

A d d e n d u m

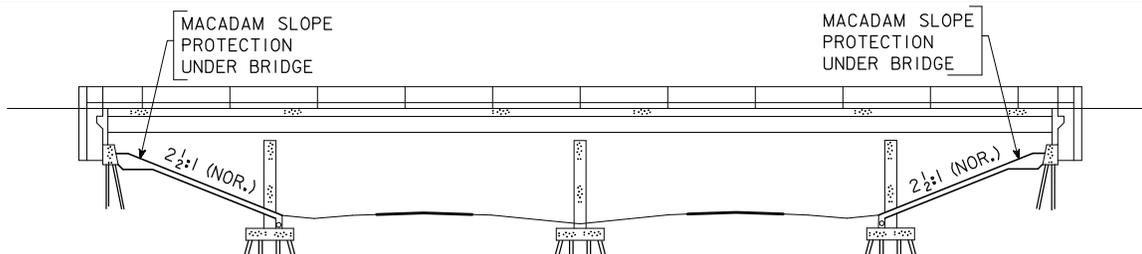
Iowa Department of Transportation
Office of Contracts

Date of Letting: December 15, 2015
Date of Addendum: December 9, 2015

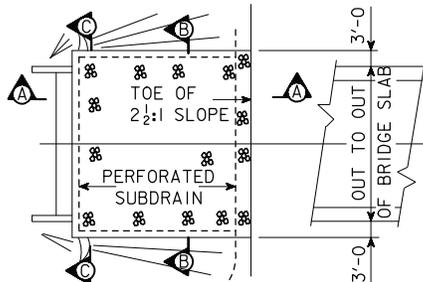
B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
301	07-3802-508	Slope Protection	Black Hawk	MBIN-380-2(508)73--0M-07	15DEC301.A01

Make the following changes to the PROPOSAL PLAN ATTACHMENTS:

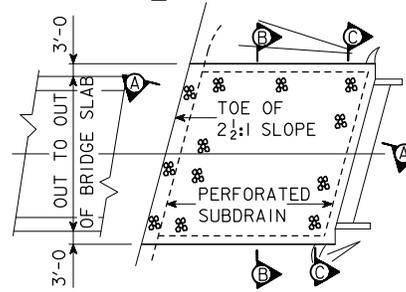
Replace Pages 2 of 6 thru 5 of 6 with the attached Pages 2 of 6 thru 5 of 6.



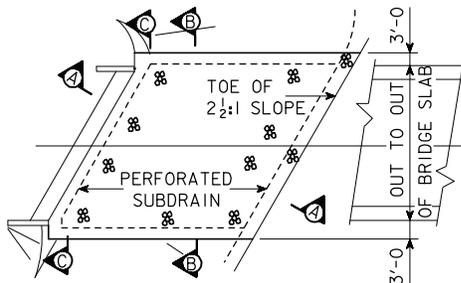
LONGITUDINAL SECTION ALONG CL ROADWAY



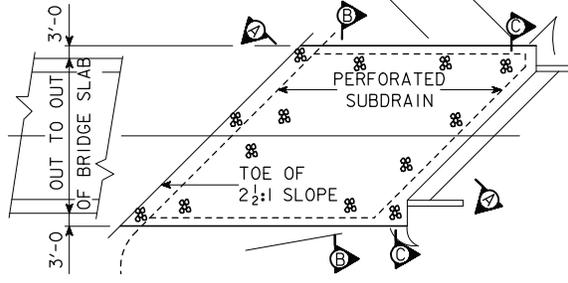
SLOPE PROTECTION LAYOUT 0° SKEW



SLOPE PROTECTION LAYOUT 15° SKEW



SLOPE PROTECTION LAYOUT 30° SKEW



SLOPE PROTECTION LAYOUT 45° SKEW

REMOVAL NOTES :

THE EXISTING CONCRETE SLOPE PROTECTION SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 2401 OF THE STANDARD SPECIFICATIONS. ANY DAMAGE TO ANY PARTS OF THE EXISTING STRUCTURE NOT TO BE REMOVED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE. ALL LABOR AND EQUIPMENT REQUIRED TO REMOVE AND DISPOSE OF THE EXISTING CONCRETE SLOPE PROTECTION AND ANY BACKFILLING OR REPAIR OF THE BERM THAT NEEDS TO TAKE PLACE BEFORE THE MACADAM STONE SLOPE PROTECTION CAN BE INSTALLED IS TO BE PAID FOR UNDER THE LUMP SUM BID ITEM "REMOVAL AS PER PLAN".

