



Scope of Works

Concept Option Figures
NZ Transport Agency

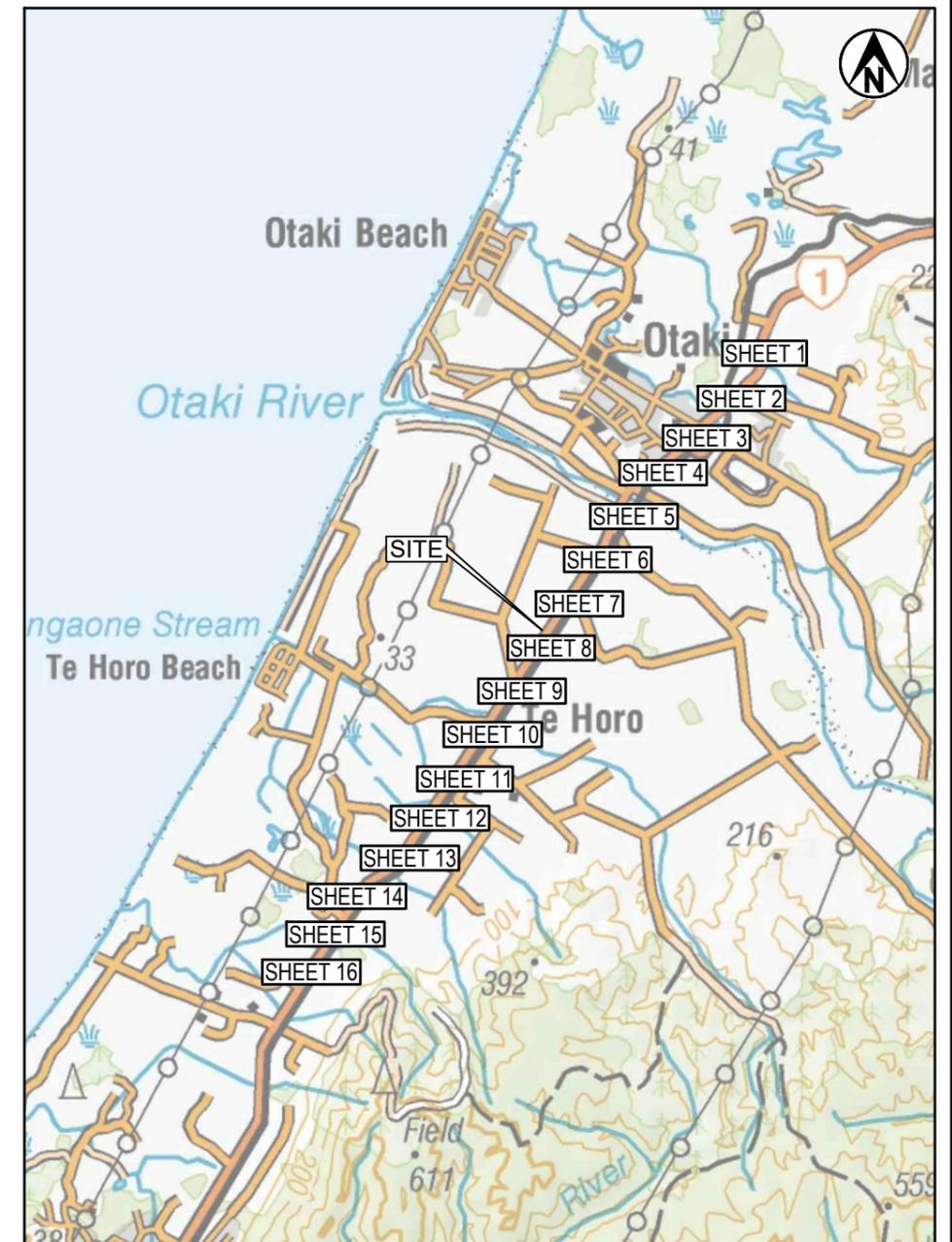
Peka Peka to Otaki
SH1 Revocation Project
Client Review Issue

Job no: 85920.0030
Date: November 2019



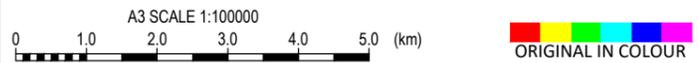
NZ TRANSPORT AGENCY PEKA PEKA TO OTAKI SH1 REVOCATION SCOPE OF WORKS For Information Only

DRAWING	Rev	Title	DRAWING	Rev	Title
● 85920.0030-F001	1	FIGURE LIST & LOCALITY PLAN	● 85920.0030-F041	1	EXISTING SERVICES PLAN SHEET 16
● 85920.0030-F010	1	OPTIONS PLAN SHEET 1	● 85920.0030-F050	1	TYPICAL CROSS SECTIONS SHEET 1
● 85920.0030-F011	1	OPTIONS PLAN SHEET 2	● 85920.0030-F051	1	TYPICAL CROSS SECTIONS SHEET 2
● 85920.0030-F012	1	OPTIONS PLAN SHEET 3	● 85920.0030-F052	1	TYPICAL CROSS SECTIONS SHEET 3
● 85920.0030-F013	1	OPTIONS PLAN SHEET 4	● 85920.0030-F053	1	TYPICAL CROSS SECTIONS SHEET 4
● 85920.0030-F014	1	OPTIONS PLAN SHEET 5	● 85920.0030-F054	1	TYPICAL CROSS SECTIONS SHEET 5
● 85920.0030-F015	1	OPTIONS PLAN SHEET 6	● 85920.0030-F055	1	TYPICAL CROSS SECTIONS SHEET 6
● 85920.0030-F016	1	OPTIONS PLAN SHEET 7	● 85920.0030-F056	1	TYPICAL CROSS SECTIONS SHEET 7
● 85920.0030-F017	1	OPTIONS PLAN SHEET 8	● 85920.0030-F057	1	TYPICAL CROSS SECTIONS SHEET 8
● 85920.0030-F018	1	OPTIONS PLAN SHEET 9	● 85920.0030-F058	1	TYPICAL CROSS SECTIONS SHEET 9
● 85920.0030-F019	1	OPTIONS PLAN SHEET 10	● 85920.0030-F059	1	TYPICAL CROSS SECTIONS SHEET 10
● 85920.0030-F020	1	OPTIONS PLAN SHEET 11	● 85920.0030-F060	1	TYPICAL CROSS SECTIONS SHEET 11
● 85920.0030-F021	1	OPTIONS PLAN SHEET 12	● 85920.0030-F061	1	TYPICAL CROSS SECTIONS SHEET 12
● 85920.0030-F022	1	OPTIONS PLAN SHEET 13	● 85920.0030-F101	1	RAHUI RD/MILL RD/SH2 INTERSECTION PLAN OPTION 1
● 85920.0030-F023	1	OPTIONS PLAN SHEET 14	● 85920.0030-F102	1	RAHUI RD/MILL RD/SH2 INTERSECTION PLAN OPTION 2
● 85920.0030-F024	1	OPTIONS PLAN SHEET 15	● 85920.0030-F111	1	WAERENGA RD/SH1 INTERSECTION PLAN OPTION 1
● 85920.0030-F025	1	OPTIONS PLAN SHEET 16	● 85920.0030-F112	1	WAERENGA RD/SH1 INTERSECTION PLAN OPTION 2
● 85920.0030-F026	1	EXISTING SERVICES PLAN SHEET 1	● 85920.0030-F113	1	WAERENGA RD/SH1 INTERSECTION PLAN OPTION 3
● 85920.0030-F027	1	EXISTING SERVICES PLAN SHEET 2	● 85920.0030-F114	1	SH1 WAERENGA RD TO RIVERBANK OPTION 1 SHEET 1
● 85920.0030-F028	1	EXISTING SERVICES PLAN SHEET 3	● 85920.0030-F115	1	SH1 WAERENGA RD TO RIVERBANK OPTION 1 SHEET 2
● 85920.0030-F029	1	EXISTING SERVICES PLAN SHEET 4	● 85920.0030-F116	1	SH1 WAERENGA RD TO RIVERBANK OPTION 2 SHEET 1
● 85920.0030-F030	1	EXISTING SERVICES PLAN SHEET 5	● 85920.0030-F117	1	SH1 WAERENGA RD TO RIVERBANK OPTION 2 SHEET 2
● 85920.0030-F031	1	EXISTING SERVICES PLAN SHEET 6	● 85920.0030-F118	1	SH1 WAERENGA RD TO RIVERBANK OPTION 3 SHEET 1
● 85920.0030-F032	1	EXISTING SERVICES PLAN SHEET 7	● 85920.0030-F119	1	SH1 WAERENGA RD TO RIVERBANK OPTION 3 SHEET 2
● 85920.0030-F033	1	EXISTING SERVICES PLAN SHEET 8	● 85920.0030-F120	1	RIVERBANK RD/SH1 - TRAFFIC SIGNALS OPTION 1
● 85920.0030-F034	1	EXISTING SERVICES PLAN SHEET 9	● 85920.0030-F121	1	RIVERBANK RD/SH1 - PRIORITY CONTROL OPTION 2
● 85920.0030-F035	1	EXISTING SERVICES PLAN SHEET 10	● 85920.0030-F131	1	TE HORO BEACH RD/SH1 INTERSECTION PLAN
● 85920.0030-F036	1	EXISTING SERVICES PLAN SHEET 11			
● 85920.0030-F037	1	EXISTING SERVICES PLAN SHEET 12			
● 85920.0030-F038	1	EXISTING SERVICES PLAN SHEET 13			
● 85920.0030-F039	1	EXISTING SERVICES PLAN SHEET 14			
● 85920.0030-F040	1	EXISTING SERVICES PLAN SHEET 15			



LOCALITY PLAN
SCALE 1:100,000

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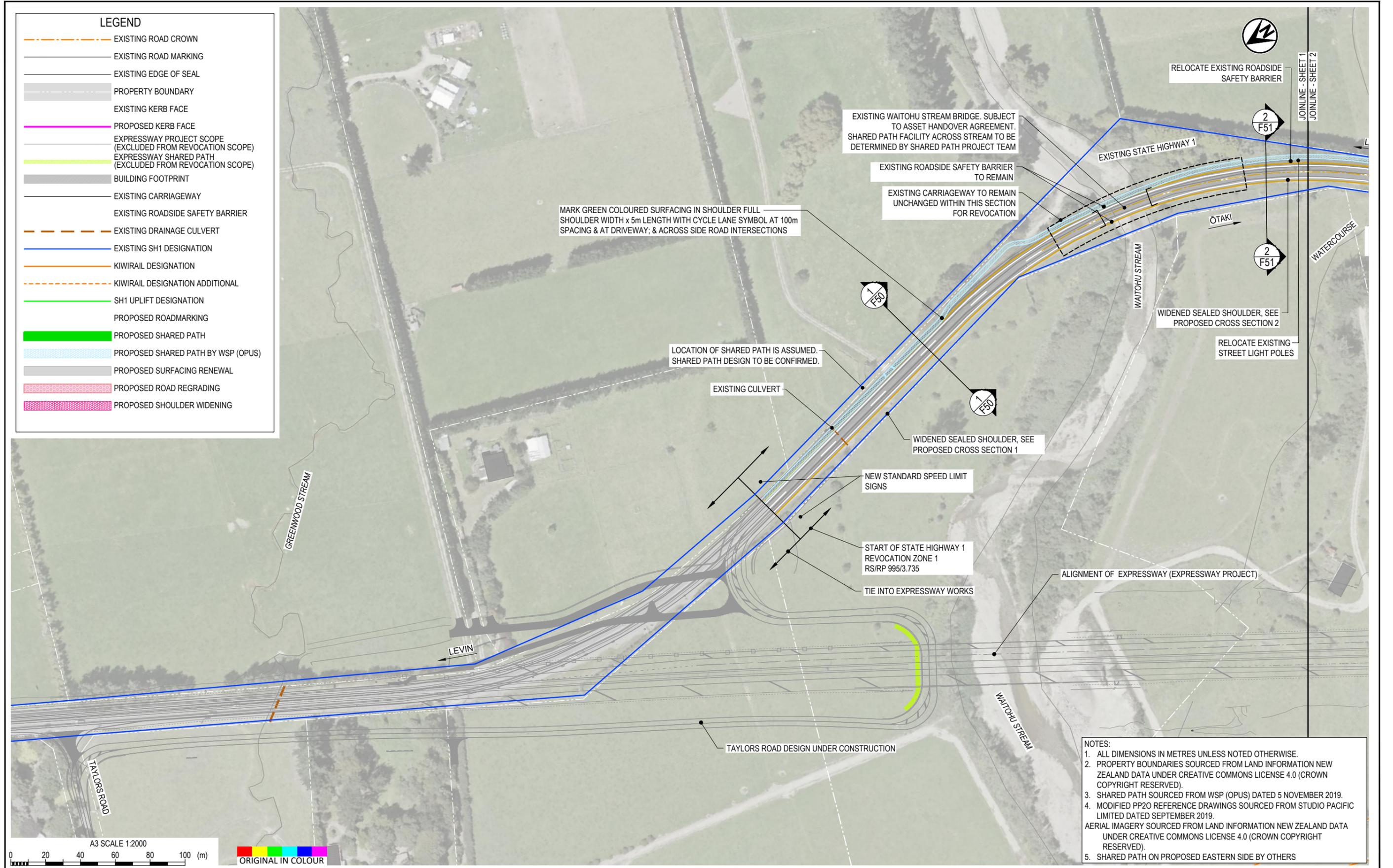


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PROJECT No. 00085920.0030		
DESIGNED	CYSA	Nov.19
DRAWN	BRMA	Nov.19
CHECKED		
APPROVED		DATE

CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN FIGURE LIST & LOCALITY PLAN		
SCALE (A3)	AS SHOWN	FIG No.	85920.0030-F001
		REV	1



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PROJECT No. 00085920.0030

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CLIENT NZ TRANSPORT AGENCY

PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
OPTIONS PLAN SHEET 1

SCALE (A3) 1:2000

FIG No. 85920.0030-F010

REV 1

APPROVED DATE

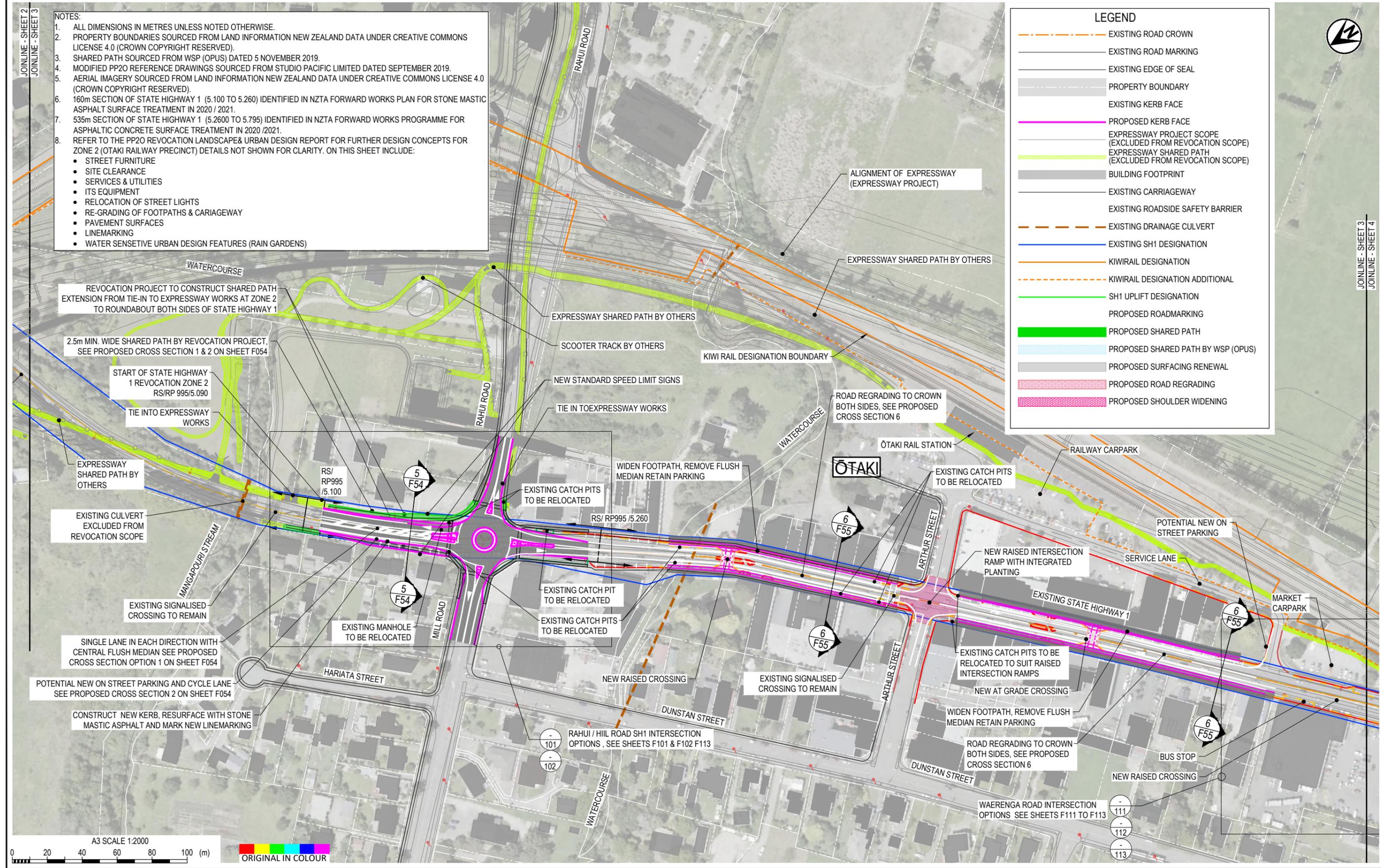
JOINLINE - SHEET 2
JOINLINE - SHEET 3

JOINLINE - SHEET 3
JOINLINE - SHEET 4

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 5. AERIAL IMAGERY SOURCED FROM LAND INFORMATION NEW ZEALAND DATA UNDER CREATIVE COMMONS LICENSE 4.0 (CROWN COPYRIGHT RESERVED).
 6. 160m SECTION OF STATE HIGHWAY 1 (5.100 TO 5.260) IDENTIFIED IN NZTA FORWARD WORKS PLAN FOR STONE MASTIC ASPHALT SURFACE TREATMENT IN 2020 / 2021.
 7. 535m SECTION OF STATE HIGHWAY 1 (5.2600 TO 5.795) IDENTIFIED IN NZTA FORWARD WORKS PROGRAMME FOR ASPHALTIC CONCRETE SURFACE TREATMENT IN 2020 / 2021.
 8. REFER TO THE PP20 REVOCATION LANDSCAPE & URBAN DESIGN REPORT FOR FURTHER DESIGN CONCEPTS FOR ZONE 2 (OTAKI RAILWAY PRECINCT) DETAILS NOT SHOWN FOR CLARITY. ON THIS SHEET INCLUDE:
 - STREET FURNITURE
 - SITE CLEARANCE
 - SERVICES & UTILITIES
 - ITS EQUIPMENT
 - RELOCATION OF STREET LIGHTS
 - RE-GRADING OF FOOTPATHS & CARRIAGEWAY
 - PAVEMENT SURFACES
 - LINEMARKING
 - WATER SENSITIVE URBAN DESIGN FEATURES (RAIN GARDENS)

LEGEND

- EXISTING ROAD CROWN
- EXISTING ROAD MARKING
- EXISTING EDGE OF SEAL
- PROPERTY BOUNDARY
- EXISTING KERB FACE
- PROPOSED KERB FACE
- EXPRESSWAY PROJECT SCOPE (EXCLUDED FROM REVOCATION SCOPE)
- EXPRESSWAY SHARED PATH (EXCLUDED FROM REVOCATION SCOPE)
- BUILDING FOOTPRINT
- EXISTING CARRIAGEWAY
- EXISTING ROADSIDE SAFETY BARRIER
- EXISTING DRAINAGE CULVERT
- EXISTING SH1 DESIGNATION
- KIWI RAIL DESIGNATION
- KIWI RAIL DESIGNATION ADDITIONAL
- SH1 UPLIFT DESIGNATION
- PROPOSED ROADMARKING
- PROPOSED SHARED PATH
- PROPOSED SHARED PATH BY WSP (OPUS)
- PROPOSED SURFACING RENEWAL
- PROPOSED ROAD REGRADING
- PROPOSED SHOULDER WIDENING



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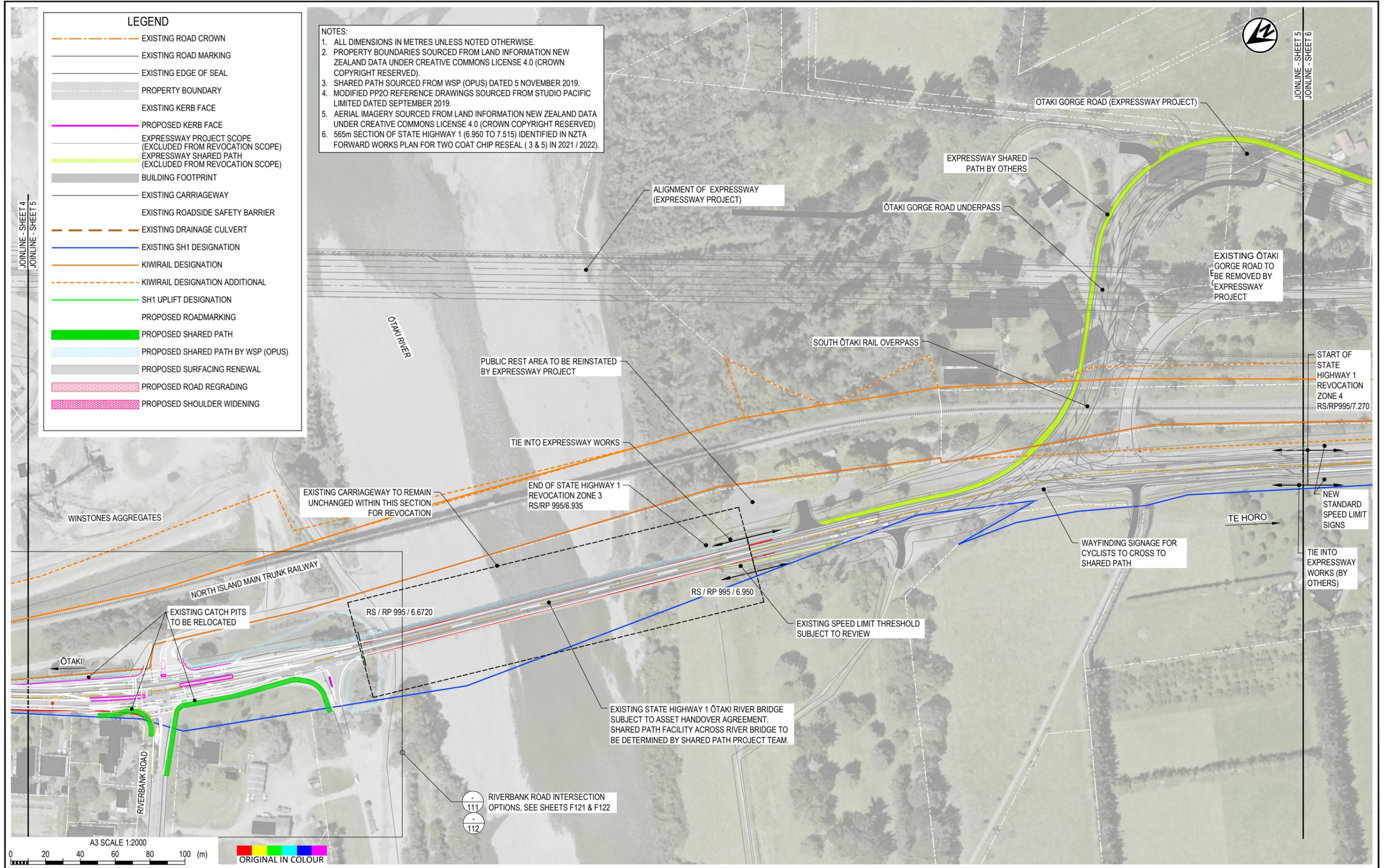
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DESIGNED	CYSA	Nov.19
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CLIENT **NZ TRANSPORT AGENCY**
PROJECT **PEKA PEKA TO OTAKI SH1 REVOCATION**
TITLE **PROJECT SCOPE CONCEPT DESIGN**
Options Plan Sheet 3

SCALE (A3) 1:2000 FIG No. 85920.0030-F012 REV 1



LEGEND

- EXISTING ROAD CROWN
- EXISTING ROAD MARKING
- EXISTING EDGE OF SEAL
- PROPERTY BOUNDARY
- EXISTING KERB FACE
- PROPOSED KERB FACE
- EXPRESSWAY PROJECT SCOPE (EXCLUDED FROM REVOCATION SCOPE)
- EXPRESSWAY SHARED PATH (EXCLUDED FROM REVOCATION SCOPE)
- BUILDING FOOTPRINT
- EXISTING CARRIAGEWAY
- EXISTING ROADSIDE SAFETY BARRIER
- EXISTING DRAINAGE CULVERT
- EXISTING SH1 DESIGNATION
- KIWIRAIL DESIGNATION
- KIWIRAIL DESIGNATION ADDITIONAL
- SH1 UPLIFT DESIGNATION
- PROPOSED ROADMARKING
- PROPOSED SHARED PATH
- PROPOSED SHARED PATH BY WSP (OPUS)
- PROPOSED SURFACING RENEWAL
- PROPOSED ROAD REGRADING
- PROPOSED SHOULDER WIDENING

NOTES:

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5. AERIAL IMAGERY SOURCED FROM LAND INFORMATION NEW ZEALAND DATA UNDER CREATIVE COMMONS LICENSE 4.0 (CROWN COPYRIGHT RESERVED)
6. 565m SECTION OF STATE HIGHWAY 1 (6.950 TO 7.515) IDENTIFIED IN NZTA FORWARD WORKS PLAN FOR TWO COAT CHIP RESEAL (3 & 5) IN 2021 / 2022.

