TIA Appendix 3 Maps



6.1 Proposed Scheme Extents







	N3 N1 Dublin e M50-N31
	Legend : Section 1 R137 Tallaght Road, R137 Templeogue Road to R114 Rathfarnham Road Section 2 R821 Nutgrove Avenue to R137 Terenure Road North - Grange Road, Rathfarnham Road Section 3 R137 Terenure Road North to Charleville Road - R114 Terenure Road East, Rathgar Road Section 4 Charleville Road to R137 Dame Street
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Approved DK	Drawing Title Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme Figure 6.1 Proposed Scheme Extents
•	Drawing File Name Sheet Number Status Rev

6.2a Corridor Sections







teree	Bluebell Crumlin Harolds Cross Walkinstown Rathgar Clo Greenhills Kimmage Milltow B allymount 2 Rathfarnham Windy A Templeogue Church II N81 Tallagh Dun ght-N81 Ballyboden Fir house Knocklyon 12 Edmondstown Ballintee
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\sim	Legend :
	Templeogue / Rathfarnham to City Centre Core Bus
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Approved	Figure 6.2a Corridor Sections
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S S ARathgar Pk	Bluebell Crumlin Harolds Cross Walkinstown Greenhills Ballymount Ballymount Templeogue Church Milltow Church Millow Church
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Approved	Figure 6.2a Corridor Sections
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6.2b Corridor Sections







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Approved	Figure 6.2b Corridor Sections	243 0011401 3011	21110
DK	Rathfarnham to City Centre Drawing File Name Shee	e t Number Status	Rev
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6.2c Corridor Sections







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1	Ringsend
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1	bell Crumlin Harolds Ballsbridge
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:110	Rathgar
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Wind	Templeogue / Rathfarnham to City Centre Core Bus
	Corridor Scheme
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L	R137 Terenure Road North to Charleville Road - R114 Terenure Road East, Rathgar Road
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Approved DK	Corridor Sections Templeogue to City Centre
	Drawing File Name Sheet Number Status Rev BCIDE-JAC-ENV_TT-1012_XX_00-DR-GG-0104 1 of 1 A M01

6.2d Corridor Sections







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Approved	Figure 6.2d Corridor Sections
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6.3a Baseline Pedestrian Facilities







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allyroar	Note 1: Facilities contained within the Templeogue / Rathfarnham
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5	CORE BUS CORRIDORS INFRASTRUCTURE WORKS
, TrA	Drawing Title Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme
Approved	Figure 6.3a Baseline Pedestrian Facilities
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w-	ese Bluebell Crumlin Harolds Cross
Rathgar Pk	Walkinstown Greenhills 10 Ballymount 10 Ballymount 10 Rathfarnham Templeogue Church 11 N81 Tallaght
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τια	CORE BUS CORRIDORS INFRASTRUCTURE WORKS Drawing Title Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme Figure 6.3a
Approved DK	Baseline Pedestrian Facilities Templeogue to City Centre Drawing File Name Sheet Number Status Rev
	BCIDE-IAC-ENIV TT-1012 XX 00-DR-GG-0202 2 of 2 A M01

6.3b Baseline Pedestrian Facilities







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AIT	Drawing Title Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme
Approved DK	Figure 6.3b Baseline Pedestrian Facilities Templeoque to City Centre
	Templeogue to City Centre Drawing File Name Sheet Number Status Rev BCIDE-JAC-ENV TT-1012 XX 00-DR-GG-0203 1 of 1 A M01

6.3c Baseline Pedestrian Facilities







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Approved	Figure 6.3c Baseline Pedestrian Facilities
DK	Templeogue to City Centre Drawing File Name BCIDE_LAC_ENV_TT_1012_XX_00_DB_CC_0204 1 of 1 A M01

#### **6.3d** Baseline Pedestrian Facilities







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Rd	to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown
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	Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme Figure 6.3d
Approved DK	Baseline Pedestrian Facilities Templeogue to City Centre

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Approved	Figure 6.3d Baseline Pedestrian Facilities	
DK	Templeogue to City Centre Drawing File Name Sheet Number Status Rev BCIDE-JAC-ENV_TT-1012_XX_00-DR-GG-0206 2 of 2 A M01	

