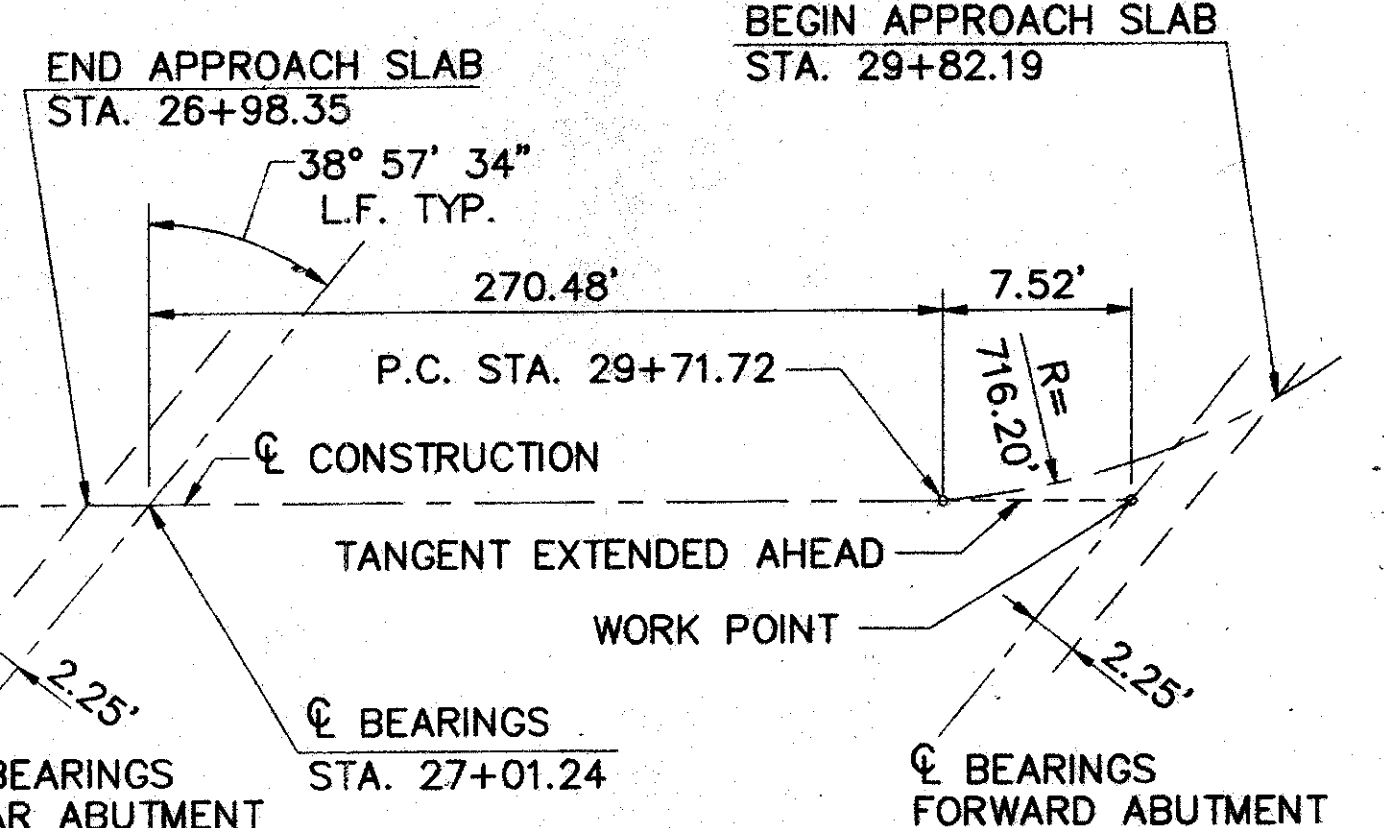


BENCHMARK: CHISELED □ ON SOUTHWEST CORNER CONCRETE ABUTMENT FOR RAILROAD BRIDGE. (S.R.2) STA. 139+02.79, 61.03' RT. ELEV. 625.81

☉ CONSTRUCTION CURVE DATA
 P.I. STA. 30+72.38
 $\Delta=16^{\circ} 00' 00''$ LT.
 $D=8^{\circ} 00' 00''$
 $R=716.20'$
 $L=200.00'$
 $T=100.66'$
 $E=7.04'$



