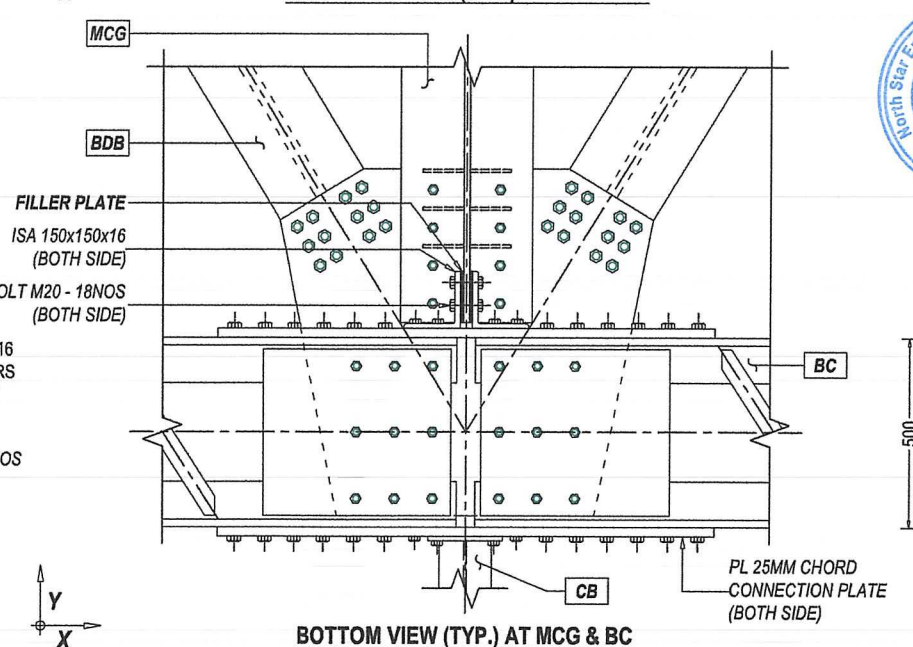
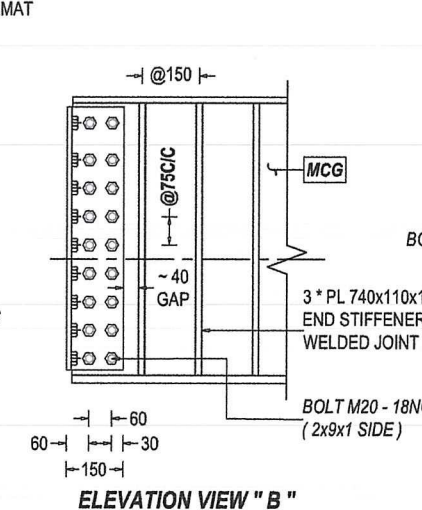
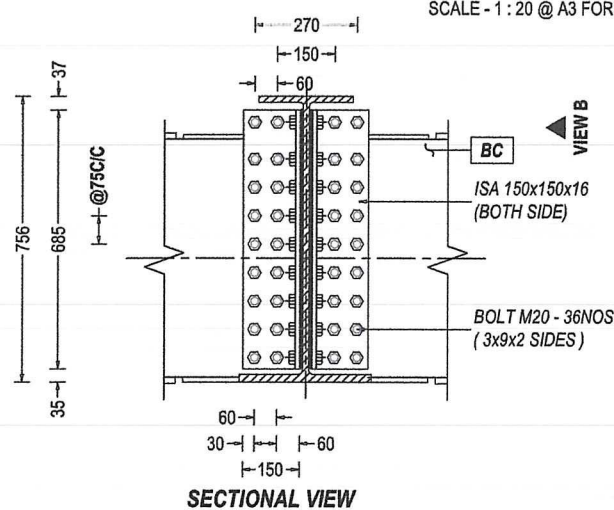
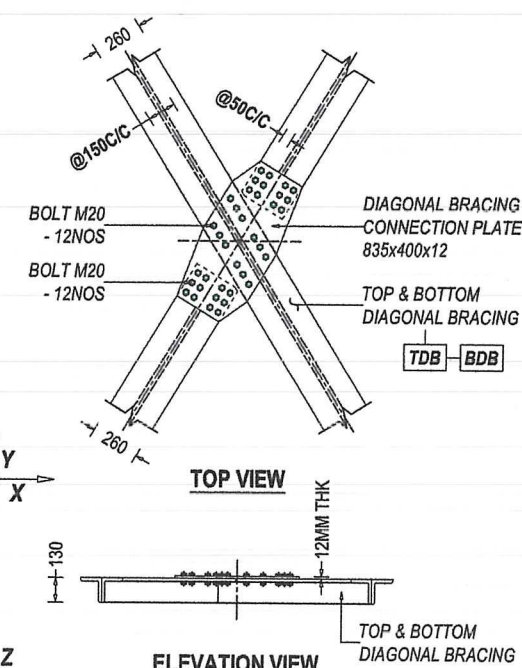
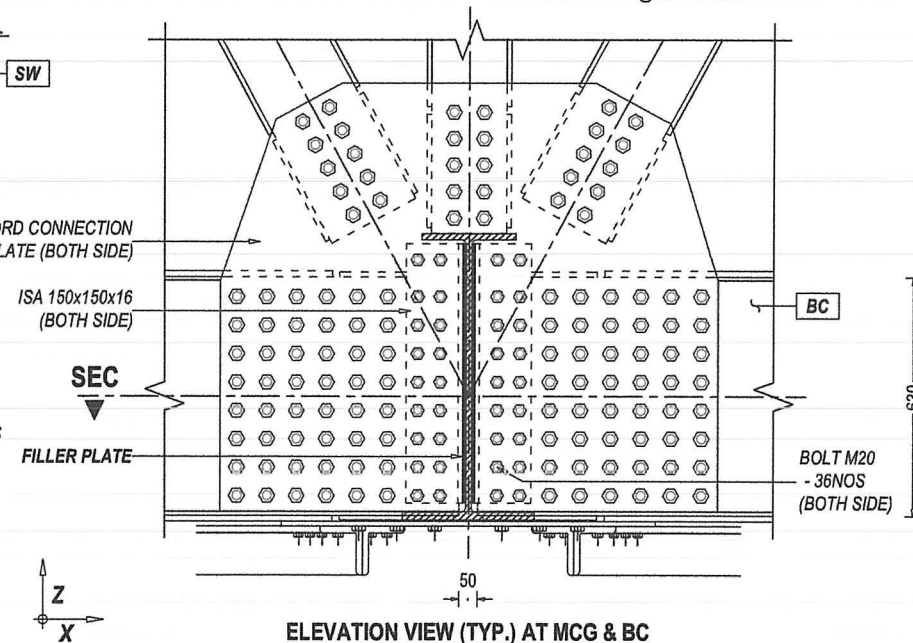
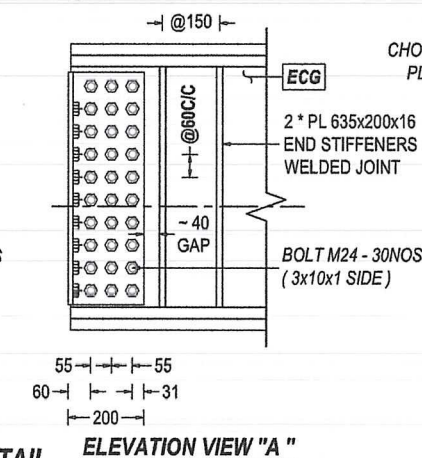
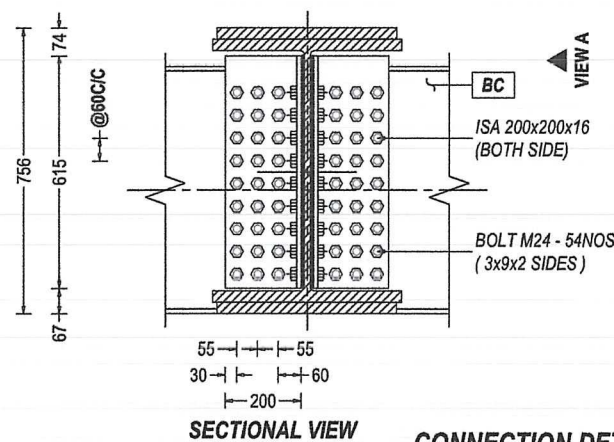
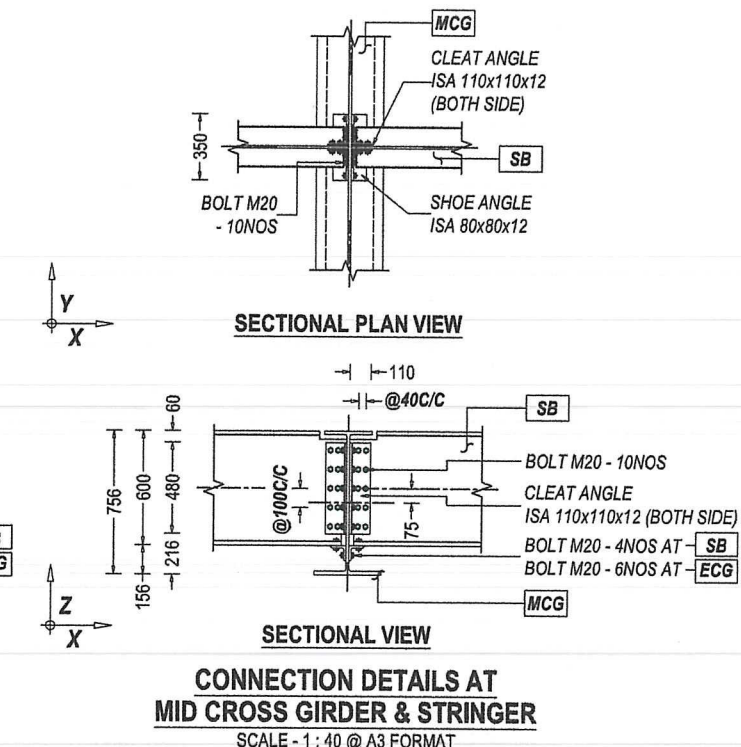
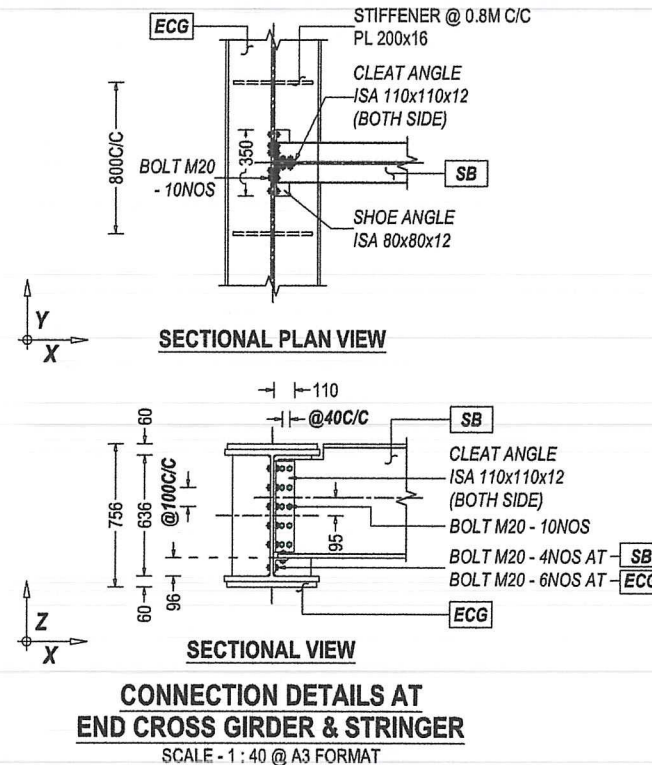
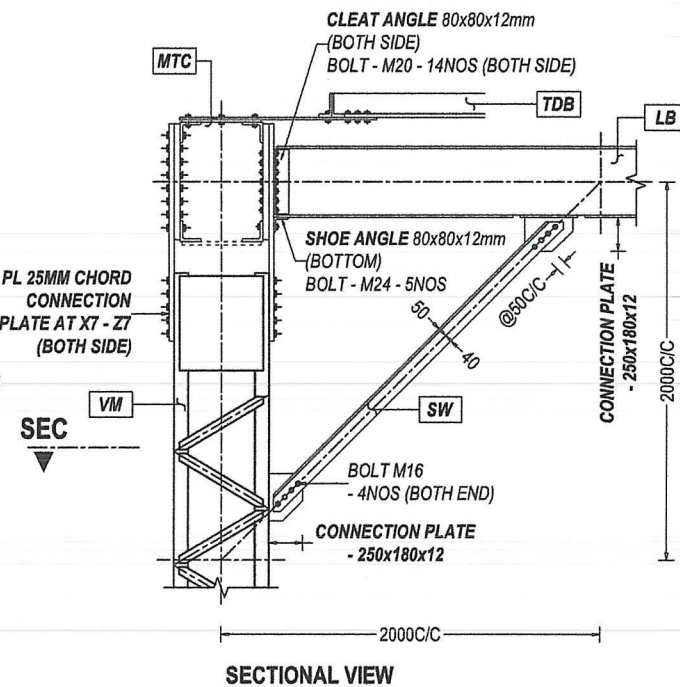
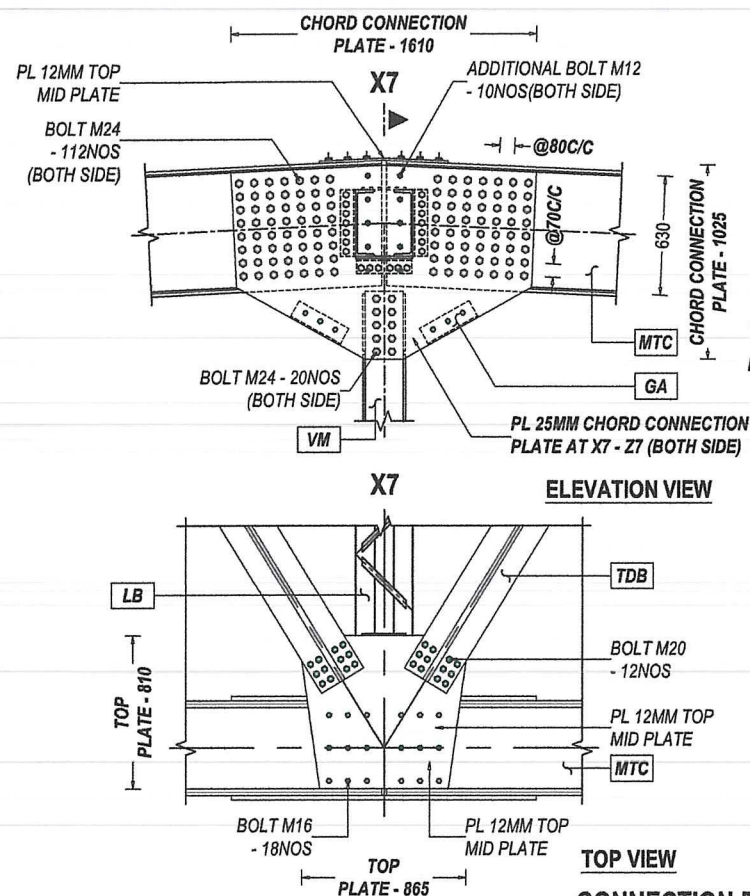


