

APPENDIX B

Network and Service Assumptions

Appendix B : Network and Service Assumptions

(extracted directly from GWRC's "network creator" spreadsheet – no allowance made for grammar or spelling – reference only)

Area	Code Identification	Description
CBD	BaseZone56	Adjust Zone 56 feeds - Kelburn ready for ICBP II
CBD	BaseZone154	Adjust Zone 154 feeds near SH2/SH58
CBD	BaseZone84	Adjust Zone 84 feeds N of Newlands
CBD	BaseZone57	Adjust Zone 84 feeds N of Newlands
CBD	BaseKeburnLocals	Adjust Kelburn Local Rds ready for ICBP II
CBD	BaseBasin Adeleaide	Adjust Adelaide Rd/Rugby Rd 2006 configuration
CBD	BaseBasin AdeleaideSignal	Updates Adelaide Rd/Rugby Rd to 2007 signal - Remove for Basin GS
CBD	BaseBasinMtVic	Adjusts Mt Vic/Basin Reserve intscn 2006 configuration
HUTT	BaseCubaWakefield	adjust modelling of Cuba St flyover in Hutt
WESTERN	Base06PetoneRamps	TBA
WESTERN	Base_Ihakara_St_Ext1	Ihakara St Extension SH1 to Rimu Rd
ALL	SH1_Otaki_Roundabout	Otaki Roundabout
	BaseAdjust	Other misc Base Adjustments to regularize model
CBD	icbp_stg2_fix_all	ICBP Stg 2 & Capacity 'Fixes" MUST BE INCLUDED WITH TTDUP & BASINGS
Highway Changes		
CBD	BasinGS	Basin Reserve Grade Separation (MUST INCLUDE Basin Adelaide, Adelaide Signal and BasinMtVic And MUST include ICBP)
CBD	WaterFront_N-A_minus1L_ea_way	WaterFront_minus1L_ea_way from Nga-Airport Study
CBD	Terrace_Tunl_DupAll	Terrace Tunnel Duplication
CBD	Nga-Aotea4LTidal	Nga-Aotea 4L Tidal in Peak Directional & All Day Hutt Rd Bus Lanes
CBD	AdelaideUpgradeAll	Adelaide St Basin Riddiford alignment improvements

Area	Code Identification	Description
CBD	MtVicDup_alone	MtVicDup_aloneAll
WESTERN	Johnsonville_Road_Capacity	Johnsonville Road Capacity Increase
CBD	Waterloo_Qy_Improve	Waterloo Quay -> Adjust alignment / improve Port access
HUTT	SH2_Dowse_Petone_Upgrade	SH2 Dowse & Korokoro Grade Separations
HUTT	SH2_Moonshine_safety	SH2/Moonshine Rd New Safety Barrier prevents Crossing traffic (Can't be Modelled)
	TG_Opt1_SKM	Transmission Gully from N-A (from RTP provided by SKM)
WESTERN	SH1_WaterfallRd_closure	Waterfall Road closure (this removes 1 of 2 Z114 access points)
WESTERN	SH1_Poplar_GrSep	Poplar Ave "Faux" Grade Separation
WESTERN	SH1_Waekenae_GrSep	Waekenae "Faux" Grade Separation
WESTERN	SH1_Otaihanga_GrSep	SH1 Otaihanga "Faux" Grade Separation
WESTERN	SH1_Paraparam_Bypass	Bypass - 4L expressway Paraparam N of Poplar to Venter Drive
WESTERN	WesternLinkRdStg1	Kapiti Western Link Road Stage 1
WESTERN	WesternLinkRdStg3	Kapiti Western Link Road Stage 3
WESTERN	Ihakara_St_Ext2	Ihakara St Extension Rimu Rd to WLR
WESTERN	Western_Link_Expressway	Link to connect WLR @ Poplar Rd to SH1 0.8 km S of Poplar Rd
WESTERN	WLRreduxStg1	Reduction of the Western Link Road Scheme (as part of RONs)
WEST/HUTT	LincolnshireFarms	LincolnshireFarms
WESTERN	Waik - Pram_VenterRd	0
WESTERN	SH1 2 to 4L N of PekaPeka	Widen SH1 Kapiti Expressway
WESTERN	PekaPeka-Waik_4L	Widen SH1 Kapiti Expressway
WESTERN	Waik - Pram_VenterRd	Widen SH1 Kapiti Expressway
WEST/HUTT*	Triangle Study*	Triangle Study (Grenada-Petone Link)*
WEST/HUTT*	SH58 Widening	Widening from 2 lanes to four lanes in both directions – all periods
* Only included as part of the Grenada-Petone Link Option Testing		
# Only included as part of the SH58 widening option		