REFERENCE LINE DIAGRAM

DESIGN AVERAGE DAILY TRAFFIC : 3870 (2013)
 DESIGN AVERAGE DAILY TRUCK TRAFFIC: 426 (2013)

EXISTING STRUCTURE

TYPE: 4 SPAN CONTINUOUS STEEL BEAMS WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE
 SPANS: 53'±, 75'±, 75'±, 75'± C/C BEARINGS
 ROADWAY: 30'-0"± F/F 2'-2" CURBS
 SKEW: 38°-57'-34" L.F.
 ALIGNMENT: TANGENT AND 8° CURVE LEFT
 CONDITION: FAIR
 DATE BUILT: 1960
 STRUCTURE FILE NUMBER: 4300637

PROPOSED STRUCTURE

TYPE: 4 SPAN CONTINUOUS STEEL BEAMS WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE
 SPANS: 53', 75', 75', 75' C/C BEARINGS *
 ROADWAY: 28'-0" F/F 4' SIDEWALKS W/CONC. PARAPETS AND CHAIN LINK FENCE
 LOADING: HS20-44 AND THE ALTERNATE MILITARY LOADING (CASE II)
 WEARING SURFACE: MONOLITHIC CONCRETE
 CROWN: 1/4" PER FOOT
 APPROACH SLABS: AS-1-81 (25'-0" LONG)
 SKEW: 38°-57'-34" L.F.
 ALIGNMENT: TANGENT AND 8° CURVE LEFT

* MEASURED ALONG REFERENCE LINE

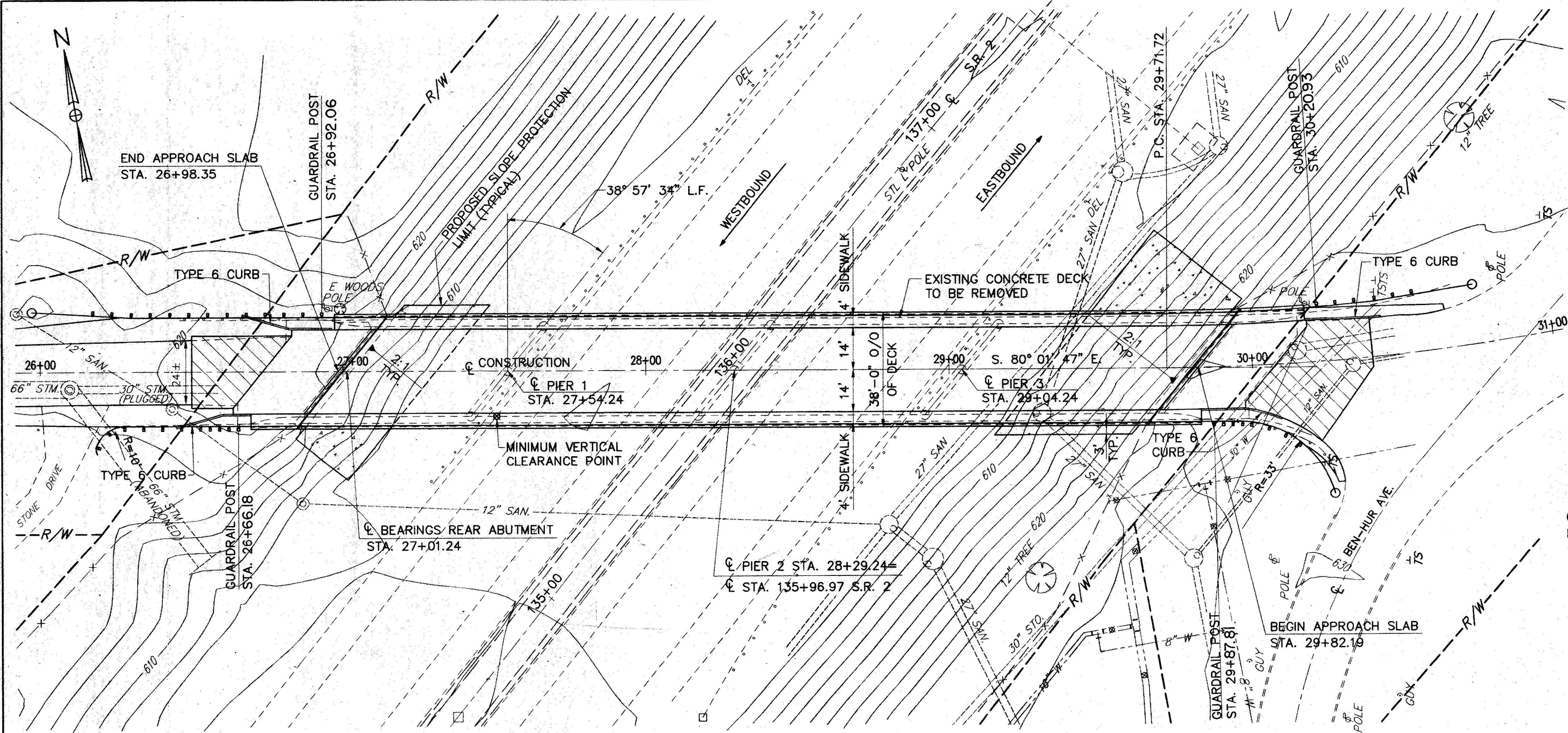
CT Consultants, Inc.
 Engineers • Architects • Planners
 Willoughby • Mentor • Columbus • North Canton • Canton

