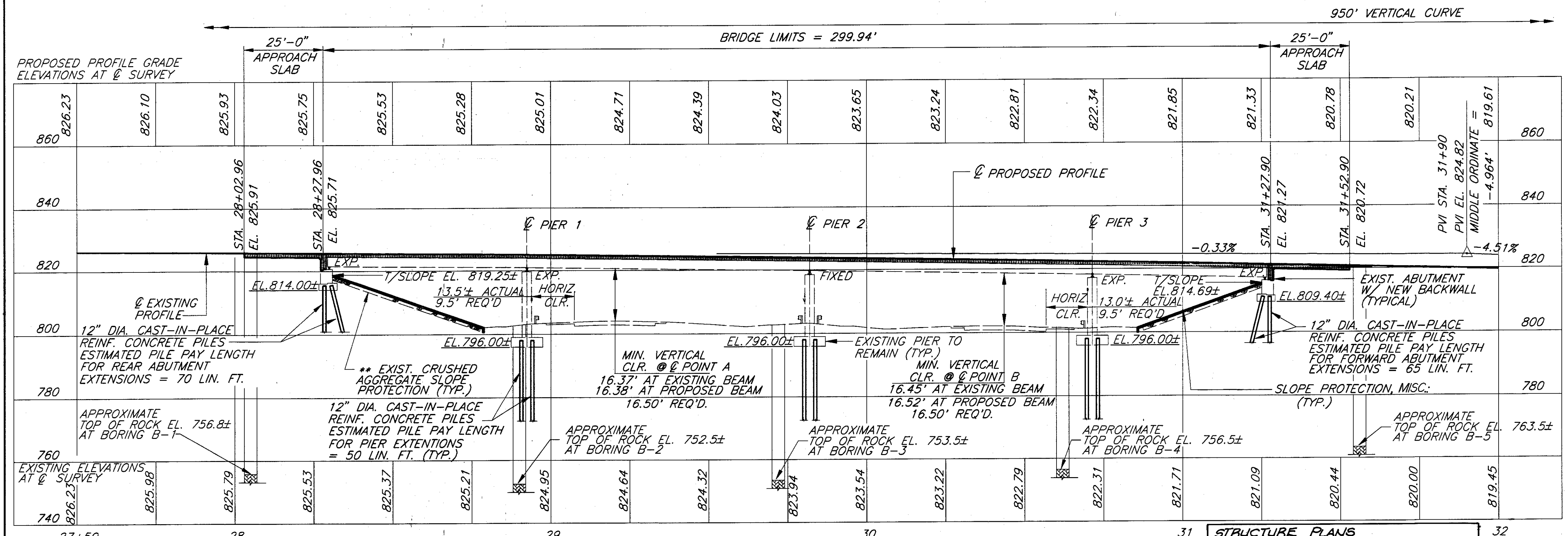


PLAN



PROFILE AT CENTERLINE OF SURVEY

BORE HOLE	STATION	OFFSET
B-1	28 + 05	10' LEFT
B-2	28 + 90	24' RIGHT
B-3	29 + 72	27' LEFT
B-4	30 + 62	25' LEFT
B-5	31 + 56	10' RIGHT

● LOCATION OF MINIMUM VERTICAL CLEARANCE

TRAFFIC DATA	
CURRENT ADT (1995)	= 7130
DESIGN YEAR ADT (2015)	= 10620
DESIGN YEAR ADTT (2015)	= 425

**EXISTING STRUCTURE**

TYPE: FOUR SPAN CONTINUOUS STEEL BEAMS WITH REINFORCED CONCRETE DECK & SUBSTRUCTURES

SPAN LENGTHS: 62'-0"±, 89'-6"±, 89'-6"±, & 54'-0"±, C/C BEARINGS

ROADWAY WIDTH: 30'-0" FACE-TO-FACE OF CURB W/ 2'-0" SAFETY CURBS ON EACH SIDE

STRUCTURAL STEEL TYPE: 36WF170 AND 36WF245 ARE A.S.T.M. A-373, ALL OTHER STRUCTURAL STEELS ARE A.S.T.M. A-7

RAILINGS: CONCRETE PARAPET WITH PIPE RAILING

SKEW: 24'-25'-10"±, RIGHT FORWARD

LOADING: CF-400

WEARING SURFACE: ASPHALT CONCRETE

APPROACH SLABS: AS-1-54 (25'-0" LONG)

ALIGNMENT: TANGENT

SUPERELEVATION: NONE

YEAR BUILT: 1960

STRUCTURE FILE NO.: 4305019

**PROPOSED STRUCTURE**

PROPOSED WORK: NEW WIDENED REINFORCED CONCRETE DECK ON WIDENED SUBSTRUCTURES INCLUDING ADDING TWO NEW STEEL BEAMS, REPLACE ABUTMENT BACKWALLS, NEW WINGWALLS, RESET ROCKER BEARINGS, NEW STRIP SEAL EXPANSION JOINTS, PATCH AND SEAL SUBSTRUCTURES, REPLACE APPROACH SLABS, NEW VANDAL PROTECTION FENCE

SPAN LENGTHS: 62'-0", 89'-6", 89'-6", & 54'-0", C/C BEARINGS

ROADWAY WIDTH: 44'-0" TOE-TOE OF CONCRETE PARAPET

RAILINGS: CONCRETE PARAPET WITH CHAIN LINK FENCE

LOADINGS: HS20-44 CASE II AND ALTERNATE MILITARY LOADINGS

STRUCTURAL STEEL TYPE: NEW EXTERIOR BEAMS A.S.T.M. A-36

SKEW: 24'-25'-10", RIGHT FORWARD

WEARING SURFACE: MONOLITHIC CONCRETE

APPROACH SLABS: AS-1-81 (25'-0" LONG)

ALIGNMENT: TANGENT

SUPERELEVATION: NONE

COORDINATES: LATITUDE N 41°45' 33" LONGITUDE W 81°02' 52"

DESIGN AGENCY: THE OSBORN ENGINEERING COMPANY  
666 EUCLID AVENUE  
CLEVELAND, OHIO 44114

DATE: 10/95  
REVIEWED: CA  
DRAWN: ZN  
DESIGNED: BK  
CHECKED: JRS

LAKE COUNTY  
STA. 28+27.96  
STA. 31+27.90

SITE PLAN  
BRIDGE NO. LAK-90-2687  
S.R. 528 OVER I-90

LAK-90-26.87

1/24  
31  
54

Files: K:\001\0007\0250\STRUCT\0250570  
Plot Scale: 1" = 40'  
Drawn By/Date: PC / 04-25-96 (14)