

BENCHMARK:  $\odot$  BEARING 5TH BEAM FROM EAST AT REAR ABUTMENT, ELEVATION = 620.29

**EXISTING STRUCTURE DATA**

TYPE: CONTINUOUS STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE.

SPAN: 46'-0", 75'-0", 75'-0", 46'-0" C/C BEARINGS

ROADWAY: 66'-0" FACE TO FACE OF CURBS.

SKEW: 21° 06' 46" R.F.

ALIGNMENT: TANGENT

**PROPOSED STRUCTURE DATA**

TYPE: EXISTING CONTINUOUS STEEL BEAM WITH NEW REINFORCED CONCRETE DECK AND REHABILITATED EXISTING REINFORCED CONCRETE SUBSTRUCTURE.

SPAN: 46'-0", 75'-0", 75'-0", 46'-0" C/C BEARINGS

ROADWAY: 66'-0" FACE TO FACE CURBS WITH 5'-0" SIDEWALKS

LOADING: HS20-44 (CASE III) & THE ALTERNATE MILITARY

SKEW: 21° 06' 46" R.F.

WEARING SURFACE: MONOLITHIC CONCRETE

FORWARD APPROACH SLABS: AS-1-81 (25' LONG)

REAR APPROACH SLABS: EXISTING (25' LONG) W/ 1" MINIMUM ASPHALT CONCRETE OVERLAY

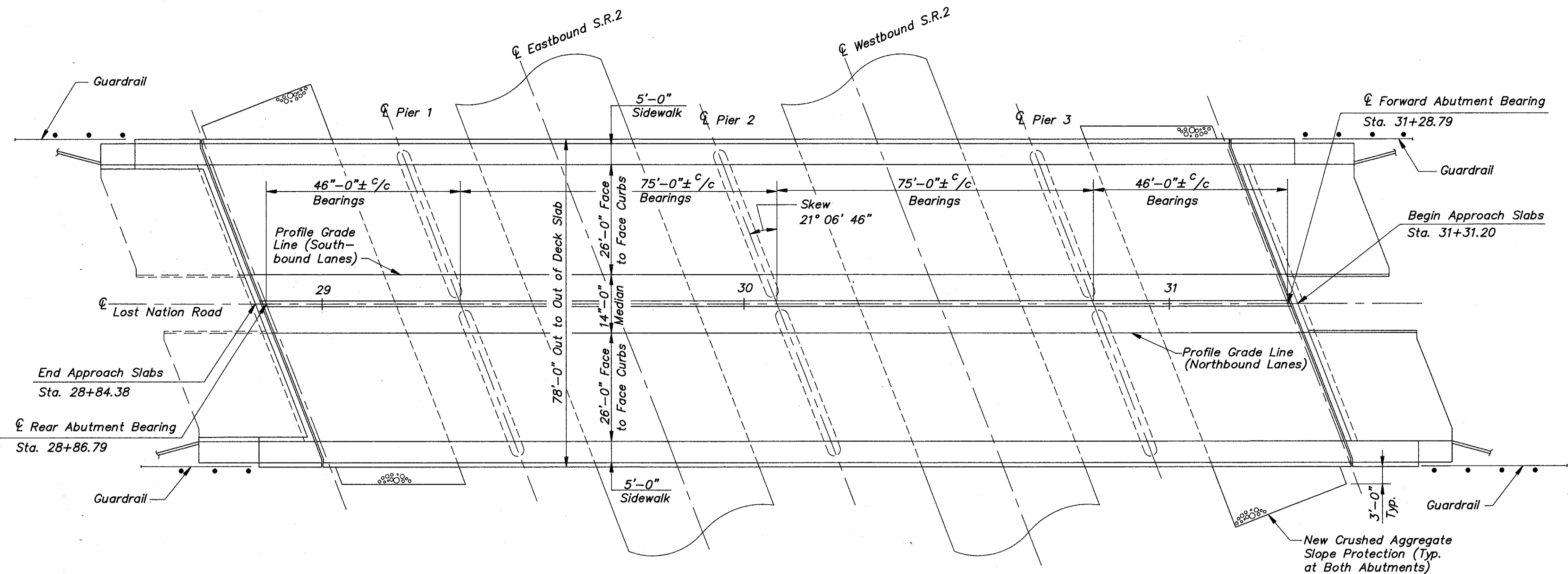
CROWN: 3/16" PER FOOT

ALIGNMENT: TANGENT

DESIGN AVERAGE DAILY TRAFFIC: 14,655 (2007)

