

STRUCTURE FASCIA GIRDER SHOWN. REAR ABUTMENT - LEFT STRUCTURE AND FORWARD ABUTMENT - RIGHT STRUCTURE SIMILAR)

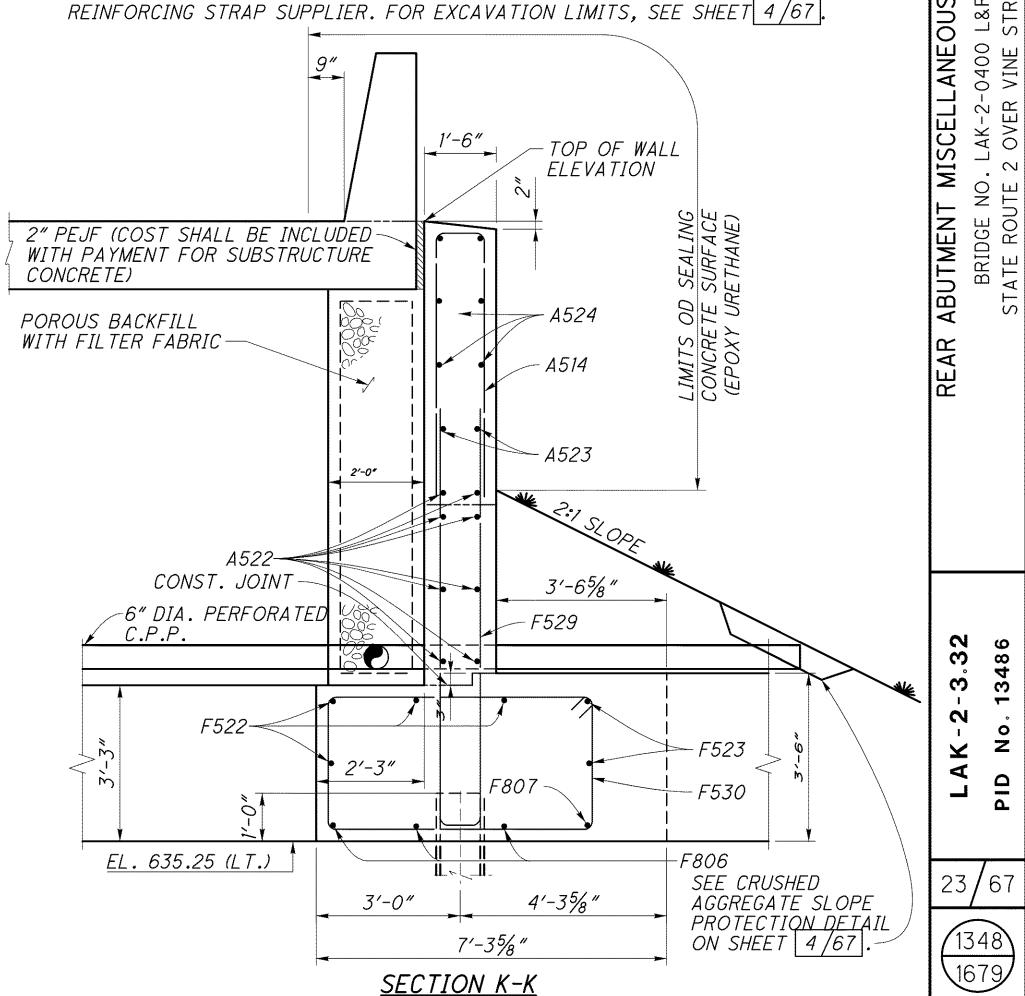
SOIL REINFORCING STRAP BACKFILL PAY LIMITS 1'-6" 2'-6" 6" CONCRETE -APPROACH SLAB (T=17") DECK SLAB LEGEND: & BEARING ITEM 840 SELECT GRANULAR BACKFILL (SGB) ITEM 203 EMBANKMENT (SEE ROADWAY PLANS FOR QUANTITY AND PAYMENT) - 759 000000 LAMINATED -ELASTOMERIC BEARING WITH GRANULAR MATERIAL, TYPE C (PER SUPPLEMENTAL SPECIFICATION 840) ₽₽OROUS BACKFILL WITH LOAD PLATE FILTER FABRIC (TURN UP 6" AGAINST BACKWALL) 3'-0" WIDE NEOPRENE WATERPROOFING (CENTERED ALONG JOINT) CONC. SLOPE PROTECTION, SEE SHEET 2/67 A808 EXPANDED POLYSTYRENE JOINT FILLER. COST SHALL F515 FOR LIMITS. BE INCLUDED WITH PAYMENT SOIL REINFORCING FOR SUPERSTRUCTURE CONCRETE. STRAP (SEE NOTE 4) 6" DIA. PERFORATED (707.33, TYPE SP) * -F510 F501 ---F902 (SECTION D-D) F901 (SECTION J-J) EL. 635.25 (LT F903 (SECTION D-D) F901 (SECTION J-J) -6" DIA. PERFORATED -CONST. JOINT C.P.P. (707.33, TYPE SP)* ₽ HP12x53 PILES -1'-0" GRANULAR MATERIAL, TYPE C (SECTION D-D ONLY) 1'-6" 3'-3" 1'-6" 6'-3" (SEE NOTE 9) SECTION D-D

