



**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 all other powers enabling him in that behalf, for the purpose of informing drivers of the conditions of use of tolls at the Mersey Gateway Bridge, hereby:-

1. authorises the erection of a traffic sign (hereinafter referred to as “the authorised sign A”) at, or within 5m of, the sites referenced “TO-1” on the attached set of plans numbered GT50/049/0010-1 conforming as to size, colour and character with the sign referenced “TO-1” in the drawing title in the attached set of drawings numbered GT50/049/0010-2; and
2. authorises the erection of a traffic sign (hereinafter referred to as “the authorised sign B”) at, or within 5m of, the sites referenced “TO-2” on the said set of plans conforming as to size, colour and character with the sign referenced “TO-2” in the drawing title in the said set of drawings; and
3. authorises the erection of a traffic sign (hereinafter referred to as “the authorised sign C”) at, or within 5m of, the sites referenced “TO-3” on the said set of plans conforming as to size, colour and character with the sign referenced “TO-3” in the drawing title in the said set of drawings; and
4. authorises the erection of a traffic sign (hereinafter referred to as “the authorised sign D”) at, or within 5m of, the sites referenced “TO-4” on the said set of plans conforming as to size, colour and character with the sign referenced “TO-4” in the drawing title in the said set of drawings; and
5. authorises the erection of a traffic sign (hereinafter referred to as “the authorised sign E”) at, or within 5m of, the sites referenced “TO-6” on the said set of plans conforming as to size, colour and character with the sign referenced “TO-6” in the drawing title in the said set of drawings; and



6. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign F") at, or within 5m of, the sites referenced "TO-7" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-7" in the drawing title in the said set of drawings; and
7. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign G") at, or within 5m of, the sites referenced "TO-10" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-10" in the drawing title in the said set of drawings; and
8. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign H") at, or within 5m of, the sites referenced "TO-11" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-11" in the drawing title in the said set of drawings; and
9. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign I") at, or within 5m of, the sites referenced "TO-13" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-13" in the drawing title in the said set of drawings; and
10. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign J") at, or within 5m of, the sites referenced "TO-14" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-14" in the drawing title in the said set of drawings; and
11. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign K") at, or within 5m of, the sites referenced "TO-16" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-16" in the drawing title in the said set of drawings; and
12. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign L") at, or within 5m of, the sites referenced "TO-17" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-17" in the drawing title in the said set of drawings; and





13. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign M") at, or within 5m of, the sites referenced "TO-18" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-18" in the drawing title in the said set of drawings; and
14. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign N") at, or within 5m of, the sites referenced "TO-19" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-19" in the drawing title in the said set of drawings; and
15. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign O") at, or within 5m of, the sites referenced "TO-20" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-20" in the drawing title in the said set of drawings; and
16. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign P") at, or within 5m of, the sites referenced "TO-21" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-21" in the drawing title in the said set of drawings; and
17. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign Q") at, or within 5m of, the sites referenced "TO-22" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-22" in the drawing title in the said set of drawings; and
18. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign R") at, or within 5m of, the sites referenced "TO-23" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-23" in the drawing title in the said set of drawings; and
19. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign S") at, or within 5m of, the sites referenced "TO-24" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-24" in the drawing title in the said set of drawings; and



20. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign T") at, or within 5m of, the sites referenced "TO-25" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-25" in the drawing title in the said set of drawings; and
21. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign U") at, or within 5m of, the sites referenced "TO-26" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-26" in the drawing title in the said set of drawings; and
22. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign V") at, or within 5m of, the sites referenced "TO-27" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-27" in the drawing title in the said set of drawings; and
23. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign W") at, or within 5m of, the sites referenced "TO-28" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-28" in the drawing title in the said set of drawings; and
24. authorises the erection of a traffic sign (hereinafter referred to as "the authorised sign X") at, or within 5m of, the sites referenced "TO-29" on the said set of plans conforming as to size, colour and character with the sign referenced "TO-29" in the drawing title in the said set of drawings; and
25. directs that indications of the toll charge may be varied on the authorised signs A, B, C, D, G, H, K, L and M; and



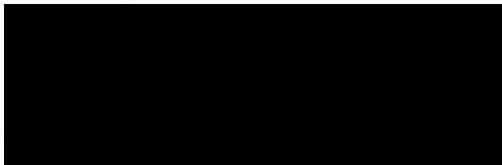
26. directs, without prejudice to any statutory provisions to the like effect, that it is a condition of this authorisation that the erection of the authorised signs A-X at the said sites shall continue to have effect only until such day as may be appointed by one month's notice given by the Secretary of State in writing to the traffic authority for the removal or alteration of the authorised signs A-X 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 7 and 8 of the Traffic Signs Regulations 2016 (Part 1 of S.I. 2016/362, "the 2016 Regulations") shall apply to the authorised signs A, B, C, D, G, H, K, L and M, in the same manner as they apply to the sign shown in diagram 818.2 in Schedule 12, Part 28, Item 12 of those Regulations.

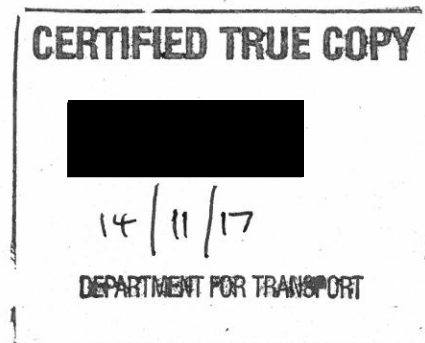
The provisions of Regulations 7 and 8 of the 2016 Regulations shall apply to the authorised signs E, F, I, J, N, O, P, Q, R, S, T, U, V, W and X in the same manner as they apply to the sign shown in diagram 818.1 in Schedule 11, Part 2, Item 11 of those Regulations.

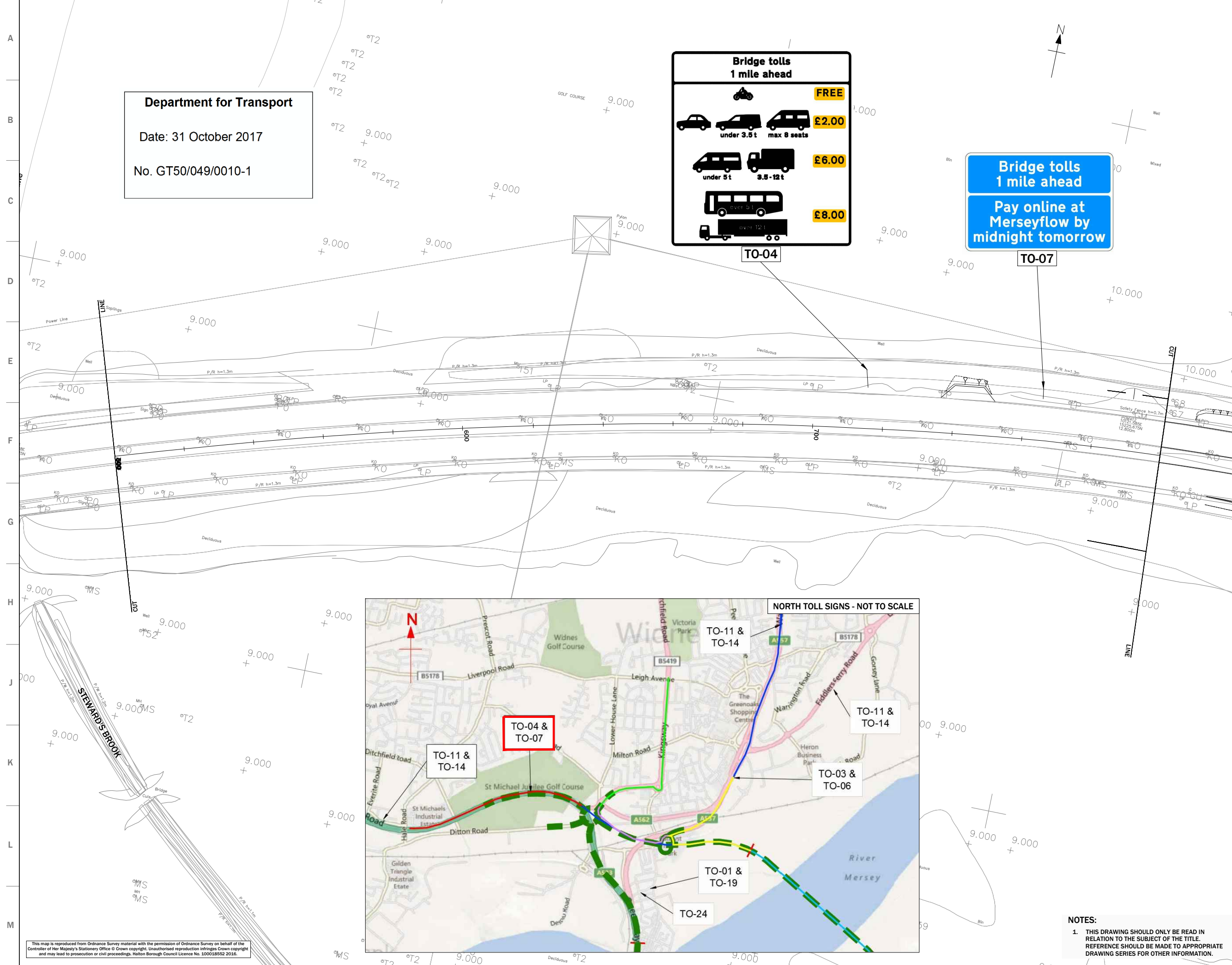
Dated 14 November ..... 2017

Signed by authority of the Secretary of State



.....  
A Delegated Official of the Department for Transport

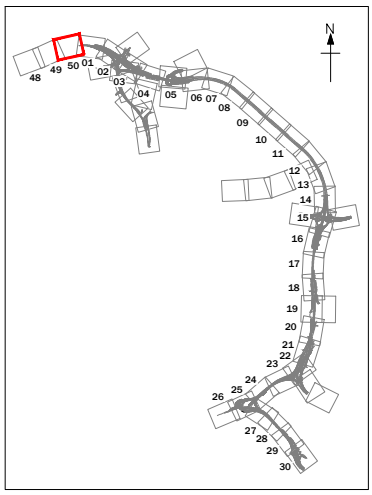




**Department for Transport**  
 Date: 31 October 2017  
 No. GT50/049/0010-1

Bridge tolls 1 mile ahead		
		<b>FREE</b>
	under 3.5 t max 8 seats	<b>£2.00</b>
	under 5 t	<b>£6.00</b>
	3.5 - 12 t	<b>£8.00</b>
	over 12 t	<b>£8.00</b>

**Bridge tolls  
1 mile ahead**  
**Pay online at  
Merseyflow by  
midnight tomorrow**



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REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
01	01/09/17	INSET & TITLE AMENDED	LB	GD	MG
-	07/07/17	ISSUED FOR APPROVAL	LB	GD	MG

Project: **THE MERSEY GATEWAY**  
 Drawing Title: **SPEKE ROAD APPROACH**

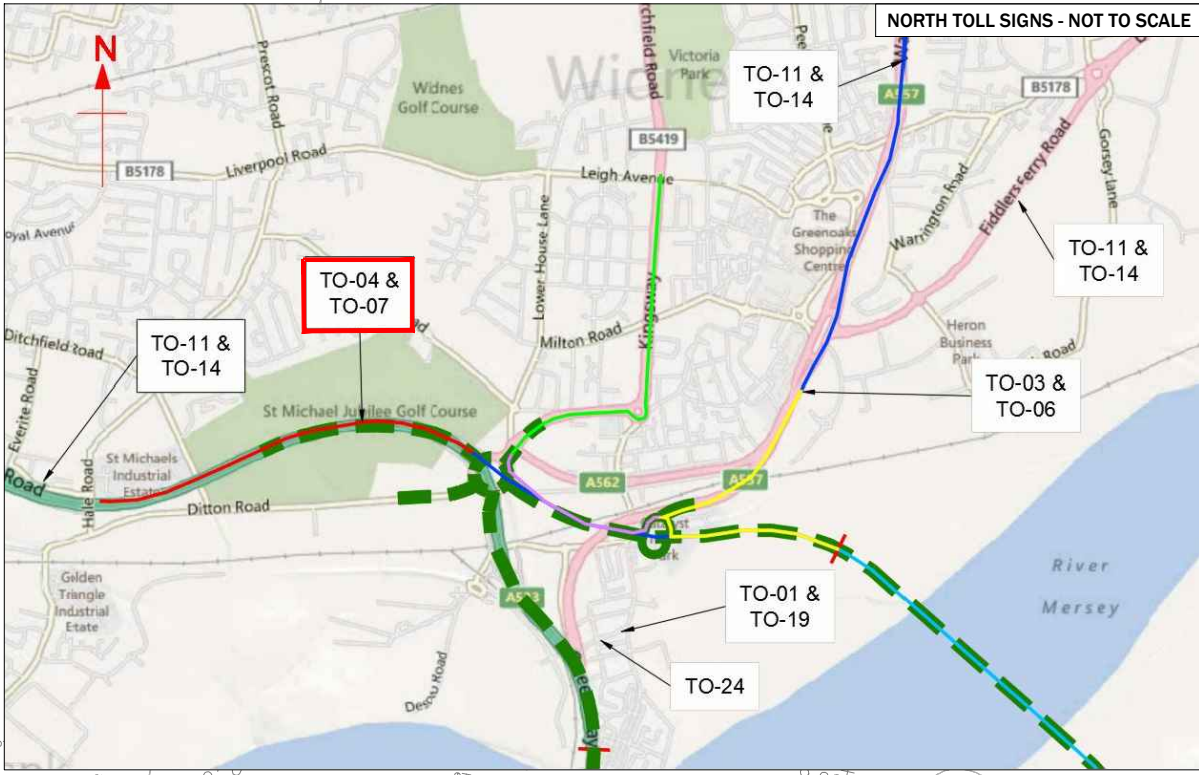
**TOLLING SIGNS  
TO-04 & TO-07**



Designed By: GD	Date: 29/06/17
Drawn By: LB	Date: 29/06/17
Checked By: GD	Date: 07/07/17
Approved By: MG	Date: 07/07/17
Owner: URS	Project No.: 47067308
Scale: 1:500 @ A1	1:1000 @ A3

Status: **FOR APPROVAL**

Drawing No.: **MER-DJV-DRA-HWY-OB-312031** Rev: **01**  
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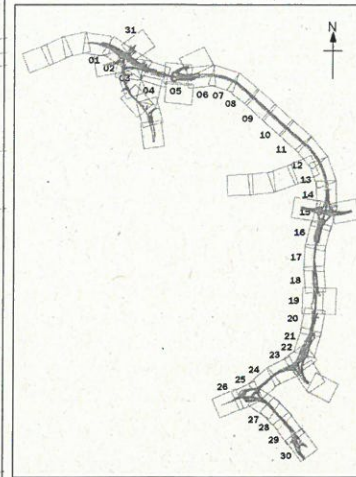


**Bridge tolls  
2 miles ahead**

	<b>FREE</b>
	<b>£2.00</b>
under 3.5 t    max 8 seats	
	<b>£6.00</b>
under 5 t    3.5-12 t	
	<b>£8.00</b>

**Bridge tolls  
2 miles ahead**

**Pay online at  
Merseyflow by  
midnight tomorrow**



LOCATION PLAN - Scale 1:50,000

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REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
-	17/07/17	ISSUED FOR APPROVAL	LB	GD	MG

Project: **THE MERSEY GATEWAY**

Drawing Title: **SPEKE ROAD APPROACH**

**TOLLING SIGNS  
TO-11 & TO-14**



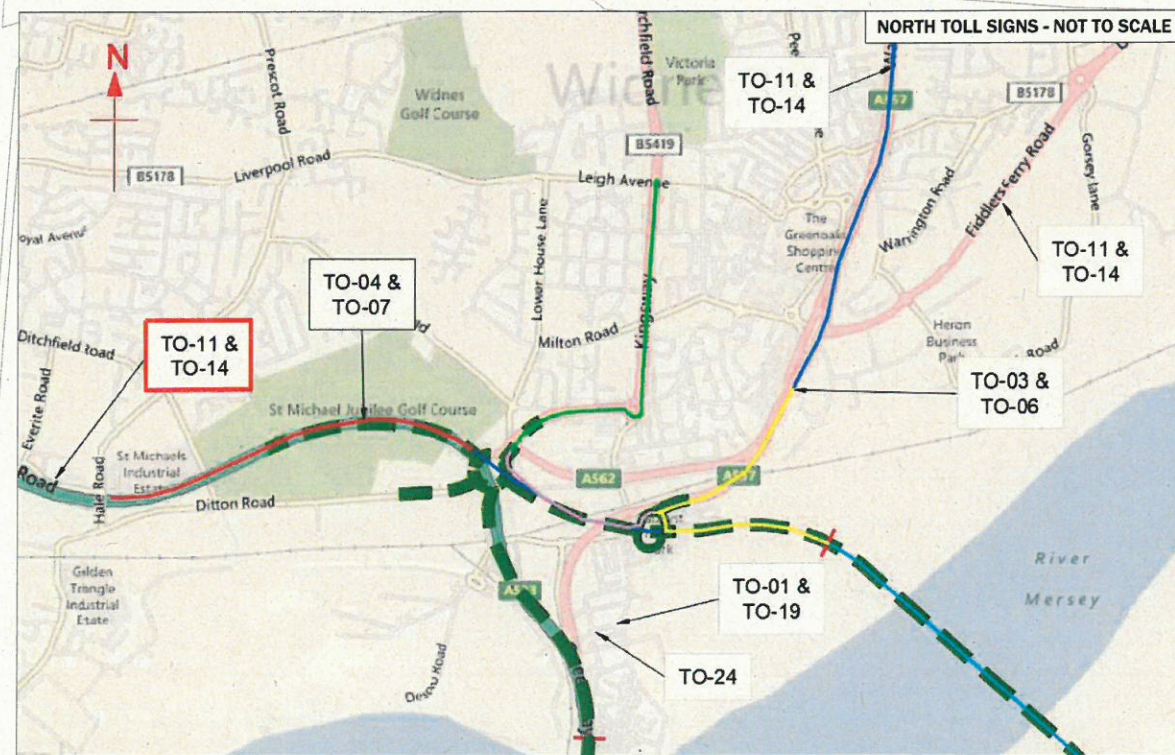
Designed By: GD	Date: 29/06/2017
Drawn By: LB	Date: 29/09/2017
Checked By: GD	Date: 07/07/2017
Approved By: MG	Date: 07/07/2017
Owner: URS	Project No.: 47067308
Scale: 1:500 @ A1	1:1000 @ A3

Status: **FOR APPROVAL**

Drawing No.: **MER-DJV-DRA-HWY-OB-312032**

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ORIGINAL DRAWING SIZE 841mm x 594mm (A1)



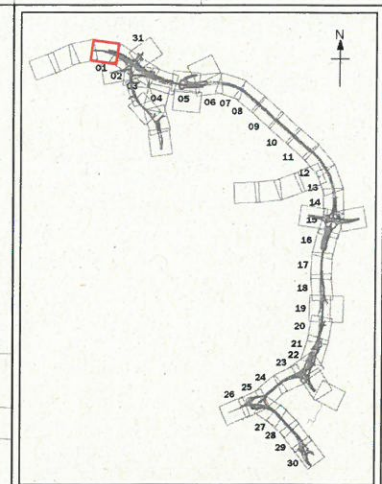
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TO-23



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REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
-	14/07/17	ISSUED FOR APPROVAL	LB	GD	MG

**THE MERSEY GATEWAY**

Drawing Title: SECTION 01

TOLLING SIGNS TO-23

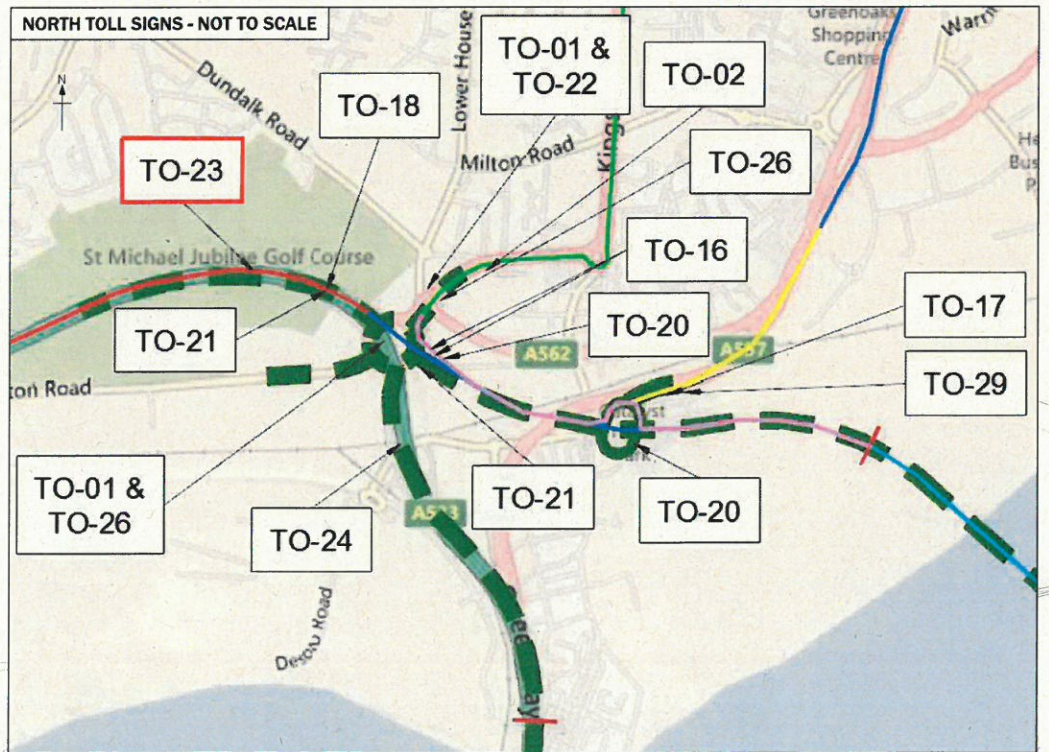


Designed By: ASD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No: 47067308
Scale: 1:500 @ A1	1:1000 @ A3

**FOR APPROVAL**

Drawing No: MER-DJV-DRA-HWY-01-312033

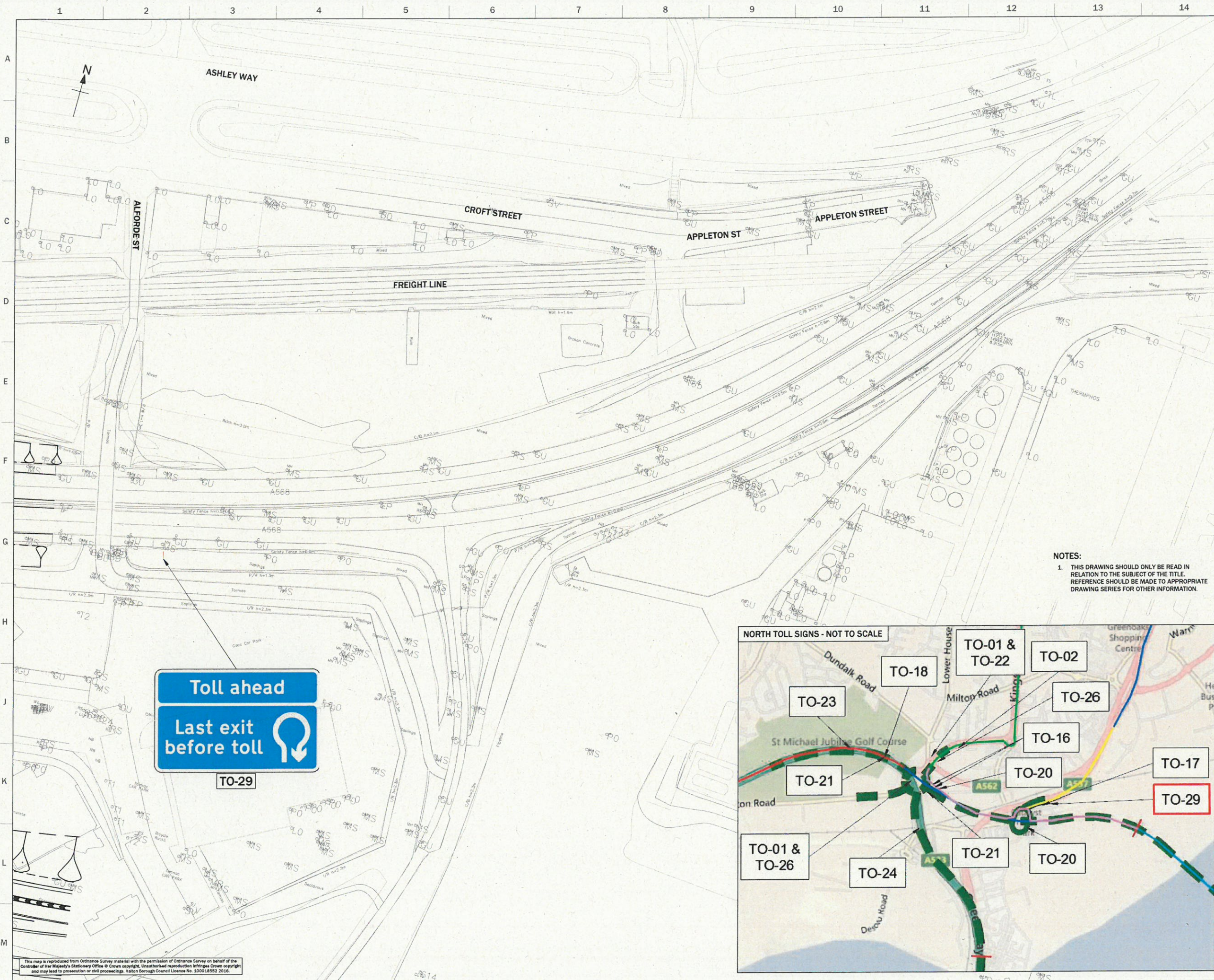
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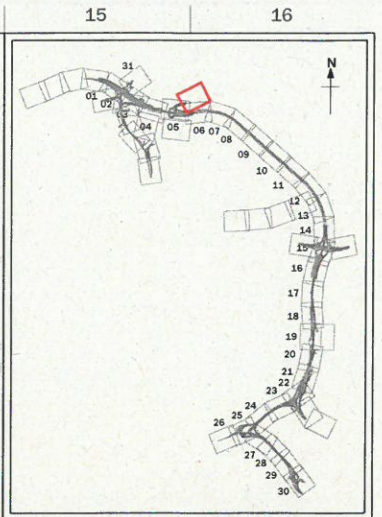
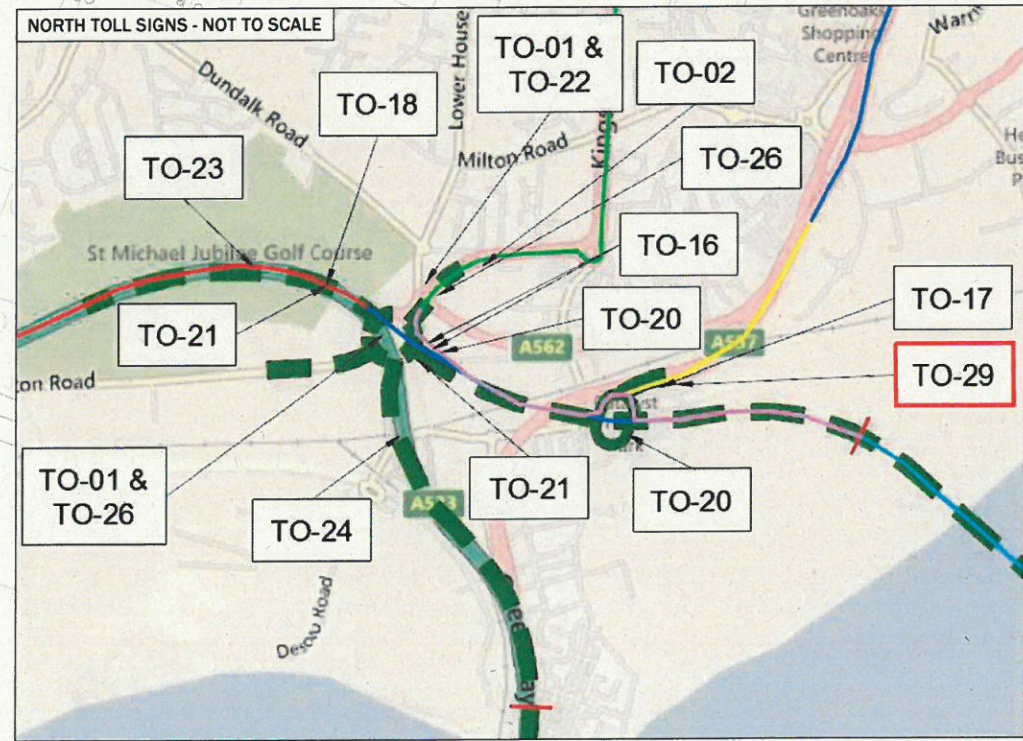
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TO-29

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REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
01	01/09/17	SCALE AMENDED	RC	GD	MG
-	14/07/17	ISSUED FOR APPROVAL	LB	GD	MG

