



DETECTOR LOCATION DETAIL

NOTES:

1. DISTANCE OF STOP LINE DETECTORS FROM NOSE IS SUBJECT TO LOCATION OF STOP LINE
2. DISTANCE OF MAINLINE DETECTORS FROM NOSE SUBJECT TO THE NUMBER OF LANES AT THE NOSE AND OVERALL MERGING DISTANCE
3. REFER TO RAMP SIGNALS STANDARD DRAWINGS TC-2290 TO TC-2294.
4. MOUNTING HEIGHT OF ALL APs TO BE BETWEEN 8m AND 10m OR AS APPROPRIATE
5. ANGLE OF ALL APs TO FACILITATE RADIO RECEPTION FROM NEARBY SENSORS AND FROM RPs ALONG THE RAMP AND RPs ON THE OPPOSITE SIDE OF THE FREEWAY
6. ANGLE OF RP TO FACILITATE RADIO RECEPTION FROM NEARBY SENSORS AND RADIO TRANSMISSION TO AP
7. AP AT RAMP TO BE MOUNTED NEAR CONTROLLER ON FREEWAY RAMP SIGNALS POLE. MAST ARM EXTENSION OR GANTRY AS PER DETAIL RAMP SIGNAL STANDARD DRAWINGS OR SEPARATE POLE AS APPROPRIATE

SDATES \$MODELNAME\$
STIMES File Name

E			
D			
C			
B			
A			
ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES

1. BASED ON RAMP WITH 2 LANES AT STOP LINE MERGING TO SINGLE LANE AT NOSE (REFER TO STANDARD DRAWING TC-2290) FOR OTHER ARRANGEMENTS, e.g. RAMPS WITH BYPASS LANES OR 3 OR 4 LANE RAMPS, REFER TO OTHER STANDARD DRAWINGS.
2. STANDARDS FOR ALL EQUIPMENT AND INSTALLATION SHALL BE IN ACCORDANCE WITH RELEVANT VICROADS STANDARD DRAWINGS AND SPECIFICATIONS.

DESIGNED	M80 UPGRADE	07/2015
APPROVED	W HARVEY - MANAGER ITS INFRASTRUCTURE & SYSTEM 08/2015	
CAT:		
PROJ:		
FILE:		

SCALE OF METRES
NTS
HOR
VER

THIS DRAWING SUPERSEDES DRAWING No 541701A			
STANDARD DRAWING			
MANAGED MOTORWAY			
FRS, ERMS AND FDS LAYOUTS			
FREEWAY DATA STATION USING			
WIRELESS VEHICLE DETECTORS			
FILE NO.	CONTRACT NO.	SHEET NO.	ISSUE
			TC-2299