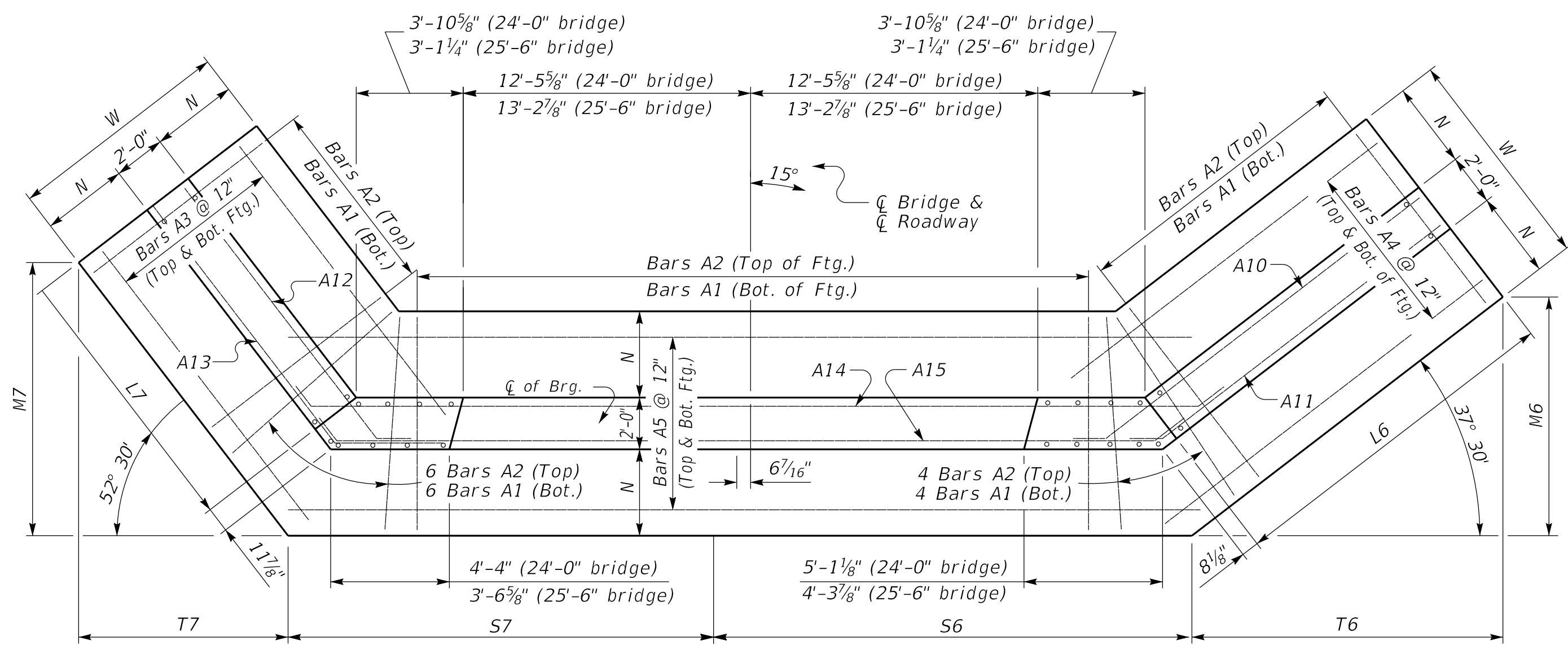


15° SKEW 24'-0" - 25'-6" BRIDGE WIDTH 2:1 FILL SLOPES

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