JOINLINE - SHEET 4
JOINLINE - SHEET 5

JOINLINE - SHEET 5
JOINLINE - SHEET 6

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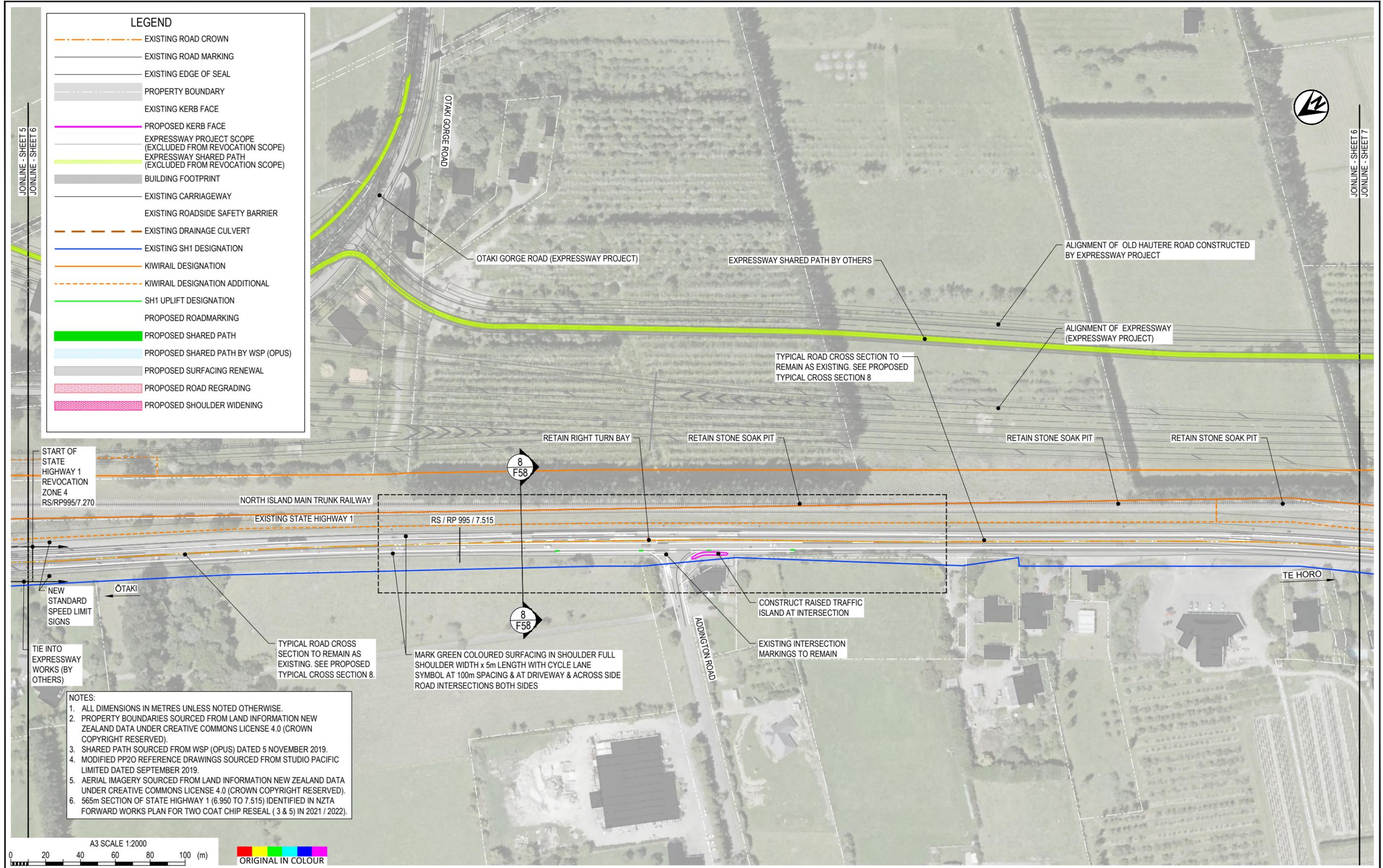
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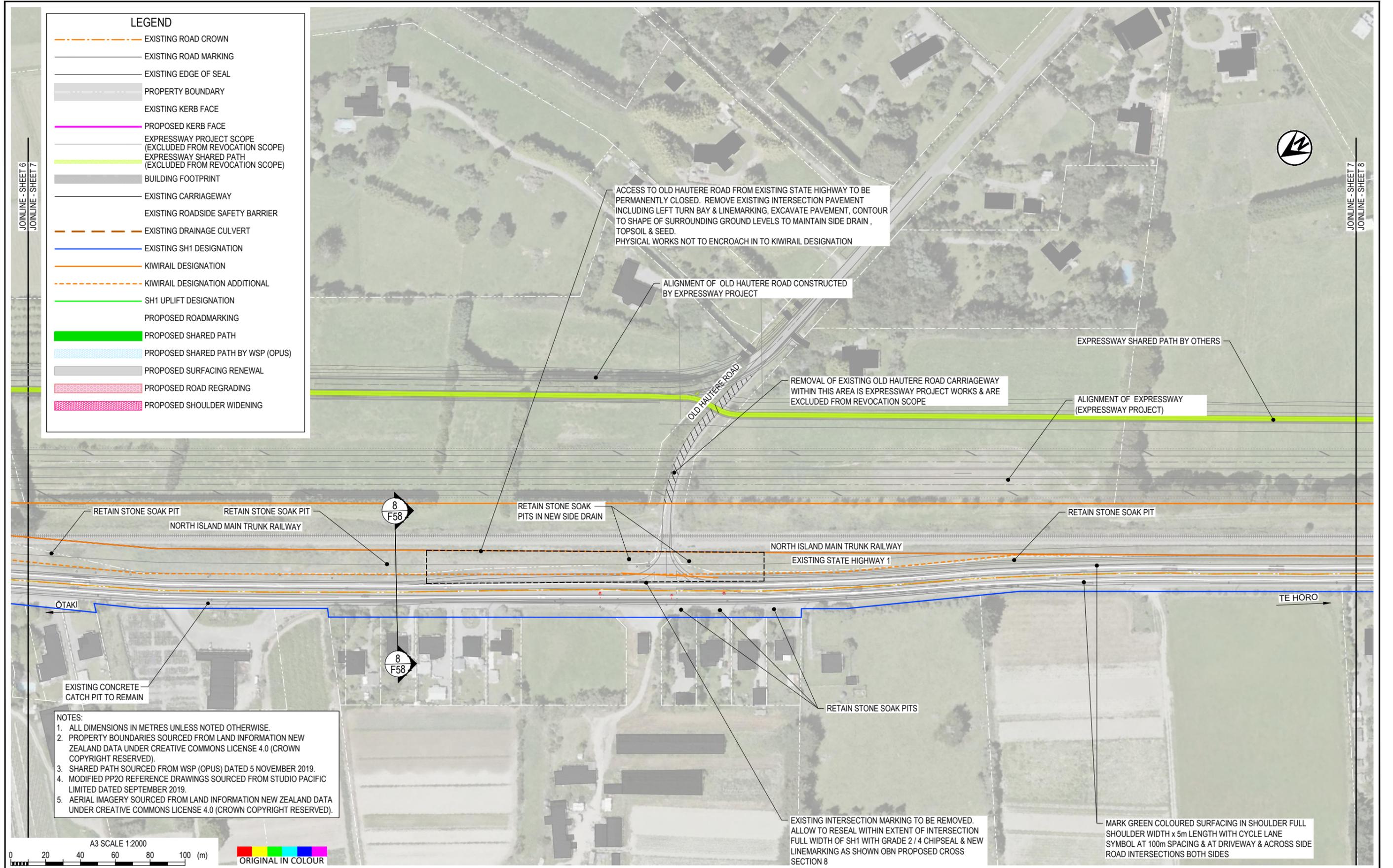
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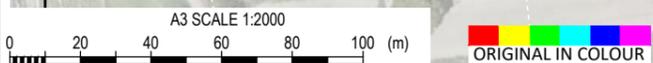
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CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN OPTIONS PLAN SHEET 5		
SCALE (A3)	1:2000	FIG No.	85920.0030-F014
		REV	1





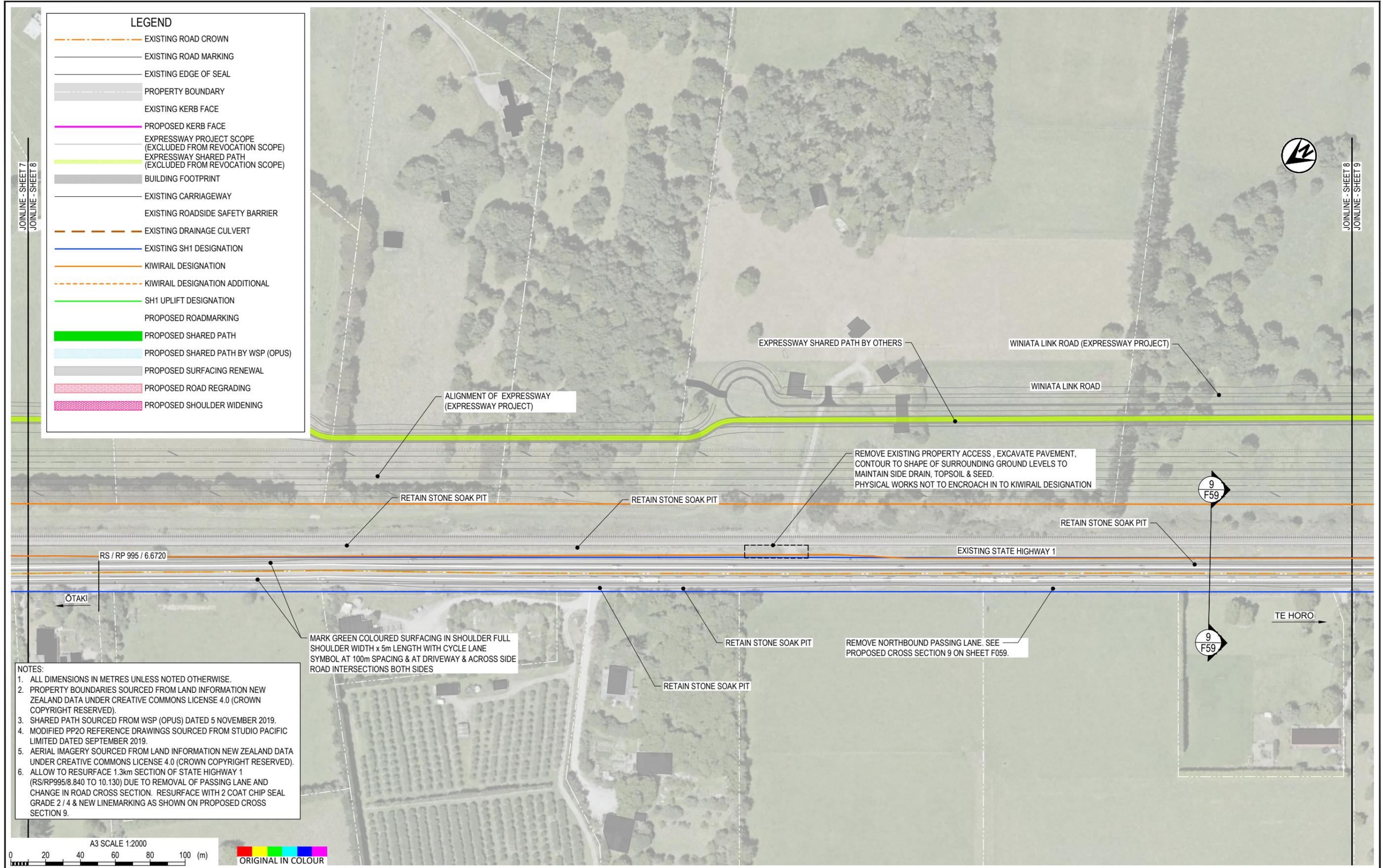
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CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN OPTIONS PLAN SHEET 7		
SCALE (A3)	1:2000	FIG No.	85920.0030-F016
REV	1		



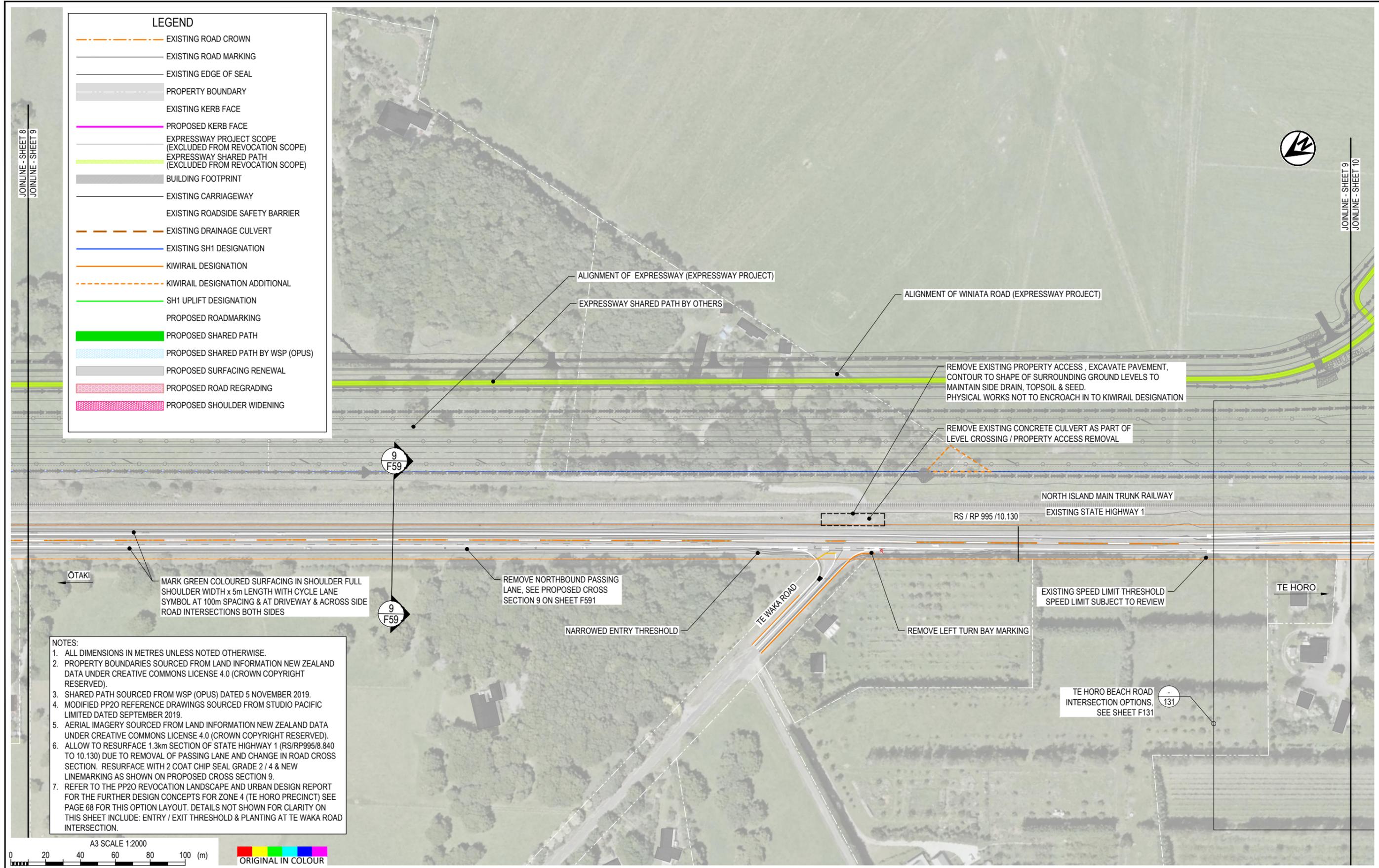
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 3. SHARED PATH SOURCED FROM WSP (OPUS) DATED 5 NOVEMBER 2019.
 4. MODIFIED PP2O REFERENCE DRAWINGS SOURCED FROM STUDIO PACIFIC LIMITED DATED SEPTEMBER 2019.
 5. AERIAL IMAGERY SOURCED FROM LAND INFORMATION NEW ZEALAND DATA UNDER CREATIVE COMMONS LICENSE 4.0 (CROWN COPYRIGHT RESERVED).
 6. ALLOW TO RESURFACE 1.3km SECTION OF STATE HIGHWAY 1 (RS/RP995/8.840 TO 10.130) DUE TO REMOVAL OF PASSING LANE AND CHANGE IN ROAD CROSS SECTION. RESURFACE WITH 2 COAT CHIP SEAL GRADE 2 / 4 & NEW LINEMARKING AS SHOWN ON PROPOSED CROSS SECTION 9.

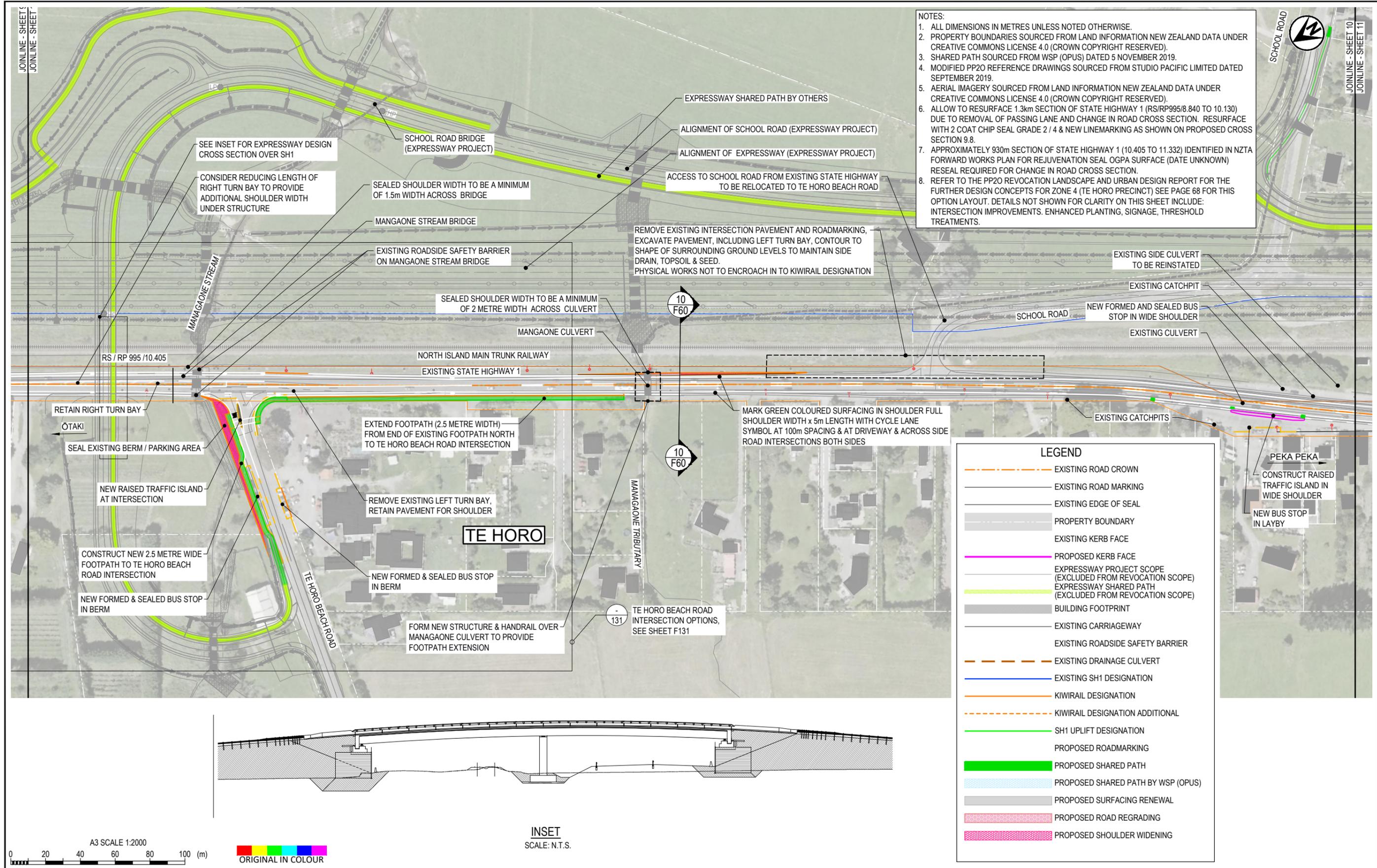


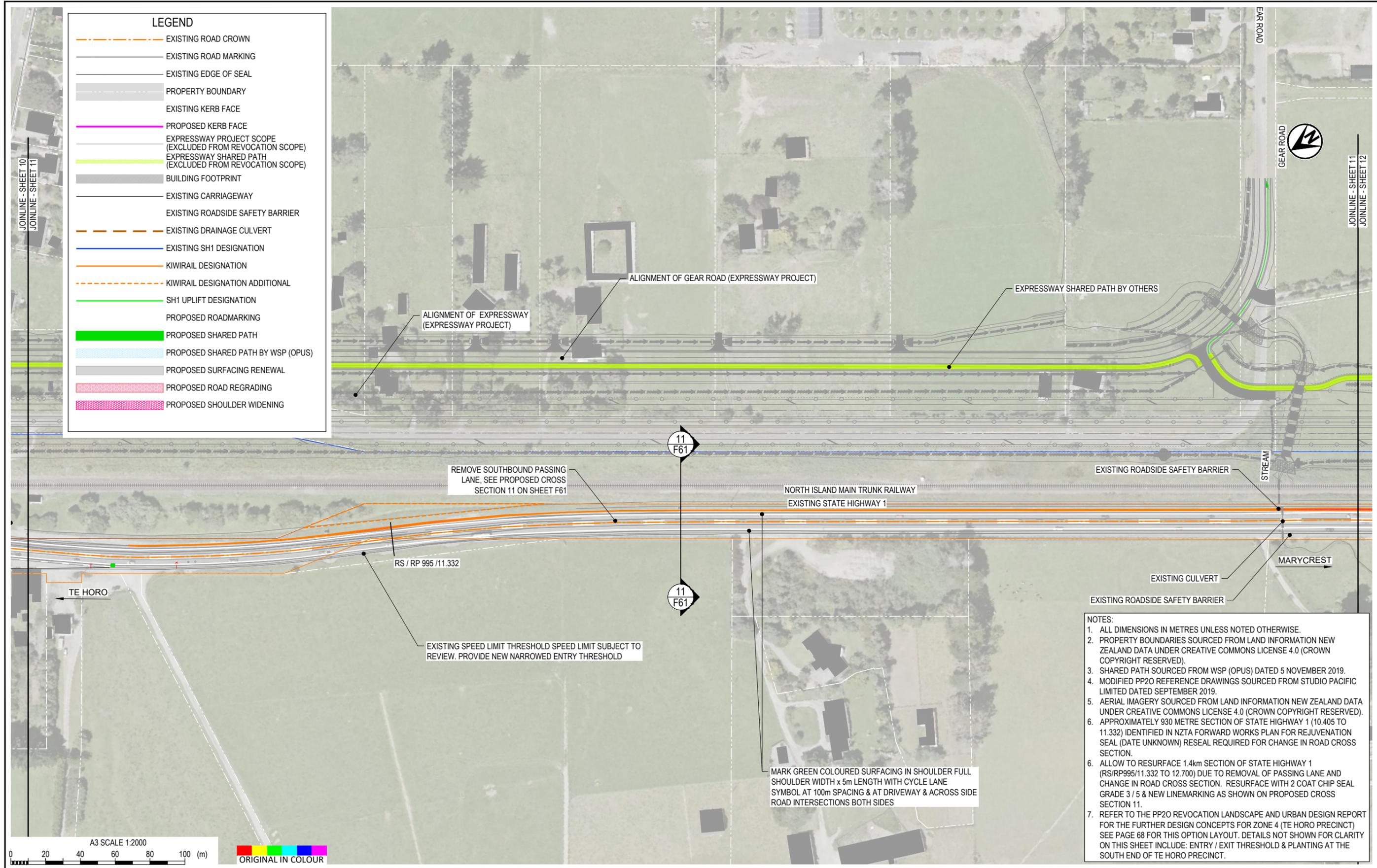
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CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN OPTIONS PLAN SHEET 8		
SCALE (A3)	1:2000	FIG No.	85920.0030-F017
REV	1		







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 5. AERIAL IMAGERY SOURCED FROM LAND INFORMATION NEW ZEALAND DATA UNDER CREATIVE COMMONS LICENSE 4.0 (CROWN COPYRIGHT RESERVED).
 6. APPROXIMATELY 930 METRE SECTION OF STATE HIGHWAY 1 (10.405 TO 11.332) IDENTIFIED IN NZTA FORWARD WORKS PLAN FOR REJUVENATION SEAL (DATE UNKNOWN) RESEAL REQUIRED FOR CHANGE IN ROAD CROSS SECTION.
 6. ALLOW TO RESURFACE 1.4km SECTION OF STATE HIGHWAY 1 (RS/RP995/11.332 TO 12.700) DUE TO REMOVAL OF PASSING LANE AND CHANGE IN ROAD CROSS SECTION. RESURFACE WITH 2 COAT CHIP SEAL GRADE 3 / 5 & NEW LINEMARKING AS SHOWN ON PROPOSED CROSS SECTION 11.
 7. REFER TO THE PP2O REVOCATION LANDSCAPE AND URBAN DESIGN REPORT FOR THE FURTHER DESIGN CONCEPTS FOR ZONE 4 (TE HORO PRECINCT) SEE PAGE 68 FOR THIS OPTION LAYOUT. DETAILS NOT SHOWN FOR CLARITY ON THIS SHEET INCLUDE: ENTRY / EXIT THRESHOLD & PLANTING AT THE SOUTH END OF TE HORO PRECINCT.

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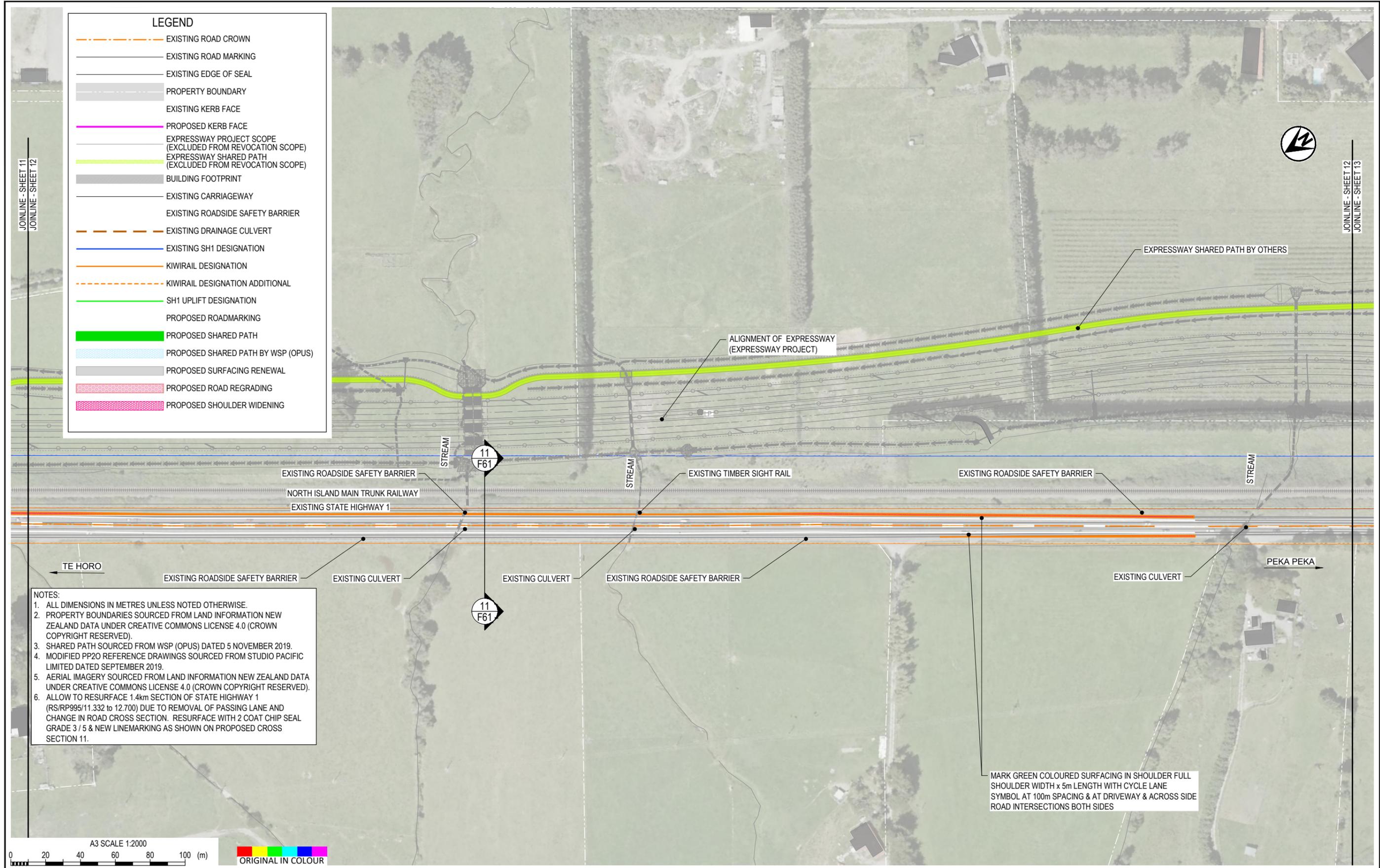
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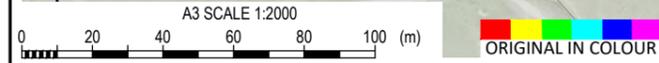
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CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN OPTIONS PLAN SHEET 11		
SCALE (A3)	1:2000	FIG No.	85920.0030-F020
REV	1		



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 6. ALLOW TO RESURFACE 1.4km SECTION OF STATE HIGHWAY 1 (RS/RP995/11.332 to 12.700) DUE TO REMOVAL OF PASSING LANE AND CHANGE IN ROAD CROSS SECTION. RESURFACE WITH 2 COAT CHIP SEAL GRADE 3 / 5 & NEW LINEMARKING AS SHOWN ON PROPOSED CROSS SECTION 11.

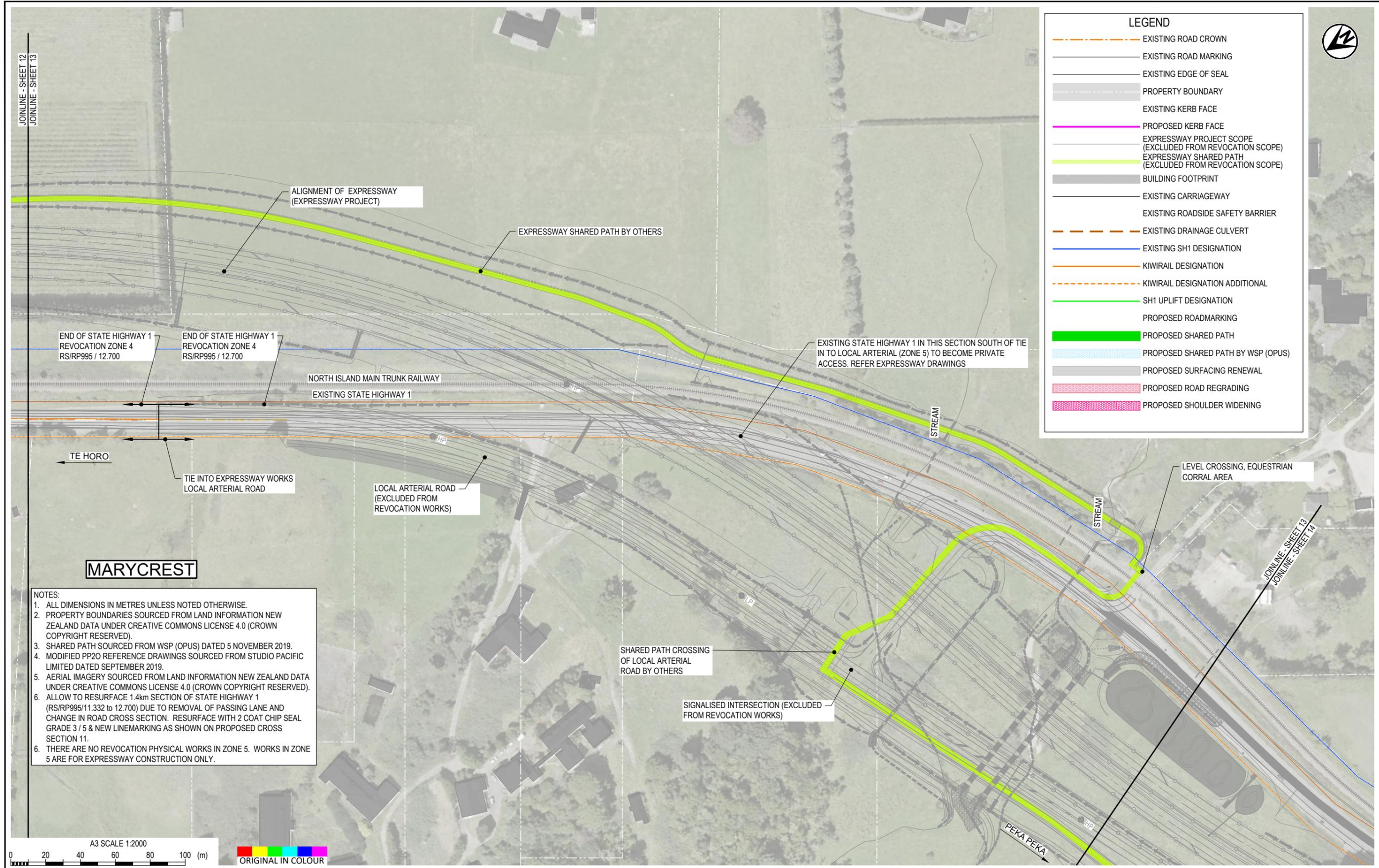
MARK GREEN COLOURED SURFACING IN SHOULDER FULL SHOULDER WIDTH x 5m LENGTH WITH CYCLE LANE SYMBOL AT 100m SPACING & AT DRIVEWAY & ACROSS SIDE ROAD INTERSECTIONS BOTH SIDES



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CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN OPTIONS PLAN SHEET 12		
SCALE (A3)	1:2000	FIG No.	85920.0030-F021
REV	1		



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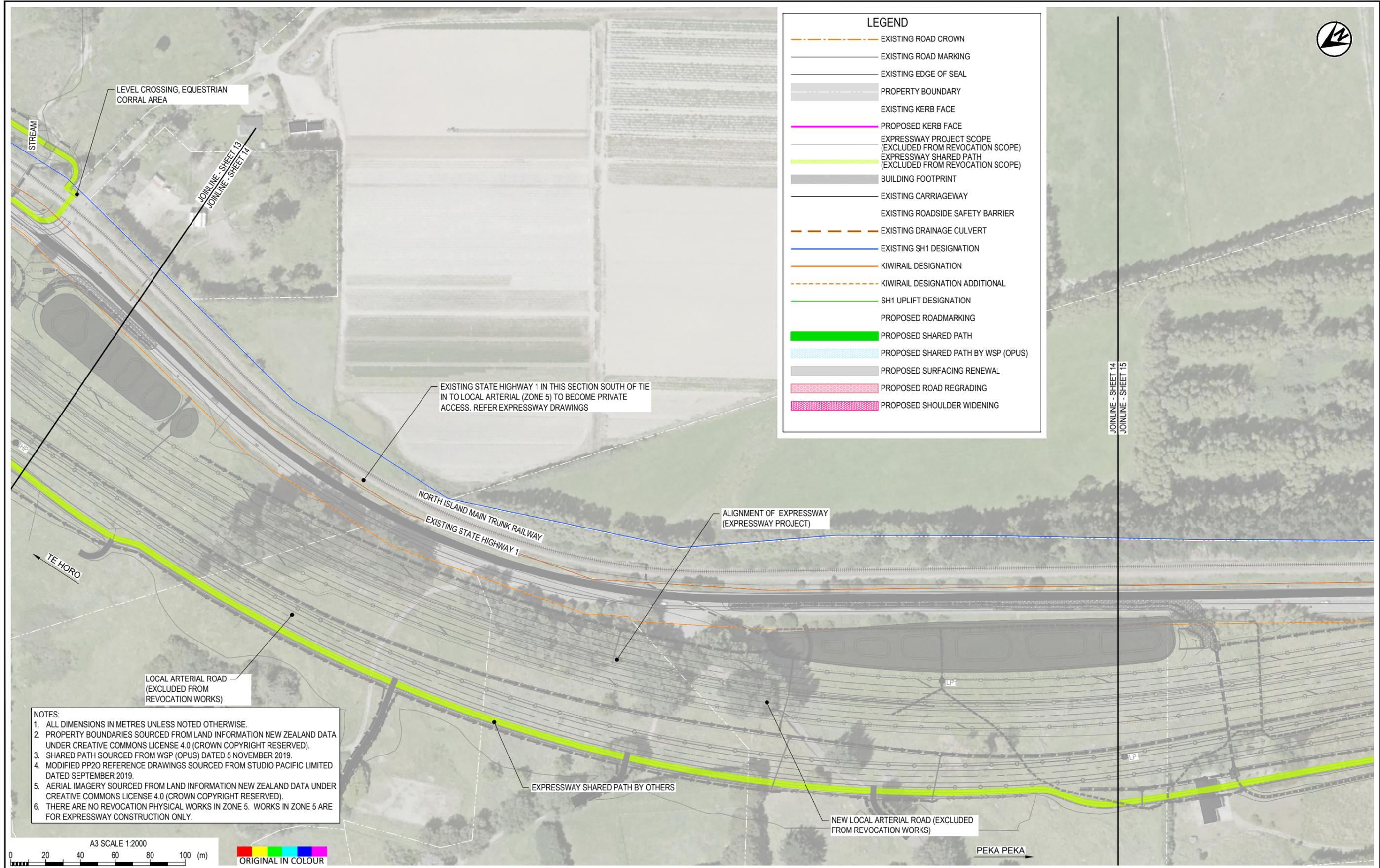
CLIENT **NZ TRANSPORT AGENCY**
PROJECT **PEKA PEKA TO OTAKI SH1 REVOCATION**

TITLE **PROJECT SCOPE CONCEPT DESIGN
OPTIONS PLAN SHEET 13**

SCALE (A3) 1:2000 FIG No. 85920.0030-F022

APPROVED DATE

REV 1



LEGEND

- EXISTING ROAD CROWN
- EXISTING ROAD MARKING
- EXISTING EDGE OF SEAL
- PROPERTY BOUNDARY
- EXISTING KERB FACE
- PROPOSED KERB FACE
- EXPRESSWAY PROJECT SCOPE (EXCLUDED FROM REVOCATION SCOPE)
- EXPRESSWAY SHARED PATH (EXCLUDED FROM REVOCATION SCOPE)
- BUILDING FOOTPRINT
- EXISTING CARRIAGEWAY
- EXISTING ROADSIDE SAFETY BARRIER
- EXISTING DRAINAGE CULVERT
- EXISTING SH1 DESIGNATION
- KIWRAIL DESIGNATION
- KIWRAIL DESIGNATION ADDITIONAL
- SH1 UPLIFT DESIGNATION
- PROPOSED ROADMARKING
- PROPOSED SHARED PATH
- PROPOSED SHARED PATH BY WSP (OPUS)
- PROPOSED SURFACING RENEWAL
- PROPOSED ROAD REGRADING
- PROPOSED SHOULDER WIDENING

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 5. AERIAL IMAGERY SOURCED FROM LAND INFORMATION NEW ZEALAND DATA UNDER CREATIVE COMMONS LICENSE 4.0 (CROWN COPYRIGHT RESERVED).
 6. THERE ARE NO REVOCATION PHYSICAL WORKS IN ZONE 5. WORKS IN ZONE 5 ARE FOR EXPRESSWAY CONSTRUCTION ONLY.



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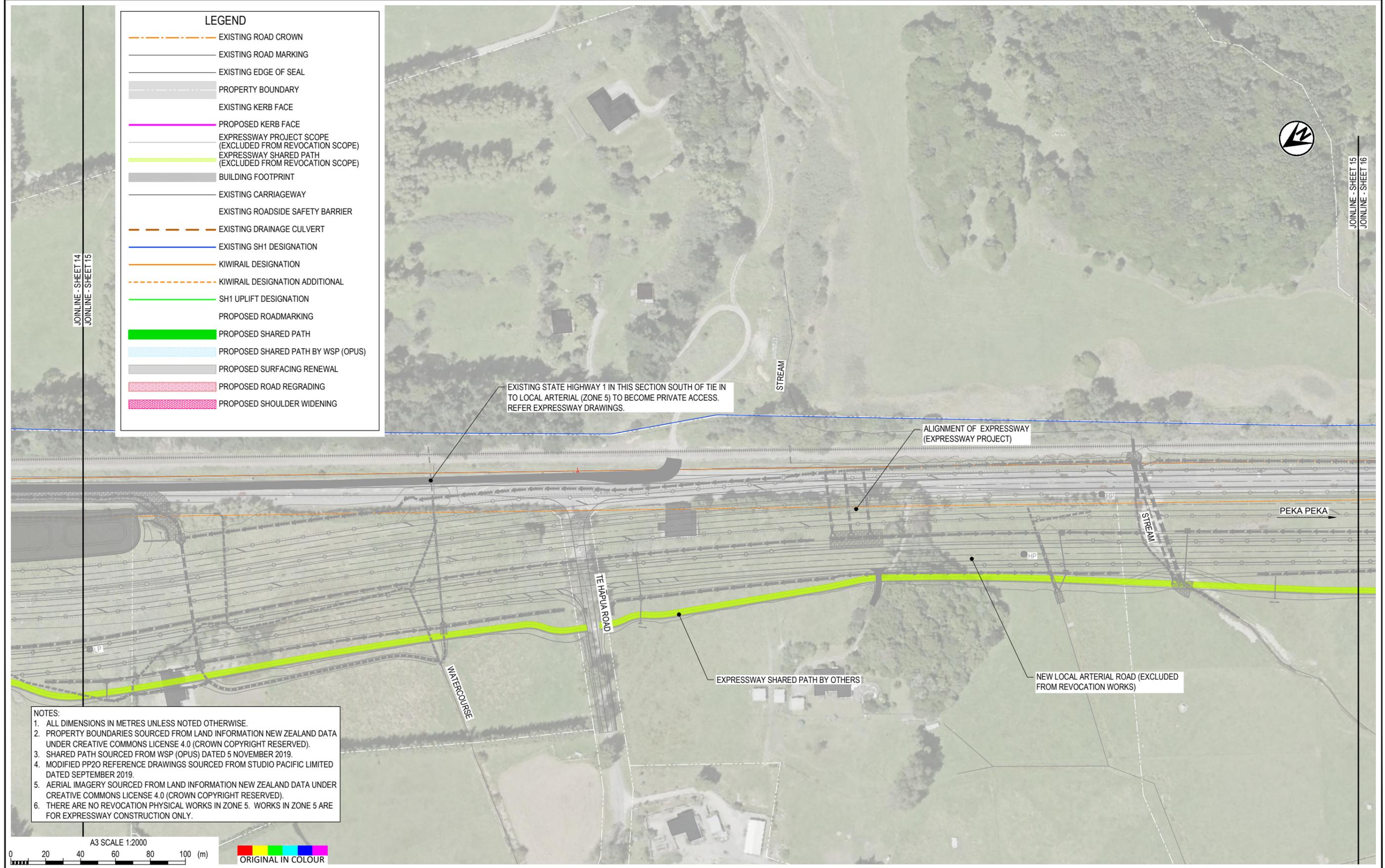
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PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN OPTIONS PLAN SHEET 14		
SCALE (A3)	1:2000	FIG No.	85920.0030-F023
		REV	1



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CLIENT NZ TRANSPORT AGENCY

PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

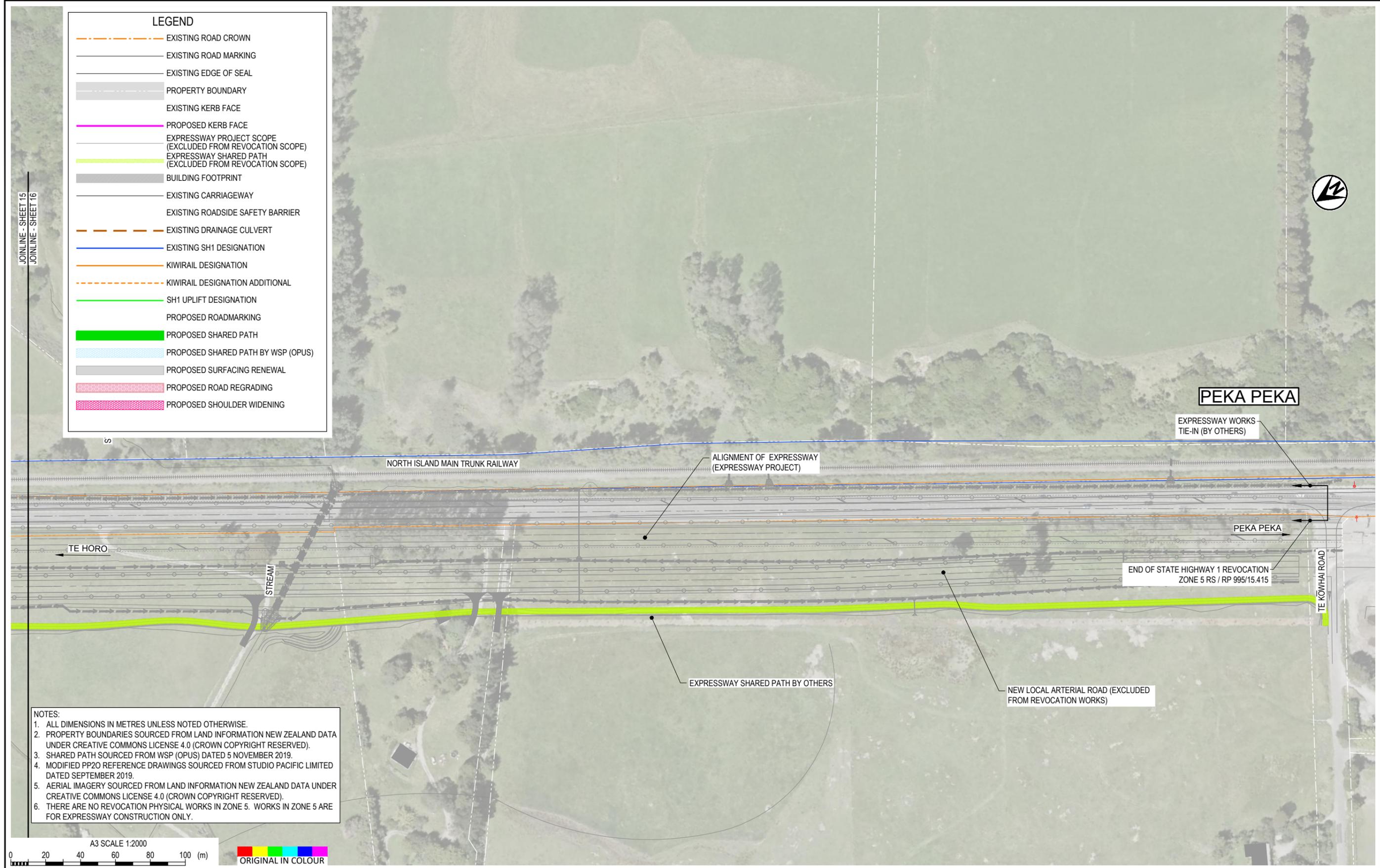
TITLE PROJECT SCOPE CONCEPT DESIGN
OPTIONS PLAN SHEET 15

SCALE (A3) 1:2000

FIG No. 85920.0030-F024

REV 1

APPROVED DATE



LEGEND

- EXISTING ROAD CROWN
- EXISTING ROAD MARKING
- EXISTING EDGE OF SEAL
- PROPERTY BOUNDARY
- EXISTING KERB FACE
- PROPOSED KERB FACE
- EXPRESSWAY PROJECT SCOPE (EXCLUDED FROM REVOCATION SCOPE)
- EXPRESSWAY SHARED PATH (EXCLUDED FROM REVOCATION SCOPE)
- BUILDING FOOTPRINT
- EXISTING CARRIAGEWAY
- EXISTING ROADSIDE SAFETY BARRIER
- EXISTING DRAINAGE CULVERT
- EXISTING SH1 DESIGNATION
- KIWIRAIL DESIGNATION
- KIWIRAIL DESIGNATION ADDITIONAL
- SH1 UPLIFT DESIGNATION
- PROPOSED ROADMARKING
- PROPOSED SHARED PATH
- PROPOSED SHARED PATH BY WSP (OPUS)
- PROPOSED SURFACING RENEWAL
- PROPOSED ROAD REGRADING
- PROPOSED SHOULDER WIDENING

NOTES:

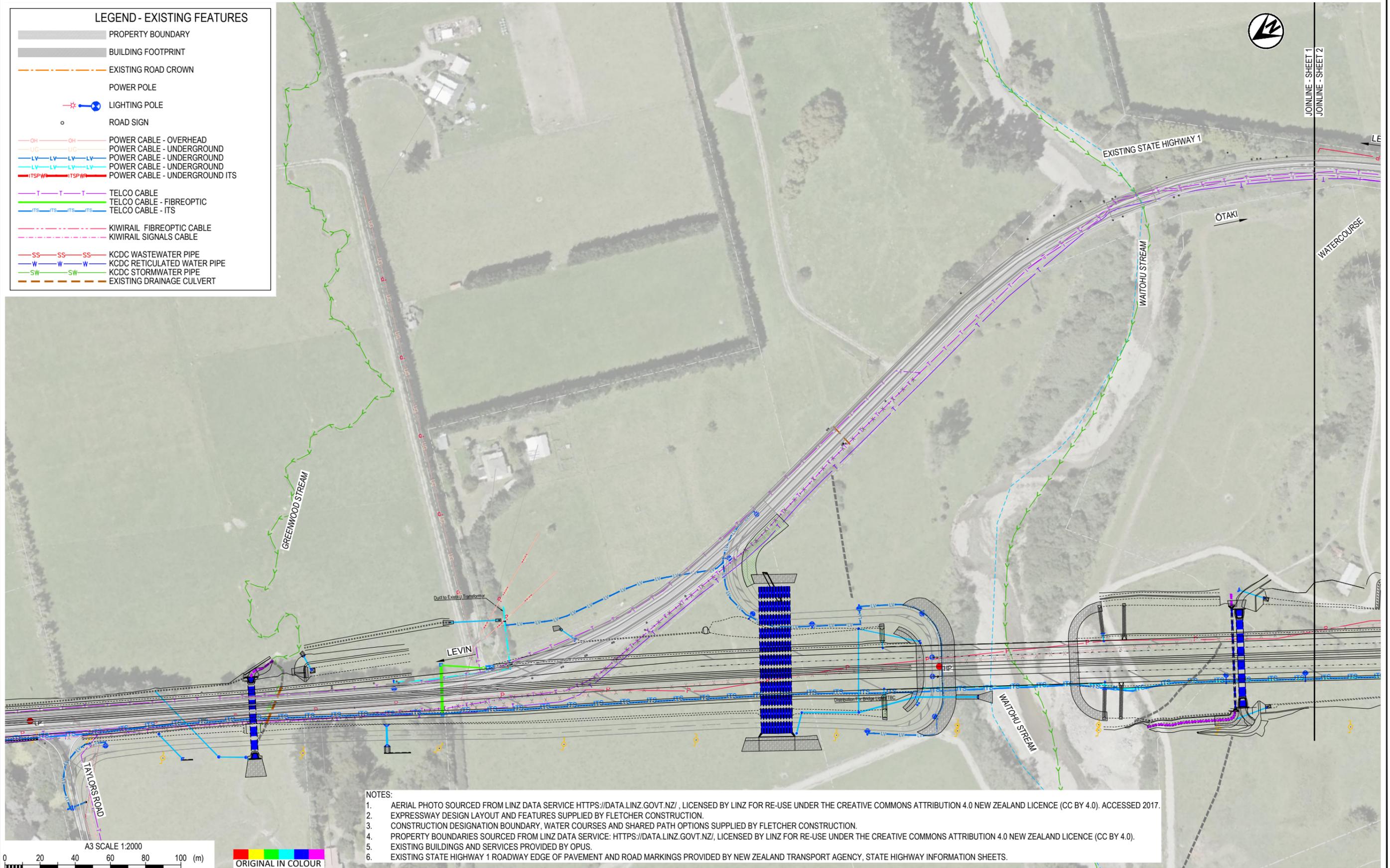
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4. MODIFIED PP20 REFERENCE DRAWINGS SOURCED FROM STUDIO PACIFIC LIMITED DATED SEPTEMBER 2019.
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PROJECT No. 00085920.003		
DESIGNED	CYSA	Nov.19
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APPROVED		DATE

CLIENT	NZ TRANSPORT AGENCY	
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION	
TITLE	PROJECT SCOPE CONCEPT DESIGN OPTIONS PLAN SHEET 16	
SCALE (A3)	1:2000	FIG No. 85920.0030-F025
		REV 1



LEGEND - EXISTING FEATURES

	PROPERTY BOUNDARY
	BUILDING FOOTPRINT
	EXISTING ROAD CROWN
	POWER POLE
	LIGHTING POLE
	ROAD SIGN
	POWER CABLE - OVERHEAD
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND ITS
	TELCO CABLE
	TELCO CABLE - FIBREOPTIC
	TELCO CABLE - ITS
	KIWIRAIL FIBREOPTIC CABLE
	KIWIRAIL SIGNALS CABLE
	KCDC WASTEWATER PIPE
	KCDC RETICULATED WATER PIPE
	KCDC STORMWATER PIPE
	EXISTING DRAINAGE CULVERT

- NOTES:**
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 6. EXISTING STATE HIGHWAY 1 ROADWAY EDGE OF PAVEMENT AND ROAD MARKINGS PROVIDED BY NEW ZEALAND TRANSPORT AGENCY, STATE HIGHWAY INFORMATION SHEETS.



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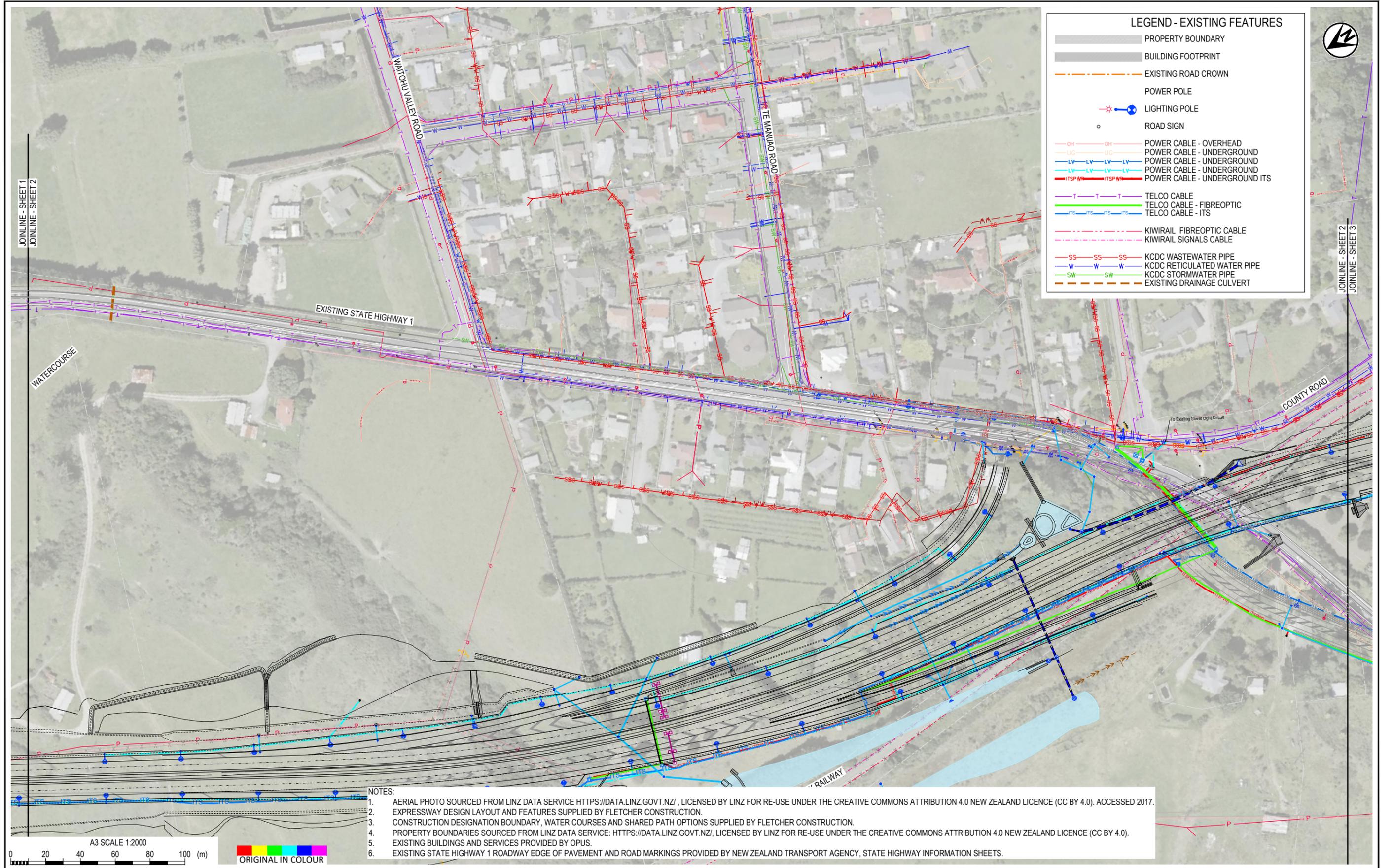
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PROJECT No. 00085920.0030		
DESIGNED	CYSA	Nov.19
DRAWN	BRMA	Nov.19
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APPROVED	DATE	

CLIENT	NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION
TITLE	PROJECT SCOPE CONCEPT DESIGN EXISTING SERVICES PLAN SHEET 1
SCALE (A3)	1:2000
FIG No.	85920.0030-F026
REV	1



LEGEND - EXISTING FEATURES

	PROPERTY BOUNDARY
	BUILDING FOOTPRINT
	EXISTING ROAD CROWN
	POWER POLE
	LIGHTING POLE
	ROAD SIGN
	POWER CABLE - OVERHEAD
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND ITS
	TELCO CABLE
	TELCO CABLE - FIBREOPTIC
	TELCO CABLE - ITS
	KIWRAIL FIBREOPTIC CABLE
	KIWRAIL SIGNALS CABLE
	KCDC WASTEWATER PIPE
	KCDC RETICULATED WATER PIPE
	KCDC STORMWATER PIPE
	EXISTING DRAINAGE CULVERT

- NOTES:**
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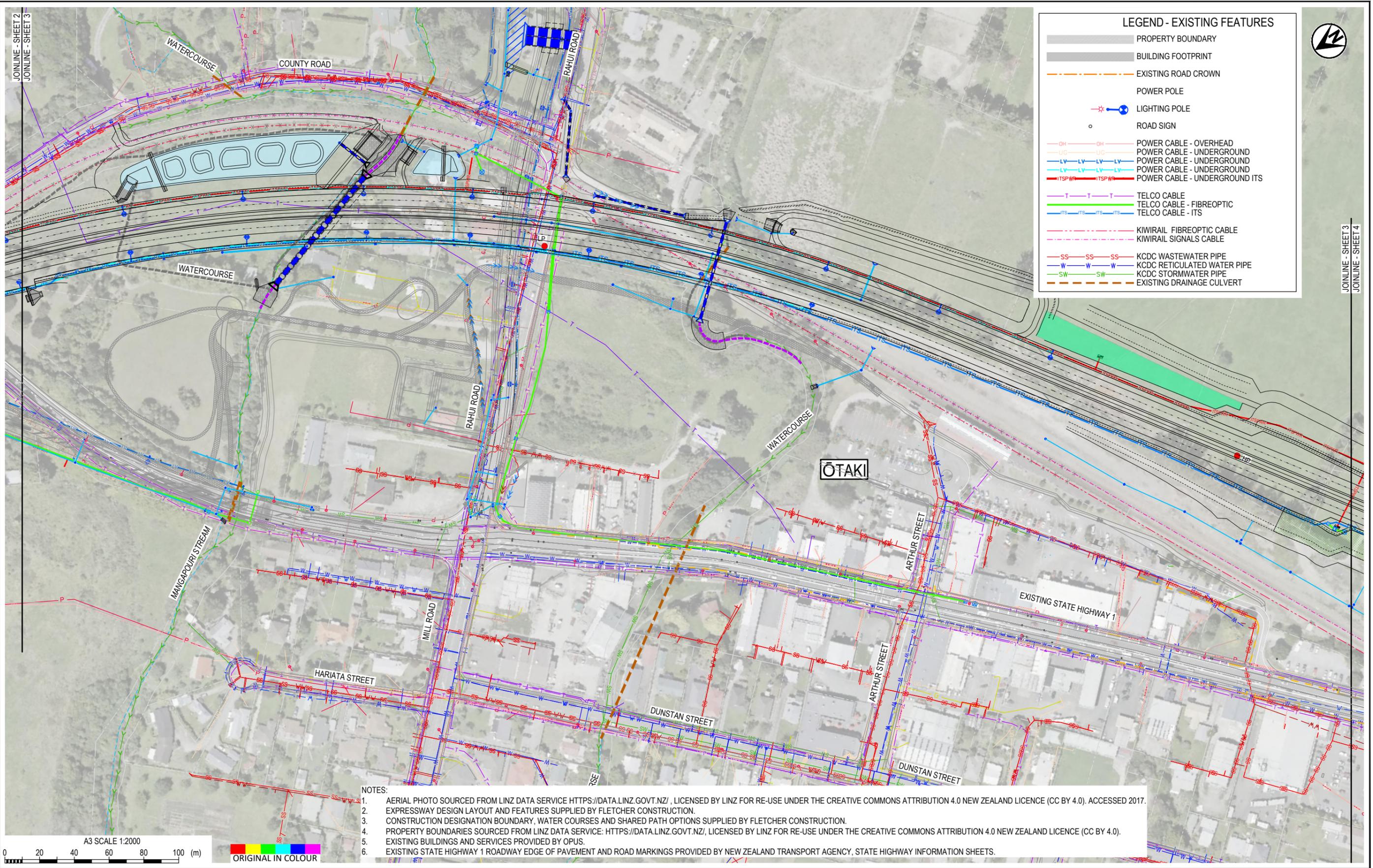
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PROJECT No. 00085920.0030		
DESIGNED	CYSA	Nov.19
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CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN EXISTING SERVICES PLAN SHEET 2		
SCALE (A3)	1:2000	FIG No.	85920.0030-F027
		REV	1



