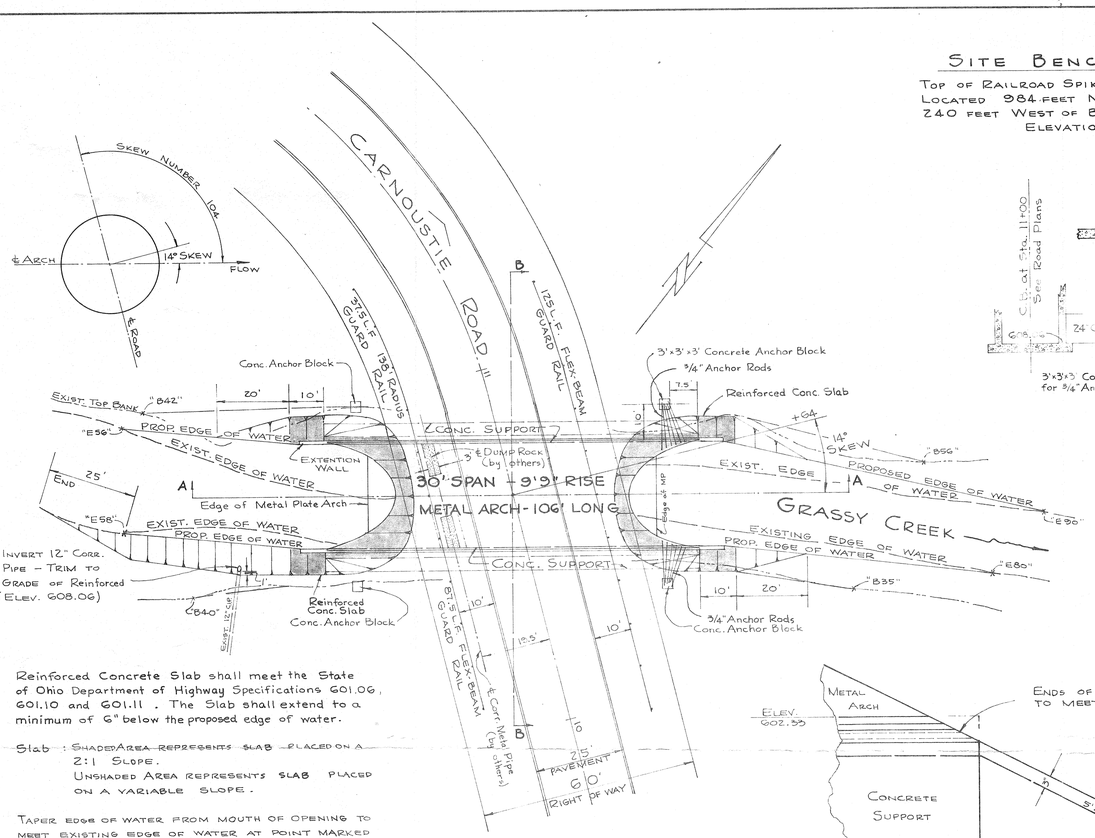
SITE BENCH MARK

TOP OF RAILROAD SPIKE SET IN TRIPLE TREE LOCATED 984 FEET NORTH OF FORD RD. AND 240 FEET WEST OF BATES RD.
ELEVATION 626.57

Note: All elevations are referred to U.S.G.S. Bench Mark located on Indian Avenue, 25 feet north of road, 12 feet west of Hufford Road, 4 feet south of guy pole, top of spike set in concrete post; U.S.G.S. Elevation = 629.84, Wood County Elevation = 630.64. To convert elevations to Wood County Site Bench Mark that was established by Wood County survey crew, add 0.80 feet to elevations shown. Wood County Site Bench Mark top of concrete footer on south side of Metal Arch Building 19 feet east of southwest corner at rear of old Tile Factory west of Bates Road. Wood County Elevation = 620.67, U.S.G.S. Elevation = 619.87.

CONTRACTOR SHALL SUBMIT FOR APPROVAL, SHOP DRAWINGS SHOWING METAL ARCH DETAILS AND ANCHORAGE TO CONCRETE SUPPORT.
CONTRACTOR SHALL NOTIFY WOOD COUNTY ENGINEER ONE WEEK IN ADVANCE OF ANY CONSTRUCTION AND PAY AN INSPECTION FEE OF $7.00 PER HOUR.



