



- GENERAL NOTES**
- DESIGN**
- SPECIFICATION: CSA CAN3-S6-M78
 - LIVE LOAD: CSA S6-M78, MS230
 - ALL DIMENSIONS ARE GIVEN IN MM.
 - IN USING THIS PLAN, THE FOLLOWING LIMITS SHALL NOT BE EXCEEDED:
 - HEIGHT OF DECK ABOVE STREAMBED ----- 6.1 m
 - TOP OF FILL TO BACKWALL ----- 2.4 m
 - SKEW ----- 45°
 - ICE --- USUAL ICE LOAD IN SMALL STREAM (0.3 m THICK ICE @ 700 kPa)
 - FOR NON-STANDARD SKEW ANGLES, DIMENSIONS SHALL BE INTERPOLATED FROM TABLE OF DIMENSIONS ON S-1486, OR SHALL BE CALCULATED.
- CONSTRUCTION**
- ALL REQUIREMENTS OF THE CURRENT BRIDGE BRANCH SPECIFICATION FOR THE SUPPLY OF STRUCTURAL STEEL FOR BRIDGES (SPEC NO B-1878) SHALL BE MET.
 - PILES SHALL BE DRIVEN TO THE FOLLOWING BEARING VALUES UNLESS THE REQUIRED PENETRATION IS DETERMINED ON THE BASIS OF A SOIL ANALYSIS:
 - PIER PILES ----- 440 kN
 - ABUTMENT PILES ----- 330 kN
 - ALL WELDING SHALL CONFORM TO THE CURRENT AWS SPECIFICATION D1.1.
 - WHEN THE AIR TEMPERATURE IS BELOW 0°C, ALL MATERIAL TO BE WELDED SHALL BE PREHEATED TO 95°C AND SHALL BE SHELTERED FROM WIND BY A SUITABLE HOARDING APPROVED BY THE ENGINEER.
 - THE STEEL SUBSTRUCTURE SHALL BE BLAST CLEANED AND PAINTED WITH TWO PRIME COATS AND TWO FINISH COATS IN THE FIELD. CLEANING SHALL BE APPROVED BY THE ENGINEER PRIOR TO PAINTING. PAINTING SHALL CONFORM TO THE CURRENT BRIDGE BRANCH SPECIFICATION B326 "PAINTING OF METAL STRUCTURES".

* WORK THESE DRAWINGS TOGETHER: S-1485 AND S-1486

APPROVED		Albera TRANSPORTATION AND UTILITIES BRIDGE ENGINEERING BRANCH	
EXECUTIVE DIRECTOR BRIDGE ENGINEERING		"SM" PRECAST BRIDGES STEEL SUBSTRUCTURE-SHEET I	
REV	DATE	DESCRIPTION	BY
1	87-09-29	METRICATED FROM S-1171	KST
REVISIONS			
DESIGNED	CHKD	DATE	CHECKED
DKD	WS	87-09-29	VGB
DATE		STREAM	LOCATION
Nov 10 1987			
FILE	SHEET	DRAWING	
	1 of 2	S-1485	