JOINLINE - SHEET 2
JOINLINE - SHEET 3

JOINLINE - SHEET 3
JOINLINE - SHEET 4

LEGEND - EXISTING FEATURES

	PROPERTY BOUNDARY
	BUILDING FOOTPRINT
	EXISTING ROAD CROWN
	POWER POLE
	LIGHTING POLE
	ROAD SIGN
	POWER CABLE - OVERHEAD
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND ITS
	TELCO CABLE
	TELCO CABLE - FIBREOPTIC
	TELCO CABLE - ITS
	KIWIRAIL FIBREOPTIC CABLE
	KIWIRAIL SIGNALS CABLE
	KCDC WASTEWATER PIPE
	KCDC RETICULATED WATER PIPE
	KCDC STORMWATER PIPE
	EXISTING DRAINAGE CULVERT

NOTES:

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A3 SCALE 1:2000
0 20 40 60 80 100 (m)
ORIGINAL IN COLOUR

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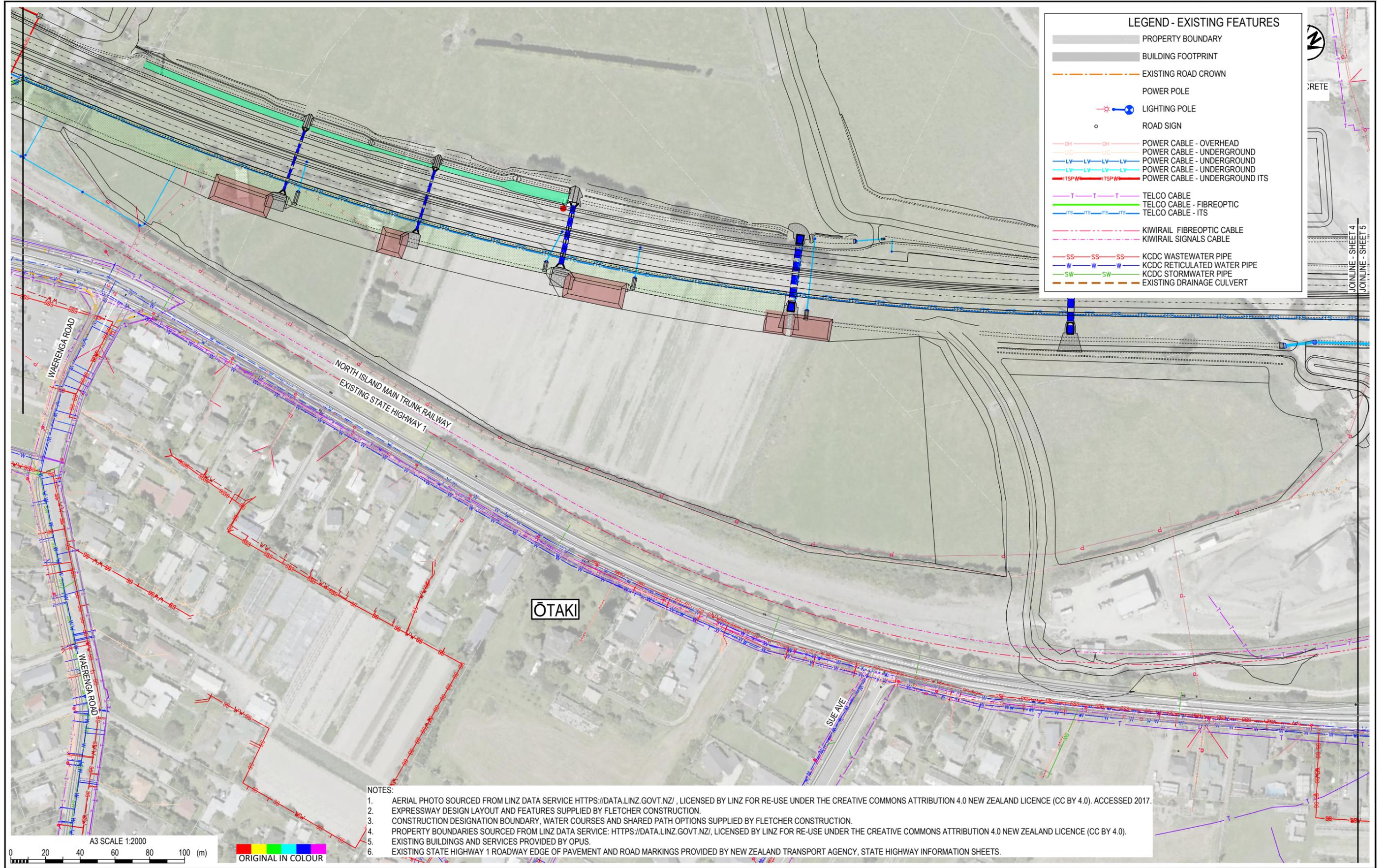
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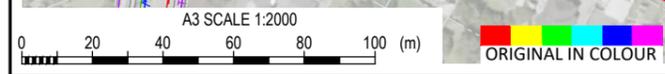
CLIENT	NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION
TITLE	PROJECT SCOPE CONCEPT DESIGN EXISTING SERVICES PLAN SHEET 3
SCALE (A3)	1:2000
FIG No.	85920.0030-F028
REV	1



LEGEND - EXISTING FEATURES

	PROPERTY BOUNDARY
	BUILDING FOOTPRINT
	EXISTING ROAD CROWN
	POWER POLE
	LIGHTING POLE
	ROAD SIGN
	POWER CABLE - OVERHEAD
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND ITS
	TELCO CABLE
	TELCO CABLE - FIBREOPTIC
	TELCO CABLE - ITS
	KIWRAIL FIBREOPTIC CABLE
	KIWRAIL SIGNALS CABLE
	KCDC WASTEWATER PIPE
	KCDC RETICULATED WATER PIPE
	KCDC STORMWATER PIPE
	EXISTING DRAINAGE CULVERT

- NOTES:**
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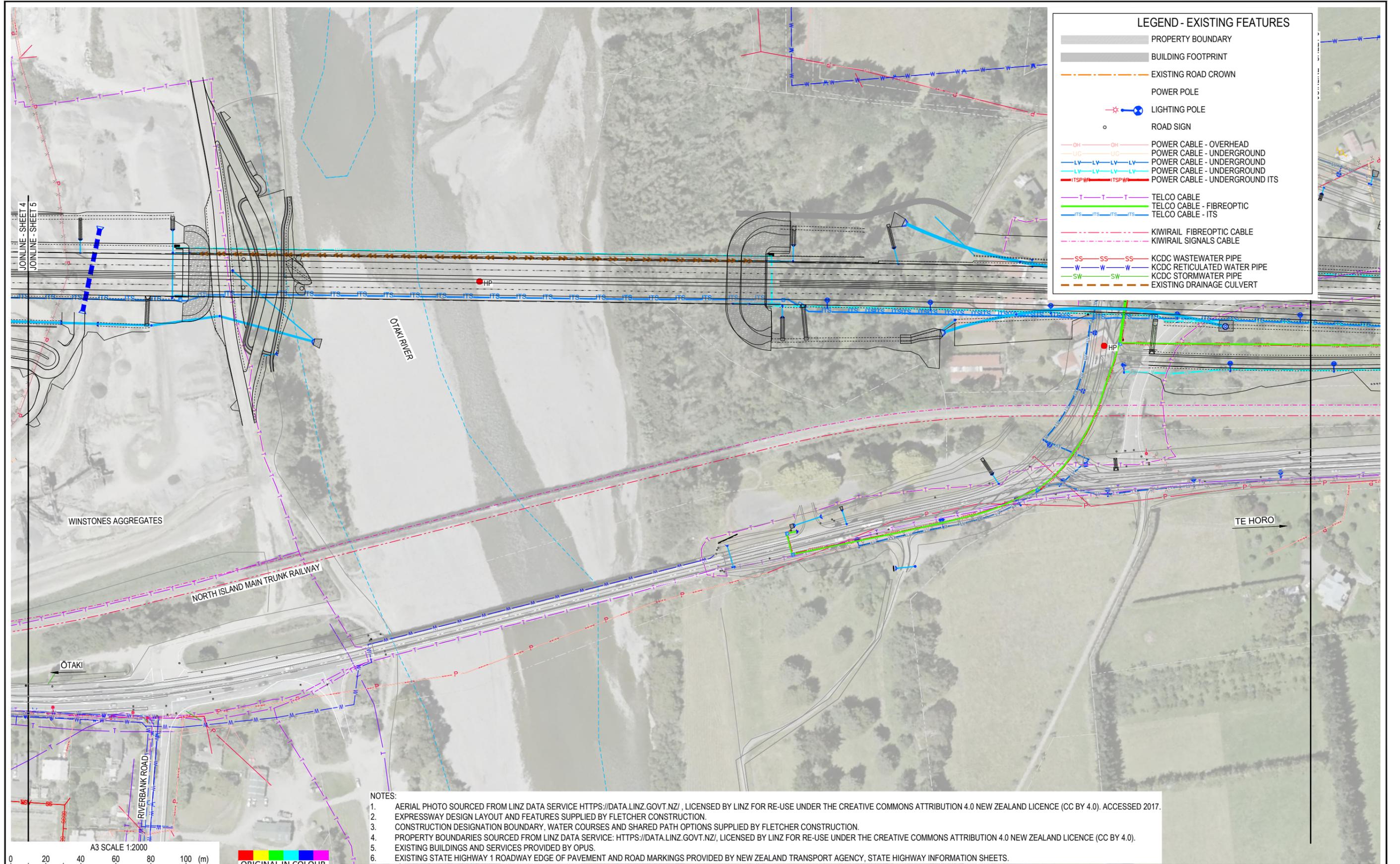
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PROJECT No. 00085920.0030		
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CLIENT	NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION
TITLE	PROJECT SCOPE CONCEPT DESIGN EXISTING SERVICES PLAN SHEET 4
SCALE (A3)	1:2000
FIG No.	85920.0030-F029
REV	1



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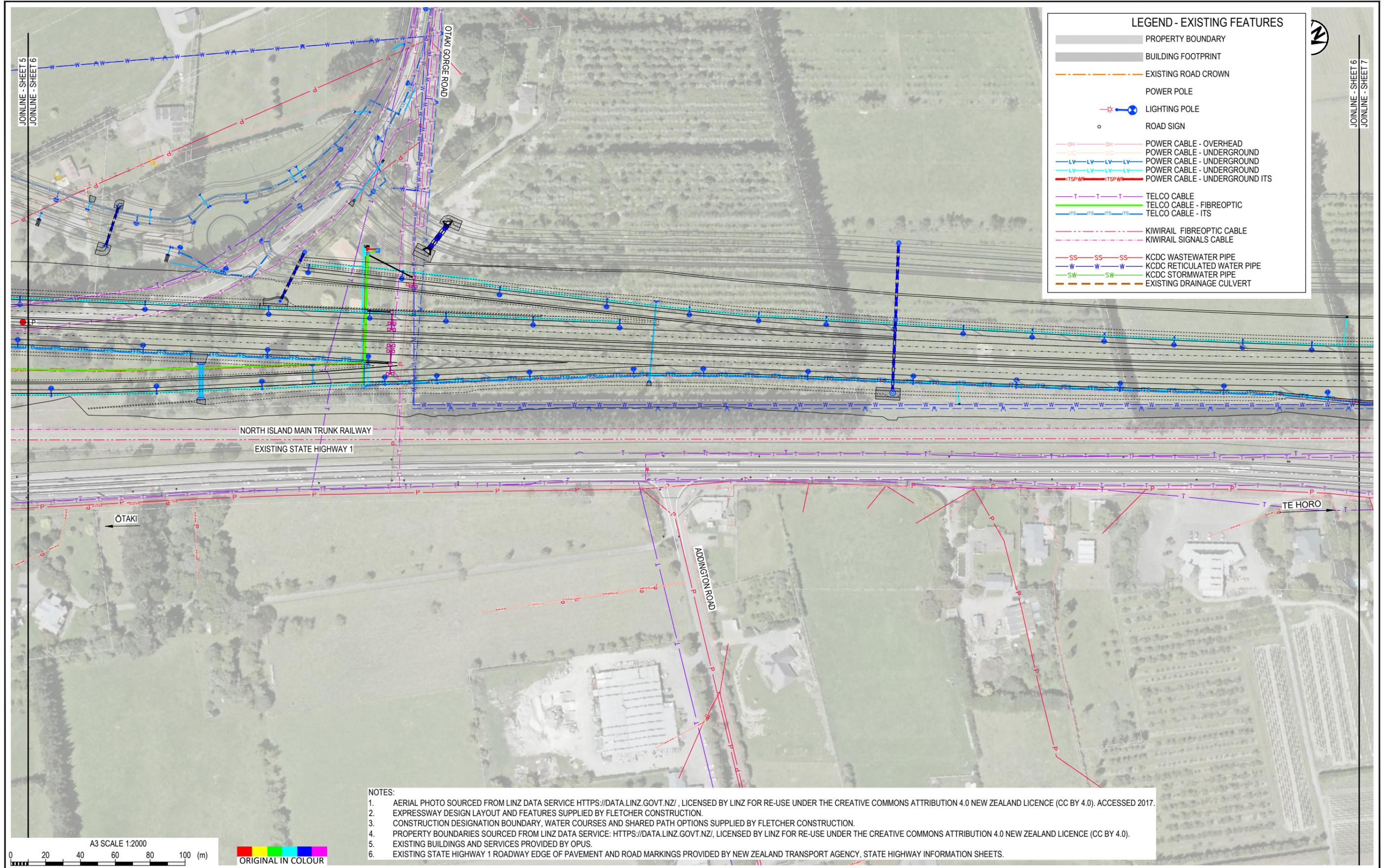
PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
EXISTING SERVICES PLAN SHEET 5

SCALE (A3) 1:2000

FIG No. 85920.0030-F030

REV 1



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PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

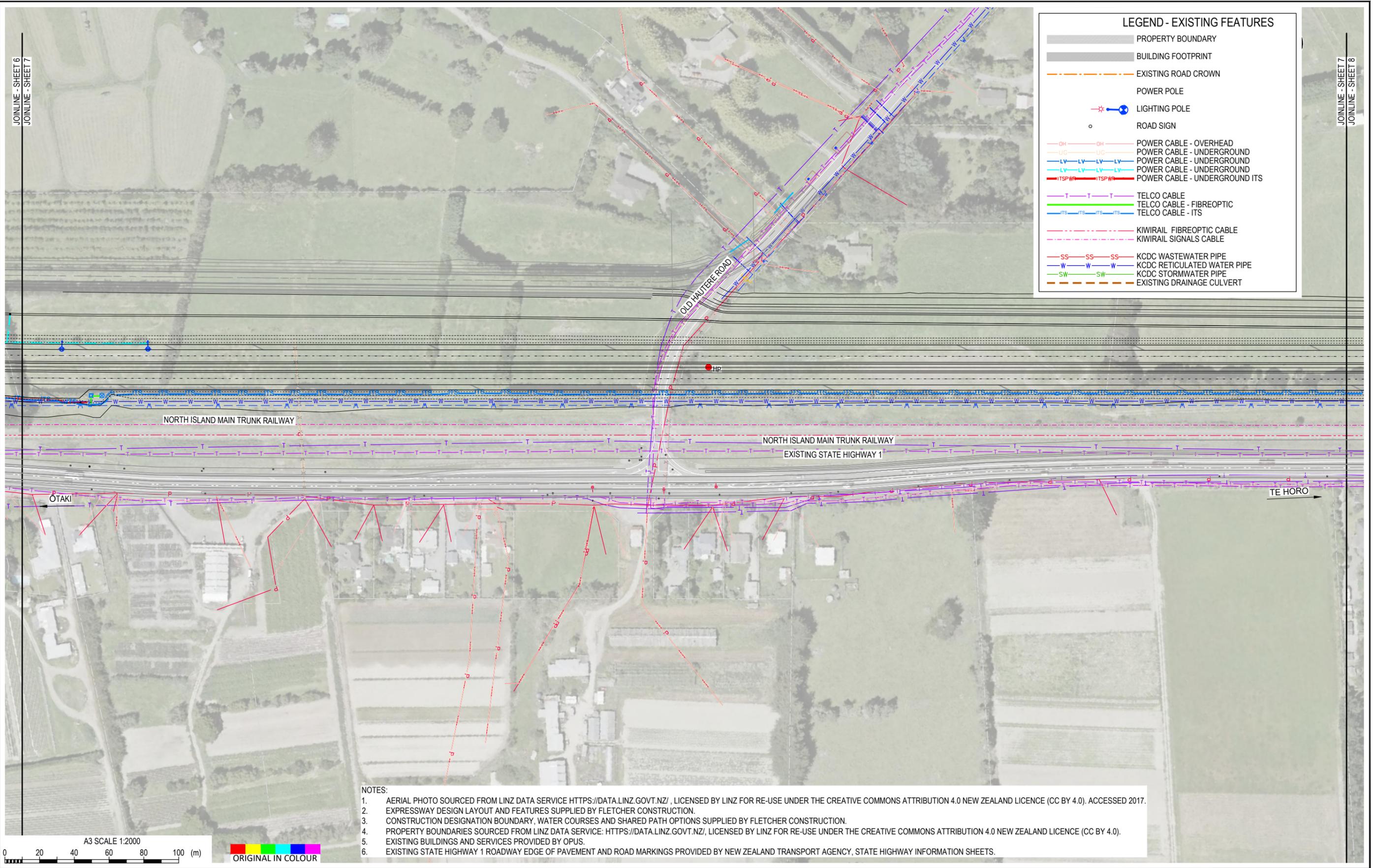
TITLE PROJECT SCOPE CONCEPT DESIGN
EXISTING SERVICES PLAN SHEET 6

SCALE (A3) 1:2000

FIG No. 85920.0030-F031

REV 1

APPROVED DATE



LEGEND - EXISTING FEATURES

[Grey line]	PROPERTY BOUNDARY
[Grey rectangle]	BUILDING FOOTPRINT
[Dashed orange line]	EXISTING ROAD CROWN
[Red line with cross]	POWER POLE
[Blue line with circle]	LIGHTING POLE
[Red circle]	ROAD SIGN
[Red line with OH]	POWER CABLE - OVERHEAD
[Orange line with UG]	POWER CABLE - UNDERGROUND
[Blue line with LV]	POWER CABLE - UNDERGROUND
[Cyan line with LV]	POWER CABLE - UNDERGROUND
[Red line with ITS]	POWER CABLE - UNDERGROUND ITS
[Purple line with T]	TELCO CABLE
[Green line with T]	TELCO CABLE - FIBREOPTIC
[Blue line with ITS]	TELCO CABLE - ITS
[Red dashed line]	KIWRAIL FIBREOPTIC CABLE
[Pink dashed line]	KIWRAIL SIGNALS CABLE
[Red line with SS]	KCDC WASTEWATER PIPE
[Blue line with W]	KCDC RETICULATED WATER PIPE
[Green line with SW]	KCDC STORMWATER PIPE
[Orange dashed line]	EXISTING DRAINAGE CULVERT

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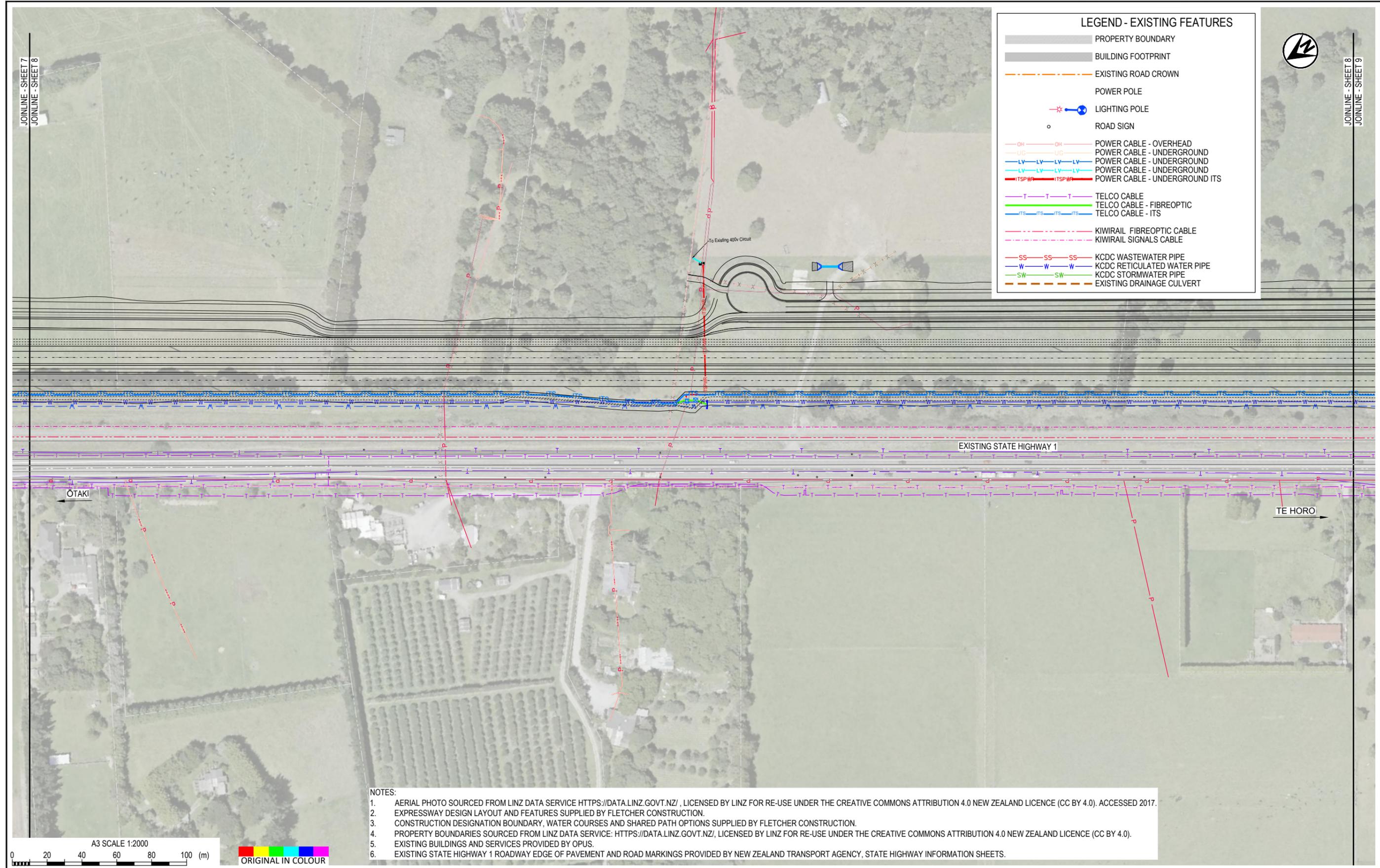
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PROJECT No. 00085920.0030		
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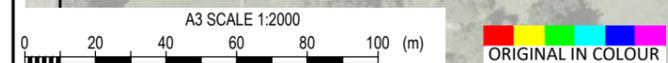
CLIENT	NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION
TITLE	PROJECT SCOPE CONCEPT DESIGN EXISTING SERVICES PLAN SHEET 7
SCALE (A3)	1:2000
FIG No.	85920.0030-F032
REV	1



LEGEND - EXISTING FEATURES

	PROPERTY BOUNDARY
	BUILDING FOOTPRINT
	EXISTING ROAD CROWN
	POWER POLE
	LIGHTING POLE
	ROAD SIGN
	POWER CABLE - OVERHEAD
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND ITS
	TELCO CABLE
	TELCO CABLE - FIBREOPTIC
	TELCO CABLE - ITS
	KIWRAIL FIBREOPTIC CABLE
	KIWRAIL SIGNALS CABLE
	KCDC WASTEWATER PIPE
	KCDC RETICULATED WATER PIPE
	KCDC STORMWATER PIPE
	EXISTING DRAINAGE CULVERT

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PROJECT No. 00085920.0030		
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DRAWN	BRMA	Nov.19
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APPROVED	DATE	

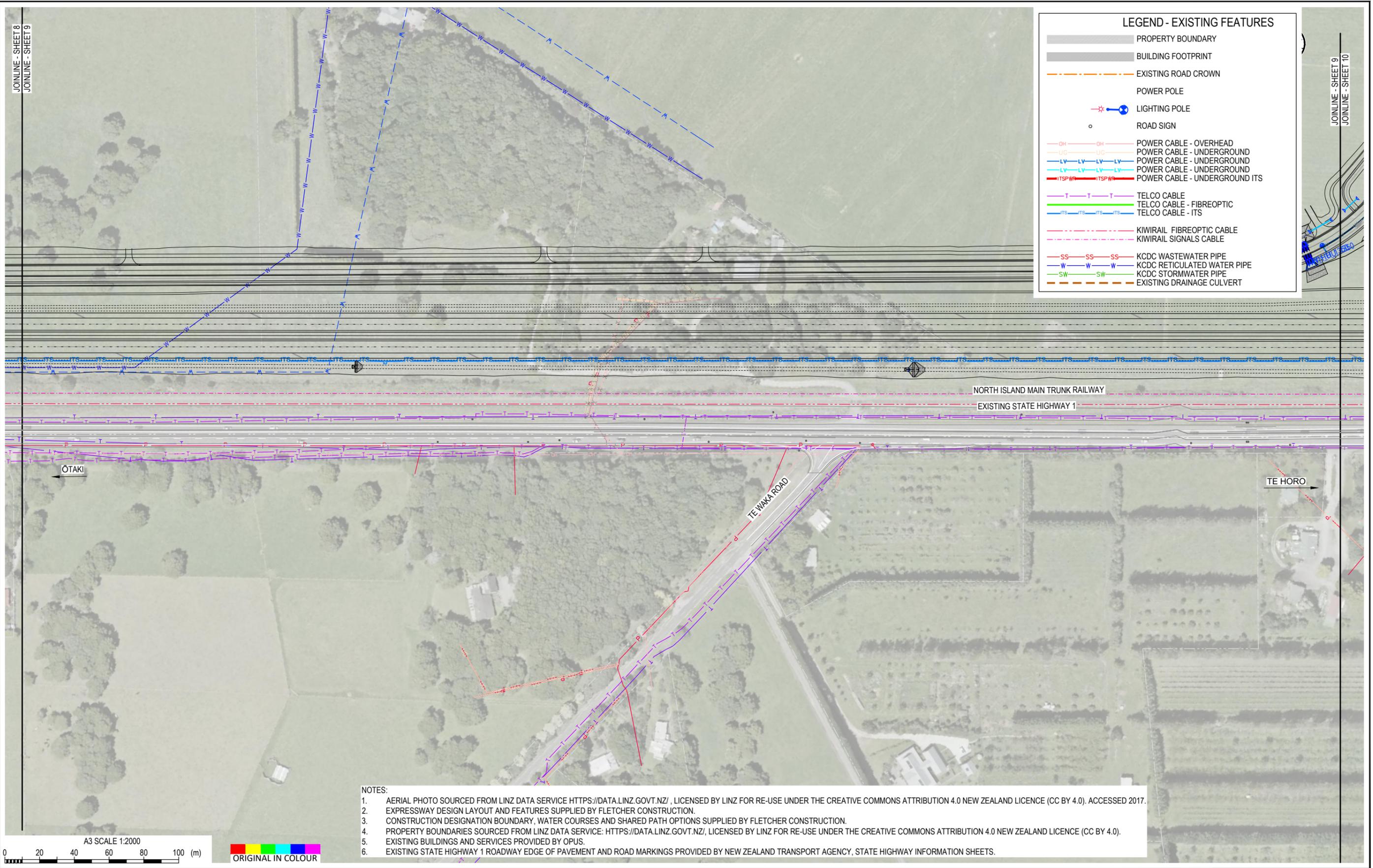
CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN EXISTING SERVICES PLAN SHEET 8		
SCALE (A3)	1:2000	FIG No.	85920.0030-F033
REV	1		

