

SCENARIO 4b

Layout

- Existing layout (post-2019 per WSP Drawing: 70038464-WSP-HGN-J28-DR-CH-01_01.AB01)
- Capitol Park improved access (per i-Transport Drawing: ITM10127-GA-007-B)
- LCC M2D2L bus schemes (per LCC Phase 1 Drawings: -LCC-HWT-2A-DR-CH-0001-P01.1 and -LCC-HWT-2B-DR-CH-0001.P01.1)
- New crossings and pedestrian routes to central island.
- Removal of pedestrian routes from peripheral routes under M62.
- Lane reconfiguration to M62 EB offslip to provide safer access to A653 Dewsbury Road (N)
- Additional lane capacity to southeastern circulatory area.
- Additional lane capacity to A653 Dewsbury Road (S)

Flows

- Base flow matrices
- Committed development matrices
- Cumulative development matrices (Land at Chidswell, Capitol Park and Land at Haigh Moor Road)

New toucan crossing points added to provide routes to central island

Existing pedestrian/cycle route removed

Existing lane markings reconfigured to allow slip road Lane 2 to route safely to circulatory Lane 2 towards Leeds.

New pedestrian/cycle route (5m width) to eastern side of circulatory island

New pedestrian/cycle route (5m width) to western side of circulatory island

Area North of M62

New bus lane added to nearside

New bus signal gate added to existing signal arrangement

Additional exit lane for right turners

Central island curtailed to improve right turn vehicle path

Existing island reshaped, retaining existing crossings

Existing island removed and signal heads relocated

Existing pedestrian/cycle route removed

Existing crossing point removed

Area South of M62

Existing crossing point removed

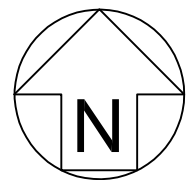
Existing pedestrian/cycle route removed

Minor change to kerbline to ensure smooth vehicle paths and two lane exit to A650 (W)

Northbound A653 Dewsbury Road approach widened to four lanes

New bus signal gate added to existing signal arrangement

New bus lane added to nearside

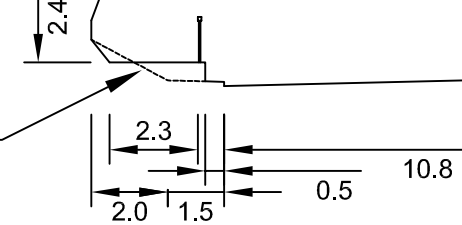


Example section under motorway

Existing carriageway unchanged

Vertical clearance for cycles/pedestrians

Cobbled/service area part-broken out and part-graded to new footway/cycleway



New pedestrian/cycle route (5m width) to eastern side of circulatory island

Additional lane added to offside to provide five lanes to stop line

New pedestrian/cycle route (5m width) to western side of circulatory island

- New pedestrian/cycle route
- Existing pedestrian/cycle route removed

Summary TRANSYT Outputs

Scenario	Total pcu	Max DoS%	PI (£)
2019 AM	9160	111%	8421
2019 PM	8851	118%	9815
2033 AM	9802	142%	12767
2033 PM	9442	124%	12468

Pell Frischmann

Project
M62 JUNCTION 28 - TINGLEY INTERCHANGE

Drawing Title
SCENARIO 4b: GENERAL ARRANGEMENT

Name	Date	Scale	NTS
Drawn CJO	21.07.2021	File No.	A13398-T-046 - M62 J28 Tingley - Scenario 4b
Designed CJO / JO	21.07.2021		
Checked SME / GJ	21.07.2021	Drawing Status	FOR DISCUSSION
Approved PDS / GJ	21.07.2021	Drawing No.	Revision
		A13398-T-046	C

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