



WOKINGHAM MAJOR HIGHWAYS

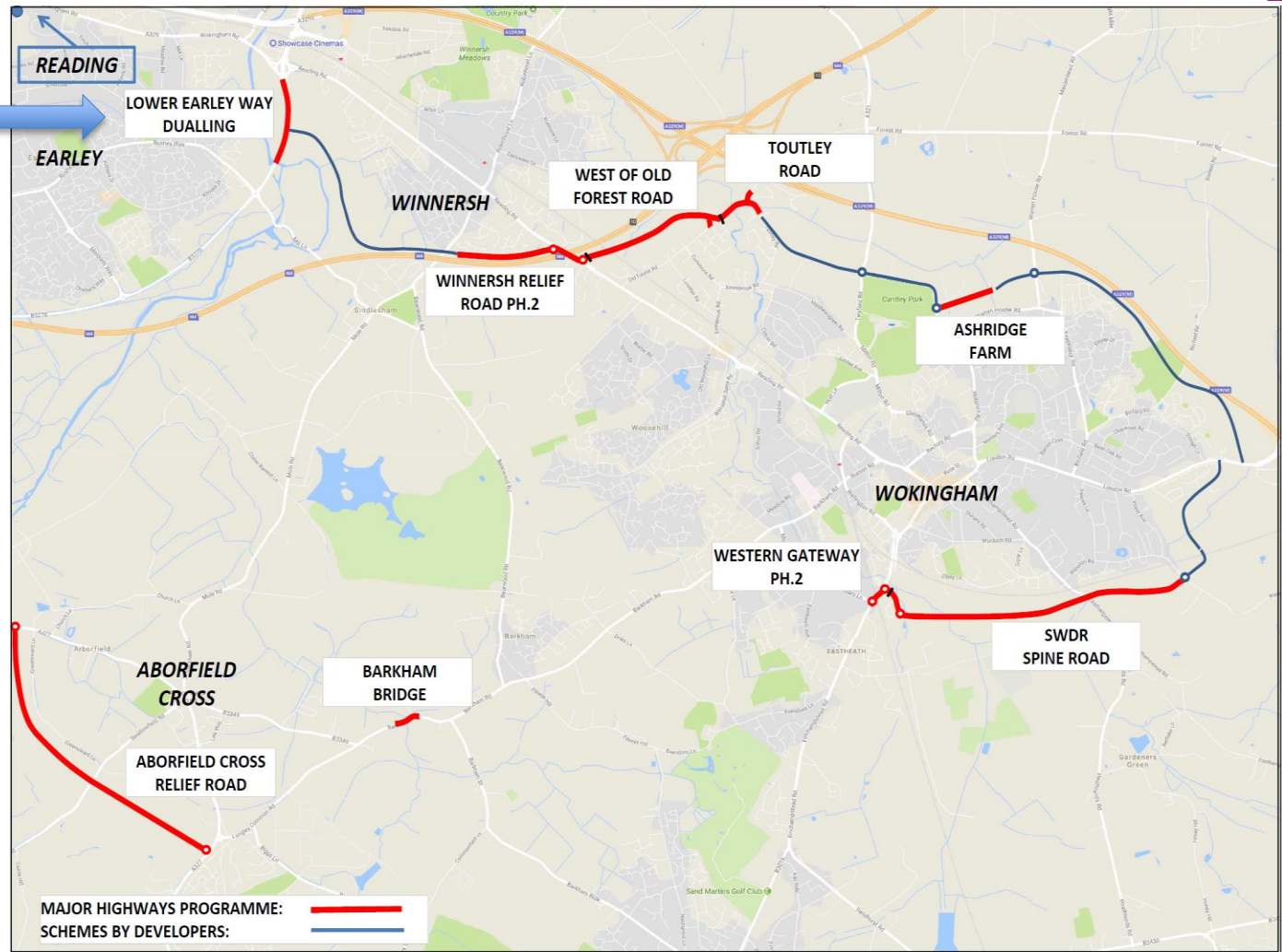
**Lower Early Way Dualling
(LEWD)
C02**

Agenda:

- Location
- Scope
- Staging / TM Phasing
- Programme

WOKINGHAM MAJOR HIGHWAYS: LEWD

LEWD



WOKINGHAM
BOROUGH COUNCIL

Balfour Beatty

Project Description

(View Northbound from Bovis Junction)

The Lower Earley Way North (LEWD) B3270 widening scheme falls under the Wokingham Borough Councils (WBC) programme of major schemes.

