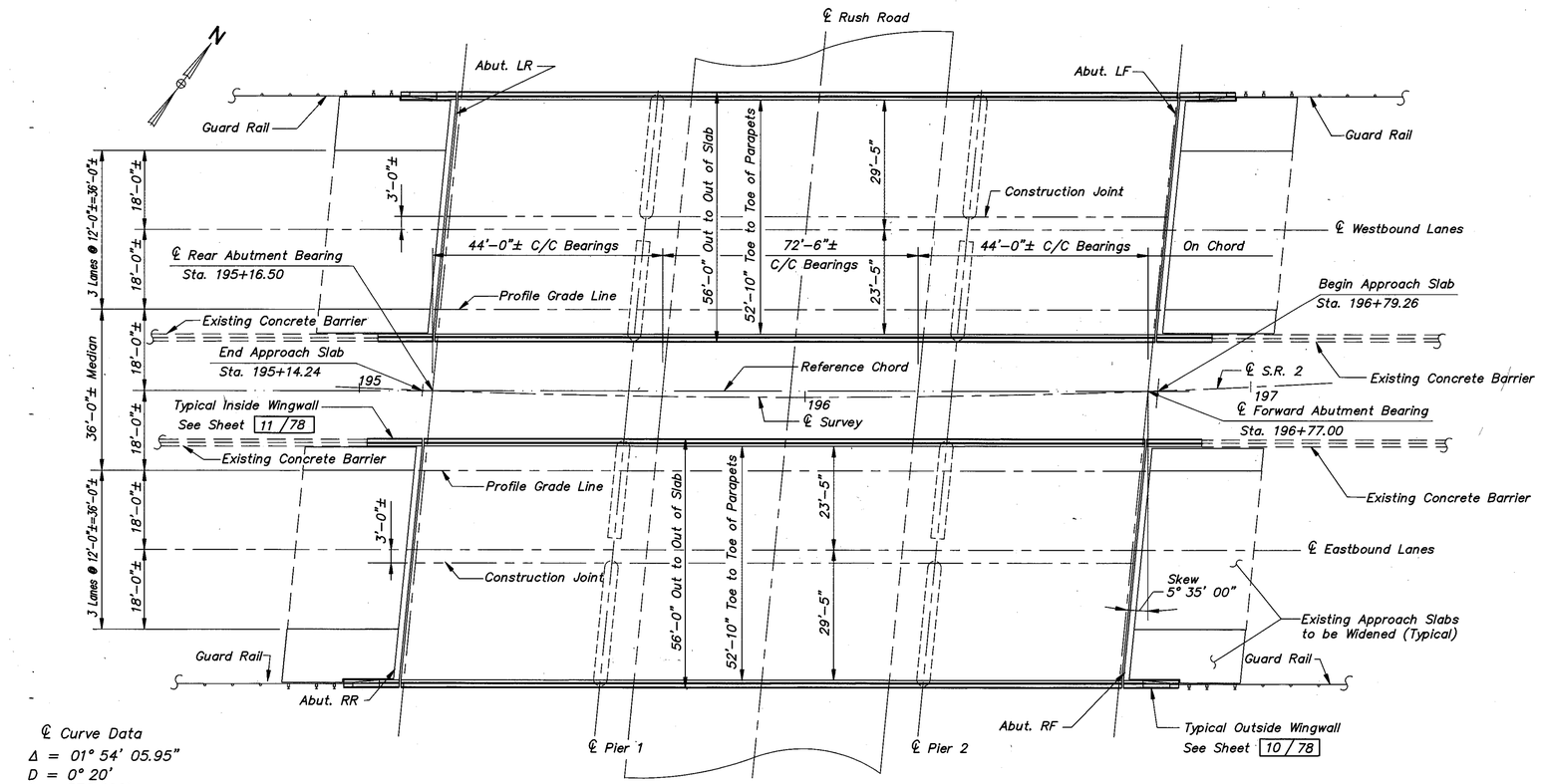
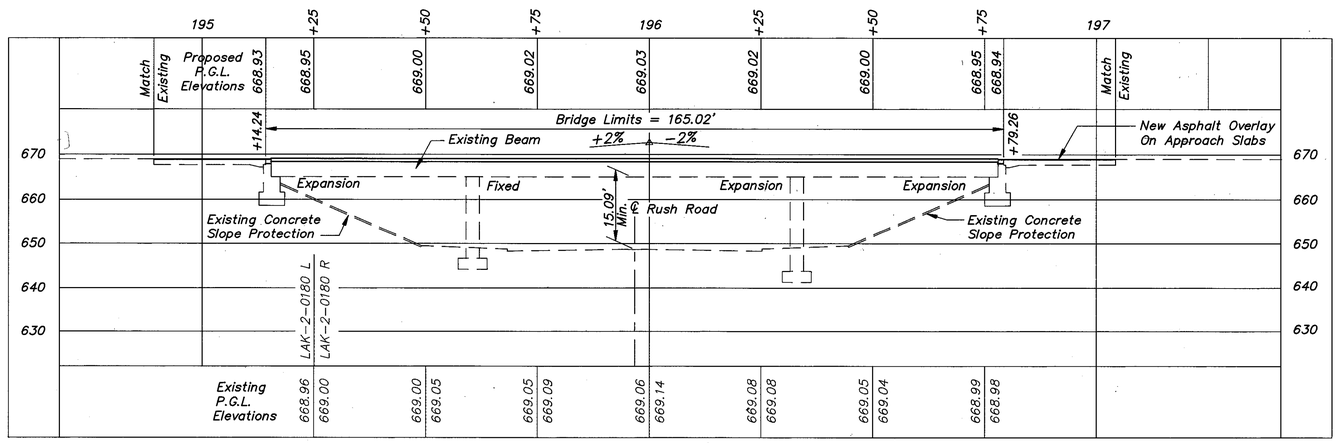
CALC. BY / DATE	LAK-2-1.80 (L & R) LAK-2-3.63 (L & R) LAK-2-5.42, LAK-2-10.29	OHIO
CHKD. BY / DATE		FHWA 5 REGION