GENERAL NOTES :

THIS PLAN SHEET SHOWS DETAILS FOR PLACING A "MACADAM STONE SLOPE PROTECTION" UNDER OVERHEAD STRUCTURES.

THE BRIDGE BERM FORESLOPE SHALL BE COMPACTED AND SHAPED AS SHOWN ON THIS SHEET, SHAPING WILL INCLUDE EXCAVATION, FROM THE GRADING SURFACE SHOWN, THE SITUATION PLAN, AND AS DIRECTED BY THE ENGINEER. THE BERM FORESLOPE SHALL BE FIRM WHEN THE ENGINEERING FABRIC AND MACADAM STONE ARE PLACED.

THE ENGINEERING FABRIC SHALL BE IN ACCORDANCE WITH ARTICLE 4196.01, B, 3, OF THE STANDARD SPECIFICATIONS. IF THE ENGINEERING FABRIC IS LAPPED, THE LAPS SHALL BE A MINIMUM OF ONE FOOT IN LENGTH, SHINGLE FASHION WITH UP SLOPE LAP PIECE ON TOP AND STAPLED FOR CONTINUITY.

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

WOOD PRESERVATIVE TREATMENT FOR THE TIMBER EDGING SHALL MEET THE REQUIREMENTS FOR GUARDRAIL POSTS, SAWED FOUR SIDES, IN ACCORDANCE WITH SECTION 4161, OF THE STANDARD SPECIFICATIONS.

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

PAYMENT FOR "MACADAM STONE SLOPE PROTECTION" WILL BE MADE ON A SQUARE YARD BASIS FOR SLOPE PROTECTION CONSTRUCTED. THE UNIT PRICE BID PER SQUARE YARD SHALL INCLUDE ALL COSTS FOR MATERIAL AND LABOR REQUIRED TO CONSTRUCT THE SLOPE PROTECTION SHOWN ON THESE PLANS.