PLAN

SCALE: 1" = 20'

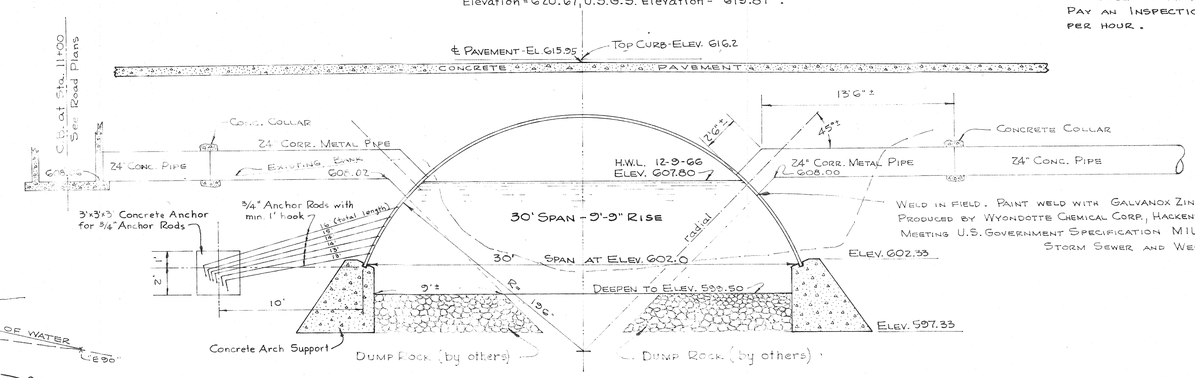
Reinforced Concrete Slab shall meet the State of Ohio Department of Highway Specifications 601.06, 601.10 and 601.11. The Slab shall extend to a minimum of 6" below the proposed edge of water.

Slab: SHADED AREA REPRESENTS SLAB PLACED ON A 2:1 SLOPE.
UNSHADED AREA REPRESENTS SLAB PLACED ON A VARIABLE SLOPE.

TAPER EDGE OF WATER FROM MOUTH OF OPENING TO MEET EXISTING EDGE OF WATER AT POINT MARKED "E" ON PLAN.

TAPER TOP BANK TO BE COMPATABLE WITH SLAB TO A POINT 10 FEET FROM MOUTH OF OPENING. THEN TAPER TOP BANK TO MEET EXISTING TOP BANK AT POINT MARKED "B" ON PLAN.

POINTS MARKED "E" AND "B" ON PLAN ARE FOLLOWED BY A NUMBER WHICH REPRESENTS THE APPROXIMATE DISTANCE ALONG THE ℄ OF GRASSY CREEK FROM THE MOUTH OF THE OPENING.



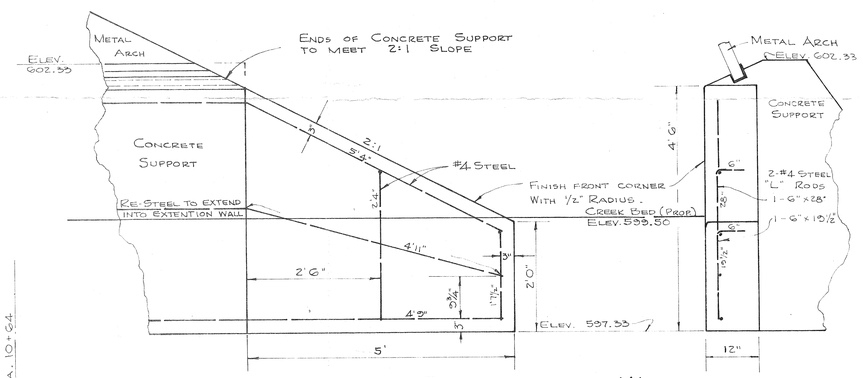
WELD IN FIELD. PAINT WELD WITH GALVANOX ZINK RICH PAINT, AS PRODUCED BY WYONDOTTE CHEMICAL CORP., HACKENSACK, N.J., OR EQUAL, MEETING U.S. GOVERNMENT SPECIFICATION MIL-P-21035.
STORM SEWER AND WELD BY OTHERS.