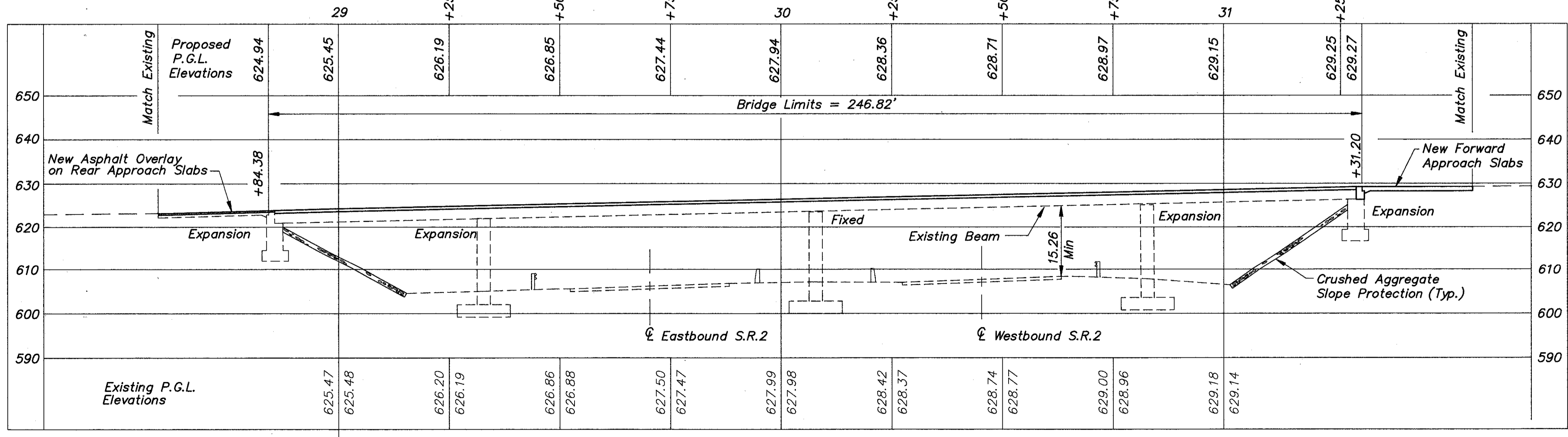
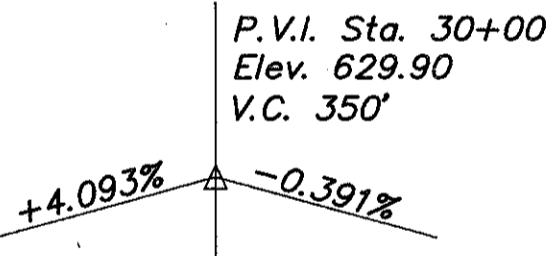
DESIGN AVERAGE DAILY TRUCK TRAFFIC: 440 (2007)

NOTES:  
1. NOTATION: P.G.L. - PROFILE GRADE LINE, Typ. - TYPICAL, Sta. - STATION.



GENERAL PLAN

VERTICAL CURVE DATA



PROFILE

**COLPETZER-THOMAS, INC.**  
AN ENGINEERING GROUP  
WILLoughBY • MENTOR • NORTH CANTON • STEUBENVILLE • LORAIN

**GENERAL PLAN & PROFILE**  
**BRIDGE NO. LAK-2-0542**  
**S.R.2 UNDER LOST NATION ROAD**  
Sta. 28+84.38  
Sta. 31+31.20

LAKE COUNTY

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
J.P.R.	R.L.B.	R.L.B.	R.J.C.	J.E.A.	11/15/88	

38 / 78