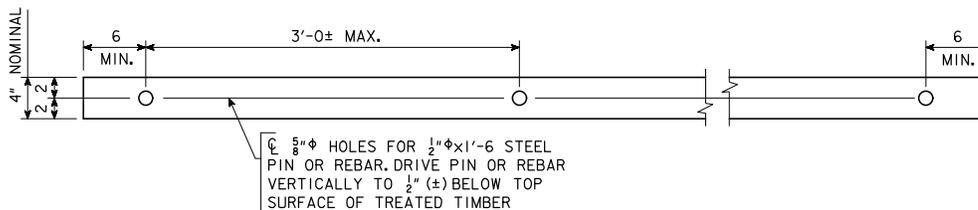
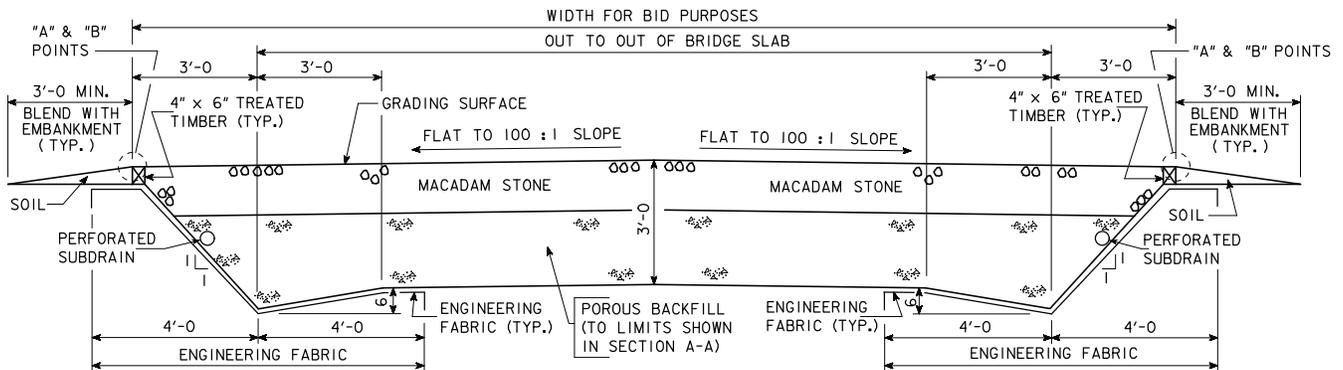
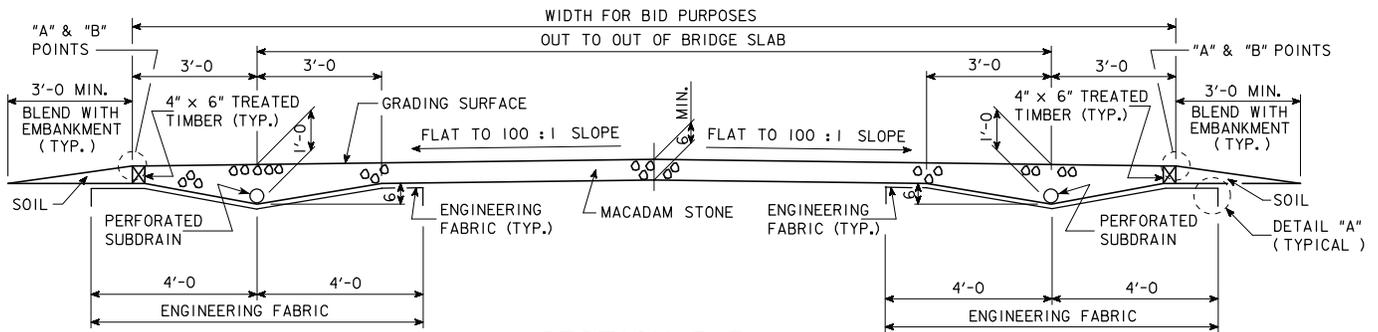
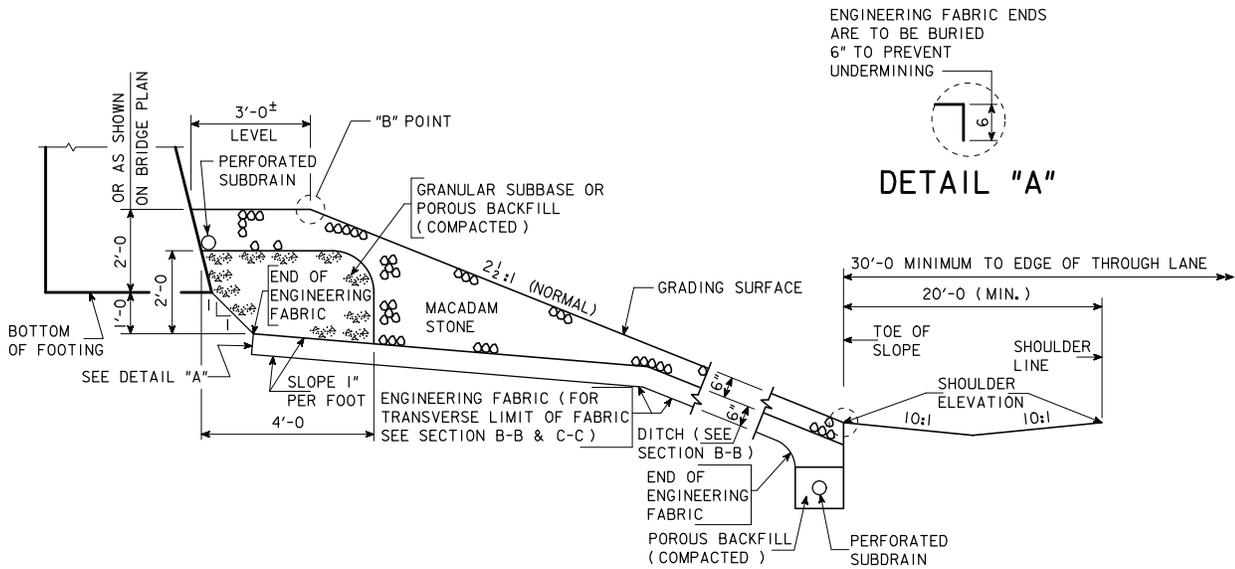
THE BERM FORESLOPE SHAPING AND COMPACTING AND THE DISPOSAL OF EXCESS SOIL FROM SHAPING OR TRENCHING SHALL BE CONSIDERED INCIDENTAL TO PLACING THE SLOPE PROTECTION.