**THE MERSEY GATEWAY**

Drawing Title: SECTION 02

TOLLING SIGNS  
 TO-29



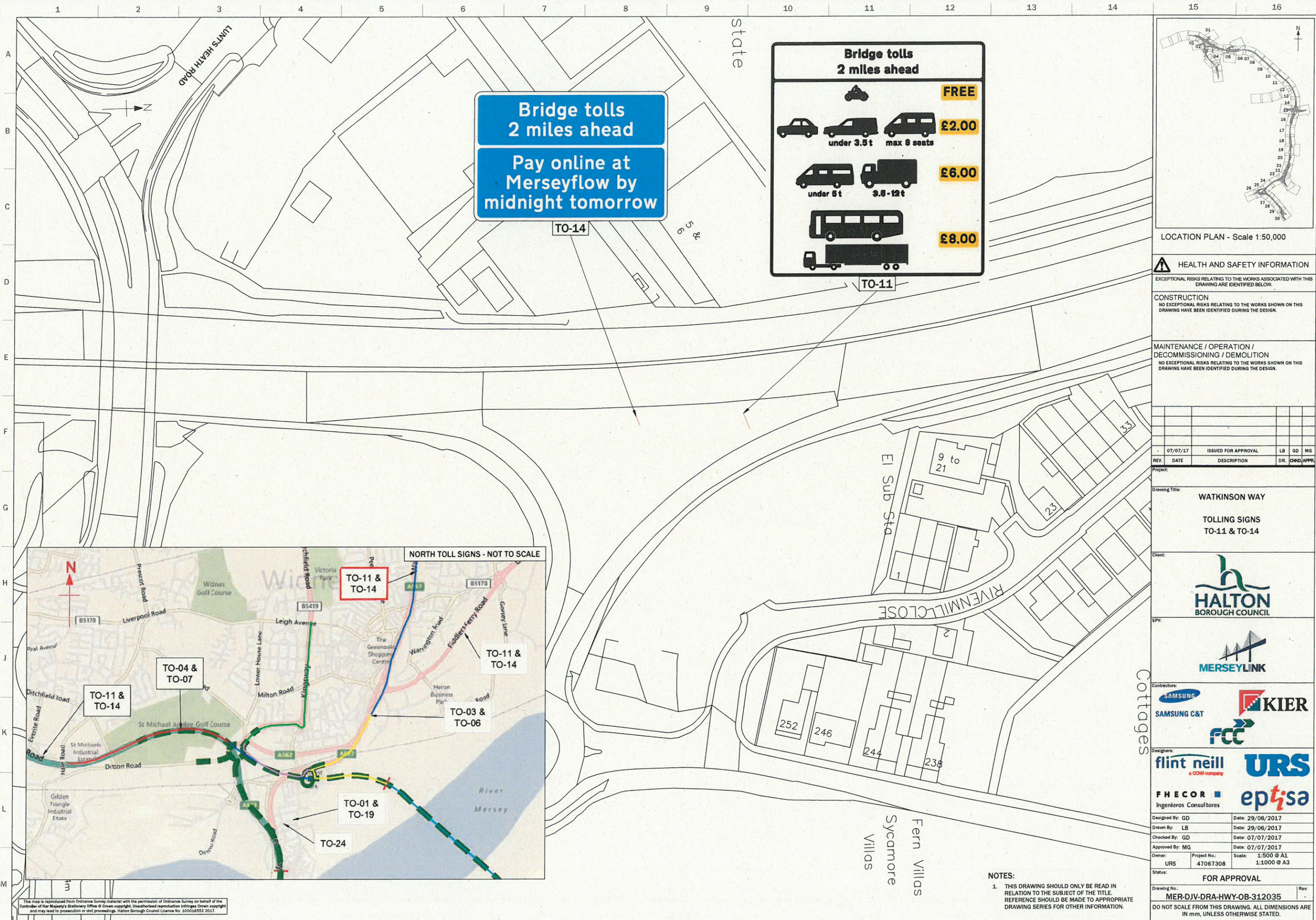
Designed By: ASD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No: 47067308
Scale: 1:500@A1	1:1000@A3

Status: **FOR APPROVAL**

Drawing No.: MER-DJV-DRA-HWY-02-312034

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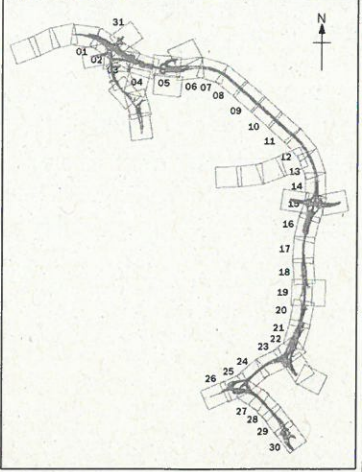




**Bridge tolls  
2 miles ahead**

**Pay online at  
Merseyflow by  
midnight tomorrow**

Bridge tolls 2 miles ahead		
		<b>FREE</b>
	<b>under 3.5t</b>	<b>£2.00</b>
	<b>max 8 seats</b>	
	<b>under 5t</b>	<b>£6.00</b>
	<b>3.5-12t</b>	
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REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
07/07/17		ISSUED FOR APPROVAL	LB	GD	MG

Drawing Title: **WATKINSON WAY**  
**TOLLING SIGNS**  
**TO-11 & TO-14**

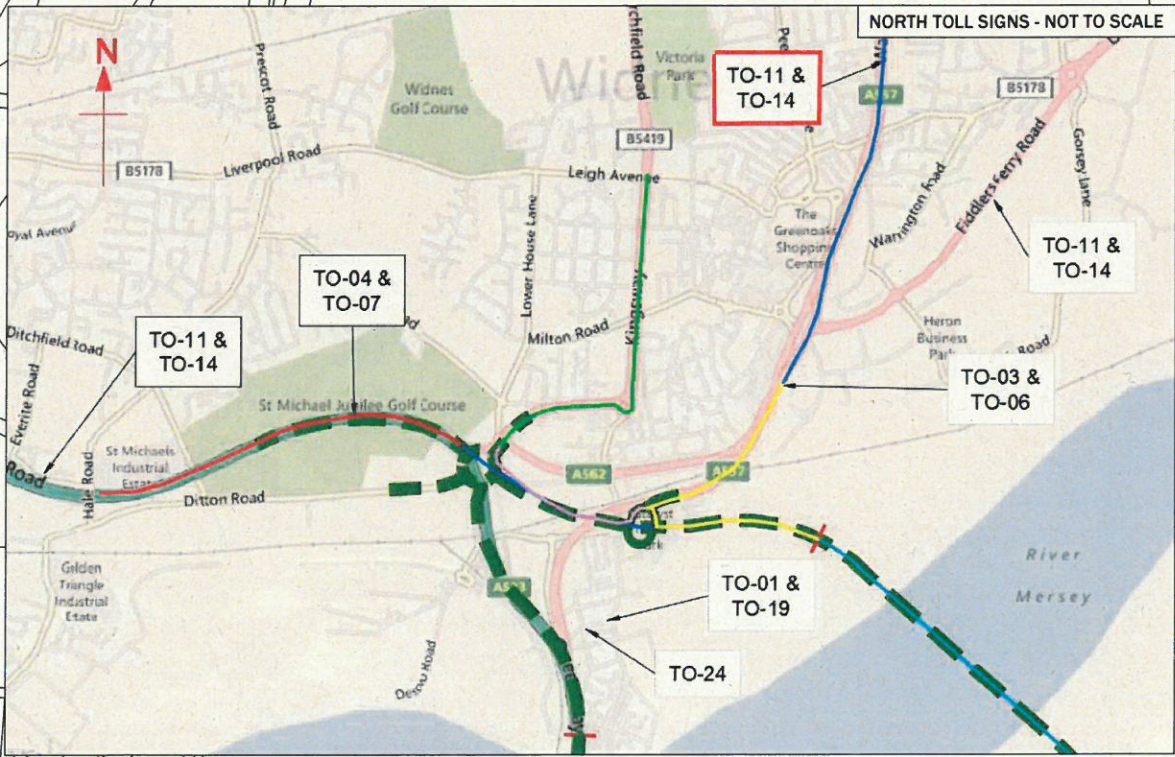


Designed By: GD	Date: 29/06/2017
Drawn By: LB	Date: 29/06/2017
Checked By: GD	Date: 07/07/2017
Approved By: MG	Date: 07/07/2017
Owner: URS	Project No.: 47067308
Scale: 1:500 @ A1	1:1000 @ A3

Status: **FOR APPROVAL**

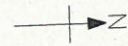
Drawing No.: **MER-DJV-DRA-HWY-OB-312035**

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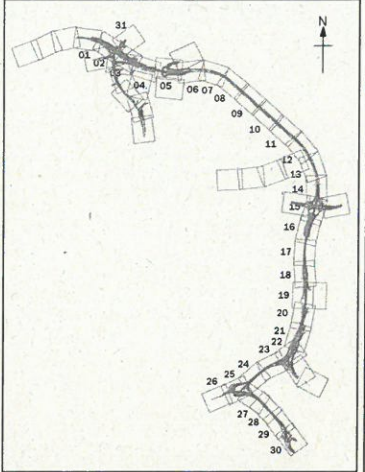
**Bridge tolls  
2 miles ahead**

**Pay online at  
Merseyflow by  
midnight tomorrow**

TO-14

Bridge tolls 2 miles ahead		
		<b>FREE</b>
		<b>£2.00</b>
under 3.5 t max 8 seats		
		<b>£6.00</b>
under 5 t 3.5 - 12 t		
		<b>£8.00</b>

TO-11



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REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
-	07/07/17	ISSUED FOR APPROVAL	LB	GD	MG

Drawing Title:  
**FIDDLERS FERRY ROAD  
TOLLING SIGNS  
TO-11 & TO-14**



Designed By: GD	Date: 29/06/2017
Drawn By: LB	Date: 29/06/2017
Checked By: GD	Date: 07/07/2017
Approved By: MG	Date: 07/07/2017
Owner: URS	Project No.: 47067308
Scale: 1:500 @ A1	1:1000 @ A3

Status: **FOR APPROVAL**

Drawing No.: **MER-DJV-DRA-HWY-OB-312036**

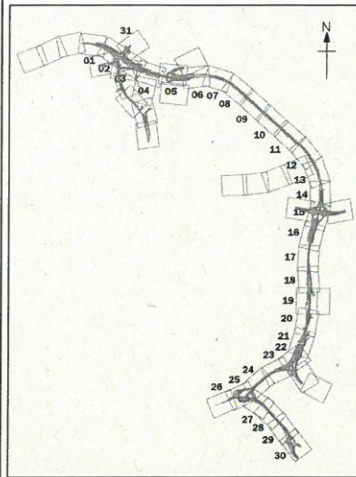
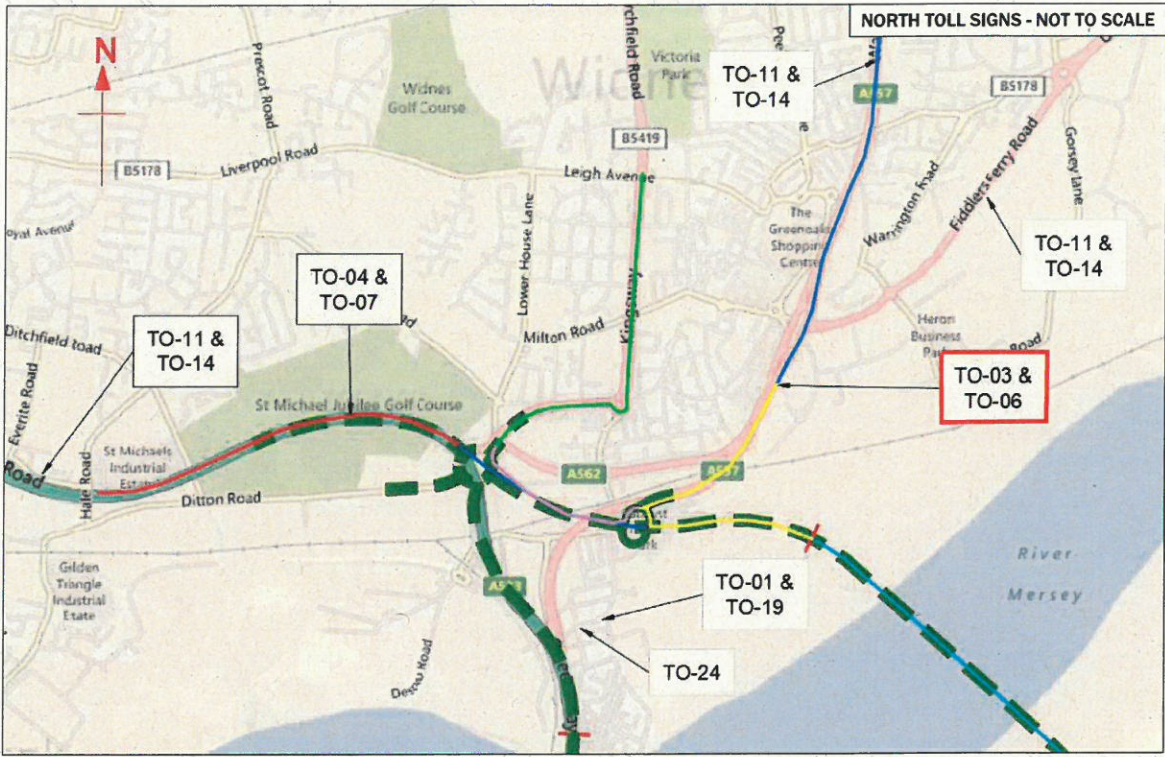
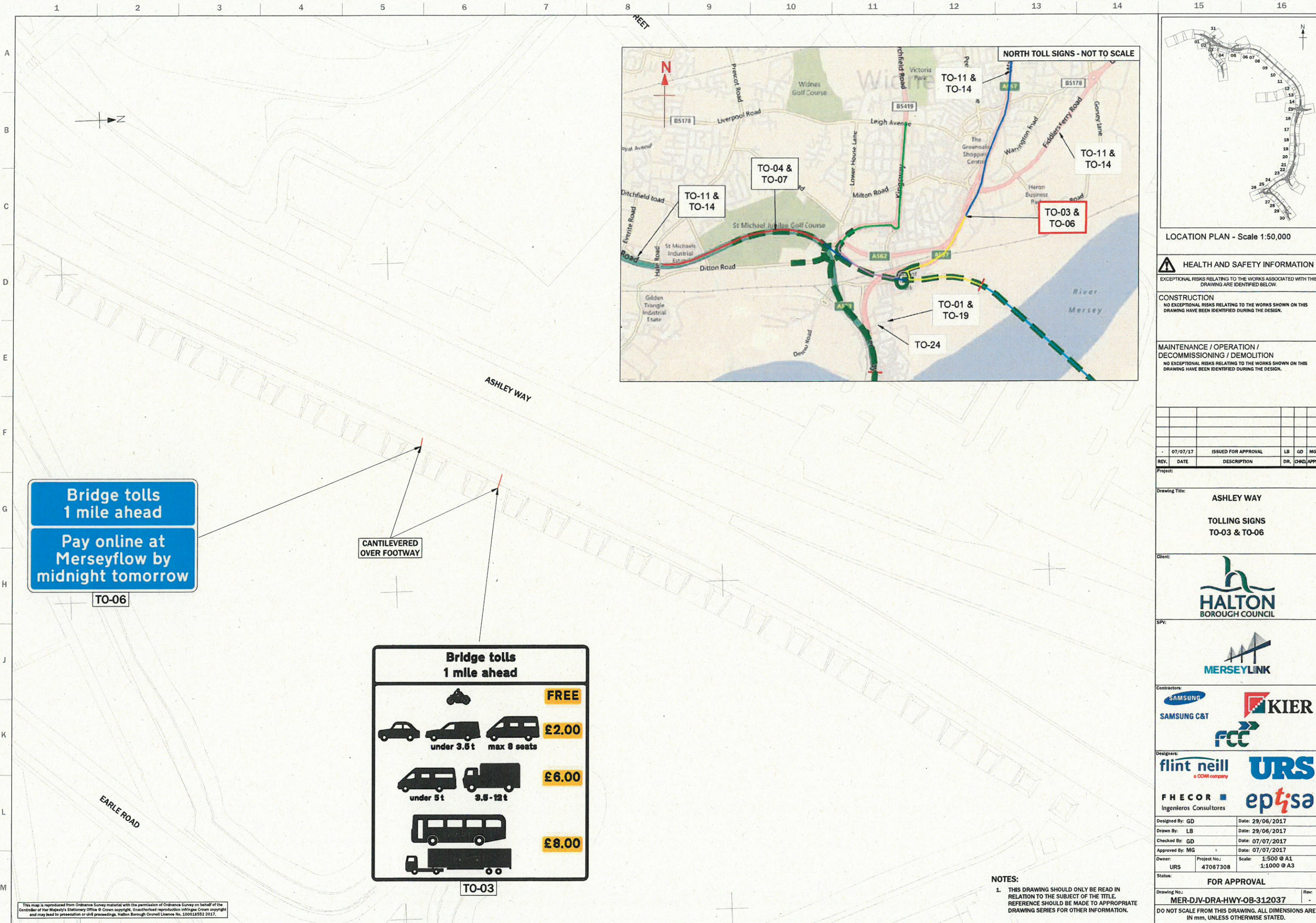
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LOCATION PLAN - Scale 1:50,000

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REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
-	07/07/17	ISSUED FOR APPROVAL	LB	GD	MG

Drawing Title: **ASHLEY WAY TOLLING SIGNS TO-03 & TO-06**



Designed By: GD	Date: 29/06/2017
Drawn By: LB	Date: 29/06/2017
Checked By: GD	Date: 07/07/2017
Approved By: MG	Date: 07/07/2017
Owner: URS	Project No: 47067308
Scale: 1:500 @ A1	1:1000 @ A3

Status: **FOR APPROVAL**

Drawing No.: **MER-DJV-DRA-HWY-08-312037**  
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TO-06

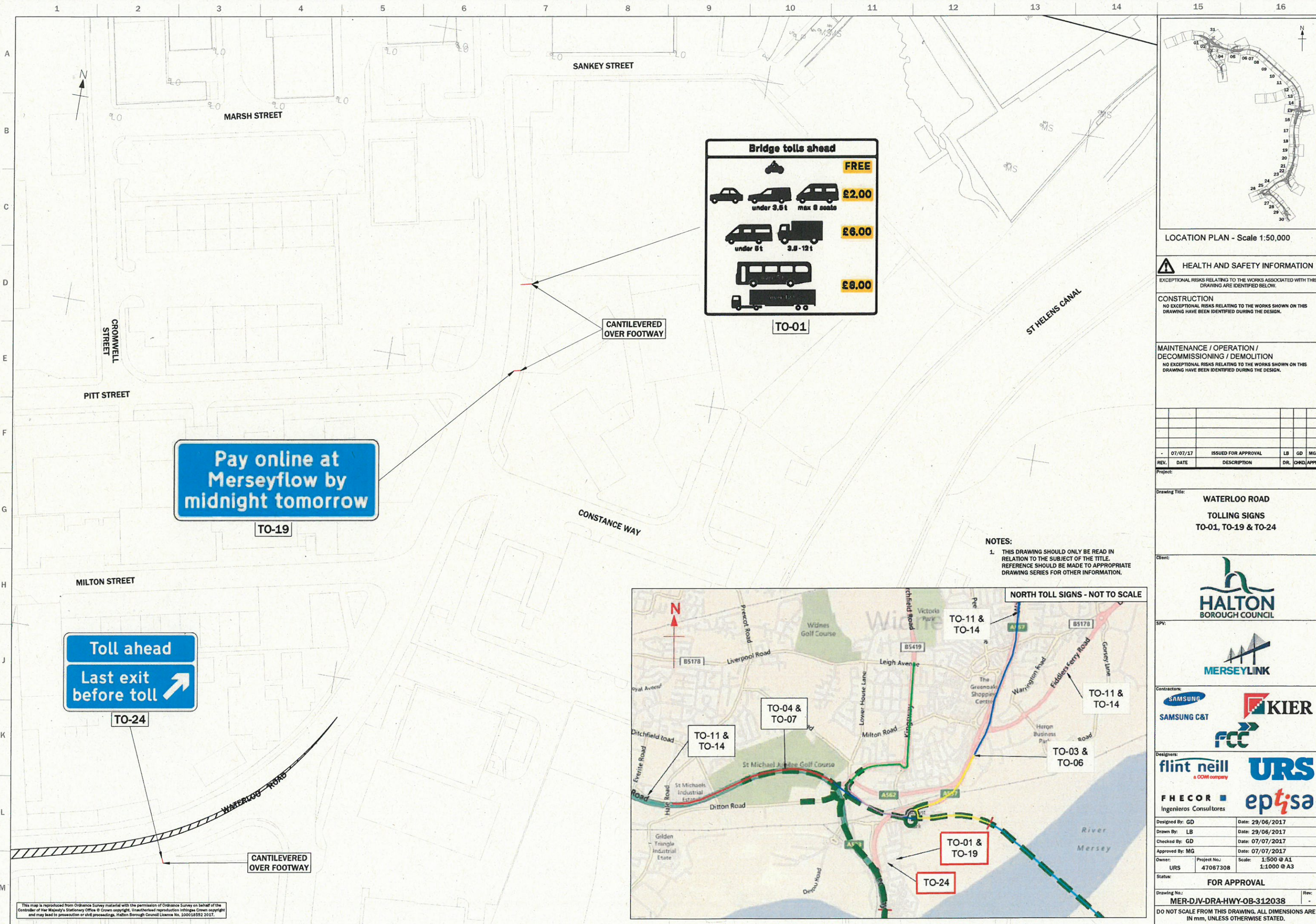
CANTILEVERED OVER FOOTWAY

Bridge tolls 1 mile ahead		
		<b>FREE</b>
		<b>£2.00</b>
under 3.5t    max 8 seats		
		<b>£6.00</b>
under 5t    3.5-12t		
		<b>£8.00</b>

TO-03

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**Bridge tolls ahead**

	<b>FREE</b>
	<b>£2.00</b>
under 3.5t max 9 seats	
	<b>£6.00</b>
under 8t 3.5 - 12t	
	<b>£9.00</b>

TO-01

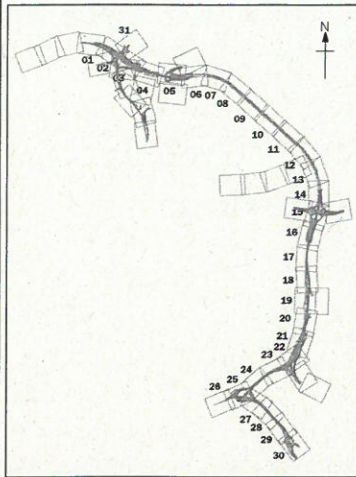
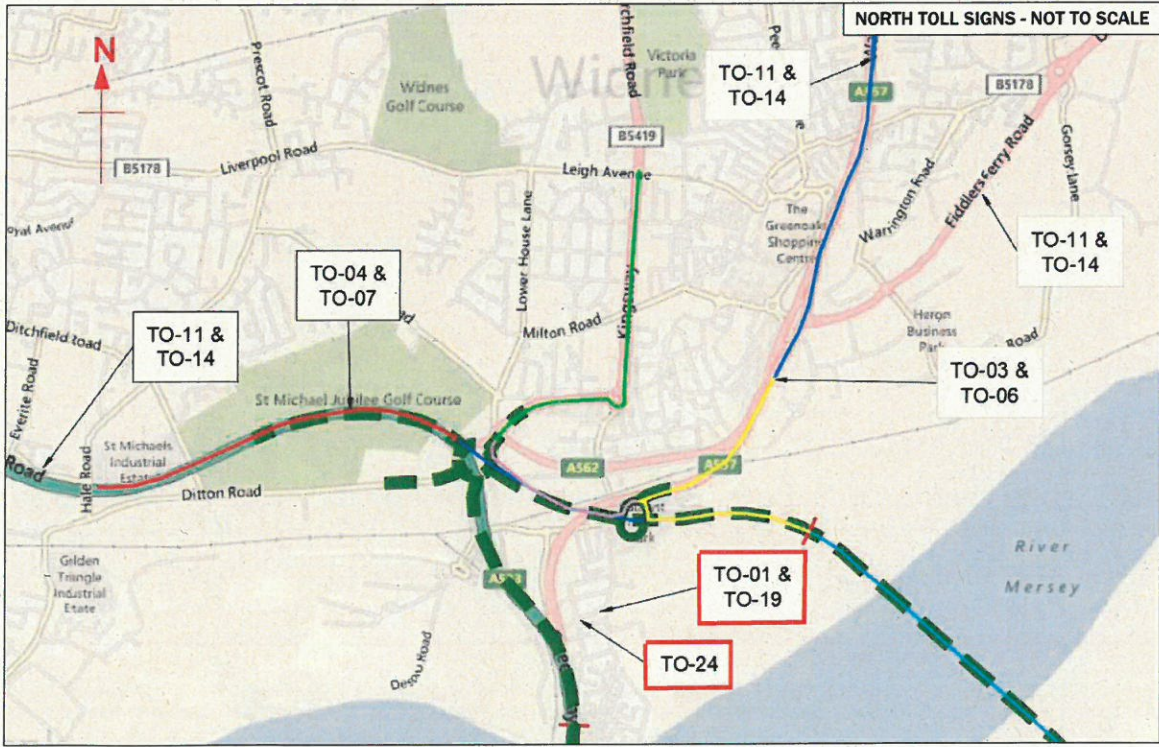
**Pay online at Merseyflow by midnight tomorrow**

TO-19

**Toll ahead**  
**Last exit before toll**

TO-24

**NOTES:**  
1. THIS DRAWING SHOULD ONLY BE READ IN RELATION TO THE SUBJECT OF THE TITLE. REFERENCE SHOULD BE MADE TO APPROPRIATE DRAWING SERIES FOR OTHER INFORMATION.



LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**

EXCEPTIONAL RISKS RELATING TO THE WORKS ASSOCIATED WITH THIS DRAWING ARE IDENTIFIED BELOW.

**CONSTRUCTION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
-	07/07/17	ISSUED FOR APPROVAL	LB	GD	MG

Drawing Title: **WATERLOO ROAD TOLLING SIGNS TO-01, TO-19 & TO-24**










Designed By: GD	Date: 29/06/2017
Drawn By: LB	Date: 29/06/2017
Checked By: GD	Date: 07/07/2017
Approved By: MG	Date: 07/07/2017
Owner: URS	Project No: 47067308
Scale: 1:500 @ A1	1:1000 @ A3

Status: **FOR APPROVAL**  
Drawing No: **MER-DJV-DRA-HWY-08-312038**

DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.







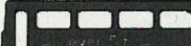



**Bridge tolls beyond this point**

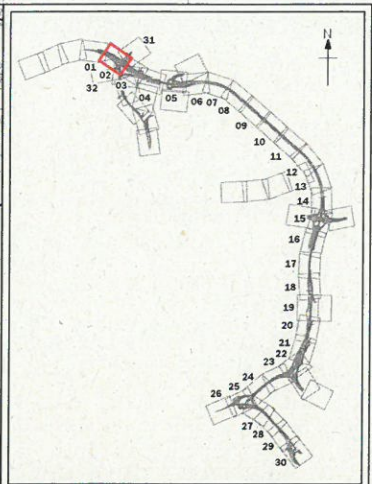
  	<b>£2.00</b>
under 3.5 t    max 8 seats	
 	<b>£6.00</b>
under 5 t    3.5 - 12 t	
 	<b>£8.00</b>
over 5 t    over 12 t	

TO-18

**Bridge tolls ahead**

	<b>FREE</b>
  	<b>£2.00</b>
under 3.5 t    max 8 seats	
 	<b>£6.00</b>
under 5 t    3.5 - 12 t	
	<b>£8.00</b>
	

TO-01



LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**

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**CONSTRUCTION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

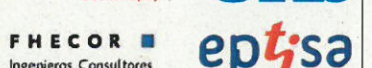
**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
02	05/10/17	SIGN TO-18 HEADER LEGEND REVISED.	ASD	GD	MG
01	01/09/17	SCALE AMENDED	LB	GD	MG
-	14/07/17	ISSUED FOR APPROVAL	LB	GD	MG

**THE MERSEY GATEWAY**

Drawing Title: SECTION 01

TOLLING SIGNS  
TO-18, TO-21, TO-26 & TO-01



Designed By: GD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No: 47067308
	Scale: 1:500@A1 1:1000@A3

**FOR APPROVAL**

Drawing No: MER-DJV-DRA-HWY-01-312039 Rev: 02

DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.