Area	Code Identification	Description
Public Transport Service Changes		
ALL	Rail_Track_Consistency	Add nodes for future rail stations - consistency 06-long tern
ALL	Real_Time_Info	Real Time Information ->> @ board REDUCED BY 1.0 MINUTES
WESTERN	Waikanae	Waik -Kapiti Station Upgrades
WESTERN	Paraparaumu	Pram -Kapiti Station Upgrades
ALL	PT Routes_AM	
ALL	PT Routes_IP	
ALL	PT Routes_PM	
ALL	PT_Rail_DoMin_AM	Extend West Line to Waikanae & half ttf change (New Rolling Stock)
ALL	PT_Rail_DoMin_IP	Extend West Line to Waikanae & half ttf change (New Rolling Stock)
ALL	PT_Rail_DoMin_PM	Extend West Line to Waikanae & half ttf change (New Rolling Stock)
CBD	BusLanes_HuttRd_Nga-Aotea4LTidal	Bus lanes Hutt Rd Ngaranga Aotea Quay Tidal Flow
CBD	Buslanes1_Murphy_AM	AM only from 2016 as per July 09 project scheme
CBD	Buslanes1_Bowen_Down_AM	Peak direction AM/PM from 2016 as per July 09 project scheme
CBD	Buslanes1_Terrace_NBD_AM	Both Peaks Bowen-Everton Dynamic Pk Dir Everton Sal from 2016 as per July 09 project scheme
CBD	Buslanes1_LambtonQy_SBD_AM	Full Time from 2016 as per July 09 project scheme Grey-Bowen
CBD	Buslanes1_LambtonQy_NBD_AM	Full Time from 2016 as per July 09 project scheme Grey-Bowen
CBD	Buslanes1_GM_Courtenay_EBD_AM	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme
CBD	Buslanes1_GM_Courtenay_WBD_AM	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme
CBD	Buslanes1_GM_Manners_WBD_AM	Full Time WBD as existing 2006 Victoria - Willis
CBD	Buslanes1_MannersMall_AM	Full Time both ways from 2016 as per July 2009 project scheme Taranaki St-Victoria St
CBD	Buslanes1_Cam_Kent_NBD_AM	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme

Area	Code Identification	Description
CBD	Buslanes1_Cam_Kent_SBD_AM	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme
CBD	Buslanes1_Adelaide_NBD_AM	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme John-Basin
CBD	Buslanes1_Adelaide_SBD_AM	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme Basin-John
CBD	Buslanes1_TaranakiS_SBD_AM	Both Peaks from 2016 as per July 09 project scheme Courtenay-Buckle
CBD	Buslanes1_TaranakiS_NBD_AM	Both Peaks from 2016 as per July 09 project scheme Buckle-Courtenay
CBD	Buslanes1_Kaiwhara_EBD_AM	Peak direction AM/PM from 2016
CBD	Buslanes1_Kaiwhara_WBD_AM	Peak direction AM/PM from 2016
CBD	Buslanes2_HuttThorndon_AM	Peak direction AM/PM from 2026 as per July 09 project scheme
CBD	Buslanes2_KaroriChaytor_AM	Full Time SBD as existing 2006 Chaytor St S of Karori Rd - Birdwood St
CBD	Buslanes2_KaroriGlenmore_AM	Peak direction AM/PM from 2016 as per July 09 project scheme
CBD	Buslanes2_WillisSt_AM	AM only from 2016 as per July 09 project scheme
CBD	Buslanes2_RiddifordJohn_AM	Peak direction AM/PM from 2016 as per July 09 project scheme Riddiford/Constable-John/Wallace
CBD	Buslanes2_Kilbirnie_Newtown_AM	AM Newtown-Kilbirnie Buslanes
CBD	Buslanes2_Kilbirnie_Hataitai_AM	AM Kilbirnie-Hataitai Buslanes
CBD	Buslanes1_Kaiwhara_WBD	Kaiwharawhara Bus Lane
CBD	Buslanes2_JohnWallace_AM	Peak direction AM/PM from 2016 as per July 09 project scheme (Taranaki Buckle-Hopper & Wallace Buckle-John)
CBD	Buslanes2_TroyBay_AM	Full Time from 2026 as per July 09 project scheme Troy/Cobham-Rongatai/Bay
CBD	Buslanes2_BayTroy_AM	Full Time from 2026 as per July 09 project scheme Rongatai/Bay-Troy/Cobham
CBD	Buslanes2_BayConstable_AM	Peak direction AM/PM from 2016 as per July 09 project scheme Rongatai/Bay-Ruahine

Area	Code Identification	Description
		Circle/Alexandra
CBD	Buslanes2_ConstableRiddiford_AM	Pk Dir Dynamic from 2016 as per July 09 project scheme Ruahine Circle/Alexandra-Coromandel/Riddiford
CBD	Buslanes2_BayMoxham_AM	Peak direction AM/PM from 2026 as per July 09 project scheme
CBD	Buslanes2_MoxhamWaitoa_AM	Pk Dir Dynamic AM/PM from 2026 as per July 09 project scheme
CBD	Buslane2_IslandBayJohn_AM	Peak direction AM/PM from 2026 as per July 09 project scheme
CBD	Buslane2_LuxfordRintoul_AM	Peak Dir AM/PM Luxford Dynamic Pk Dir Rintoul from 2026 as per July 09 project scheme
CBD	Buslane2_BrooklynWebb_AM	Dynamic (Cleavland-Washington) & Alternate (Wash-Webb) AM/PM from 2026 as per July 09 project scheme
CBD	Buslane2_DonaldTunnel_AM	Peak Dynamic AM/PM from 2026 as per July 09 project scheme
CBD	Buslane2_NgaioNgauranga_AM	Peak direction AM/PM from 2026 as per July 09 project scheme
CBD	Buslanes1_LambtonQy_SBD_IP	Full Time from 2016 as per July 09 project scheme Grey-Bowen
CBD	Buslanes1_LambtonQy_NBD_IP	Full Time from 2016 as per July 09 project scheme Grey-Bowen
CBD	Buslanes1_GM_Courtenay_EBD_IP	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme
CBD	Buslanes1_GM_Courtenay_WBD_IP	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme
CBD	Buslanes1_GM_Manners_WBD_IP	Full Time WBD as existing 2006 Victoria - Willis
CBD	Buslanes1_MannersMall_IP	Full Time both ways from 2016 as per July 2009 project scheme Taranaki St-Victoria St
CBD	Buslanes1_Cam_Kent_NBD_IP	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme
CBD	Buslanes1_Cam_Kent_SBD_IP	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme
CBD	Buslanes1_Adelaide_NBD_IP	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme John-Basin
CBD	Buslanes1_Kaiwhara_WBD_IP	Peak direction AM/PM from 2016