WHERE EROSION CONTROL WORK HAS BEEN COMPLETED THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PLANT MATERIALS DESTROYED ADJACENT TO THE SLOPE PROTECTION AREA. THE CONTRACTOR SHALL REPLANT, RESEED AND REMULCH ALL DISTURBED AREAS, DESIGNATED BY THE ENGINEER, IN ACCORDANCE WITH SECTION 2601, OF THE STANDARD SPECIFICATIONS, AT THE CONTRACTOR'S EXPENSE.

ITEMS TO BE INCLUDED IN "MACADAM STONE SLOPE PROTECTION":

- EXCAVATING, SHAPING AND COMPACTING
- ENGINEERING FABRIC
- MACADAM STONE
- 4" x 6" TREATED TIMBER EDGING
- 1/2" Φ STEEL PINS (OR REBARS)
- POROUS BACKFILL OR GRANULAR SUBBASE BACKFILL AT FRONT FACE ABUTMENT FOOTING

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SUBDRAIN NOTES :

THIS PLAN SHEET SHOWS DETAILS FOR PLACING ALL SUBDRAINS AND SUBDRAIN OUTLETS REQUIRED FOR THIS STRUCTURE.

THE SUBDRAINS SHALL BE 4" IN DIAMETER AND SHALL BE IN ACCORDANCE WITH ARTICLE 4143.01, B, OF THE STANDARD SPECIFICATIONS. THE SUBDRAIN OUTLET SHALL CONSIST OF A 6'-0 LENGTH OF PIPE WITH A REMOVABLE RODENT GUARD AS DETAILED ON THIS SHEET.

THE COST OF FURNISHING AND PLACING SUBDRAIN(INCLUDING EXCAVATION), GRANULAR BACKFILL, POROUS BACKFILL, AND SUBDRAIN OUTLET IS TO BE INCLUDED IN THE PRICE BID "MACADAM STONE SLOPE PROTECTION". NO EXTRA PAYMENT WILL BE MADE. IF THE CONTRACTOR HAS TO MAKE ADJUSTMENTS IN THE FIELD AND RUN THE SUBDRAIN OUTLET TO AN EXISTING STORM SEWER INTAKE, THE CONTRACTOR SHALL PERFORM SUBDRAIN WORK IN ACCORDANCE TO ROAD STANDARD DR-303. DUE TO FIELD ADJUSTMENTS OF THE GRADING LAYOUT, THE UPHILL END OF THE PERFORATED SUBDRAIN AT THE TOE OF SLOPE PROTECTION SHALL BE CAPPED AS APPROVED BY THE ENGINEER. THE POUROUS BACKFILL AND SUBDRAIN ARE TO BE CARRIED AROUND PIER COLUMNS IF THE COLUMN PLACEMENT INTERFERES WITH ALIGNMENT OF SUBDRAIN AS SHOWN ON THIS SHEET.

EROSION CONTROL :

FOLLOWING COMPLETION OF WORK ON THIS PROJECT; SEEDING, FERTILIZING AND MULCHING OF ALL DISTURBED AREAS SHALL BE DONE AS DIRECTED BY THE ENGINEER.

SEEDING:
3 LBS. OF FESQUE, KENTUCKY 31 OR FAWN PER 1000 SQ. FT.

FERTILIZER:
17 LBS. OF 13-13-13 (OR EQUIVALENT) COMMERCIAL FERTILIZER PER 1000 SQ. FT.

MULCH:
70 LBS. OF DRY CEREAL STRAW PER 1000 SQ. FT. ALL MULCH TO BE CONSOLIDATED INTO SOIL WITH THE MULCH STABILIZER.

THE PREPARATION OF THE SEEDBED, FURNISHED AND APPLICATION OF SEED, FERTILIZER AND MULCH TO ALL DISTURBED AREAS ON THIS PROJECT SHALL BE CONSIDERED INCIDENTAL TO WORK ON THIS PROJECT AND NO EXTRA COMPENSATION WILL BE ALLOWED.

