BENCHMARK
STA. 96+44.18, 26.45' LT. TOP OF IRON PIN EL. 860.40

BENCHMARK
STA. 103+46.07, 24.26' LT. TOP OF IRON PIN EL. 846.29

LEGEND

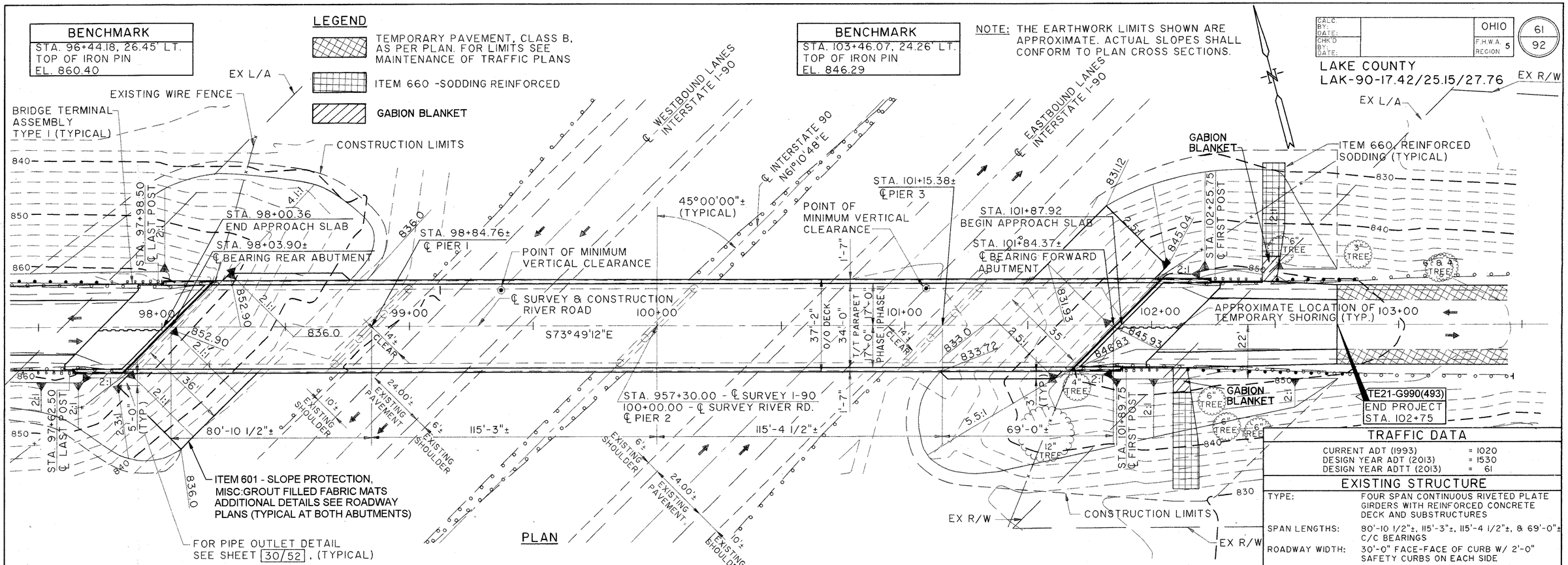
- TEMPORARY PAVEMENT, CLASS B, AS PER PLAN. FOR LIMITS SEE MAINTENANCE OF TRAFFIC PLANS
- ITEM 660 -SODDING REINFORCED
- GABION BLANKET

