



LANTERN TYPE	PRIMARY DUPLICATE OVERHEAD	PRIMARY PRIMARY	SECONDARY	TERTIARY	OVERHEAD SECONDARY OVERHEAD TERTIARY
Main Aiming Function	Warning	Stopping	Stopping	Stopping	Warning
Essential additional function	Stopping	Starting (See notes)	Starting (See notes)		
Minimum Aiming distances					
50km/h and less	100	60	60	100	
60km/h	130	80	80	130	
70km/h	150	100	100	150	
80km/h	170	120	120	170	
90km/h	190	140	140	190	

Notes:

1. The Secondary and tertiary lanterns are to be turned, if necessary, from the Stopping alignment in order to achieve the Starting aiming distance in accordance with the TSA Signal Faces Guidelines. The change in alignment is the minimum necessary to achieve the Starting Functionality.
2. The starting aiming distance is 3m from the stop line in the centre of the approach or if the display controls only one movement (e.g. an arrow display) the centre of turning lanes that relate to the movement controlled by the display.
3. All aiming distances are measured from the stop line on the approach side of the intersection.

DESCRIPTION	NO.	DATE	PREP	AUTHORISED	TOD AMENDS APPROVED FOR E.D.	TSA 27 DATE	TION DETAILS APPROVED FOR E.D.	CONSTRUCTED DATE
AMENDMENTS								

100 MILLIMETRES ON ORIGINAL DRAWING

FILE NAME : LANTERN AIMING.DWG
 DIRECTORY : H:\WOODLAND\STMS-STANDARDS\

DESIGNED	DATE	BY
DRAWN	DATE	BY
CHECKED	DATE	BY
J. BUCKLAND		
APPROVED	DATE	BY
FOR EXECUTIVE DIRECTOR		
DATE		

CONSTRUCTED DATE	DESIGN	J. BUCKLAND
	DRAWN	LM
	CHECKED	
	J. BUCKLAND	
	APPROVED	
	FOR EXECUTIVE DIRECTOR	
	DATE	

TRANSPORT SA

STANDARD DRAWING
 TRAFFIC SIGNAL FACES
 AIMING OF LANTERN
 DISTANCES

PROJECT START :	PROJECT END :
PROJECT NO SURVEY FILE	AMEND SHEET 1
DRG S-4538	