



Refer to Drawing  
BXD-101-TM-WF3-0034-00

| TRAFFIC SIGNAL HEAD |                        | RTS 001 |   | RTS 002 |   |
|---------------------|------------------------|---------|---|---------|---|
| ●                   | Signal pole in plinth  | ●       | ● | ●       | ● |
| ●                   | Signal pole            | ●       | ● | ●       | ● |
| →                   | Primary traffic head   | →       | → | →       | → |
| →                   | Secondary traffic head | →       | → | →       | → |
| →                   | Pedestrian head        | →       | → | →       | → |
| →                   | Pedestrian demand unit | →       | → | →       | → |
| →                   | Pedestrian head bagged | →       | → | →       | → |
|                     | Head Configuration     |         |   |         |   |
|                     | Primary                |         |   |         |   |

| LEGEND |   |
|--------|---|
| ●      | Sign Location                               |
| ▨      | Lateral Safety Zone                         |
| —      | M.A.S.S. Barrier System                     |
| —      | Heras Fencing                               |
| —      | Traffic Cones/Pencil Cones                  |
| ▨      | Works Area Surrounded with Approved Barrier |
| ▨      | Longitudinal Safety Zone                    |
| —      | Pedestrian Route                            |

**Design Parameters:**

|                                    |          |
|------------------------------------|----------|
| 1. Statutory Speed of the Road -   | 30km/h   |
| 2. Distance between Advance Signs: | 25m      |
| 3. Number of Advance Signs:        | 2/No     |
| 4. Minimum Visibility of Signs:    | 50m      |
| 5. Longitudinal Safety Zone:       | 5m       |
| 6. Lateral Safety Zone:            | 0.5m     |
| 7. Leading Taper:                  | 1 in 10m |
| 8. Maximum at Tapers Cone Space:   | 3m       |
| 9. Maximum Long. Cone Space:       | 6m       |
| 10. Maximum at Tapers Lamp Space:  | 6m       |
| 11. Maximum Long. Lamp Space:      | 12m      |

- Note:**
- All signs to comply with Chapter 8 of the "Traffic Signs Manual"-Guidance Document.
  - All Traffic Management to be carried out in accordance with Chapter 8 of the "Traffic Signs Manual".
  - Detailed Risk Assessment to be carried out prior to the installation of Traffic Management System.
  - The Contractor shall be responsible for providing all required ramp access to all changes in road surface level where traffic runs on a temporary surface and also for cycle/pedestrian ramps where footpath, cycle paths or any surface which has a level discontinuity as a result of the works.
  - Exact sign positions to be agreed on site.
  - All safety zones to be maintained at all times.
  - All affected Parties and An Garda Siochana to be notified prior to works commencing.
  - Signs to be positioned so as not to cause an obstruction to other road users.
  - All signs to be 600 X 600mm and faced with retro-reflective material to class ref 2 of EN 12899.
  - All delineation devices should be designed in accordance with IS EN 13422.
  - All signage shall be as per table 8.2.1, 8.2.2, 8.2.4 of the "Traffic Signs Manual".
  - Safety barrier to be in accordance with IS EN 1317.
  - "End of Roadworks" sign placed 20m to 50m from end of works area.
  - Access to be maintained to all dwellings /businesses at all times including special provision to be made for disabled access.

|  |      |              |                        |  |   |          |
|--|------|--------------|------------------------|--|---|----------|
|  | Rev: | Description: | Date:                  | Job Details:   | Drawing:                                  | Dwg no:  |
|  |      |              |                        | BXD_101 Luas Cross City Utility Works<br>Grafton Street - College Green<br>(Workfront 3) | Traffic Management Plan for College Green | 0034     |
|  |      |              |                        | Drawing Reference:   | Drawn By:                                 | Rev:     |
|  |      |              | BXD-101-TM-WF3-0034-00 | AK   | 00  | Scale:   |
|  |      |              |                        |  | Date:                                     | 1:250@A1 |
|  |      |              |                        |  | 08.07.2014                                |          |