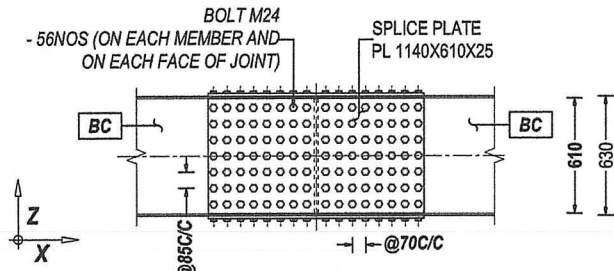
GOVERNMENT OF NEPAL MINISTRY OF PHYSICAL INFRASTRUCTURE AND TRANSPORT DEPARTMENT OF ROADS BRIDGE BRANCH		
STANDARD SUPERSTRUCTURE DRAWING FOR ROAD BRIDGES		
Road Carriageway Width: 7.5m with 2 Footpaths each 1.5m wide	Overall Bridge Width: 10.00 m	
LIVE LOAD: IRC 1 Lane of 70R or 1 or 2 Lanes of Class A, whichever governs and Footpath Loading		
Drg. No.: 7/12 of Bowstring Steel Truss Bridge - 70.0 m - SS Span		
Drg. TITLE : MEMBER JOINT DETAILS (4 Sheets): Sheet 3/4		
Designed by : Biva Shrestha Malla (Structural Engineer)	Forwarded by : Prakriti Pokhrel (Engineer, DoR)	Recommended by : Jibendra Mishra (SDE, DoR)
Accepted by : Umesh Bindu Shrestha (DDG, DoR)		Approved by : Shiva Prasad Nepal (Acting DG, DoR)
		Date : Jun, 2022. Revisions :



