PLATE GIRDER

E7290M

	RUN NO.	DATASET NAME, DESCRIPTION, PROJECT, ETC.
H		

	SEQ NO.	LIVE LOAD CODE NO. (01)	FLAN PLTS TO 1mm	N RATIO LIVE (09)	N RATIO DEAD (X3)	STEEL CODE A36M A572M A588M (A588M)	PLATE RATIOS: WEB DEPTH /THICK (COMP)	PLATE RATIOS: FLANGE WIDTH /THICK (COMP)	END OF GIRDER DETAILS: BEARING TO END STL mm (100)	END OF GIRDER DETAILS: BEARING TO END SLAB mm (150)	END OF GIRDER DETAILS: WEIGHT END DIAPH kN (5.34)	FIX BEARING STIFFNR WIDTH mm (COMP)	SUPSTR WIND AREA HEIGHT m	SER/LOAD FACT	STRESS CYCLES
C							*	*			*		*		

A	MOM NO.	ACTUAL MOMENTS kN-m (ENTER DEC. PT. IF REQD) DEAD LOAD NON-COMP	DEAD LOAD COMP	LIVE LOAD SIDEWALK	LIVE LOAD TRK/LANE

E	BEAM SECTN	CONCRETE SLAB mm. LEFT ACTUAL WIDTH	RIGHT ACTUAL WIDTH	ACTUAL DEPTH	BUILDUP mm WIDTH	DEPTH	DEAD LOADS kN/m EXTRA NON-COMP	STEEL EXTRAS	COMP PR/WS ETC.	LIVE LOAD SDWLK kN/m	WHEEL DISTRIB FACTORS MOM	SHEAR	DEFLC	SECTION DESCRIPTION	A OR B
I							*	*	*	*	*	*	*		

CODE	LIVE LOAD	CODE	LIVE LOAD
1	HS20	5	HS10
2	H20	6	H10
3	HS15	7	RR
4	H15	8	NONE

CODE	STRESS CYCLES
T	2×10^6
X	5×10^5

CODE	STIFFENERS
O	NONE
V	VERTICAL

	DESIGN NO.	DESIGN SPAN m	BEAM SECTN *	WD & NCOM*	STIF = V	ACTUAL MOM A*	NO. FLANGES	NO. DESIGNS	WEB INCRMT	DIAPH SPACG DIAPH (6)	FIX WEB DEPTH mm	FIX WEB THICK mm	THIN WEB BY mm	THIN WEB DIST. FROM C/L m (SPAN/4)	FIX TOP FLANGE WIDTH mm	FIX TOP FLANGE THICKNESS C/L mm	FIX TOP FLANGE THICKNESS PLT 2 mm	FIX TOP FLANGE THICKNESS PLT 3 mm	FIX BOTTOM FLANGE WIDTH mm	FIX BOTTOM FLANGE THICKNESS C/L mm	FIX BOTTOM FLANGE THICKNESS PLT 2 mm	FIX BOTTOM FLANGE THICKNESS PLT 3 mm	FIX END PLTS C/L TO PLT 2 m	FIX END PLTS C/L TO PLT 3 m	GET MOM & SHRS C/L TO SPECIAL POSITION 1	GET MOM & SHRS C/L TO SPECIAL POSITION 2
Q		*								*				*									*	*	*	*

*CODE	WD & NCOM (COL II Q-CARD)
	NON COMPOSITE
N	NO LATERAL BRACING (STD)
A	WITH LATERAL BRACING
B	

OCTOBER 1985