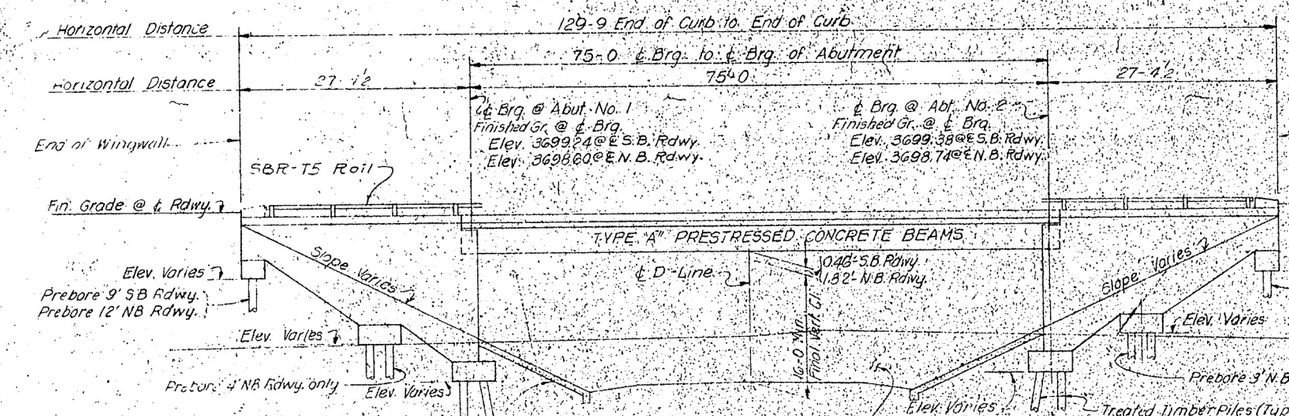
DIV. NO.	STATE	PROJ. NO.	NO.
8	MONT.	I-15-6(15)297	56

