



#### GENERAL NOTES:

This plan shows the construction and installation details for precast stock passes. Details indicated are typical. Alternate designs or methods may be submitted to the Engineer for approval.

Materials and methods of construction shall be in accordance with current Standard and Supplemental Specifications.

The construction and installation of precast stock passes shall conform to the requirements in the section, "Rigid Pipe Culverts," of the specifications insofar as applicable.

Price bid for "Precast Concrete Stockpass Apron", each, and "Precast Concrete Stockpass", of the size specified in meters, shall be considered full compensation for fabrication and installation of stockpass as detailed hereon and as shown on detail project plans.

Reinforcing for intermediate unit shall be W8 wires at 50 millimeter centers for interior hoops and W5 wires at 50 millimeter centers for exterior hoops, with W2 longitudinal wires at 200 millimeter centers interior and exterior.

Reinforcing for wing portion of apron shall be single line W5 transverse wires at 50 millimeter centers, with single line W2 longitudinal wires and additional bar reinforcing as noted.

Wire reinforcing shall meet the requirements of AASHTO M 32. Wires shall be properly lapped as indicated, and clearances shall be as noted.

Structure m	DIMENSIONS FOR APRON (mm)									
	T	T1	B1	H	R	W	X	Y	Z	Z1
1.2 x 1.8	125	125	125	1830	610	1220	970	2130	2130	890
1.5 x 2.1	150	125	190	2130	760	1525	535	2275	2130	1065

Structure m	DIMENSIONS FOR INTERMEDIATE UNIT (mm)					
	H	H1	W	R	T	B1
1.2 x 1.8	1830	1220	1220	610	125	125
1.5 x 2.1	2130	1370	1525	760	150	190

Structure m	DIMENSIONS FOR TONGUE AND GROOVE (mm)							
	T	A	B	B1	E	F	G1	G2
1.2 x 1.8	125	40	65	125	100	20	60	45
1.5 x 2.1	150	55	75	150	125	20	70	60
		55	115	190	125	20	110	60

All dimensions given in millimeters unless noted.

<b>METRIC VERSION</b>	<b>Iowa Department of Transportation</b>	
	<b>Project Development Division</b>	
	<b>STANDARD ROAD PLAN</b>	<b>RF-8</b>
	REVISION: Revise dimensioning for apron and tongue and groove. APPROVED BY DESIGN METHODS ENGINEER	
	REVISION NO. 3 REVISION DATE 10-28-97	

PRECAST STOCK PASS