Element	Bar Number	Shape	Dia (mm)	Dia (in)	Length Ft - in	SPACING	Total Bars
BRDIGE DECK	01	8'-2½"	20	3/4	8.2	150(6")	182
	02	4'-0½" 4'-0½" 20"	20	3/4	20	150(6")	91
	03	20"	16	5/8	20	150(6")	58
	03A	15'-6"	16	5/8	15.5	150(6")	116
	04	4" 13'-7½"	16	5/8	13.96	200(8")	69
	04A	4'-0½" 4" 19"	16	5/8	19.33	200(8")	69
	05	20"	12	1/2	20	150(6")	58
	05A	15'-6"	12	1/2	15.5	150(6")	116
	06	3'7 3/4" 10 1/2"	12	1/2	4.77	150(6")	182
	06A	3'-7 1/2"	12	1/2	3.63	150(6")	182
	07	20"	12	1/2	20	200(8")	40
	07A	15'-6"	12	1/2	15.5	200(8")	80
	08	20"	16	5/8	20		12
	08A	15'-6"	16	5/8	15.5		24
	09	7" 10"			3.33	300(12")	92
BRIDGE POST	01	3'-7¾" 4" 3'7½" 2"	16	5/8	6.77		72
	02	7"	12	1/2	7.5		36
	03	12" 3'4"	10	3/8	3.83	200(8")	126
	04	3'-3" 4"	12	1/2	3.75		72
	05	4" 3'6"	10	3/8	2.5	200(8")	90

NOTES:

1) Do not Scale drawings.

2) All dimension to be check on site.

3) This drawing is to be read with conjunction with all other structural and mechanical services drawing.

4) GEOTEXTILES MATERIALS:
Geotextiles for placement behind retaining walls and for protection of coastal fills and causeway fills shall be non woven needle punched polyester fabric. The fabric shall meet the following specification;

Weight > 0.6kg/sqm.
Effective opening Size< 0.08 mm
Permeability > 4 mm/s
Min. thickness 5 mm
UV Resistance to ASTM D4355>70%
Puncture resistance ASTMD4833>100kg
Brust Strength -ASTM D3786>5000kpa

5. STRUCTURAL STEEL REINFORCEMENT:
5.1) Steel strength to be cold work deformed bars to B.S. 4461 or other approved with bending stress of "Y" bars=66,000 psi

No:	DATE:	ISSUE:

MTWUDLG
MINISTRY of TRANSPORT WORKS, URBAN DEVELOPMENT AND LOCAL GOVERNMENT
PROJECT MANAGEMENT UNIT
HALIFAX St., KINGSTOWN,
St. VINCENT and the GRENADINES
TEL: 456-1086 ext. 375

CONSULTANTS:

CLIENT: Government of St. Vincent & the Grenadines

PROJECT: Rehabilitation of Congo Valley Road,Bridge#1 & River Defence

TITLE: Bar Schedule Grand Sable Bridge

PROJ. No:	SCALE:	DRAWN:	DWG. No.
	DATE:	CHECKED:	LI S10