



Vehicle swept path details

Single deck bus, gw 18000 kg

Technical information:
 Length: 11.60 meter
 Width: 2.55 meter
 Overall height: 3.00 meter
 Wheel base: 5.65 meter
 Max steering angle: 27.67 deg
 Lock to lock time: 6.00 sec
 Design steering angle: 24.90 deg
 Design center radius: 13.42 meter

Note
 Refer to drawing
 Example.008A
 for Alternative/ HGV route.

- NOTES**
- All traffic signs shall comply with Chapter 8 of the Traffic Signs Manual
 - All traffic management equipment shall be provided by the Contractor, unless otherwise specified.
 - All signs shall be positioned so as not to be obscured by any other objects and shall not obstruct any other sign, permanent or temporary as much as is reasonably practicable.
 - The minimum lateral clearance between any area in which work is being carried out and that part of the carriageway available to traffic shall be 0.5m for roads with a speed limit of 40 mph or less and 1.2m for motorways and roads with a speed limit of 50 mph or more.
 - All traffic signs shall meet the reflectorisation requirements of BS 873 : Part 6 : 1983, Table 1.
 - The permitted use of given types of closure shall be as specified.
 - Constraints on the use of given types of closure shall be as specified.
 - The lengths of tapers shown on the standard lane closure drawings are based on a basic lane width of 3.65m, rounded up to generally the nearest 5m. Where the actual lane width varies from this figure the following shall be used to calculate taper lengths:
 Single carriageway road (speed limit 30 mph or less) - Rate of Taper 1 in 15
 Single carriageway road (speed limit 40 mph) - Rate of Taper 1 in 20
 Single carriageway road (speed limit 50 mph or more) - Rate of Taper 1 in 25
 Dual carriageway road without Hard Shoulder (speed limit 40 mph or less) - Rate of Taper 1 in 25
 Dual carriageway road without Hard Shoulder (speed limit 50 mph or more) - Rate of Taper 1 in 32
 Dual carriageway road with Hard Shoulder (any speed limit) - Rate of Taper 1 in 55
 Motorway (any speed limit) - Rate of Taper 1 in 55



To be agreed on site

KEY

- Sign
- WORKS AREA
- WORKING SPACE
- LATERAL / LONGITUDINAL CLEARANCE
- LANE CLOSURE
- TVCBs
- Cone
- Pedestrian barrier
- ← Temporary Traffic light
- Push button console

Rev	Description	By	Chkd	Date
Revisions				

Client
 Your logo here

Project
 Example 8

Title
 Lane closure on 30mph road with VSPA



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Design: AG	Drawn: AG	Chkd: DG
Date: 01.05.14	Date: 01.05.14	Date: 01.05.14
Scale: N.T.S @ A1	Status: PROPOSED	

Drawing No: Example.008 Rev: