

DESIGN SPECIFICATIONS

DESIGN PROCEDURES

ABUTMENT/PIER DESIGNED TO RESIST THE VEHICULAR COLLISION FORCE.

NAME	VERSION	RELEASE DATE	NAME	VERSION	RELEASE DATE

PERMANENT LOADS

TRANSIENT LOADS

EXTREME EVENT LOADS

FOOTING DESIGN LOADS

PILE DESIGN LOADS

NOMINAL AXIAL RESISTANCE $R_n = X$ kips
 AXIAL RESISTANCE FACTOR $\phi = 1.0$
 FACTORED AXIAL RESISTANCE $\phi R_n = xxx$ kips
 MAX. APPLIED AXIAL LOAD $Q = xx$ kips
 MIN. APPLIED AXIAL LOAD $Q = xx$ kips
 LATERAL RESISTANCE FACTOR $\phi = 1.0$
 FACTORED LATERAL RESISTANCE $\phi R_n = xx$ kips
 FACTORED LATERAL APPLIED LOAD $\gamma V = xx$ kips

R E V I S I O N S				DESIGNED	SCALES SHOWN	ORIGINAL SIGNED BY:	IDAHO TRANSPORTATION DEPARTMENT		English	DESIGN AND GENERAL NOTES 1 OF 2		BRIDGE PLANS	
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	ARE FOR 34" X 22" PRINTS ONLY					PROJECT NO.	PRECAST, P/S GIRDER BRIDGE RAILROAD BRIDGE	BRIDGE LRFD MANUAL, PAGE B17.1A	
				DETAILED	CADD FILE NO.							COUNTY	KEY NO.
				DWG. CHECKED	\\prj00000\bridge\ b17_lo.dgn							BRIDGE DRAWING NO.	SHEET
				CORRECTIONS	DRAWING DATE:							OF	
					APR 2008								
							DATE SIGNED: <u>DATE</u>						
							INTERNAL STORED AT ITO BRIDGE SECTION						