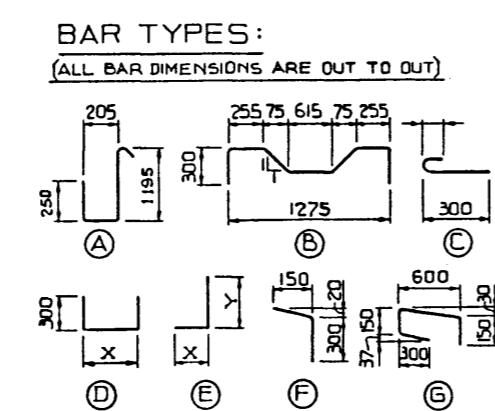


BAR LIST: FOR UNSKEWED GIRDER.							
MARK	SIZE	NO.	TYPE	X	Y	LENGTH	MASS
G1001	10	334	C			430	113
G1002	10	127	B			1940	193
G1003	10	330	A			1750	453
G1004	10	8	STR.			600	4
G1501	15	18	STR.			11190	316
G1502	15	254	STR.			1435	572
G1503	15	10	E	450	450	900	14
G2001	20	4	D	1365		1965	19
G2002	20	10	D	1275		1875	44
G2003	20	4	STR.			1270	12
G2004	20	8	E	200	300	500	9
G2005	20	8	STR.			600	11
						TOTAL kg	1760
* C1501	15	126	G			1200	237
* C1502	15	25	STR.			6300	247
						TOTAL kg	863
* C61501	15	126	E	600	600	1200	237
* C61502	15	126	F			450	89
* C61503	15	3	STR.			11100	53



NOTES:

- * QUANTITY BASED ON 10 ANCHOR BOLT ASSEMBLIES. SEE BRIDGERAIL LAYOUT FOR EACH BRIDGE FOR ACTUAL NUMBER OF ANCHOR BOLT ASSY.
- * LENGTH BASED ON 6400 JOINT SPACING. SEE CURB JOINT LAYOUT FOR EACH BRIDGE FOR ACTUAL JOINT SPACING.

DESIGN DATA:

- LOADING:**
 - LIVE LOAD - BRIDGE BRANCH MS-23
 - DEAD LOAD - BRIDGE GIRDER = 1.35 t/m
 - WEARING SURFACE AND SHEAR KEYS = 0.30 t/m
- FORCE IN PRESTRESSING STEEL:**

	STRESS-RELIEVED	LOW RELAXATION
INITIAL TENSIONING LOAD	128.6 kN/STRAND	128.6 kN/STRAND
DESIGN LOAD AFTER LOSSES (INTERIOR GIRDER)	91.3 kN/STRAND	99.5 kN/STRAND
- CONCRETE:**
 - 28 DAY STRENGTH 35.0 MPa
 - RELEASE STRENGTH 28.0 MPa
- ESTIMATED CAMBER OF BOTTOM OF INTERIOR GIRDER LEG AT TIME OF RELEASE = 51 mm (STRESS RELIEVED STRANDS)
- THEORETICAL MASS OF ONE GIRDER IS 43.2 t (59.0t WITH CURB)

WORK THIS DRAWING IN CONJUNCTION WITH DRAWING NO. S-1399

DESIGNED		DRAWN BY		DATE	CHECKED BY	DATE	STREAM	LOCATION	HWY. NO.	SCALE	FILE NO.	SHEET	DWG. NO.
A. W.		F.W. BUDA		80-02-04						SHOWN			S-1376

APPROVED: _____

CHIEF BRIDGE ENGINEER

Albera TRANSPORTATION BRIDGE BRANCH METRIC

PRESTRESSED CONCRETE 32 m TYPE FM-1270 GIRDER

REVISIONS:

NO.	DATE	DESCRIPTION	BY	DATE