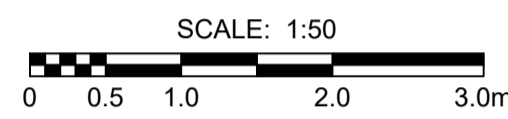
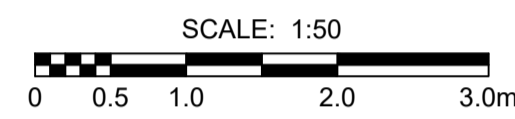


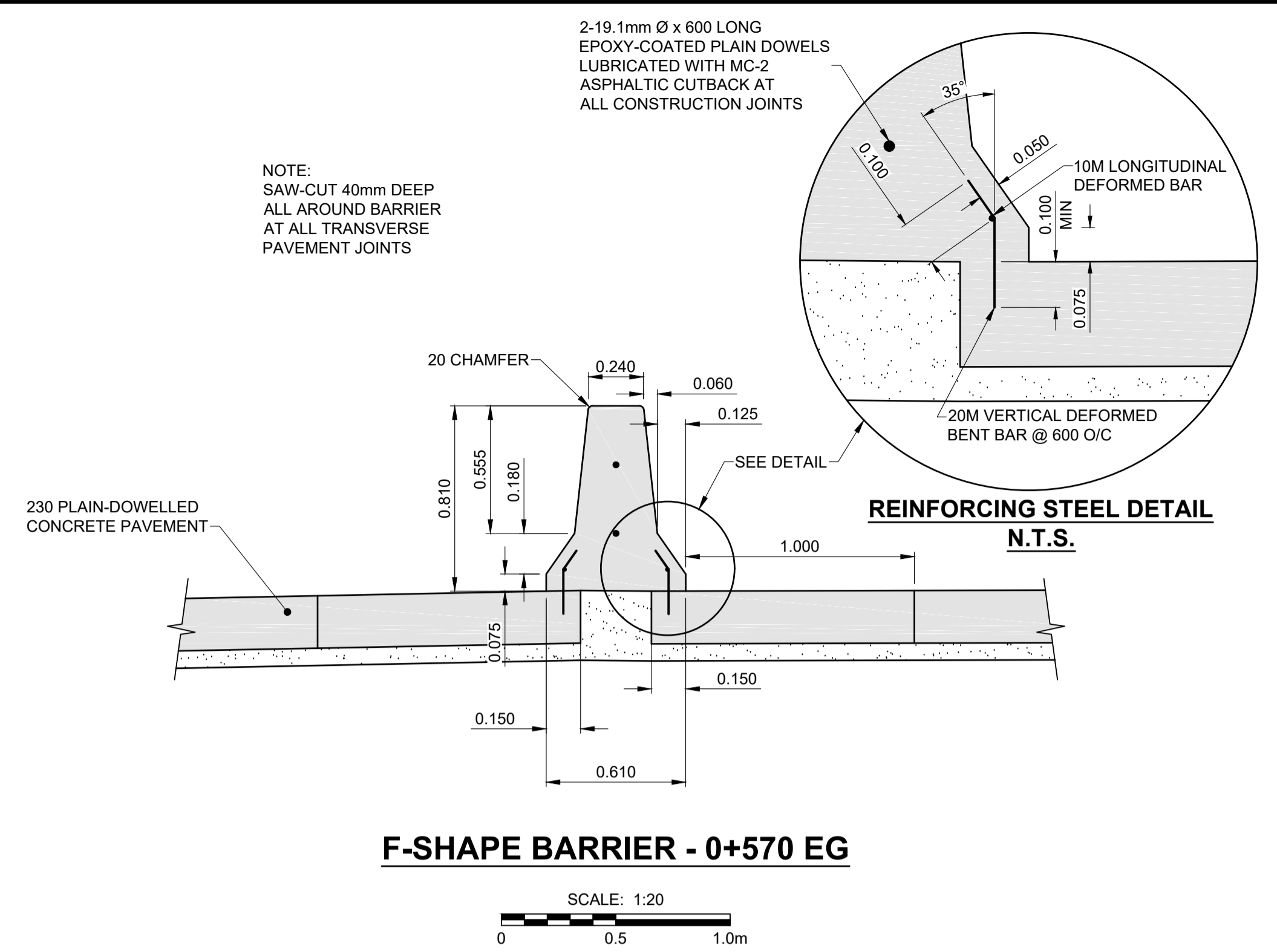
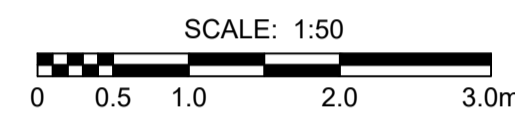
**DETAIL A**  
SAFETY CURB TO  
TRAFFIC BARRIER TRANSITION



