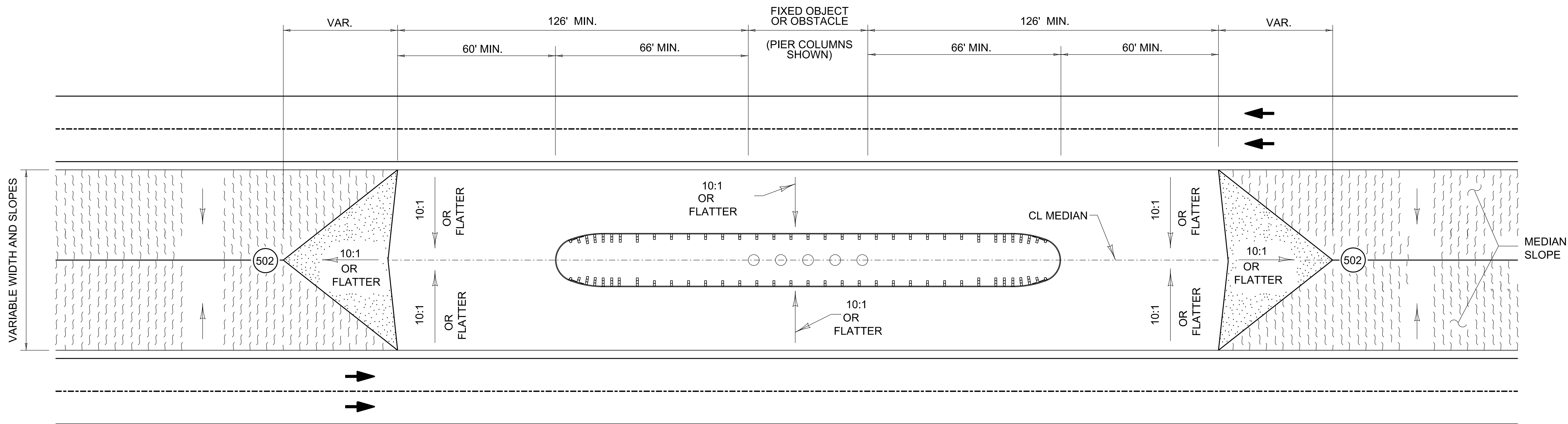
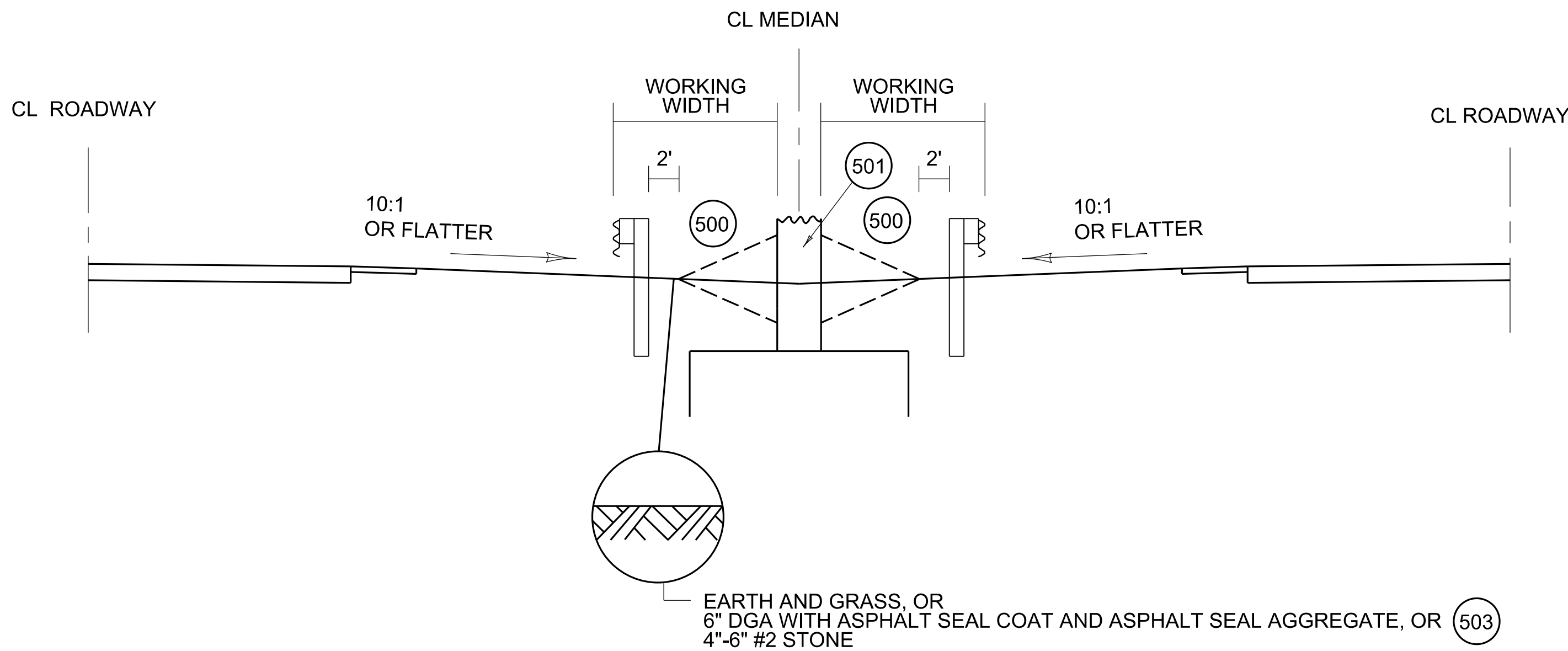




