



GT50/66/0003

**ROAD TRAFFIC REGULATION ACT 1984 – SECTIONS 64 AND 65
AUTHORISATION OF TRAFFIC SIGNS AND SPECIAL DIRECTIONS**

The Secretary of State for Transport, in exercise of his powers under Sections 64 and 65 of the Road Traffic Regulation Act 1984, and of all other powers enabling him in that behalf, and also for the purpose of controlling traffic flow on London Road near De Montfort Street, Leicester, hereby:-

1. authorises the erection at or within 2 metres of the site marked with a green cross on the attached plan numbered GT50/66/0003-1 of a light signal (hereinafter referred to as "the authorised light signal") conforming as to size, colour and character with the light signal shown in diagram 3000 in Schedule 8 to the Traffic Signs Regulations 2002 (Part I of SI 2002/3113, "the 2002 Regulations"), save that the height from the footway to the centre of the amber signal shall be 4.4 metres; and
2. directs that the authorised light signal may only be placed at the said sites if the apparatus (including the content of all instructions stored in it) used in connection with it is of a type which has been approved by the Secretary of State as appropriate to the site and application; and



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3. directs, without prejudice to any statutory provision to the like effect, that it is a condition of this authorisation that the erection of the authorised light signal at or near the said site shall continue to have effect only until such day as may be appointed by one month's notice given by the Secretary of State in writing to the traffic authority for the removal or alteration of the authorised light signal and on that day the said authorisation shall, without prejudice to the giving of any further authorisation or direction, cease to have effect.

The provisions of Regulations 12 and 33 of the 2002 Regulations shall apply to the authorised light signal in the same manner as they apply to the light signal shown in diagram 3000 in Schedule 8 to those Regulations.

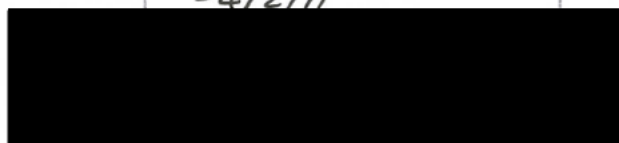
Dated 27 January 2011
Signed by authority of the Secretary of State



.....
A Grade 7 Official of the Department for Transport

CERTIFIED TRUE COPY

24/2/11



DEPARTMENT FOR TRANSPORT

Toucan Method of Control

Stage 1	Stage 2	Indication to Vehicles	Indication to Cyclist/Pedestrians	Duration (Sec)	
		Green	Red Man	Min 7	Max 24
		Amber	Red Man	3	
		Red	Red Man	3	
		Red	Green Cycle / Green Man	5	
		Red	No signal (Black Out)	Min 3	Max 10
		Red	Red Man	1	
		Red and Amber	Red Man	2	
Traffic Phase A	Pedestrian / Cycle Phase B	Green	Red Man	Min 7	Max 24

SIGNALS KEY

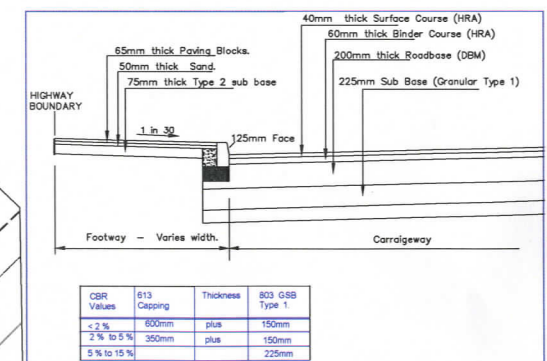
- SIGNAL HEAD WITH PRIMARY HOODS (ON 4m POLE)
 - TOUCAN HEAD (PED / GREEN MAN - GREEN CYCLE-SIDE MOUNTED)
 - PBU ON POLE
 - PBU ON 4m POLE WITH RADIX TACTILE EQUIPMENT
 - Crank Poles 500mm (OR TO FIT) EXTENSION BRACKET
 - AGD 200 MICROWAVE VEHICLE DETECTOR
 - AGD ON CROSSING PEDESTRIAN DETECTORS
 - FEEDER PILLER
 - CONTROLLER
 - POLE NUMBER
- NOTES:
1. SOLAR CELL TO BE POSITIONED BY THE INSTALLATION ENGINEER

SIGNAL WORK NOTES.