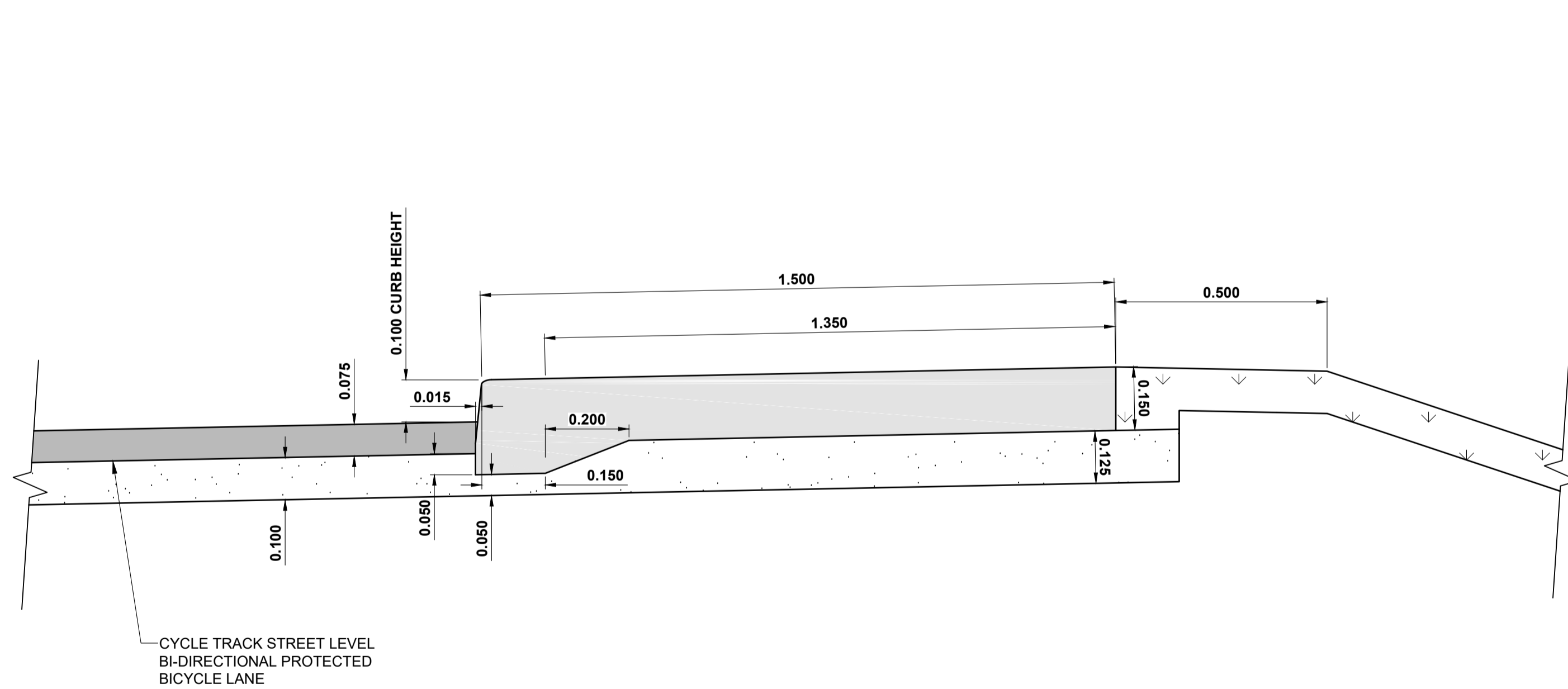
**DETAIL B**  
SAFETY MEDIAN TO TRAFFIC  
BARRIER TRANSITION



**DETAIL C**  
BARRIER CURB TO  
SAFETY CURB TRANSITION



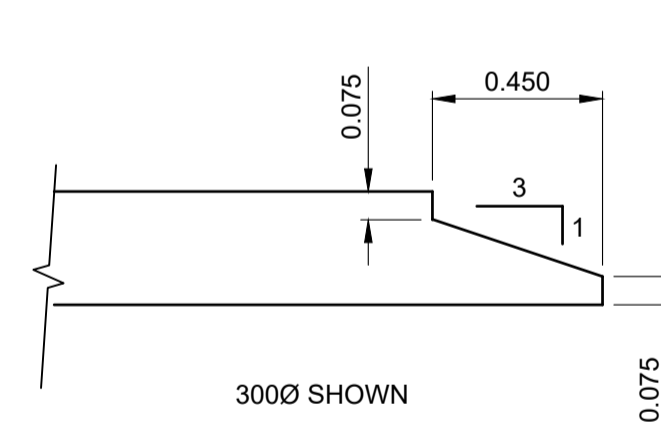
**F-SHAPE BARRIER - 0+570 EG**



**MONOLITHIC CURB AND SIDEWALK FOR ASPHALT CYCLE TRACK-TYPICAL**

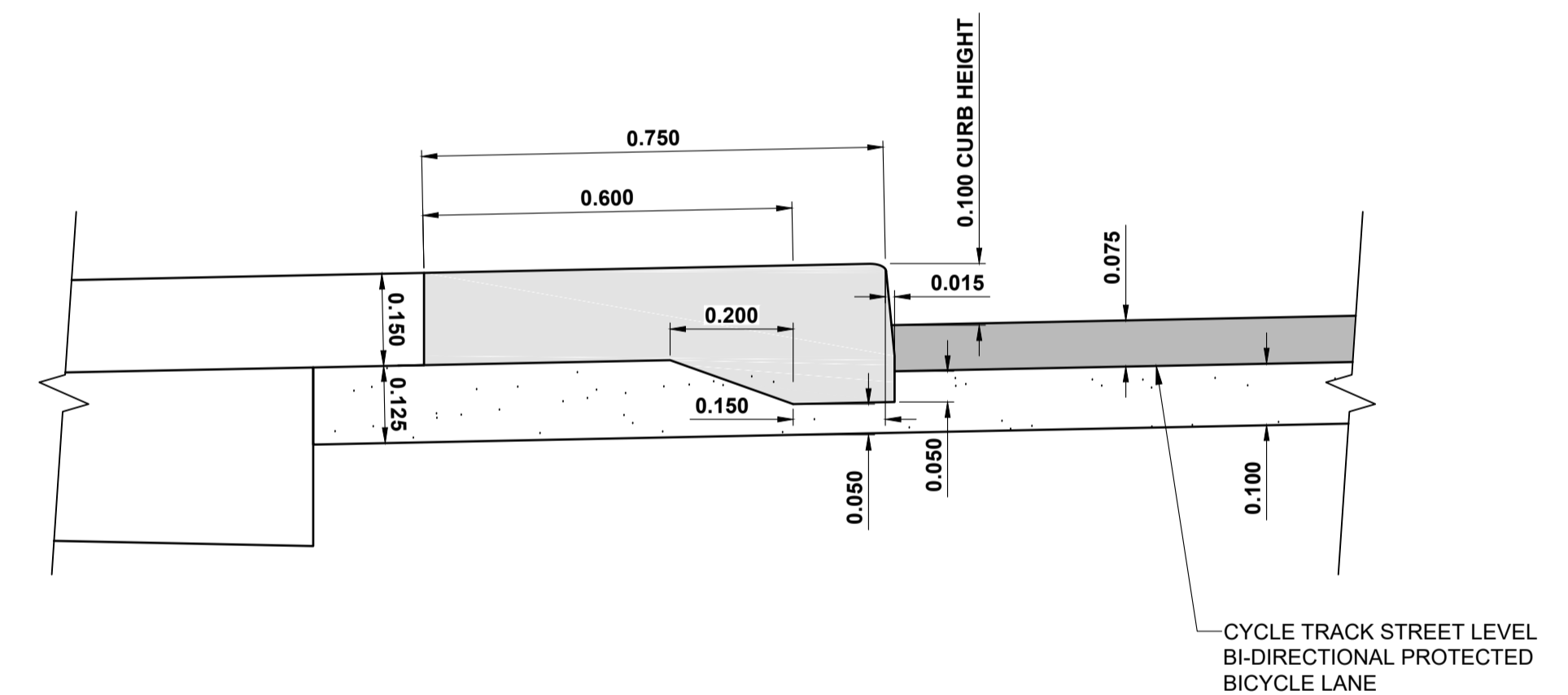


DIAMETER OF PIPE	LENGTH	STEP
250Ø	450	50
300Ø	450	75



NOTE: ALL NEW CSP'S TO BE INSTALLED C/W BEVEL END SECTIONS UNLESS NOTED OTHERWISE.

**CSP BEVEL ENDS**



**SPLASH CURB FOR ASPHALT CYCLE TRACK-TYPICAL**



**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW
	GAS		MANHOLE		CONCRETE PAVEMENT		LOCATION APPROVED