It is closely linked with the Winnersh Relief Road (WRR), Phase One of which opened in June 2018, and ties into LEWD,

There was a need to improve the capacity of LEWD to cater for the high existing traffic flows plus the additional traffic generated by WRR (phases one and two)

The proposal is to widen the existing single carriageway to dual carriageway between the Lodden Bridge (Showcase) Roundabout and the northern extent of the Winnersh Relief Road Phase 1 signalised junction constructed by Bovis Homes.

The design option includes a 3m shared cycleway/footway on the northbound carriageway



Scope

(View SB from Roundabout)

Enabling works undertaken:

- Diversion of gas main
- Site clearance
- Removal of JKW
- Virgin Media Diversions

Main Construction to be completed

Widening of NB Carriageway from Roundabout to Bovis Junction

- New embankment
- New footpath
- New kerbs, drainage and ducting
- New ponds and ditches
- Partial full depth reconstruction and inlay of existing carriageway and surfacing
- Fencing
- Landscaping
- New culvert crossing
- Traffic Signals



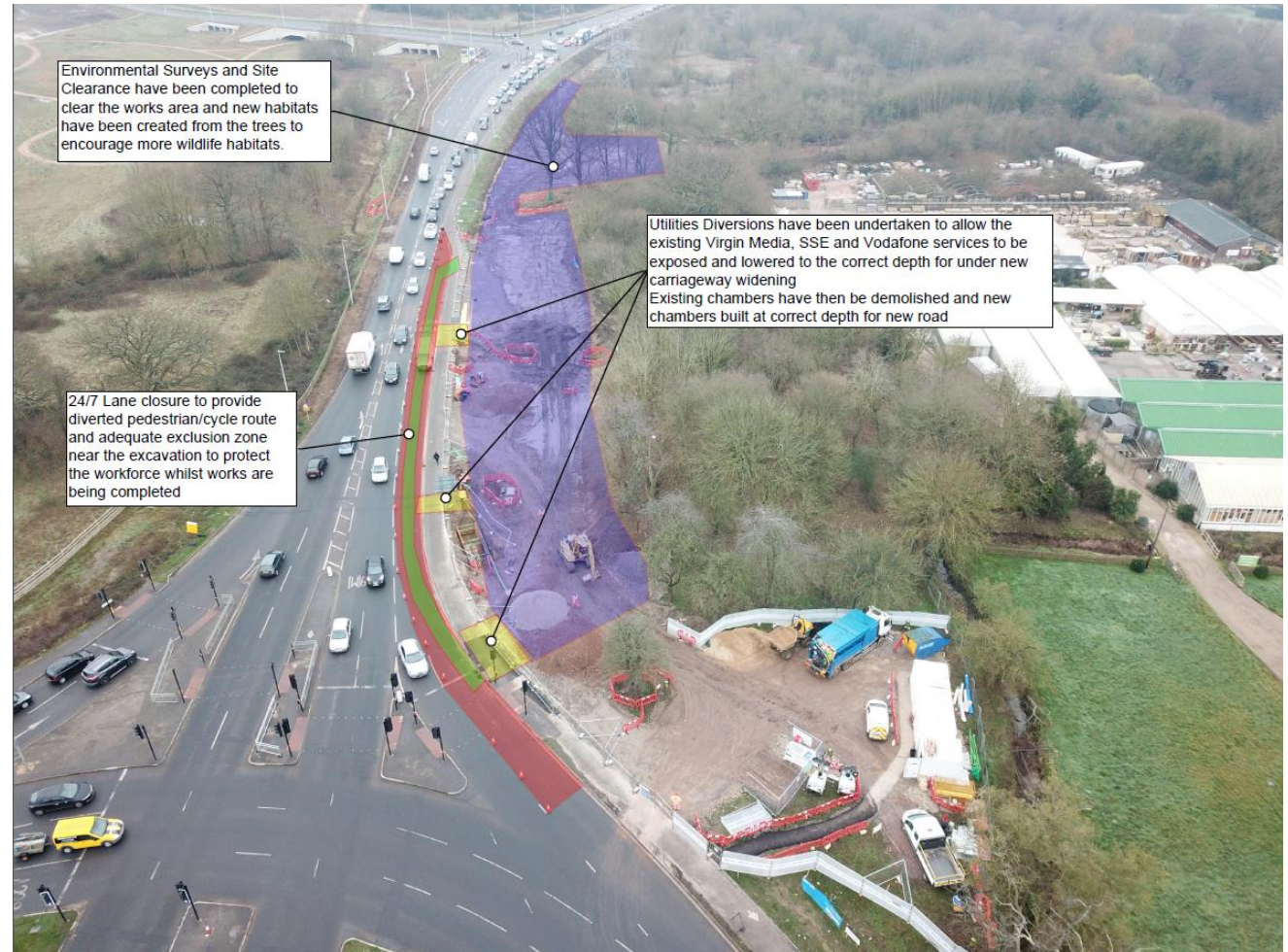
Enabling Phase

From Nov 2018 to Jan 2019

Enabling works undertaken:

