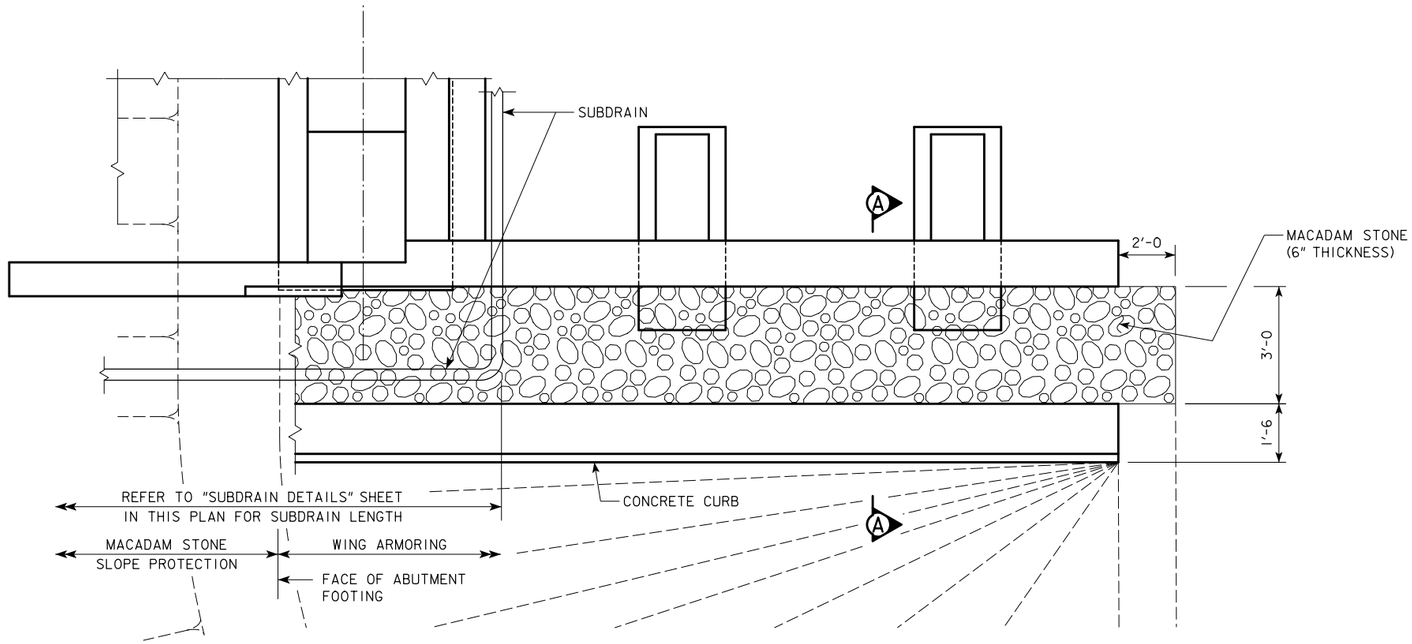
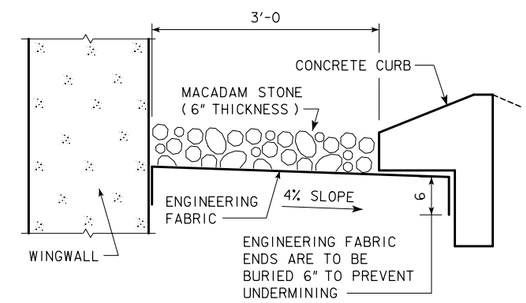
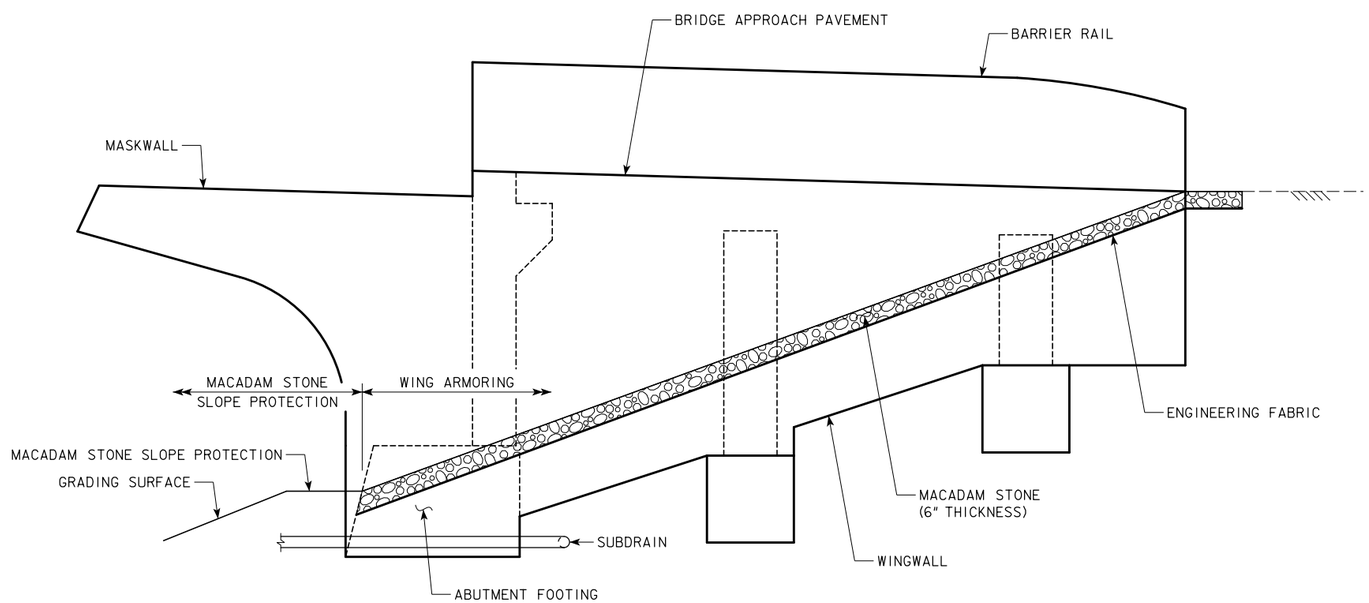