JOINLINE - SHEET 8
JOINLINE - SHEET 9

JOINLINE - SHEET 9
JOINLINE - SHEET 10

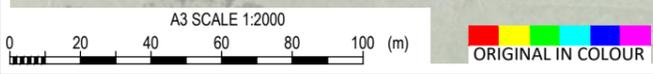
LEGEND - EXISTING FEATURES

- PROPERTY BOUNDARY
- BUILDING FOOTPRINT
- EXISTING ROAD CROWN
- POWER POLE
- LIGHTING POLE
- ROAD SIGN
- POWER CABLE - OVERHEAD
- POWER CABLE - UNDERGROUND
- POWER CABLE - UNDERGROUND
- POWER CABLE - UNDERGROUND
- POWER CABLE - UNDERGROUND ITS
- TELCO CABLE
- TELCO CABLE - FIBREOPTIC
- TELCO CABLE - ITS
- KIWIRAIL FIBREOPTIC CABLE
- KIWIRAIL SIGNALS CABLE
- KCDC WASTEWATER PIPE
- KCDC RETICULATED WATER PIPE
- KCDC STORMWATER PIPE
- EXISTING DRAINAGE CULVERT



NOTES:

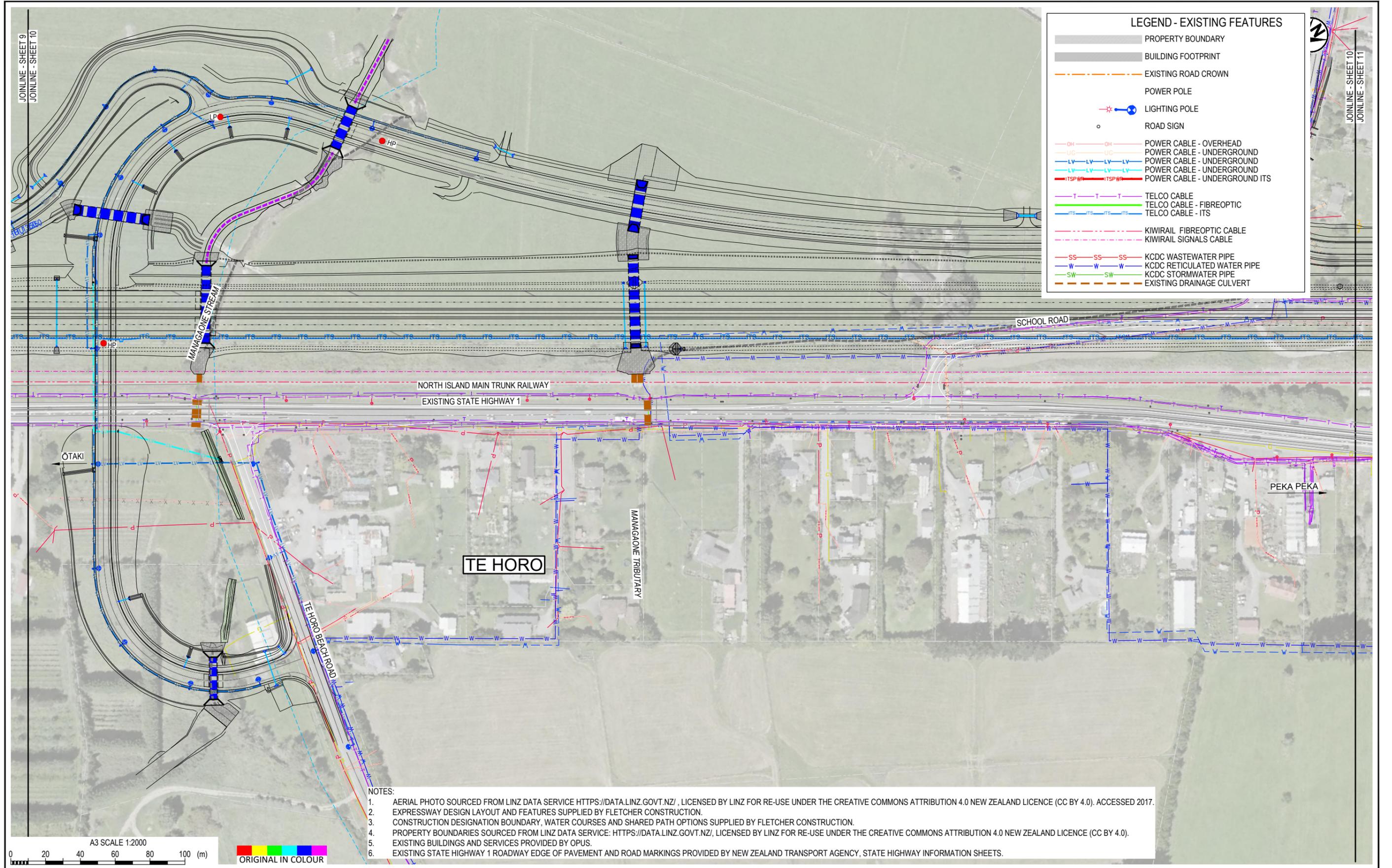
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PROJECT No. 00085920.0030		
DESIGNED	CYSA	Nov.19
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CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN EXISTING SERVICES PLAN SHEET 9		
SCALE (A3)	1:2000	FIG No.	85920.0030-F034
REV	1		



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CLIENT NZ TRANSPORT AGENCY

PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

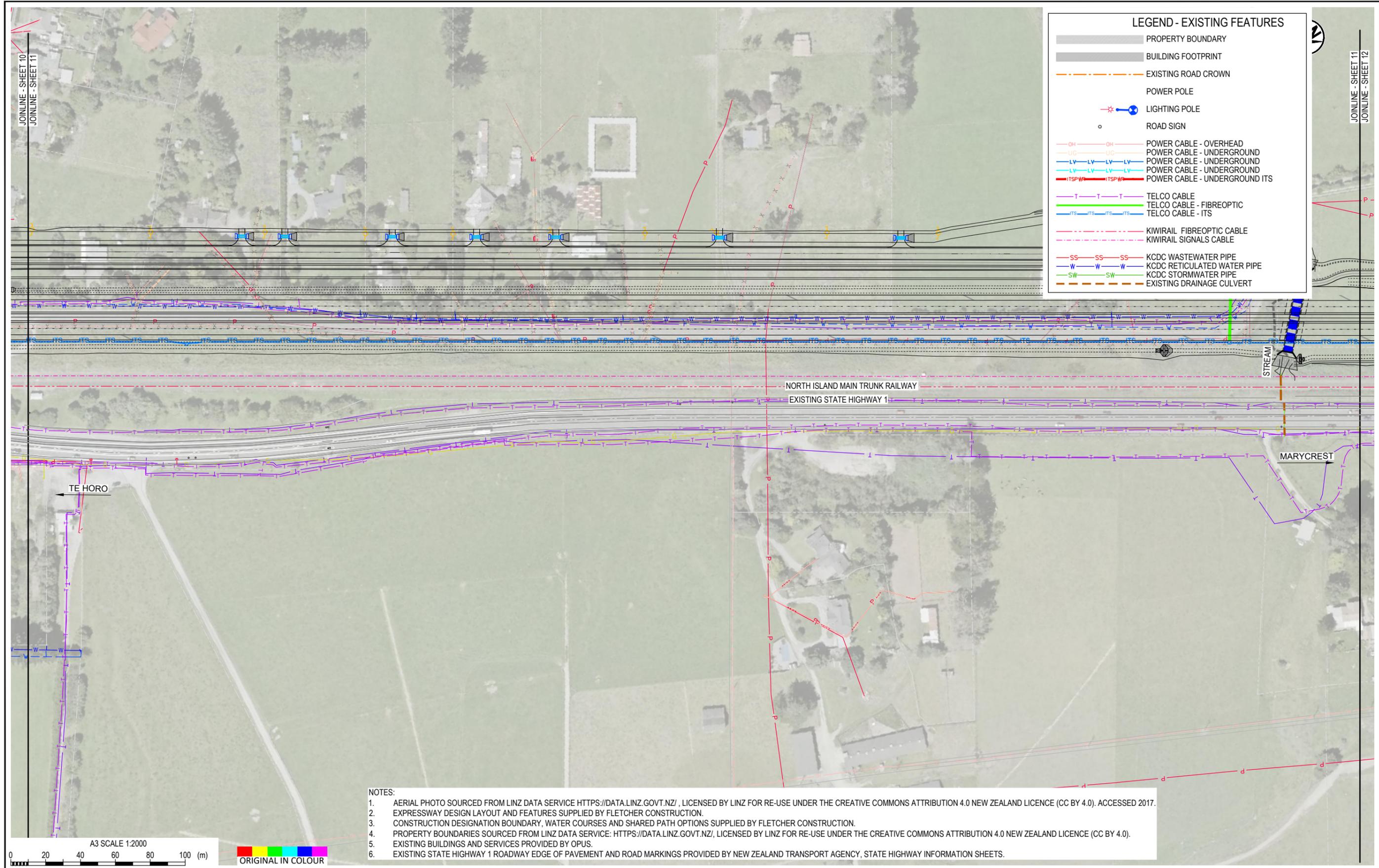
TITLE PROJECT SCOPE CONCEPT DESIGN EXISTING SERVICES PLAN SHEET 10

SCALE (A3) 1:2000

FIG No. 85920.0030-F035

REV 1

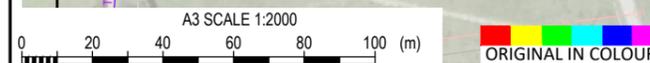
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LEGEND - EXISTING FEATURES

	PROPERTY BOUNDARY
	BUILDING FOOTPRINT
	EXISTING ROAD CROWN
	POWER POLE
	LIGHTING POLE
	ROAD SIGN
	POWER CABLE - OVERHEAD
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND ITS
	TELCO CABLE
	TELCO CABLE - FIBREOPTIC
	TELCO CABLE - ITS
	KIWRIL FIBREOPTIC CABLE
	KIWRIL SIGNALS CABLE
	KCDC WASTEWATER PIPE
	KCDC RETICULATED WATER PIPE
	KCDC STORMWATER PIPE
	EXISTING DRAINAGE CULVERT

- NOTES:
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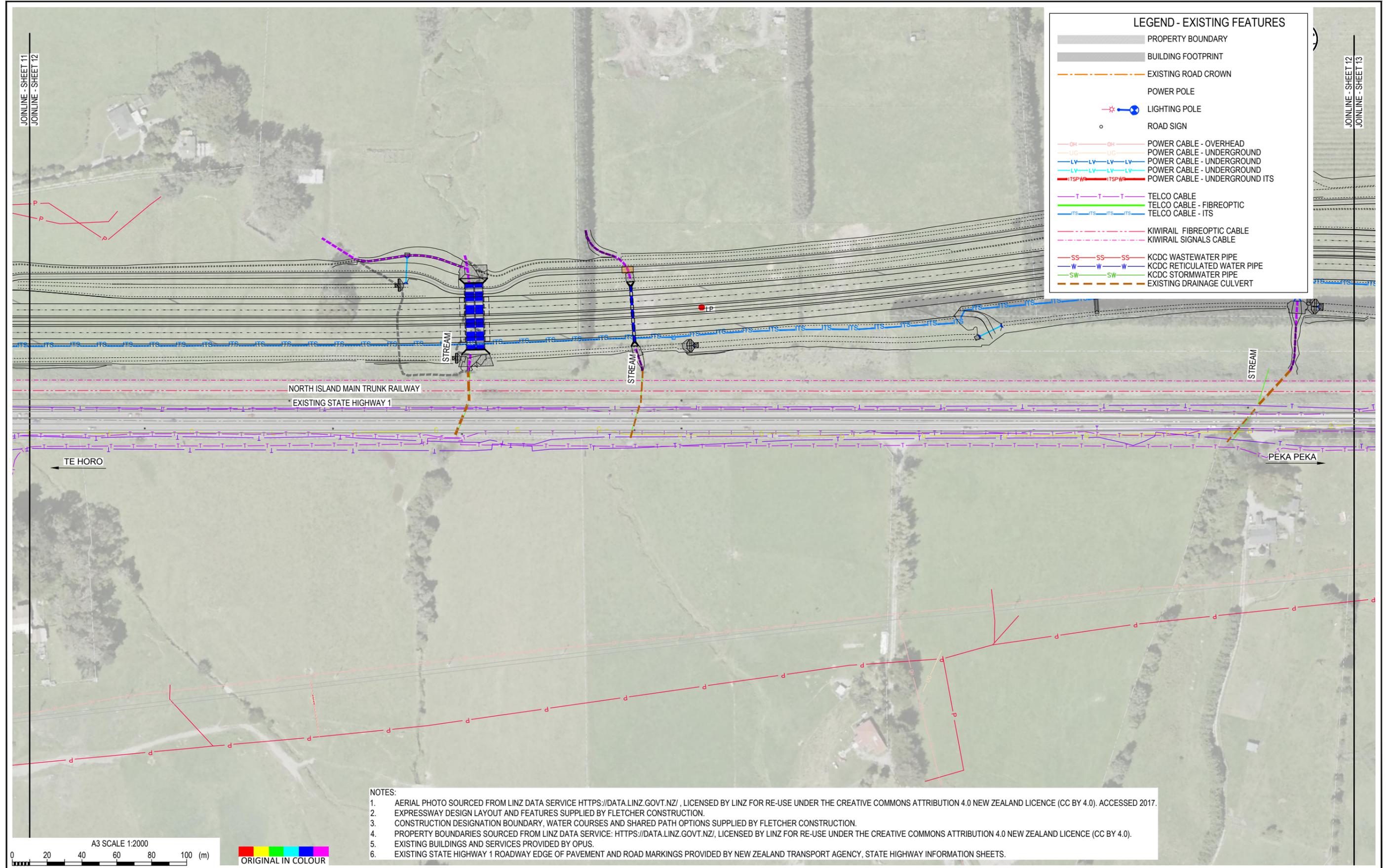
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 NZ TRANSPORT AGENCY

Kāpiti Coast
 DISTRICT COUNCIL
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PROJECT No. 00085920.0030		
DESIGNED	CYSA	Nov.19
DRAWN	BRMA	Nov.19
CHECKED		
APPROVED	DATE	

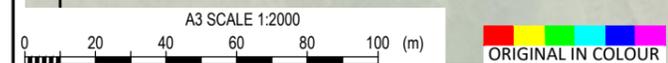
CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN EXISTING SERVICES PLAN SHEET 11		
SCALE (A3)	1:2000	FIG No.	85920.0030-F036
		REV	1



LEGEND - EXISTING FEATURES

	PROPERTY BOUNDARY
	BUILDING FOOTPRINT
	EXISTING ROAD CROWN
	POWER POLE
	LIGHTING POLE
	ROAD SIGN
	POWER CABLE - OVERHEAD
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND ITS
	TELCO CABLE
	TELCO CABLE - FIBROPTIC
	TELCO CABLE - ITS
	KIWRAIL FIBROPTIC CABLE
	KIWRAIL SIGNALS CABLE
	KCDC WASTEWATER PIPE
	KCDC RETICULATED WATER PIPE
	KCDC STORMWATER PIPE
	EXISTING DRAINAGE CULVERT

- NOTES:**
1. AERIAL PHOTO SOURCED FROM LINZ DATA SERVICE [HTTPS://DATA.LINZ.GOV.T.NZ/](https://data.linz.govt.nz/) , LICENSED BY LINZ FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 NEW ZEALAND LICENCE (CC BY 4.0). ACCESSED 2017.
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 4. PROPERTY BOUNDARIES SOURCED FROM LINZ DATA SERVICE: [HTTPS://DATA.LINZ.GOV.T.NZ/](https://data.linz.govt.nz/), LICENSED BY LINZ FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 NEW ZEALAND LICENCE (CC BY 4.0).
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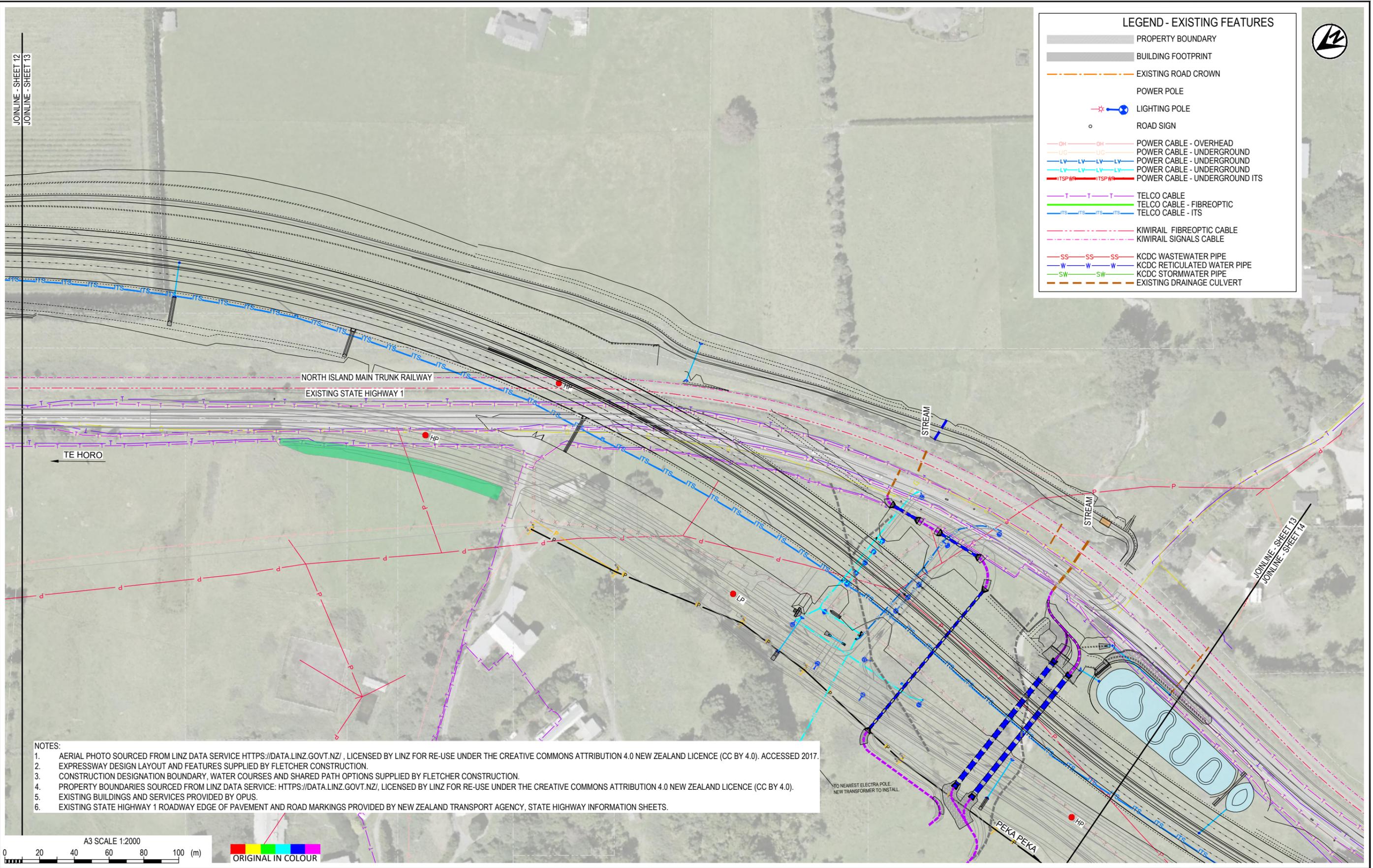
PROJECT No. 00085920.0030		
DESIGNED	CYSA	Nov.19
DRAWN	BRMA	Nov.19
CHECKED		
APPROVED	DATE	

CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN EXISTING SERVICES PLAN SHEET 12		
SCALE (A3)	1:2000	FIG No.	85920.0030-F037
REV	1		

JOINLINE - SHEET 12
JOINLINE - SHEET 13

LEGEND - EXISTING FEATURES

- PROPERTY BOUNDARY
- BUILDING FOOTPRINT
- EXISTING ROAD CROWN
- POWER POLE
- LIGHTING POLE
- ROAD SIGN
- POWER CABLE - OVERHEAD
- POWER CABLE - UNDERGROUND
- POWER CABLE - UNDERGROUND
- POWER CABLE - UNDERGROUND
- POWER CABLE - UNDERGROUND ITS
- TELCO CABLE
- TELCO CABLE - FIBREOPTIC
- TELCO CABLE - ITS
- KIWIRAIL FIBREOPTIC CABLE
- KIWIRAIL SIGNALS CABLE
- KCDC WASTEWATER PIPE
- KCDC RETICULATED WATER PIPE
- KCDC STORMWATER PIPE
- EXISTING DRAINAGE CULVERT



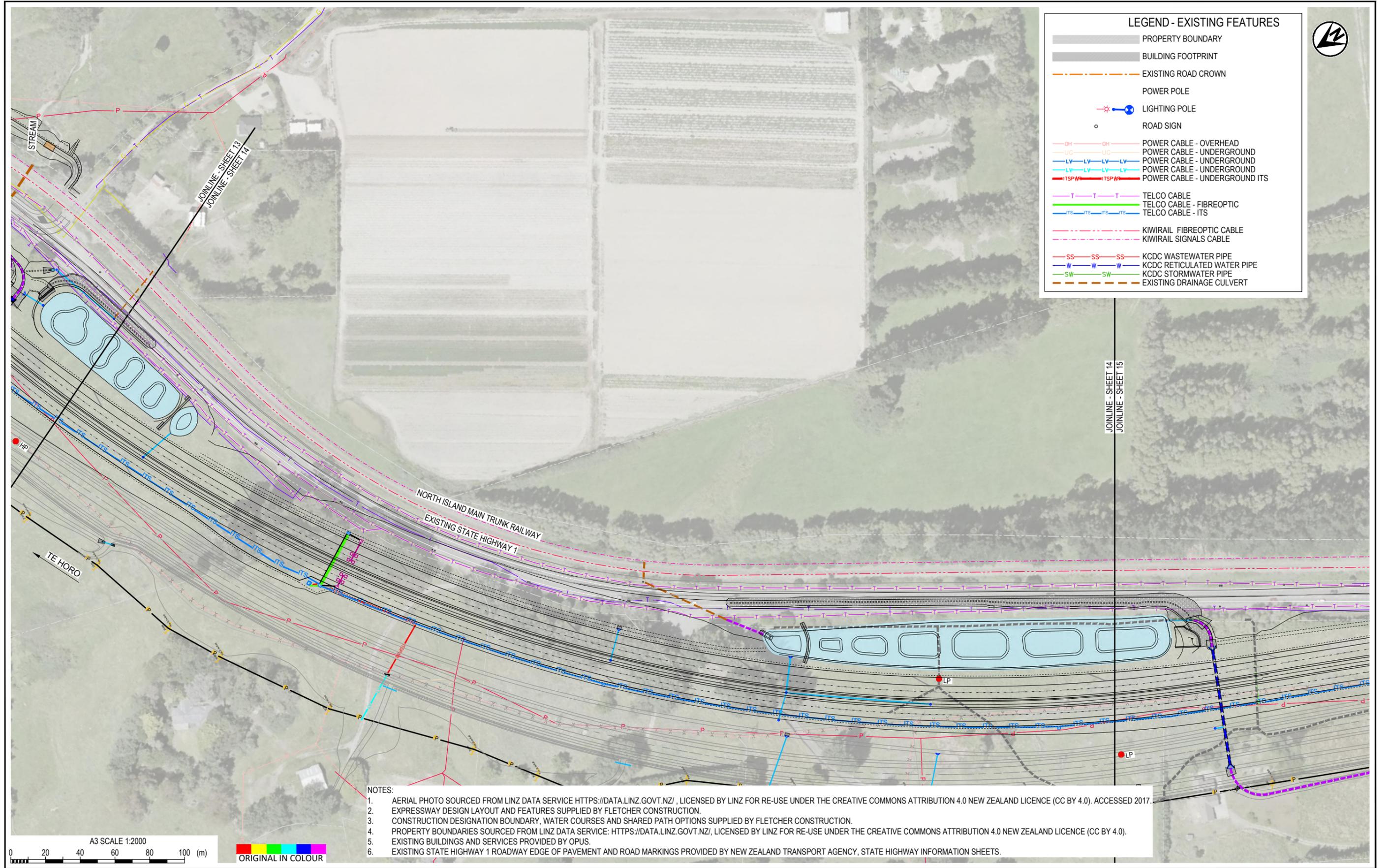
- NOTES:
1. AERIAL PHOTO SOURCED FROM LINZ DATA SERVICE [HTTPS://DATA.LINZ.GOV.T.NZ/](https://data.linz.govt.nz/), LICENSED BY LINZ FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 NEW ZEALAND LICENCE (CC BY 4.0). ACCESSED 2017.
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PROJECT No. 00085920.0030		
DESIGNED	CYSA	Nov.19
DRAWN	BRMA	Nov.19
CHECKED		
APPROVED	DATE	

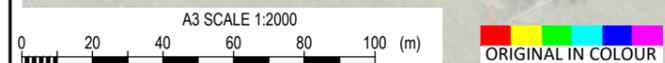
CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN EXISTING SERVICES PLAN SHEET 13		
SCALE (A3)	1:2000	FIG No.	85920.0030-F038
		REV	1



LEGEND - EXISTING FEATURES

	PROPERTY BOUNDARY
	BUILDING FOOTPRINT
	EXISTING ROAD CROWN
	POWER POLE
	LIGHTING POLE
	ROAD SIGN
	POWER CABLE - OVERHEAD
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND ITS
	TELCO CABLE
	TELCO CABLE - FIBREOPTIC
	TELCO CABLE - ITS
	KIWRAIL FIBREOPTIC CABLE
	KIWRAIL SIGNALS CABLE
	KCDC WASTEWATER PIPE
	KCDC RETICULATED WATER PIPE
	KCDC STORMWATER PIPE
	EXISTING DRAINAGE CULVERT

- NOTES:**
1. AERIAL PHOTO SOURCED FROM LINZ DATA SERVICE [HTTPS://DATA.LINZ.GOV.T.NZ/](https://data.linz.govt.nz/) , LICENSED BY LINZ FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 NEW ZEALAND LICENCE (CC BY 4.0). ACCESSED 2017.
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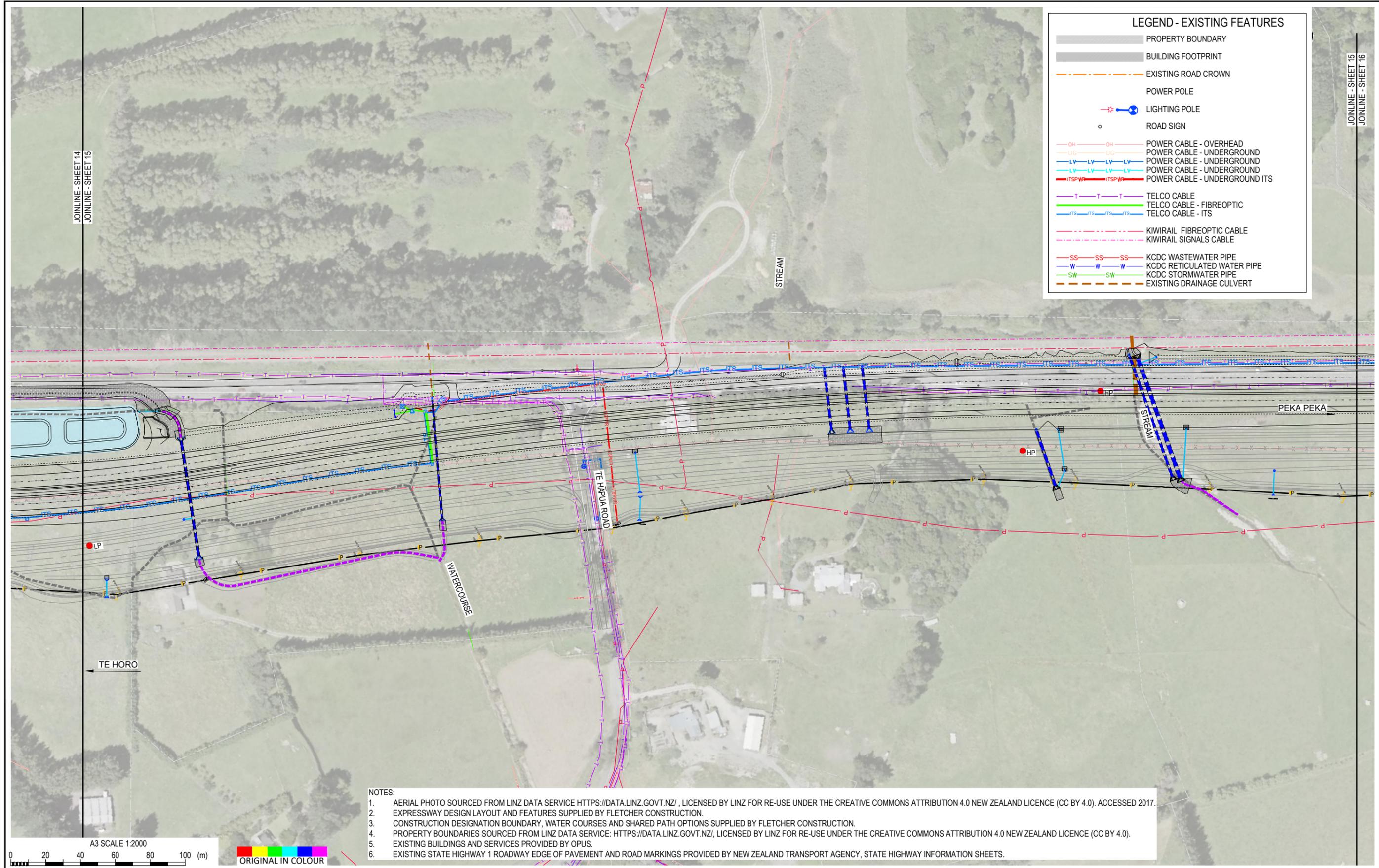
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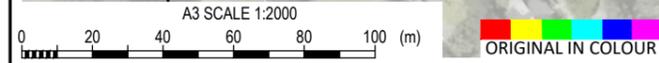
CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN EXISTING SERVICES PLAN SHEET 14		
SCALE (A3)	1:2000	FIG No.	85920.0030-F039
		REV	1