GENERAL PLAN

℄ Curve Data
Δ = 01° 54' 05.95"
D = 0° 20'
L = 570.496'
R = 17,188.734'
T = 285.273'
C = 570.307'
E = 2.365'
P.C. = Sta. 193+11.27
P.T. = Sta. 198+81.767

Vertical Curve Data
1450' Vertical Curve
PVI Sta. 196+00
Elev. 676.28



PROFILE

Benchmark: Steel Pin Set 1'-6" North of Northeast Corner of Rear Abutment of Eastbound Bridge. Elevation = 663.47

EXISTING STRUCTURE DATA

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

SPAN: 44'-0", 72'-6", 44'-0" C/C BEARINGS

ROADWAY: 51'-8" FACE TO FACE OF CURBS EASTBOUND LANES
51'-8" FACE TO FACE OF CURBS WESTBOUND LANES

SKEW: 5° 35' 00" L.F.

ALIGNMENT: 0° 20' CURVE LEFT

PROPOSED STRUCTURE DATA

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

SPAN: 44'-0", 72'-6", 44'-0" C/C BEARINGS

ROADWAY: 52'-10" TOE TO TOE OF PARAPETS EASTBOUND LANES
52'-10" TOE TO TOE OF PARAPETS WESTBOUND LANES

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

SKEW: 5° 35' 00" L.F.

WEARING SURFACE: MONOLITHIC CONCRETE

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

CROWN: 3/16" PER FOOT

ALIGNMENT: 0° 20' CURVE LEFT

DESIGN AVERAGE DAILY TRAFFIC: 63,400 (2007)

DESIGN AVERAGE DAILY TRUCK TRAFFIC: 3,804 (2007)

Notation: P.G.L. – Profile Grade Line, Elev. – Elevation, Sta. – Station, Min. – Minimum, Abut. – Abutment

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

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GENERAL PLAN & PROFILE
BRIDGE NO. LAK-2-0180 L & R
OVER RUSH ROAD
Sta. 195+14.24
Sta. 196+79.26
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	