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

CALC. BY: DATE:		OHIO
CHK'D BY: DATE:		F.H.W.A. REGION 5

61/92

LAKE COUNTY
LAK-90-17.42/25.15/27.76



TRAFFIC DATA

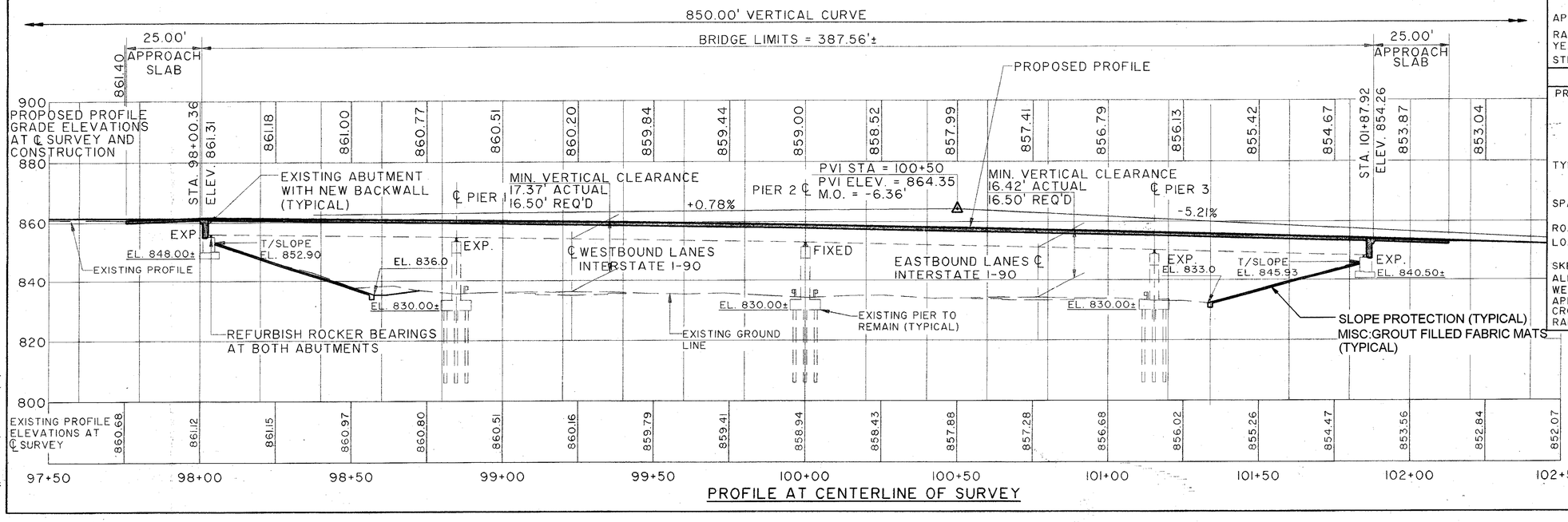
CURRENT ADT (1993)	= 1020
DESIGN YEAR ADT (2013)	= 1530
DESIGN YEAR ADTT (2013)	= 61

EXISTING STRUCTURE

TYPE:	FOUR SPAN CONTINUOUS RIVETED PLATE GIRDERS WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURES
SPAN LENGTHS:	80'-10 1/2"±, 115'-3"±, 115'-4 1/2"±, & 69'-0"± C/C BEARINGS
ROADWAY WIDTH:	30'-0" FACE-FACE OF CURB W/ 2'-0" SAFETY CURBS ON EACH SIDE
LOADING:	HS15-44
LOAD FREQUENCY:	CF-130
SKEW:	45°-00'-00"± LEFT FORWARD
ALIGNMENT:	TANGENT
WEARING SURFACE:	3/4" MONOLITHIC CONCRETE (ASPHALT OVERLAY HAS BEEN ADDED).
APPROACH SLABS:	AS-1-54 (25'-0" LONG)
RAILINGS:	CONCRETE PARAPET W/ PIPE RAILING
YEAR BUILT:	1960
STRUCTURE FILE #:	4305027

PROPOSED STRUCTURE

PROPOSED WORK:	NEW COMPOSITE REINFORCED CONCRETE DECK, NEW ABUTMENT BACKWALLS, NEW PORTIONS OF WINGWALLS, RESET ROCKER BEARINGS AT ABUTMENTS, NEW STRIP SEAL EXPANSION JOINTS, PATCH AND SEAL SUBSTRUCTURES, NEW APPROACH SLABS, **PAINT STEEL**
TYPE:	FOUR SPAN CONTINUOUS COMPOSITE RIVETED PLATE GIRDERS WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURES.
SPAN LENGTHS:	80'-10 1/2"±, 115'-3"±, 115'-4 1/2"±, & 69'-0"± C/C BEARINGS
ROADWAY WIDTH:	34'-0" TOE-TOE OF CONCRETE PARAPETS
LOADINGS:	HS20-44 CASE II AND ALTERNATE MILITARY LOADS
SKEW:	45°00'-00"± LEFT FORWARD
ALIGNMENT:	TANGENT
WEARING SURFACE:	MONOLITHIC CONCRETE
APPROACH SLABS:	AS-1-81 (25'-0" LONG).
CROWN:	3/16" / FOOT
RAILINGS:	CONCRETE PARAPET W/ CHAIN LINK FENCE



THE OSBORN ENGINEERING COMPANY CONSULTING ENGINEERS CLEVELAND, OHIO 44114	21/52

SITE PLAN
BRIDGE NO. LAK-90-2515
RIVER ROAD OVER I-90
LAKE COUNTY STATION 98+00.36 TO STATION 101+87.92

LAKE COUNTY OHIO

PRESENT TOPOGRAPHY		PROPOSED WORK				
SURVEYED	DRAWN	DESIGNED	DRAWN	CHECKED	REVIEWED	DATE
HIMEBAUGH & ASSOCIATES	HIMEBAUGH & ASSOCIATES	LYH	ZN	JRS	GA	2/94

RIVER ROAD

Filename : K:/VOL1/0007/0185/STRUCT/01855201
Plot Scale : 20
Plot Style Table : BFG / 04-29-94 (10)