

Delegated Decision

20 September 2024

Temporary Traffic Regulation Order

Ordinary Decision/Key Decision No.



Report of NEIGHBOURHOODS & CLIMATE CHANGE

Paul Anderson – Strategic Highways Manager, Technical Services

Electoral division(s) affected:

Horden Ward: Cllr I McLean, Cllr J Clark

Purpose of the Report

To consider a request for temporary traffic regulation by Order on 21 October 2024 for the purpose of street lighting column renewal works on Warren Street back, Horden.

Recommendation

It is recommended that the Council exercises its powers under the Road Traffic Regulation Act 1984 to effect a Temporary Traffic Regulation Order to facilitate the proposed works

Background

Works are proposed by DCC to undertake street lighting column and cabling renewal works within the confines of the highway.

Options

Other traffic management arrangements have been considered and the most appropriate method is for temporary road closure for approx. 3 weeks.

Recommendation

The recommendation is approved and that following, consultations with the Chief of Police, arrangements be made to progress the advertising of Public Notices and sealing of an Order.

Contact: Steven Galloway

Tel: 03000 267095

Appendix 1: Implications

Legal Implications

TTRO checked, prepared and advertised via Legal Services

Finance

Costs to be charged to the scheme/applicant.

Consultation

Chief of Police, Local Members, Public Transport Providers (via the Public Transport Team)

