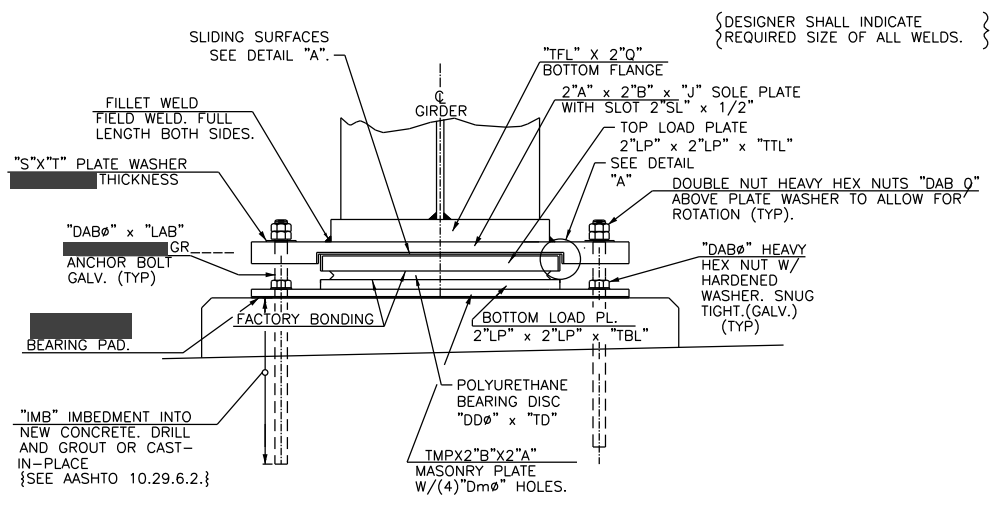
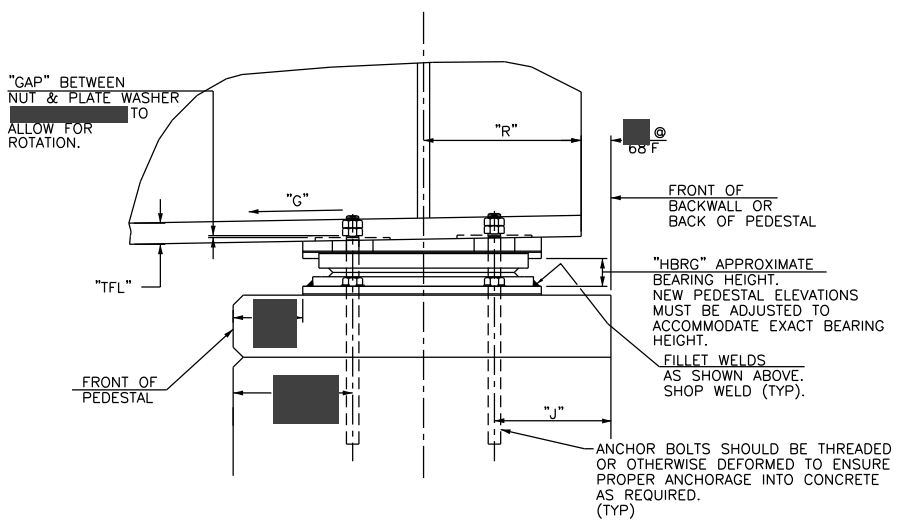


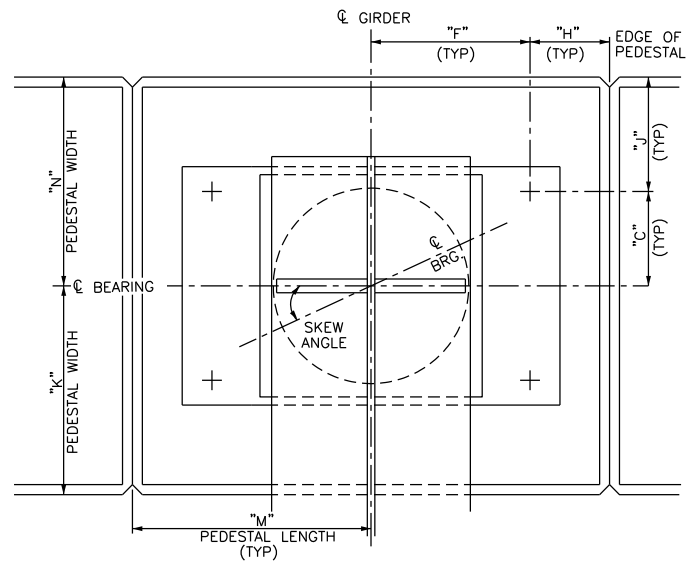
PLAN VIEW



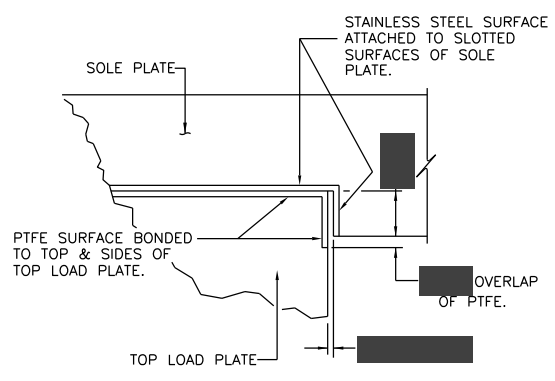
SECTION A-A



SIDE VIEW



TYPICAL BEARING ANCHOR BOLT LAYOUT



DETAIL "A"

MULTI-ROTATIONAL DISC-TYPE BEARING NOTES:

EXPANSION BEARING INSTALLATION AND ALIGNMENT: THE SOLE PLATE SHALL BE SET ACCORDING TO THE TABLE BELOW. THE DISC BEARING COMPONENTS AND MASONRY PLATE SHALL NOT BE OFFSET FROM THE CENTERLINE OF BEARING STIFFENER BY MORE THAN ONE-HALF THE THICKNESS OF THE FLANGE AT THAT LOCATION, OR THE THICKNESS OF THE BEARING STIFFENER, WHICHEVER IS THE LESSER DISTANCE LONGITUDINALLY FROM THE CENTERLINE OF THE BEARING STIFFENER.

