

## **BEVELED PIPE & GUARD DETAIL**

305 (12) PIPE REINFORCING SCHEDULE					
Mark Req'd	Size	Length	No,		
a	<b>15</b> (5)	2750 (110)	2		
b	<b>15</b> (5)	800 (32)	2		
с	<b>25</b> (8)	<b>850</b> (34)	10		

381 (15) PIPE REINFORCING SCHEDULE					
Mark Røq'd	Size	Ləngth	No.		
a	<b>15</b> (5)	<b>3400</b> (136)	2		
b	<b>15</b> (5)	<b>875</b> (35)	2		
с	<b>25</b> (8)	<b>925</b> (37)	14		

457 (18) PIPE REINFORCING SCHEDULE					
Mark Req'd	Size	Length	No.		
a	<b>15</b> (5)	<b>4050</b> (162)	2		
Ь	<b>15</b> (5)	<b>950</b> (38)	2		
c	<b>25</b> (8)	1000 (40)	18		

## GENERAL NOTES:

Reinforcing steel used in construction of "Beveled Pipe and Guard" shall be deformed bars meeting the requirements of Article 1006.10 of the Standard Specifications. All steel bars shall be hot-dip galvanized in accordance with ASTM A 123 specifications.

Concrete used in construction of the beveled pipe and guard shall be Class "SI" Concrete.

collar is poured.

Engineer.

SPECIAL NOTE:



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DATE Ref Ref Ref

CONTR	RACT NO. 645	77		
 F. A. P. RTE	SECTION	COUNTY	TOYAL SHRETS	SHEET NG
301	*	**	290	129
STA.		TO STA.		
FED. ROAD	DIST. NO. 2 IL	INDIS FIE	D. ALD PROJECT	

Details shown hereon are for the construction of beveled pipe and guard. Alternate designs, methods of construction or materials may be submitted to the Engineer for approval. All methods of construction and materials involved shall conform to current Standard Specifications.

The corrugated metal pipe shall be cut to fit the 1:8 foreslope. Slots shall be cut into the C.M.P. for placement of the No. 25 (8) bars. After the foreslope has been placed, the No. 25(8) bars shall be fitted into the slots cut in the C.M.P. so they will be in proper position when the concrete

This work shall be paid for at the contract unit price per Each for "Beveled Pipe and Guard", as shown hereon and as directed by the

A silt basin will be required immediately upstream from the inlet of culvert. Refer to Standard Road Plan 280001 for construction details.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

(VARIES 51.5'-54') MEDIAN CROSSOVER

BEVELED PIPE	&	GUARD	DETAIL	SHEET	2	of	2
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