SECTION J-J

FORWARD ABUTMENT - RIGHT STRUCTURE SIMILAR)

LEGEND

- * MINIMUM SLOPE OF PIPE IS 1/8 IN./FT.
- ** PROVIDE SEISMIC SIDE RETAINERS ON BOTH SIDES OF BEARINGS AT GIRDERS 2, 3, & 4 (LEFT STRUCTURE) AND GIRDERS 7, 8, & 9 (RIGHT STRUCTURE). COST SHALL BE INCLUDED WITH BEARINGS FOR PAYMENT.
- *** PROVIDE BEARING RETAINERS ON ACUTE ANGLE SIDE OF BEARINGS AT GIRDERS 1, C, D, & 5 (LEFT STRUCTURE) AND GIRDERS 6, L, M, & 10 (RIGHT STRUCTURE). COST SHALL BE INCLUDED WITH BEARINGS FOR PAYMENT.
- 1. ADJUST REINFORCING STEEL IN THE VICINITY OF THE BRIDGE SEAT AS REQUIRED TO AVOID INTERFERENCE WITH THE DRILLING OF BEARING RETAINER OR SEISMIC RETAINER ANCHOR HOLES OR THE PRE-SETTING OF BEARING RETAINER OR SEISMIC RETAINER ANCHORS.
- 2. 1½" DIAMETER×12" LONG ANCHOR BOLTS WITH NUT AND 4"x4"x1/2" SQUARE PLATE WASHER WITH 1¾" DIAMETER HOLES, TO BE FIELD DRILLED AND GROUTED WITH AN EPOXY NON-SHRINKING GROUT, 705.20, IN 13/4 "x10" DEEP HOLES.
- 3. FOR ADDITIONAL ABUTMENT RETAINER DETAILS, SEE O.D.O.T. STANDARD DRAWINGS SICD-1-96.
- 4. LIMITS OF STRAPS AND SELECT GRANULAR BACKFILL SHALL EXTEND FOR THE FULL LENGTH OF ABUTMENT SEAT. THE CONTRACTOR WITH VENDER'S APPROVAL SHALL ADJUST STRAPS AS REQUIRED TO MISS DRAIN PIPE. FOR ADDITIONAL DESIGN REQUIREMENTS SEE PROPR<u>IETARY</u> SOIL REINFORCING STRAPS FOR ABUTMENTS GENERAL NOTE ON SHEET 5 /67 AND SUPPLEMENTAL SPECIFICATION 840.
- FACE OF ABUTMENT 5. POROUS BACKFILL WITH FILTER FABRIC 2 FEET THICK SHALL EXTEND UP TO THE PLANE OF THE SUBGRADE TO 1 FOOT BELOW THE EMBANKMENT SURFACE, AND LATERALLY TO THE ENDS OF THE WING WALLS.
 - 6. FOR ADDITIONAL NEOPRENE SHEETING NOTES AND DETAILS, SEE O.D.O.T. STANDARD DRAWINGS SICD-1-96.
 - 7. FOR LOCATION OF SECTIONS D-D, J-J, AND K-K, SEE SHEETS 18/67 THUR 22/67
 - 8. FOR LIST OF ABBREVIATIONS, SEE SHEET 4/67.
 - 9. ESTIMATED QUANTITIES FOR SOIL REINFORCING STRAP BACKFILL MATERIAL AND DRAINAGE PIPE LOCATIONS ARE BASED ON AN ASSUMED 20'-0" SOIL REINFORCING STRAP LENGTH. THE MINIMUM STRAP LENGTH SHALL BE 10'-0" TO ALLOW FOR PLACEMENT OF BACK DRAIN PIPE. THE ACTUAL QUANTITIES SHALL BE BASED ON INTERNAL STABILITY CALCULATION PERFORMED BY THE PROPRIETARY SOIL



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BRINCKERHOFF DOUGLAS, INC.

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DETAILS

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