VTN INC., HELENA, MONTA

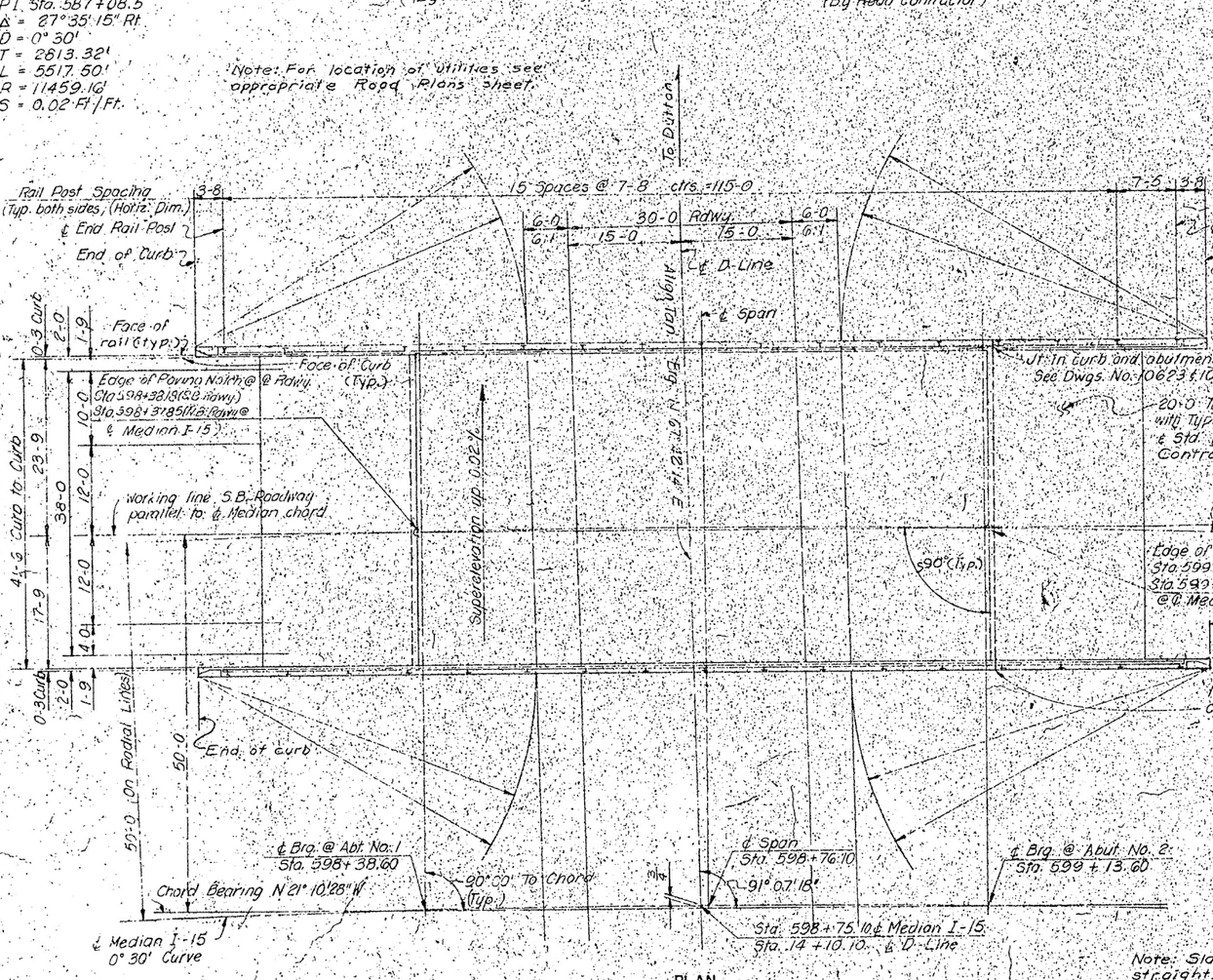


ELEVATION

I-15 CURVE DATA (MEDIAN ℄)

P.I. Sta. 587+08.5
Δ = 27°35'15" Rt.
D = 0°30'
T = 2613.32'
L = 5517.50'
R = 11459.16'
S = 0.02 Ft./Ft.

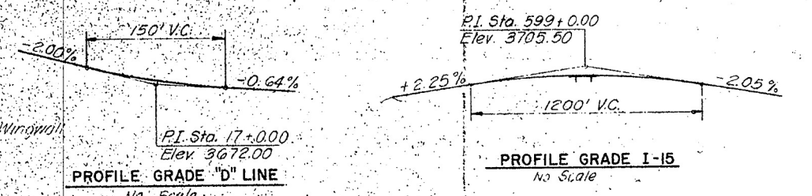
Note: For location of utilities see appropriate Road Plans Sheet.



PLAN
(S.B. Rdwy. shown)

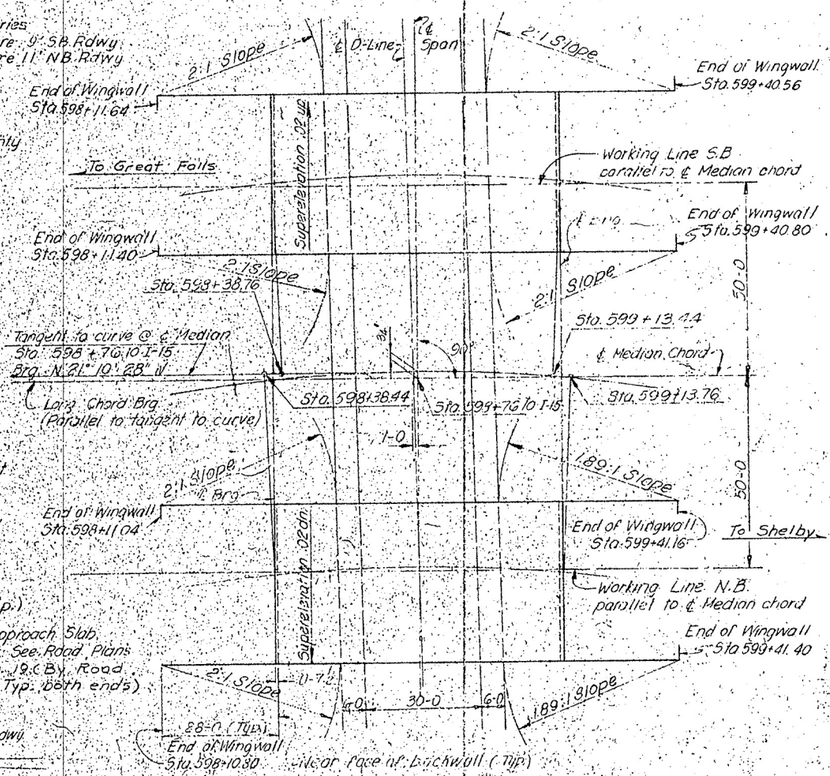
Note: Northbound Rdwy. similar to Southbound Rdwy. See Orientation Plan this sheet.

Note: Slabs and curbs to be built on straight line parallel with long chord.



PROFILE GRADE "D" LINE
No Scale

PROFILE GRADE I-15
No Scale



ORIENTATION PLAN
Scale: 1" = 20'-0"

NOTES:

LIVE LOAD: Standard H S 20-44 or alt loading. Alternate loading for bridges a floor systems with spans under 40 ft. of two axles 4 ft. apart with each axle weighing 24,000 lbs.

FINISHED GRADE: Finished plan grade Southbound Rdwy is .32 ft. above Pro Grade shown on Road Plans and finishe grade of ℄ Northbound Rdwy. is .32 ft Profile Grade shown on Road Plans due 0.02 ft. per ft. Super Elevation.