SECTION B-B

SCALE: 1" = 5'

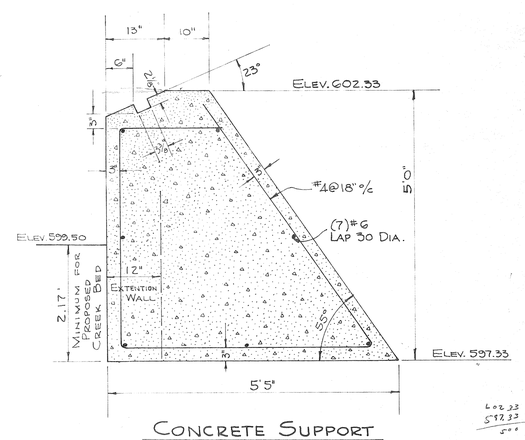
ITEM No. 1, EARTH EXCAVATION, SHALL BE PERFORMED UNDER THE DIRECTION OF THE WOOD COUNTY ENGINEER.

THE MANUFACTURER SHALL CERTIFY THAT THE METAL ARCH MEETS REQUIREMENTS OF H-15 LIVE LOAD AND SHALL PROVIDE CALCULATIONS FOR SAME.



EXTENTION WALL

SCALE: 3/4" = 1'-0"

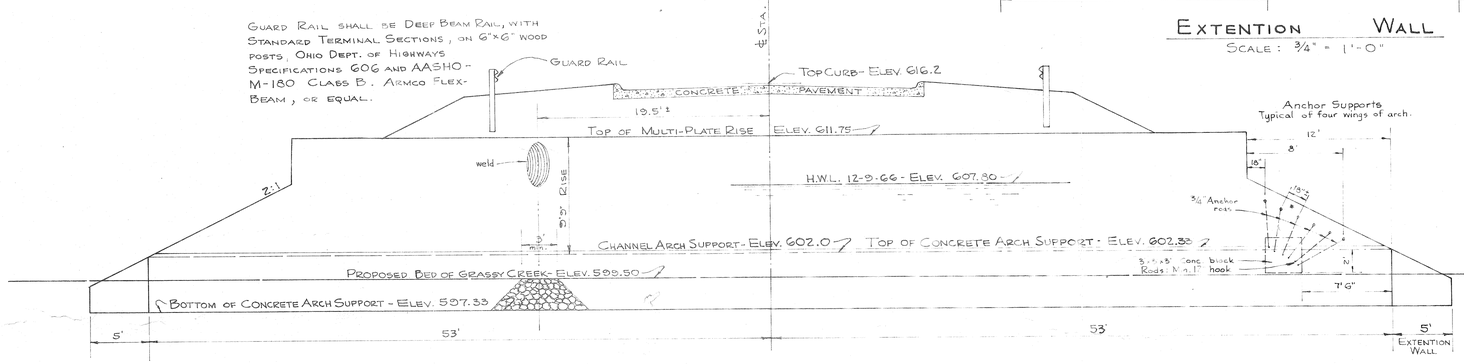


CONCRETE SUPPORT

SCALE: 3/4" = 1'-0"

602.33
597.33
5.00

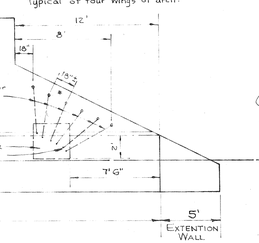
GUARD RAIL SHALL BE DEEP BEAM RAIL, WITH STANDARD TERMINAL SECTIONS, ON 6"x6" WOOD POSTS, OHIO DEPT. OF HIGHWAYS SPECIFICATIONS 606 AND AASHO - M-180 CLASS B. ARMCO FLEX-BEAM, OR EQUAL.

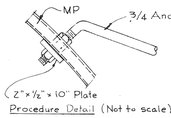


SECTION A-A

SCALE: 1" = 6'

Anchor Supports
Typical of four wings of arch.





Procedure Detail (Not to scale): Bolt rod to MP both inside and outside then bend rod to fit into Conc. block.

*Anchor rod holes 18" o/c or to nearest Crest or Valley.

53
12
41
41
82

PORTER W. McDONNELL & ASSOCIATES, INC. Consulting Engineers
200 COLTON BUILDING TOLEDO OHIO

SCALE AS SHOWN	REVISIONS	FILE NO. 65172
DRAWN A.W.M.	Anchors - Dec. 68 Riprap to Reinf. Conc. Slab - April 69	DRWG. NO.

Z
Z

65-172