- Environmental Surveys
- Site Clearance
- Creation of Wildlife Habitats
- Removal of JKW
- Diversion of gas main
- Diversion of SSE LV
- Diversion of Vodafone
- Diversion of Virgin Media

(View SB from Roundabout)



Phase 1 – Southbound

From March 2019 to May 2019

Narrow Lanes to be installed on Southbound Carriageway and vehicle barriers and cones forming worksite 24hrs

Construction of New Southbound Footway

- Replacing Kerbs with combined drainage
- Replacing old Street Lights and Signs
- Construct new 2m wide Footway

Constraints

- Must maintain minimum 2 open lanes of traffic as LEWD forms M4 Strategic Diversion Route
- Working around Live services (Gas, Fibres and Electric)
- Must build footway first to divert pedestrians and cyclists before northbound phase
- Narrow Worksite and limited access requires works to be constructed from one end only working in one direction
- Ad-hoc off-peak Stop/Go board required to offload materials and plant
- **(View SB from Roundabout)**



Phase 2 – Northbound

From June 2019 to September 2019
(originally scheduled to be completed November 2019)

Narrow Lanes to be installed on Northbound Carriageway and vehicle barriers and cones forming worksite 24hrs

Construction of New Northbound Widening

- Infill existing ditch
- Fill and widen embankment
- Install combined drainage kerbs
- Replacing old Street Lights and Signs
- Construct new 3m wide Footway/Cycleway
- Remove existing kerbs and widen carriageway
- Blacktop new carriageway widening
- Construct new ditches and balancing pond and drainage
- Construct new culvert crossing

Constraints

- Must maintain minimum 2 open lanes of traffic as LEWD forms M4 Strategic Diversion Route
- Existing Culvert to be maintained until new culvert live
- Access to site limited by difference in level down embankment and requires works to be constructed from one end only working in one direction
- **(View SB from Roundabout)**



Phase 3 – Culvert Island Site

From September 2019

(Originally scheduled to start in December 2019)

Narrow Lanes to be installed on Northbound and Southbound Carriageway and vehicle barriers and cones forming worksite 24hrs

Traffic to run on new binder surface and planed surface

Night-time Closures - Northbound Traffic to be closed and diverted down Winnersh Relief Road and back up Reading Road

Construction of Culvert Crossing

- Excavate and Install centre section for culvert crossing on nights under Northbound closure
- Island site to be created around works area during dayshift and traffic lanes opened in both directions

Constraints

- Must maintain minimum 2 open lanes of traffic as LEWD forms M4 Strategic Diversion Route (During Closures must be able to open the road with 30mins warning)
- Narrow Worksite and limited access requires works to be constructed during Nightshifts only
- Existing Culvert to be maintained until new culvert live
- *(View SB from Roundabout)*



Phase 4 – Culvert Southbound

From October 2019

(Originally scheduled to start Jan/Feb 2020)

Narrow Lanes to be installed on Northbound Carriageway and vehicle barriers and cones forming worksite 24hrs

Traffic to run on new binder surface and planed surface

Works to be undertaken during normal daytime working hours

Construction of Culvert Crossing

- Excavate and Install southbound section for culvert crossing during normal working hours
- Working around Live services to install culvert under new footway

Constraints

- Must maintain minimum 2 open lanes of traffic as LEWD forms M4 Strategic Diversion Route
- Working around Live services (Gas, Fibres and Electric)
- Existing Culvert to be maintained until new culvert live
- **(View SB from Roundabout)**



Phase 4 & 5 – Resurfacing & Road Marking

From November 2019

(originally scheduled to start Jan/Feb 2020)

Night-time Full Closures – All Traffic to be closed and diverted down Winnersh Relief Road and Reading Road

Traffic to run on new binder surface and planed surface

Construction of New Road Surface

- Infill existing Culvert with Foam Concrete
- Plane off existing surfacing
- Lay new surface course between Showcase Roundabout and New Bovis Junction
- Install new Traffic Light Loops
- Install white lines to new surface course

Constraints

- Must maintain minimum 2 open lanes of traffic as LEWD forms M4 Strategic Diversion Route (During Closures must be able to open the road with 30mins warning)
- *(View SB from Roundabout)*