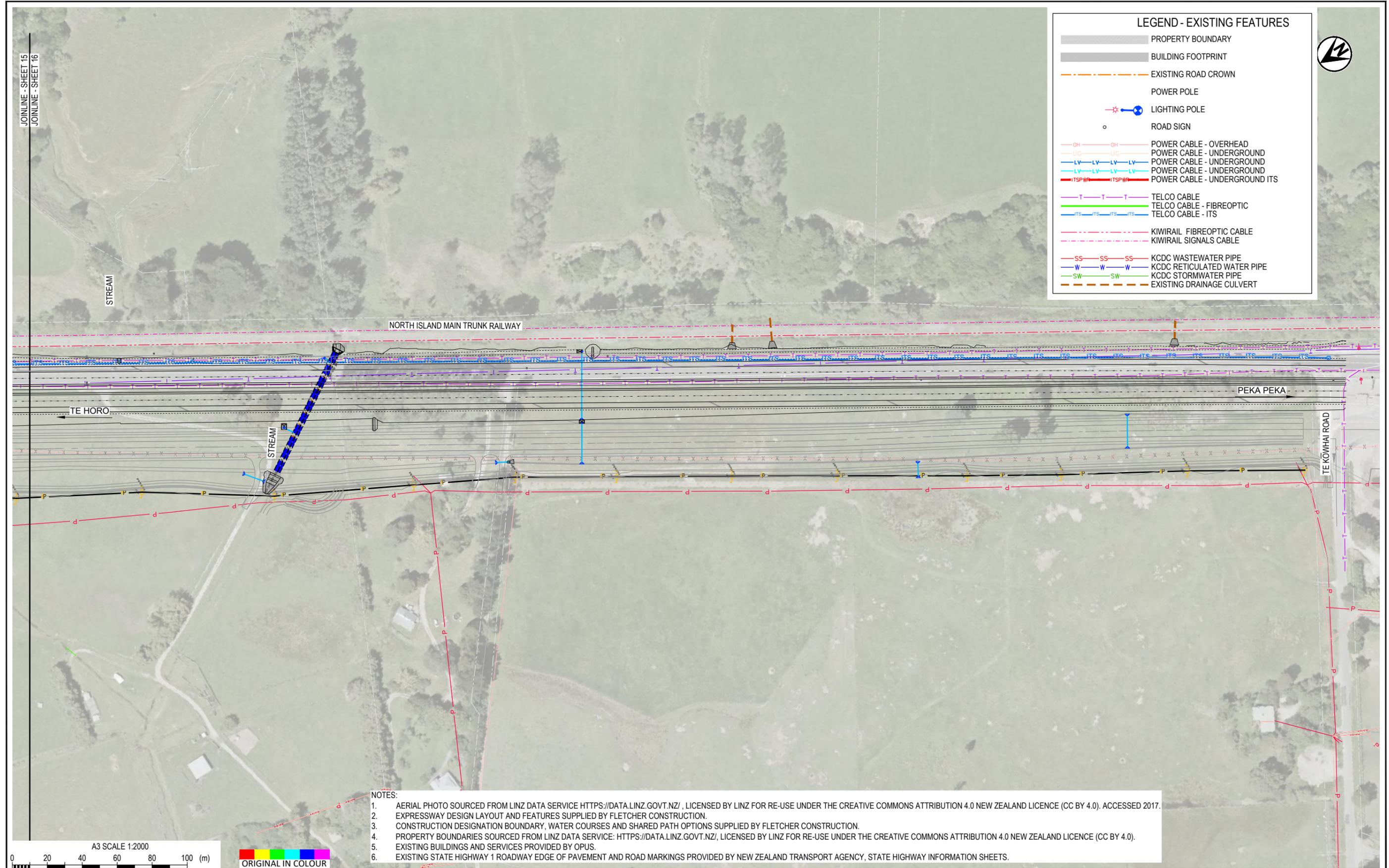
LEGEND - EXISTING FEATURES

	PROPERTY BOUNDARY
	BUILDING FOOTPRINT
	EXISTING ROAD CROWN
	POWER POLE
	LIGHTING POLE
	ROAD SIGN
	POWER CABLE - OVERHEAD
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND ITS
	TELCO CABLE
	TELCO CABLE - FIBREOPTIC
	TELCO CABLE - ITS
	KIWRAIL FIBREOPTIC CABLE
	KIWRAIL SIGNALS CABLE
	KCDC WASTEWATER PIPE
	KCDC RETICULATED WATER PIPE
	KCDC STORMWATER PIPE
	EXISTING DRAINAGE CULVERT

- NOTES:**
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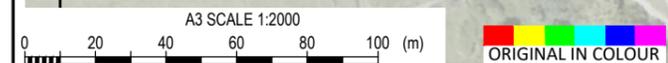
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LEGEND - EXISTING FEATURES

	PROPERTY BOUNDARY
	BUILDING FOOTPRINT
	EXISTING ROAD CROWN
	POWER POLE
	LIGHTING POLE
	ROAD SIGN
	POWER CABLE - OVERHEAD
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND
	POWER CABLE - UNDERGROUND ITS
	TELCO CABLE
	TELCO CABLE - FIBREOPTIC
	TELCO CABLE - ITS
	KIWRAIL FIBREOPTIC CABLE
	KIWRAIL SIGNALS CABLE
	KCDC WASTEWATER PIPE
	KCDC RETICULATED WATER PIPE
	KCDC STORMWATER PIPE
	EXISTING DRAINAGE CULVERT

- NOTES:**
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PROJECT No. 00085920.0030		
DESIGNED	CYSA	Nov.19
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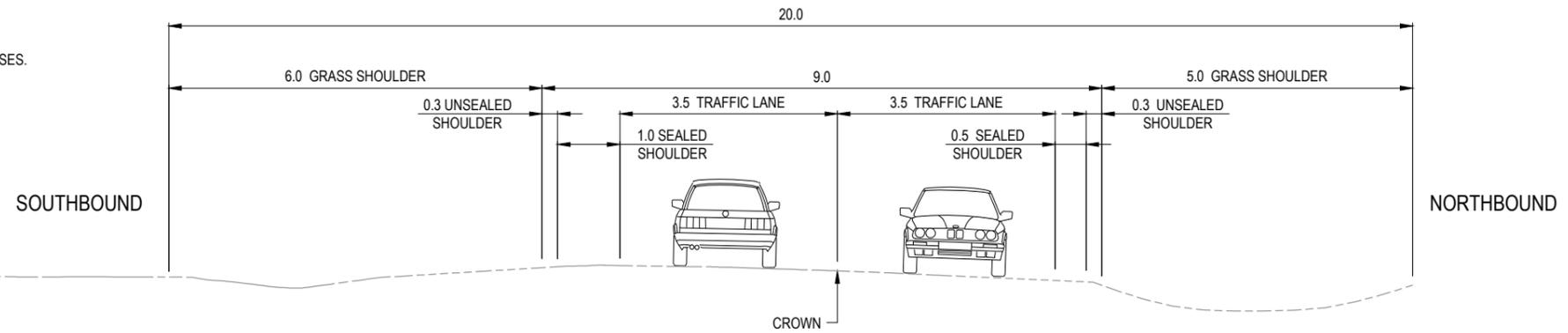
CLIENT	NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION
TITLE	PROJECT SCOPE CONCEPT DESIGN EXISTING SERVICES PLAN SHEET 16
SCALE (A3)	1:2000
FIG No.	85920.0030-F041
REV	1

LEGEND

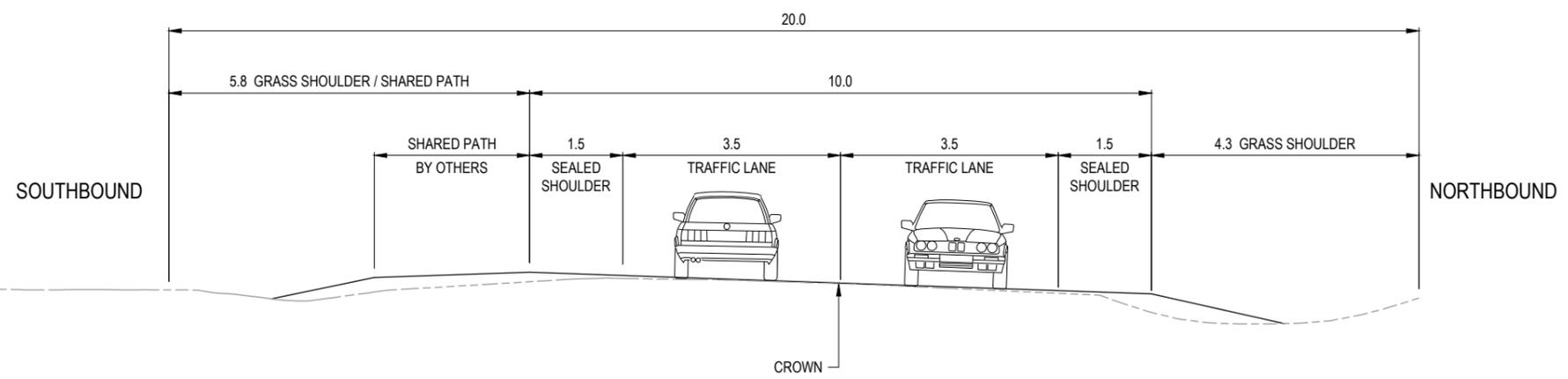
----- EXISTING SURFACE

———— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.



SECTION 1 EXISTING
SCALE 1:100



SECTION 1A PROPOSED OPTION 1
SCALE 1:100

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PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
TYPICAL CROSS SECTIONS SHEET 1

SCALE (A3) 1:100

FIG No. 85920.0030-F050

REV 1

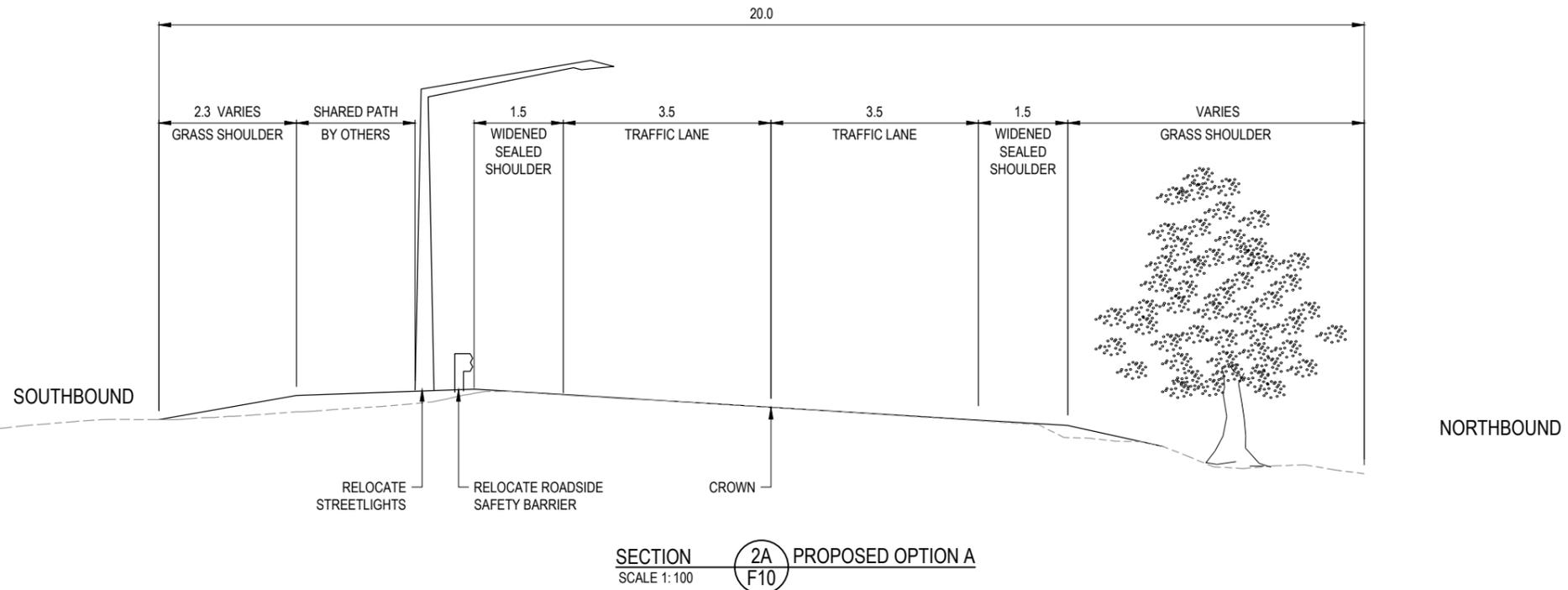
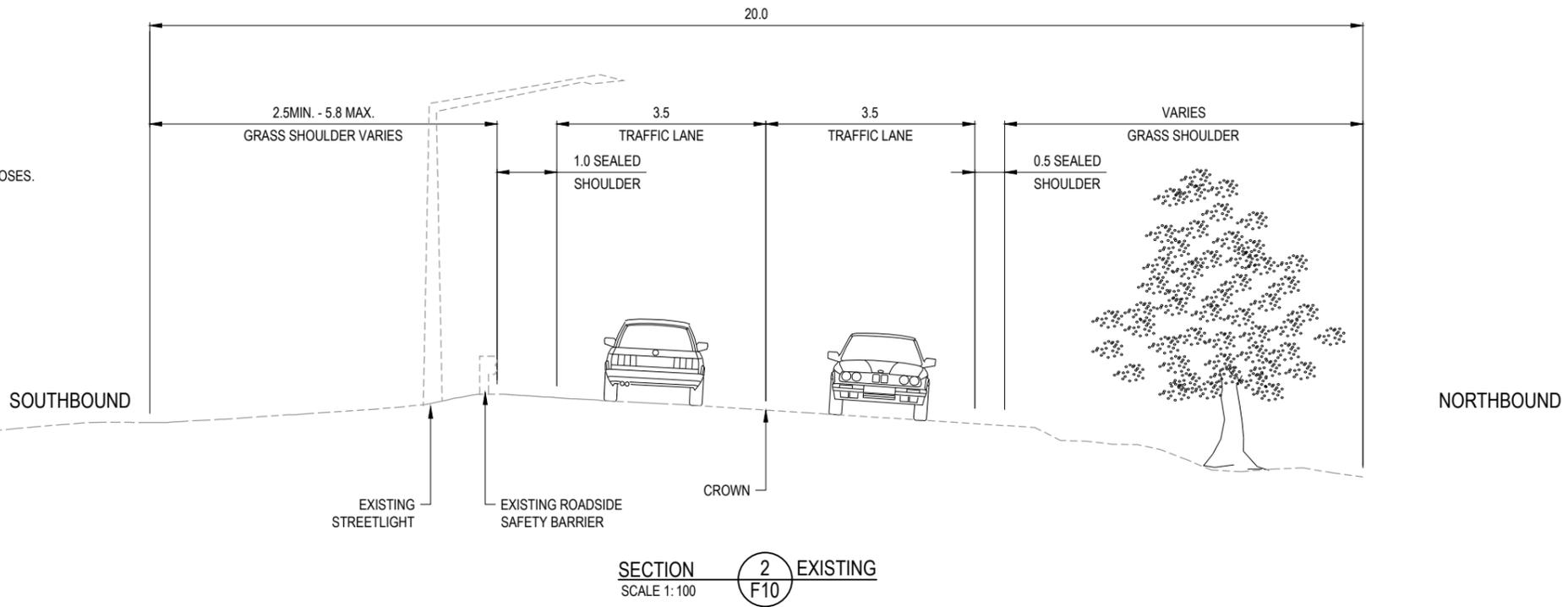
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LEGEND

--- EXISTING SURFACE

— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
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PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
TYPICAL CROSS SECTIONS SHEET 2

SCALE (A3) 1:100

FIG No. 85920.0030-F051

REV 1

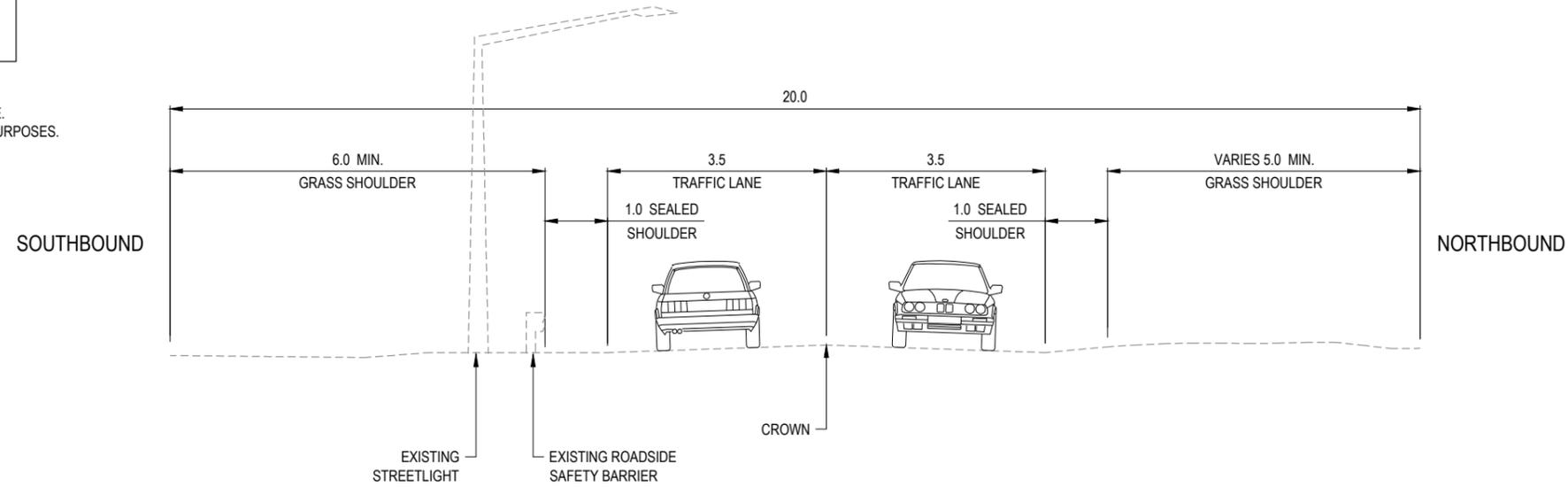
APPROVED DATE

LEGEND

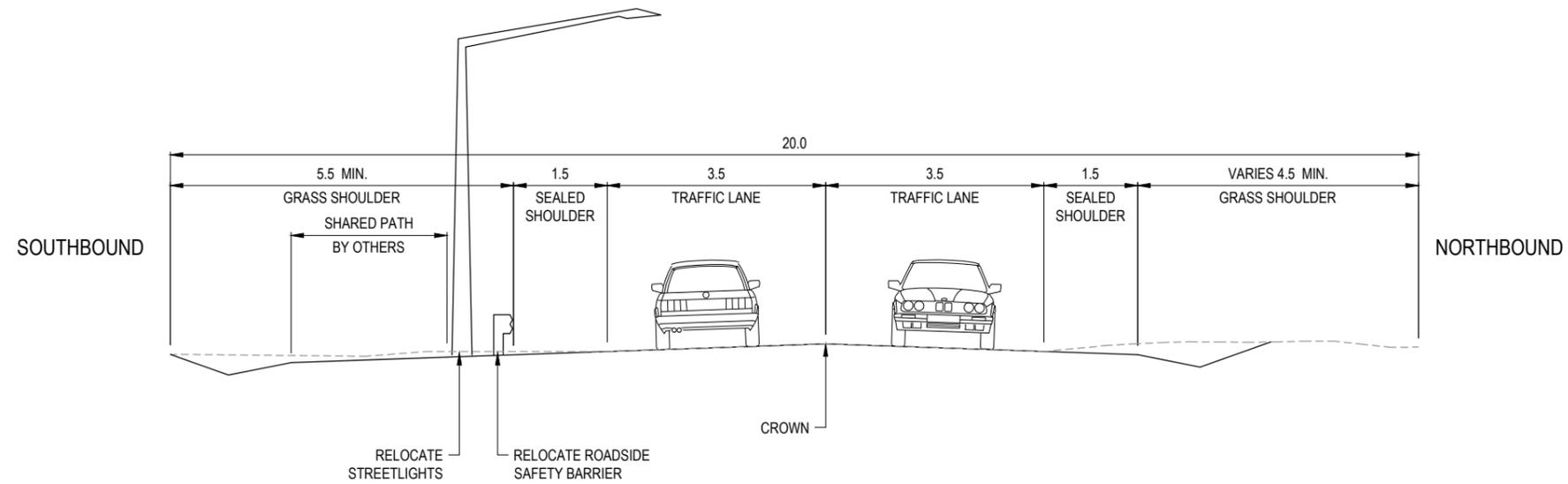
----- EXISTING SURFACE

———— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.



SECTION 3 EXISTING
SCALE 1: 100
F11



SECTION 3A PROPOSED OPTION A
SCALE 1: 100
F11

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PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
TYPICAL CROSS SECTIONS SHEET 3

SCALE (A3) 1:100

FIG No. 85920.0030-F052

REV 1

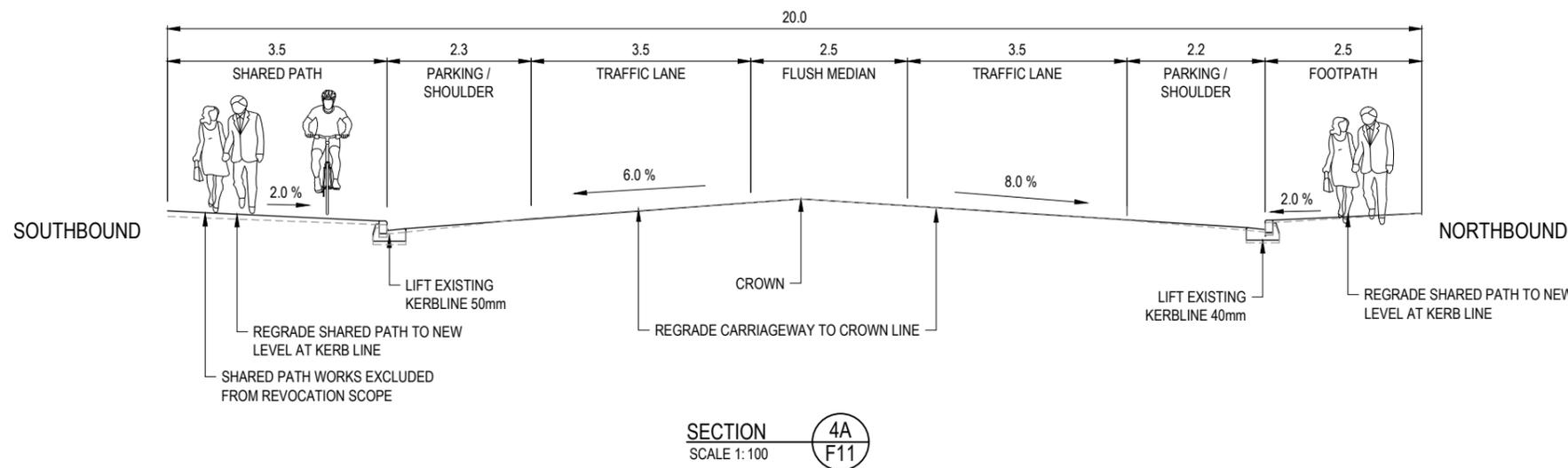
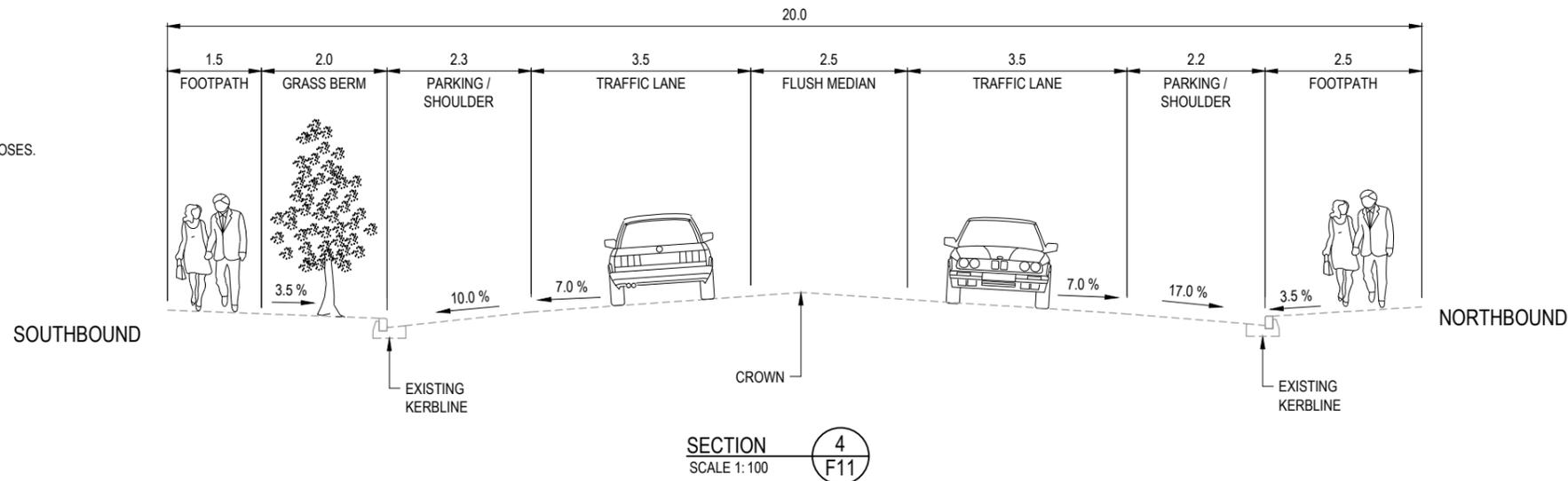
APPROVED DATE

LEGEND

----- EXISTING SURFACE

———— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
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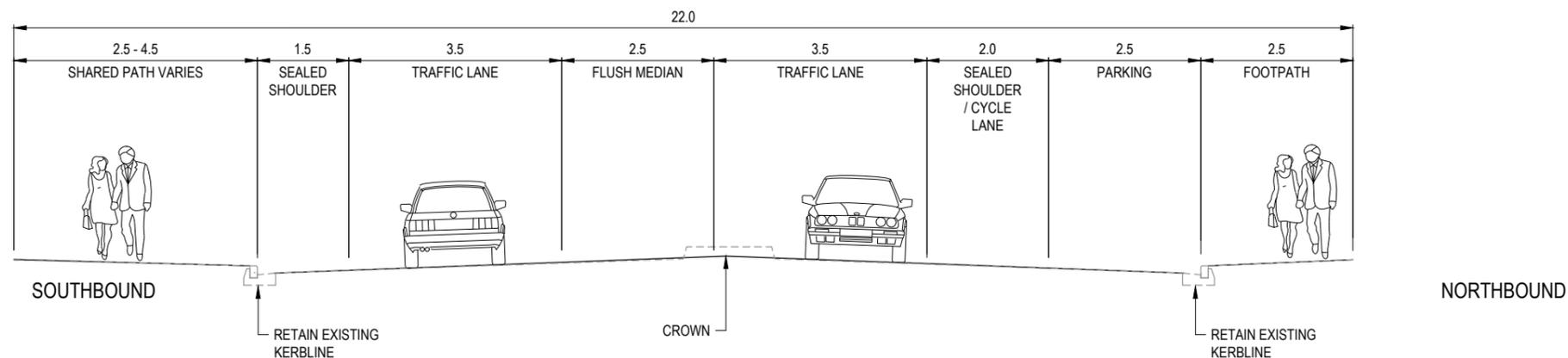
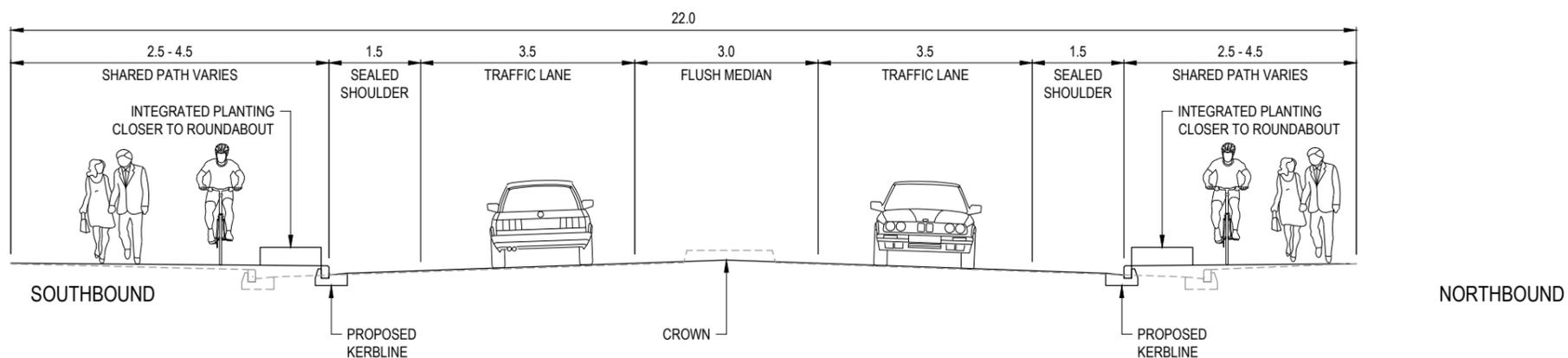
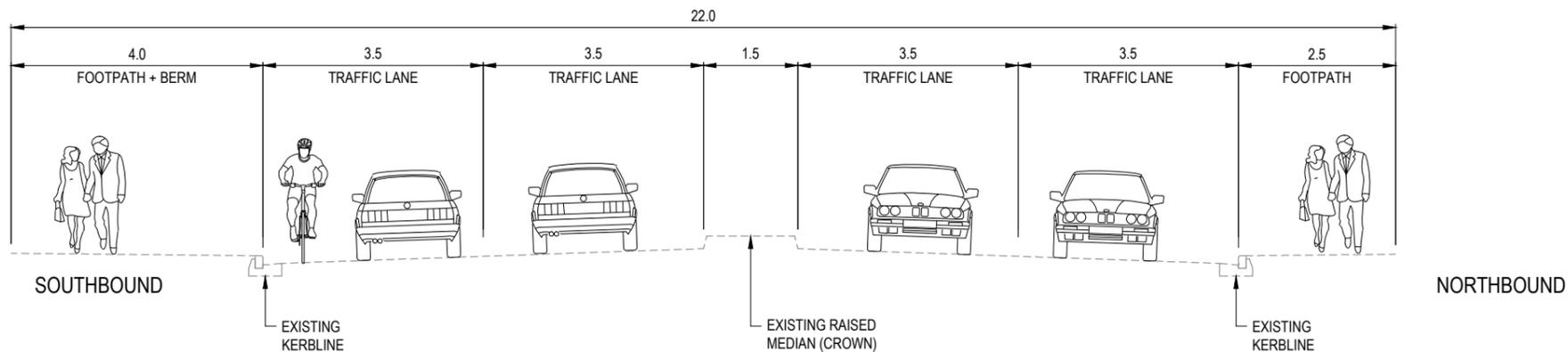
THIS FIGURE IS NOT TO BE USED FOR CONSTRUCTION PURPOSES

LEGEND

----- EXISTING SURFACE

———— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.
 4. PROPOSED OPTION 1 MATCHES CROSS SECTION FROM EXPRESSWAY WORKS ON NEW SECTION OF ROAD AT BRIDGES 2 & 3.
 5. PROPOSED OPTION 2 RETAINS EXISTING KERB LINES AND PROVIDES ALTERNATIVE LAYOUT WITH ADDITIONAL KERB SIDE PARKING.



