14-APR-2004 08:45
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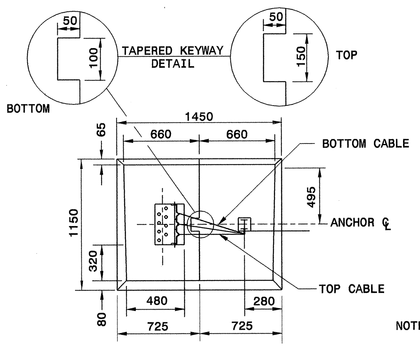
ericward AT DS212260

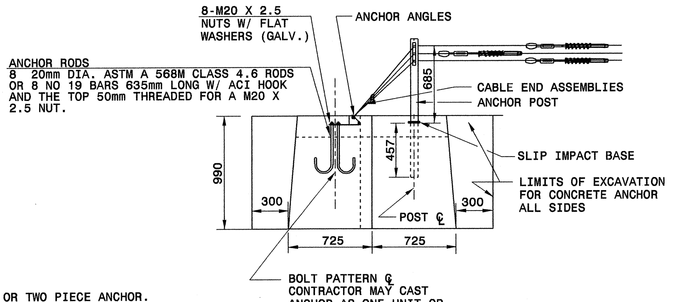
6/10/95

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

METRIC DETAIL DRAWING FOR
CABLE GUIDERAIL
ANCHOR DETAILS



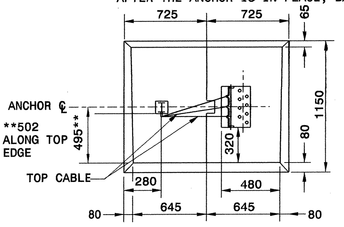
ANCHOR UNIT DETAIL
TOP VIEW LEFT HAND
(REINFORCEMENT NOT SHOWN)
TWO PIECE



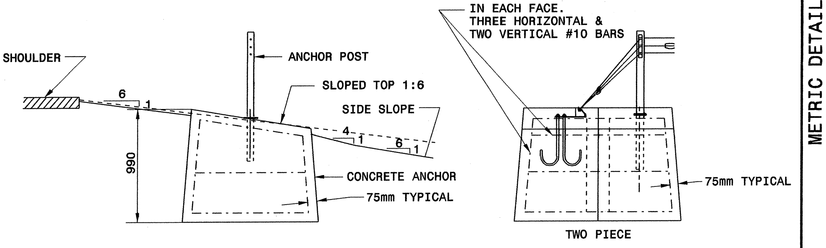
ANCHOR UNIT DETAIL
LEFT HAND
(REINFORCEMENT NOT SHOWN)

NOTE: USE ONE OR TWO PIECE ANCHOR. DIMENSIONS OF TWO PIECE ANCHOR ARE SHOWN ON DRAWING. DIMENSIONS OF ONE PIECE ANCHOR ARE 1.50m LONG BY 0.90m WIDE BY 1.00m HIGH.

NOTE: SET THE CONCRETE ANCHOR INTO THE EXCAVATION AS DETAILED. THE BOTTOM OF THE ANCHOR MUST HAVE A FULL AND EVEN BEARING ON THE SURFACE UNDER IT SO THAT IF THE CONTRACTOR ELECTS TO PLACE THE ANCHOR IN TWO SECTIONS, THERE WILL BE LITTLE OR NO DIFFERENTIAL SETTLEMENT. IF THE CONTRACTOR ELECTS TO PLACE THE ANCHOR IN TWO SECTIONS, PLACE THE TOPS OF BOTH SECTIONS ON THE SAME PLANE. AFTER THE ANCHOR IS IN PLACE, BACKFILL THE EXCAVATION.



