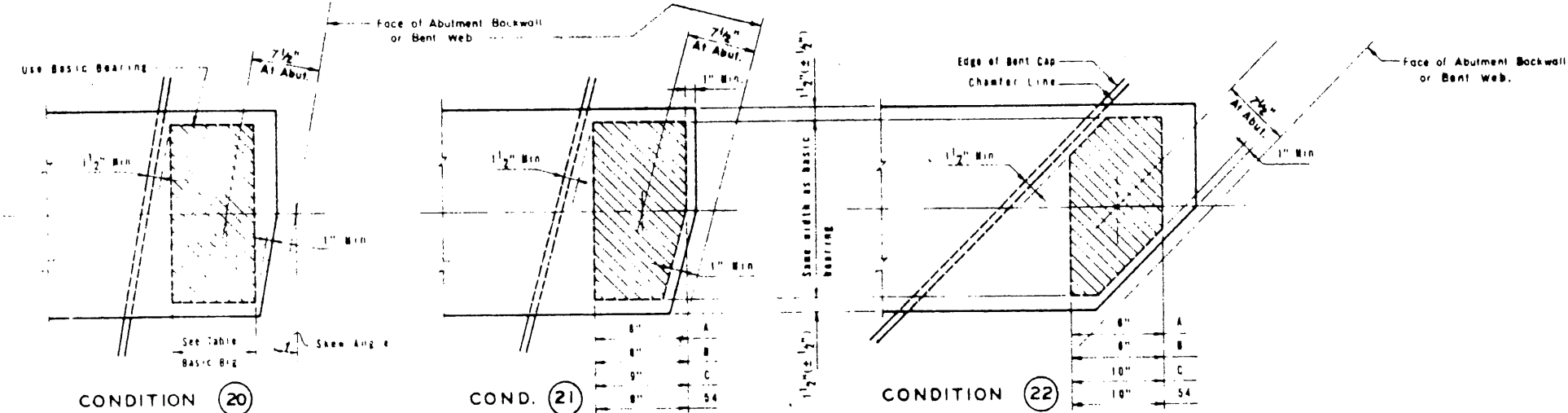
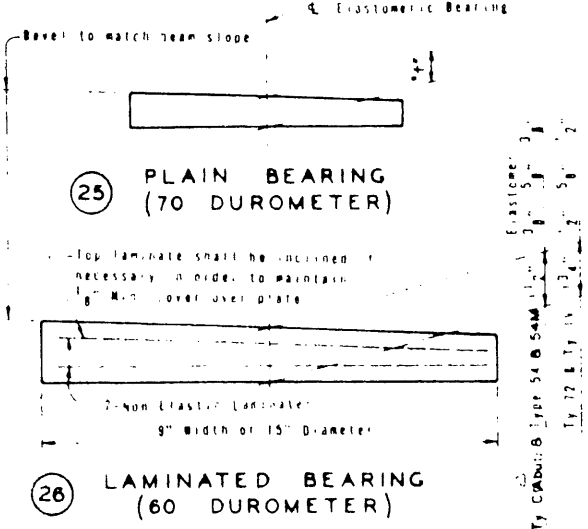


DETAILS OF BEAM ENDS



DETAILS OF ELASTOMERIC BEARINGS



BASIC BEARINGS			
BM TYPE	SIZE	THICKNESS "t"	DESCRIPTION
A	8" X 14" X 3/4"		PLAIN
C (ABUT)	9" X 19" X 1 1/2"		LAMINATED
C (BENT)	9" X 19" X 1"		PLAIN
54	9" X 14" X 1 1/2"		LAMINATED
54M	9" X 16" X 1 1/2"		LAMINATED
IV	9" X 22" X 1 3/4"		LAMINATED

BEARINGS FOR BEVELED BEAM ENDS				
BM TYPE	CONDITION 20	CONDITION 21	CONDITION 22	
A	0° THRU 20°	20° THRU 30°	OVER 30°	
C (ABUT)	0° THRU 10°	10° THRU 20°	20° THRU 55°	
C (BENT)	0° THRU 10°	10° THRU 20°	20° THRU 50°	
54	0° THRU 10°	10° THRU 25°	OVER 25°	
54M	0° THRU 10°	10° THRU 25°	NOT APPLICABLE	
IV	0° THRU 8°	NOT APPLICABLE	NOT APPLICABLE	

GENERAL NOTES

Beams shall be seated on elastomeric bearings of the dimensions shown.

Bearings shall be furnished with their thickness varying in one direction depending on the slope of the beveled beam to 5% grades.

Constant thickness bearings may be used for moderate beam slopes if the variation is within the allowable dimensional tolerances given in the specifications.

Cost of furnishing and installing elastomeric bearing shall be included in unit price bid for "Prestressed Concrete Beams".

REPRODUCED FROM
 TEXAS STATE DEPARTMENT OF HIGHWAYS
 AND PUBLIC TRANSPORTATION
 STANDARD DRAWING Gp B
 4-71

Details 11, 12, 13, & 15 Added	TCB	10-83
Note Change	EHC	3-83
Bearing Pad Dimensions	GDR	1-83
TEXAS TURNPIKE AUTHORITY		
DALLAS NORTH TOLLWAY		
PRESTRESSED CONCRETE BEAMS		
BEAM ENDS & BEARINGS		
HNTB		SECTION VI
MEMBER ASSOCIATION OF CONSULTING ENGINEERS		
THD 4-71	THD 4-71	
GDR 3-6-83	NOTE	
STANDARD DRAWING NO. 24		

CONTRACT NO. DMT-114

004155