- ALL SIGNAL WORK SHALL COMPLY WITH THE LCC SPECIFICATION FOR SIGNALS WORK 10/97 ISSUE 103.
- ALL SIGNALS WORK MUST BE COORDINATED WITH OTHERS WORKING ON THE SCHEME.
- THE SIGNAL CONTRACTOR SHALL CO-ORDINATE AND GIVE ADEQUATE NOTICE TO THE CIVIL'S CONTRACTOR FOR ANY ASSISTANCE REQUIRED.
- ALL TRAFFIC SIGNAL POLES SHALL BE SUPPLIED BY THE SIGNAL CONTRACTOR FOR INSTALLATION BY THE CIVIL'S CONTRACTOR.
- ALL SIGNAL POLES SHALL BE GALVANISED AND COATED WITH BLACK PLASTIC SUPPLIED WITH POLE CAPS.
- ALL TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED SUCH THAT THERE WILL BE A CLEARANCE OF 450mm BETWEEN SIGNAL EQUIPMENT AND THE KERB FACE.
- ALL COMBINED PEDESTRIAN/CYCLE AND PEDESTRIAN HEAD SHALL BE SIDE MOUNTED.
- ALIGNMENT OF TRAFFIC SIGNAL HEADS SHALL BE AGREED ON SITE.
- PBUS ARE TO BE FITTED AS SHOWN AND SHALL BE IN LINE WITH PEDESTRIAN STRID LINE. TACTILE INDICATOR UNITS SHALL BE FITTED TO PBUS AS SHOWN.
- THE CONTRACTOR SHALL ALLOW FOR ALL THE NECESSARY FITTINGS AND DRILLING TO ENABLE THE INSTALLATION OF THE TRAFFIC SIGNAL EQUIPMENT INCLUDING INSTALLATION ON THE NEW LIGHTING COLUMNS, LC/TS NO. 6 & 11.
- PROVIDE AND INSTALL A NEW ELV CONTROLLER IN PLACE OF THE EXISTING CONTROLLER POSITION.
- THE EXISTING CONTROLLER SHALL BE DISCONNECTED, REMOVED AND DELIVERED TO STORE OFF SITE AT MATRIX HOUSE ON ST. GEORGES WAY.
- THE TRAFFIC SIGNAL CONTRACTOR SHALL ALLOW FOR THE DISCONNECTION AND DISPOSAL OF ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, REDUNDANT CABLES FOR SCOOT AND COUNT LOOPS AFFECTED BY THE PROPOSED WORKS.
- ALL CABLES, FEEDERS AND JOINTS SHALL BE INSTALLED BY THE TRAFFIC SIGNAL CONTRACTOR. DETECTOR LOOPS FOR STOP LINE AND SCOOT WILL BE INSTALLED BY AREA TRAFFIC CONTROL'S APPOINTED CONTRACTOR.
- THE CONTROLLER BASE SHALL BE RE-SEALED PRIOR TO COMMISSIONING AFTER COMPLETION OF ALL THE CABLEING WORKS.
- STREET LIGHTING DUCTS MAY USE SIGNAL DUCT ROAD CROSSINGS, HOWEVER, STREET LIGHTING DUCTS WILL NOT ENTER SIGNALS INSPECTION CHAMBERS.
- ALL DUCTS WILL BE LEFT WITH DRAW CORDS IN THEM. EXTREME CARE MUST BE TAKEN TO AVOID ANY DAMAGE TO EXISTING CCTV CABLES WHILST INSTALLING NEW TS AND DETECTION CABLES USING THE SAME DUCTS.
- FOR 'A' TYPE CHAMBER DETAILS, SEE COUNTY COUNCIL'S STANDARD (CCS) DRG. NO. SD/12/32.
- FOR TYPE 'B' CHAMBER DETAILS, SEE CCS DRG. NO. SD/12/31.

KEY

- All dimensions in meters, unless otherwise stated.
- Saw cut carriageway to accommodate new kerbing, duct crossings and drainage trenches. Provide 125x150mm PC kerbs to all new crossings. Standard kerb to have 125mm face.
- All the duct crossing trenches in carriageway are to be backfilled with class ST 4 concrete and reinstated with 40mm thick 14mm aggregate Rolled Asphalt Surface course.
- All carriageway joints, in flexible construction, visible following completion of the works shall have been cut with a mechanical saw and sealed with hot poured bitumen.
- It is the contractors sole responsibility to satisfy himself as to the exact location of any services before work commences. Damage to existing services due to the contractors activities shall be solely the responsibility of the contractor.
- The contractor is to liaise and co-ordinate his work with the statutory undertakers and Street Lighting Section.
- Back of footway levels remain as existing.
- The locations for the new gullies, tactile paving, chambers and the like are to be agreed on site with the Engineer.
- All Lining work to be in accordance with Traffic Signs Regulation and General Direction.
- Setting out details and level details are to be issued to the successful contractor and to be agreed on site with the Engineer prior to start of work.
- All the traffic safety and management to comply with and to be in accordance with Chapter-8 of the Traffic Signs Manual. Pedestrian access must be maintained at all times.



TYPICAL CARRIAGEWAY CONSTRUCTION DETAIL. - (nts).

Civils Key.

- New Bitumen Footway.
- Proposed shared Pedestrian and Cycle Way.
- Existing Red anti-skid for Bus Lanes
- New Carriageway Construction
- Block Paving (relay).
- Segregated Cycle Corduroy Paving
- Proposed drop kerbs.
- Proposed Pedestrian Guard Rails
- Proposed/Existing type "A" inspection chamber.
- Proposed type "B" inspection chamber.
- Proposed 1x100mm Orange duct in footway.
- Existing 1x100mm Orange duct in carriageway.
- Existing 2x100mm Orange duct in carriageway.
- Existing 3x100mm Orange duct in carriageway.
- Proposed 1x50mm P.V.C orange ST. Lighting duct.
- Proposed Bus Kerbs.
- Existing kerbline.
- Proposed new PC Kerbs.
- Roadmarkings
- Cycleway sign on Bollard. Sign Varies according to type of cycleway
- Existing Cast Iron Bollards.
- Tactile paving (controlled crossing).
- Tactile paving (uncontrolled crossing).
- Illuminated Bollard
- Proposed New Gullies.
- Existing Gullies.

LONDON ROAD

DE MONTFORT STREET

LONDON ROAD

Residents Parking Bay

PREBEND STREET

Revision Amendment Date

Leicester City Council

Regeneration, Highways & Transportation Division

CLIENT Project Management

TITLE London Road Cycling Facilities. Demonfort Street Detailed Design

DRAWING No. HT/C300341/L(0)/964

REV SCALE 1:200

DRAWN BY H SOLANKI DATE NOVEMBER 2010

CHECKED TB SIZE A1

ACAD FILE DEMONFORT-1 UPRN UPRN