ORIGINAL DRAWING SIZE 841mm x 594mm (A1)

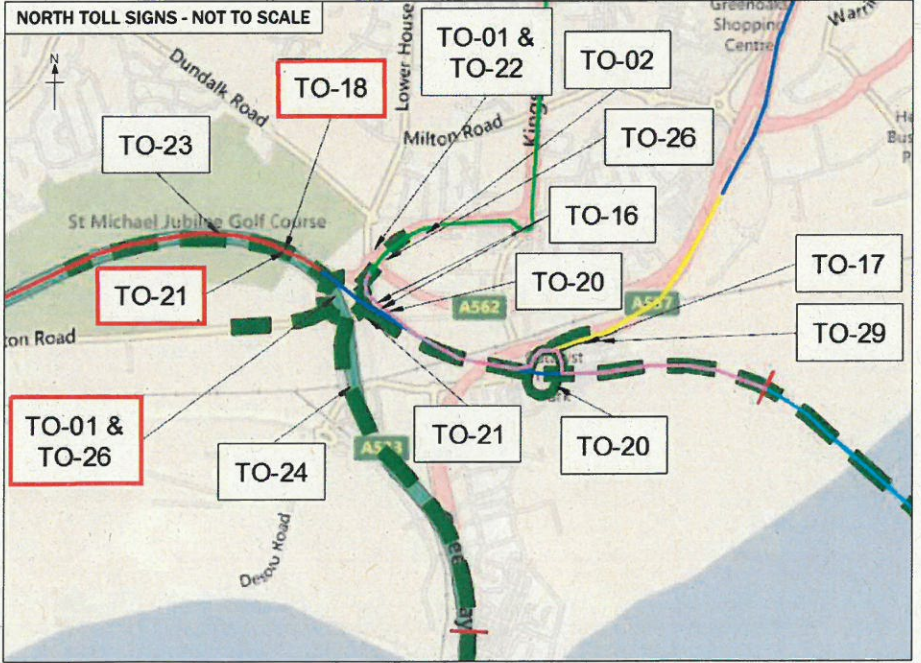
**Last exit before toll**

↑

TO-26

**Pay online at Merseyflow by midnight tomorrow**

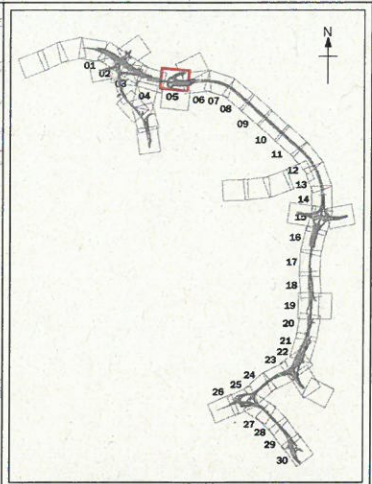
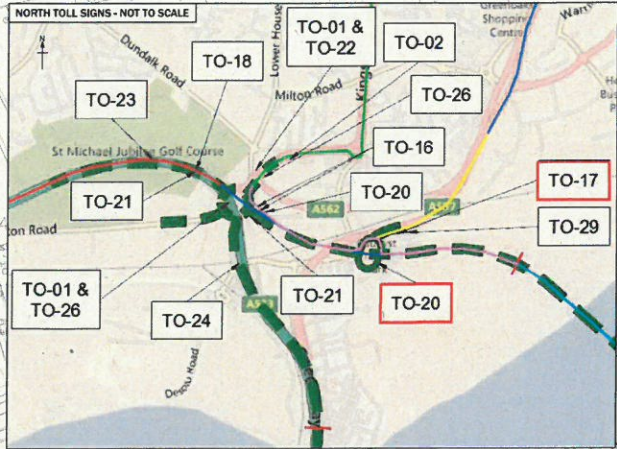
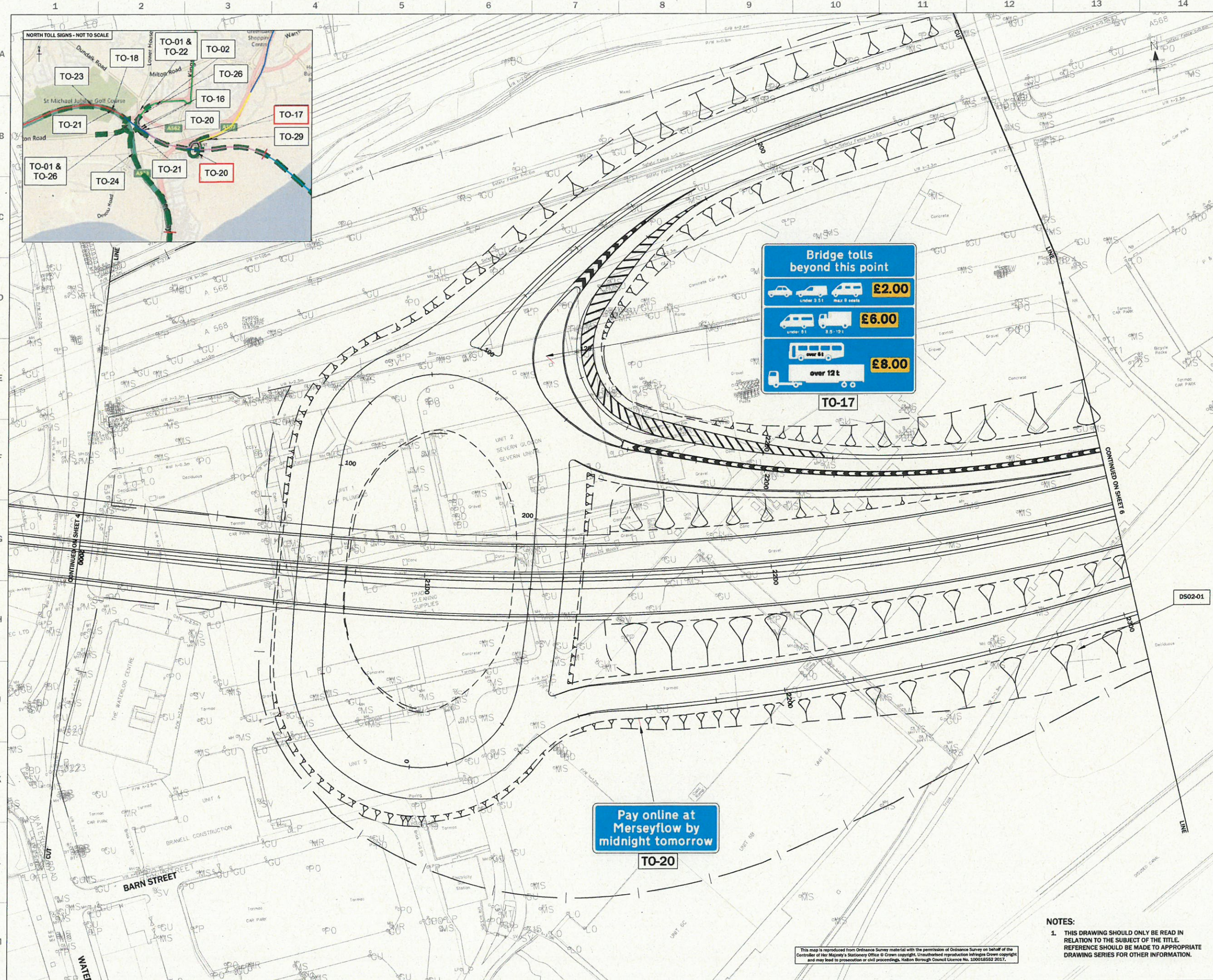
TO-21



**NOTES:**  
1. THIS DRAWING SHOULD ONLY BE READ IN RELATION TO THE SUBJECT OF THE TITLE. REFERENCE SHOULD BE MADE TO APPROPRIATE DRAWING SERIES FOR OTHER INFORMATION.

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**CONSTRUCTION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
01	05/10/17	SIGN TO-17 HEADER LEGEND REVISED.	ASD	GD	MG
02	01/09/17	SCALE AMENDED	LB	GD	MG
-	14/07/17	ISSUED FOR APPROVAL	LB	GD	MG

**THE MERSEY GATEWAY**

Drawing Title: **SECTION 01**  
**TOLLING SIGNS TO-17 & TO-20**



Designed By: ASD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No.: 47067308
Scale: 1:500@A1	1:1000@A3

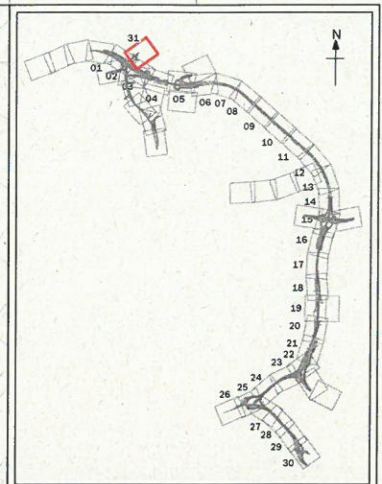
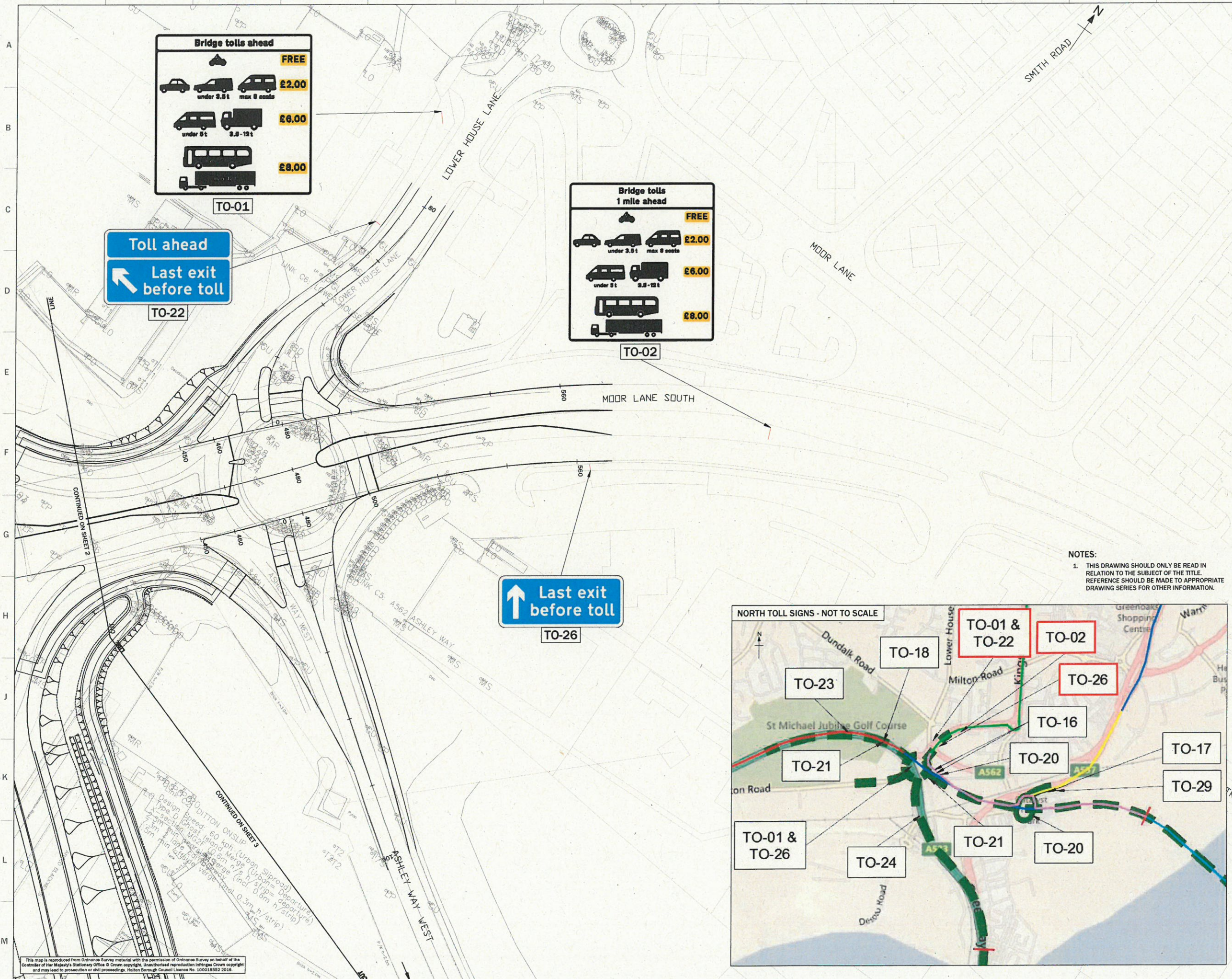
Status: **FOR APPROVAL**

Drawing No.: **MER-DJV-DRA-HWY-02-312040** Rev: **02**  
DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.

**NOTES:**  
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 EXCEPTIONAL RISKS RELATING TO THE WORKS ASSOCIATED WITH THIS DRAWING ARE IDENTIFIED BELOW.

**CONSTRUCTION**  
 NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
 NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
01	01/09/17	SCALE AMENDED	LB	GD	MG
-	14/07/17	ISSUED FOR APPROVAL	LB	GD	MG

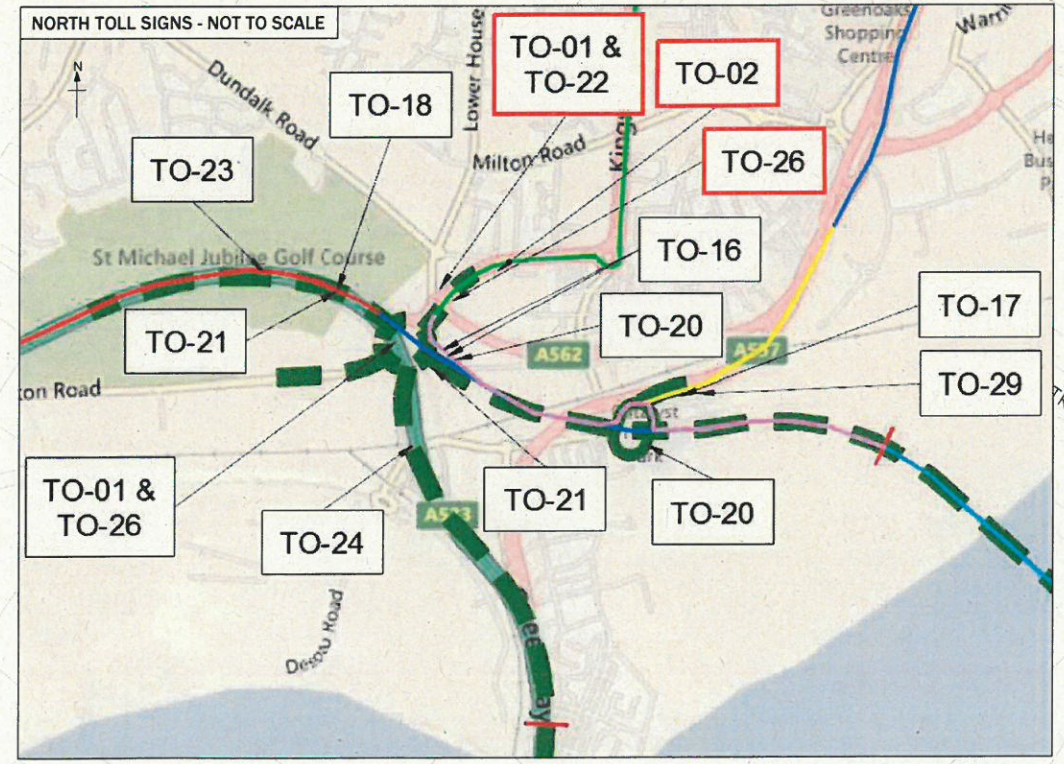
Project: **THE MERSEY GATEWAY**  
 Drawing Title: **SECTION 01**  
**TOLLING SIGNS**  
 TO-01, TO-22, TO-26 & TO-02



Designed By: ASD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No.: 47067308
	Scale: 1:500@A1, 1:1000@A3

Status: **FOR APPROVAL**  
 Drawing No.: **MER-DJV-DRA-HWY-01-312041** Rev: **01**  
 DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.

**NOTES:**  
 1. THIS DRAWING SHOULD ONLY BE READ IN RELATION TO THE SUBJECT OF THE TITLE. REFERENCE SHOULD BE MADE TO APPROPRIATE DRAWING SERIES FOR OTHER INFORMATION.

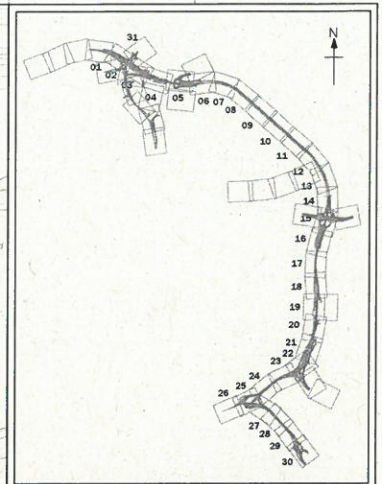




Bridge tolls 1 mile ahead		
		<b>FREE</b>
		<b>£2.00</b>
under 3.5 t    max 9 seats		
		<b>£6.00</b>
under 5 t    3.5 - 12 t		
		<b>£8.00</b>

TO-28

TO-04



LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**

EXCEPTIONAL RISKS RELATING TO THE WORKS ASSOCIATED WITH THIS DRAWING ARE IDENTIFIED BELOW.

**CONSTRUCTION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
-	14/07/17	ISSUED FOR APPROVAL	LB	GD	MG

Project: **THE MERSEY GATEWAY**

Drawing Title: **WESTON POINT EXPRESSWAY**

**TOLLING SIGNS**  
TO-04 & TO-28



Designed By: ASD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No: 47067308
Scale: 1:500 @ A1	1:1000 @ A3

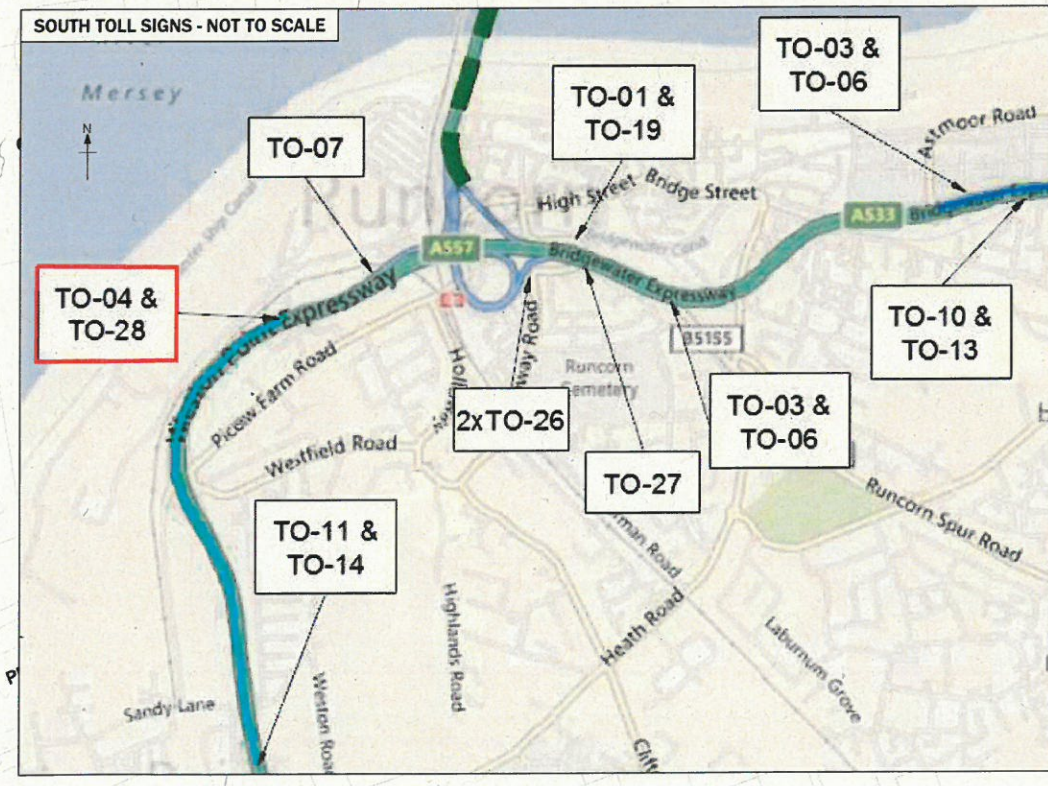
Status: **FOR APPROVAL**

Drawing No: **MER-DJV-DRA-HWY-OB-312042**

DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.

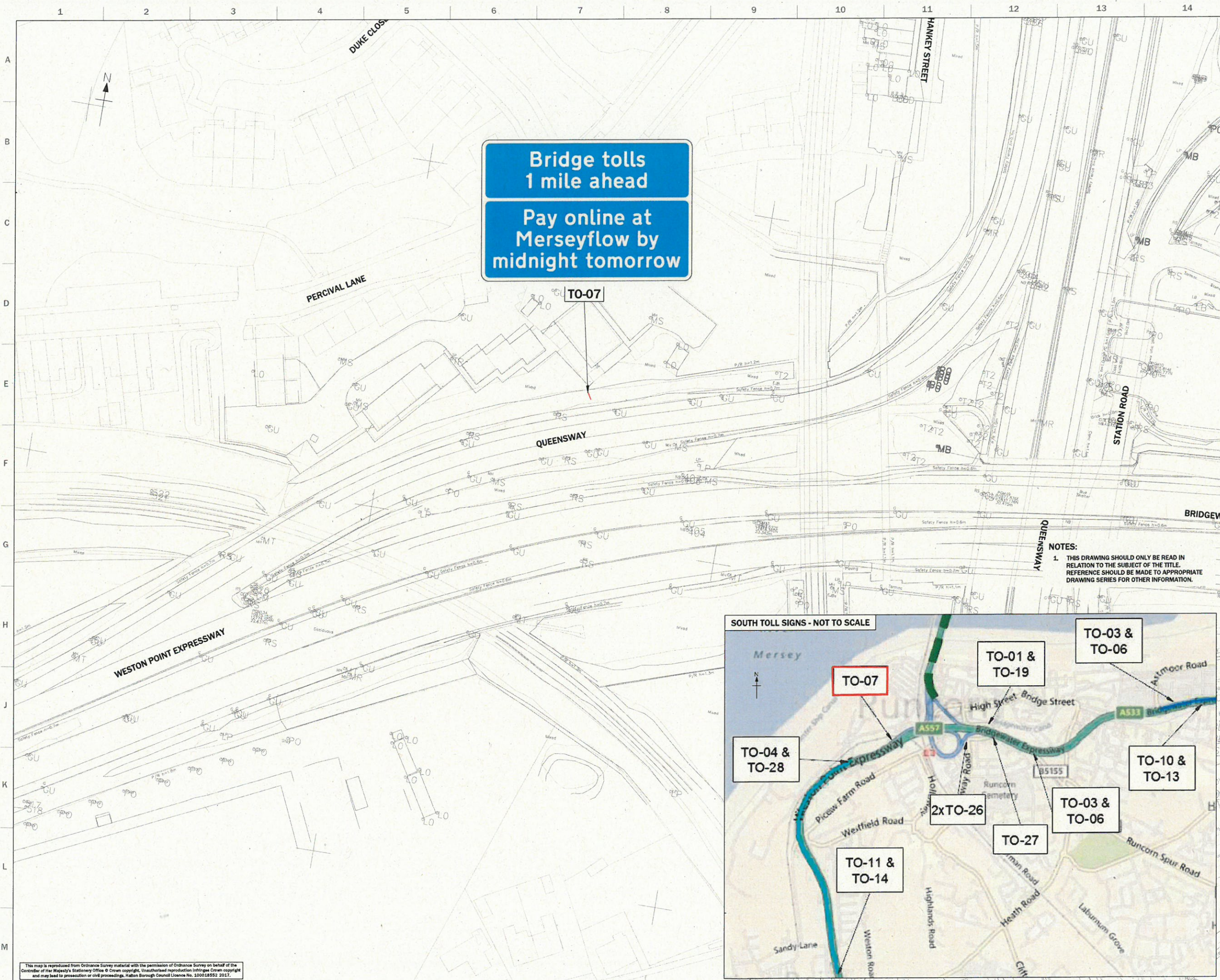
ORIGINAL DRAWING SIZE 841mm x 594mm (A1)

**NOTES:**  
1. THIS DRAWING SHOULD ONLY BE READ IN RELATION TO THE SUBJECT OF THE TITLE. REFERENCE SHOULD BE MADE TO APPROPRIATE DRAWING SERIES FOR OTHER INFORMATION.



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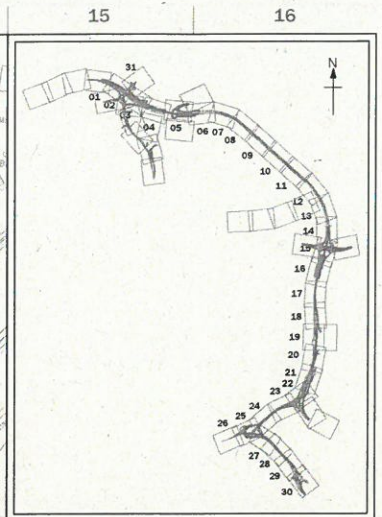


**Bridge tolls  
1 mile ahead**

**Pay online at  
Merseyflow by  
midnight tomorrow**

TO-07

**NOTES:**  
1. THIS DRAWING SHOULD ONLY BE READ IN RELATION TO THE SUBJECT OF THE TITLE. REFERENCE SHOULD BE MADE TO APPROPRIATE DRAWING SERIES FOR OTHER INFORMATION.



LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**

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**CONSTRUCTION**  
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**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
-	14/07/17	ISSUED FOR APPROVAL	LB	GD	MG

**THE MERSEY GATEWAY**

Drawing Title: QUEENSWAY

TOLLING SIGNS  
TO-07



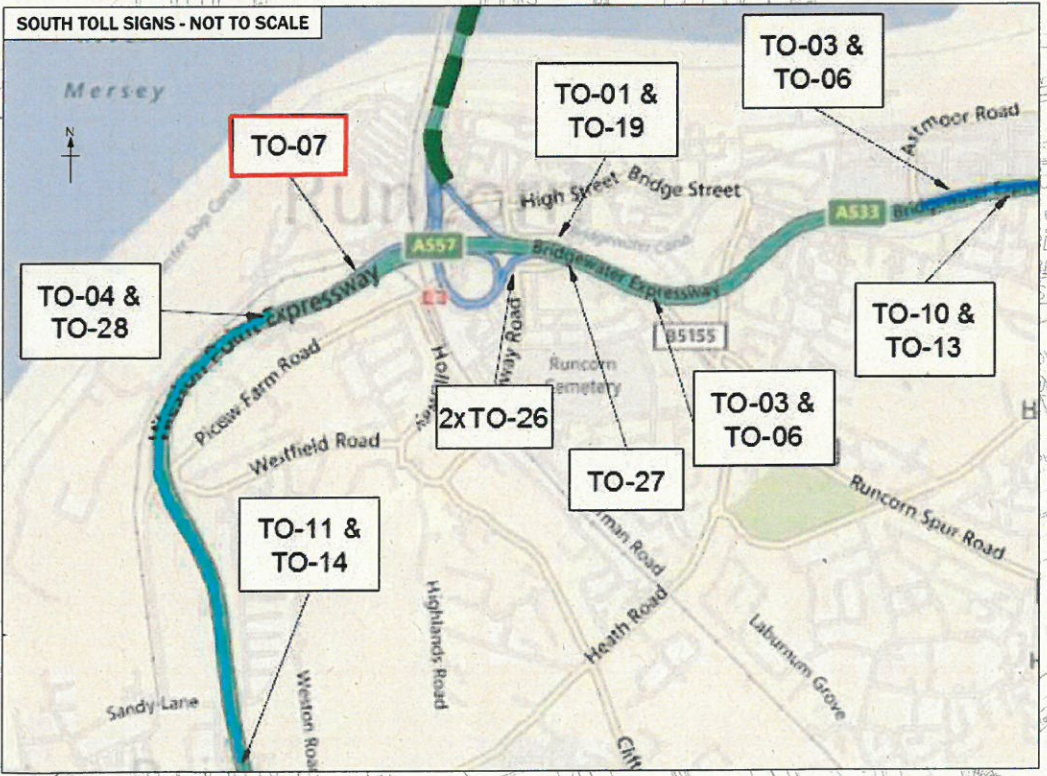
Designed By: ASD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No: 47067308
Scale: 1:500 @ A1	1:1000 @ A3