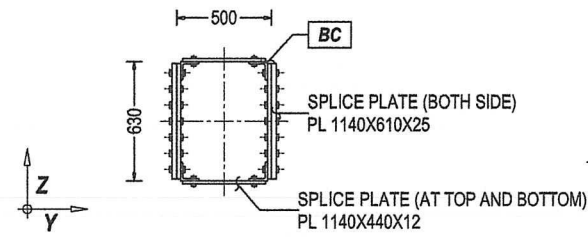
गणतन्त्र नेपाल GOVERNMENT OF NEPAL MINISTRY OF PHYSICAL INFRASTRUCTURE AND TRANSPORT DEPARTMENT OF ROADS BRIDGE BRANCH 			
STANDARD SUPERSTRUCTURE DRAWING FOR ROAD BRIDGES			
Road Carriageway Width: 7.5m with 2 Footpaths each 1.5m wide		Overall Bridge Width: 10.00 m	
LIVE LOAD: IRC 1 Lane of 70R or 1 or 2 Lanes of Class A, whichever governs and Footpath Loading			
Drg. No.: 8/12 of Bowstring Steel Truss Bridge - 70.0 m - SS Span			
Drg. TITLE : MEMBER JOINT DETAILS (4 Sheets): Sheet 4/4			
Designed by : Biva Shrestha Malla (Structural Engineer)	Forwarded by : Prakriti Pokhrel (Engineer, DoR)	Recommended by : Jibendra Mishra (SDE, DoR)	Date : Jun, 2022.
Accepted by : Umesh Bindu Shrestha (DDG, DoR)	Approved by : Shiva Prasad Nepal (Acting DG, DoR)	Revised by : Er. Shiva Prasad Nepal Acting Director General	

