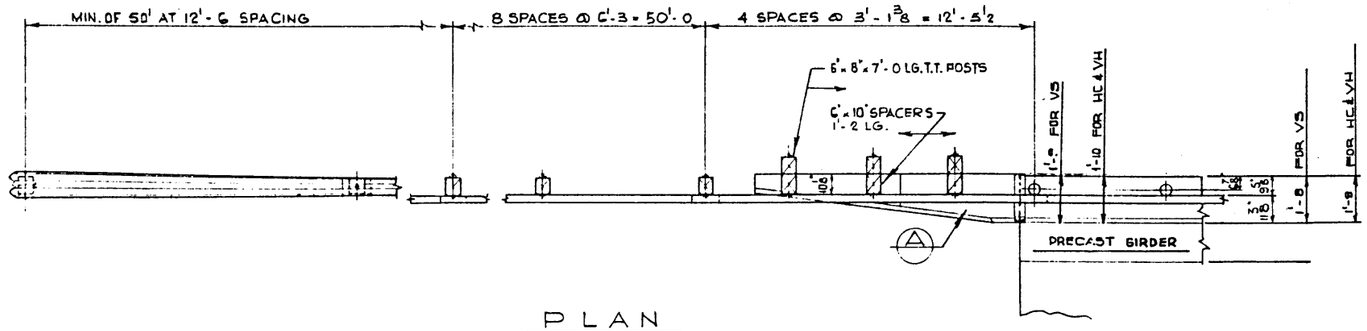
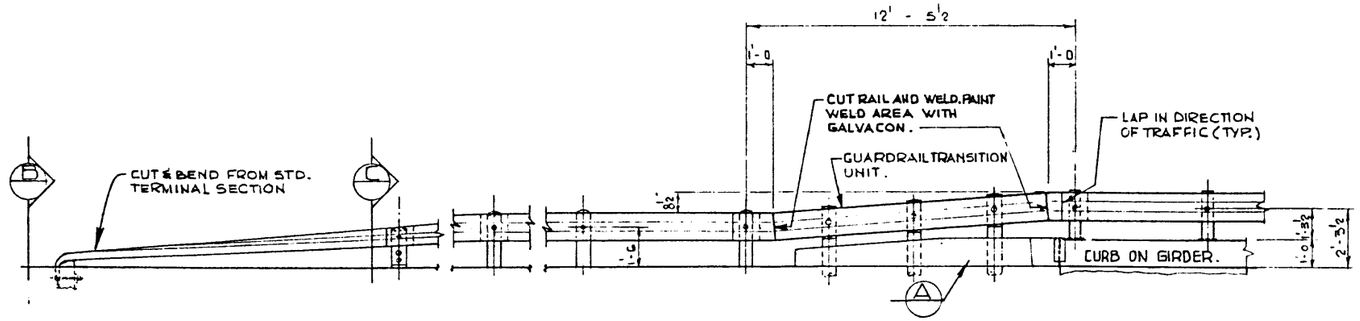


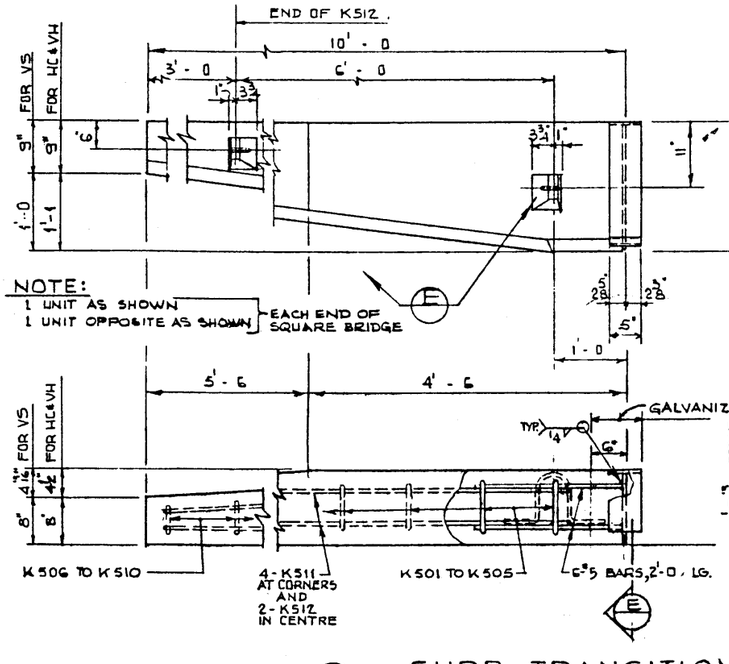
PLAN

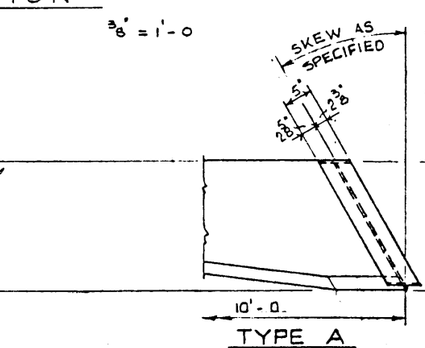
3/8" = 1'-0



ELEVATION

3/8" = 1'-0

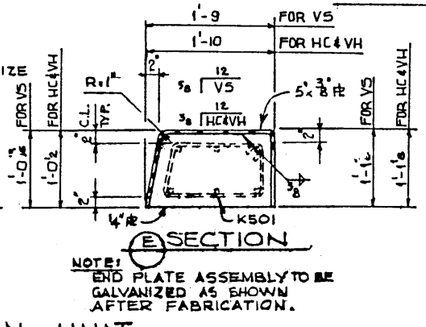




NOTES:
- ALL OTHER DETAILS TO CONFORM TO THOSE SHOWN FOR SQUARE TRANSITION UNIT.
- FOR SKEWED UNITS ADJUST BAR LENGTHS TO SUIT.