Status: **FOR APPROVAL**

Drawing No: **MER-DIV-DRA-HWY-OB-312043**

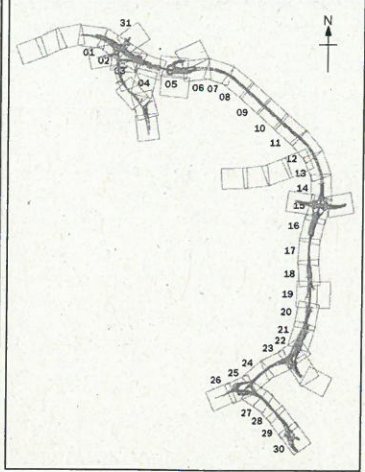
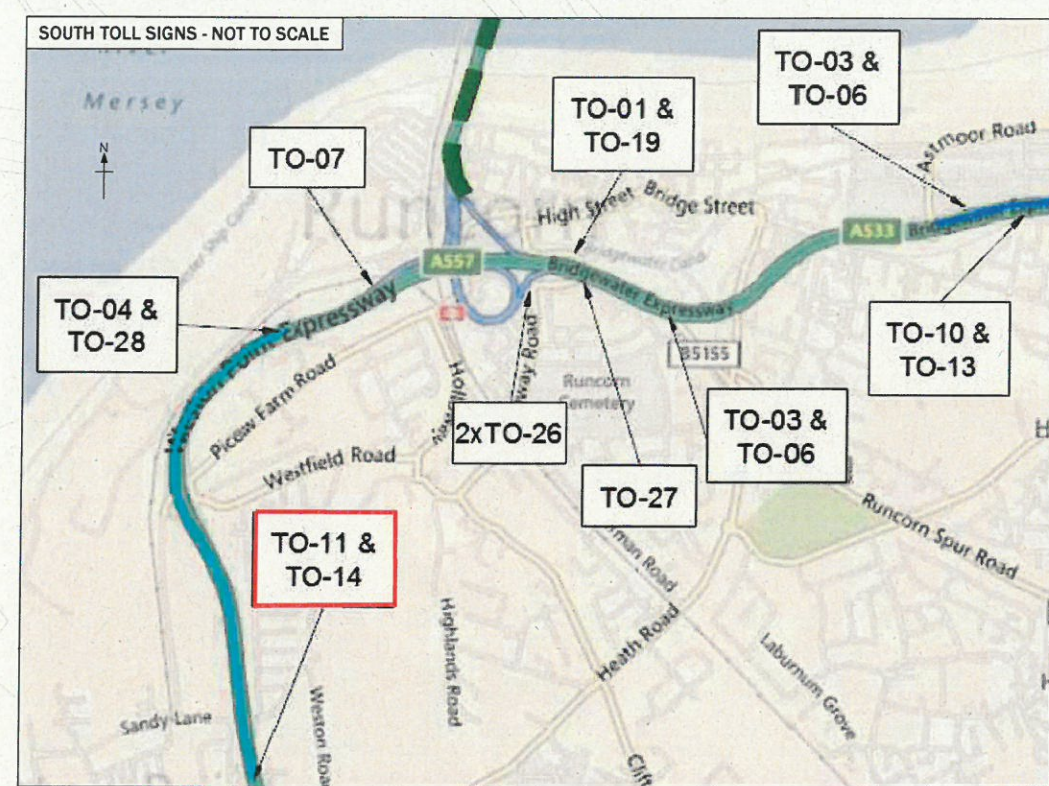
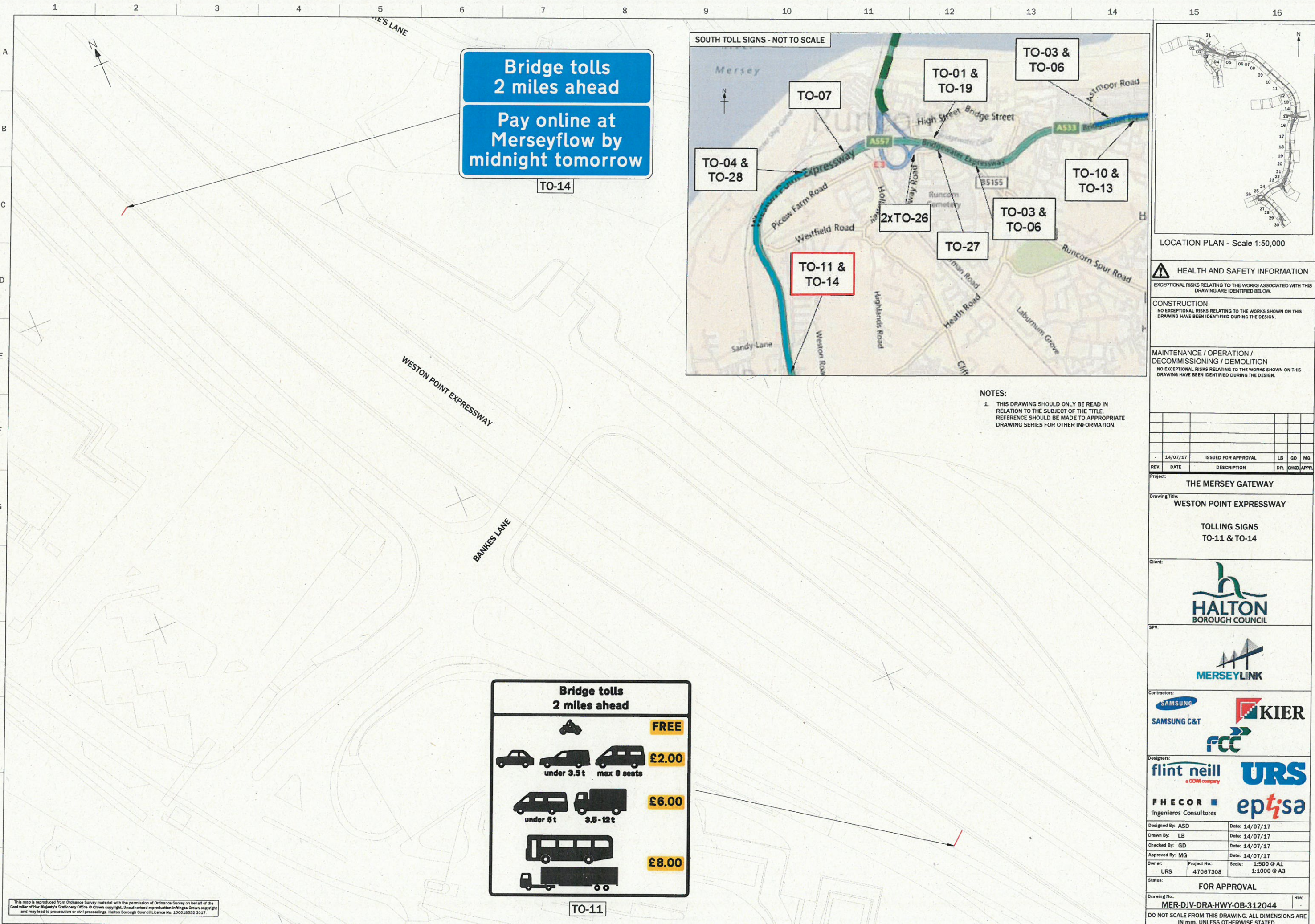
DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.

ORIGINAL DRAWING SIZE 841mm x 594mm (A1)



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LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**  
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**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
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**NOTES:**  
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REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
-	14/07/17	ISSUED FOR APPROVAL	LB	GD	MG

Project: **THE MERSEY GATEWAY**

Drawing Title: **WESTON POINT EXPRESSWAY**

**TOLLING SIGNS  
TO-11 & TO-14**



Designed By: ASD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No.: 47067308
	Scale: 1:500 @ A1 1:1000 @ A3

FOR APPROVAL  
**MER-DJV-DRA-HWY-OB-312044**

DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.

**Bridge tolls  
2 miles ahead**

**Pay online at  
Merseyflow by  
midnight tomorrow**

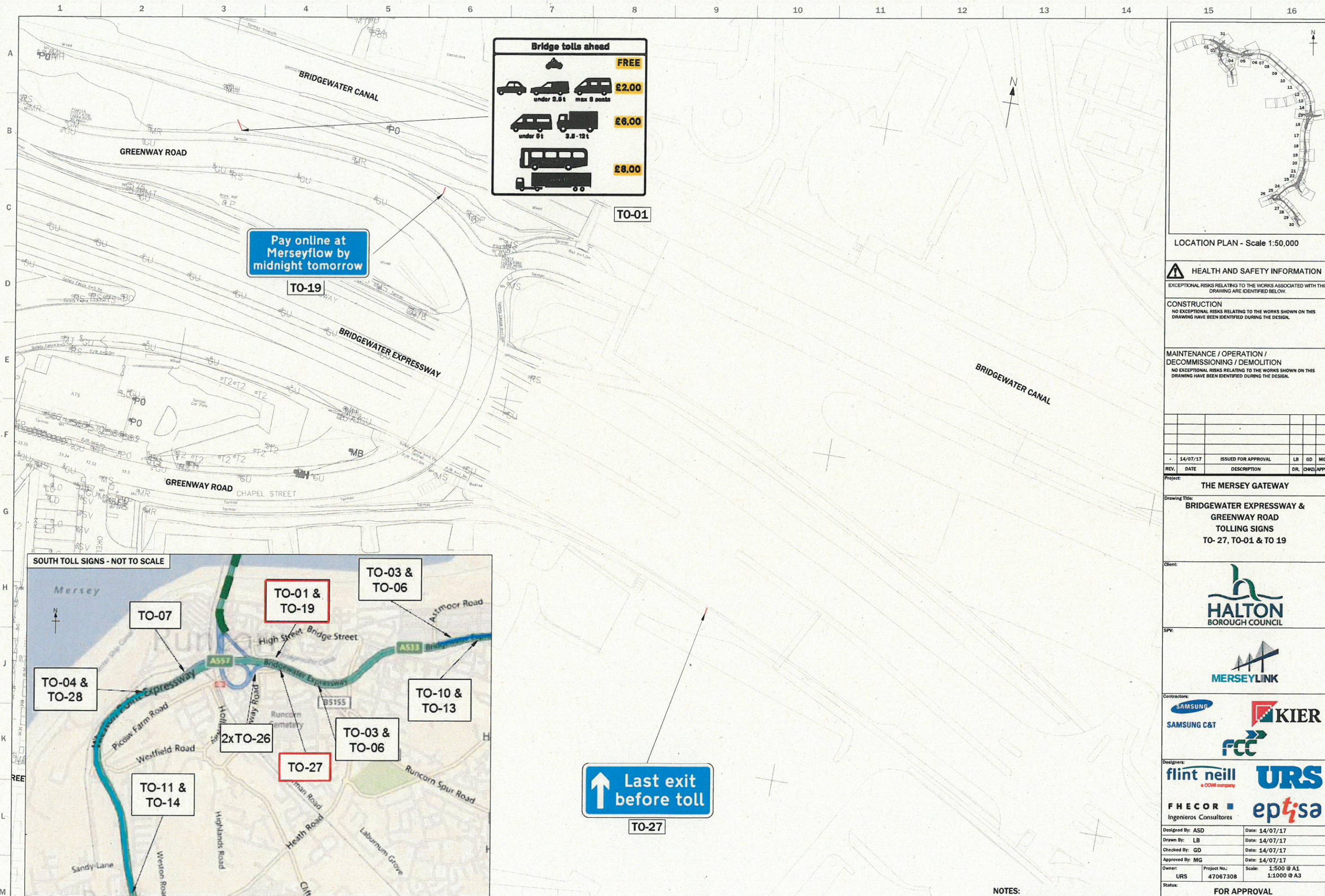
TO-14

Bridge tolls 2 miles ahead	
	<b>FREE</b>
	<b>£2.00</b>
under 3.5t max 9 seats	
	<b>£6.00</b>
under 6t 3.0-12t	
	<b>£8.00</b>

TO-11

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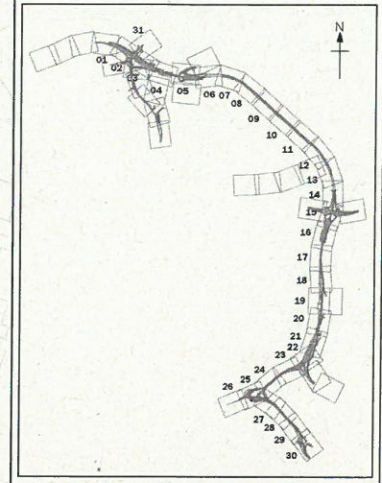


**Bridge tolls ahead**

	<b>FREE</b>
	<b>£2.00</b>
under 3.5t max 9 seats	
	<b>£6.00</b>
under 6t 3.5-12t	
	<b>£8.00</b>

Pay online at Merseyflow by midnight tomorrow

Last exit before toll



LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**

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**CONSTRUCTION**  
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**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
-	14/07/17	ISSUED FOR APPROVAL	LB	GD	MG

Project: **THE MERSEY GATEWAY**

Drawing Title: **BRIDGEWATER EXPRESSWAY & GREENWAY ROAD TOLLING SIGNS TO-27, TO-01 & TO 19**



Designed By: ASD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No: 47067308
Scale: 1:500 @ A1	1:1000 @ A3

Status: **FOR APPROVAL**

Drawing No: **MER-DJV-DRA-HWY-OB-312045**

DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.

**NOTES:**  
1. THIS DRAWING SHOULD ONLY BE READ IN RELATION TO THE SUBJECT OF THE TITLE. REFERENCE SHOULD BE MADE TO APPROPRIATE DRAWING SERIES FOR OTHER INFORMATION.



**Bridge tolls  
1 mile ahead**

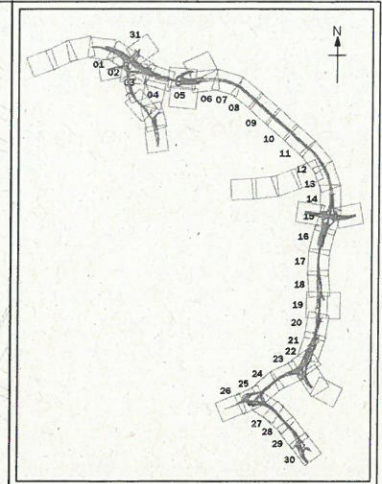
	<b>FREE</b>
	<b>£2.00</b>
under 3.5t max 9 seats	
	<b>£6.00</b>
under 5t 3.5-12t	
	<b>£8.00</b>

TO-03

**Bridge tolls  
1 mile ahead**

**Pay online at  
Merseyflow by  
midnight tomorrow**

TO-06



LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**

EXCEPTIONAL RISKS RELATING TO THE WORKS ASSOCIATED WITH THIS DRAWING ARE IDENTIFIED BELOW.

**CONSTRUCTION**  
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**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
-	14/07/14	ISSUED FOR APPROVAL	LB	GD	MG

**THE MERSEY GATEWAY**

Drawing Title: **RUNCORN SPUR ROAD**

**TOLLING SIGNS  
TO-03 & TO-06**



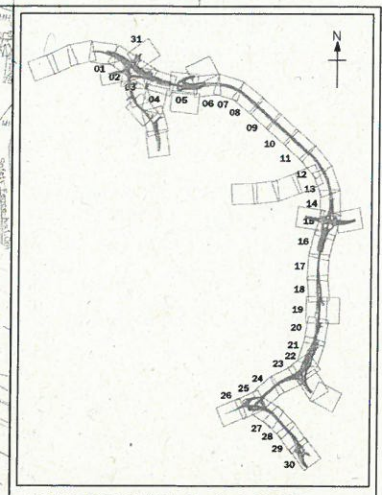
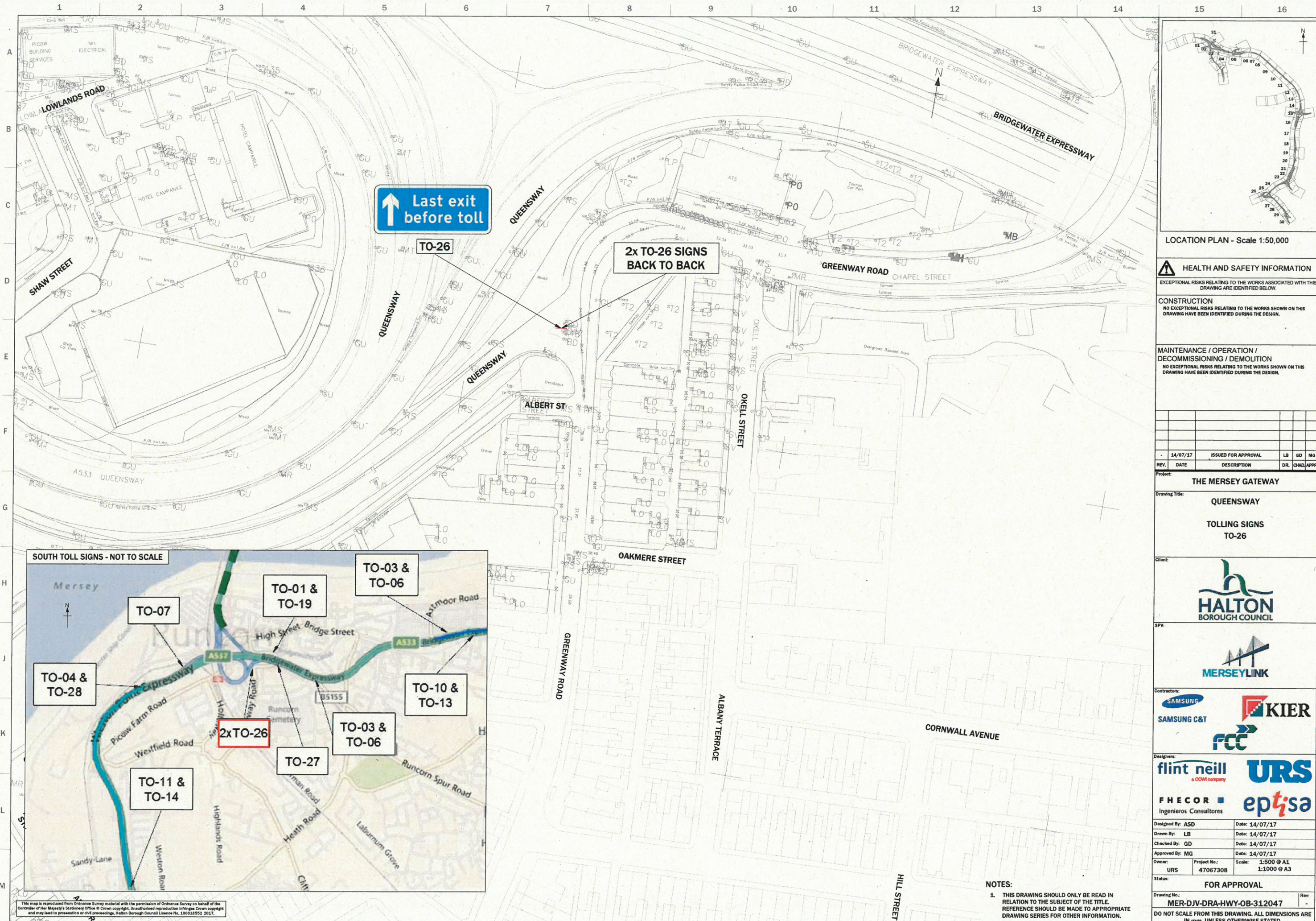
Designed By: ASD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No: 47067308
Scale: 1:500 @ A1	1:1000 @ A3

Status: **FOR APPROVAL**

Drawing No: **MER-DJV-DRA-HWY-OB-312046**

**NOTES:**  
1. THIS DRAWING SHOULD ONLY BE READ IN RELATION TO THE SUBJECT OF THE TITLE. REFERENCE SHOULD BE MADE TO APPROPRIATE DRAWING SERIES FOR OTHER INFORMATION.





LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**

EXCEPTIONAL RISKS RELATING TO THE WORKS ASSOCIATED WITH THIS DRAWING ARE IDENTIFIED BELOW.

**CONSTRUCTION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

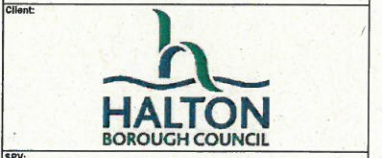
**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
14/07/17		ISSUED FOR APPROVAL	LB	GD	MG

**THE MERSEY GATEWAY**

Drawing Title: **QUEENSWAY**

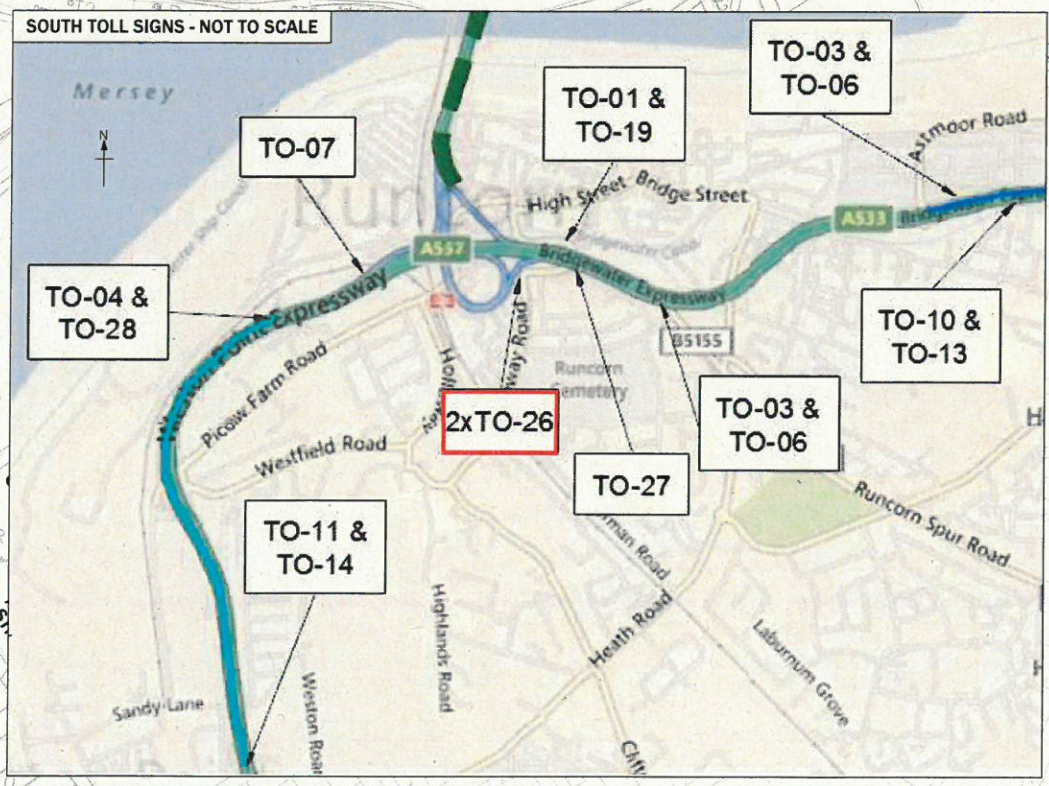
**TOLLING SIGNS TO-26**



Designed By: ASD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No: 47067308
Scale: 1:500 @ A1	1:1000 @ A3

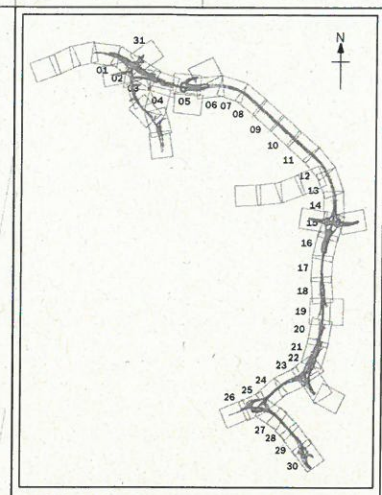
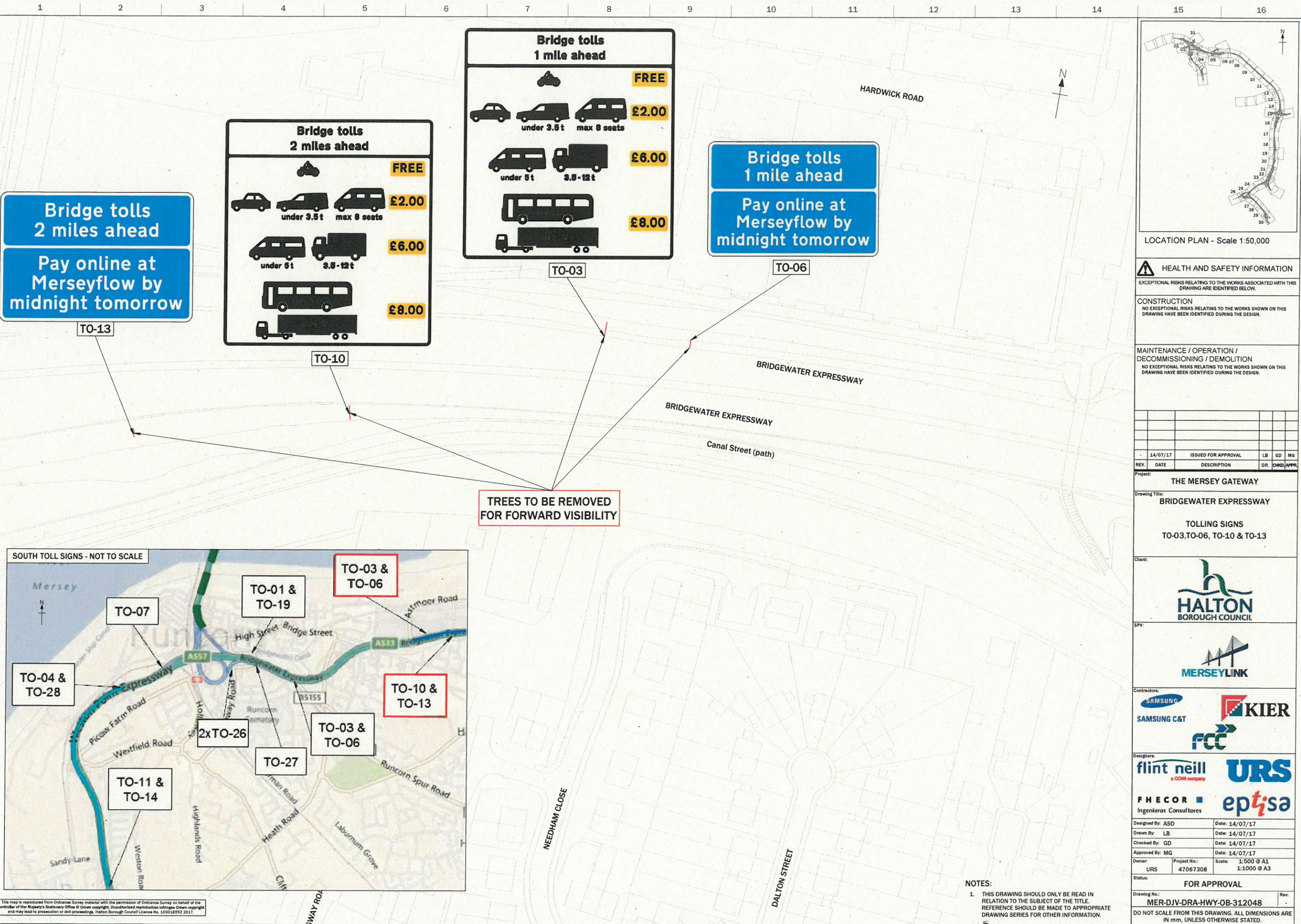
**FOR APPROVAL**

Drawing No: **MER-DJV-DRA-HWY-08-312047**  
DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.



**NOTES:**  
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LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**

EXCEPTIONAL RISKS RELATING TO THE WORKS ASSOCIATED WITH THIS DRAWING ARE IDENTIFIED BELOW.

**CONSTRUCTION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
-	14/07/17	ISSUED FOR APPROVAL	LB	GD	MG

Project: **THE MERSEY GATEWAY**

Drawing Title: **BRIDGEWATER EXPRESSWAY**

**TOLLING SIGNS**  
TO-03, TO-06, TO-10 & TO-13

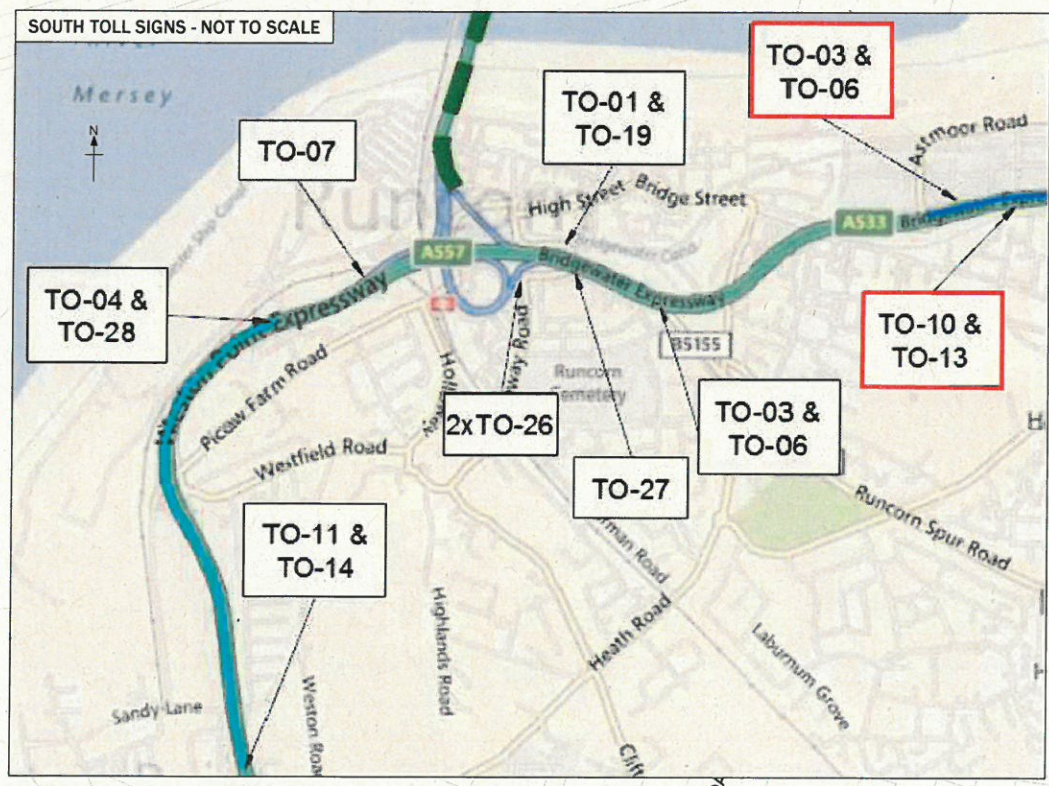


Designed By: ASD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No.: 47067308
Scale: 1:500 @ A1	1:1000 @ A3

Status: **FOR APPROVAL**

Drawing No.: **MER-DJV-DRA-HWY-OB-312048**

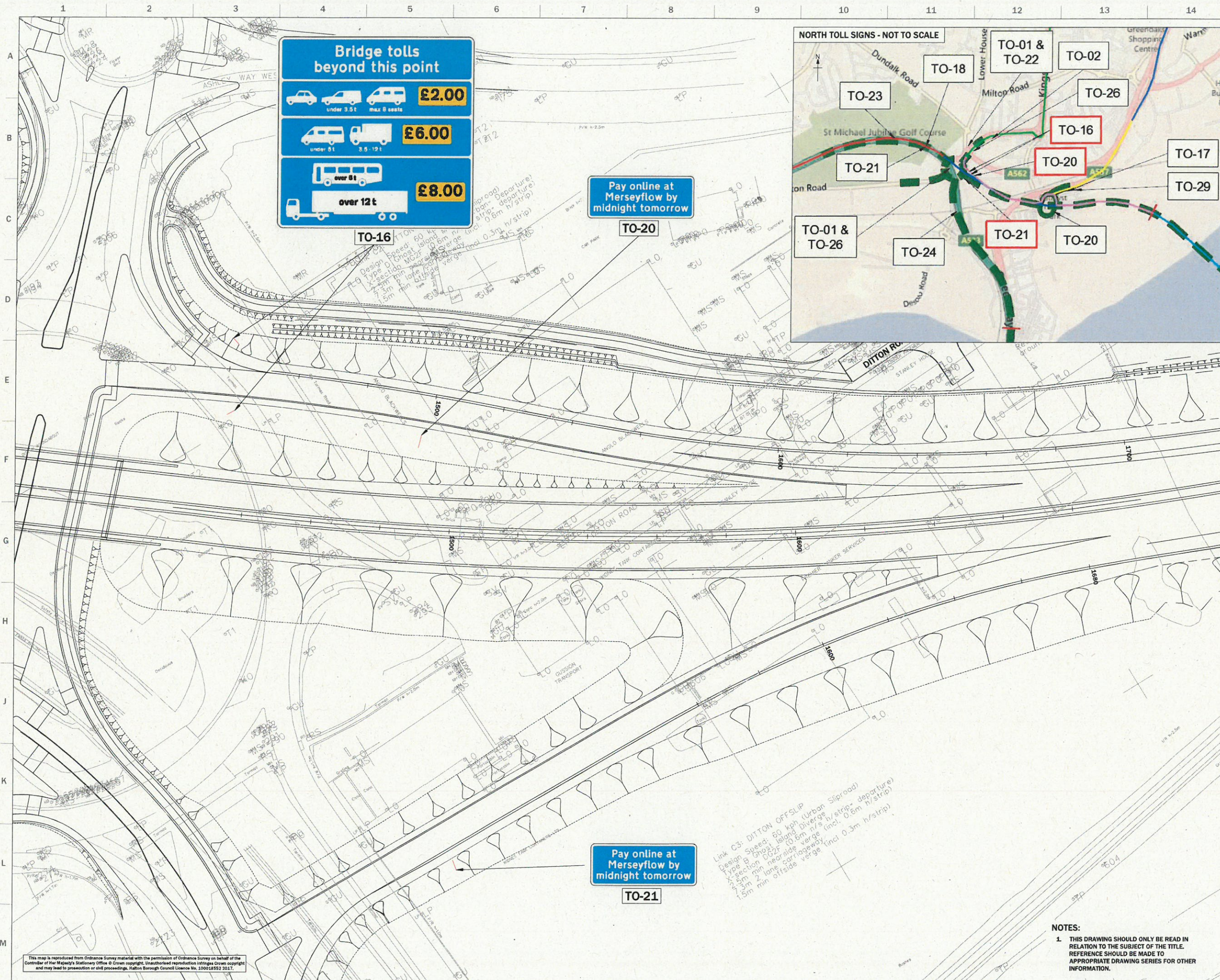
DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.



