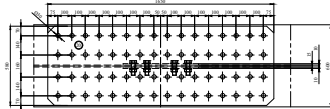
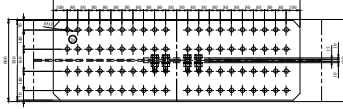


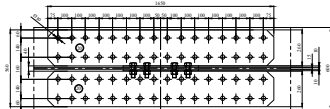
SPICE ABOVE OF THE TOP FLANGE
JOINT JC1/JC3 PRS
BOLT HR M20 d: 16.2
Ech: 1/10



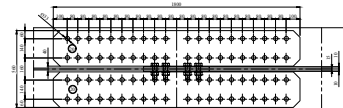
SPICE ABOVE OF THE TOP FLANGE
JOINT JC2 PRS
BOLT HR M20 d: 16.2
Ech: 1/10



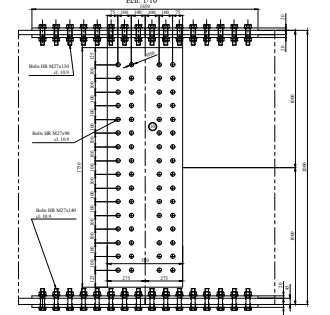
SPICE UNDERNEATH OF THE TOP FLANGE
JOINT JC1/JC3 PRS
Ech: 1/10



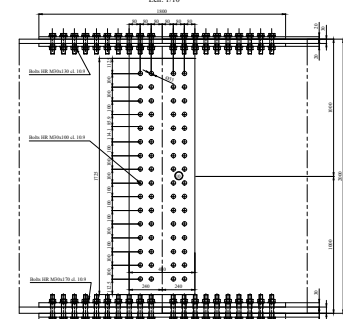
SPICE UNDERNEATH OF THE TOP FLANGE
JOINT JC2 PRS
Ech: 1/10



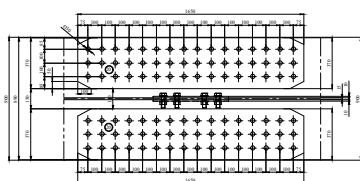
DETAIL A
WEB SPLICE JC1/JC3 PRS
Ech: 1/10



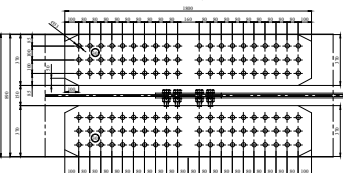
DETAIL B
WEB SPLICE JC2 PRS
Ech: 1/10



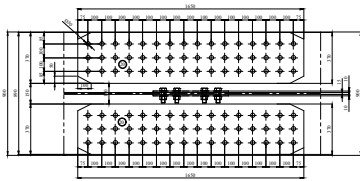
SPICE ABOVE OF BOTTOM FLANGE
JOINT JC1/JC3 PRS
Ech: 1/10



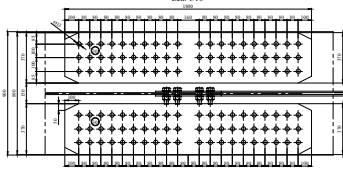
SPICE ABOVE OF BOTTOM FLANGE
JOINT JC2 PRS
Ech: 1/10



SPICE UNDERNEATH OF BOTTOM FLANGE
JOINT JC1/JC3 PRS
Ech: 1/10



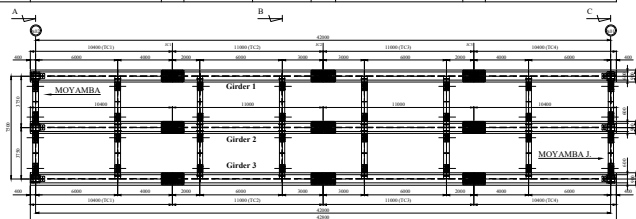
SPICE UNDERNEATH OF BOTTOM FLANGE
JOINT JC2 PRS
Ech: 1/10



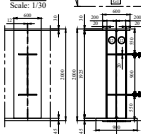
ELEVATION GIDER 1, 2 or 3
DISTRIBUTION
Scale: 1/100

TOP FLANGE	Size	10400*600 d: 30	11000*600 d: 30	11000*600 d: 30	11000*600 d: 30
Steel grade		S355 K2-N	S355 K2-N	S355 K2-N	S355 K2-N
WEB	Size	10400*925 d: 15	10400*925 d: 15	10400*925 d: 15	10400*925 d: 15
Steel grade		S355 K2-N	S355 K2-N	S355 K2-N	S355 K2-N
BOTTOM FLANGE	Size	10400*900 d: 45	10400*900 d: 45	10400*900 d: 45	10400*900 d: 45
Steel grade		S355 N	S355 N	S355 N	S355 N
CROSS BEAM	Type	WG	WG	WG	WG
Division length		6000	6000	6000	6000
DISTRIBUTION CONNECTORS	Division length	6000	6000	6000	6000
		9000 - spacing 200	9000 - spacing 200	9000 - spacing 200	9000 - spacing 200

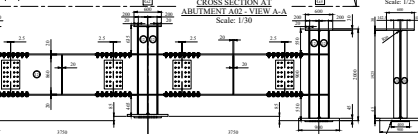
PLAN VIEW
STEEL DISTRIBUTION
Scale: 1/100