	MTS / PEDESTAL		CATCH BASIN / CATCH PIT		CONC SIDEWALK / MEDIAN		UNDERGROUND STRUCTURES
	HYDRO / CABINET		CURB INLET WITH BOX		ASPHALT PAVEMENT		
	CATV / FIBRE OPTIC		TREE		PAVING STONE		
	TRAFFIC SIGNALS / PIT		TEST HOLE		GRAVEL		
	LAND DRAINAGE SEWER		PROPERTY LINE		RAMP CURB		
	SANITARY/COMBINED SEWER		SURVEY BAR		PLANING / REMOVAL		
	CB LEAD / SSP / DCP		FENCE				
	WATER MAIN		BOC / EDGE OF PAVEMENT				
	SUBDRAIN		ELEVATION (33.333)				
	DITCH		TRAFFIC SIGN				
	LEGEND - PLAN		LEGEND - PLAN				

**LOCATION APPROVED**  
UNDERGROUND STRUCTURES

DATE: \_\_\_\_\_

**NOTE:**  
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

No.	REVISIONS	DATE	BY
B	ISSUED FOR TENDER	18/09/04	RPB
A	ISSUED FOR CLIENT REVIEW	18/06/27	RPB

DESIGNED BY: WRJ	CHECKED BY: RPB
DRAWN BY: DID	APPROVED BY: BWB
RELEASED FOR CONSTRUCTION: N/A	
DATE: 18/09/04	

PROFESSIONAL'S SEAL

PROVINCE OF MANITOBA

R.P. BRUCE

REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME: W160034-67-Empress-Recon-DT-67.dwg

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

**EMPRESS STREET PROJECT**  
PAVEMENT RECONSTRUCTION  
DETAILS  
VARIOUS

CITY DRAWING NUMBER: P-3494-67  
SHEET 67 OF 168  
DRAWING No. 67 REV B

BID OPPORTUNITY No. 602-2018