N	OTES:	
١.	ELASTOMERIC BEARINGS SHALL CONFORM TO SECTION 408 OF THE NJTA STANDARD SPECIFICATIONS.	
2.	ALL PLATES, KEEPER ANGLES AND PINS SHALL BE ASTM A709, GRADE 36, 50, OR 50W. STEEL SURFACES OF BEARING ASSEMBLIES SHALL BE COATED IN ACCORDANCE WITH THE STANDARD SUPPLEMENTAL SPECIFICATIONS. BEARINGS FOR STEEL SUPERSTRUCTURES SHALL BE PAINTED. BEARINGS FOR CONCRETE SUPERSTRUCTURES SHALL BE GALVANIZED OR ZINC METALIZED. ANY DAMAGE TO THE GALVANIZED SURFACES SHALL BE REPAIRED IN ACCORDANCE WITH ASTM A780.	LOCATION
3.	STEEL LAMINATES SHALL BE ASTM A709,A36 OR AIOII GRADE 36. SMOOTH AND DEBURR CUT STEEL PLATES BY GRINDING.GRIT BLAST AND DEGREASE ALL STEEL PLATES.DO NOT GALVANIZE OR METALIZE STEEL LAMINATES.	* ONE WA ** HEIGHT
4.	FULLY THREADED ANCHORS AND HEX HEADED ANCHOR BOLTS SHALL CONFORM TO ASTM F1554, GRADE 105. SWEDGED ANCHOR BOLTS WITH THREADED ENDS MAY BE SUBSTITUTED AT THE APPROVAL OF THE ENGINEER. THREADED COUPLER NUTS SHALL BE HEAVY HEX NUTS CONFORMING TO ASTM A563, GRADE A OR SHALL BE FABRICATED FROM APPROVED MATERIAL. WASHERS SHALL CONFORM TO ASTM F436. ANCHOR BOLTS, COUPLER NUTS, NUTS AND WASHERS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A153. ANY DAMAGE TO THE GALVANIZED IN ACCORDANCE WITH ASTM A153. ANY DAMAGE TO THE GALVANIZED IO? MT (SEE NOTE 13)	TO SOLE
5.	MASONRY PLATES SHALL BE PROVIDED FOR ALL BEARING ASSEMBLIES. A	
6.	SOLE PLATES SHALL BE BEVELED AS NECESSARY TO ACCOMMODATE THE (SEE NOTE 13) VERTICAL GEOMETRY OF THE SUPERSTRUCTURE. THE SOLE PLATE SHALL BE BEVELED IF THE LONGITUDINAL GRADE OF THE BOTTOM FLANGE IS 1% OR MORE OR IF THE REQUIRED BEVEL IS $\frac{1}{8}$ " OR MORE. UNDER FULL DEAD LOAD, THE ELASTOMERIC PAD AND THE BOTTOM OF THE SOLE PLATE SHALL BE TRUE LEVEL. A MINIMUM THICKNESS OF $\frac{1}{2}$ " AT THE CENTER LINE OF THE BEARINGS SHALL BE MAINTAINED.	
7.	DETAILS OF KEEPER ANGLES AND STIFFENER PLATES WHERE REQUIRED BY DESIGN SHALL BE INCLUDED IN THE CONTRACT PLANS.SEE THE CONTRACT PLANS FOR DETAILS.	
8.	LAMINATED ELASTOMERIC BEARING PADS SHALL BE VULCANIZED TO THE BEVELED SOLE AND MASONRY PLATES DURING FABRICATION. WHERE SIZE OR GEOMETRY OF THE BEVELED SOLE OR MASONRY PLATES MAKE VULCANIZATION IMPRACTICAL, AT THE PERMISSION OF THE ENGINEER, THE CONTRACTOR MAY VULCANIZE THE ELASTOMERIC BEARINGS TO LOAD PLATES. THE LOAD PLATES SHALL THEN BE SHOP WELDED TO THE SOLE AND MASONRY PLATES. THE USE OF OPTIONAL LOAD PLATES, ASSOCIATED WELDING, AND ANY REQUIRED ADJUSTMENT TO THE SUBSTUCTURE BEARING SEAT ELEVATION(S) SHALL BE AT NO ADDITIONAL COST TO THE AUTHORITY.	N DIA. BEARING TAE
9.	THE CONTRACTOR SHALL PROTECT THE BEARINGS FROM DAMAGE DUE TO SHEAR DEFORMATION OF BEARING PADS CAUSED BY THE APPLICATION OF THE GIRDER SELF-WEIGHT AND DECK DEAD LOAD. THE METHOD OF PROTECTION SHALL BE DEFINED IN THE BEARING INSTALLATION SCHEME AND SUBMITTED AS A SHOP DRAWING IN ACCORDANCE WITH SECTION 104.08 OF THE STANDARD SPECIFICATIONS.	