ई. उमेश विन्दु श्रेष्ठ

Er. Shiva Prasad Nepal
Acting Director General

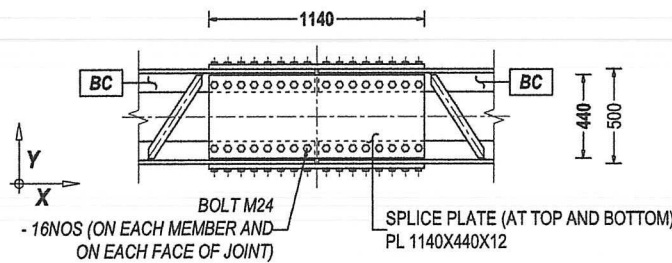


ELEVATION VIEW

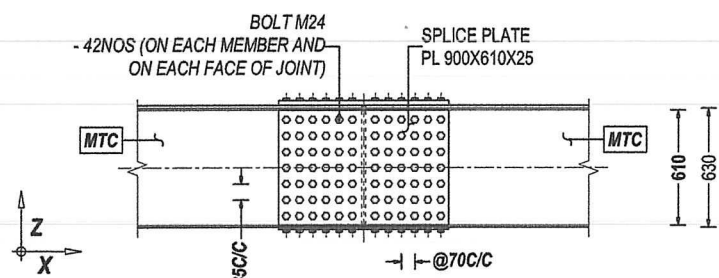


SECTIONAL VIEW

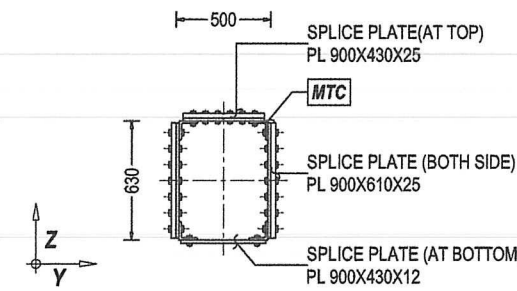
**SPLICE CONNECTION DETAILS FOR
BOTTOM CHORD (BC)**
SCALE - 1 : 40 @ A3 FORMAT



TOP AND BOTTOM PLAN VIEW

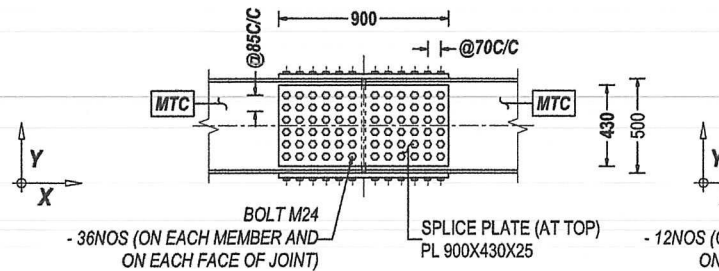


ELEVATION VIEW

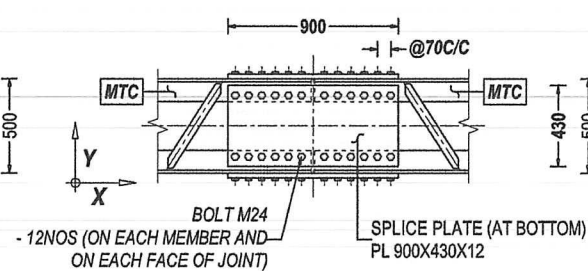


SECTIONAL VIEW

**SPLICE CONNECTION DETAILS FOR
MID TOP CHORD (MTC)**
SCALE - 1 : 40 @ A3 FORMAT

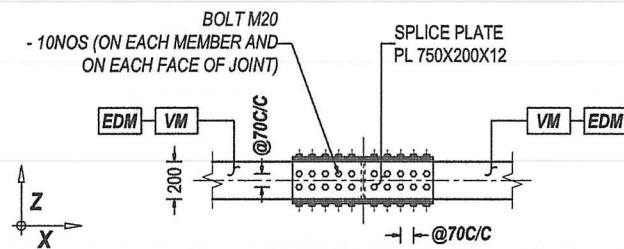


TOP PLAN VIEW

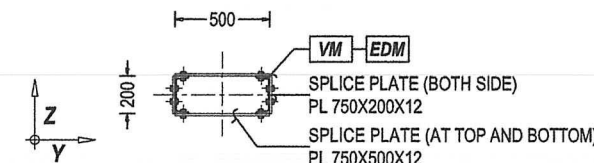


BOTTOM PLAN VIEW

**SPLICE CONNECTION DETAILS FOR
MID TOP CHORD (MTC)**
SCALE - 1 : 40 @ A3 FORMAT

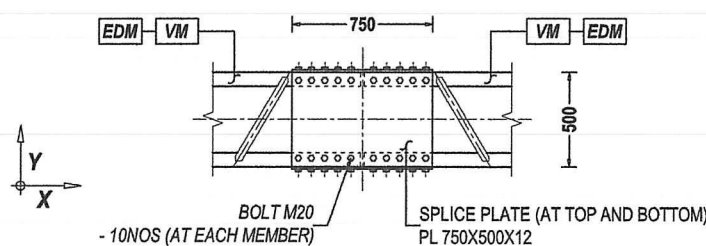


ELEVATION VIEW

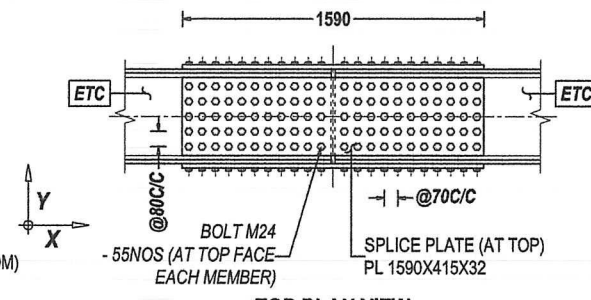


SECTIONAL VIEW

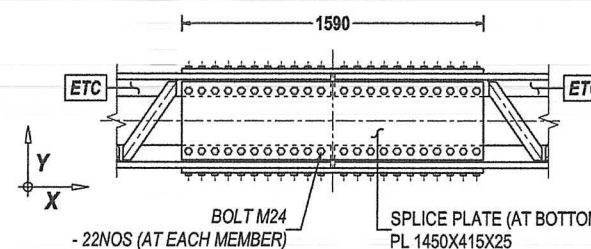
**SPLICE CONNECTION
DETAILS FOR
VERTICAL MEMBER (VM)
AND END DIAGONAL
MEMBER (EDM)**
SCALE - 1 : 40 @ A3 FORMAT