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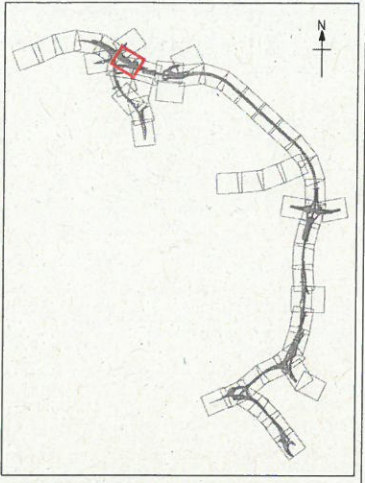
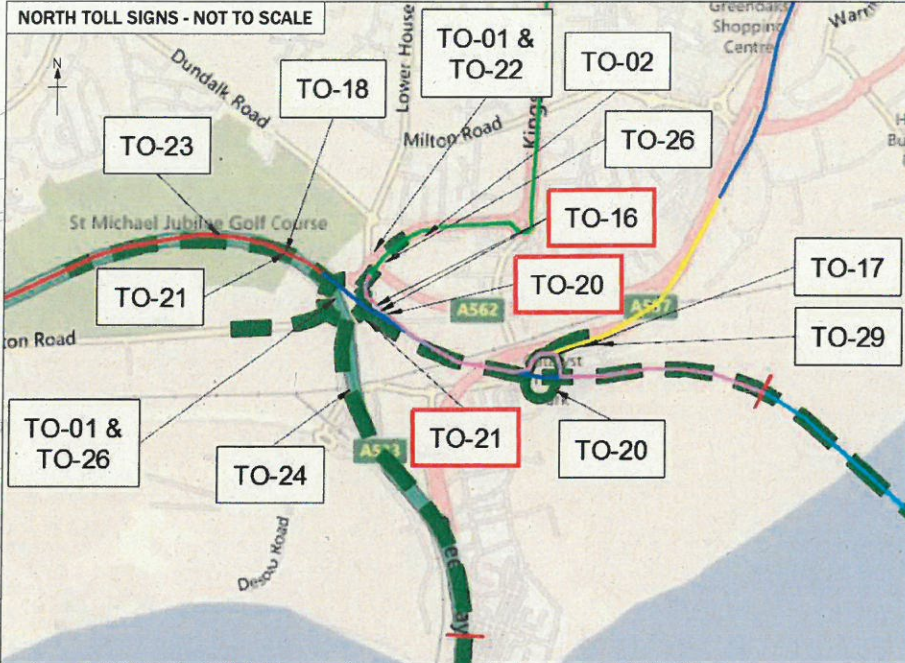




**Bridge tolls beyond this point**

	<b>£2.00</b>
under 3.5t max 8 seats	
	<b>£6.00</b>
under 5t 3.5 - 19t	
	<b>£8.00</b>
over 5t	
	<b>£8.00</b>
over 12t	

Pay online at Merseyflow by midnight tomorrow



LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**

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**CONSTRUCTION**  
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**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
02	05/10/17	SIGN TO-16 HEADER LEGEND REVISED.	ASD	GD	MG
01	01/09/17	SCALE AMENDED	LB	GD	MG
-	14/07/17	ISSUED FOR APPROVAL	LB	GD	MG

**THE MERSEY GATEWAY**

Drawing Title: **SECTION 01**

**TOLLING SIGNS TO-16, TO-20 & TO-21**



Designed By: ASD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No: 47067308
Scale: 1:500@A1	1:1000@A3

Status: **FOR APPROVAL**

Drawing No.: **MER-DJV-DRA-HWY-01-312049** Rev: 02

DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.

Pay online at Merseyflow by midnight tomorrow

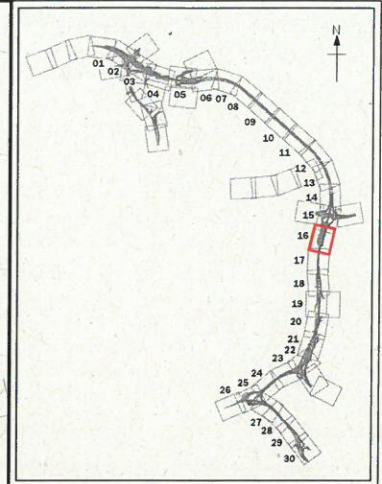
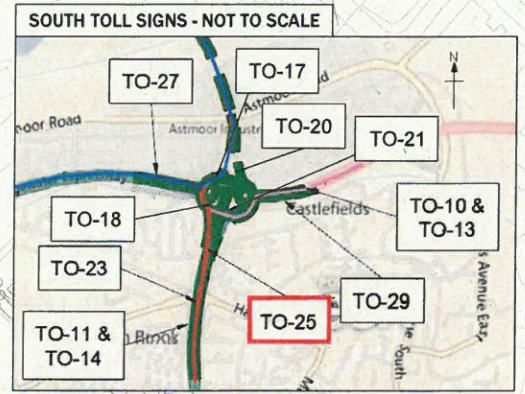
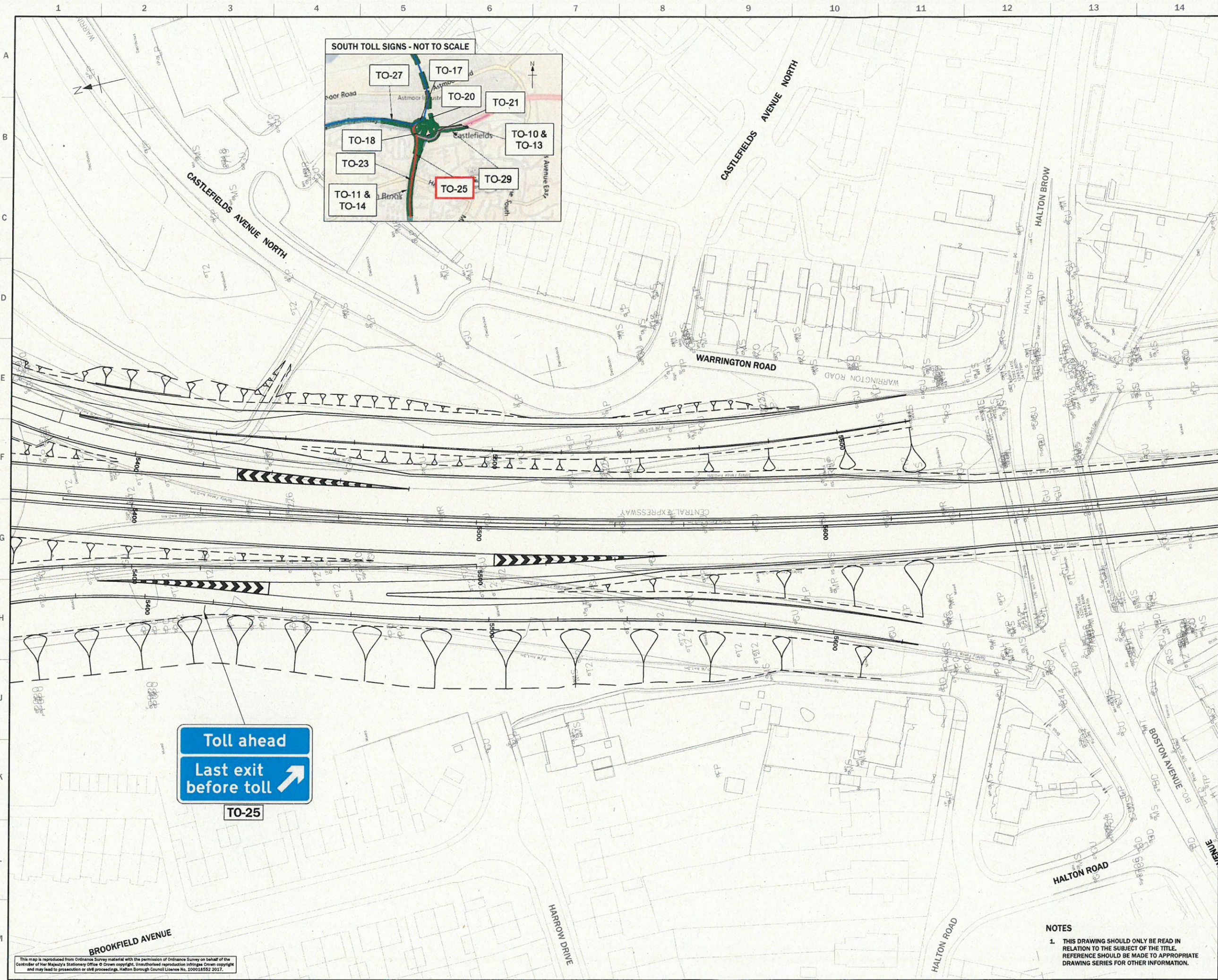
TO-21

Link C3: DITTON OFFSLIP  
Design Speed: 60 kph (Urban Sliproad)  
Type B Chgs: Island Diverge  
X-section DC2: 10.6m w/s w/s departure  
4.25m min. nearside verge  
4.25m 2. lane carriageway incl. 0.6m h/strip  
1.5m min. offside verge incl. 0.3m h/strip

**NOTES:**  
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LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**

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**CONSTRUCTION**  
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**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN.

REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
01	01/09/17	SCALE AMENDED	RC	GD	MG
-	17/07/17	FOR APPROVAL	PK	GD	MG

**THE MERSEY GATEWAY**

Drawing Title:  
**SECTION 04  
CENTRAL EXPRESSWAY  
TOLLING SIGN  
TO-25**



Designed By:	ASD	Date:	14/07/17
Drawn By:	PK	Date:	14/07/17
Checked By:	GD	Date:	17/07/17
Approved By:	MG	Date:	17/07/17
Owner:	URS	Project No.:	47067308
		Scale:	1:500@A1 1:1000@A3

Status: **FOR APPROVAL**

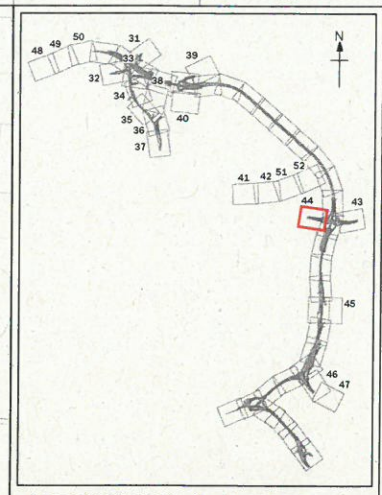
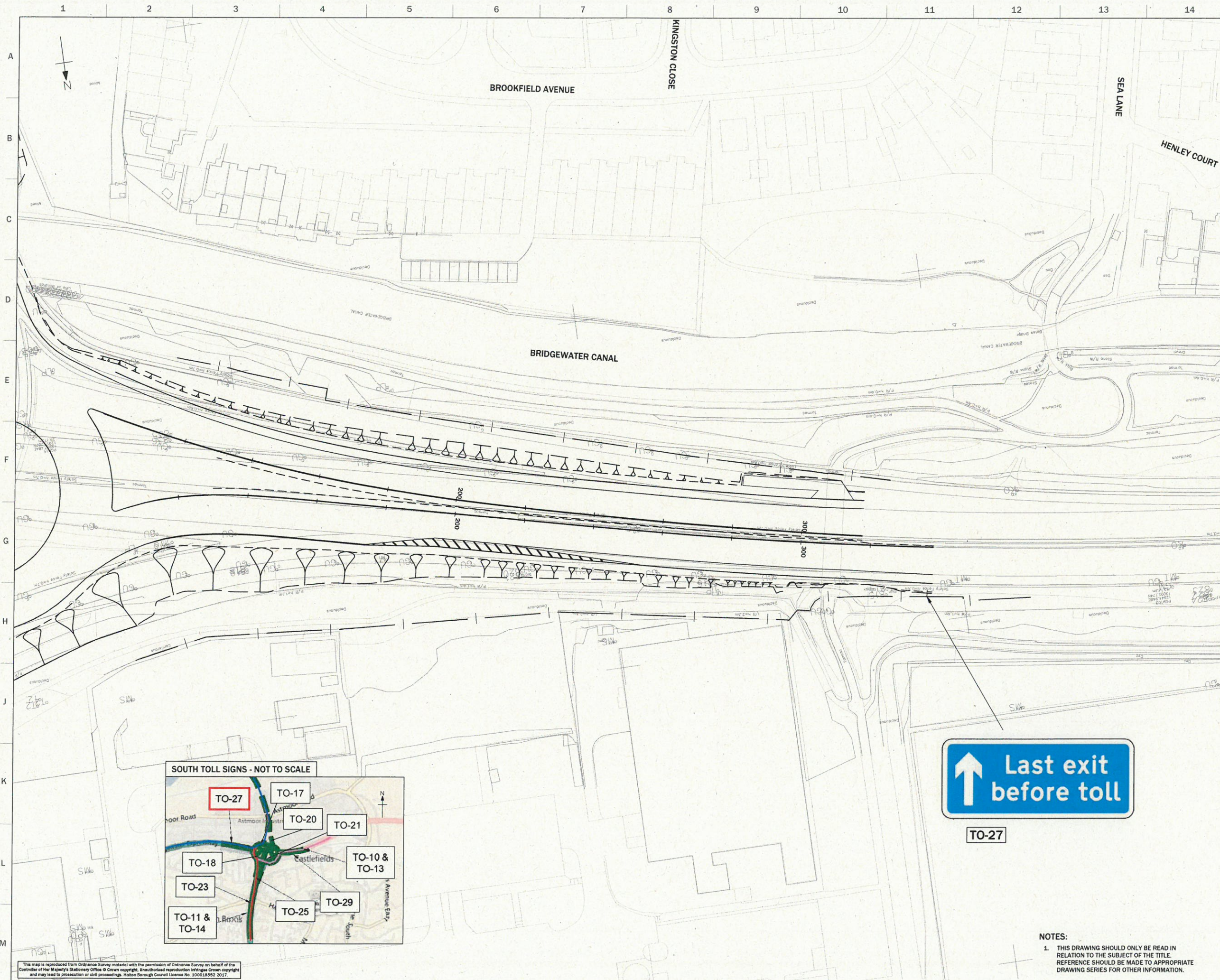
Drawing No.: **MER-DJV-DRA-HWY-04-312050** Rev: **01**

DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.

**NOTES**

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LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**

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**MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION**  
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REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
01	01/09/17	SCALE AMENDED	LB	GD	MG
	17/07/17	FOR APPROVAL	PK	GD	MG

**THE MERSEY GATEWAY**

Drawing Title: **SECTION 04**  
**BRIDGEWATER EXPRESSWAY TOLLING SIGN TO-27**



Designers:	flint neill a OOHV company	URS
Contractors:	SAMSUNG SAMSUNG C&T	KIER FCC
Designers:	FHECOR Ingenieros Consultores	eptisa
Designed By:	ASD	Date: 03/12/14
Drawn By:	PK	Date: 14/07/17
Checked By:	GD	Date: 17/07/17
Approved By:	MG	Date: 17/07/17
Owner:	URS	Project No.: 47067308
		Scale: 1:500@A1 1:1000@A3

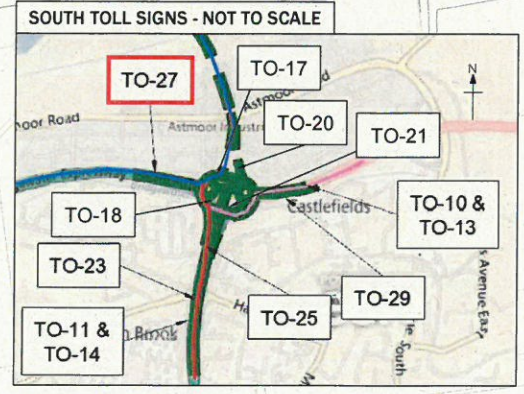
Status: **FOR APPROVAL**

Drawing No.: **MER-DJV-DRA-HWY-04-312051** Rev: **01**

DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.

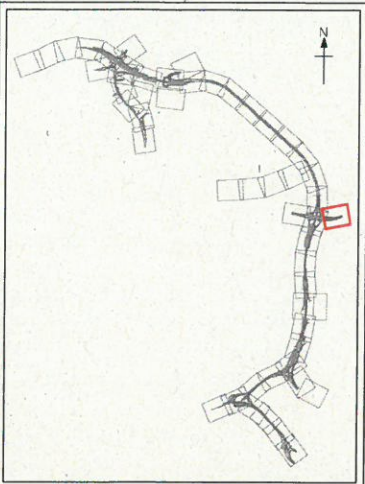
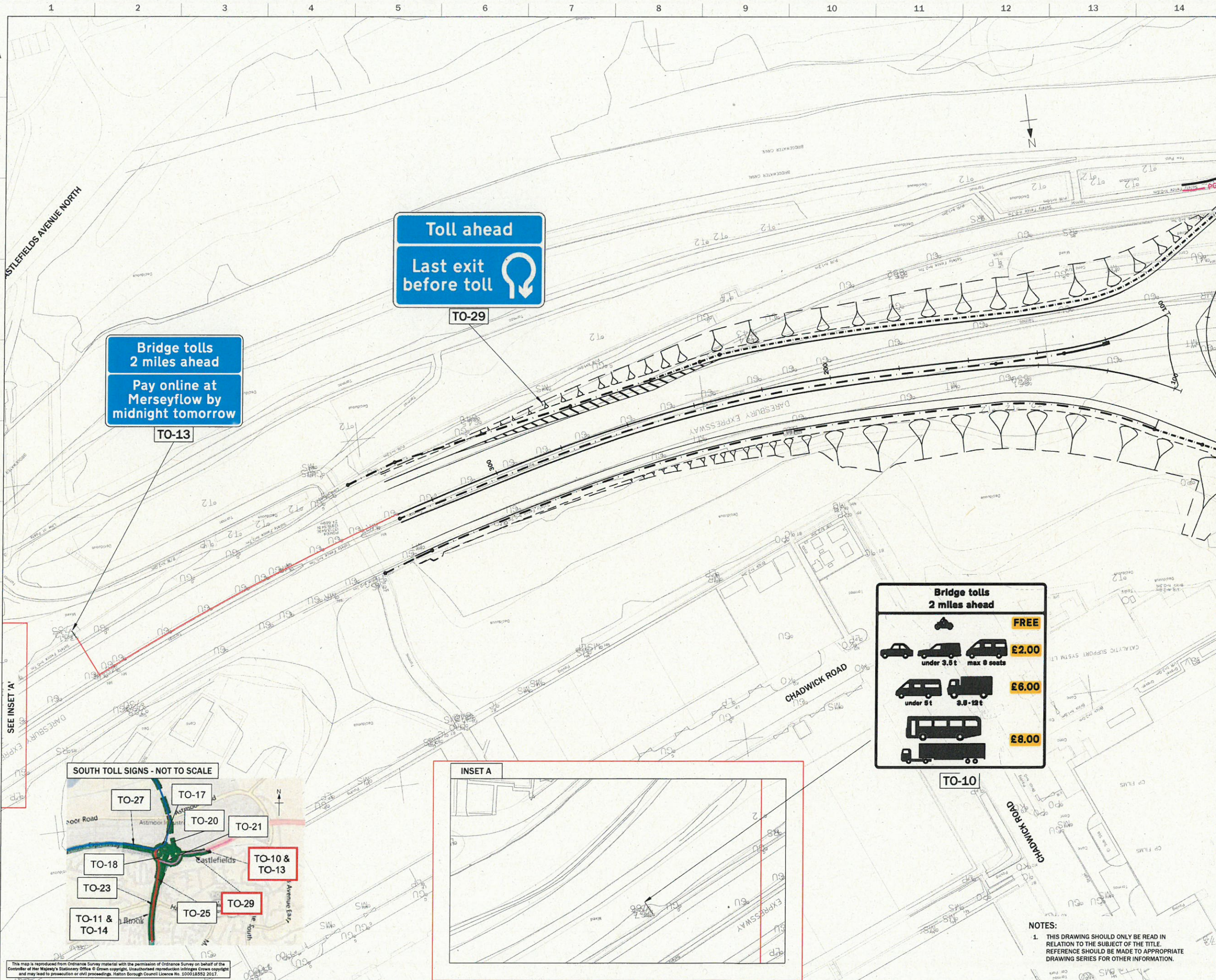


TO-27



**NOTES:**  
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LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**

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REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
01	01/09/17	SCALE AMENDED	LB	GD	MG
-	17/07/17	FOR APPROVAL	PK	GD	MG

**THE MERSEY GATEWAY**  
Drawing Title: SECTION 04  
DARESBUARY EXPRESSWAY  
TOLLING SIGN  
TO-10, TO-13 AND TO-29



Designed By: ASD	Date: 14/07/17
Drawn By: PK	Date: 14/07/17
Checked By: GD	Date: 17/07/17
Approved By: MG	Date: 17/07/17
Owner: URS	Project No.: 47067308
Scale: 1:500@A1	1:1000@A3

Status: FOR APPROVAL  
Drawing No.: MER-DJV-DRA-HWY-04-312052 Rev: 01

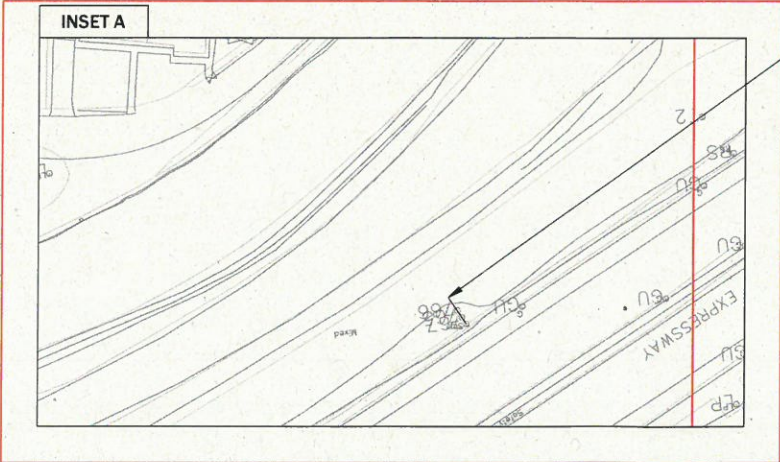
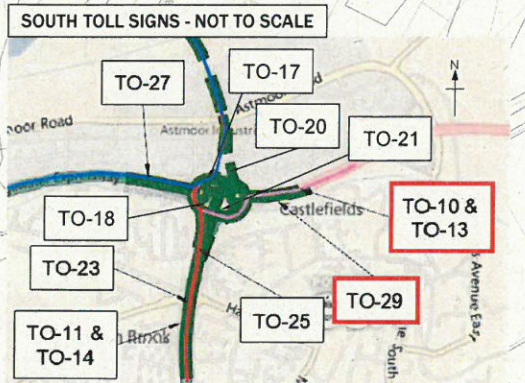
DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.  
1:500 SCHEME LAYOUT ORIGINAL DRAWING SIZE 841mm x 594mm (A1)

Bridge tolls  
2 miles ahead  
Pay online at  
Merseyflow by  
midnight tomorrow

Toll ahead  
Last exit  
before toll

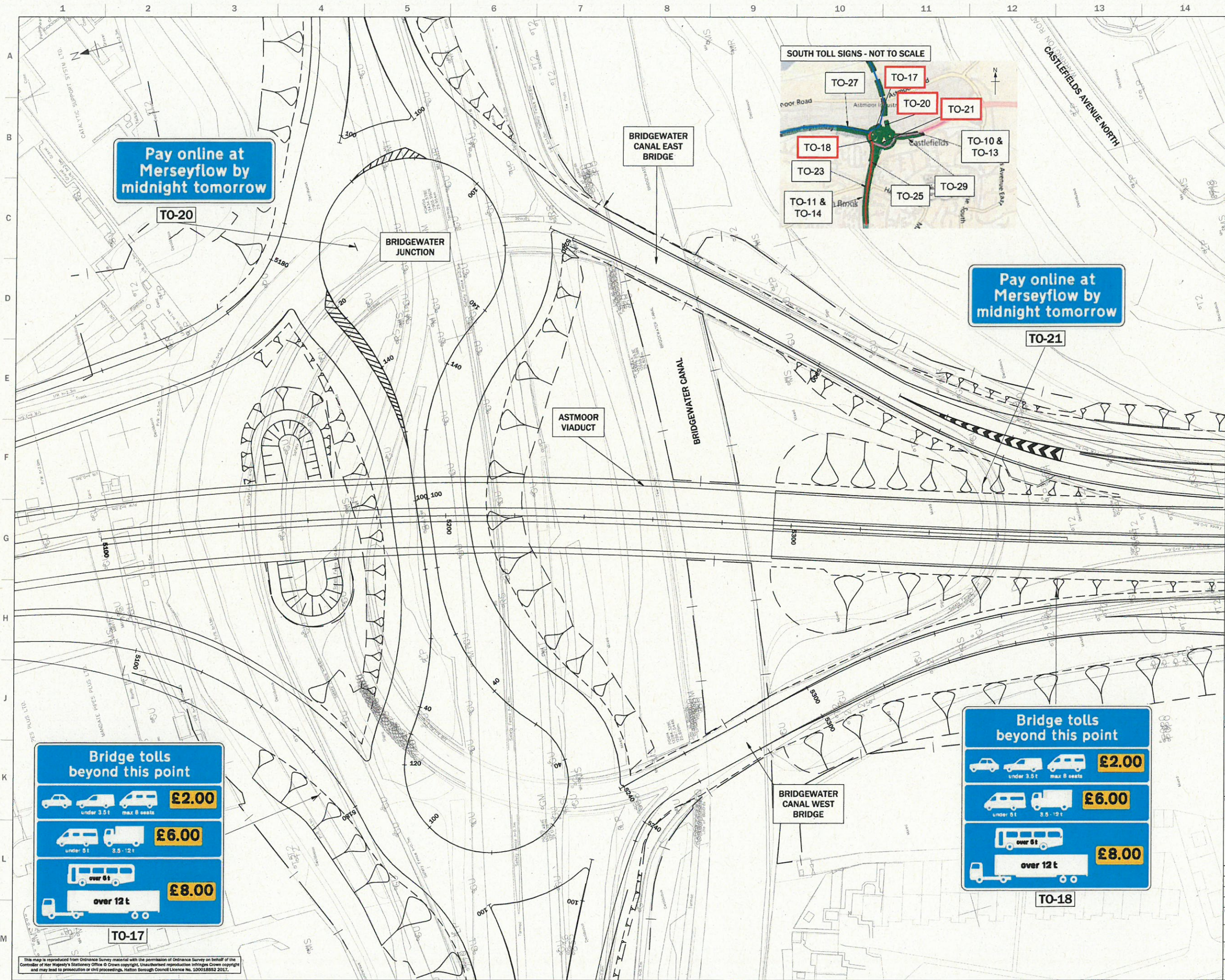
Bridge tolls  
2 miles ahead

	<b>FREE</b>
	<b>£2.00</b>
under 3.5t max 8 seats	
	<b>£6.00</b>
under 5t 3.5-12t	
	<b>£8.00</b>