Equality and Diversity / Public Sector Equality Duty

N/A

Human Rights

No impact

Crime and Disorder

N/A

Climate Change

N/A

Staffing

Network Management Team

Accommodation

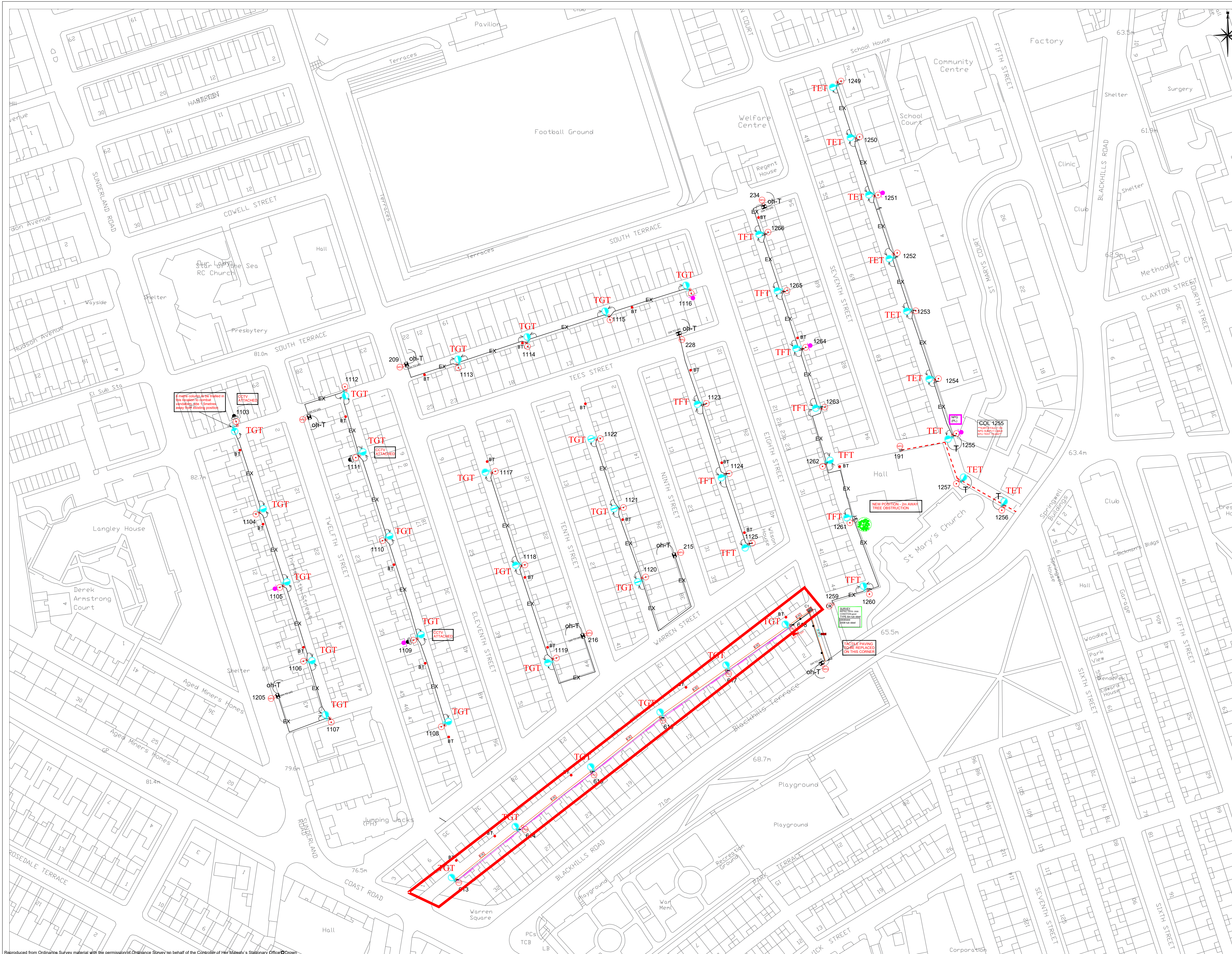
N/A

Risk

N/A

Procurement

Advertising in a public newspaper with costs recharged to the scheme/applicant



GENERAL CONTRACT NOTES

ALL EQUIPMENT AND INSTALLATION WORK SHALL BE IN ACCORDANCE WITH THE DURHAM COUNTY GENERAL SPECIFICATION FOR STREET LIGHTING AND THE FOLLOWING:-

- 1) ALL LIGHTING COLUMNS SHALL BE SUITABLE FOR THE FITMENT WEIGHT AND WINDAGE OF THE LANTERN SPECIFIED AND DESIGNED IN ACCORDANCE WITH THE SPECIFICATION
- 2) COLUMN IDENTIFICATION NUMBERS TO BE PROVIDED ON REQUEST BY THE LIGHTING ENGINEER
- 3) ALL COLUMN POSITIONS TO AGREED BY THE ENGINEER PRIOR TO ERECTION
- 4) THE DRAWING IS SCHEMATIC ONLY
- 5) ELECTRICAL WORK SHALL COMPLY IN ALL RESPECTS WITH THE 18TH EDITION OF THE I.E.E WIRING REGULATIONS BS:7571 AS AMENDED
- 6) ON COMPLETION AN ELECTRICAL TEST CERTIFICATE FOR EACH LIGHTING COLUMN, ASSOCIATED CABLE AND SWITCHGEAR SHALL BE COMPLETED AND RETURNED BY THE CONTRACTOR
- 7) ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE CONSTRUCTION, DESIGN AND MANAGEMENT REGULATIONS WHERE THE EXTENT OF THE WORKS IS SUCH THAT THE REGULATIONS APPLY. PRECAUTIONS MUST BE TAKEN TO ENSURE THAT NO DAMAGE IS CAUSED TO UNDERGROUND OR OVERHEAD SERVICES. BEFORE DIGGING OR ERECTING NEW OR REMOVING EXISTING COLUMNS, REFERENCE SHOULD BE MADE TO:
 - (a) THE I.L.P. CODE OF PRACTICE FOR ELECTRICAL SAFETY IN HIGHWAY ELECTRICAL OPERATIONS TOGETHER WITH THE I.L.P. SUPPLEMENT ENTITLED "SAFETY DURING THE INSTALLATION AND REMOVAL OF LIGHTING COLUMNS AND SIMILAR STREET FURNITURE IN PROXIMITY TO HIGH VOLTAGE OVERHEAD LINES"
 - (b) HEALTH AND SAFETY EXECUTIVE BOOKLET HS(G)47 "AVOIDING DANGER FROM UNDERGROUND SERVICES" AND H.S.E GUIDANCE NOTE GS6 "AVOIDANCE OF DANGER FROM OVERHEAD ELECTRIC LINES" AND
 - (c) THE ELECTRICITY ASSOCIATION ENGINEERING RECOMMENDATION G39/1 NORTHERN ELECTRIC SAFETY CODE OF PRACTICE E4 COVERING ELECTRICAL SAFETY AND PLANNING, INSTALLATION, COMMISSIONING AND MAINTENANCE OF PUBLIC LIGHTING ETC.