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CLIENT NZ TRANSPORT AGENCY
PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
TYPICAL CROSS SECTIONS SHEET 5

APPROVED DATE

SCALE (A3) 1:100

FIG No. 85920.0030-F054

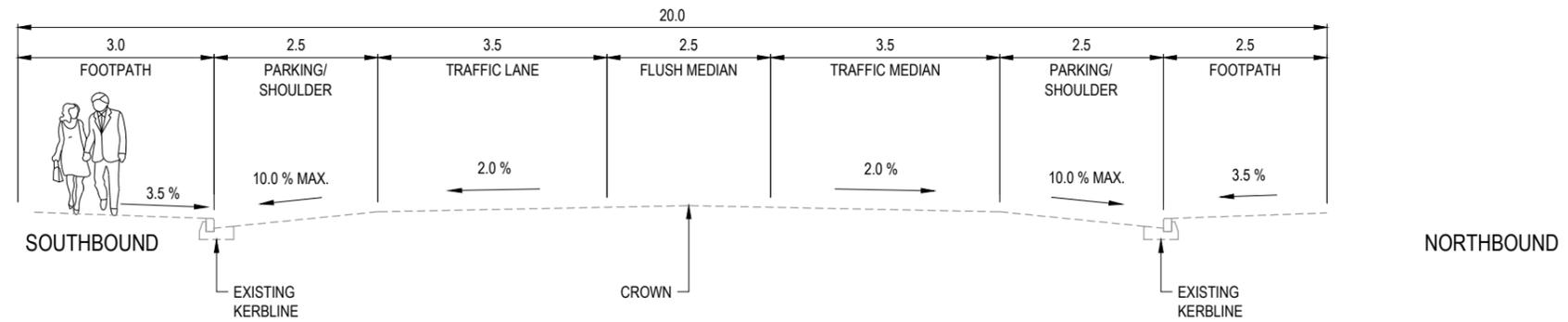
REV 1

LEGEND

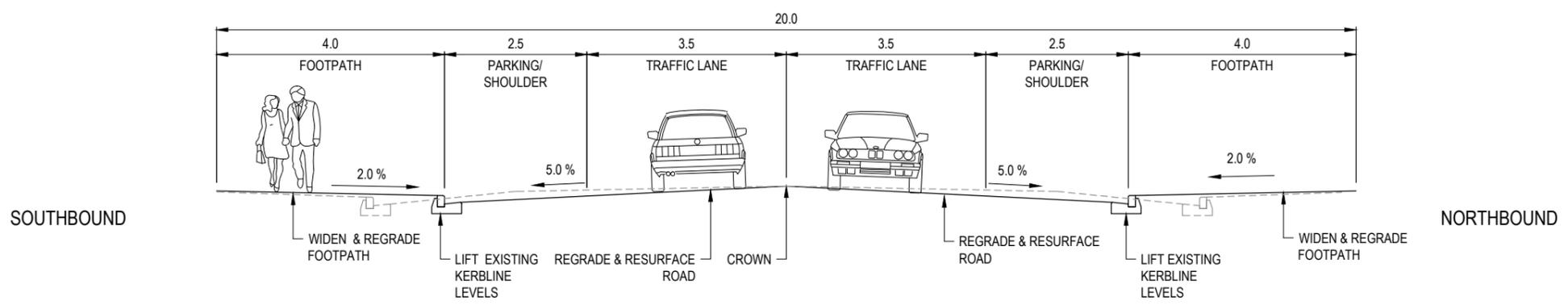
----- EXISTING SURFACE

———— PROPOSED SURFACE

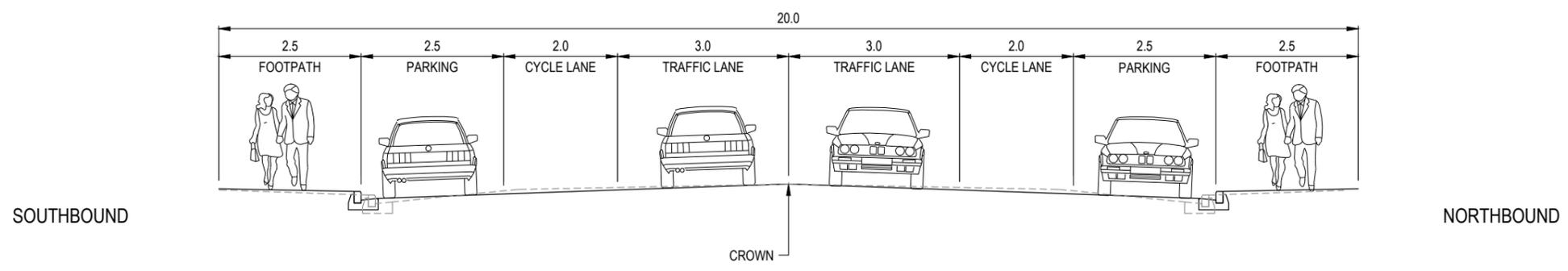
- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.
 4. PROPOSED OPTION 1 IS THE AGREED SCOPE OF CONCEPT DESIGN FOR THIS SECTION OF ROAD.
 5. PROPOSED OPTION 2 IS FOR INFORMATION ONLY.



SECTION 6 EXISTING
SCALE 1:100



SECTION 6A PROPOSED OPTION 1
SCALE 1:100



SECTION 6B PROPOSED OPTION 2
SCALE 1:100

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PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
TYPICAL CROSS SECTIONS SHEET 6

SCALE (A3) 1:100

FIG No. 85920.0030-F055

REV 1

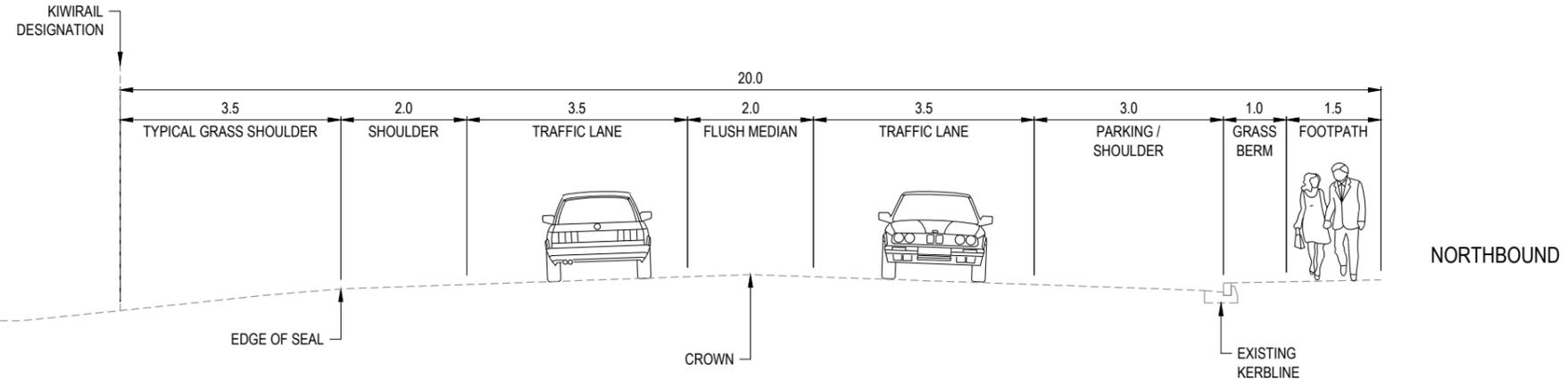
APPROVED DATE

LEGEND

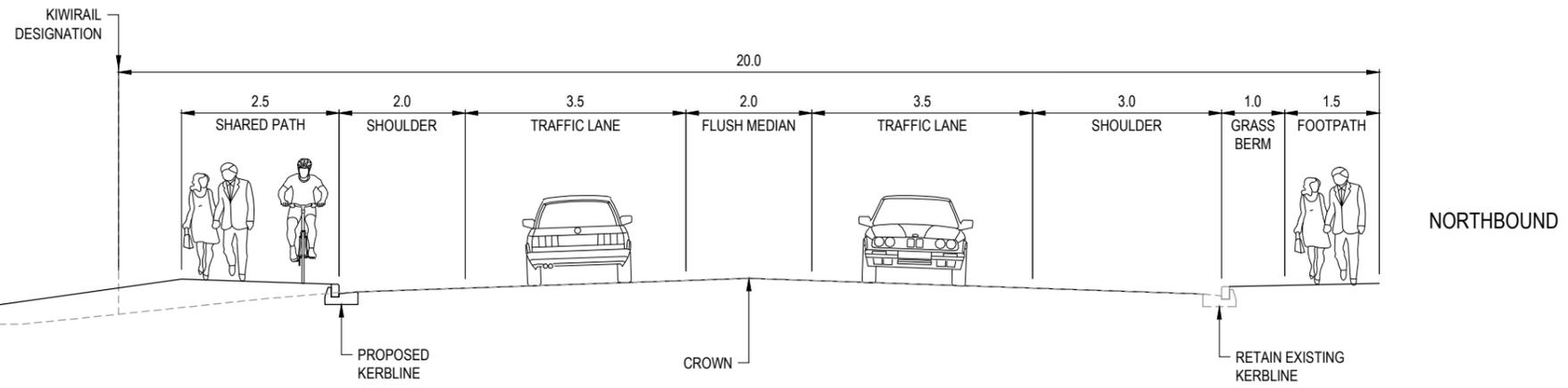
--- EXISTING SURFACE

— PROPOSED SURFACE

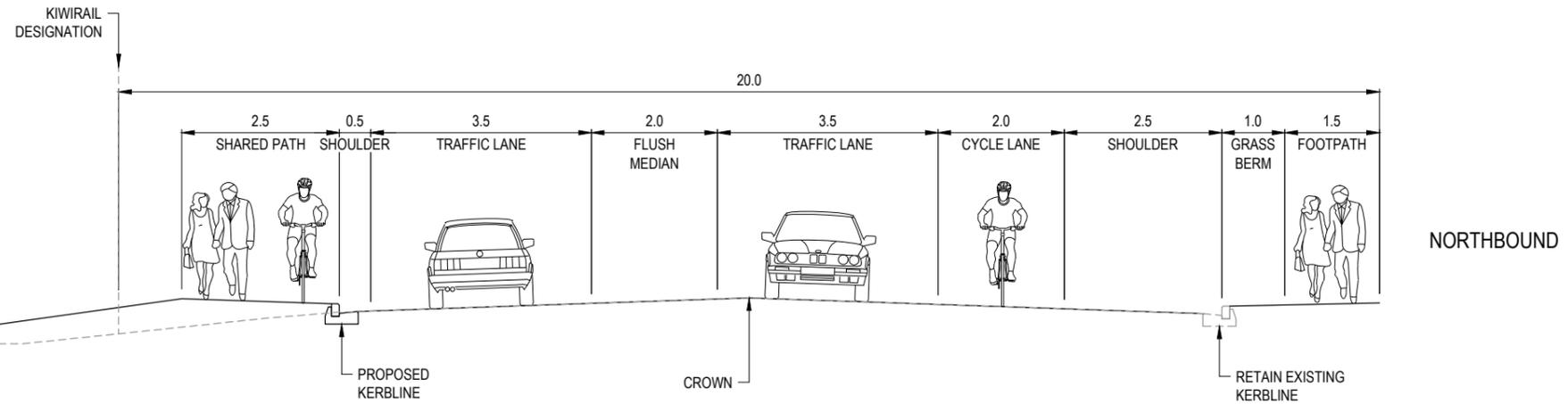
- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.



SECTION 7 EXISTING
SCALE 1:100



SECTION 7A PROPOSED OPTION 1: RETAIN EXISTING ADD SHARED PATH
SCALE 1:100



SECTION 7B PROPOSED OPTION 2: ADD SHARED PATH AND CYCLE LANE
SCALE 1:100

THIS FIGURE IS NOT TO BE USED FOR CONSTRUCTION PURPOSES



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PROJECT No. 00085920.0030

DESIGNED	CYSA	Nov.19
DRAWN	BRMA	Nov.19
CHECKED		

CLIENT NZ TRANSPORT AGENCY
PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
TYPICAL CROSS SECTIONS SHEET 7

SCALE (A3) 1:100

FIG No. 85920.0030-F056

REV 1

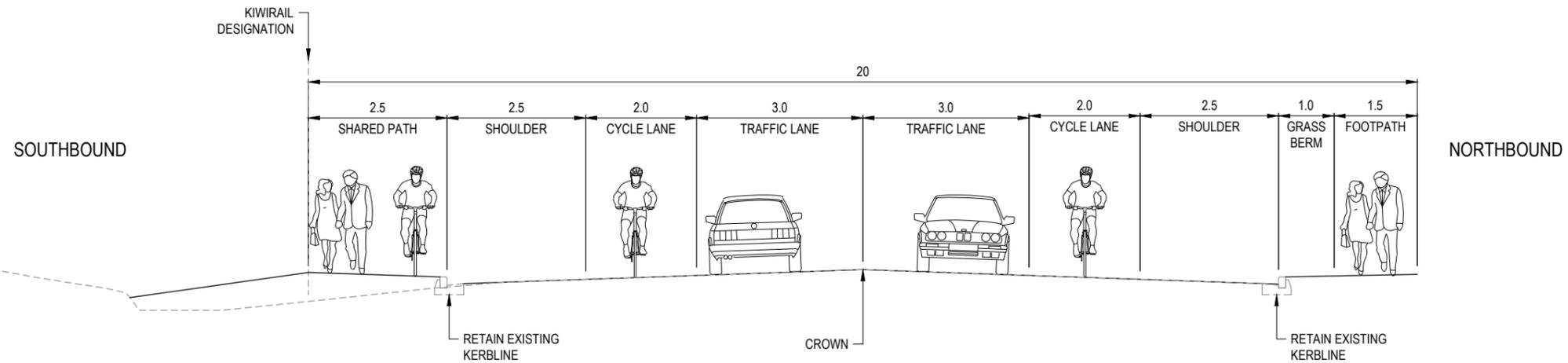
APPROVED DATE

LEGEND

----- EXISTING SURFACE

———— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.



SECTION 7C PROPOSED OPTION 3: REMOVE FLUSH MEDIAN ADD CYCLE LANE
 SCALE 1:100 F13

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PROJECT No. 00085920.0030

DESIGNED	CYSA	Nov.19
DRAWN	BRMA	Nov.19
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CLIENT NZ TRANSPORT AGENCY

PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
 TYPICAL CROSS SECTIONS SHEET 8

SCALE (A3) 1:100

FIG No. 85920.0030-F057

REV 1

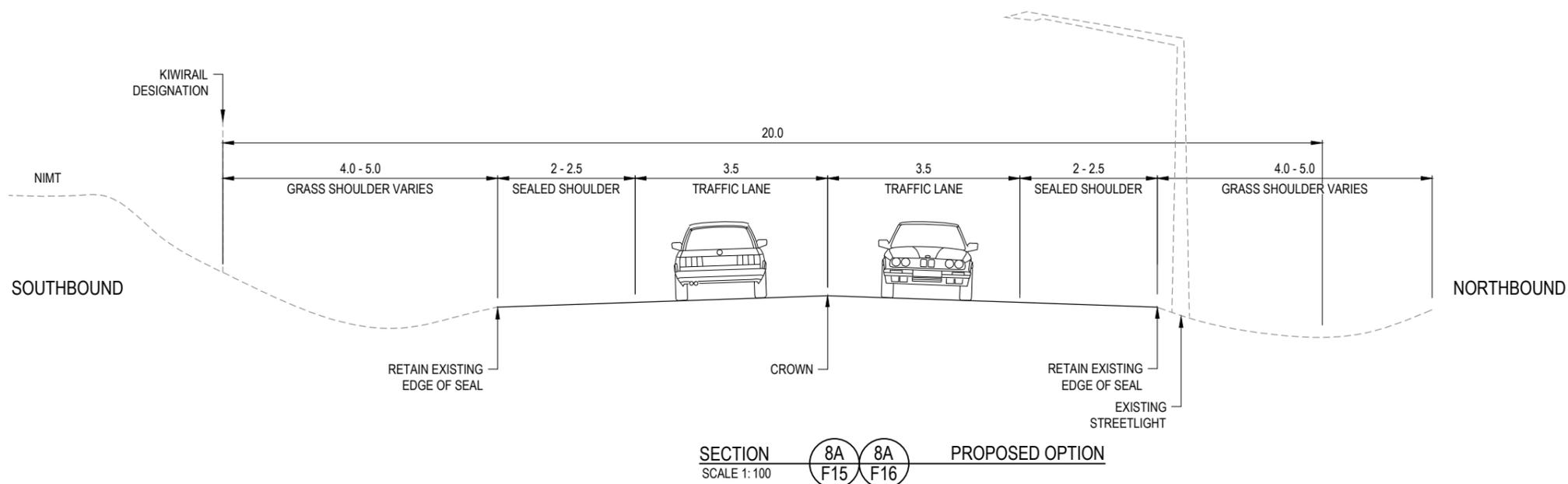
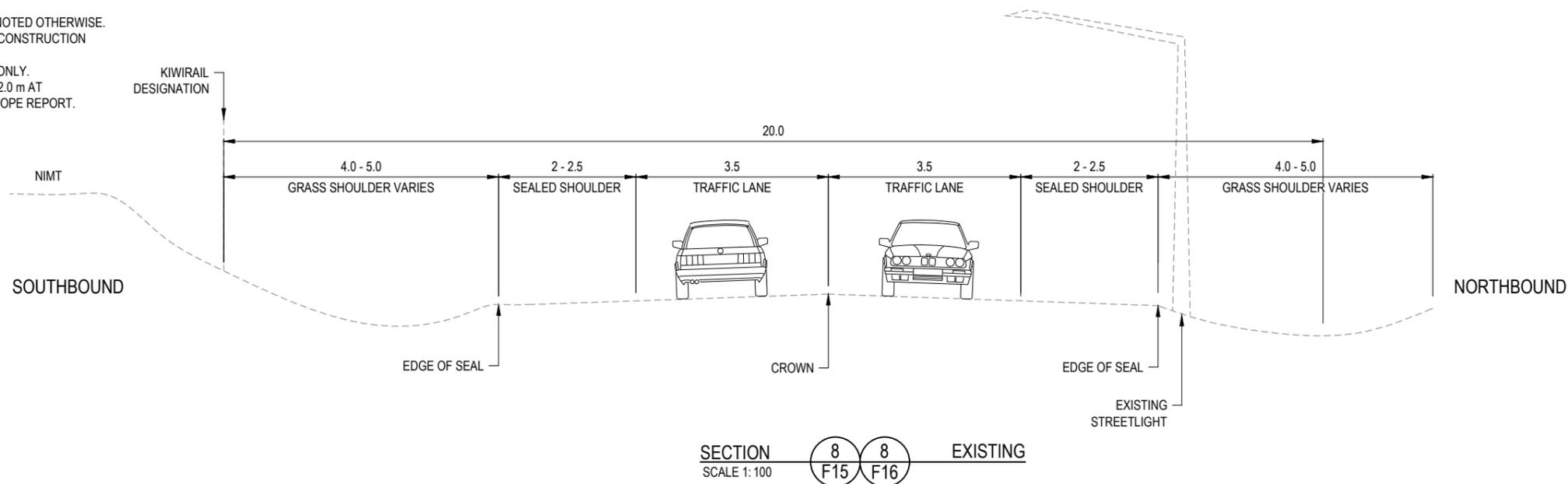
APPROVED DATE

LEGEND

----- EXISTING SURFACE

———— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.
 4. SEALED SHOULDER REDUCES TO 2.0 m AT INTERSECTIONS AS AGREED IN SCOPE REPORT.



THIS FIGURE IS NOT TO BE USED FOR CONSTRUCTION PURPOSES



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PROJECT No. 00085920.0030

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CLIENT NZ TRANSPORT AGENCY

PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
TYPICAL CROSS SECTIONS SHEET 9

SCALE (A3) 1:100

FIG No. 85920.0030-F058

REV 1

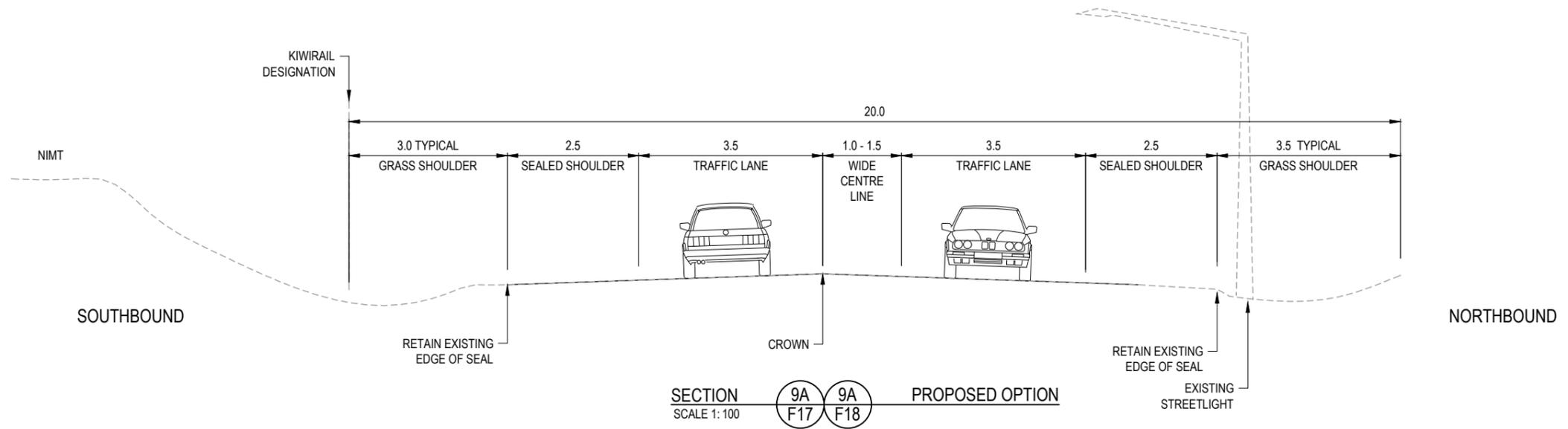
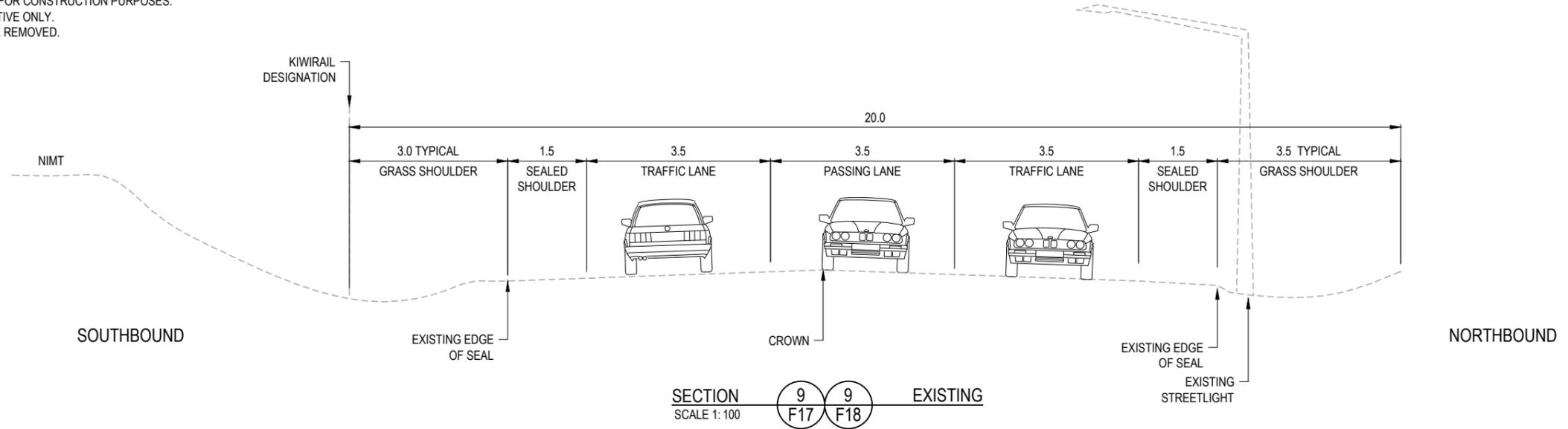
APPROVED DATE

LEGEND

----- EXISTING SURFACE

———— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.
 4. SOUTHBOUND PASSING LANE REMOVED.



