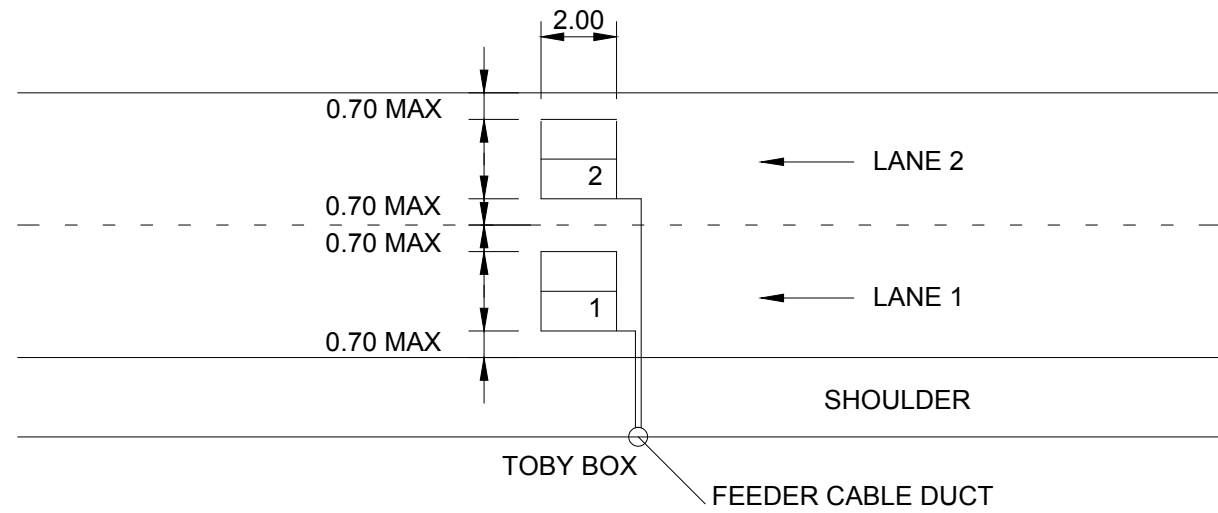
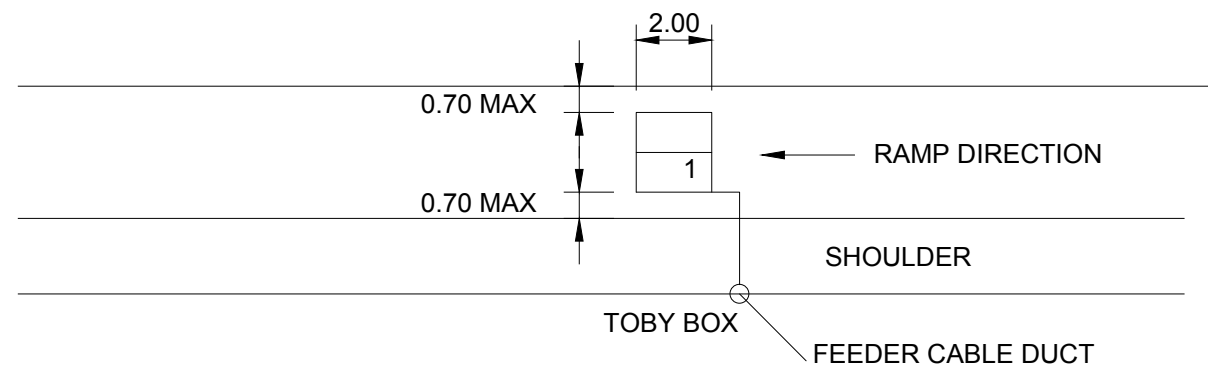


