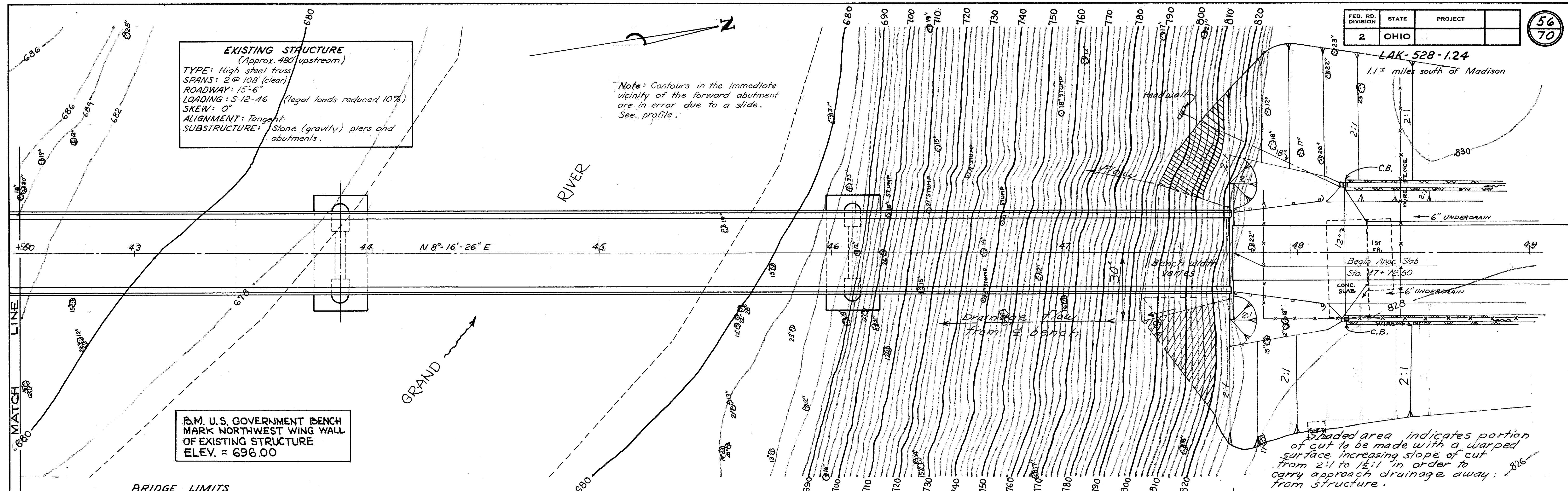


EXISTING STRUCTURE
(Approx. 480' upstream)

TYPE: High steel truss
 SPANS: 2 @ 108' (clear)
 ROADWAY: 15'-6"
 LOADING: S-12-46 (legal loads reduced 10%)
 SKEW: 0°
 ALIGNMENT: Tangent
 SUBSTRUCTURE: Stone (gravity) piers and abutments.

Note: Contours in the immediate vicinity of the forward abutment are in error due to a slide. See profile.

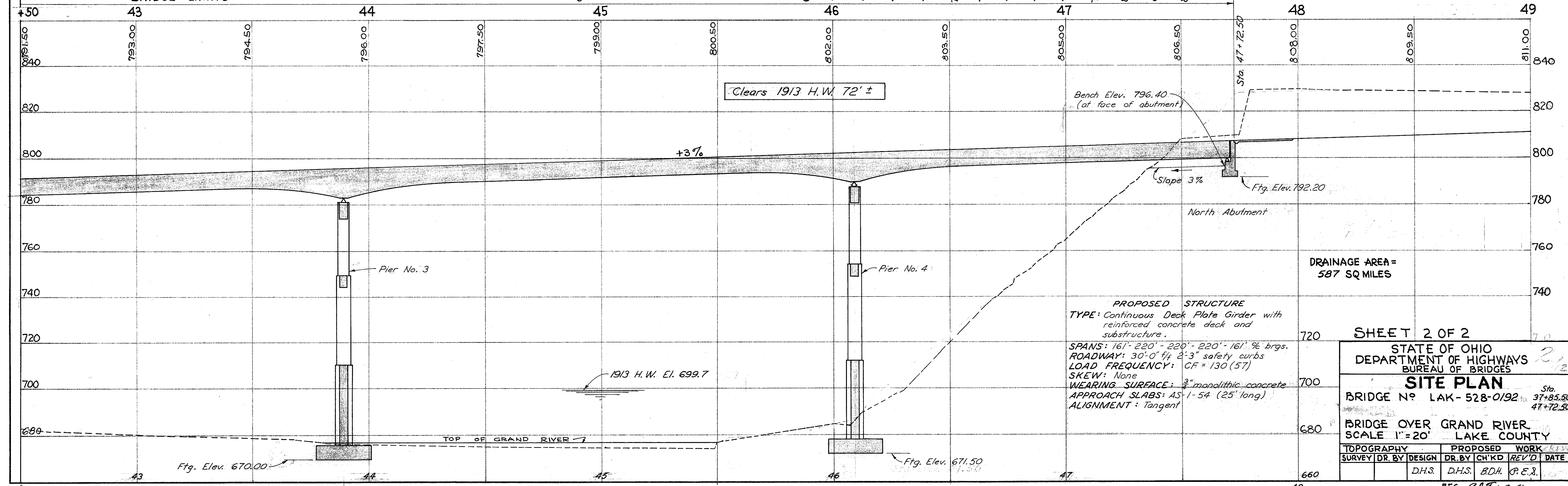
LAK-528-1.24
 1.1± miles south of Madison



B.M. U.S. GOVERNMENT BENCH MARK NORTHWEST WING WALL OF EXISTING STRUCTURE
 ELEV. = 696.00

Shaded area indicates portion of cut to be made with a warped surface increasing slope of cut from 2:1 to 1 1/2:1 in order to carry approach drainage away from structure.

BRIDGE LIMITS



PROPOSED STRUCTURE
 TYPE: Continuous Deck Plate Girder with reinforced concrete deck and substructure.
 SPANS: 161'-220'-220'-161' % brgs.
 ROADWAY: 30'-0" w/ 2'-3" safety curbs
 LOAD FREQUENCY: CF = 130 (57)
 SKEW: None
 WEARING SURFACE: 3" monolithic concrete
 APPROACH SLABS: AS-1-54 (25' long)
 ALIGNMENT: Tangent

DRAINAGE AREA = 587 SQ MILES

SHEET 2 OF 2

STATE OF OHIO
 DEPARTMENT OF HIGHWAYS
 BUREAU OF BRIDGES

SITE PLAN
 BRIDGE NO. LAK-528-0192
 SCALE 1" = 20'

BRIDGE OVER GRAND RIVER
 LAKE COUNTY

TOPOGRAPHY	DESIGN	PROPOSED WORK
SURVEY DR. BY	DR. BY	CH'KD
	D.H.S.	B.D.H.
		R.E.S.
		DATE