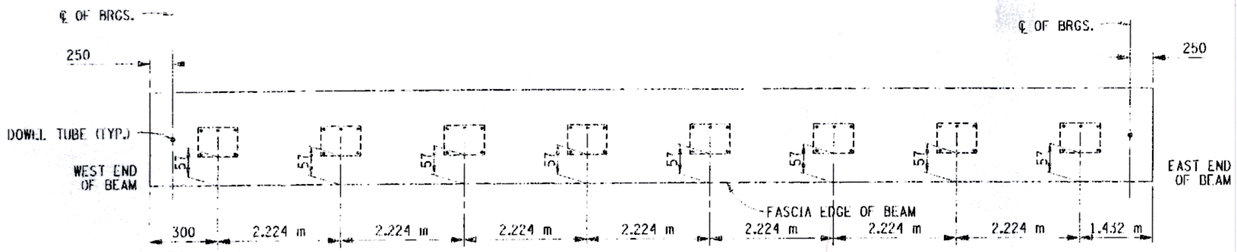
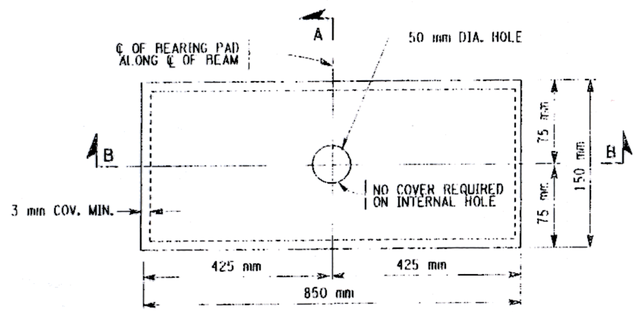
AS BUILT: NO REVISIONS 9/2003

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.		34	43

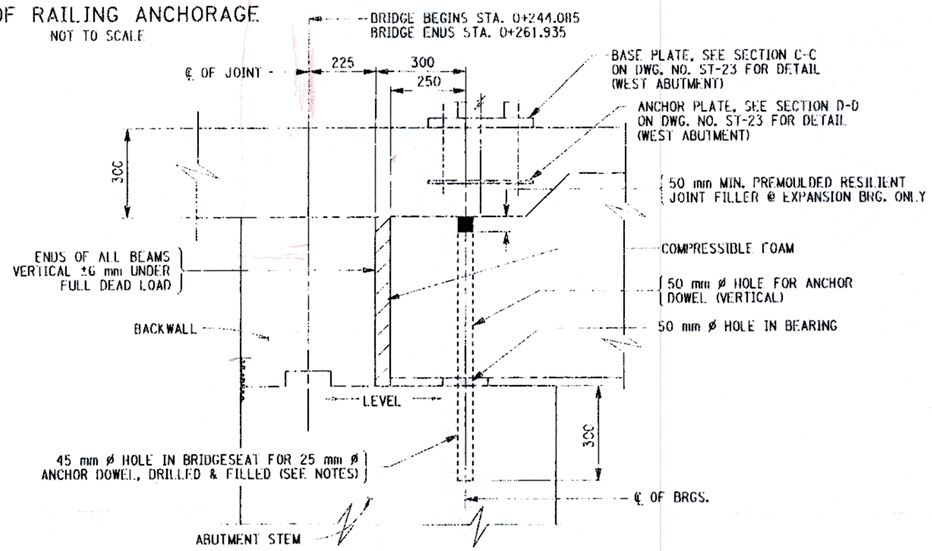
COUNTY ROAD 18 OVER POULTNEY RIVER
WASHINGTON COUNTY, NY / RUTLAND COUNTY, VT
TOWN OF HAMPTON, NY / POULTNEY, VT
CAPITAL PROJECT IDENTIFICATION NO. 1753.76



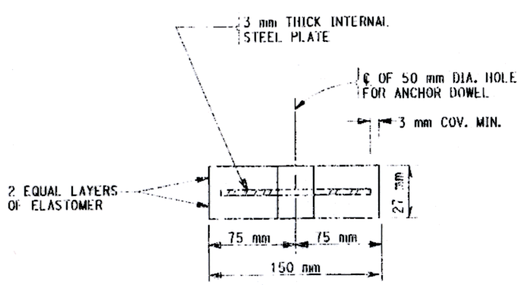
PLAN OF RAILING ANCHORAGE
NOT TO SCALE



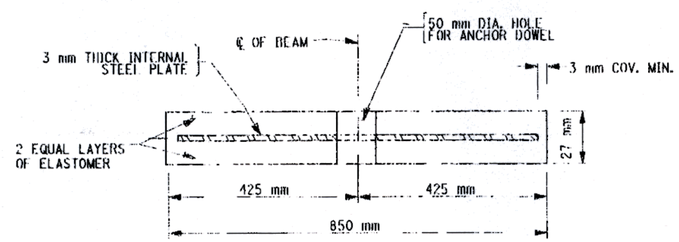
TYPICAL RECTANGULAR
STEEL LAMINATED ELASTOMERIC BEARING (TYPE E.L.)
PLAN
NOT TO SCALE



