GENERAL NOTES

SPECIFICATIONS:
STANDARD ROAD AND BRIDGE SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION. (CURRENT EDITION)

DESIGN SPECIFICATIONS:
AASHTO (CURRENT EDITION) WITH ADDENDA.

CONCRETE:
SHALL BE CLASS 'A' F'C = 3,000 P.S.I. SEE STANDARD SPECIFICATIONS.

REINFORCING STEEL: SEE STANDARD SPECIFICATIONS.

7 2 FINISHING CONCRETE SURFACES:
A CL TEXTURE FINISH SHALL BE USED IN LIEU OF A CLASS II FINISH. SEE STANDARD SPECIFICATIONS. THE COLOR OF THE FINISH SHALL BE SIMILAR TO WHITE, FEDERAL SPECIFICATION NO. 37886, FEDERAL COLOR NO. 595a, AND A COLOR SAMPLE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. PAYMENT FOR THE APPLIED TEXTURE FINISH SHALL BE UNDER ITEM NO. 705-10.29.

3 DETAILS OF GUARDRAIL:
SHALL CONFORM TO STANDARD DRAWING S-GR-SERIES, EXCEPT FOR DETAILS SHOWN ON THIS SHEET

PROFILE OF GUARDRAIL AND PARAPET:
SHALL CONFORM TO ROADWAY GRADE.

1 GRAVEL BASE:
FOR COMPACTED GRAVEL BASE SEE SECTION 903.05 OF THE STANDARD SPECIFICATIONS. THE AGGREGATE SHALL CONFORM TO SIZE 68, 7 OR 8.

1

ESTIMATED QUANTITIES
FOR 8'-0" ENDPOST WITH FOOTING (EACH)

CLASS 'A' CONCRETE C.Y.	EPOXY COATED REINFORCING STEEL LB.	TEXTURED COATED FINISH (NEW) S.Y.
2.2	525	5.6

3 SEE SECTION 'D' - 'D' ON DRAWING NO. SBR-2-130.

ESTIMATED QUANTITIES
FOR BARRIER WALL (LINEAR FOOT)

CLASS 'A' CONCRETE C.Y.	EPOXY COATED REINFORCING STEEL LB.	TEXTURED COATED FINISH (NEW) S.Y.
0.28	52	0.70

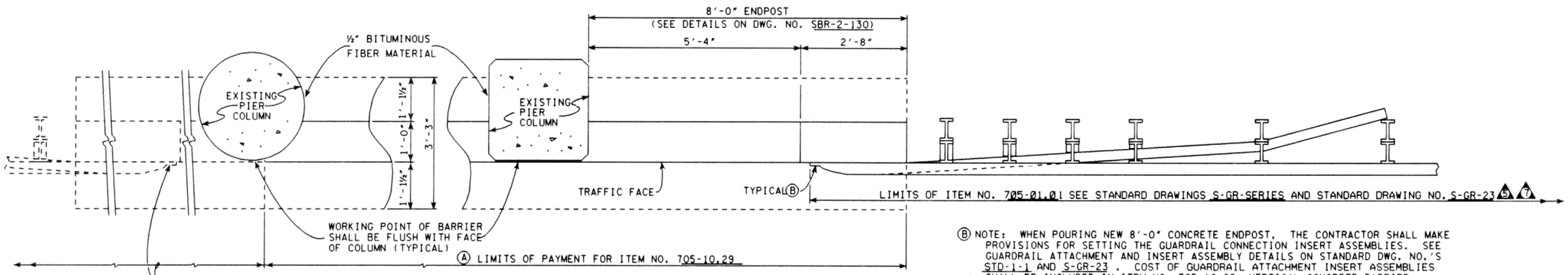
3 SEE SECTION 'C' - 'C' ON DRAWING NO. SBR-2-130.

3 NOTE: ESTIMATED QUANTITIES SHOWN INCLUDE ALL LABOR AND MATERIALS NECESSARY TO POUR THE NEW 8'-0" CONCRETE ENDPOST AND BARRIER WALL AS SHOWN IN DETAILS THESE DRAWINGS (SBR-2-129 AND SBR-2-130). COST SHALL BE INCLUDED IN ITEM NO. 705-10.29, VERTICAL CONCRETE BARRIER FOR BRIDGE PIERS, LIN. FT.