NOTES:  
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Pay online at Merseyflow by midnight tomorrow

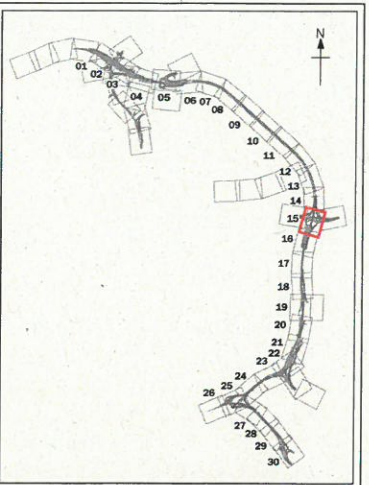
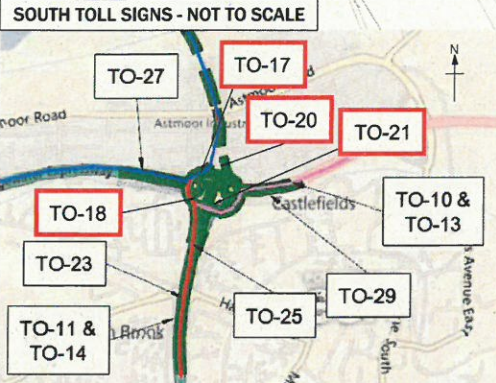
Pay online at Merseyflow by midnight tomorrow

**Bridge tolls beyond this point**

			<b>£2.00</b>
under 3.5t max 8 seats			
			<b>£6.00</b>
under 6t		2.5 - 12t	
			<b>£8.00</b>
over 6t			
			<b>£8.00</b>
over 12t			

**Bridge tolls beyond this point**

			<b>£2.00</b>
under 3.5t max 8 seats			
			<b>£6.00</b>
under 6t		3.5 - 12t	
			<b>£8.00</b>
over 6t			
			<b>£8.00</b>
over 12t			



**HEALTH AND SAFETY INFORMATION**  
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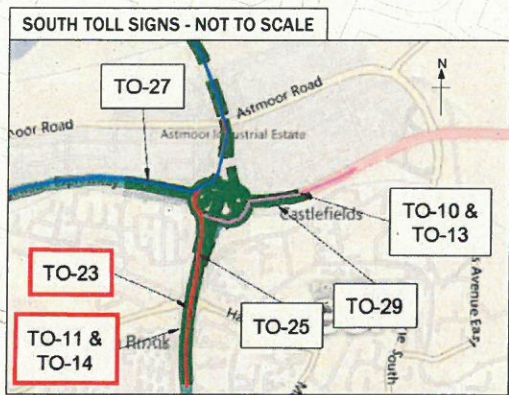
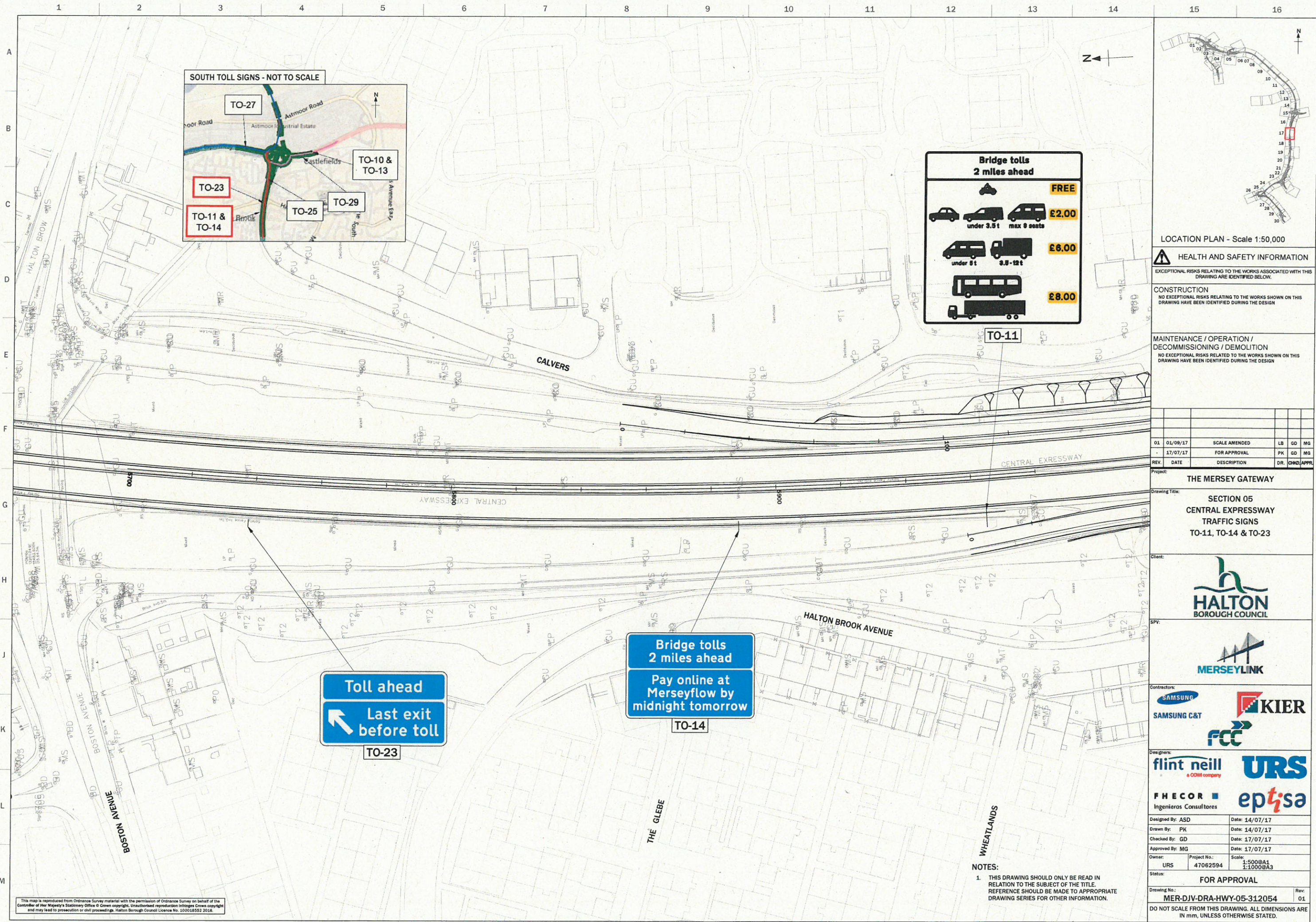
REV.	DATE	DESCRIPTION	DR.	CHKD.	APPD.
02	06/10/17	SIGNS TO-17 & 18 HEADER LEGEND REVISED	ASD	MG	GD
01	01/09/17	SCALE AMENDED	LB	GD	MG
-	17/07/17	FOR APPROVAL	PK	GD	MG

**Project:** THE MERSEY GATEWAY  
**Drawing Title:** SECTION 04  
 TOLLING GANTRY  
 TO-17, TO-18, TO-20 and TO-21



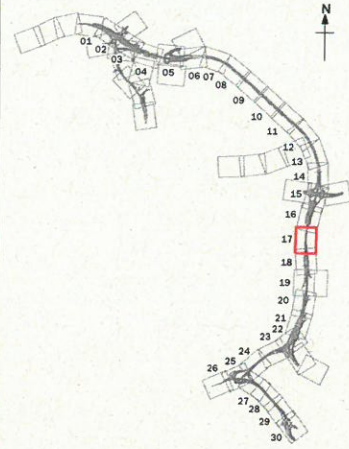
Designed By: ASD	Date: 14/07/17
Drawn By: PK	Date: 14/07/17
Checked By: GD	Date: 17/07/17
Approved By: MG	Date: 17/07/17
Owner: URS	Project No.: 47067308
Scale: 1:500@A1	1:1000@A3
<b>Status: FOR APPROVAL</b>	
Drawing No: MER-DJV-DRA-HWY-04-312053	Rev: 02





**Bridge tolls  
2 miles ahead**

	<b>FREE</b>
	<b>£2.00</b>
under 3.5t max 9 seats	
	<b>£8.00</b>
under 8t 3.5-12t	
	<b>£8.00</b>



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 NO EXCEPTIONAL RISKS RELATING TO THE WORKS SHOWN ON THIS DRAWING HAVE BEEN IDENTIFIED DURING THE DESIGN

REV.	DATE	DESCRIPTION	DR.	CHKD.	APPD.
01	01/09/17	SCALE AMENDED	LB	GD	MG
-	17/07/17	FOR APPROVAL	PK	GD	MG

**Project:** THE MERSEY GATEWAY  
**Drawing Title:** SECTION 05  
 CENTRAL EXPRESSWAY  
 TRAFFIC SIGNS  
 TO-11, TO-14 & TO-23



Designed By: ASD	Date: 14/07/17
Drawn By: PK	Date: 14/07/17
Checked By: GD	Date: 17/07/17
Approved By: MG	Date: 17/07/17
Owner: URS	Project No.: 47062594
	Scale: 1:500@A1 1:1000@A3

**Status:** FOR APPROVAL

**Drawing No.:** MER-DJV-DRA-HWY-05-312054 **Rev:** 01

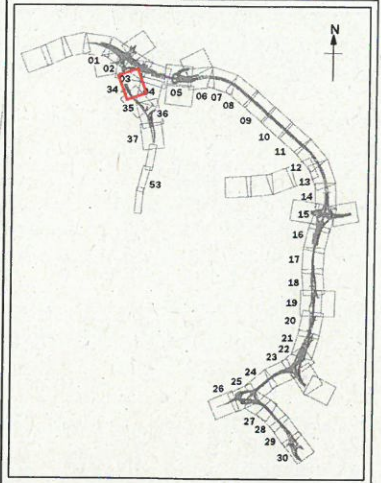
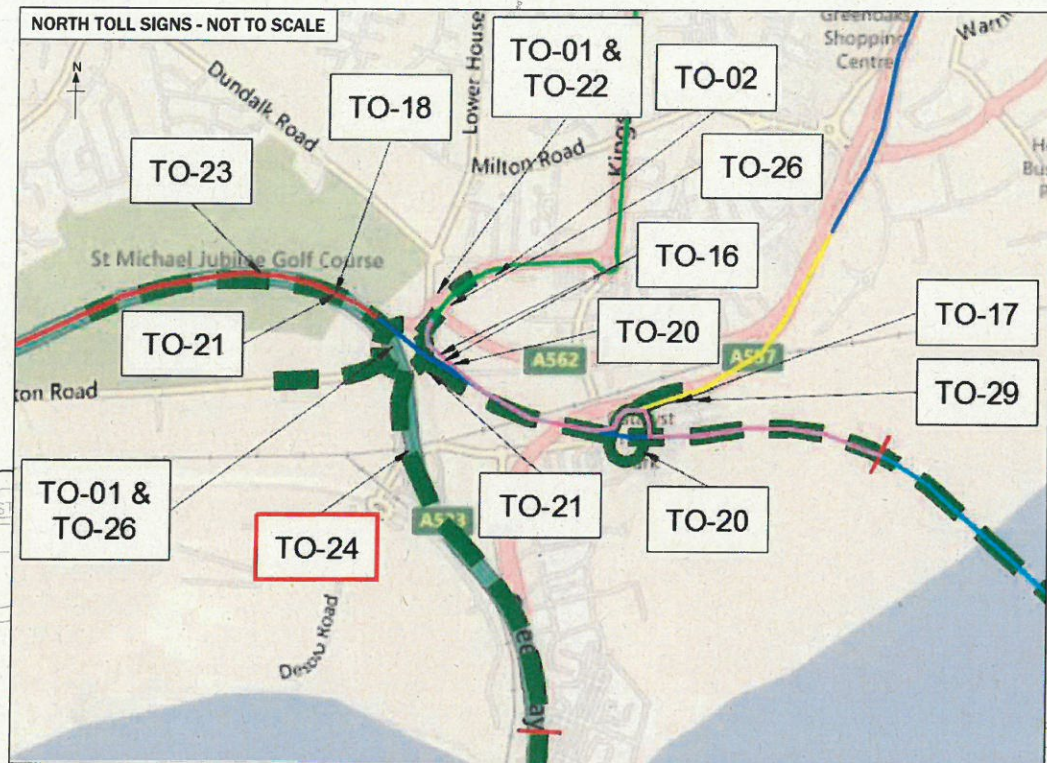
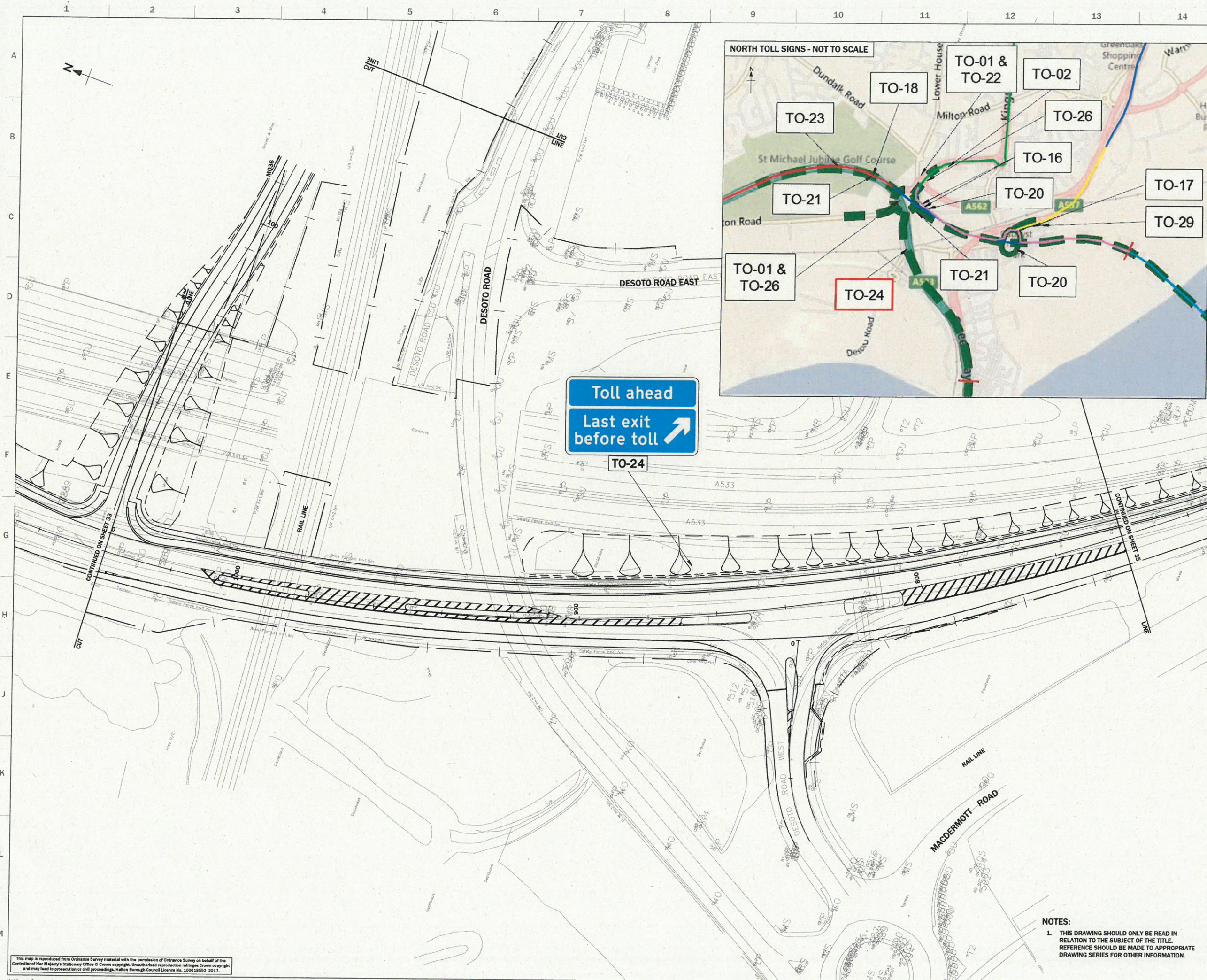
DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE STATED.

**Toll ahead**  
  
**Last exit before toll**  
 TO-23

**Bridge tolls  
2 miles ahead**  
**Pay online at  
Merseyflow by  
midnight tomorrow**  
 TO-14

**NOTES:**  
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LOCATION PLAN - Scale 1:50,000

**HEALTH AND SAFETY INFORMATION**

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**CONSTRUCTION**

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REV.	DATE	DESCRIPTION	DR.	CHKD.	APPR.
01	01/09/17	SCALE AMENDED	LB	GD	MG
-	14/07/17	ISSUED FOR APPROVAL	LB	GD	MG

Project: **THE MERSEY GATEWAY**

Drawing Title: **SECTION 09  
TOLLING SIGNS  
TO-24**



Designed By: ASD	Date: 14/07/17
Drawn By: LB	Date: 14/07/17
Checked By: GD	Date: 14/07/17
Approved By: MG	Date: 14/07/17
Owner: URS	Project No.: 47067308
	Scale: 1:500@A1 1:1000@A3

Status: **FOR APPROVAL**

Drawing No.: **MER-DJV-DRA-HWY-09-312055** Rev: **01**

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K:\Mersey Gateway Detailed Design\12 CAD\12 Traffic Signs\Tolling Signs\1 North (On-Scheme) Toll Signs\MER-DJV-DRA-HWY-09-312055\_A01  
04/09/2017 14:57:13 Cole, Robert G (Cheatfield)

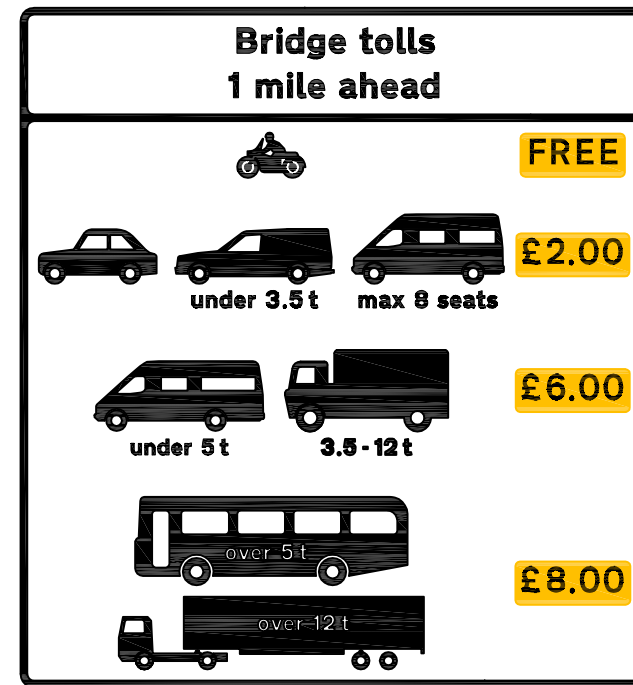
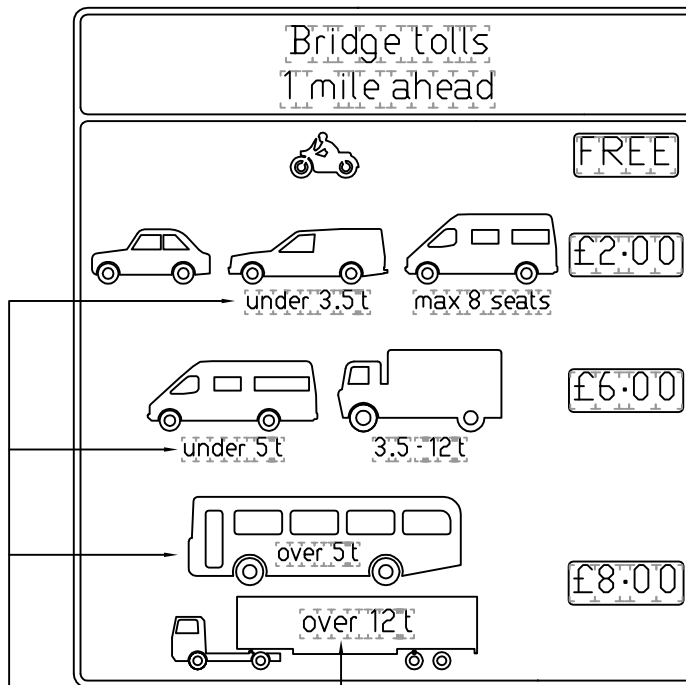






**SIGN POSITION DETAIL**

MOOR LANE SOUTH WESTBOUND CENTRAL RESERVE CH 615m.



1	FOR ISSUE.					
	ASD	14/07/17	GD	14/07/17	MG	14/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	2	DIAGRAM No.	N/A			
LEGEND	BLACK/WHITE	x HEIGHT	100mm			
BACKGROUND	WHITE	WIDTH	3460mm			
BORDER	BLACK	HEIGHT	3745mm			
MATERIAL	RA2	AREA	12.96m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			

65% MAIN x-HEIGHT  
80% MAIN x-HEIGHT

**NOTES**

- SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
- SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312031 TO 312049.
- ALL BLACK LEGEND TO BE FROM THE TRANSPORT HEAVY ALPHABET, ALL WHITE LEGEND TO BE FROM THE TRANSPORT MEDIUM ALPHABET.

Drawing Title  
**SIGN SCHEDULE TO-02  
TOLLING SIGNING  
1 MILE TARIFF SIGN  
(30mph ZONE)**

Job Title  
**THE  
MERSEY  
GATEWAY**

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URS Internal Project Number 47067308		Zone / Mileage 00		Status A	
Designed ASD	Drawn ASD	Stage 1 check GD	Stage 2 check GD	Approved MG	
Scale at A4 AS SHOWN			Originated URS	Date 14/07/17	
Drawing Number <b>MER-DJV-DRA-HWY-00-312003</b>				Rev: <b>01</b>	

Contractors		Designers	

Plot Date : 17/07/2017 11:26:33  
File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGN\SCHEDULES\TOLLING SIGN\SIA STATUS\MER-DJV-DRA-HWY-00-312003\_A1



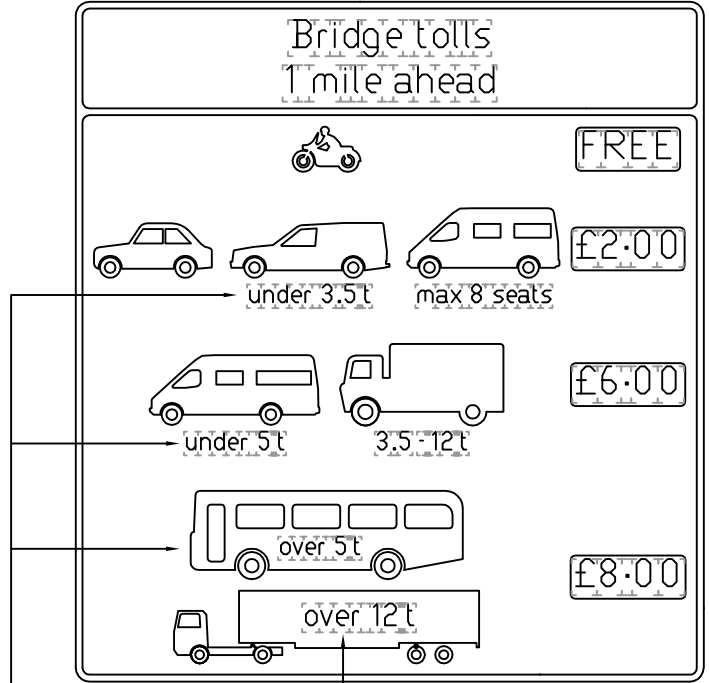
Plot Date : 17/07/2017 13:19:48  
File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGN\AS STATUS\MER-DJV-DRA-HWY-00-312004\_A2

**SIGN POSITION DETAIL**

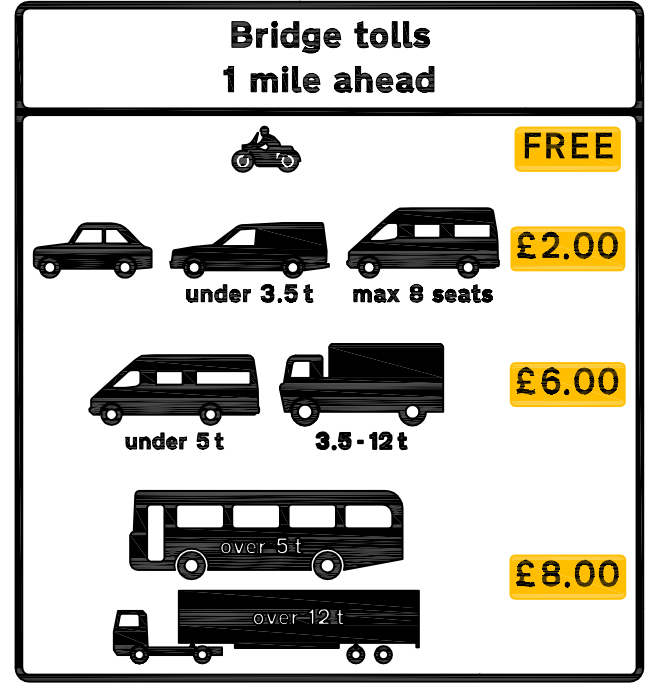
ASHLEY WAY A557 VERGE 75m NORTH OF SOUTHBOUND SPLITTER ISLAND.  
BRIDGEWATER EXPRESSWAY VERGE 15m WEST OF RUNCORN SPUR ROAD, BRIDGEWATER EXPRESSWAY EASTBOUND VERGE OS 352739, 383005.5.

2	LOCATION ADDED.					
	OR	12/07/17	GD	14/07/17	MG	14/07/17
1	FOR ISSUE.					
	OR	07/07/17	GD	07/07/17	MG	07/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					

SIGN FACE DETAILS			
No. REQUIRED	3	DIAGRAM No.	N/A
LEGEND	BLACK/WHITE	x HEIGHT	125mm
BACKGROUND	WHITE	WIDTH	4325mm
BORDER	BLACK	HEIGHT	4685mm
MATERIAL	RA2	AREA	20.25m <sup>2</sup>
POST DETAILS		FOUNDATION DETAILS	
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1



65% MAIN x-HEIGHT  
80% MAIN x-HEIGHT



**NOTES**

- SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
- SIGN LOCATIONS SHOWN ON LAYOUT PLANS MER-DJV-DRA-HWY-00-312031 TO 312039 AND 312042 TO 312048.
- ALL BLACK LEGEND TO BE FROM THE TRANSPORT HEAVY ALPHABET, ALL WHITE LEGEND TO BE FROM THE TRANSPORT MEDIUM ALPHABET.

Drawing Title	Job Title
<b>SIGN SCHEDULE TO-03 TOLLING SIGNING 1 MILE TARIFF SIGN (40mph ZONE)</b>	<b>THE MERSEY GATEWAY</b>

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URS Internal Project Number 47067308	Zone / Mileage 00	Status A
Designed ASD	Drawn ASD	Stage 1 check GD
Stage 2 check GD	Approved MG	
Scale at A4 AS SHOWN	Originated URS	Date 07/07/17
Drawing Number <b>MER-DJV-DRA-HWY-00-312004</b>	Rev. <b>02</b>	

Contractors  	Designers   

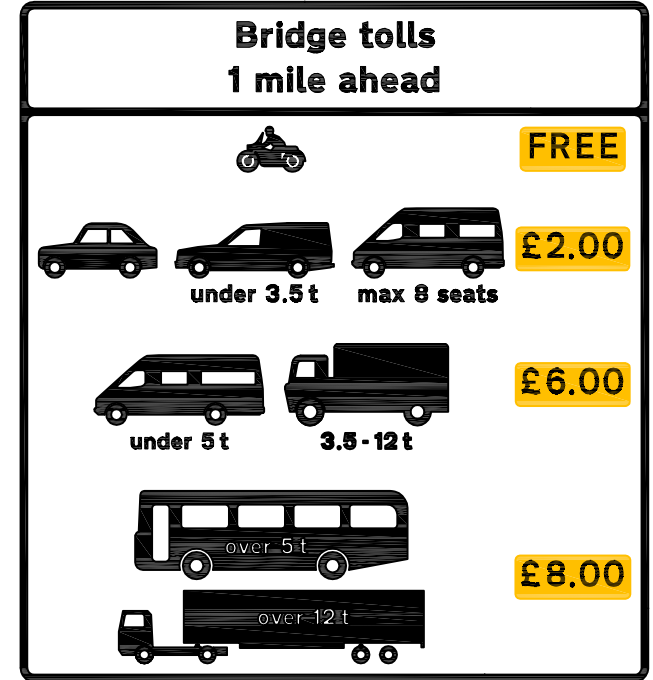
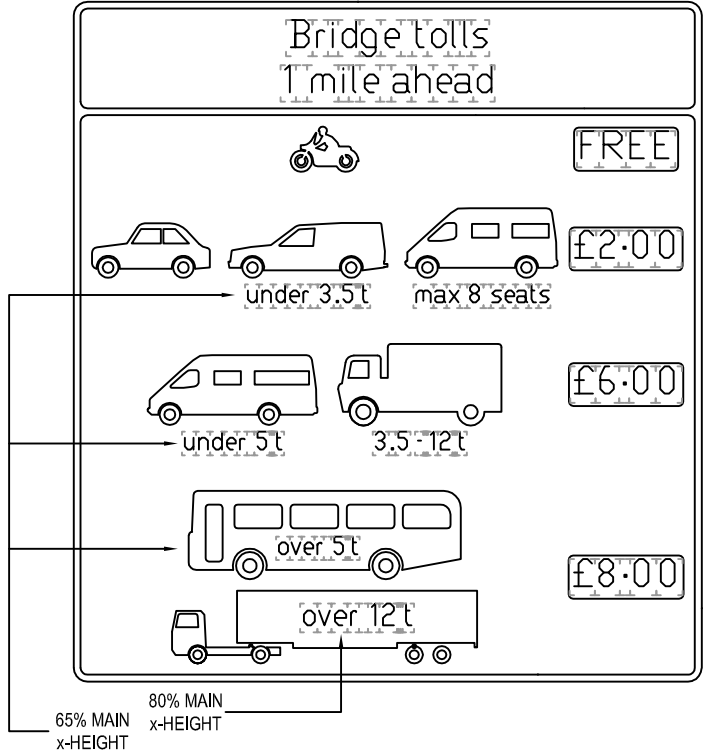


Plot Date : 17/07/2017 13:20:37  
 File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGN\AS STATUS\MER-DJV-DRA-HWY-00-312005\_A2

**SIGN POSITION DETAIL**

A562 SPEKE ROAD VERGE CHAINAGE 715m, WESTON POINT EXPRESSWAY  
 VERGE 30m EAST OF RUNCORN DOCKS ROAD UNDERBRIDGE.