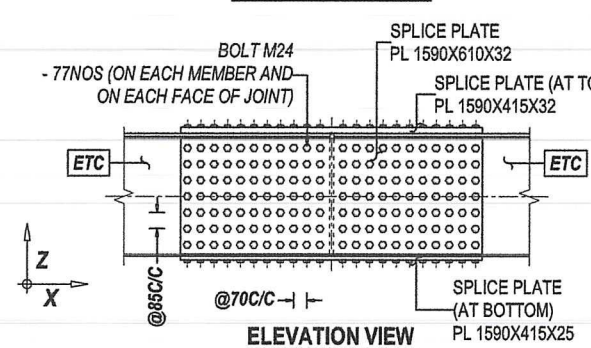
TOP AND BOTTOM PLAN VIEW



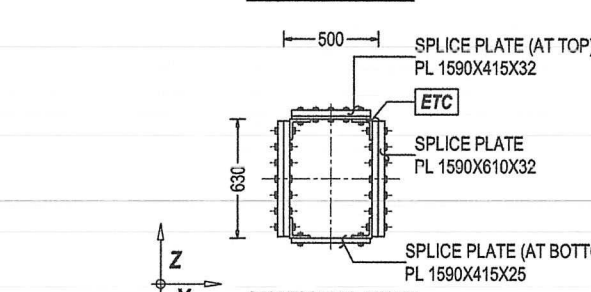
TOP PLAN VIEW



BOTTOM PLAN VIEW

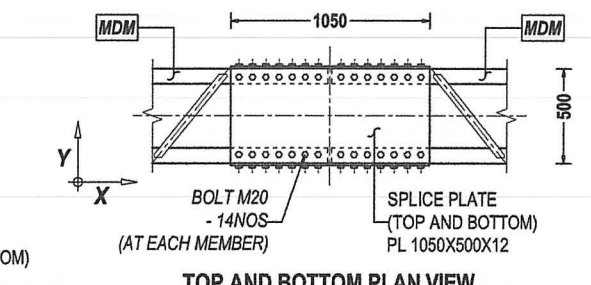


ELEVATION VIEW

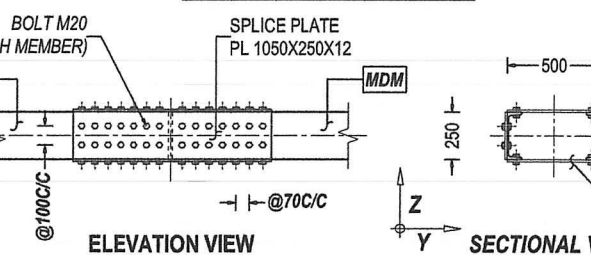


SECTIONAL VIEW

**SPLICE CONNECTION DETAILS FOR
END TOP CHORD (ETC)**
SCALE - 1 : 40 @ A3 FORMAT



TOP AND BOTTOM PLAN VIEW

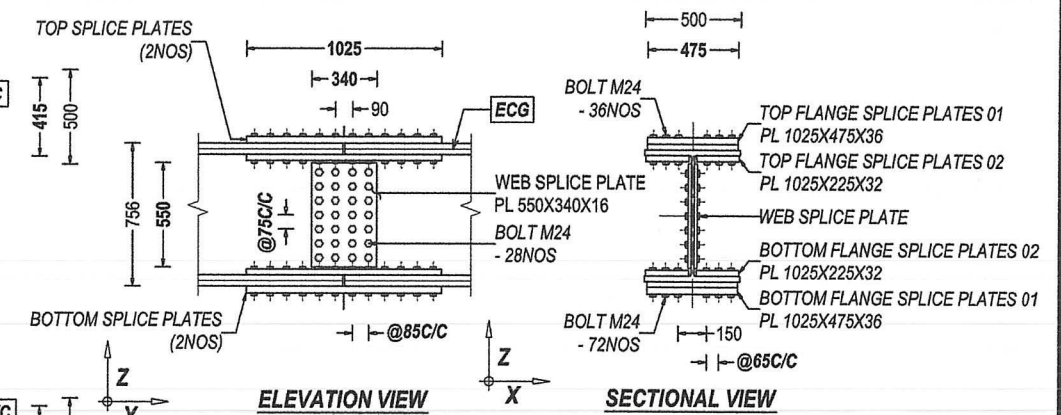


ELEVATION VIEW

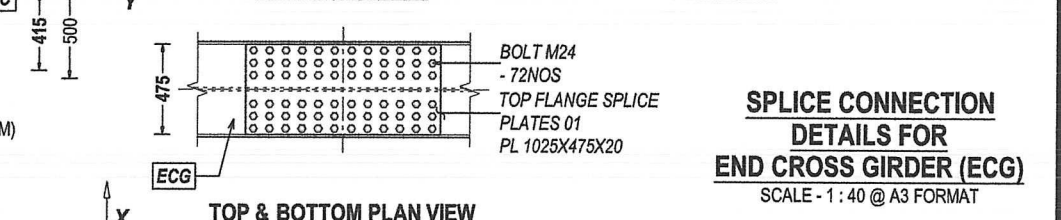


SECTIONAL VIEW

**SPLICE CONNECTION DETAILS FOR
MID DIAGONAL MEMBER (MDM)**
SCALE - 1 : 40 @ A3 FORMAT

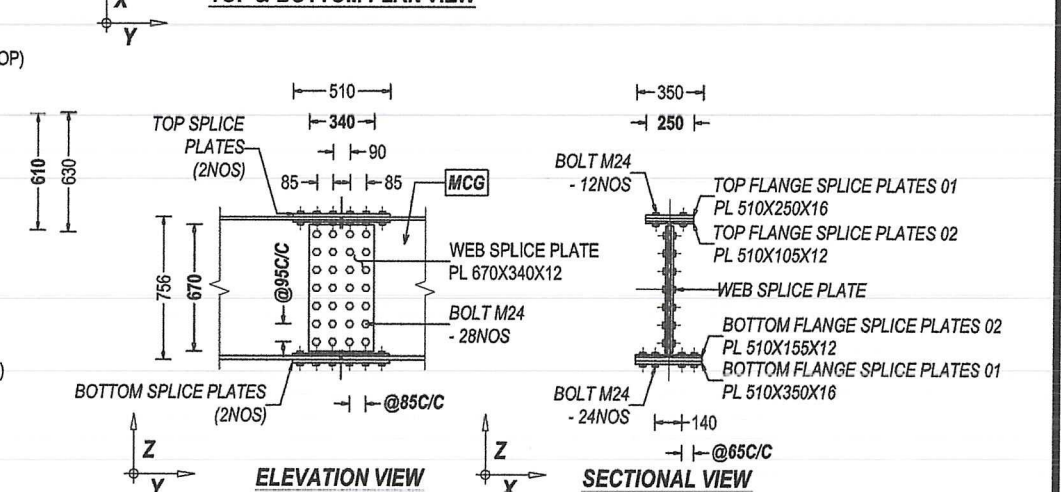


ELEVATION VIEW

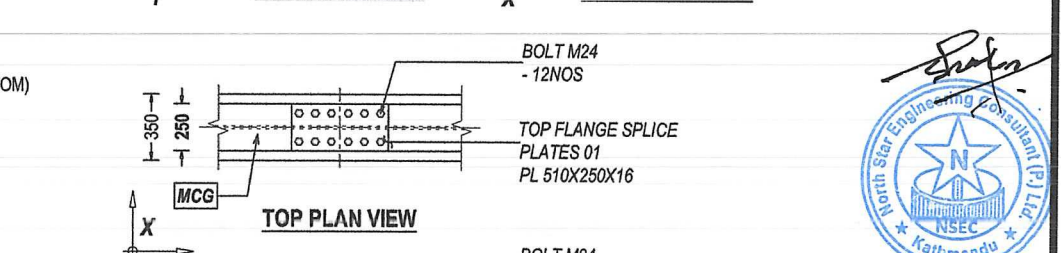


SECTIONAL VIEW

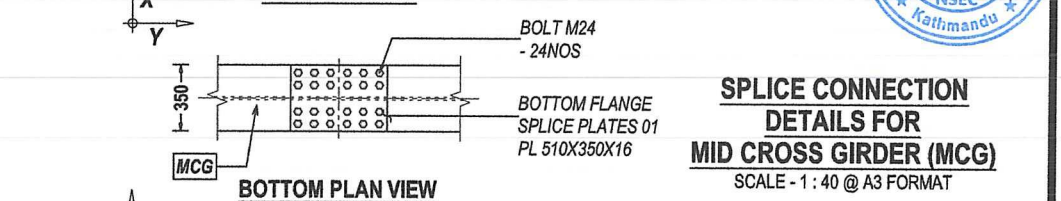
**SPLICE CONNECTION
DETAILS FOR
END CROSS GIRDER (ECG)**
SCALE - 1 : 40 @ A3 FORMAT