GRADING AT BULLNOSE

~ NOTES ~

- 500 MODIFIED THRIE-BEAM (BULLNOSE) MINIMUM WORKING WIDTH 4' - 6".
GUARDRAIL-STEEL W BEAM-S FACE MINIMUM WORKING WIDTH 5' - 0".
- GRADING FROM POST 1 TO POST 12 AND THE 60' LEADING OR TRAILING
THE THRIE-BEAM TERMINAL SHALL BE 10:1 OR FLATTER.
- GRADING BEYOND POST 12 MAY BE ADJUSTED FOR DRAINAGE, PROVIDED
THERE IS A MINIMUM OF 2' OF FILL BEHIND THE POSTS TO ENSURE
ADEQUATE SUPPORT FOR THE SYSTEM.
- 501 FIXED OBJECT OR OTHER OBSTACLE.
- 502 EVALUATE MEDIAN DRAINAGE AND ENSURE POSITIVE FLOW. INCLUDE
A DROP BOX INLET AND PIPING AS NEEDED, AND ENSURE THAT
ALL NECESSARY BID ITEMS ARE INCLUDED.
- 503 AT THE DISCRETION OF THE ENGINEER, MATERIAL CAN BE ANY OF THE FOLLOWING:
EARTH AND GRASS, OR
6" DGA WITH ASPHALT SEAL COAT AND ASPHALT SEAL AGGREGATE, OR
4"-6" #2 STONE
- 504 WHILE MEDIAN GRADING DETAIL DEPICTS SYMMETRICAL
THRIE-BEAM BULLNOSE TERMINAL, ALL GRADING REQUIREMENTS
APPLY TO ASYMMETRICAL THRIE-BEAM BULLNOSE TERMINALS ALSO.
- 505 GRADING QUANTITIES MUST BE CALCULATED
AND SHOWN AS BID ITEMS.



CROSS SECTION AT FIXED OBJECT

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

SUBMITTED *W. J. J. J.* 08-11-2025 DATE
DIVISION DIRECTOR
APPROVED *J. B. B.* 08-11-2025 DATE
STATE HIGHWAY ENGINEER

BARRIERS



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



STEEL THRIE-BEAM BULLNOSE TERMINAL

SHEET 005: GRADING AT BULLNOSE

STANDARD DRAWING NUMBER
RBE-210