TOP VIEW OF WING ARMORING AT SOUTH ABUTMENT



SECTION A-A



PROFILE VIEW OF WING
ARMORING AT SOUTH ABUTMENT

GENERAL NOTES:

MACADAM STONE SHALL BE PLACED ALONG THE SIDE OF THE WINGWALL AND ABUTMENT FOOTING AS SHOWN IN SECTION A-A. THIS IS TYPICAL AT EACH CORNER OF THE SOUTH ABUTMENT. THE MACADAM STONE AT THESE LOCATIONS SHALL BE UNDERLAYED WITH ENGINEERING FABRIC IN ACCORDANCE WITH ARTICLE 4196.01, B, 3, OF THE STANDARD SPECIFICATIONS.

THE MACADAM STONE SHALL BE IN ACCORDANCE WITH SECTION 4122, OF THE STANDARD SPECIFICATIONS, COARSE MATERIAL (NO CHOKE STONE IS ALLOWED).

THE MACADAM STONE SHALL BE DEPOSITED, SPREAD, CONSOLIDATED AND SHAPED BY MECHANICAL OR HAND METHODS THAT WILL PROVIDE UNIFORM 6" DEPTH AND DENSITY AND PROVIDE UNIFORM SURFACE APPEARANCE.

PAYMENT FOR THE BRIDGE WING ARMORING WILL BE BID PER SQUARE YARD. COST WILL INCLUDE ENGINEERING FABRIC, MACADAM STONE, CONCRETE CURB AND REINFORCING, EXCAVATION, SHAPING, AND COMPACTION TO DIMENSIONS SHOWN IN THESE PLANS. BID ITEM SHALL BE "BRIDGE WING ARMORING - MACADAM STONE".

DESIGN FOR 0° SKEW ON 3,300' RADIUS CURVE

566'-6 X VARIES CONTINUOUS
WELDED GIRDER BRIDGE

171'-0, 226'-0, 169'-6 SPANS

BRIDGE WING ARMORING

STA. 2543+48.27 (℄ RAMP B) APRIL 2018

JOHNSON COUNTY

IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION

DESIGN SHEET NO. 29 OF 31 FILE NO. 30864 DESIGN NO. 420

REVISED 06-14 - ADDED 2 FEET OF LENGTH OF MACADAM STONE IN FRONT OF THE BRIDGE WING.
ENGLISHFORESLOPEPROTECTIONBRIDGES.DGN 1005 - THIS SHEET ISSUED 06-02.

DESIGN TEAM GMS/TLP/EES	BRIDGE WING ARMORING - CONCRETE OR MACADAM STONE SLOPE PROTECTION	STANDARD SHEET 1005 (MODIFIED)	JOHNSON COUNTY	PROJECT NUMBER IM-080-6(355)239--13-52	SHEET NUMBER 271