TOP & BOTTOM PLAN VIEW



TOP PLAN VIEW

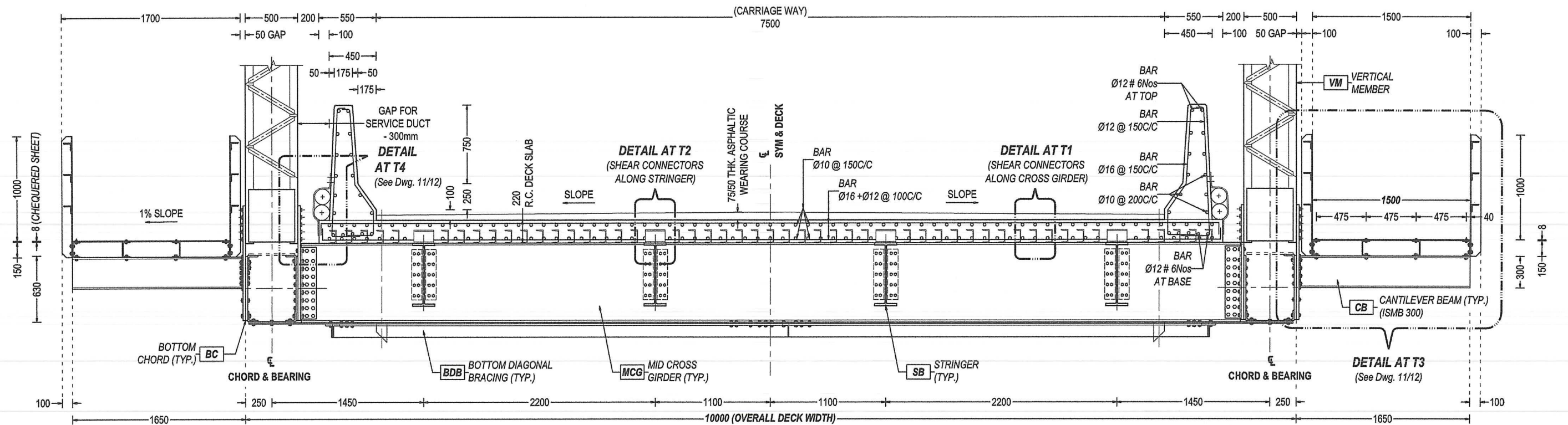


BOTTOM PLAN VIEW

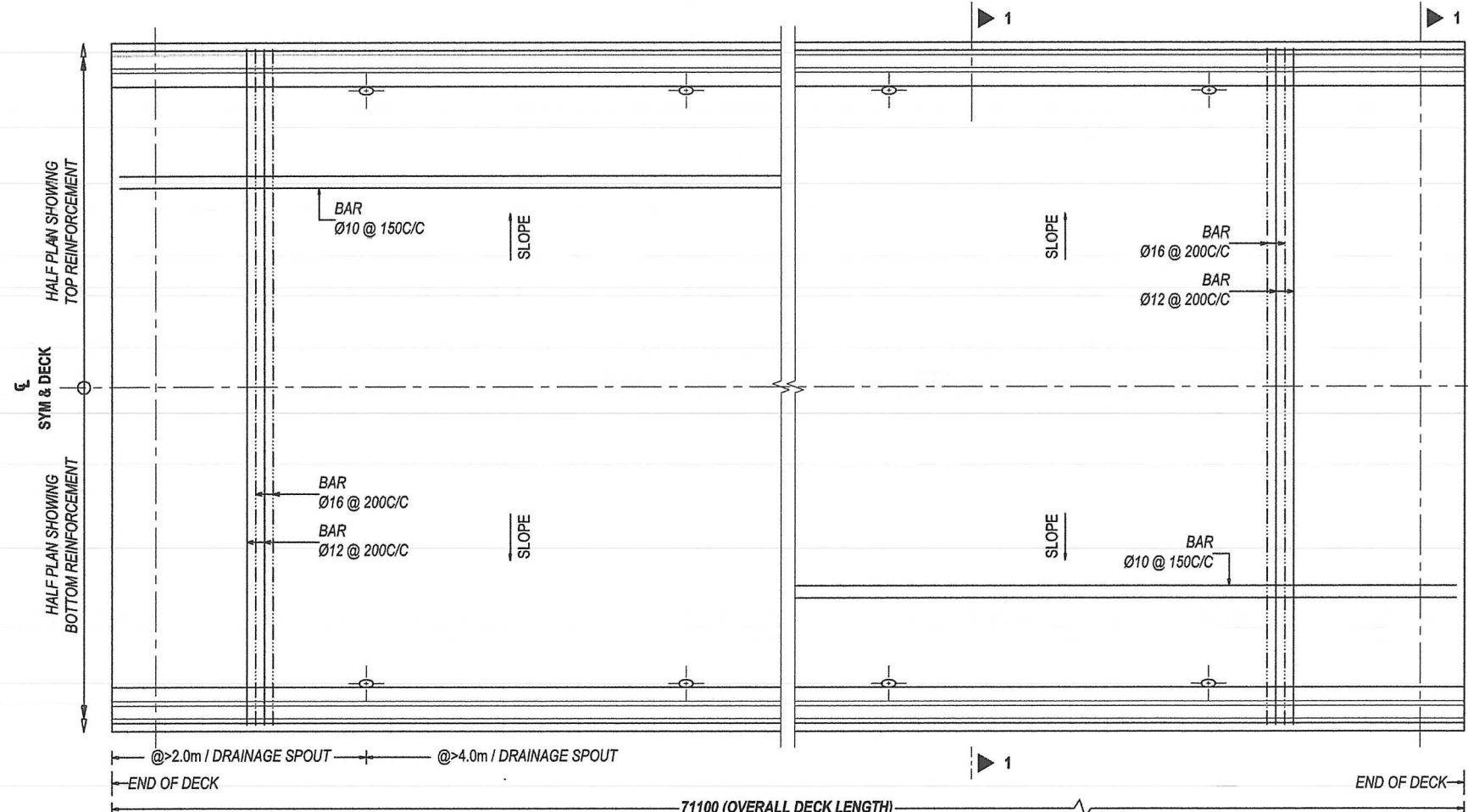
**SPLICE CONNECTION
DETAILS FOR
MID CROSS GIRDER (MCG)**
SCALE - 1 : 40 @ A3 FORMAT

GOVERNMENT OF NEPAL MINISTRY OF PHYSICAL INFRASTRUCTURE AND TRANSPORT DEPARTMENT OF ROADS BRIDGE BRANCH			
STANDARD SUPERSTRUCTURE DRAWING FOR ROAD BRIDGES			
Road Carriageway Width: 7.5m with 2 Footpaths each 1.5m wide		Overall Bridge Width: 10.00 m	
LIVE LOAD: IRC 1 Lane of 70R or 1 or 2 Lanes of Class A, whichever governs and Footpath Loading			
Drg. No.: 9/12 of Bowstring Steel Truss Bridge - 70.0 m - SS Span			
Drg. TITLE : SPLICING JOINT DETAILS			
Designed by : Biva Shrestha Malla (Structural Engineer)	Forwarded by : Prakriti Pokhrel (Engineer, DoR)	Recommended by : Jibendra Mishra (SDE, DoR)	Date : Jun, 2022.
Accepted by : Umesh Bindu Shrestha (DDG, DoR)	Approved by : Shiva Prasad Nepal (Acting DG, DoR)	Revision : Er. Shiva Prasad Nepal Acting Director	

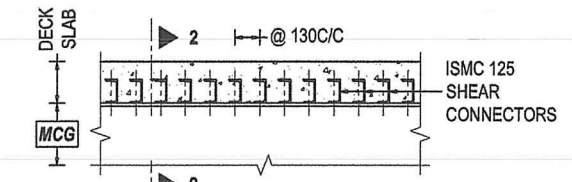




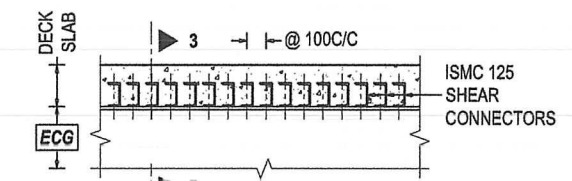
SECTION AT 1-1
SCALE - 1 : 40 @ A3 FORMAT



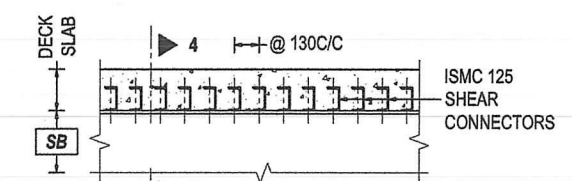
REINFORCEMENT DETAIL OF DECK SLAB
(TRUSSES ARE NOT SHOWN)
SCALE - 1 : 40 @ A3 FORMAT



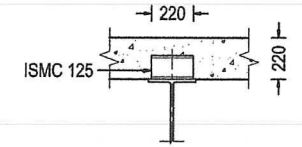
DETAIL AT T1 - SHEAR CONNECTORS ALONG MID CROSS GIRDER
SCALE - 1 : 40 @ A3 FORMAT



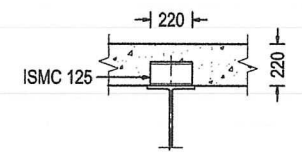
DETAIL AT T1 - SHEAR CONNECTORS ALONG END CROSS GIRDER
SCALE - 1 : 40 @ A3 FORMAT



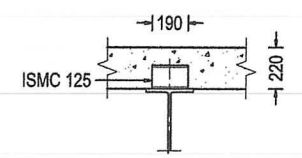
DETAIL AT T2 - SHEAR CONNECTORS ALONG STRINGER
SCALE - 1 : 40 @ A3 FORMAT



SECTION AT 2-2
SCALE - 1 : 40 @ A3 FORMAT



SECTION AT 3-3
SCALE - 1 : 40 @ A3 FORMAT



SECTION AT 4-4
SCALE - 1 : 40 @ A3 FORMAT



- NOTES :**
- All dimensions are in millimeters, unless stated otherwise.
 - Grade of concrete is M35.
 - Grade of steel is Fe500.
 - Clear cover to outermost reinforcement is 40mm.
 - Weld size for shear connector is 8mm fillet weld throughout whole length.