6.4a Baseline Cycle Facilities







14	ese Bluebell Crumlin Harolds Cross
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	Greenhills 10 Ballymount 2
~	Rathfarnham Windy
	11 NS1 Tallaght Dur
X	Firhouse Knocklyon Ballinte
TEREI	M50
\mathbf{k}	Legend : Section 1
	 R137 Tallaght Road, R137 Templeogue Road to R114 Rathfarnham Road Cycle Facilities Combined Bus and Cycle Lane
	Cycle Track Cycle Lane Spicifica Outle Badica
RFIEL	Existing Cycle Parking
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δ ΤΓΑ	CORE BUS CORRIDORS INFRASTRUCTURE WORKS Drawing Title Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme
Approved DK	Figure 6.4a Baseline Cycling Facilities
	Templeogue to City Centre Drawing File Name Sheet Number Status Rev BCIDE-JAC-ENV_TT-1012_XX_00-DR-GG-0301 1 of 2 A M01



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have been P	Legend :
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	R137 Tallaght Road, R137 Templeogue Road to R114 Rathfarnham Road Cycle Facilities
	Combined Bus and Cycle Lane
	Cycle Track
	Cycle Lane
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	Existing Cycle Parking
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TrA	Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme Figure 6.4a
Approved DK	Baseline Cycling Facilities Templeogue to City Centre
	Drawing File Name Sheet Number Status Rev BCIDE-JAC-ENV TT-1012 XX 00-DR-GG-0302 2 of 2 A M01

6.4b Baseline Cycle Facilities







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	alkinstown	Clonskeagh
	ymount Kimmage	Milltown
	Rathfarnham	Windy Arbour
OUN	Templeoque	Churchtown
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6.4c Baseline Cycle Facilities







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illeen Rd	Rathfarnham Windy Arbour
d	Templeogue Churchtown
	NS1 Tallaght Dundrum
Ormond	Ballyboden
5	Legend :
Wind	
1	R137 Terenure Road North to Charleville Road - R114 Terenure Road East, Rathgar Road
	Cycle Facilities
	Combined Bus and Cycle Lane
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5	CORE BUS CORRIDORS INFRASTRUCTURE WORKS
τιυ	Drawing Title Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme Figure 6.4c
Approved DK	Baseline Cycling Facilities Templeogue to City Centre
	Drawing File Name Sheet Number Status Rev BCIDE-JAC-TRA_ZZ-1012_XX_00-DR-GG-0304 1 of 1 A M01

6.4d Baseline Cycle Facilities







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	Rathfarnham Windy Arbour
	Legend :
2	Section 4
P	Charleville Road to R137 Dame Street
<u> </u>	Cycle Facilities
	Combined Bus and Cycle Lane
	Cycle Track
	Cycle Lane
	Cycle Greenway
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A	Drawing Title Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme
Approved	Figure 6.4d Baseline Cycling Facilities
DK	Templeogue to Ĉity Centre Drawing File Name RCIDE LAC ENIV TT 4012 XX 00 DB CC 0205 Sheet Number Status N01



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Pub	Crumlin Harolds Cross 1	
Boyne g	Rathgar Clonskeagh	
	TANK FULL AND	
	Kimmage	
D.		
Denzi	Rathfarnham Windy Arbour	
	Legend :	
Dn c	Section 4	
on Sq Ntl	Charleville Road to R137 Dame Street	
	Cycle Facilities	
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	Cycle Track	
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### **6.5a** Baseline Bus Facilities







k d Drive H	Bluebell Crumlin Harolds Cross Walkinstown Greenhills Ballymount Ballymount Ballymount Templeogre Church Dur Ballyboden Firhouse Knocklyon Ballyboden Firhouse Knocklyon Ballinte
	Legend :
	Section 1
	R137 Tallaght Road, R137 Templeogue Road to R114
	Rathfarnham Road
	Existing Bus Facilities
100	Existing Bus Stop with Shelter
	Existing Bus Stop without Shelter
DELET	Existing Bus Lane
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allu	Note 4. Equilities contained within the Templesque / Dathfornham
allyroar	<b>Note 1:</b> Facilities contained within the Templeogue / Rathfarnham to City Centre Core Bus Corridor Scheme boundary are displayed;
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Approved	Baseline Bus Facilities
DK	Templeogue to City Centre           Drawing File Name         Sheet Number         Status         Rev
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W	ese Bluebell Crumlin Harolds Cross
Rathgar Pk	Walkinstown Greenhills Kimmage 10 Ballymount 2
- Pk	1 Church 11 NS1 Tallaght Dur
ictoria P	ght N 81 Firhouse Knocklyon 12 Edmondstown Ballinte
lictoria	M50-
Bushy P	Legend : Section 1 R137 Tallaght Road, R137 Templeogue Road to R114 Rathfarnham Road
	Existing Bus Facilities     Existing Bus Stop with Shelter
ank	Existing Bus Stop without Shelter
	Existing Bus Lane
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k Rd	
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	<b>Note 1:</b> Facilities contained within the Templeogue / Rathfarnham to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown
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# **6.5b** Baseline Bus Facilities