ANCHOR UNIT DETAIL
TOP VIEW RIGHT HAND
(REINFORCEMENT NOT SHOWN)
TWO PIECE



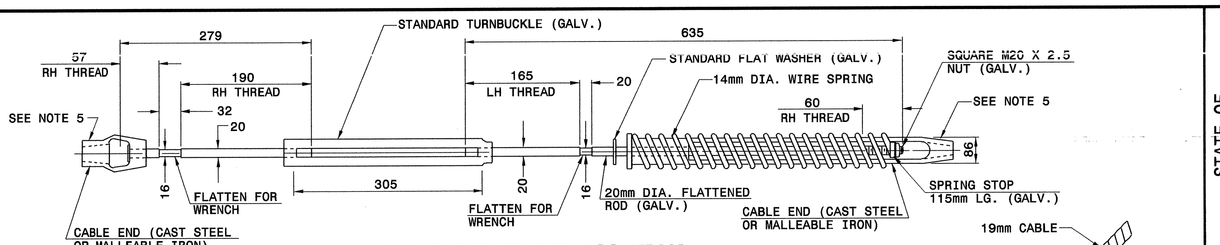
ANCHOR UNIT & RE-BAR INSTALLATION DETAIL

Note:
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

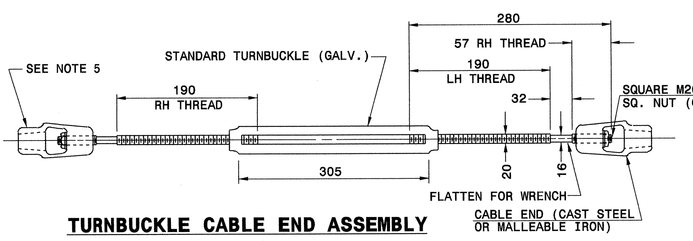
SHEET 9 OF 11
865D01

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

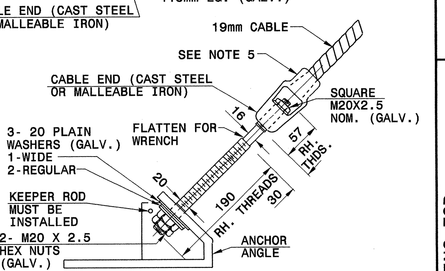
METRIC DETAIL DRAWING FOR
CABLE GUIDERAIL
ANCHOR DETAILS



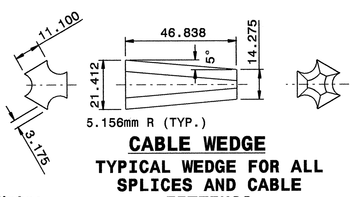
SPRING CABLE END ASSEMBLY
(COMPENSATING DEVICE)



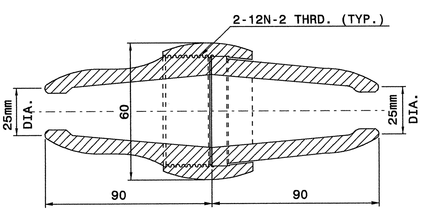
TURNBUCKLE CABLE END ASSEMBLY



CABLE END ASSEMBLY TO
ANCHOR ANGLE DETAIL



CABLE WEDGE
TYPICAL WEDGE FOR ALL SPLICES AND CABLE FITTINGS



CABLE SPLICE
NOTE: USE WITH WEDGE

WASHER

WASHER	WASHER SERIES	A INSIDE DIA. mm	B OUTSIDE DIA. mm	C THICKNESS mm
20	REGULAR	22.00	50.00	4.00
	WIDE	22.00	65.50	4.80
12	NARROW	13.50	25.4	2.4

Note:
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

SHEET10 OF 11
865D01

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

METRIC DETAIL DRAWING FOR
CABLE GUIDERAIL
ANCHOR DETAILS

SHEET10 OF 11
865D01

DESIGN SERVICES UNIT
STANDARDS AND SPECIAL DESIGN
Office 919-250-4128 FAX 919-250-4119

ORIGINAL BY: 2002 STANDARDS DATE: 1-15-02
MODIFIED BY: E.E. WARD DATE: 4-07-04
CHECKED BY: C.B. Howard DATE: 4-14-04
FILE SPEC.: [ust]std02stds to details\metric\8650l\0865d01.dgn

SEE PLATE FOR TITLE

PROJECT REFERENCE NO. R-2552C
SHEET NO. 2-A
METRIC