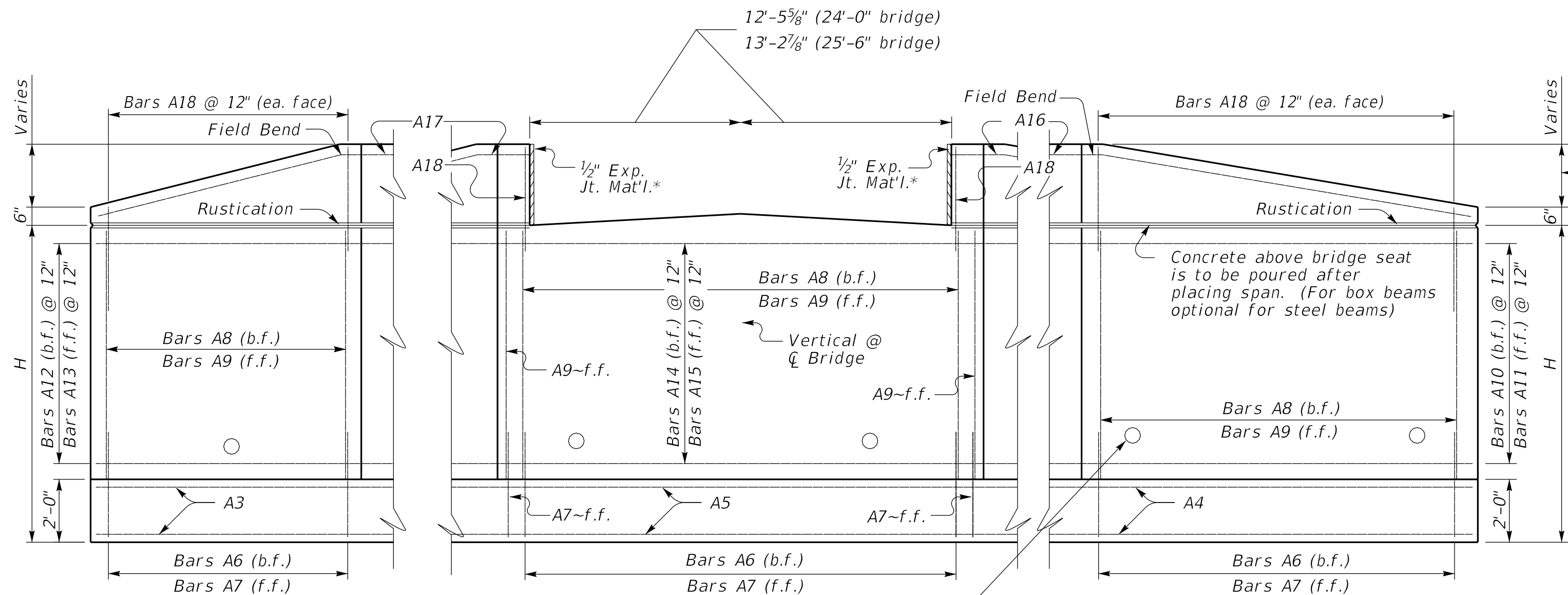
4 foot min. shoulder



(Left Skew as shown; right skew opp. hand)