0 10 mm 50 100 200 300 mm



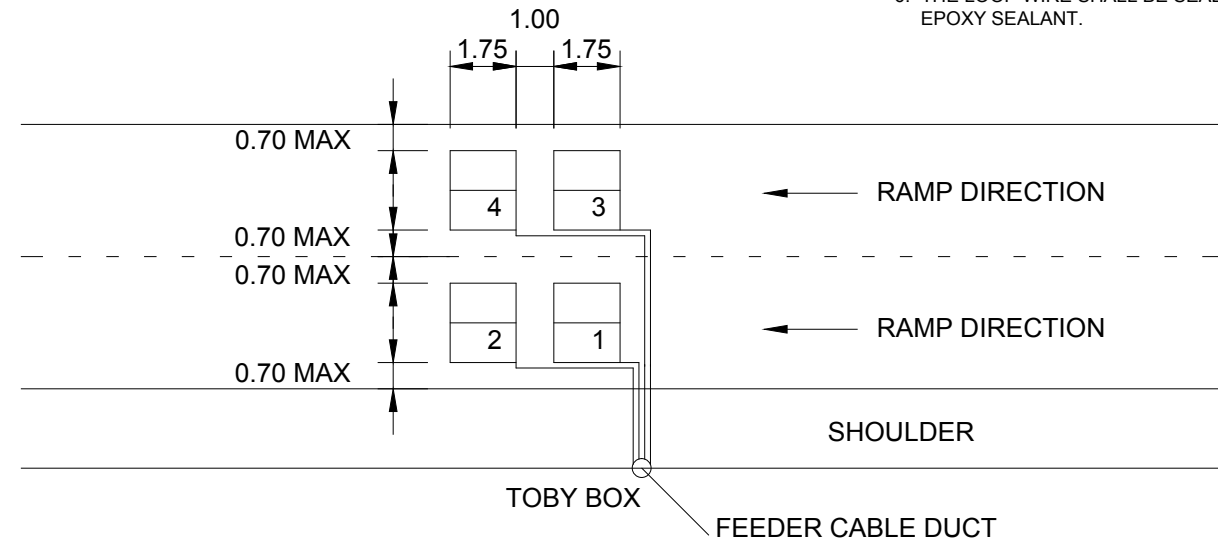
MAINLINE COUNT LOOPS



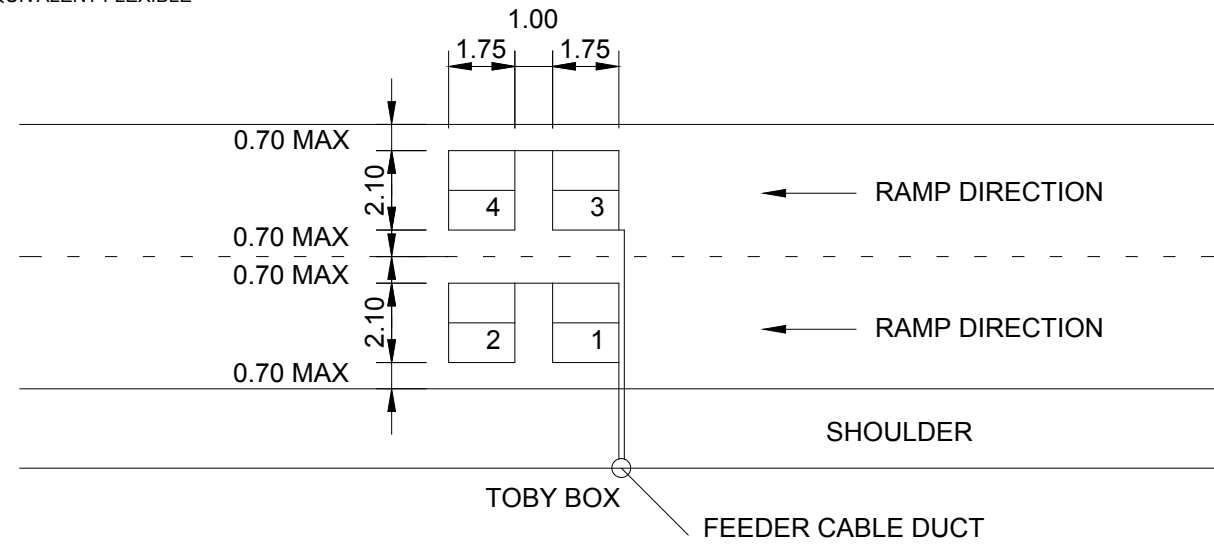
ON RAMP & OFF-RAMP COUNT LOOPS

NOTES:

