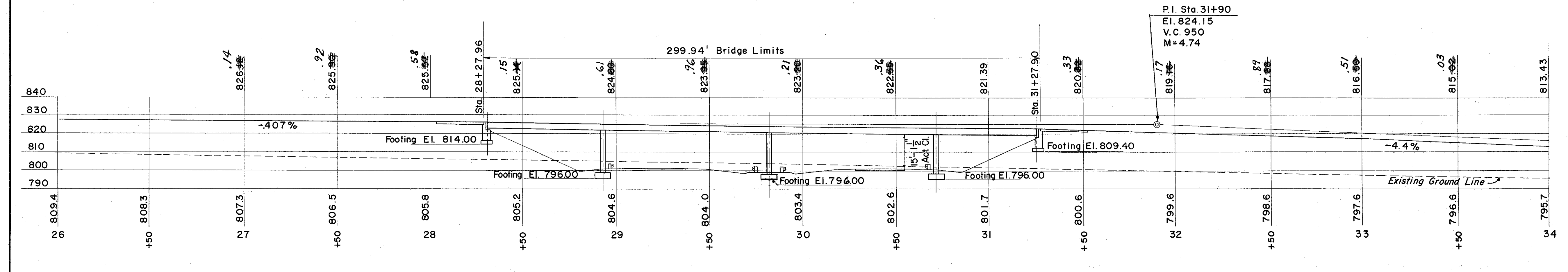
STA. 1048+74.65

DESIGNED	DRAWN	TRACED	CHECKED	REVISED DATE	REVISED
TD		V			11-24-58



S.R. 1
CURVE DATA
P.I. Sta. 16+20.16
 $\Delta = 24^\circ 21' 30''$ Rt.
D = 0° 28'
R = 12277.66'
L = 5219.64'
T = 2649.85'
E = 282.70'
P.C. 1042+46.74
Equation 1052+76.43 Bk. = 0+00 Ah.
No Superlevation

NOTE: Grade Slopes as shown on Sheet No. 192.



62
54
27
29