2	LOCATION ADDED.					
	OR	12/07/17	GD	14/07/17	MG	14/07/17
1	FOR ISSUE.					
	OR	07/07/17	GD	07/07/17	MG	07/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	3	DIAGRAM No.	N/A			
LEGEND	BLACK/WHITE	x HEIGHT	150mm			
BACKGROUND	WHITE	WIDTH	5190mm			
BORDER	BLACK	HEIGHT	5620mm			
MATERIAL	RA2	AREA	29.16m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			



**NOTES**

- SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
- SIGN LOCATIONS SHOWN ON LAYOUT PLANS MER-DJV-DRA-HWY-00-312031 TO 312039 AND 312042 TO 312048.
- ALL BLACK LEGEND TO BE FROM THE TRANSPORT HEAVY ALPHABET, ALL WHITE LEGEND TO BE FROM THE TRANSPORT MEDIUM ALPHABET.

Drawing Title	Job Title
<b>SIGN SCHEDULE TO-04 TOLLING SIGNING 1 MILE TARIFF SIGN (60 &amp; 70mph ZONES)</b>	<b>THE MERSEY GATEWAY</b>

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URS Internal Project Number 47067308	Zone / Mileage 00	Status A
Designed ASD	Drawn ASD	Stage 1 check GD
	Stage 2 check GD	Approved MG
Scale at A4 AS SHOWN	Originated URS	Date 07/07/17
Drawing Number <b>MER-DJV-DRA-HWY-00-312005</b>	Rev. <b>02</b>	

 <b>HALTON BOROUGH COUNCIL</b>	 <b>MERSEYLINK</b>
Contractors 	Designers 

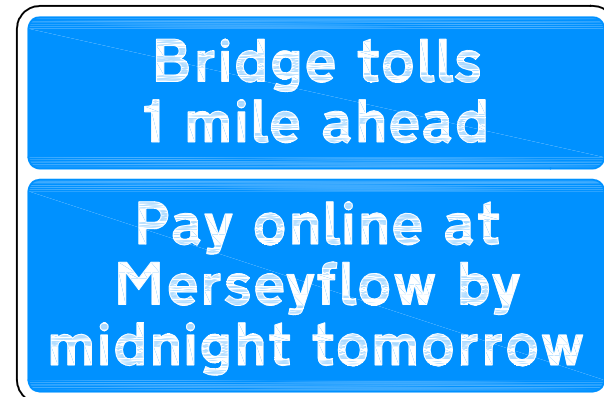


**SIGN POSITION DETAIL**

ASHLEY WAY A557 VERGE 48m NORTH OF SOUTHBOUND SPLITTER ISLAND.  
BRIDGEWATER EXPRESSWAY VERGE 35m WEST OF RUNCORN SPUR  
ROAD, BRIDGEWATER EXPRESSWAY EASTBOUND VERGE OS 352712.5,  
383004.4.

2	LOCATION ADDED.					
	OR	12/07/17	GD	14/07/17	MG	14/07/17
1	FOR ISSUE.					
	OR	07/07/17	GD	07/07/17	MG	07/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					

SIGN FACE DETAILS			
No. REQUIRED	3	DIAGRAM No.	N/A
LEGEND	WHITE	x HEIGHT	125mm
BACKGROUND	BLUE	WIDTH	2475mm
BORDER	WHITE	HEIGHT	1640mm
MATERIAL	RA2	AREA	4.06m <sup>2</sup>
POST DETAILS		FOUNDATION DETAILS	
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1












**NOTES**

1. SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
2. SIGN LOCATIONS SHOWN ON LAYOUT PLANS MER-DJV-DRA-HWY-00-312031 TO 312039 AND 312042 TO 312048.

Plot Date : 17/07/2017 13:21:20

File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGN\AS STATUS\MER-DJV-DRA-HWY-00-312007\_A2

Drawing Title  <b>SIGN SCHEDULE TO-06 TOLLING SIGNING 1 MILE PAYMENT DETAILS (40mph ZONE)</b>	Job Title  <b>THE MERSEY GATEWAY</b>	URS Internal Project Number 47067308	Zone / Mileage 00	Status A	 
		Designed ASD	Drawn ASD	Stage 1 check GD	
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		Drawing Number <b>MER-DJV-DRA-HWY-00-312007</b>	Rev. <b>02</b>		Designers   



**SIGN POSITION DETAIL**

A562 SPEKE ROAD VERGE CHAINAGE 765m. QUEENSWAY VERGE 58m  
WEST OF THE WEST COAST MAINLINE RAILWAY OVERBRIDGE.

2	LOCATION ADDED.					
	OR	12/07/17	GD	14/07/17	MG	14/07/17
1	FOR ISSUE.					
	OR	07/07/17	GD	07/07/17	MG	07/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	1	DIAGRAM No.	N/A			
LEGEND	WHITE	x HEIGHT	150mm			
BACKGROUND	BLUE	WIDTH	2970mm			
BORDER	WHITE	HEIGHT	1970mm			
MATERIAL	RA2	AREA	5.84m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			



**NOTES**

1. SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
2. SIGN LOCATIONS SHOWN ON LAYOUT PLANS MER-DJV-DRA-HWY-00-312031 TO 312039 AND 312042 TO 312048.

Drawing Title  
**SIGN SCHEDULE TO-07  
TOLLING SIGNING  
1 MILE PAYMENT DETAILS  
(60mph ZONE)**

Job Title  
**THE  
MERSEY  
GATEWAY**

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URS Internal Project Number 47067308		Zone / Mileage 00		Status A	
Designed ASD	Drawn ASD	Stage 1 check GD	Stage 2 check GD	Approved MG	
Scale at A4 AS SHOWN			Originated URS	Date 07/07/17	
Drawing Number <b>MER-DJV-DRA-HWY-00-312008</b>				Rev. <b>02</b>	

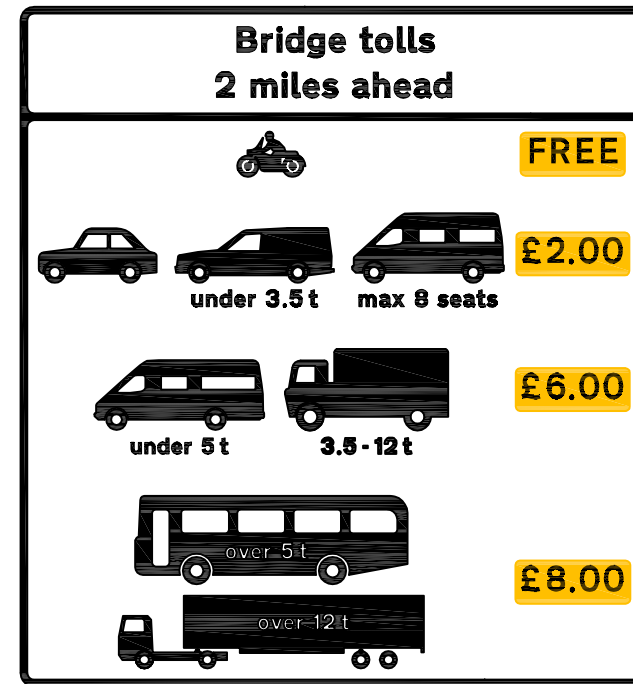
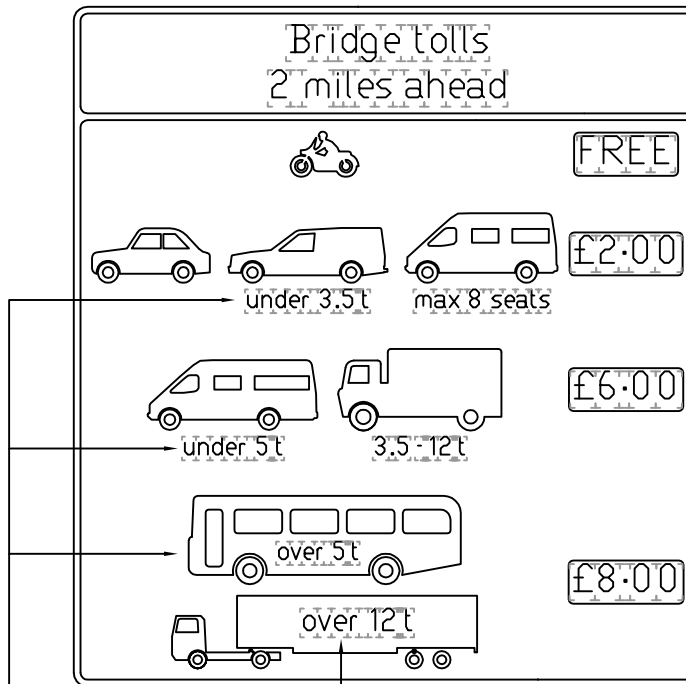
 <b>HALTON</b> BOROUGH COUNCIL		 <b>MERSEYLINK</b>	
Contractors   		Designers   	

Plot Date : 17/07/2017 13:21:58  
File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGNS\A STATUS\MER-DJV-DRA-HWY-00-312008\_A2



**SIGN POSITION DETAIL**

BRIDGEWATER EXPRESSWAY WESTBOUND VERGE OS 352638.5, 382967.2,  
DARESBUY EXPRESSWAY WESTBOUND VERGE CH 492m.



65% MAIN x-HEIGHT  
80% MAIN x-HEIGHT

**NOTES**

- SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
- SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312031 TO 312039 AND 312042 TO 312048 AND 312050 TO 312054.
- ALL BLACK LEGEND TO BE FROM THE TRANSPORT HEAVY ALPHABET,  
ALL WHITE LEGEND TO BE FROM THE TRANSPORT MEDIUM ALPHABET.

2	LOCATION ADDED.					
	OR	17/07/17	GD	17/07/17	MG	17/07/17
1	FOR ISSUE.					
	OR	12/07/17	GD	12/07/17	MG	12/07/17
Revision Details						
Rev#	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	2	DIAGRAM No.	N/A			
LEGEND	BLACK/WHITE	x HEIGHT	125mm			
BACKGROUND	WHITE	WIDTH	4325mm			
BORDER	BLACK	HEIGHT	4685mm			
MATERIAL	RA2	AREA	20.25m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			

Drawing Title  
**SIGN SCHEDULE TO-10  
TOLLING SIGNING  
2 MILE TARIFF SIGN  
(40mph ZONE)**

Job Title  
**THE  
MERSEY  
GATEWAY**

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URS Internal Project Number 47067308		Zone / Mileage 00		Status A	
Designed ASD	Drawn ASD	Stage 1 check GD	Stage 2 check GD	Approved MG	
Scale at A4 AS SHOWN			Originated URS	Date 12/07/17	
Drawing Number <b>MER-DJV-DRA-HWY-00-312011</b>				Rev. <b>02</b>	


Contractors  
Designers



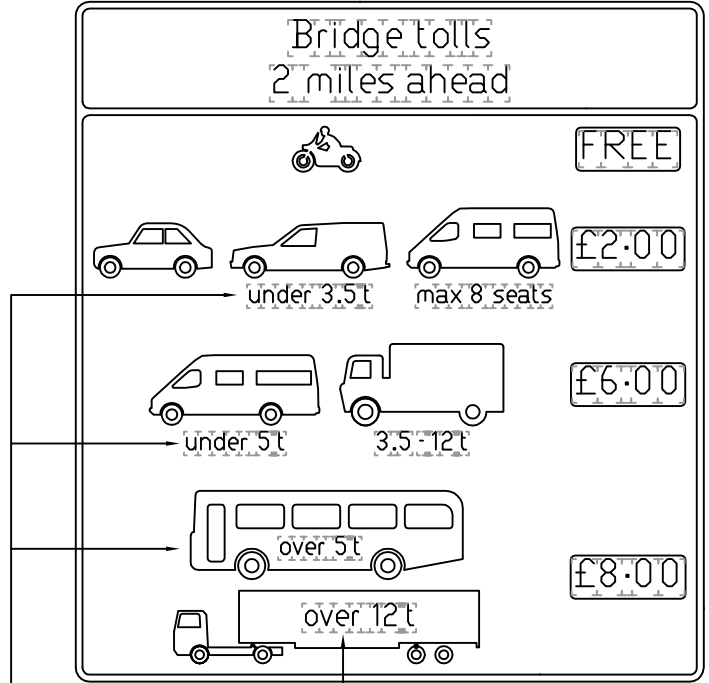
Plot Date : 17/07/2017 11:16:16 File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGN\AS STATUS\MER-DJV-DRA-HWY-00-312012\_A3

**SIGN POSITION DETAIL**

A562 SPEKE ROAD, CENTRAL RESERVE OPPOSITE END OF MERGE SLIP ROAD FOR EVERITE ROAD JUNCTION. WATKINSON WAY VERGE 28 METRES SOUTH OF THE DIVERGE SLIP ROAD BACK OF NOSING, FIDDLERS FERRY ROAD OFFSIDE VERGE OS 352708, 386014. WESTON POINT EXPRESSWAY VERGE 160m SOUTH OF BANKES LANE, MAINLINE NORTHBOUND VERGE CH 5968m.

3	FURTHER LOCATION ADDED.					
	OR	17/07/17	GD	17/07/17	MG	17/07/17
2	LOCATION ADDED.					
	OR	12/07/17	GD	14/07/17	MG	14/07/17
1	FOR ISSUE.					
	OR	07/07/17	GD	07/07/17	MG	07/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					

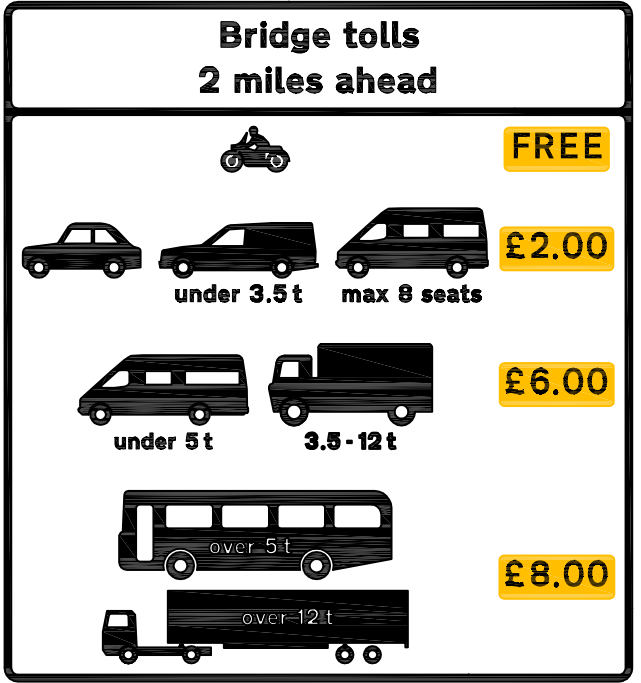
SIGN FACE DETAILS			
No. REQUIRED	5	DIAGRAM No.	N/A
LEGEND	BLACK/WHITE	x HEIGHT	150mm
BACKGROUND	WHITE	WIDTH	5190mm
BORDER	BLACK	HEIGHT	5620mm
MATERIAL	RA2	AREA	29.16m²
POST DETAILS		FOUNDATION DETAILS	
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1



65% MAIN x-HEIGHT  
80% MAIN x-HEIGHT

**NOTES**

- SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
- SIGN LOCATIONS SHOWN ON LAYOUT PLANS MER-DJV-DRA-HWY-00-312031 TO 312039 AND 312042 TO 312048 AND 312050 TO 312054.
- ALL BLACK LEGEND TO BE FROM THE TRANSPORT HEAVY ALPHABET, ALL WHITE LEGEND TO BE FROM THE TRANSPORT MEDIUM ALPHABET.



Drawing Title  
**SIGN SCHEDULE TO-11  
TOLLING SIGNING  
2 MILE TARIFF SIGN  
(60 & 70mph ZONES)**

Job Title  
**THE  
MERSEY  
GATEWAY**

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URS Internal Project Number 47067308		Zone / Mileage 00		Status A	
Designed ASD	Drawn ASD	Stage 1 check GD	Stage 2 check GD	Approved MG	
Scale at A4 AS SHOWN			Originated URS	Date 07/07/17	
Drawing Number <b>MER-DJV-DRA-HWY-00-3120112</b>				Rev. <b>03</b>	

Contractors	Designers



**SIGN POSITION DETAIL**

BRIDGEWATER EXPRESSWAY WESTBOUND VERGE OS 352573.3, 382949.7,  
DARESBURY EXPRESSWAY VERGE CH 430m.

2	LOCATION ADDED.					
	OR	17/07/17	GD	17/07/17	MG	17/07/17
1	FOR ISSUE.					
	OR	12/07/17	GD	12/07/17	MG	12/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	2	DIAGRAM No.	N/A			
LEGEND	WHITE	x HEIGHT	125mm			
BACKGROUND	BLUE	WIDTH	2475mm			
BORDER	WHITE	HEIGHT	1640mm			
MATERIAL	RA2	AREA	4.06m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			



**NOTES**

1. SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
2. SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312031 TO 312039 AND 312042 TO 312048 & 312050 TO 312054.

Drawing Title  
**SIGN SCHEDULE TO-13  
TOLLING SIGNING  
2 MILE PAYMENT DETAILS  
(40mph ZONE)**

Job Title  
**THE  
MERSEY  
GATEWAY**

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URS Internal Project Number 47067308		Zone / Mileage 00	Status A
Designed ASD	Drawn ASD	Stage 1 check GD	Stage 2 check GD
Scale at A4 AS SHOWN		Originated URS	Date 17/07/17
Drawing Number <b>MER-DJV-DRA-HWY-00-312014</b>		Rev. <b>02</b>	

 <b>HALTON BOROUGH COUNCIL</b>	 <b>MERSEYLINK</b>
Contractors 	Designers 

Plot Date : 17/07/2017 13:10:12  
File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGNS\A STATUS\MER-DJV-DRA-HWY-00-312014\_A2

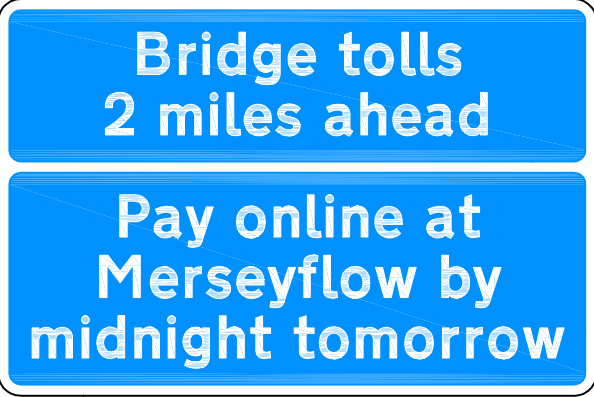


Plot Date : 17/07/2017 13:11:11  
File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGN\A STATUS\MER-DJV-DRA-HWY-00-312015\_A3

**SIGN POSITION DETAIL**

A562 SPEKE ROAD CENTRAL RESERVE 57 METRES NORTH OF HALE ROAD OVERBRIDGE, WATKINSON WAY VERGE 60 METRES SOUTH OF THE DIVERGE SLIP ROAD BACK OF NOSING, FIDDLERS FERRY ROAD OFFSIDE VERGE OS 352683, 385979. WESTON POINT EXPRESSWAY VERGE 145m NORTH OF BANKES LANE, MAINLINE NORTHBOUND VERGE CH 5892m.

3						FURTHER LOCATION ADDED.					
OR	17/07/17	GD	17/07/17	MG	17/07/17						
2						LOCATION ADDED.					
OR	12/07/17	GD	12/07/17	MG	12/07/17						
1						FOR ISSUE.					
OR	07/07/17	GD	07/07/17	MG	07/07/17						
Rev#						Revision Details					
Drawn By		Date		Checked By		Date		Approved By		Date	
A						FOR APPROVAL					
<b>SIGN FACE DETAILS</b>											
No. REQUIRED	5		DIAGRAM No.	N/A							
LEGEND	WHITE		x HEIGHT	150mm							
BACKGROUND	BLUE		WIDTH	2970mm							
BORDER	WHITE		HEIGHT	1970mm							
MATERIAL	RA2		AREA	5.84m <sup>2</sup>							
<b>POST DETAILS</b>				<b>FOUNDATION DETAILS</b>							
MOUNTING HT	SEE NOTE 1		TYPE	SEE NOTE 1							
POST No.	SEE NOTE 1		BASE WIDTH	SEE NOTE 1							
POST SIZE	SEE NOTE 1		BASE LENGTH	SEE NOTE 1							
POST LENGTH	SEE NOTE 1		BASE HEIGHT	SEE NOTE 1							
POST C/C	SEE NOTE 1		VOLUME	SEE NOTE 1							
ILLUMINATION	UNLIT		EARTH COVER	SEE NOTE 1							



**NOTES**

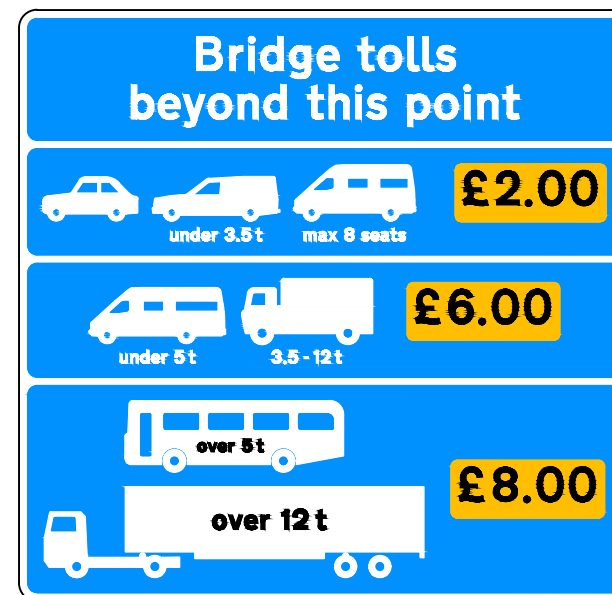
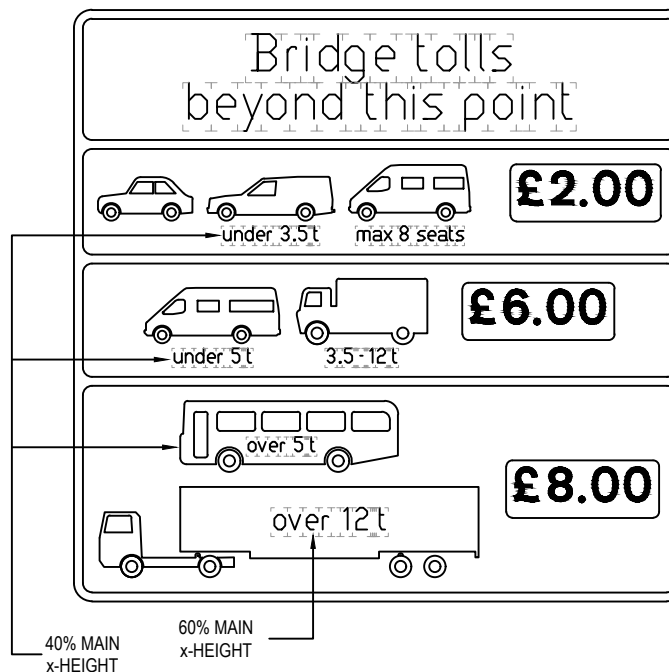
- SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
- SIGN LOCATIONS SHOWN ON LAYOUT PLANS MER-DJV-DRA-HWY-00-312031 TO 312039 AND 312042 TO 312048 AND 312050 TO 312054.

Drawing Title  <b>SIGN SCHEDULE TO-14 TOLLING SIGNING 2 MILE PAYMENT DETAILS (60mph ZONE)</b>	Job Title  <b>THE MERSEY GATEWAY</b>	URS Internal Project Number 47067308	Zone / Mileage 00	Status A	
		Designed ASD	Drawn ASD	Stage 1 check GD	
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		Drawing Number  <b>MER-DJV-DRA-HWY-00-312015</b>	Rev.  <b>03</b>		



**SIGN POSITION DETAIL**

DITTON JUNCTION SOUTHBOUND MERGE SLIP ROAD NEAR SIDE AND OFFSIDE VERGES CH 1440m.



2	HEADER LEGEND REVISED.					
	ASD	29/09/17	GD	03/10/17	MG	03/10/17
1	FOR ISSUE.					
	ASD	14/07/17	GD	14/07/17	MG	14/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					

SIGN FACE DETAILS			
No. REQUIRED	2	DIAGRAM No.	N/A
LEGEND	WHITE/BLACK	x HEIGHT	100mm
BACKGROUND	BLUE	WIDTH	2525mm
BORDER	WHITE	HEIGHT	2445mm
MATERIAL	RA2	AREA	6.17m <sup>2</sup>
POST DETAILS		FOUNDATION DETAILS	
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1

**NOTES**

- SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
- SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312031 TO 312049.
- ALL BLACK LEGEND TO BE FROM THE TRANSPORT HEAVY ALPHABET, ALL WHITE LEGEND TO BE FROM THE TRANSPORT MEDIUM ALPHABET.

Drawing Title  
**SIGN SCHEDULE TO-16  
 TOLLING SIGNING  
 START OF TOLL SIGN  
 (30mph ZONE)**

Job Title  
**THE  
 MERSEY  
 GATEWAY**

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URS Internal Project Number 47067308		Zone / Mileage 00		Status A	
Designed ASD	Drawn ASD	Stage 1 check GD	Stage 2 check GD	Approved MG	
Scale AS SHOWN			Originated URS	Date 14/07/17	
Drawing Number <b>MER-DJV-DRA-HWY-00-312017</b>				Rev: <b>02</b>	

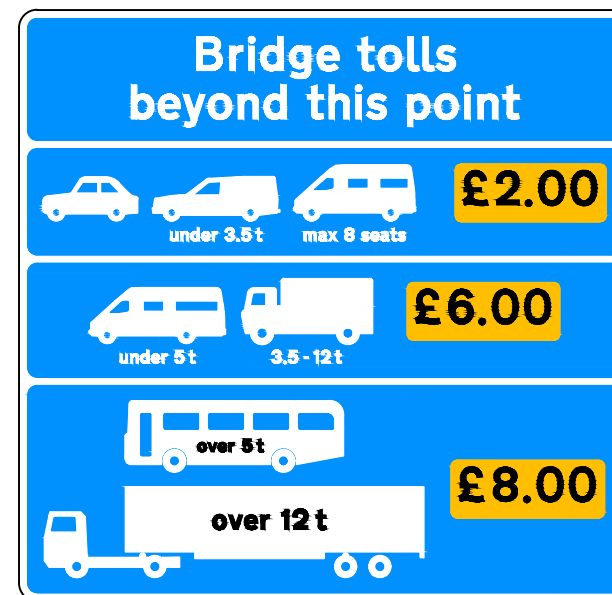
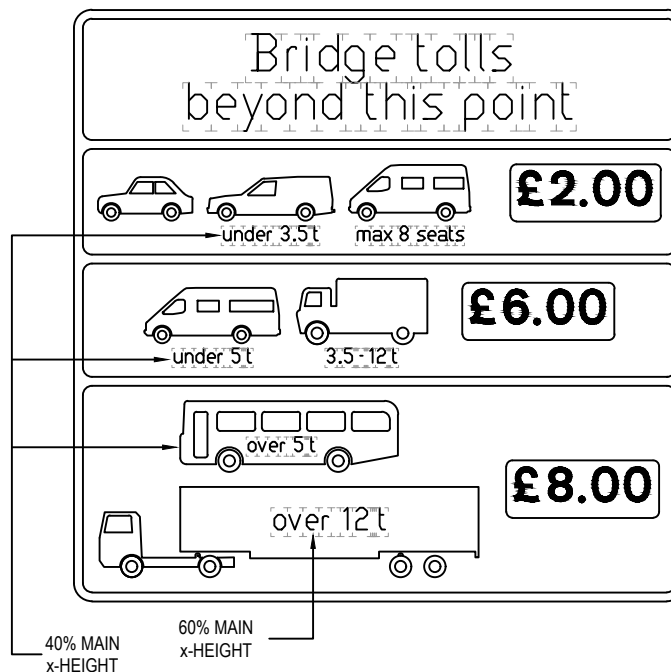
Contractors	Designers

Plot Date : 04/10/2017 09:28:21 File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULESTOLLING SIGN\SIA STATUS\MER-DJV-DRA-HWY-00-312017\_A2



**SIGN POSITION DETAIL**

WATKINSON WAY SEGREGATED LANE SPLITTER ISLAND CH 100m.  
BRIDGEWATER JUNCTION NORTHBOUND MERGE VERGE CH 5171m.