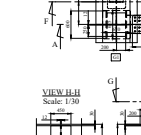
VIEW F-F
Scale: 1/30



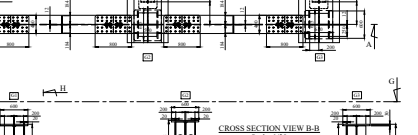
CROSS SECTION AT ABUTMENT A - VIEW A-A
Scale: 1/30



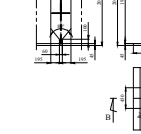
VIEW D-D
Scale: 1/30



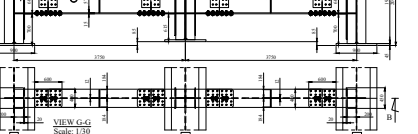
CROSS SECTION VIEW B-B
Scale: 1/30



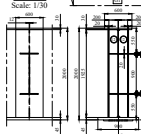
VIEW B-B
Scale: 1/30



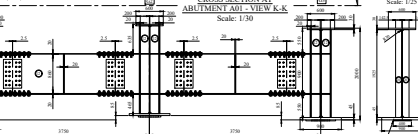
CROSS SECTION AT ABUTMENT A - VIEW K-K
Scale: 1/30



VIEW J-J
Scale: 1/30



CROSS SECTION AT ABUTMENT A - VIEW L-L
Scale: 1/30



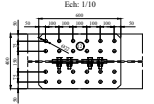
VIEW I-I
Scale: 1/30



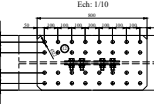
CROSS SECTION AT ABUTMENT A - VIEW M-M
Scale: 1/30



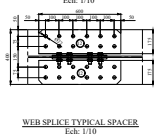
SPICE ABOVE OF THE TOP FLANGE
TYPICAL SPACER
BOLT M20 d: 16.2
Ech: 1/10



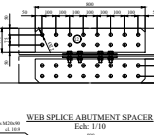
SPICE ABOVE OF THE TOP FLANGE
TYPICAL SPACER
BOLT M20 d: 16.2
Ech: 1/10



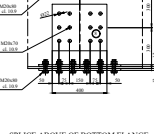
SPICE UNDERNEATH OF THE TOP FLANGE
TYPICAL SPACER
Ech: 1/10



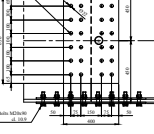
SPICE UNDERNEATH OF THE TOP FLANGE
TYPICAL SPACER
Ech: 1/10



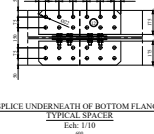
WEB SPLICE TYPICAL SPACER
Ech: 1/10



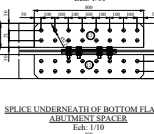
WEB SPLICE TYPICAL SPACER
Ech: 1/10



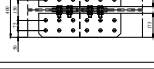
SPICE ABOVE OF BOTTOM FLANGE
TYPICAL SPACER
Ech: 1/10



SPICE ABOVE OF BOTTOM FLANGE
TYPICAL SPACER
Ech: 1/10



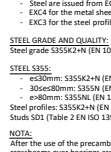
SPICE UNDERNEATH OF BOTTOM FLANGE
TYPICAL SPACER
Ech: 1/10



SPICE UNDERNEATH OF BOTTOM FLANGE
TYPICAL SPACER
Ech: 1/10



CUT ON BEAM
Ech: 1/10



EXECUTION CLASS:

- Steel are issued from EC certified factory;
- EXCA for the metal sheets;
- EXCA for the steel profiles.

STEEL GRADE AND QUALITY:

Steel grade: S355K2N (EN 10025-2).

STEEL SIZES:

- e30mm: S355K2-N (EN 10025-2);
- 30se80mm: S355N (EN 10025-3);
- e80mm: S355N (EN 10025-3).

NOTE:

After the use of the precamber, the end of the main girder and the crossbeams over bearings are perpendicular. Moreover, the standard crossbeams and the top flange of the main girder are perpendicular.

FILLET WELDS:

The effective throat thickness is 5 mm unless contraindicated. Fillet welds are continuous and all round.

DRAWING:

Dimensions and measurements are in millimeter.

CONNECTORS:

- Studs S01 type as depicted in table 2 of the EN ISO 19938
- Girders 2 - 486
- Girders 3 - 486
- Total number connectors = 1458

GOVERNMENT OF SIERRA LEONE



Sierra Leone Road Authority

Project : REHABILITATION OF THE MOYAMBA MOYAMBA JUNCTION ROAD AND CONSTRUCTION OF BRIDGES

MOYAMBA Bridge

Steel distribution

DESIGNED BY



CONSULTANT



CONTRACTOR



D						
C						
B						
A	27/05/2019	Internal update	D. CHAUVET	L. FOSSOUX	M.ESPAN	
9	20/12/2018	Initial version	D.DELREU	L. FOSSOUX	M.ESPAN	
Index	Date	Modification	Established by	Verified by	Approved	
O	Y	S	S	P	F	L
Project	Index	Document	Number	Revision		Status