GOVERNMENT OF NEPAL MINISTRY OF PHYSICAL INFRASTRUCTURE AND TRANSPORT DEPARTMENT OF ROADS BRIDGE BRANCH			
STANDARD SUPERSTRUCTURE DRAWING FOR ROAD BRIDGES			
Road Carriageway Width: 7.5m with 2 Footpaths each 1.5m wide		Overall Bridge Width: 10.00 m	
LIVE LOAD: IRC 1 Lane of 70R or 1 or 2 Lanes of Class A, whichever governs and Footpath Loading			
Drg. No.: 10/12 of Bowstring Steel Truss Bridge - 70.0 m - SS Span			
Drg. TITLE : REINFORCEMENT DETAILS OF DECK SLAB.			
Designed by : Biva Shrestha Malla (Structural Engineer)	Forwarded by : Prakriti Pokhrel (Engineer, DoR)	Recommended by : Jibendra Mishra (SDE, DoR)	Date : Jun, 2022.
Accepted by : Umesh Bindu Shrestha (DDG, DoR)	Approved by : Shiva Prasad Nepal (SDE, DoR)	Revisions : 00	

उप-महानिर्देशक

Er. Shiva Prasad Nepal
Acting Director General



CANTILEVER RAILING DETAIL / DETAIL AT "T3"

SCALE - 1 : 30 @ A3 FORMAT



ELEVATION VIEW / VIEW V3

SERVICE DUCT HANGER DETAIL

SCALE - 1 : 30 @ A3 FORMAT

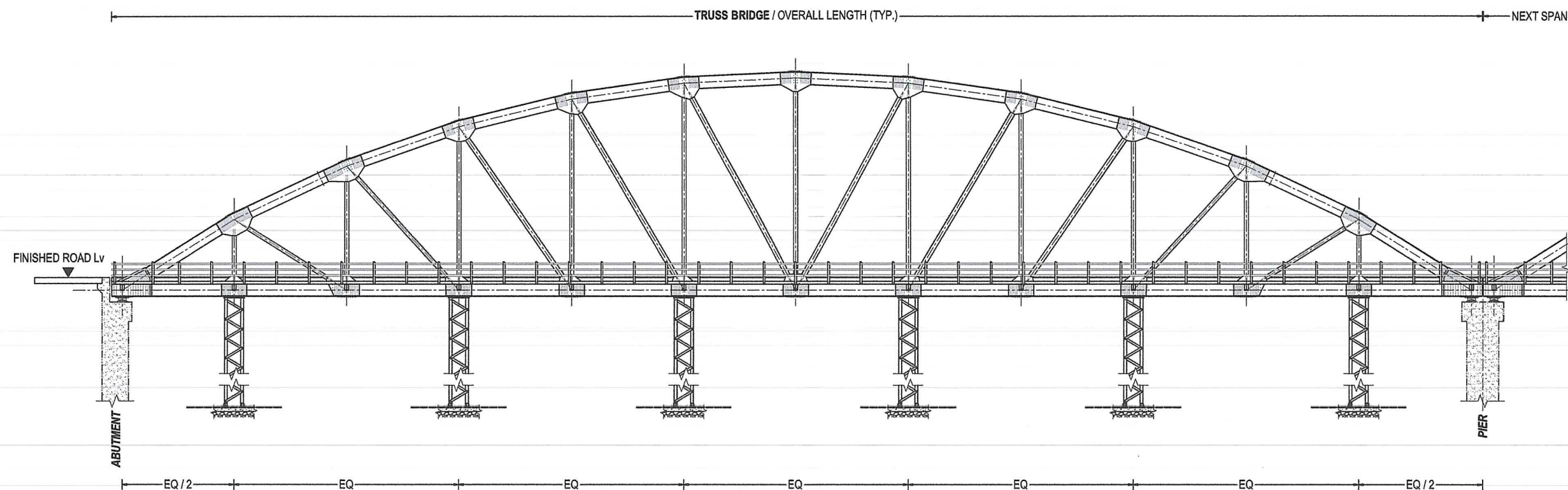
(See Dwg. 10/12, REINFORCEMENT DETAILS OF DECK SLAB)

DATA FOR BEARING				
LOAD CONDITION	ITEMS		POT FIXED BEARING	POT-PTFE free Bearings
NO LL Condition	V	No EQ and WIND	2190 kN	2190 kN
		With EQ.	2980 kN	2980 kN
		WIND	2210 kN	2210 kN
	HL	No EQ and WIND	0	0
		With EQ.	2215 kN	150 kN
		WIND	165 kN	110 kN
	Hr	No EQ and WIND	0	0
		With EQ.	1185 kN	1185 kN
		WIND	395 kN	395 kN
	θ	No EQ and WIND	0.00495 rad.	0
		With EQ.	0.00597 rad.	0.00597 rad.
		WIND	0.00570 rad.	0.00570 rad.
WITH LL Condition	V	No EQ and WIND	3235 kN	3235 kN
		With EQ.	3265 kN	3265 kN
		WIND	3255 kN	3255 kN
	HL	No EQ and WIND	240 kN	165 kN
		With EQ.	2355 kN	165 kN
		WIND	345 kN	165 kN
	Hr	No EQ and WIND	0	0
		With EQ.	1505 kN	1505 kN
		WIND	395 kN	395 kN
	θ	No EQ and WIND	0.00553 rad.	0.00553 rad.
		With EQ.	0.00966 rad.	0.00966 rad.
		WIND	0.00928 rad.	0.00928 rad.

