**SAMPLE APPENDICES**

*[Note to compiler: Include in Appendices 12/1 to 12/8 the information listed below, referring to any drawing numbers where this information is otherwise located.]*

# NG SAMPLE APPENDIX 12/1 TRAFFIC SIGNS: GENERAL

### Schedule of Traffic Signs:

* 1. Location of traffic signs other than those included in Appendices 12/2 to 12/7 inclusive.
	2. Drawing numbers giving Contract-specific details or figure number in the Department of Transport Traffic Signs Manual.
	3. Overall sizes of sign plates.
	4. Requirements for type of material, preparation and finish for traffic sign systems.
	5. The type of sign face material including the performance class of any retroreflective material.
	6. The number, type and size of posts including details of any baseplates or flange plates.
	7. Details of ground screws, retention sockets or anchor bolts.
	8. Details of foundations including cable ducting, reinstatement and any requirements for anchorages and attachment systems including their loadings and torque settings.
	9. Details of any electrical equipment compartments.

### In addition, the following information should be given:

* 1. Any particular requirement for the covering of signs.
	2. Where sign fabrication drawings are not required, the details to be provided for warning and regulatory signs.
	3. Details of location identifying marks.

# NG SAMPLE APPENDIX 12/2 TRAFFIC SIGNS: PERMANENT BOLLARDS, DELINEATOR POSTS AND REFLECTIVE MARKERS

* 1. The performance class of any retroreflective material.
	2. The impact resistance of permanent reboundable bollards and delineator posts.
	3. Fixings for permanent bollards, delineator posts and retroreflective markers.
	4. The types and requirements for retroreflective markers and delineator posts.
	5. The testing requirements and method of testing of permanent bollards, delineator posts and retroreflective markers.

# NG SAMPLE APPENDIX 12/3 TRAFFIC SIGNS: ROAD MARKINGS AND STUDS

* 1. Requirements for permanent road markings including colour, location and material type. [Any requirements for reflectorisation and for a tack coat should also be stated as should those for raised profile edge markings.]
	2. Locations where class S3 or higher skid resistance to Table 7 of IS EN 1436 is required for permanent road markings.
	3. Locations where gaps are required in raised profile edge markings.
	4. Requirements for temporary road markings.
	5. Limitations on the use of prefabricated temporary road marking materials.
	6. Requirements and locations for retroreflecting road studs.
	7. Requirements for the temporary covering of road studs and road markings.

# NG SAMPLE APPENDIX 12/4 TRAFFIC SIGNS: CONES AND CYLINDERS

* 1. Types of traffic delineators other than cones and cylinders.
	2. The requirements and method of testing delineators other than cones and cylinders [cross referenced in Appendix 1/5].

# NG SAMPLE APPENDLX 12/5 TRAFFIC SIGNS: TRAFFIC SIGNALS

### Permanent Traffic Signals

* 1. Locations for:
		1. Signal heads.
		2. Controller.
		3. Ducting of carriageway and cable crossings.
		4. Electricity supply.
		5. Detection (including control units).
		6. Posts and gantries.
		7. Cables and routes.
		8. Telecommunications carrier interface.
		9. Inspection chambers.
		10. Road markings.

# NG SAMPLE APPENDIX 12/5 TRAFFIC SIGNS: TRAFFIC SIGNALS (Continued)

* 1. Equipment:
		1. Vehicular signal heads.
		2. Pedestrian signal heads.
		3. Signal heads for cyclists.
		4. Light Rapid Transit (LRT) signal heads.
		5. Push buttons for pedestrians (including audible and tactile equipment).
		6. Additional signs.
		7. Green arrow aspects.
		8. Twin head or more with or without combinations of the above.
	2. Operation:
		1. Phasing/staging.
		2. Timings.
		3. Special functions.
		4. Linking.
	3. Detection:
		1. Type (Loop and above ground detection).
		2. Loop: location, configuration, size, shape, facilities.
		3. Power supply and cabling.
	4. Testing:
		1. Factory.
		2. Site.
	5. Special road surfacing.
	6. Locations of other services (gas, water, electricity, etc.).
	7. Maintenance and servicing requirements.

# NG SAMPLE APPENDED 12/5 TRAFFIC SIGNS: TRAFFIC SIGNALS (Continued)

### Temporary Traffic Signals Specified by the Engineer

Generally as for 1 above with the exclusion of:

* 1. as this is liable to alteration during the progress of Works, it should state at what stages during the Works temporary traffic signals are required.
	2. (b) to (d) inclusive.
	3. (a).

Add with regard to:

* 1. "a power supply may be a portable generator".
	2. cable crossing protection.

## Traffic Signs

### Signal Pedestrian Crossings

*[Generally as for 1 above.]*

### Zebra Crossings

* 1. Location.
		1. Road markings.
		2. Beacons.
		3. Electricity supply.
	2. Materials.
		1. Road surfacing.
		2. Road markings.
1. Specifications
	1. traffic signal equipment.
	2. controllers.
	3. cabling.
	4. detector loops.
	5. testing specifications.

# NG SAMPLE APPENDIX 12/6 TRAFFIC SIGNS: SPECIAL SIGN REQUIREMENTS ON GANTRIES

1. Material and constructional requirements for gantries.
	1. Mounting details for traffic signs on gantries.

*[Electrical equipment should be described in Appendix 14/5. Traffic signs including variable message*

*signs and matrix signals should be described in Appendix 12/1.]*

# NG SAMPLE APPENDIX 12/7 TRAFFIC SIGNS: PREPARATION AND FINISH OF METAL AND OTHER SURFACES

*[Note to compiler: List here any additional requirements not contained in Clause 1208, or requirements different to those therein.]*