10.	THE FILLET WELD BETWEEN THE BOTTOM FLANGE AND THE SOLE PLATE SHALL BE MADE AFTER THE DECK HAS BEEN POURED AND THE BEARINGS HAVE BEEN SET INTO FINAL POSITION. THIS WELD SHALL BE MADE WHEN THE AMBIENT TEMPERATURE IS BETWEEN 40°AND 80°F. IF THE CONTRACTOR ELECTS TO INSTALL BEARINGS WHEN THE AMBIENT TEMPERATURE IS OUT OF THIS ALLOWABLE RANGE AN INSTALLATION PROCEDURE FOR RESETTING THE BEARINGS WHEN THE TEMPERATURE IS WITHIN THIS RANGE OR DEFORMING THE BEARINGS SO THAT THEY PERFORM AS IF THEY WERE SET AT 68°F SHALL BE REQUIRED.	
11	WELDING PROCEDURES, OVERALL FABRICATION METHODS AND QUALITY INSPECTION PROCEDURE SHALL BE INCLUDED AS A WRITTEN PROCEDURE WITH THE SHOP DRAWING SUBMISSION.	(A)-
12.	WELDING SHALL BE IN ACCORDANCE WITH CURRENT ANSI/AASHTO/AWS BRIDGE WELDING CODE DI.5, WITH LATEST AASHTO REVISIONS. MT INDICATES MAGNETIC PARTICLE TESTING.	IXED BE
13.	THE SIZE OF THE WELDS BETWEEN THE BOTTOM FLANGE AND SOLE PLATE AND BETWEEN THE SOLE OR MASONRY PLATE AND THE LOAD PLATE SHALL BE AS SHOWN IN THE CONTRACT PLANS. UNLESS OTHERWISE NOTED, MINIMUM WELD SIZE SHALL BE $\frac{1}{6}$ ". THE TRANSVERSE JOINTS BETWEEN THE BOTTOM FLANGE AND THE SOLE PLATE SHALL BE FILLED WITH A NON-HARDENING CAULK COMPOUND IN ACCORDANCE WITH SECTION 923.05 OF THE STANDARD SPECIFICATIONS.	BEVELED PLATE STEEL TE (TYP.)
14.	THE WELD SHALL BE ALLOWED TO COOL AFTER EACH PASS. THE TEMPERATURE OF THE STEEL ADJACENT TO THE ELASTOMER SHALL NOT EXCEED 200°F. TEMPERATURE SHALL BE CONTROLLED BY THE WELDING PROCEDURES AND TEMPERATURE INDICATING CRAYONS OR OTHER DEVICES SUCH AS PYROMETRIC STICKS AS APPROVED BY THE ENGINEER. QUENCHING TO ACCELERATE COOLING IS NOT PERMITTED.	AYERS,
15.	ANCHOR BOLTS MAY BE SET IN FORMS PRIOR TO POURING OF THE SUBSTRUCTURE CONCRETE OR SET IN OVERSIZED (3" DIAMETER MAX.) CORRUGATED METAL SLEEVES PREVIOUSLY PLACED. ANCHOR ROD HOLES MAY BE CORE DRILLED OR STAR DRILLED ONLY AS APPROVED BY THE ENGINEER. WASH AND DRY HOLE BEFORE FILLING WITH RESIN OR EPOXY GROUT IN ACCORDANCE WITH SUBSECTION 403.09(B) OF THE STANDARD SPECIFICATIONS. DRILLED HOLE DIAMETER SHALL BE AS PER EPOXY GROUT OR RESIN MANUFACTURER RECOMMENDATIONS.	IN. DIA. PIN F READED FUL MASONRY PL NG ALLOWED TYPICAL
16.	DESIGN OF THE EMBEDDED PLATE, PIN PLATE, WELDED STUDS AND COUNTERSUNK SCREWS SHALL BE THE AS SHOWN IN THE CONTRACT PLANS.	AD AND
17.	ELASTOMERIC BEARINGS WITH ANGLES BETWEEN & BEARING AND & GIRDER OTHER THAN 90° SHALL BE AS SHOWN IN THE CONTRACT PLANS.	(EXPANSION
18.	DESIGN OF THE PTFE/S.S. SLIDING SURFACE SHALL BE AS SHOWN IN THE CONTRACT PLANS. A TABLE PROVIDING THE INITIAL OFFSET FROM CENTERLINE FOR VARIOUS INSTALLATION TEMPERATURES SHALL BE PROVIDED.	