- ### SCHEME LEGEND
- EXISTING 9M MOUNTING HEIGHT TUBULAR STEEL SHEET PILECAST IRON LIGHTING COLUMN TO BE REMOVED TO TOP OF SITE
 - EXISTING COLUMN IDENTIFIED ON ASSETS SCHEDULE FOR A REPLACEMENT HAS BEEN VISUALLY INSPECTED ON SITE AND THE SURVEYOR REPORT HAS FOUND THAT THE COLUMN IS IN A GOOD OR EXCELLENT CONDITION AND THEREFORE THE RECOMMENDATION IS NOT TO BE REPLACED. NOTES SHOWN ON THE DRAWING IF AVAILABLE FOR AGE AND TYPE OF COLUMN. DATABASE TO BE UPDATED - ASSETS TO DETERMINE A NEW DATE FOR THE ACTION AGE.
 - EXISTING NPG POLE
 - EXISTING DCC WOOD POLE TO BE REMOVED
 - EXISTING UNDERGROUND TO OVERHEAD CONTROL BOX TO REMOVE
 - EXISTING OVERHEAD TO UNDERGROUND CONTROL BOX TO BE REPLACED WITH STANDARD DETAIL DRAWING NO. TP0247-DCC-LE-13-24
 - FOLLOWING ON SITE SURVEY CHECK TESTS, THE EXISTING DCC UNDERGROUND SUPPLY CABLE IS TO REMAIN - DISCONNECTED FROM THE CABLE ROUTES. THE JOINTING IS NECESSARY AND DIVERT TO NEW COLUMN POSITION (AS SHOWN IN CABLE ROUTES. NOTES NOT BEEN TRACED AND ARE ASSUMED ROUTES ONLY) ON COMPLETION OF THE ALTERATION WORK FULL CABLE TESTS ARE REQUIRED TO VERIFY THAT THE TEST RESULTS STILL COMPLY WITH IET WIRING REGULATIONS BS7571
 - EXISTING DCC OVERHEAD LINE SUPPLY TO BE DISCONNECTED AND REMOVED
 - EXISTING CCTV CAMERA - TRANSFER TO NEW COLUMN
 - EXISTING NON-ILLUMINATED SIGN PLATE TO BE TRANSFERRED TO NEW COLUMN OR NEAREST COLUMN (0.5m)
 - EXISTING BT WOOD POLE
 - REF: 4216 (INLAND/COASTAL) PROPOSED "FABRIKAT" 6 METRE MOUNTING HEIGHT TUBULAR STEEL LIGHTING COLUMN, 6M POST TOP MOUNTED NEW LED LANTERN (SEE LED SCHEDULE FOR LANTERN TYPE AND QUANTITY)
 - REF: 4218 (INLAND) PROPOSED "FABRIKAT" 6 METRE MOUNTING HEIGHT TUBULAR STEEL LIGHTING COLUMN, 6M POST TOP MOUNTED NEW LED LANTERN (SEE LED SCHEDULE FOR LANTERN TYPE AND QUANTITY)
 - 6-3C PROPOSED 6mm² ALUPE SWA 3 CORE CABLE INSTALLED IN NPG (UNLESS STATED OTHERWISE) INTERNAL DIAMETER 50mm (UNLESS STATED OTHERWISE) INTERNAL DIAMETER BORE HEAVY DUTY ORANGE STREET LIGHTING SERVICE DUCT INSTALLED IN CARBON/STEEL PREFERRED METHOD (DIRECTIONAL DRILLING IF POSSIBLE)
 - 6-3FL PROPOSED 6mm² ALUPE SWA 3 CORE CABLE INSTALLED IN NPG (UNLESS STATED OTHERWISE) INTERNAL DIAMETER 50mm (UNLESS STATED OTHERWISE) INTERNAL DIAMETER BORE HEAVY DUTY ORANGE STREET LIGHTING SERVICE DUCT INSTALLED IN FLAGSTONE/FORMWORK
 - PROPOSED (NPG) LOW VOLTAGE UNDERGROUND SERVICE TRANSFER CONNECTION
 - PROPOSED (NPG) LOW VOLTAGE OVERHEAD SERVICE TRANSFER CONNECTION
 - NPG NPG SUPPLY (CONTROLS PUBLIC LIGHTING CIRCUIT)
 - PROPOSED 450mmx450mmx450mm (DEEP) ACCESS CHAMBER LOCATED IN DRIVEWAY COMPLETE WITH DUCTILE IRON COVER AND FRAME TYPE C250 FOR VERTICAL LADING 25 TONNE, MANUFACTURED BY MAF OR SIMILAR APPROVED TYPE

LED SCHEDULE

CHARGE TO CAPITAL	
TET - FABRO PRO 1212 (2WATT) - 3000	(LANTERN SET @ 6' TILT)
TFT - FABRO PRO 1212 (2WATT) - 1800	(LANTERN SET @ 6' TILT)
TGT - FABRO PRO 1212 (2WATT) - 2000	(LANTERN SET @ 6' TILT)

01B	10.7.24	NR	NR	6m Cols changed to heavy duty coastal - 4400
01A	17.5.24	NR	NR	Column 1103 changed from 6m to 8m
Rev/	Date	Initial	Chk'd	Details
Amtd				

CONSTRUCTION

Durham County Council
CORPORATE DIRECTOR, NEIGHBOURHOODS AND CLIMATE CHANGE
DURHAM COUNTY COUNCIL
Tel: 0300 261100, www.Durham.gov.uk

Project: CAPITAL COLUMN REPLACEMENT PROGRAMME 2023/24

Drawing: PROPOSED REMOVAL AND REPLACEMENT OF OLD STREET LIGHTING STOCK WITH NEW

Drawn	: NR	Date	: 8/5/2023
Designed	: NR	Date	: 8/5/2023
Checked	: BK	Date	: 15/5/2023
Approved	: LD	Date	: 15/5/2023

Drawing No: CP0411_DCC_LE_13_01
Location: SCHEME NCC 048 VARIOUS STREETS, DURHAM

Revision	: 01B
Location	: SCHEME NCC 048 VARIOUS STREETS, DURHAM
Drawing Scale:	: 1:500
Original Sheet size:	: A0

DO NOT SCALE FROM DRAWING

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