PROJECT NO.	YEAR	SHEET NO.
	1988	

REVISIONS

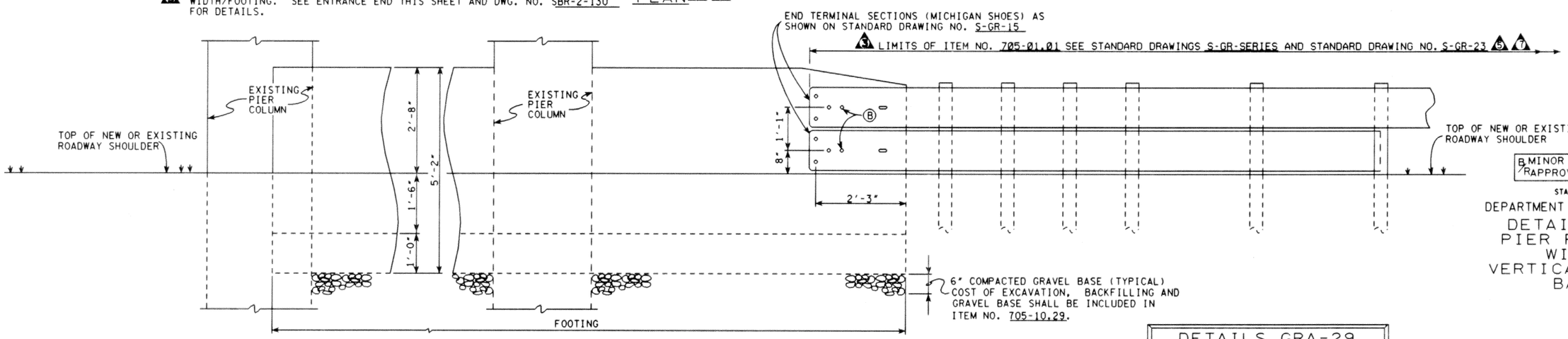
	NO.	DATE	BY	BRIEF DESCRIPTION
	1	5-26-89	WMM	REVISED ENDPOST AND NOTES
	2	11-15-90	WMM	REVISED NOTES
	3	11-16-92	WMM	REVISED DRAWING NUMBERS
B/R	4	12-2-94	TQ	REVISED DRAWING NUMBERS
B/R	5	2-23-95	TQ	REVISED GENERAL NOTES, NOTES & REMOVED SIGNATURES
B/R	6	1-4-96	TQ	REVISED BR DRAWING NO. TO SBR DRAWING NO.
B/R	7	11-05-01	WS	REVISED ITEM NUMBERS



A NOTE: TERMINATION OF BARRIER WALL FOR PAYMENT LENGTH SHALL BE SHOWN ON ROADWAY PLANS. WHEN TWO (2) WAY TRAFFIC IS PRESENT THE EXIT END SHALL BE FORMED WITH A 8'-0" ENDPOST WITH COLUMN WIDTH/FOOTING. SEE ENTRANCE END THIS SHEET AND DWG. NO. SBR-2-130 FOR DETAILS. 3

PLAN 1 3

B NOTE: WHEN POURING NEW 8'-0" CONCRETE ENDPOST, THE CONTRACTOR SHALL MAKE PROVISIONS FOR SETTING THE GUARDRAIL CONNECTION INSERT ASSEMBLIES. SEE GUARDRAIL ATTACHMENT AND INSERT ASSEMBLY DETAILS ON STANDARD DWG. NO.'S STD-1-1 AND S-GR-23. COST OF GUARDRAIL ATTACHMENT INSERT ASSEMBLIES SHALL BE INCLUDED IN ITEM NO. 705-10.29, VERTICAL CONCRETE BARRIER FOR BRIDGE PIERS, LIN. FT. 4 3 2 5



ELEVATION
(SHOWING VERTICAL CONCRETE BARRIER WALL WITH 8'-0" ENDPOST)

B/R MINOR REVISION - FHWA APPROVAL NOT REQUIRED

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DETAIL SHOWING PIER PROTECTION WITH NEW VERTICAL CONCRETE BARRIER 1988

DETAILS GRA-29
ITEM NO. 705-10.29
LINEAR FEET

DESIGNED BY		DATE	
DRAWN BY	KIM FRANKENFIELD	DATE	9-92
SUPERVISED BY	GENTRY & McINTURFF	DATE	9-92
CHECKED BY	McINTURFF	DATE	

5 3 6 SBR-2-129