NOTES

SPECIFICATIONS: MONTANA STATE HIGHWAY COMMISSION STAN-DARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 1970 EDITION, AND ANY AMENDMENTS THERETO, AND SPECIAL PROVISIONS SHALL GOVERN UNLESS OTHERWISE NOTED. DESIGN PREPARED IN ACCORDANCE WITH A.A.S.H.T.O. SPECIFICATIONS, 1969 EDITION, AND ANY AMENDMENTS THERETO.

CAST IN PLACE CONCRETE: UNLESS OTHERWISE APPROVED, ALL CONCRETE SHALL BE CLASS "AA", AN "AIR ENTRAINING AGENT" SHALL BE ADDED TO ALL CONCRETE EXCEPT CLASS "A" CHAMFER ALL EXPOSED EDGES OF CONCRETE WITH ENCLOSED ANGLE LESS THAN 120°, 3/4" AND FILLET ENTRANT ANGLES 3/4" UNLESS OTHERWISE NOTED. ALL FORMS FOR DECK SLAB SHALL BE REMOVED.

STRUCTURAL STEEL: ALL STRUCTURAL STEEL SHALL BE MEA-SURED AND PAID FOR ON THE LUMP SUM BASIS AS SET FORTH IN THE STANDARD SPECIFICATIONS. ESTIMATED WEIGHT 4,248 POUNDS.

FOR REQUIREMENTS GOVERNING THE FABRICATION OF "STRUC-TURAL STEEL" SEE THE STANDARD SPECIFICATIONS. TO AVOID OVERSIGHT THESE REQUIREMENTS SHALL BE CLEARLY NOTED ON THE SHOP DRAWINGS.

STRUCTURAL STEEL SHALL RECEIVE ONE (1) SHOP COAT OF RED LEAD OR BASIC LEAD SILICO CHROMATE PRIMER, AND TWO (2) FIELD COATS CONSISTING OF FIRST FIELD OR PRIMER COAT AND ONE (1) COAT OF ALUMINUM PAINT AS SPECIFIED IN THE STAN-DARD SPECIFICATIONS.

APPROVAL: SHOP PLANS SHALL BE APPROVED BY THE STATE OF MONTANA, DEPARTMENT OF HIGHWAYS BEFORE FABRICATION IS BEGUN.

SETTING OF MASONRY PLATES: CARE SHALL BE TAKEN IN PLAC-ING REINFORCING STEEL SO AS TO CLEAR ANCHOR BOLTS. MASONRY PLATES SHALL BE PLACED ON THREE LAYERS OF CANVAS THOROUGHLY SMEARED WITH RED LEAD AS CALLED FOR IN THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL FINISH CONCRETE UNDER MASONRY PLATES TO THE EXACT ELEVATION SHOWN. BUSH HAMMERING WILL BE PERMITTED AND USED ONLY AS A MEANS OF LEVELING THE CONCRETE SURFACE TO ASSURE FULL AND LEVEL BEARING AND TO REMOVE LAITANCE, LOOSE AND FOREIGN MATERIAL. STEEL SHIMS SHALL BE USED TO BRING THE MASONRY PLATES UP TO GRADE IF NECESSARY. STEEL SHIMS SHALL BE THE SAME SIZE EXCEPT FOR THICKNESS, AS THE MASONRY PLATE. MINIMUM THICKNESS OF ANY SHIMS SHALL BE 1/8". THE COST OF BUSH HAMMERING AND SHIMS, IF ANY, SHALL BE INCLUDED IN THE UNIT PRICES BID FOR CLASS "AA" CONCRETE.

FOOTINGS: ELEVATIONS SHOWN FOR BOTTOM OF FOOTINGS ARE APPROXIMATE ONLY. FINAL ELEVATIONS TO BE DETERMINED BY THE ENGINEER.

PROTECTIVE COATING: DECK, CURBS AND CONCRETE END POST SHALL BE GIVEN A PROTECTIVE COATING OF BOILED LINSEED OIL, "SEE (SPECIFICATIONS"

BACKFILL: Superstructure shall be in place b to placing backfill. Backfill to be kept at a imately the same elevation during the bac operation. See Art. 11.04(B) of the Std. Speci

SEQUENCE OF WORK: See Special Provis

MAINTENANCE OF TRAFFIC: S Special Provisions.

FOUNDATION PILES: For bidding purposes only, pile lengths have been estimated as noted on the details. The "Method of Measurement" for driving treated timber piles shall be as set forth in the Standard Specifications except the number of lineal feet to be measured for payment shall be the lineal feet of piling driven below the bottom of the prebored holes. Preboring of holes for test piles shall be included in the lump sum bid for test piles.

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

DUTTON INTERCHANGE
AT STA. 598+75.10

FEDERAL AID PROJECT NO. I-15-6(15)2

TETON COUNTY

GENERAL LAYOUT

SCALE: 1"=10'-0" EXCEPT AS NOTED

DRAWING NO. 106

DESIGNED	E.M.	10-71
DRAWN	S.P.	10-71
CHECKED	M.M.	3-72
APPROVED	Hes.	9/10/72
REVISED		
REVISED		