	Inchicore Dolphins Barn
sa	
• \	Rathgar
	alkins town nhills
	ymount Kimmage Milltown
	Rathfarnham Windy Arbour
OUN	Templeogue Churchtown
	11 N81 Tallaght Dundrum
1	Ballyboden
10th	ouse Knocklyon Edmondstown
	Ballinteer
Orwe	
	Legend :
	Section 2 R821 Nutgrove Avenue to R137 Terenure Road North -
5	Grange Road, Rathfarnham Road
1	Existing Bus Facilities
Pk	Existing Bus Stops with Shelter
em	Existing Bus Stops without Shelter
	Existing Bus Lane
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	<b>Note 1:</b> Facilities contained within the Templeogue / Rathfarnham to City Centre Core Bus Corridor Scheme boundary are displayed
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Approved DK	Figure 6.5b Baseline Bus Facilities Rathfarnham to City Centre
	Drawing File Name BCIDE-JAC-ENV_TT-1012_XX_00-DR-GG-0403 1 of 1 A M01

# **6.5c** Baseline Bus Facilities







	Islandbridge
<u> </u>	Kilmainham
Z	Irishto
	bell Counting Handle Ballsbridge
	bell Crumlin Harolds Cross
110	Rathgar
Dunville	ns town Clon skeagh
	lls Kimmage Milltown
llee	punt
killeen Rd	Rathfarnham Windy Arbour
6	Templeogue Churchtown
	11 NS1 Tallaght Dundrum
ormond	Ballyboden
ų	Legend :
Wind	-
	R137 Terenure Road North to Charleville Road - R114
	Terenure Road East, Rathgar Road Existing Bus Facilities
	Existing Bus Stops with Shelter
	Existing Bus Stops without Shelter
	Existing Bus Lane
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	to City Centre Core Bus Corridor Scheme boundary are displayed;
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5	CORE BUS CORRIDORS INFRASTRUCTURE WORKS
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Approved DK	Baseline Bus Facilities Templegue to City Centre
	Drawing File Name BCIDE_IAC_ENV_TT-1012_XX_00-DR-GG-0404_1 of 1 M01

# **6.5d** Baseline Bus Facilities







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spilke	Toll
	PARK DPT/E Wall R
~	Dublin
	Islan dbridge Ringsend
	Kilmainham 2 Irishtown
	core Dolphins Barn
	Crumlin Harolds Ballsbridge
	Cross 1
2~	Rathgar 1 Merrie
9 ₀ St Upr	own dionskeagh
St Upr	Kimmage Milltown Bo
-	
1	Rathfarnham Windy Arbour
	Legend :
2	Section 4
P	Charleville Road to R137 Dame Street
P.B.	Existing Bus Facilities
	Existing Bus Stops with Shelter
	<ul> <li>Existing Bus Stops without Shelter</li> </ul>
	Existing Bus Lane
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Rd	to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown
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	Programme Title
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Approved DK	Figure 6.5d Baseline Bus Facilities Templeogue to City Centre
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Denzi	Rathfarnham Windy Arbour
	Legend :
n Sa	Section 4
on Sq Nth	Charleville Road to R137 Dame Street
	Existing Bus Facilities
	Existing Bus Stops with Shelter
_ /	<ul> <li>Existing Bus Stops without Shelter</li> </ul>
th	Existing Bus Lane
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	Programme Title BUSCONNECTS DUBLIN
5	CORE BUS CORRIDORS INFRASTRUCTURE WORKS
AIT	Drawing Title Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme
Approved	Figure 6.5d Baseline Bus Facilities
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# **6.6** Aerial Views of Key Junctions







### B) R137 TEMPLEOGUE ROAD / R817 CYPRESS GROVE ROAD AND OLD BRIDGE RO.

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		RIL2S
	R137 Templeogue Road	Tenurcogue BUTTERFIE NSI Tallaght R114 R817 Ba
Spavel		Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme A) Spawell four-arm Roundabout B) R137 Templeogue Road / R817 Cypress Grove Road and Old Bridge Road four arm signalised junction
R137 Templeo	Pgue Road	0 7 14 21 28 35 m
OAD FOUR ARM SIGNALISED JUNCTION           Rev         Date         Drn         Chk/d         App'd         Description	Client Consultant	BAR SCALE
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A) RATHDOWN CRESCENT / RATHDOWN PARK FOUR-ARM ROUNDABOUT