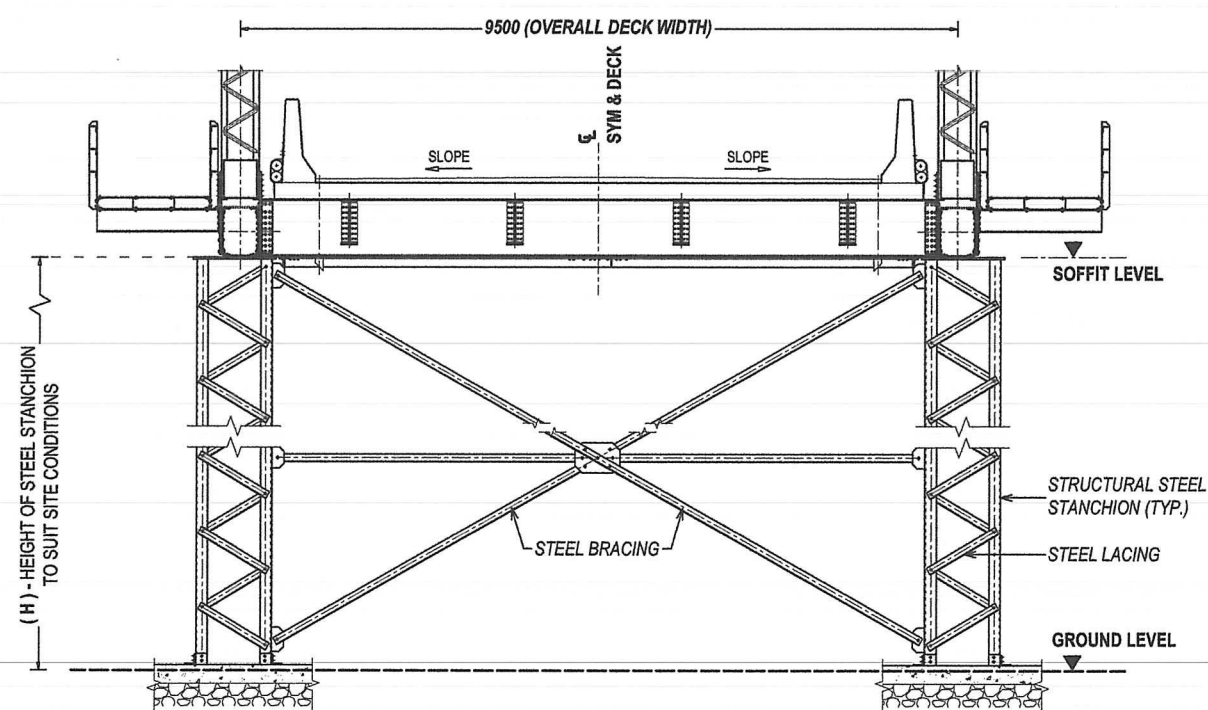
GOVERNMENT OF NEPAL MINISTRY OF PHYSICAL INFRASTRUCTURE AND TRANSPORT DEPARTMENT OF ROADS BRIDGE BRANCH			
STANDARD SUPERSTRUCTURE DRAWING FOR ROAD BRIDGES			
Road Carriageway Width: 7.5m with 2 Footpaths each 1.5m wide		Overall Bridge Width: 10.00 m	
LIVE LOAD: IRC 1 Lane of 70R or 1 or 2 Lanes of Class A, whichever governs and Footpath Loading			
Drg. No.: 11/12 of Bowstring Steel Truss Bridge - 70.0 m - SS Span			
Drg. TITLE : CANTILEVER FOOTPATH & SERVICE DUCT DETAILS.			
Designed by : Biva Shrestha Malla (Structural Engineer)	Forwarded by : Prakriti Pokhrel (Engineer, DoR)	Recommended by : Jibendra Mishra (SDE, DoR)	Date : Jun, 2022
Accepted by : Umesh Bindu Shrestha (DDG, DoR)	Approved by : Shiva Prasad Nepal (Acting DG, DoR)	Revisions	

ई. उमेश विजयु
उप-महानिदेशक

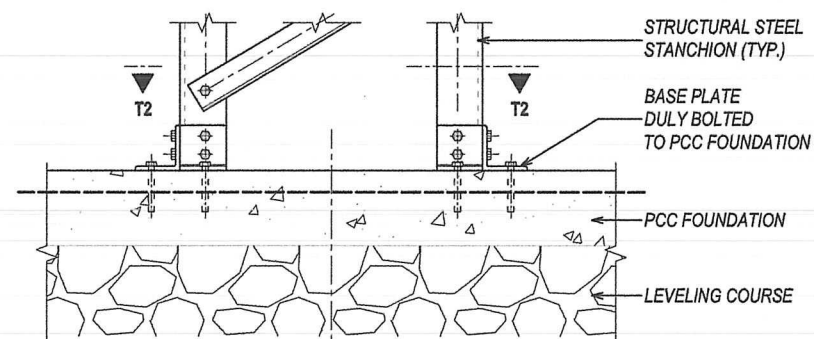
Er. Shiva Prasad Nepal
Acting Director General



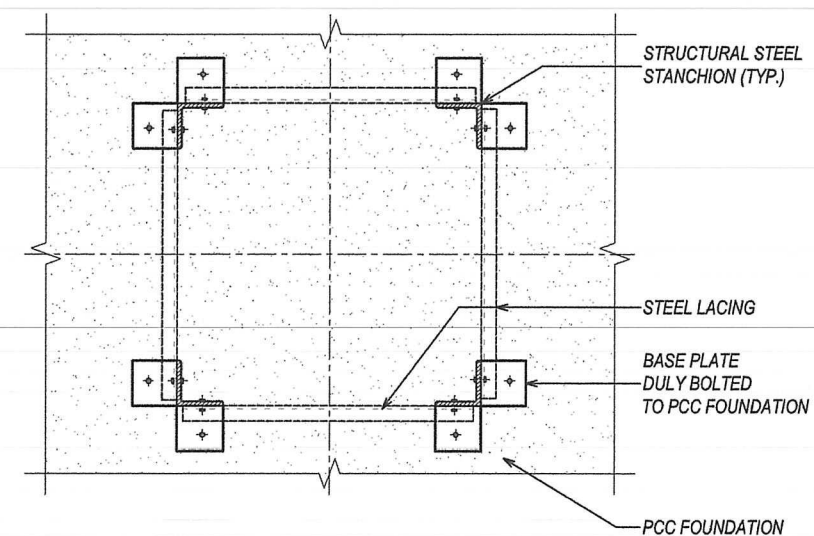
LOCATIONS OF TEMPORARY STEEL STANCHIONS FOR CONSTRUCTION (STAGING IN SITE METHOD)
SCALE - 1 : 250 @ A3 FORMAT



SECTIONAL VIEW OF STEEL STANCHIONS AT T1 - T1
SCALE - 1 : 40 @ A3 FORMAT



DETAIL AT "F"
SCALE - 1 : 10 @ A3 FORMAT



SECTIONAL VIEW AT T2 - T2
SCALE - 1 : 10 @ A3 FORMAT

NOTE:

1. All Steel Stanchion Supports (typ.) for construction and erection process shall be given under each Truss under nodes, As generally indicated in drawing with span at most 2 BAYS. Each Stanchion shall be capable of taking equivalent static vertical load of at least 90 Tonnes. However position shown here are symbolic only which suits for most cases, and this position can be modified as per site condition. All such temporary supports shall be thoroughly cross braced in transverse direction, for overall stability, as indicated and requirement of longitudinal cross bracing shall be identified by Structural Engineer while Designing Temporary Staging works.
2. Contractor to suitable design these supporting Stanchions, their bases, foundations and bracings for possible dead loads, construction loads as well as anticipated Wind and Earthquake Loads, Which shall be approve by Project Manager.

GOVERNMENT OF NEPAL MINISTRY OF PHYSICAL INFRASTRUCTURE AND TRANSPORT DEPARTMENT OF ROADS BRIDGE BRANCH			
STANDARD SUPERSTRUCTURE DRAWING FOR ROAD BRIDGES			
Road Carriageway Width: 7.5m with 2 Footpaths each 1.5m wide		Overall Bridge Width: 10.00 m	
LIVE LOAD: IRC 1 Lane of 70R or 1 or 2 Lanes of Class A, whichever governs and Footpath Loading			
Drg. No.: 12/12 of Bowstring Steel Truss Bridge - 70.0 m - SS Span			
Drg. TITLE : ERECTION METHOD BY STAGING IN SITE DETAILS			
Designed by : Biva Shrestha Malla (Structural Engineer)	Forwarded by : Prakriti Pokhrel (Engineer, DoR)	Recommended by : Jibendra Mishra (SDE, DoR)	Date : Jun, 2022.
Accepted by : Umesh Bindu Shrestha (DDG, DoR)	Approved by : Shiva Prasad Nepal (Acting DG, DoR)	Revisions : 00	

ई. उमेश बिन्दु श्रेष्ठ
नया-सहानिर्देशक

Er. Shiva Prasad Nepal
Acting Director General