1. DETECTOR LOOP WIRE SHALL CONSIST OF SINGLE CORE POLYPROPYLENE INSULATED CABLE WITH A NOMINAL CROSS SECTION AREA OF 1.5 mm², THE CABLE SHALL BE LAID IN ONE CONTINUOUS LENGTH, AND SHALL BE LAYED IN A FIGURE OF EIGHT, FOUR TIMES AROUND EACH LOOP.
2. LOOP CABLE SHALL COMPLY WITH AS/NZS2276.3 - 2002 "CABLES FOR TRAFFIC SIGNAL INSTALLATIONS, PART 3 - LOOP CABLE FOR VEHICLE DETECTORS".
3. DETECTOR LOOP WIRE SHALL BE INSTALLED IN A SAW CUT SLOT THAT IS APPROXIMATELY 5 mm WIDE AND 40 mm DEEP TO PROVIDE A MINIMUM TOP COVER OF 12 mm. ALL SAW CUTS SHALL BE STRAIGHT AND SHALL EXTEND PAST THE LOOP CORNERS TO ENSURE THE FULL DEPTH OF THE SAW CUT.
4. THE LOOP CABLE SHALL BE "ROLLED" INTO THE SLOT WITHOUT DAMAGING THE INSULATION.
5. THE LOOP CABLE SHALL BE WOUND AS SHOWN IN N.T.S.S. REV 3.
6. THE LOOP WIRE SHALL BE SEALED WITH TIXOPHALTE OR AN APPROVED EQUIVALENT FLEXIBLE EPOXY SEALANT.



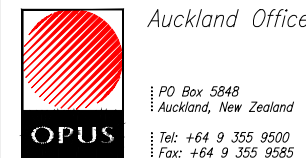
DUAL QUEUE LOOPS



SINGLE QUEUE LOOPS
 LOOPS 1 & 2 CONNECTED AS ONE LOOP
 LOOPS 3 & 4 CONNECTED AS ONE LOOP

DISCLAIMER: SEE SHEET 000-0000-0-7104-00

			BY	CHECKED	DATE
			DESIGN	T.L. HARRIS	11/10
			DRAWN	JWF	11/12
			REC'D	T.L. HARRIS	10/8/11
			APPROVED	S.D. HEWETT	11/12
R3	ITS STANDARDS UPDATE	TLH	5/6/15	This drawing and its contents are the property of Opus International Consultants Limited. Any unauthorised employment or reproduction, in full or in part, is forbidden.	
R2	ITS STANDARDS REVIEW	TLH	13/2/15		
R1	REVISION TO SINGLE COUNT LOOPS	PTA	22/11/12		
	AMENDMENT	APP'D	DATE		



TITLE						NEW ZEALAND TRANSPORT AGENCY INTELLIGENT TRANSPORT SYSTEMS STANDARD					
RAMP SIGNAL SYSTEM LOOP DETAILS											
STATUS			STANDARD			FILE			000-0000-0-7104-08-R3		
SCALE		PLOT DATE		FEATURE IDENTIFIER		CODE		SHEET		REVISION	
AS SHOWN		02/06/15 @ 08:00		1/1061/370		7104		08		R3	

GRAPHIC SCALES

k:\atms\1_1061_370\1_1061_370_7104_08r3.dwg - 08R3 ORIGINAL SHEET SIZE A1 [840x594]