### B) R821 NUTGROVE AVENUE AND GRANGE ROAD / L8385 RATHFARNHAM WOOD / R822 GRANGE ROAD FOUR-ARM SIGNALISED JUNCTION

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### B) R114 RATHFARNHAM ROAD / R115 RATHFARNHAM ROAD / R114 BUTTERFIELD AVENUE THREE-ARM SIGNALISED JUNCTION

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A) R114 RATHFARNHAM ROAD / L8103 CASTLESIDE DRIVE / L4014 MAIN STREET FOUR-ARM SIGNALISED JUNCTION



### B) R114 RATHFARNHAM ROAD / R112 DODDER PARK ROAD / R112 DODDER VIEW ROAD FOUR-ARM SIGNALISED JUNCTION

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Balante Place

### **B) TERENURE CROSS FOUR-ARM SIGNALISED JUNCTION**

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thfarnham Road	
ARM SIGNALISED JUNCTION	Legend Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme A) R114 Rathfarnham Road North and South / Rathdown Park three-arm signalised junction B) Terenure Cross four-arm signalised junction
R114 Terenure Road East	
	0 7 14 21 28 35 m
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Údarás Nálsiúnta Iompair National Transport Authority	Drawing Title Figure 6.6 Aerial Views of Key Junctions
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A) ORWELL ROAD / ZION ROAD THREE-ARM SIGNALISED JUNCTION



### B) R114 TERENURE ROAD EAST / RATHGAR AVENUE / R114 RATHGAR ROAD / ORWELL ROAD FOUR- ARM SIGNALISED JUNCTION

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A) R137 HAROLD'S CROSS ROAD / LEINSTER ROAD THREE-ARM SIGNALISED JUNCTION



### B) R114 RATHGAR ROAD / R114 RATHMINES ROAD LOWER / R820 RATHMINES ROAD UPPER THREE ARM SIGNALISED JUNCTION

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	Harolds Cross References Rathgar
	Legend Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme A) R137 Harold's Cross Road / Leinster Road three-arm signalised junction B) R114 Rathgar Road / R114 Rathmines Road Lower / R820 Rathmines Road Upper three arm signalised junction
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	CORE BUS CORRIDORS INFRASTRUCTURE WORKS
	Drawing Title Figure 6.6 Aerial Views of Key Junctions
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A) R114 RATHMINES ROAD LOWER / CASTLEWOOD AVENUE THREE-ARM SIGNALISED JUNCTION



### B) R114 RATHMINES ROAD LOWER / LEINSTER ROAD THREE-ARM SIGNALISED JUNCTION

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Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme



A) R114 Rathmines Road Lower / Military Road / Richmond Hill staggered four-arm priority junction



B) R114 Richmond Street South / R111 Canal Road / R114 Rathmines Road Lower / R111 Grove Road four arm signalised crossroads junction

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### Legend

Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme



A) R114 Aungier Street / Longford Street Lower / Longford Street Little four arm signalised junction



B) R114 South Great George's Street / Stephen Street Lower / R114 Aungier Street / Stephen Street Upper four arm signalised junction

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### **6.7** Flow Difference on Road Links 2028 Opening Year DoMinimum vs DoSomething AM Peak Hour







### **6.8** Flow Difference on Road Links 2028 Opening Year DoMinimum vs DoSomething PM Peak Hour







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# **6.9** Volume/Capacity Ratios 2028 Opening Year DoMinimum vs DoSomething AM Peak Hour







# **6.10** Volume/Capacity Ratios 2028 Opening Year DoMinimum vs DoSomething PM Peak Hour







# **6.11** Volume/Capacity Ratios 2043 Opening Year + 15 Years DoMinimum vs DoSomething AM Peak Hour







# **6.12** Volume/Capacity Ratios 2043 Opening Year + 15 Years DoMinimum vs DoSomething PM Peak Hour







## **6.13** Flow Distribution 2028 Post Construction Scenario (AM) All Core Bus Corridors











## **6.14** Flow Distribution 2028 Post Construction Scenario (PM) All Core Bus Corridors











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## **6.15** Flow Distribution 2043 Post Construction Scenario (AM) All Core Bus Corridors











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## **6.16** Flow Distribution 2043 Post Construction Scenario (PM) All Core Bus Corridors