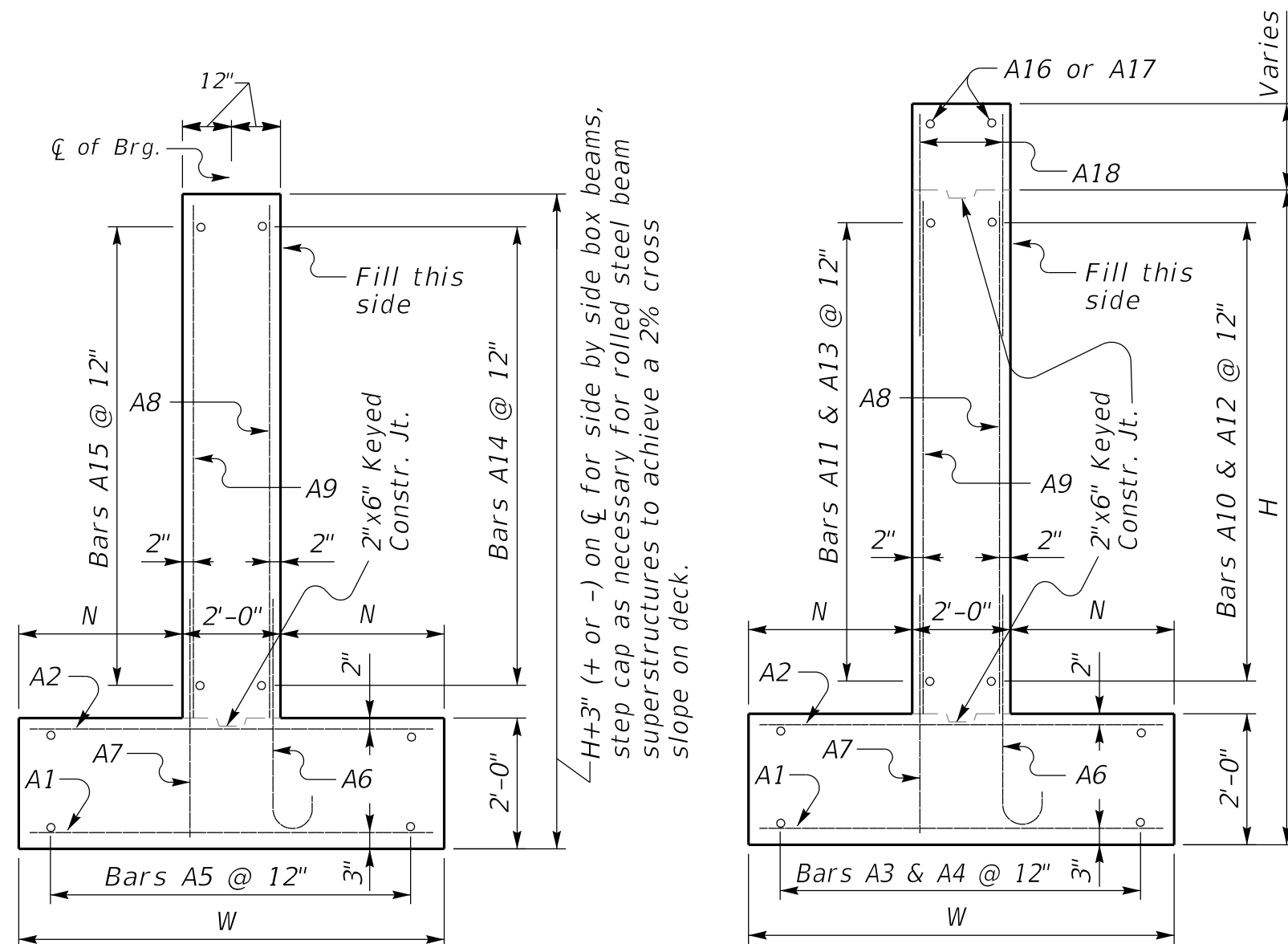
PLAN

NOTE: Trim A16 & A17 bars if necessary



ELEVATION

*Expansion Joint Material:
AASHTO M153
Type-I Sponge Rubber



WALL SECTION

WING SECTION

GENERAL NOTES

SPECIFICATIONS: Construct abutments according to the current edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction. Abutments are designed for side by side box beams as detailed in Standard Drawings BDP-001 through BDP-012, current edition. Dimensions may be adjusted to allow for 25'-6" rolled steel beam bridge width.

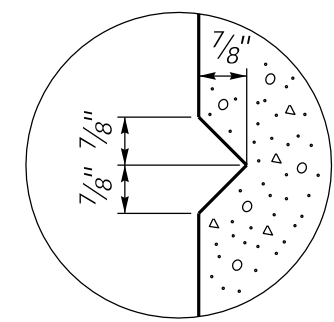
FOUNDATION PRESSURE: Construct abutment footings on solid rock bearing material that can support a pressure of 8000 psf service or 10,800 psf strength factored as recommended by a geotechnical engineer.

WING LENGTHS: Calculated assuming 21" superstructure depth and stream bank elevation at top of footing.

FOOTING ELEVATION: Construct bottom of footing below the anticipated scour elevation. (This typically entails embedding the footings 1'-0" to 2'-0" into rock and pouring concrete directly against cut rock faces as recommended by geotechnical engineer.)

NOTE: Distances to bars shown are clear dimensions unless otherwise noted.

MATERIAL SPECIFICATIONS:
Concrete, Class "A" = 3500 psi
Steel Reinforcement = Grade 60



RUSTICATION
GROOVE

REVISION DATE: 08/11/2025
REVISION NUMBER: 0

SUBMITTED 08-11-2025
DIVISION DIRECTOR

APPROVED 08-11-2025
STATE HIGHWAY ENGINEER

BRIDGE STANDARDS



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

15° SKEW 24'-0" - 25'-6" BRIDGE WIDTH ABUTMENT 2:1 FILL SLOPES, 4'-0" MIN. SHOULDER

STANDARD DRAWING NUMBER
BSA-105-01