Area	Code Identification	Description
CBD	Buslanes2_KaroriChaytor_IP	Full Time SBD as existing 2006 Chaytor St S of Karori Rd - Birdwood St
CBD	Buslanes2_TroyBay_IP	Full Time from 2026 as per July 09 project scheme Troy/Cobham-Rongatai/Bay
CBD	Buslanes1_Molesworth_PM	PM only from 2016 as per July 09 project scheme
CBD	Buslanes1_Bowen_Up_PM	Peak direction AM/PM from 2016 as per July 09 project scheme
CBD	Buslanes1_Terrace_SBD_PM	Both Peaks Bowen-Everton Dynamic Pk Dir Everton Sal from 2016 as per July 09 project scheme
CBD	Buslanes1_LambtonQy_SBD_PM	Full Time from 2016 as per July 09 project scheme Grey-Bowen
CBD	Buslanes1_LambtonQy_NBD_PM	Full Time from 2016 as per July 09 project scheme Grey-Bowen
CBD	Buslanes1_GM_Courtenay_EBD_PM	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme
CBD	Buslanes1_GM_Courtenay_WBD_PM	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme
CBD	Buslanes1_GM_Manners_WBD_PM	
CBD	Buslanes1_MannersMall_PM	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme
CBD	Buslanes1_Cam_Kent_NBD_PM	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme
CBD	Buslanes1_Cam_Kent_SBD_PM	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme John-Basin
CBD	Buslanes1_Adelaide_NBD_PM	Both Peaks from 2016, Full Time from 2026 as per July 09 project scheme Basin-John
CBD	Buslanes1_Adelaide_SBD_PM	Both Peaks from 2016 as per July 09 project scheme Courtenay-Buckle
CBD	Buslanes1_TaranakiS_SBD_PM	Both Peaks from 2016 as per July 09 project scheme Buckle-Courtenay
CBD	Buslanes1_Kaiwhara_EBD_PM	
CBD	Buslanes1_Kaiwhara_WBD_PM	
CBD	Buslanes2_HuttThorndon_PM	Peak direction AM/PM from 2016 as per July 09 project scheme
CBD	Buslanes2_KaroriGlenmore_PM	PM only from 2026 as per July 09 project scheme

Area	Code Identification	Description
CBD	Buslanes2_Victoria St_PM	Peak direction AM/PM from 2016 as per July 09 project scheme Riddiford/Constable-John/Wallace
CBD	Buslanes2_JohnWallace_PM	Peak direction AM/PM from 2016 as per July 09 project scheme (Taranaki Buckle-Hopper & Wallace Buckle-John)
CBD	Buslanes2_RiddifordConstable_PM	Pk Dir Dynamic from 2016 as per July 09 project scheme Ruahine Circle/Alexandra-Coromandel/Riddiford
CBD	Buslanes2_ConstableBay_PM	Peak direction AM/PM from 2016 as per July 09 project scheme Rongatai/Bay-Ruahine Circle/Alexandra
CBD	Buslanes2_TroyBay_PM	Full Time from 2026 as per July 09 project scheme Troy/Cobham-Rongatai/Bay
CBD	Buslanes2_BayTroy_PM	Full Time from 2026 as per July 09 project scheme Rongatai/Bay-Troy/Cobham
CBD	Buslanes2_WaitoaMoxham_PM	Pk Dir Dynamic AM/PM from 2026 as per July 09 project scheme
CBD	Buslanes2_MoxhamBay_PM	Peak direction AM/PM from 2026 as per July 09 project scheme
	Buslane2_IslandBayJohn_AM	Pk Dir Dynamic AM/PM from 2026 as per July 09 project scheme
CBD	Buslane2_LuxfordRintoul_AM	Peak direction AM/PM from 2026 as per July 09 project scheme
CBD	Buslane2_BrooklynWebb_AM	Peak Dir AM/PM Luxford Dynamic Pk Dir Rintoul from 2026 as per July 09 project scheme
CBD	Buslane2_DonaldTunnel_AM	Dynamic (Cleavland-Washington) & Alternate (Wash-Webb) AM/PM from 2026 as per July 09 project scheme
CBD	Buslane2_NgaioNgauranga_AM	Peak Dynamic AM/PM from 2026 as per July 09 project scheme
CBD	Buslanes1_Terrace_NBD Sal-Ever_PM	
CBD	Buslanes1_Terrace_NBD Ever-Bow_PM	
CBD	Buslanes1_CambridgeCourtenayTaranakiCourtenay_WBD_PM	