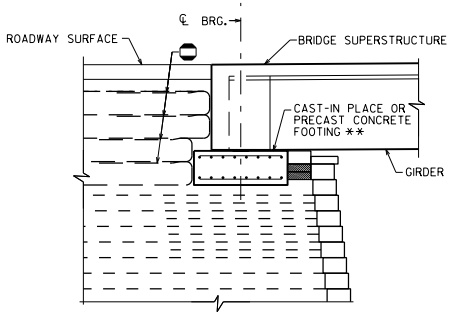
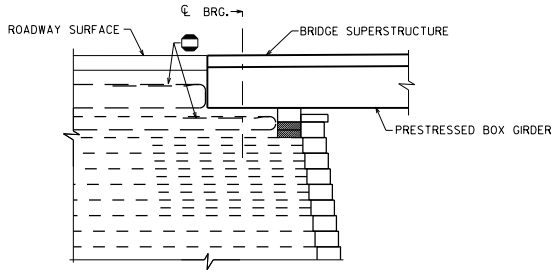


SECTION THRU ABUTMENT FOR GIRDERS



SECTION THRU ABUTMENT FOR PRESTRESSED BOX GIRDERS

NOTES

FRONT FACE OF 'ALIGNMENT KEYBLOCK' LOCATION TO BE HELD REGARDLESS OF ACTUAL MODULAR BLOCK SIZE OR GRS ABUTMENT BATTER.

4'-0" WRAP (TYP.)

INDICATES GEOSYNTHETIC REINFORCEMENT LAYER NUMBER. FOR LENGTHS, SEE 'GRS ABUTMENT INFORMATION' TABLE. SPACING OF GEOSYNTHETIC REINFORCEMENT LAYERS TO BE DESIGNED.

FULL HEIGHT BLOCK IS TYPICAL IN FRONT OF BEARING SEAT BUT A HALF HEIGHT BLOCK AND A SPECIAL EXPANDED POLYSTYRENE THICKNESS MAY BE REQUIRED IN SOME APPLICATIONS.

LIMITS OF GRS BACKFILL TO BE PAID FOR UNDER THE BID ITEM 'GEOSYNTHETIC REINFORCED SOIL ABUTMENT'

DESIGNER NOTES

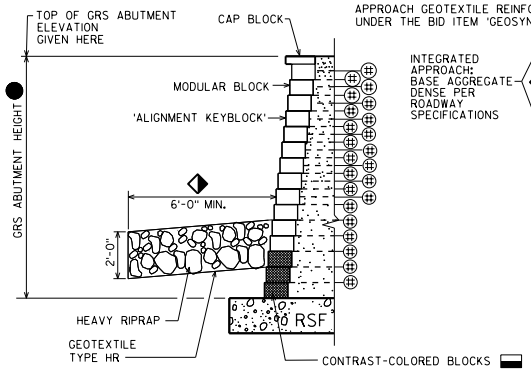
THE TOP OF THE CONTRAST-COLORED BLOCKS SHALL BE 2-3 BLOCK COURSES BELOW THE TOP OF RIPRAP ELEVATION.

DIMENSION TO BE DESIGNED

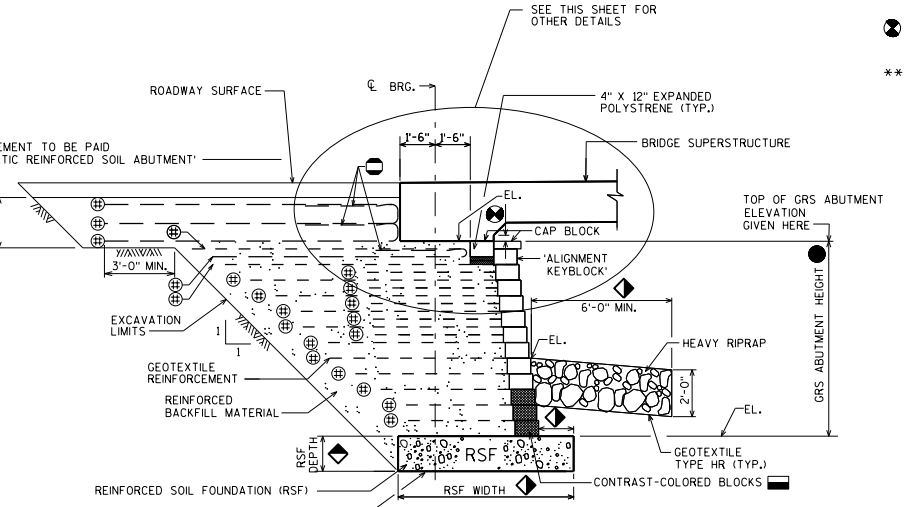
THE MINIMUM REQUIRED TENSILE STRENGTH OF THE GEOSYNTHETIC REINFORCEMENT SHALL BE SHOWN WITHIN THE SPECIAL PROVISION, 'GEOSYNTHETIC REINFORCED SOIL ABUTMENT'.

MINIMUM CLEAR SPACE SHALL BE 3" OR 2% OF GRS ABUTMENT HEIGHT, WHICHEVER IS GREATER. MINIMUM CLEAR SPACE SHALL BE SHOWN ON THE PLANS.

** CONCRETE SPREAD FOOTING TO BE DETERMINED PER DESIGN.



SECTION B-B



SECTION A-A
(SHOWING CAST-IN-PLACE SLAB)

SECTIONS A-A AND B-B ARE DETAILED ON STANDARD 7.01

GRS ABUTMENT INFORMATION

LAYER NUMBER	MINIMUM LENGTH* OF GEOTEXTILE (FT.)	EL. ±

*LENGTH MEASURED FROM FRONT FACE OF MODULAR BLOCK TO END OF GEOTEXTILE. (DOES NOT INCLUDE WRAPPED GEOTEXTILE WHERE APPLICABLE).

GRS ABUTMENT DETAILS

BUREAU OF STRUCTURES

APPROVED: Laura Shadewald

DATE: 7-18

STANDARD 7.02