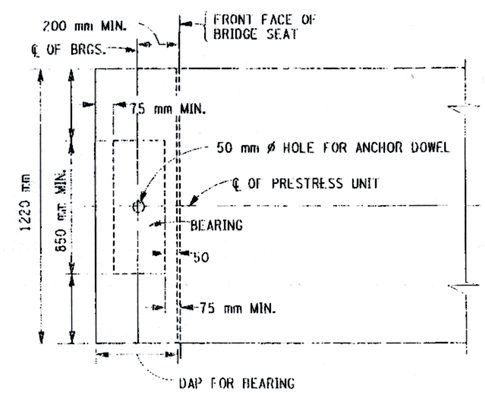
PARTIAL SECTION AT ABUTMENT
NOT TO SCALE



SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE



BEARING PLACEMENT DETAILS
NO SKEW
NOT TO SCALE

NOTES:

PREMOULDED RESILIENT JT. FILLER SHALL MEET THE REQUIREMENTS OF 705-07 AND BE PAID FOR UNDER BEARING ITEM.

THE ENDS OF BEAM AND ANCHOR DOWEL HOLES SHALL BE MADE VERTICAL ± 6 mm, UNDER D.L. AND GRADE. ANCHOR DOWELS TO BE PAID FOR UNDER BEARING ITEM. DOWEL HOLE FILL MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ELASTOMERIC BEARING ITEM AND SHALL MEET MATERIAL REQUIREMENTS AS FOLLOWS:

EXPANSION END MATERIAL OPTION:

N.Y.S. MAT. SPEC. 702-0700 - ASPHALT FILLER
FED. MAT. SPEC. SS-S-00195B - ELASTOMERIC POLYMER TYPE, TWO-COMPONENT COLD APPLIED
FED. MAT. SPEC. SS-S-002000 - ELASTOMERIC POLYMER TYPE, TWO COMPONENT JET FUEL RESISTANT, COLD APPLIED

FIXED END MATERIAL OPTION:

**N.Y.S. MAT. SPEC. 721 03 - EPOXY POLYSULFIDE GROUT WITH SAND
**N.Y.S. MAT. SPEC. 721-01 - EPOXY RESIN SYSTEM WITH SAND
N.Y.S. MAT. SPEC. 701-05 - CONCRETE GROUTING MATERIAL
N.Y.S. MAT. SPEC. 701-06 - CEMENT BASED GROUT MATERIALS FOR SHEAR KEYS

** - MOISTURE FREE, SANDBLAST SAND SHALL BE ADDED IN THE RATIO OF (1) PART EPOXY TO (2) PARTS SAND.

INSTALLATION ALIGNMENT:

THE MAXIMUM VARIATION FROM PERFECT ALIGNMENT UNDER FULL DEAD LOAD SHALL NOT EXCEED 4 mm. THIS VARIATION SHALL BE MEASURED AS THE HORIZONTAL DISTANCE BETWEEN THE CENTERLINE OF THE HIGHEST ELASTOMER SURFACE AND THE CENTERLINE OF THE LOWEST ELASTOMER SURFACE.

CONCRETE SURFACES UNDER THE BEARINGS SHALL CONFORM TO SUBSECTION 565-3.02 "CONCRETE BEARING SURFACE PREPARATION" OF THE NEW YORK STATE STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS.

STEEL LAMINATED ELASTOMERIC BEARING (TYPE E.L.) TABLE

LOCATION	FIX/ EXP.	ITEM NO.	QUANTITY REQUIRED	D.L. + S.D.L. (kN)	L.L. WITHOUT IMPACT (kN)	TOTAL DESIGN REACTION (kN)	SHAPE FACTOR	ELASTOMER LAYERS THK/LAYER	N LAYERS	L	W	h_{rt} (mm)	COMP. AREA (sq. mm)	SHEAR AREA (sq. mm)	BRG. H	ANCHOR DOWEL DIAMETER
WEST ABUTMENT	EXP.	565.1922M	10	154.7	142.2	296.9	4.85	12	2	150	850	24	125,540	125,540	27	25 mm
EAST ABUTMENT	FIX	565.1922M	10	154.7	142.2	296.9	4.85	12	2	150	850	24	125,540	125,540	27	25 mm

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED

AS BUILT REVISIONS

Lawrence E. Stevens 9/2003
SIGNATURE DATE

COUNTY ROAD 18 OVER POULTNEY RIVER

ELASTOMERIC BEARING AND BOX BEAM ANCHOR DOWEL/MISC. DETAILS

WASHINGTON COUNTY
DEPARTMENT OF PUBLIC WORKS

EARTH TECH

FILENAME	REGION	DATE	DRAWING NO.
175376AA.Z1A	ONE	3/2002	ST-18

FILE NAME = H:\work\42087\CADD\As5uxis\175376ee.zie
DATE/TIME = 11/24/2003 , 10:09:53 AM
USER = RJN

DESIGN SUPERVISOR TJC | JOB MANAGER TJC | DESIGNED BY EKT | CHECKED BY LAK | ESTIMATED BY EKT | DRAFTED BY RJM | REVIEWED BY EKT