**NOTES**

- SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
- SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312033 TO 312049 & 312050 TO 312054.
- ALL BLACK LEGEND TO BE FROM THE TRANSPORT HEAVY ALPHABET, ALL WHITE LEGEND TO BE FROM THE TRANSPORT MEDIUM ALPHABET.

3	HEADER LEGEND REVISED.					
	ASD	29/09/17	GD	03/10/17	MG	03/10/17
2	LOCATION ADDED.					
	OR	17/07/17	GD	17/07/17	MG	17/07/17
1	FOR ISSUE.					
	ADS	14/07/17	GD	14/07/17	MG	14/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					

SIGN FACE DETAILS			
No. REQUIRED	2	DIAGRAM No.	N/A
LEGEND	WHITE/BLACK	x HEIGHT	125mm
BACKGROUND	BLUE	WIDTH	3155mm
BORDER	WHITE	HEIGHT	3055mm
MATERIAL	RA2	AREA	9.65m <sup>2</sup>
POST DETAILS		FOUNDATION DETAILS	
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1

Drawing Title  
**SIGN SCHEDULE TO-17  
TOLLING SIGNING  
START OF TOLL SIGN  
(40mph ZONE)**

Job Title  
**THE  
MERSEY  
GATEWAY**

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URS Internal Project Number 47067308		Zone / Mileage 00		Status A	
Designed ASD	Drawn ASD	Stage 1 check GD	Stage 2 check GD	Approved MG	
Scale AS SHOWN			Originated URS	Date 17/07/17	
Drawing Number <b>MER-DJV-DRA-HWY-00-312018</b>				Rev: <b>03</b>	

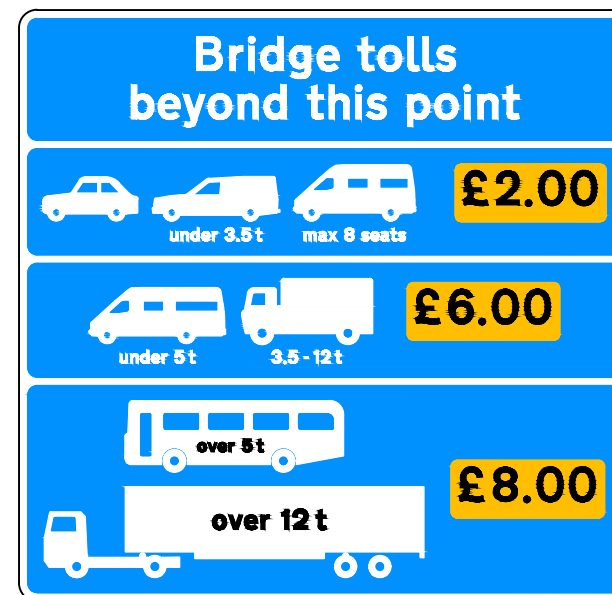
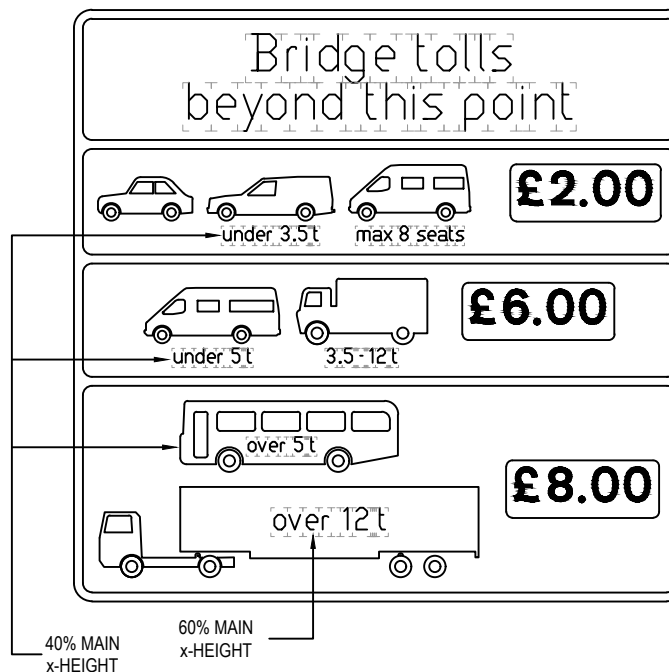
Contractors		Designers	

Plot Date : 04/10/2017 09:30:22  
File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULE TOLLING SIGN\SIGN STATUS\MER-DJV-DRA-HWY-00-312018\_A3



**SIGN POSITION DETAIL**

MAINLINE SOUTHBOUND VERGE CH 1180m, MAINLINE NORTHBOUND VERGE CH 5378m.



3	HEADER LEGEND REVISED.					
	ASD	29/09/17	GD	03/10/17	MG	03/10/17
2	LOCATION ADDED.					
	OR	17/07/17	GD	17/07/17	MG	17/07/17
1	FOR ISSUE.					
	ASD	14/07/17	GD	14/07/17	MG	14/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					

SIGN FACE DETAILS			
No. REQUIRED	2	DIAGRAM No.	N/A
LEGEND	WHITE/BLACK	x HEIGHT	150mm
BACKGROUND	BLUE	WIDTH	3790mm
BORDER	WHITE	HEIGHT	3665mm
MATERIAL	RA2	AREA	13.89m <sup>2</sup>
POST DETAILS		FOUNDATION DETAILS	
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1

**NOTES**

- SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
- SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312033 TO 312049 & 312050 TO 312054.
- ALL BLACK LEGEND TO BE FROM THE TRANSPORT HEAVY ALPHABET, ALL WHITE LEGEND TO BE FROM THE TRANSPORT MEDIUM ALPHABET.

Drawing Title  
**SIGN SCHEDULE TO-18  
 TOLLING SIGNING  
 START OF TOLL SIGN  
 (60mph ZONE)**

Job Title  
**THE  
 MERSEY  
 GATEWAY**

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URS Internal Project Number 47067308		Zone / Mileage 00		Status A	
Designed ASD	Drawn ASD	Stage 1 check GD	Stage 2 check GD	Approved MG	
Scale AS SHOWN			Originated URS	Date 17/07/17	
Drawing Number <b>MER-DJV-DRA-HWY-00-312019</b>				Rev: <b>03</b>	

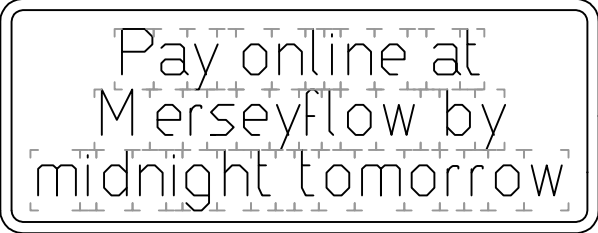
Contractors  	
Designers 	

Plot Date : 04/10/2017 09:32:28 File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULESTOLLING SIGN\AS STATUS\MER-DJV-DRA-HWY-00-312019\_A3



**SIGN POSITION DETAIL**

WATERLOO ROAD NEAR SIDE VERGE 29m NORTH OF CONSTANCE WAY.  
GREENWAY ROAD 25m WEST OF ACCESS ROAD.



2	LOCATION ADDED.					
	OR	12/07/17	GD	14/07/17	MG	14/07/17
1	FOR ISSUE.					
	OR	07/07/17	GD	07/07/17	MG	07/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	5	DIAGRAM No.	N/A			
LEGEND	WHITE	x HEIGHT	100mm			
BACKGROUND	BLUE	WIDTH	1980mm			
BORDER	WHITE	HEIGHT	775mm			
MATERIAL	RA2	AREA	1.53m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			

**NOTES**

- SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
- SIGN LOCATIONS SHOWN ON LAYOUT PLANS MER-DJV-DRA-HWY-00-312031 TO 312039 AND 312042 TO 312048.

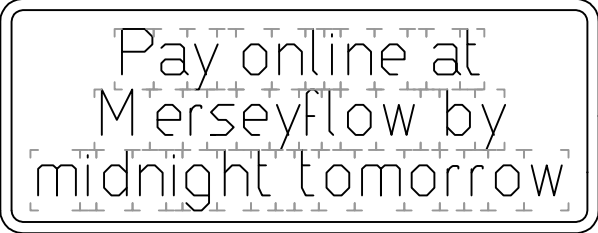
<p><b>SIGN SCHEDULE TO-19 TOLLING SIGNING PAYMENT DETAILS (30mph ZONE)</b></p>	<p><b>Job Title</b></p> <p><b>THE MERSEY GATEWAY</b></p>	URS Internal Project Number 47067308	Zone / Mileage 00	Status A		
		Designed ASD	Drawn ASD	Stage 1 check GD		Stage 2 check GD
<p><small>This document has been prepared in accordance with the scope of URS' appointment with its client and is subject to the terms of that appointment. URS accepts no liability for any use of this document other than by its client and only for the purposes for which it was prepared and provided. Only written dimensions shall be used. © URS Infrastructure &amp; Environment UK Limited 2017</small></p>		<p>Scale at A4 AS SHOWN</p>		<p>Originated URS</p>	<p>Date 07/07/17</p>	
		<p>Drawing Number</p> <p><b>MER-DJV-DRA-HWY-00-312020</b></p>		<p>Rev:</p> <p><b>02</b></p>		

Plot Date : 17/07/2017 13:22:45  
 File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGN\SIA STATUS\MER-DJV-DRA-HWY-00-312020\_A2



**SIGN POSITION DETAIL**

WIDNES LOOPS NORTHBOUND DIVERGE NEARSIDE VERGE CH 2158m.  
 DITTON JUNCTION SOUTHBOUND MERGE OFFSIDE VERGE CH 1495m,  
 BRIDGEWATER JUNCTION EASTERN DUMBELL CH 34m.



2	LOCATION ADDED.					
	OR	17/07/17	GD	17/07/17	MG	17/07/17
1	FOR ISSUE.					
	ADS	14/07/17	GD	14/07/17	MG	14/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
	A	FOR APPROVAL				
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	2	DIAGRAM No.	N/A			
LEGEND	WHITE	x HEIGHT	125mm			
BACKGROUND	BLUE	WIDTH	2475mm			
BORDER	WHITE	HEIGHT	970mm			
MATERIAL	RA2	AREA	2.40m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			

**NOTES**

- SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
- SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312033 TO 312049 & 312050 TO 312054.

Drawing Title  
**SIGN SCHEDULE TO-20  
 TOLLING SIGNING  
 PAYMENT DETAILS  
 (40mph ZONE)**

Job Title  
**THE  
 MERSEY  
 GATEWAY**

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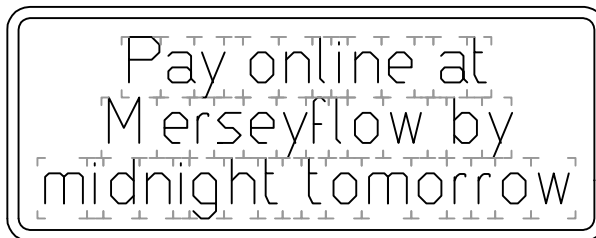
URS Internal Project Number 47067308		Zone / Mileage 00	Status A
Designed ASD	Drawn ASD	Stage 1 check GD	Stage 2 check GD
Scale at A4 AS SHOWN		Originated URS	Date 17/0717
Drawing Number <b>MER-DJV-DRA-HWY-00-312021</b>			Rev. <b>02</b>

 <b>HALTON BOROUGH COUNCIL</b>	 <b>MERSEYLINK</b>
Contractors 	Designers 



**SIGN POSITION DETAIL**










MAINLINE NORTHBOUND VERGE CH 1160m, DITTON JUNCTION  
 NORTHBOUND DIVERGE NEARSIDE VERGE CH 1485m, MAINLINE  
 SOUTHBOUND VERGE CH 5355m.



2	LOCATION ADDED.					
	OR	17/07/17	GD	17/07/17	MG	17/07/17
1	FOR ISSUE.					
	ASD	14/07/17	GD	14/07/17	MG	14/07/17
Revision Details						
Rev#	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
SIGN FACE DETAILS						
No. REQUIRED	2	DIAGRAM No.	N/A			
LEGEND	WHITE	x HEIGHT	150mm			
BACKGROUND	BLUE	WIDTH	2970mm			
BORDER	WHITE	HEIGHT	1165mm			
MATERIAL	RA2	AREA	3.45m <sup>2</sup>			
POST DETAILS			FOUNDATION DETAILS			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			

**NOTES**

- SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
- SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312033 TO 312049 & 312050 TO 312054.

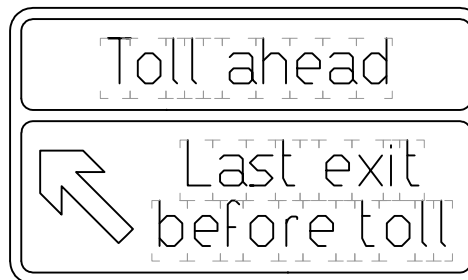
Drawing Title  <b>SIGN SCHEDULE TO-21                  TOLLING SIGNING                  PAYMENT DETAILS                  (60mph ZONE)</b>	Job Title  <b>THE                  MERSEY                  GATEWAY</b>	URS Internal Project Number 47067308	Zone / Mileage 00	Status A	 	
		Designed ASD	Drawn ASD	Stage 1 check GD		Stage 2 check GD
Scale at A4 AS SHOWN		Originated URS	Date 17/07/17			Contractors    
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Plot Date : 17/07/2017 13:15:11  
 File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGN\A STATUS\MER-DJV-DRA-HWY-00-312022\_A2



**SIGN POSITION DETAIL**

LOWER HOUSE LANE WEST VERGE 40m SOUTH OF WORKS ACCESS.



1	FOR ISSUE.					
	ASD	14/07/17	GD	14/07/17	MG	14/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	1	DIAGRAM No.	N/A			
LEGEND	WHITE	x HEIGHT	100mm			
BACKGROUND	BLUE	WIDTH	1560mm			
BORDER	WHITE	HEIGHT	915mm			
MATERIAL	RA2	AREA	1.43m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			

**NOTES**

1. SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
2. SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312031 TO 312049.

Drawing Title  <b>SIGN SCHEDULE TO-22 TOLLING SIGNING LAST EXIT BEFORE TOLL - LEFT (30mph ZONE)</b>	Job Title  <b>THE MERSEY GATEWAY</b>	URS Internal Project Number 47067308	Zone / Mileage 00	Status A	
		Designed ASD	Drawn ASD	Stage 1 check GD	
		Scale at A4 AS SHOWN	Originated URS	Date 14/07/17	
		Drawing Number <b>MER-DJV-DRA-HWY-00-312023</b>		Rev: <b>01</b>	
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Plot Date : 17/07/2017 11:34:52  
 File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGN\A STATUS\MER-DJV-DRA-HWY-00-312023\_A1

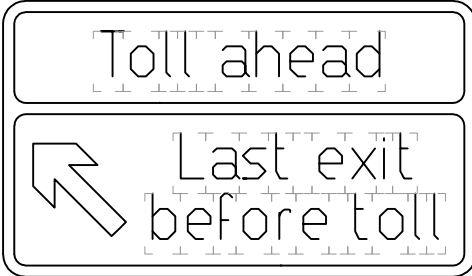


Plot Date : 17/07/2017 13:16:19  
File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGN\A STATUS\MER-DJV-DRA-HWY-00-312024\_A2

**SIGN POSITION DETAIL**

MAINLINE SOUTHBOUND VERGE CH 850m, MAINLINE NORTHBOUND VERGE CH 5740m.

2	LOCATION ADDED.					
	OR	17/07/17	GD	17/07/17	MG	17/07/17
1	FOR ISSUE.					
	ADS	14/07/17	GD	14/07/17	MG	14/07/17
Revision Details						
Rev#	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	2	DIAGRAM No.	N/A			
LEGEND	WHITE	x HEIGHT	150mm			
BACKGROUND	BLUE	WIDTH	2345mm			
BORDER	WHITE	HEIGHT	1370mm			
MATERIAL	RA2	AREA	3.21m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			



**NOTES**

1. SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
2. SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312033 TO 312049 & 312050 TO 312054.

Drawing Title

**SIGN SCHEDULE TO-23  
TOLLING SIGNING  
LAST EXIT BEFORE TOLL - LEFT  
(60mph ZONE)**

Job Title

**THE  
MERSEY  
GATEWAY**

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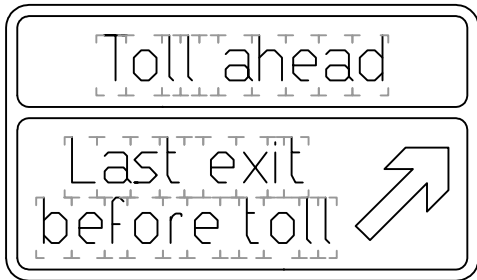
URS Internal Project Number 47067308		Zone / Mileage 00	Status A
Designed ASD	Drawn ASD	Stage 1 check GD	Stage 2 check GD Approved MG
Scale at A4 AS SHOWN		Originated URS	Date 17/07/17
Drawing Number <b>MER-DJV-DRA-HWY-00-312024</b>		Rev. <b>02</b>	

 <b>HALTON BOROUGH COUNCIL</b>	 <b>MERSEYLINK</b>
Contractors 	Designers 



**SIGN POSITION DETAIL**

WATERLOO ROAD NEAR SIDE VERGE 37m SOUTH OF UPPER MERSEY ROAD.  
 QUEENSWAY SOUTHBOUND VERGE CH 866m.



1	FOR ISSUE.					
	OR	07/07/17	GD	07/07/17	MG	07/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	1	DIAGRAM No.	N/A			
LEGEND	WHITE	x HEIGHT	100mm			
BACKGROUND	BLUE	WIDTH	1560mm			
BORDER	WHITE	HEIGHT	915mm			
MATERIAL	RA2	AREA	1.43m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			

**NOTES**

1. SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
2. SIGN LOCATIONS SHOWN ON LAYOUT PLANS MER-DJV-DRA-HWY-00-312031 TO 312039.

Drawing Title  
**SIGN SCHEDULE TO-24  
 TOLLING SIGNING  
 LAST EXIT BEFORE TOLL - RIGHT  
 (30mph ZONE)**

Job Title  
**THE  
 MERSEY  
 GATEWAY**

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URS Internal Project Number 47067308		Zone / Mileage 00		Status A	
Designed ASD	Drawn ASD	Stage 1 check GD	Stage 2 check GD	Approved MG	
Scale at A4 AS SHOWN		Originated URS	Date 07/07/17		
Drawing Number <b>MER-DJV-DRA-HWY-00-312025</b>				Rev: <b>01</b>	

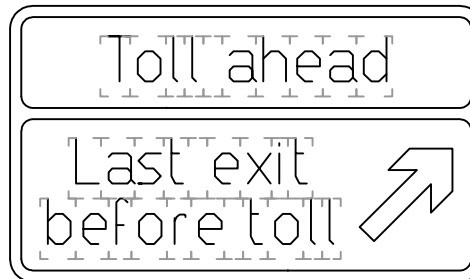
 <b>HALTON</b> BOROUGH COUNCIL		 <b>MERSEYLINK</b>			
  		 <b>flint neill URS</b> <small>a CH2M hill company</small>			
		 <b>FHECOR</b>		 <b>episa</b> <small>Ingenieros Consultores</small>	

Plot Date : 17/07/2017 14:55:50  
 File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGNS\A STATUS\MER-DJV-DRA-HWY-00-312025\_A1



**SIGN POSITION DETAIL**

HALTON BROW TO BRIDGEWATER NORTHERN LINK NEARSIDE VERGE CH  
5418m.



1	FOR ISSUE.					
	OR	17/07/17	GD	17/07/17	MG	17/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	1	DIAGRAM No.	N/A			
LEGEND	WHITE	x HEIGHT	125mm			
BACKGROUND	BLUE	WIDTH	1955mm			
BORDER	WHITE	HEIGHT	1140mm			
MATERIAL	RA2	AREA	2.23m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			

**NOTES**

1. SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
2. SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312050 TO 312054.

Drawing Title  <b>SIGN SCHEDULE TO-25 TOLLING SIGNING LAST EXIT BEFORE TOLL - RIGHT (40mph ZONE)</b>	Job Title  <b>THE MERSEY GATEWAY</b>	URS Internal Project Number 47067308	Zone / Mileage 00	Status A	
		Designed ASD	Drawn ASD	Stage 1 check GD	
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		Drawing Number <b>MER-DJV-DRA-HWY-00-312026</b>		Rev: <b>01</b>	Contractors 
					Designers 

Plot Date : 17/07/2017 10:43:59  
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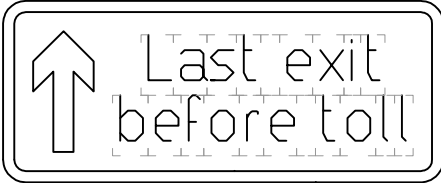


Plot Date : 17/07/2017 13:17:14  
File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGN\A STATUS\MER-DJV-DRA-HWY-00-312027\_A2

**SIGN POSITION DETAIL**







GREENWAY ROAD AND QUEENSWAY SPLITTER ISLAND. TWO SIGNS BACK TO BACK, DITTON ROAD NORTHBOUND CENTRAL RESERVE CH 321m. MOOR LANE SOUTH, SOUTH VERGE CH 563m.

2	LOCATION ADDED.					
	ASD	14/07/17	GD	14/07/17	MG	14/07/17
1	FOR ISSUE.					
	OR	12/07/17	GD	12/07/17	MG	12/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	4	DIAGRAM No.	N/A			
LEGEND	WHITE	x HEIGHT	100mm			
BACKGROUND	BLUE	WIDTH	1455mm			
BORDER	WHITE	HEIGHT	600mm			
MATERIAL	RA2	AREA	0.87m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			



**NOTES**

1. SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
2. SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312031 TO 312039 AND 312042 TO 312048.

Drawing Title  <b>SIGN SCHEDULE TO-26 TOLLING SIGNING LAST EXIT BEFORE TOLL - AHEAD (30mph ZONE)</b>	Job Title  <b>THE MERSEY GATEWAY</b>	URS Internal Project Number 47067308	Zone / Mileage 00	Status A	 
		Designed ASD	Drawn ASD	Stage 1 check GD	
		Scale at A4 AS SHOWN	Originated URS	Date 12/07/17	Contractors     
		Drawing Number  <b>MER-DJV-DRA-HWY-00-312027</b>		Rev:  <b>02</b>	
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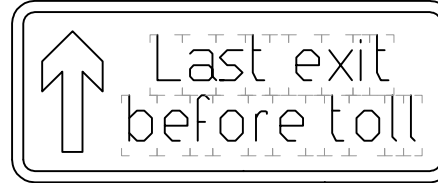


Plot Date : 17/07/2017 13:17:57  
File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGN\SCHEDULES\TOLLING SIGN\A STATUS\MER-DJV-DRA-HWY-00-312028\_A2

**SIGN POSITION DETAIL**







BRIDGEWATER EXPRESSWAY 26m WEST OF SIGN GANTRY, BRIDGEWATER EXPRESSWAY VERGE CH 338m.

2	LOCATION ADDED.					
	OR	17/07/17	GD	17/07/17	MG	17/07/17
1	FOR ISSUE.					
	OR	12/07/17	GD	12/07/17	MG	12/07/17
Rev#	Revision Details					
	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	2	DIAGRAM No.	N/A			
LEGEND	WHITE	x HEIGHT	125mm			
BACKGROUND	BLUE	WIDTH	1820mm			
BORDER	WHITE	HEIGHT	750mm			
MATERIAL	RA2	AREA	1.36m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			



**NOTES**

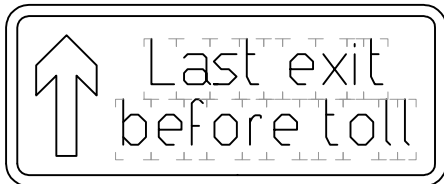
1. SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
2. SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312031 TO 312039 AND 312042 TO 312048 & 312050 TO 312054.

Drawing Title  <b>SIGN SCHEDULE TO-27 TOLLING SIGNING LAST EXIT BEFORE TOLL - AHEAD (40mph ZONE)</b>	Job Title  <b>THE MERSEY GATEWAY</b>	URS Internal Project Number 47067308	Zone / Mileage 00	Status A	 
		Designed ASD	Drawn ASD	Stage 1 check GD	
		Scale at A4 AS SHOWN	Originated URS	Date 17/07/17	Contractors     
		Drawing Number <b>MER-DJV-DRA-HWY-00-312028</b>		Rev: <b>02</b>	
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**SIGN POSITION DETAIL**

WESTON POINT EXPRESSWAY VERGE 70m EAST OF RUNCORN DOCKS ROAD UNDERBRIDGE.



1				FOR ISSUE.			
OR	12/07/17	GD	14/07/17	MG	14/07/17		
Revision Details							
Rev#	Drawn By	Date	Checked By	Date	Approved By	Date	
A	FOR APPROVAL						
SIGN FACE DETAILS							
No. REQUIRED	1	DIAGRAM No.	N/A				
LEGEND	WHITE	x HEIGHT	150mm				
BACKGROUND	BLUE	WIDTH	2185mm				
BORDER	WHITE	HEIGHT	900mm				
MATERIAL	RA2	AREA	1.97m <sup>2</sup>				
POST DETAILS				FOUNDATION DETAILS			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1				
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1				
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1				
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1				
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1				
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1				

**NOTES**

1. SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
2. SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312031 TO 312039 AND 312042 TO 312048.

Drawing Title  
**SIGN SCHEDULE TO-28  
 TOLLING SIGNING  
 LAST EXIT BEFORE TOLL - AHEAD  
 (60mph ZONE)**

Job Title  
**THE  
 MERSEY  
 GATEWAY**

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URS Internal Project Number 47067308		Zone / Mileage 00	Status A
Designed ASD	Drawn ASD	Stage 1 check GD	Stage 2 check GD
Scale at A4 AS SHOWN		Originated URS	Date 12/07/17
Drawing Number <b>MER-DJV-DRA-HWY-00-312029</b>		Rev. <b>01</b>	

 <b>HALTON</b> BOROUGH COUNCIL		 <b>MERSEYLINK</b>	
  		 <b>flint neill URS</b> <small>a joint venture</small>	
		 <b>FHECOR</b> <small>Ingenieros Consultores</small>	
		 <b>episa</b>	

Plot Date : 17/07/2017 11:37:55  
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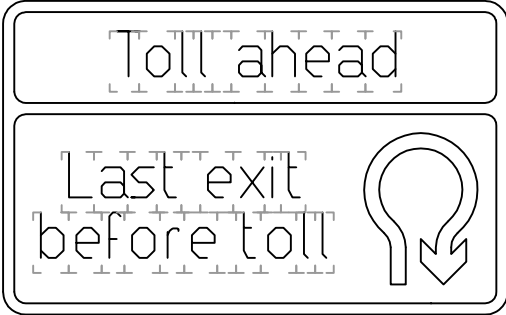


Plot Date : 17/07/2017 14:53:20  
File Name : K:\MERSEY GATEWAY DETAILED DESIGN\12 CAD\12 TRAFFIC SIGNS\SCHEDULES\TOLLING SIGN\A STATUS\MER-DJV-DRA-HWY-00-312030\_A2

**SIGN POSITION DETAIL**



WATKINSON WAY NORTHBOUND VERGE 10m EAST OF ALFORDE STREET  
SUBWAY, DARESBUY EXPRESSWAY WESTBOUND VERGE CH 280m.

2	LOCATION ADDED.					
	OR	17/07/17	GD	17/07/17	MG	17/07/17
1	FOR ISSUE.					
	ADS	14/07/17	GD	14/07/17	MG	14/07/17
Revision Details						
Rev#	Drawn By	Date	Checked By	Date	Approved By	Date
A	FOR APPROVAL					
<b>SIGN FACE DETAILS</b>						
No. REQUIRED	2	DIAGRAM No.	N/A			
LEGEND	WHITE	x HEIGHT	125mm			
BACKGROUND	BLUE	WIDTH	2085mm			
BORDER	WHITE	HEIGHT	1295mm			
MATERIAL	RA2	AREA	2.70m <sup>2</sup>			
<b>POST DETAILS</b>			<b>FOUNDATION DETAILS</b>			
MOUNTING HT	SEE NOTE 1	TYPE	SEE NOTE 1			
POST No.	SEE NOTE 1	BASE WIDTH	SEE NOTE 1			
POST SIZE	SEE NOTE 1	BASE LENGTH	SEE NOTE 1			
POST LENGTH	SEE NOTE 1	BASE HEIGHT	SEE NOTE 1			
POST C/C	SEE NOTE 1	VOLUME	SEE NOTE 1			
ILLUMINATION	UNLIT	EARTH COVER	SEE NOTE 1			



**NOTES**

- SEE SPECIFICATION APPENDIX 12/1 (SCHEDULE MER-DJV-SCH-HWY-00-312210) FOR POST & BASE DETAILS.
- SIGN LOCATIONS SHOWN ON LAYOUT PLAN MER-DJV-DRA-HWY-00-312033 TO 312049 & 312050 TO 312054.

<p><b>Drawing Title</b></p> <p><b>SIGN SCHEDULE TO-29 TOLLING SIGNING LAST EXIT BEFORE TOLL - U TURN (40mph ZONE)</b></p>	<p><b>Job Title</b></p> <p><b>THE MERSEY GATEWAY</b></p>	URS Internal Project Number 47067308	Zone / Mileage 00	Status A	
		Designed ASD	Drawn ASD	Stage 1 check GD	
		Scale at A4 AS SHOWN	Originated URS	Date 17/07/17	
		<p><b>Drawing Number</b></p> <p><b>MER-DJV-DRA-HWY-00-312030</b></p>		<p><b>Rev.</b></p> <p><b>02</b></p>	
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