THE {CONTRACTOR, FABRICATOR OR THRUWAY AUTHORITY, WHICHEVER IS APPLICABLE} SHALL SUPPLY MULTI-ROTATIONAL BRIDGE BEARINGS CONFORMING TO THE REQUIREMENTS OF THE BEARING ITEM SHOWN AND SUBJECT TO THE FOLLOWING CONDITIONS:

1. THE BEARING DEVICES SUPPLIED SHALL BE CAPABLE OF TRANSMITTING THE LOADS AND MOVEMENTS SHOWN ON THESE PLANS.
2. THE HEIGHT OF THE BEARING BETWEEN THE SOLE PLATE AND THE MASONRY PLATE REPRESENTS THE ASSUMED TOTAL HEIGHT OF THE BEARING MECHANISM USED BY THE DESIGNER TO ESTABLISH CONCRETE DIMENSIONS. THE CONTRACTOR SHALL RECOMPUTE ALL TOP OF PEDESTAL ELEVATIONS TO ACCURATELY REFLECT THE HEIGHT OF BEARINGS SUPPLIED.
3. THE MASONRY PLATES SHOWN HAVE BEEN DESIGNED TO SUIT TYPICAL BEARINGS FOR THE DESIGN LOADS AND MOVEMENTS SHOWN. THE ALLOWABLE CONCRETE BEARING STRESS SHALL BE

WHERE

EXPANSION BEARING SETTING TABLE					
TEMP. (F°)	Δ TO MEAN	TEMP. CORR.(IN.)	"A"	ELONG. CORR.(IN.)	"B"
120°	75°				
105°	60°				
90°	45°				
75°	30°				
60°	15°				
MEAN 45°	-	-			
30°	15°				
15°	30°				
0°	45°				
-15°	60°				
-30°	75°				

- "A" = DISTANCE FROM FRONT EDGE OF PAD TO FRONT EDGE OF SOLE PLATE WITH BEAM AND DIAPHRAGM LOADS ON BEAM.
- "B" = DISTANCE FROM FRONT EDGE OF PAD TO FRONT EDGE OF SOLE PLATE WITH ALL DEAD LOADS AND SUPERIMPOSED DEAD LOADS ON BEAM.
- ELONGATION IS DUE TO DEFLECTION.
- DEFLECTION IS DUE TO DL & SDL EXCLUDING BEAM & DIAPHRAGM LOADS.

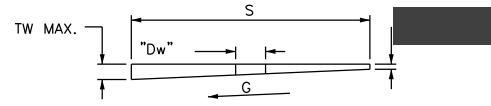
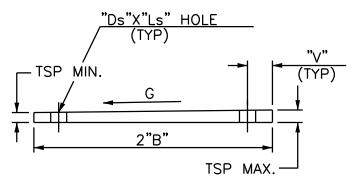


PLATE WASHER DETAIL



SOLE PLATE DETAIL

SOLE PLATE											TOP LOAD PLATE		BOTTOM LOAD PLATE	
SL	A	B	C	V	E	F	G	TSP MIN.	TSP MAX.	DsxLs**	LP	TTL	LP	TBL
#	#	#	#	#	#	#	#	#	#	#	#	#	#	#

POLYURETHANE DISC		PIN		MASONRY PLATE							
DD Ø	TD	DP Ø	P	A	B	C	V	E	F	Dm Ø	TMP
#	#	#	#	#	#	#	#	#	#	#	#

ANCHOR BOLTS			ASSUMED BEARING HEIGHT	SKEW ANGLE	PEDESTAL							FLANGE		
IMB	DABØ	LAB	HBRG		C	F	H	J	K	N	M	Q	R	TFL
#	#	#	#	#	#	#	#	#	#	#	#	#	#	#

PLATE WASHER				
GAP	S (LENGTH)	T (WIDTH)	TW MAX.	DwØ
#	#	#	#	#

{ NOTE: "{ }" INDICATES NOTES TO DESIGNER. DO NOT INCLUDE IN CONTRACT DRAWINGS. }

PE STAMP & SIGNATURE ARE REQUIRED ON THIS SHEET.

DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT TITLE OF PROJECT LINE 1 TITLE OF PROJECT LINE 2			
LOCATION OF PROJECT LOCATION OF PROJECT LINE 1 LOCATION OF PROJECT LINE 2			
TITLE OF DRAWING MULTI-ROTATIONAL DISC-TYPE EXPANSION BEARING DETAILS			
		CONTRACT NUMBER:	TA
		DATE:	6/10
		DRAWING NUMBER:	*

CHECKED BY: IA

DRAFTED BY: IA

DESIGNED BY: IA

IN CHARGE OF: IA