1 / 20

SITE PLAN
 BRIDGE NO. LAK - 2 - 0451
 S.R. 2 UNDER STEVENS BLVD.

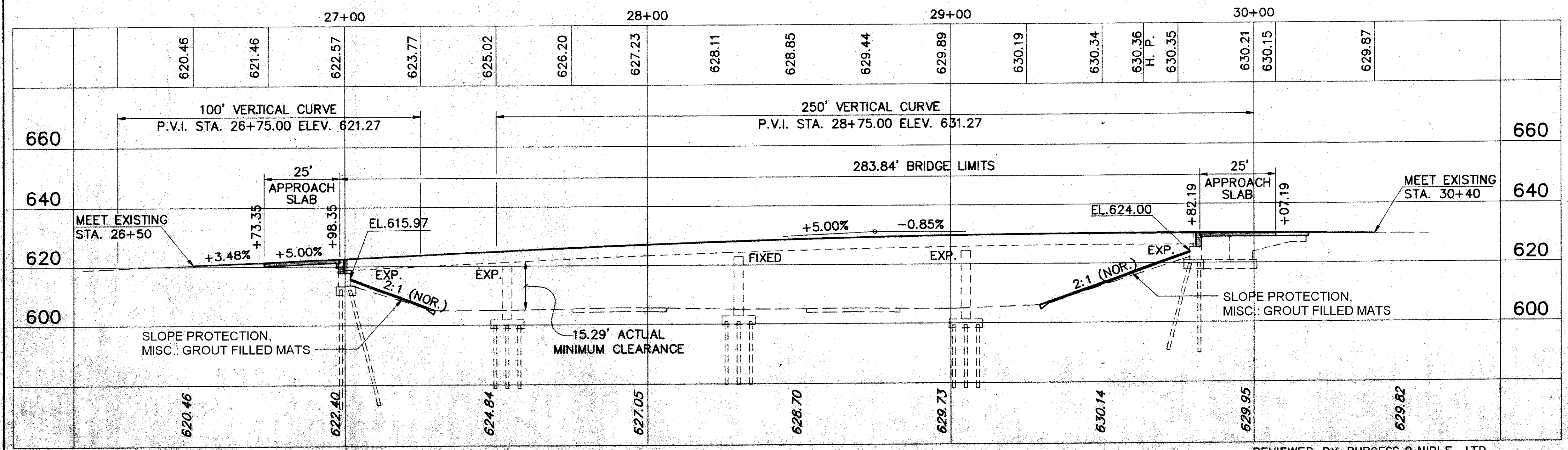
LAKE COUNTY
 PRESENT TOPOGRAPHY: SURVEYED R.J.B.
 PROPOSED WORK: DRAWN R.L.B., DESIGNED J.E.A., DRAWN R.L.B., CHECKED D.J.W., REVIEWED _____

STA. 26+98.35
 STA. 29+82.19



NOTE: EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS-SECTIONS.

PLAN



PROFILE ALONG CONSTRUCTION

REVIEWED BY BURGESS & NIPLÉ, LTD.
 V.D.P. 09-19-94