SKEWED UNITS

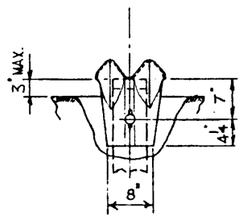
1" = 1'-0



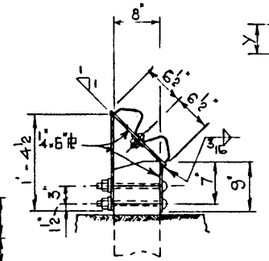
NOTE: END PLATE ASSEMBLY TO BE GALVANIZED AS SHOWN AFTER FABRICATION.

A CURB TRANSITION UNIT

1" = 1'-0



B SECTION



C SECTION

1" = 1'-0

BAR LIST (FOR SQUARE HC & VH CURB TRANSITION UNIT)

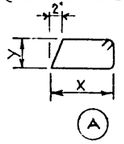
MARK	SIZE	NO.	TYPE	X	Y	LENGTH	WEIGHT
K 501 TO K 505	5	5	A	VARIES FROM 1'-6 TO 1'-0 3/4", IN 1/16" INCR. ONE OF EA.	8"	4'-7 AVE.	24
K 506 TO K 510	5	5	A	VARIES FROM 10 3/4" TO 5", IN 1/16" INCR. ONE OF EA.	VARIES FROM 8" TO 4", IN 1" INCR.	3'-0 AVE.	17
K 511	5	4	STR			9'-8	40
K 512	5	2	STR			6'-10	14

NOTE: REDUCE "X" DIMENSION BY 1/4" FOR SQUARE VS CURB TRANSITION UNIT.

TOTAL LBS. : 95

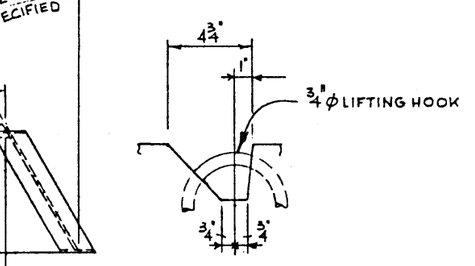
BAR TYPES : N.T.S.

(ALL BAR DIMENSIONS ARE OUT TO OUT.)

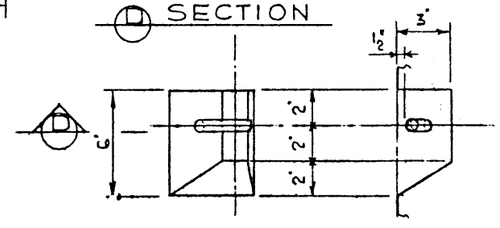


GENERAL NOTES :

- ALL EXPOSED CORNERS TO HAVE A 3/4" CHAMFER OR FILLET.
- GALVANIZING SHALL BE IN ACCORDANCE WITH A.S.T.M. SPECIFICATION A 123.
- UNITS ARE TO CONFORM TO THE REQUIREMENTS OF THE ALBERTA GOVERNMENT SPECIFICATION FOR THE MANUFACTURE OF PRESTRESSED AND PRECAST BRIDGE UNITS B-190-76.
- ESTIMATED WEIGHT OF CURB TRANSITION UNIT 1,901 LB.
- CONCRETE TO BE STANDARD WEIGHT AGGREGATES WITH MAXIMUM AGGREGATE SIZE OF 3/4" INCL MINIMUM. 28 DAY COMPRESSIVE STRENGTH TO BE 4000 P.S.I.
- ENTRAINED AIR SHALL BE NOT LESS THAN 5 %.
- DIAMETERS OF ALL BENDS SHALL CONFORM TO THE RECOMMENDED MINIMUMS AND ALL HOOKS, UNLESS OTHERWISE NOTED SHALL CONFORM TO THE RECOMMENDED SIZES DETAILED IN THE A.C.I. MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
- CONCRETE SHALL ATTAIN AT LEAST 30% OF THE SPECIFIED 28 DAY COMPRESSIVE STRENGTH BEFORE THE UNITS ARE STRIPPED FROM THE FORMS OR LIFTED.



D SECTION



E LIFTING HOOK POCKET

3" = 1'-0

(2)

NO.	DATE	DESCRIPTION	BY
4			
3			
2			
1			
0	NOV 9 76	REDRAWN FROM S-1099	I.A.S.

REVISIONS

APPROVED

CHIEF BRIDGE ENGINEER

DATE

PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS AND TRANSPORT
BRIDGE BRANCH

CURB & GUARDRAIL TRANSITION FOR PRECAST BRIDGES

DESIGNED	DRAWN BY	DATE	CHECKED BY	DATE	STREAM	LOCATION	HWY. NO.	SCALE	FILE NO.	SHEET	DWG. NO.
R.V.K.	P.S.	SEPT 1975								..OF..	S-1099-76

ALTA. G.R. - RECORDS CENTRE
P 2860226