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CLIENT **NZ TRANSPORT AGENCY**
PROJECT **PEKA PEKA TO OTAKI SH1 REVOCATION**

TITLE PROJECT SCOPE CONCEPT DESIGN
TYPICAL CROSS SECTIONS SHEET 10

SCALE (A3) 1:100

FIG No. 85920.0030-F059

REV 1

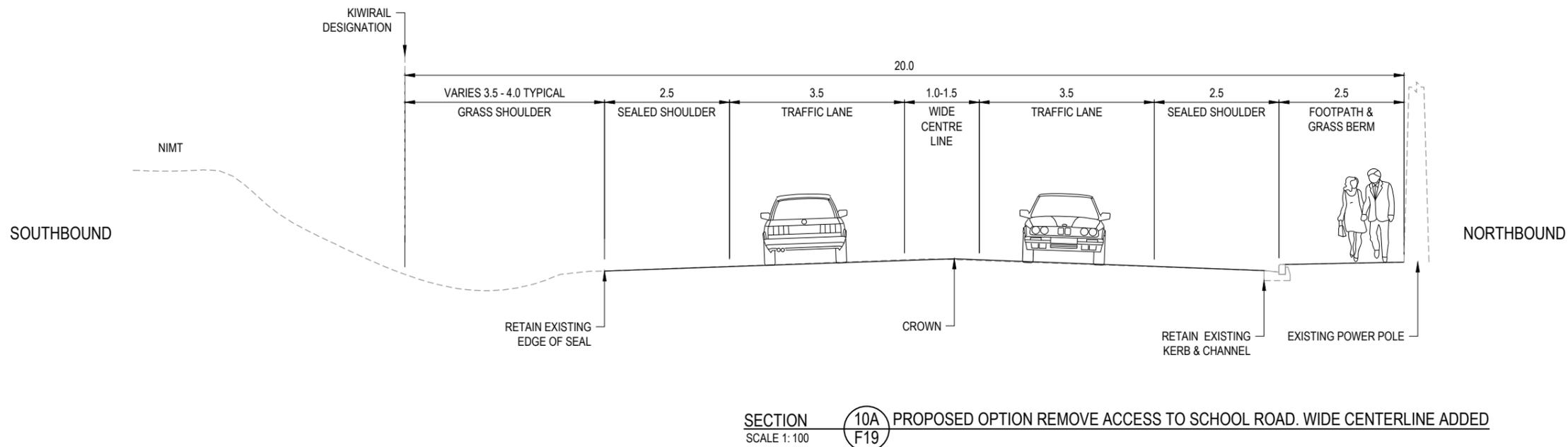
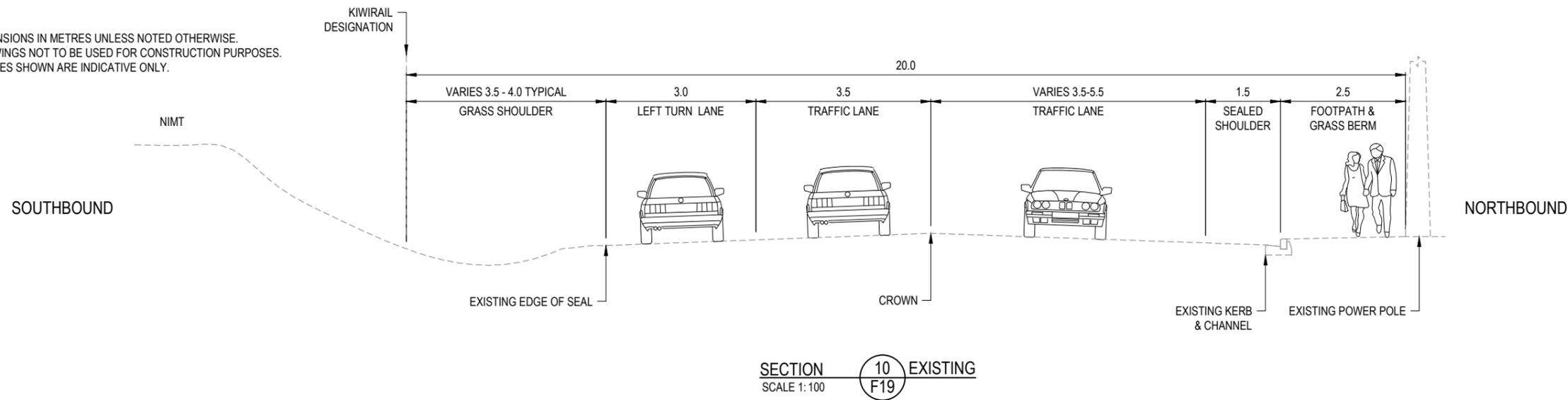
APPROVED DATE

LEGEND

----- EXISTING SURFACE

———— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.



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PROJECT No. 00085920.0030

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CLIENT NZ TRANSPORT AGENCY

PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
TYPICAL CROSS SECTIONS SHEET 11

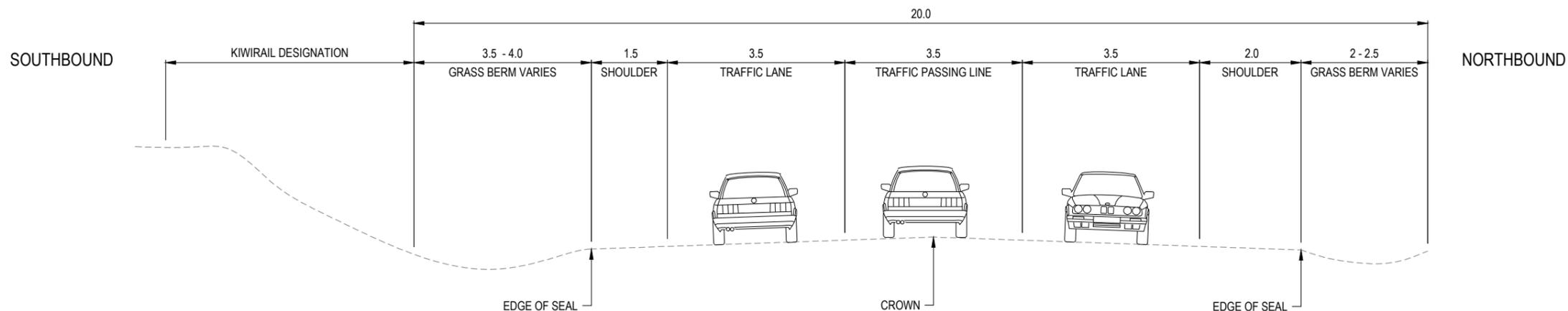
SCALE (A3) 1:100

FIG No. 85920.0030-F060

REV 1

APPROVED DATE

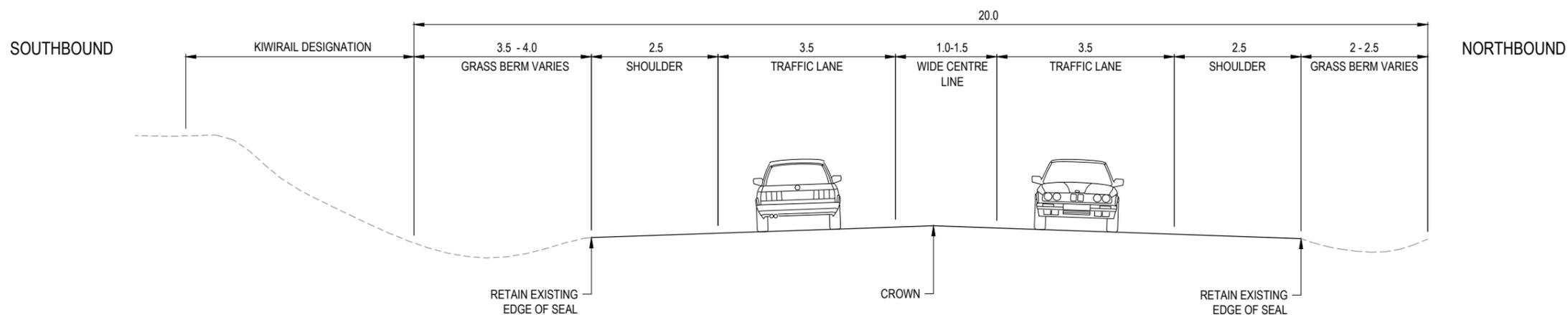
- NOTES:
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.



LEGEND

----- EXISTING SURFACE

———— PROPOSED SURFACE



THIS FIGURE IS NOT TO BE USED FOR CONSTRUCTION PURPOSES



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PROJECT No. 00085920.003

DESIGNED	CYSA	Sep.19
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CLIENT NZ TRANSPORT AGENCY
PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

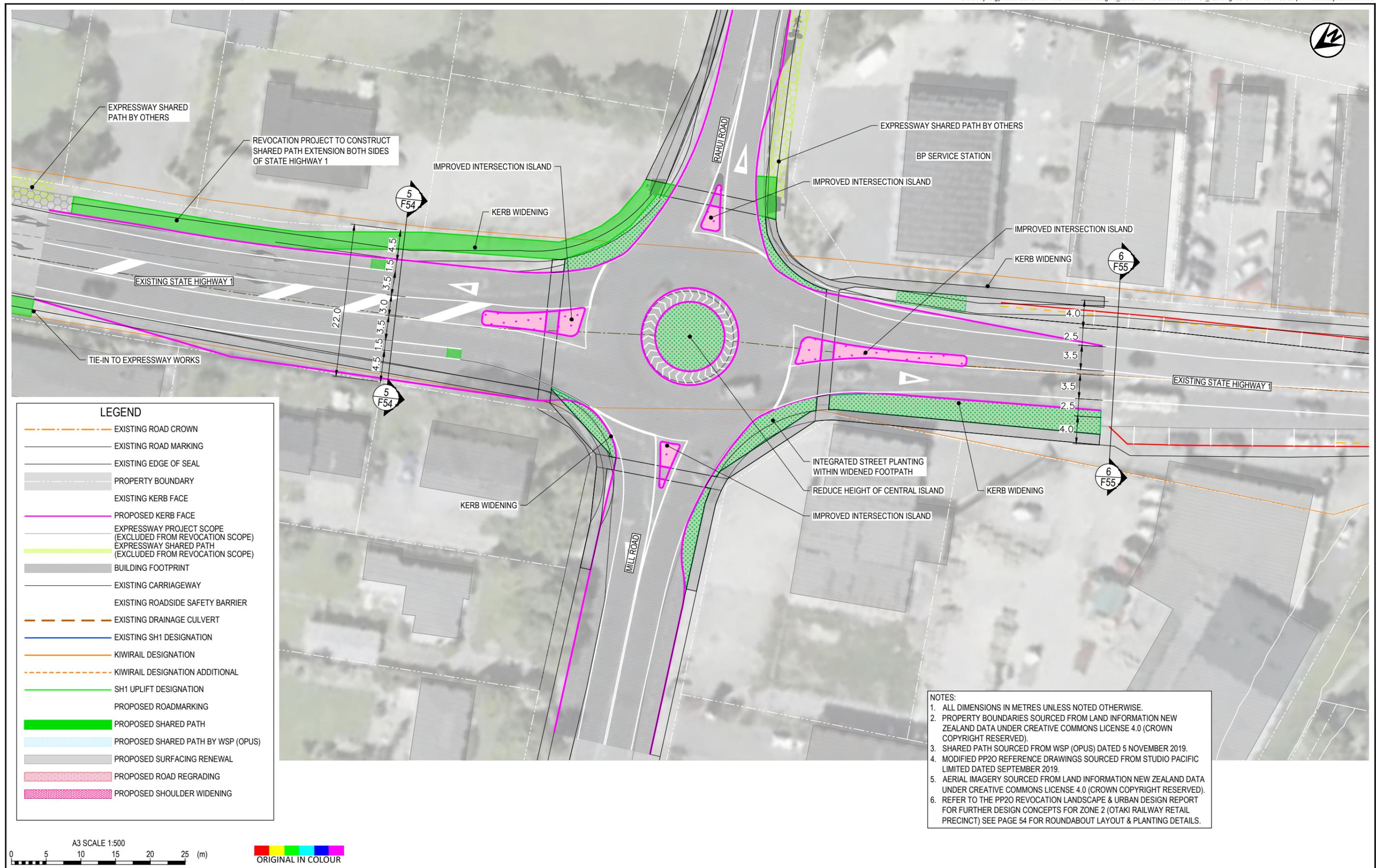
TITLE PROJECT SCOPE CONCEPT DESIGN
TYPICAL CROSS SECTIONS SHEET 12

SCALE (A3) 1:100

FIG No. 85920.0030-F061

REV 1

APPROVED DATE



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PROJECT No. 00085920.0030

DESIGNED	CYSA	Nov.19
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CLIENT NZ TRANSPORT AGENCY

PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

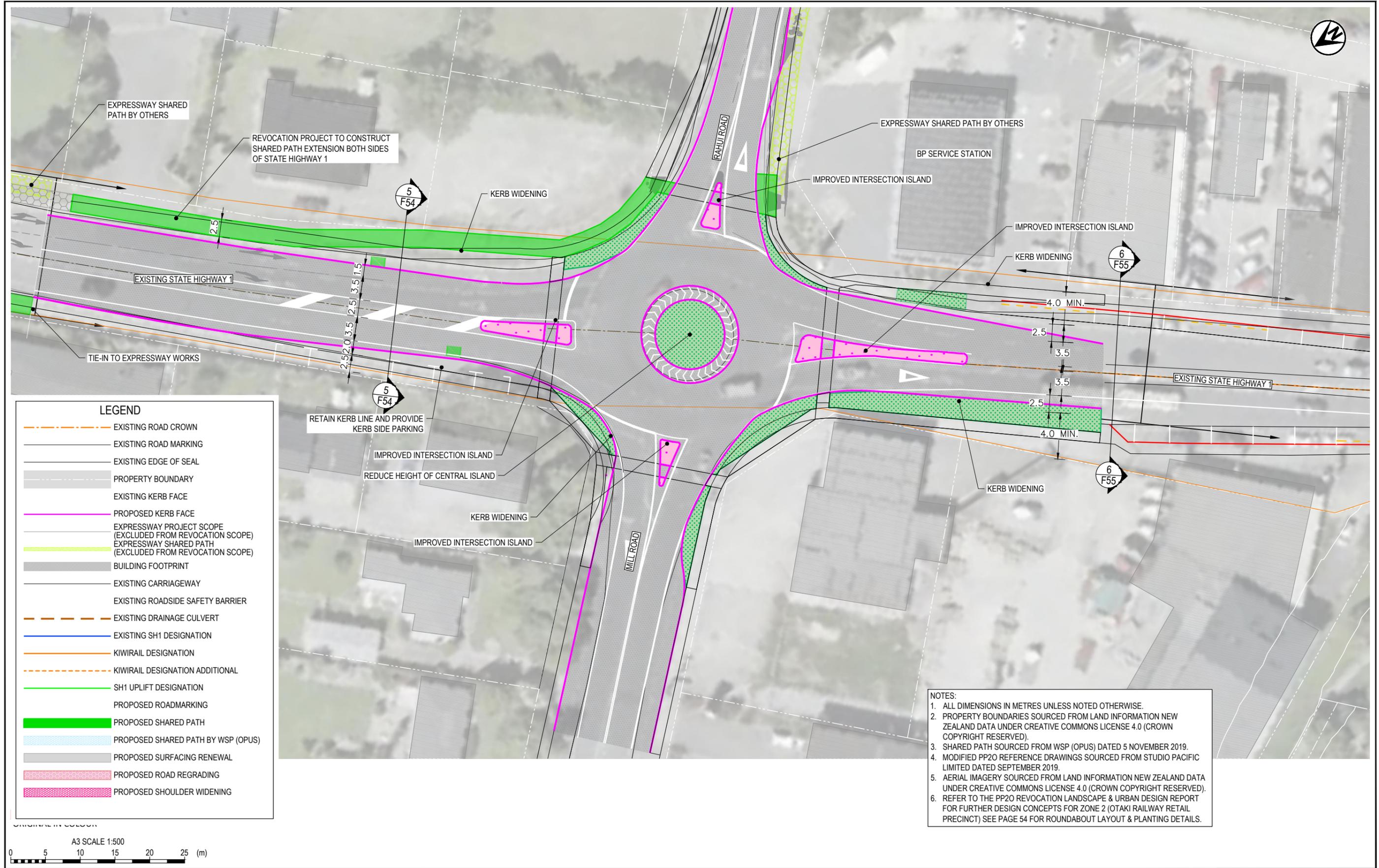
TITLE PROJECT SCOPE CONCEPT DESIGN
RAHUI RD/MILL RD/SH1 INTERSECTION PLAN OPTION 1

APPROVED DATE

SCALE (A3) 1:500

FIG No. 85920.0030-F101

REV 1



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PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

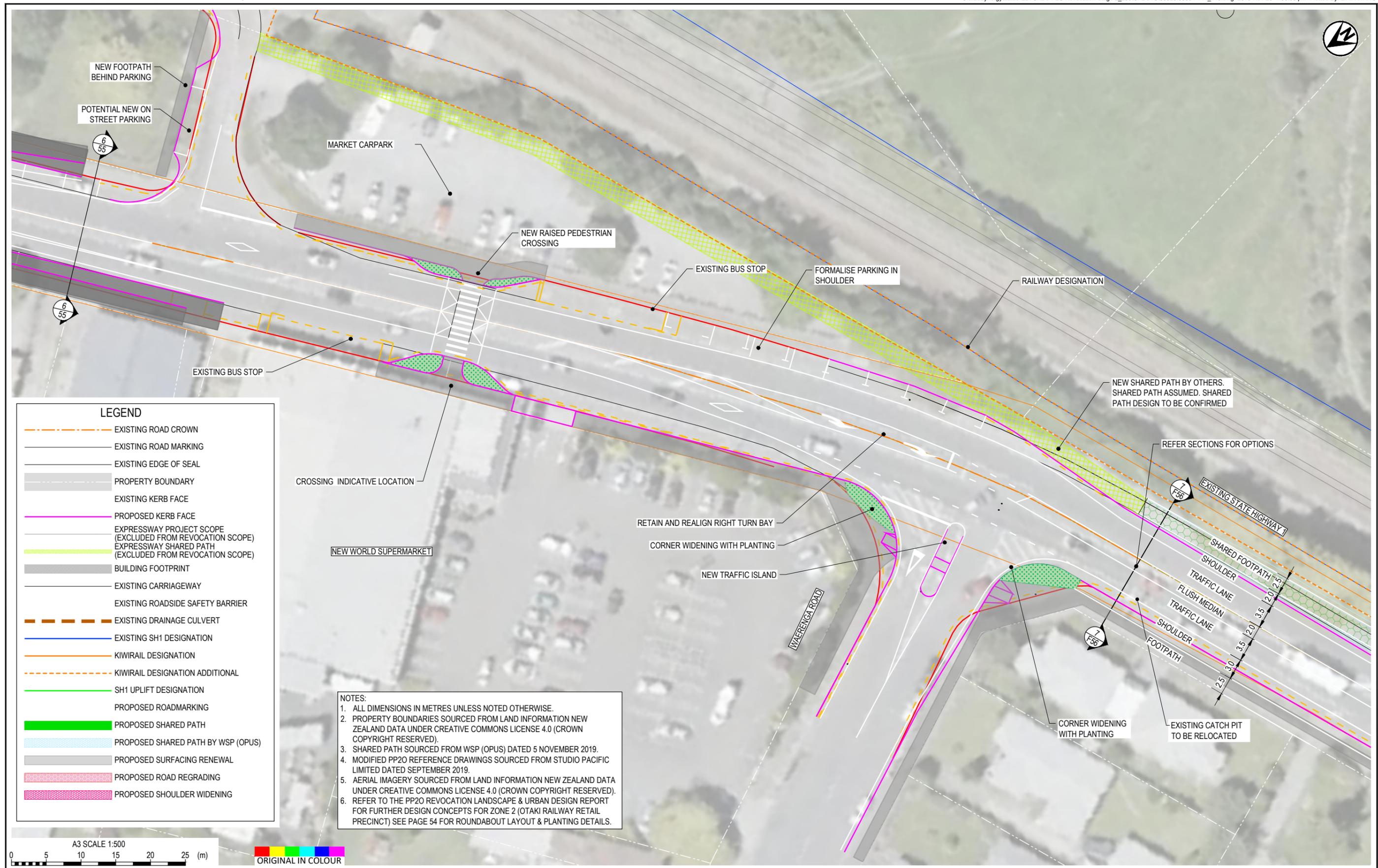
TITLE PROJECT SCOPE CONCEPT DESIGN
RAHUI RD/MILL RD/SH1 INTERSECTION PLAN OPTION 2

APPROVED DATE

SCALE (A3) 1:500

FIG No. 85920.0030-F102

REV 1



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PROJECT No. 00085920.0030

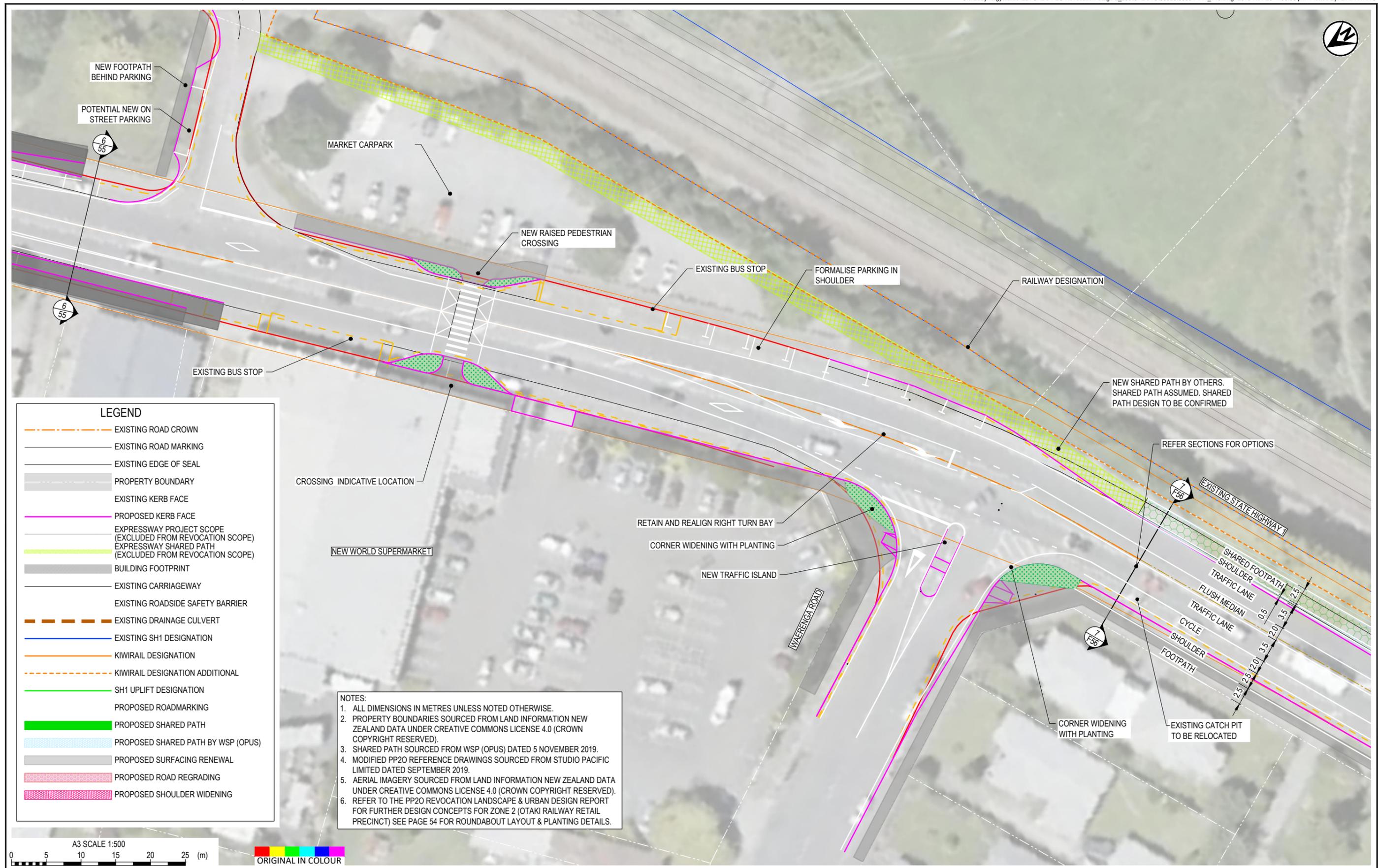
DESIGNED	CYSA	Nov.19
DRAWN	BRMA	Nov.19
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CLIENT NZ TRANSPORT AGENCY
PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
WAERENGA RD/SH1 INTERSECTION PLAN OPTION 1

SCALE (A3) 1:500 FIG No. 85920.0030-F111 REV 1



THIS FIGURE IS NOT TO BE USED FOR CONSTRUCTION PURPOSES



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PROJECT No. 00085920.0030

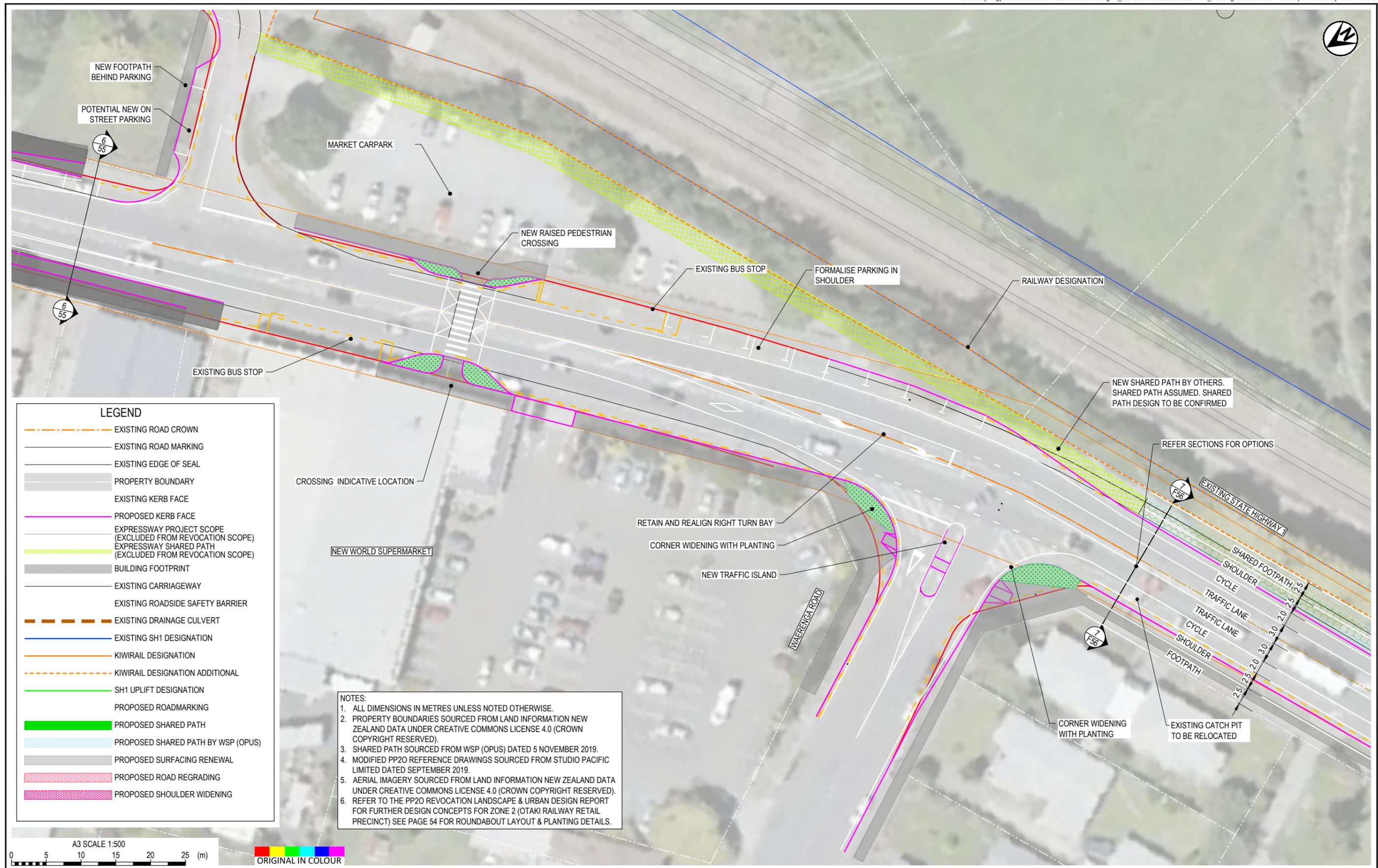
DESIGNED	CYSA	Nov.19
DRAWN	BRMA	Nov.19
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CLIENT NZ TRANSPORT AGENCY
PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
WAERENGA RD/SH1 INTERSECTION PLAN OPTION 2

SCALE (A3) 1:500 FIG No. 85920.0030-F112 REV 1



THIS FIGURE IS NOT TO BE USED FOR CONSTRUCTION PURPOSES



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PROJECT No. 00085920.0030

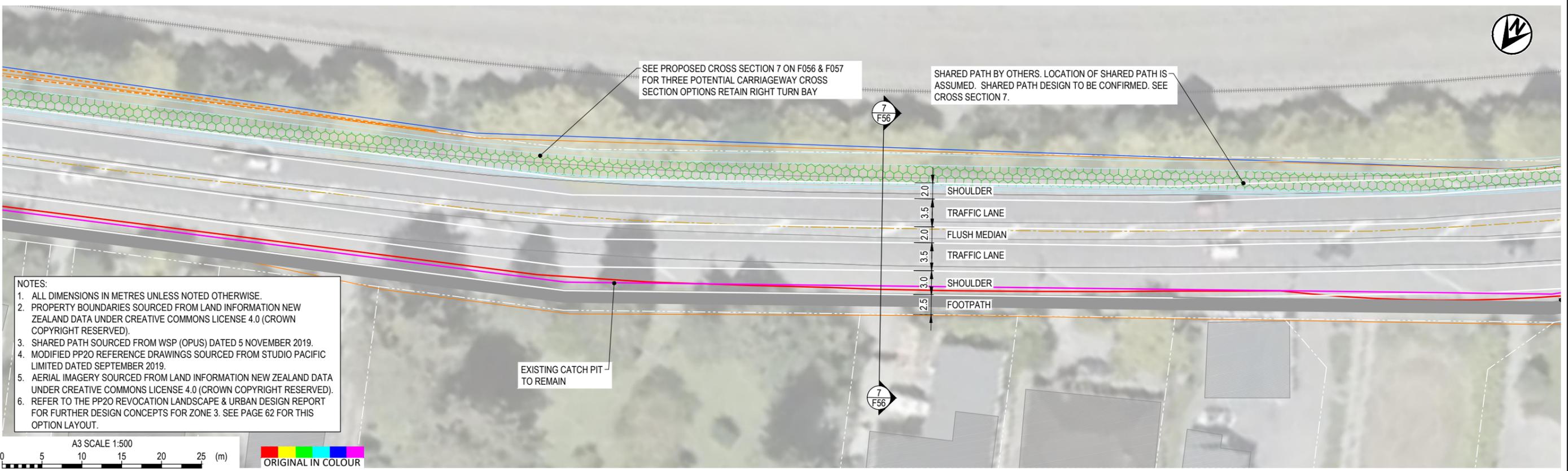
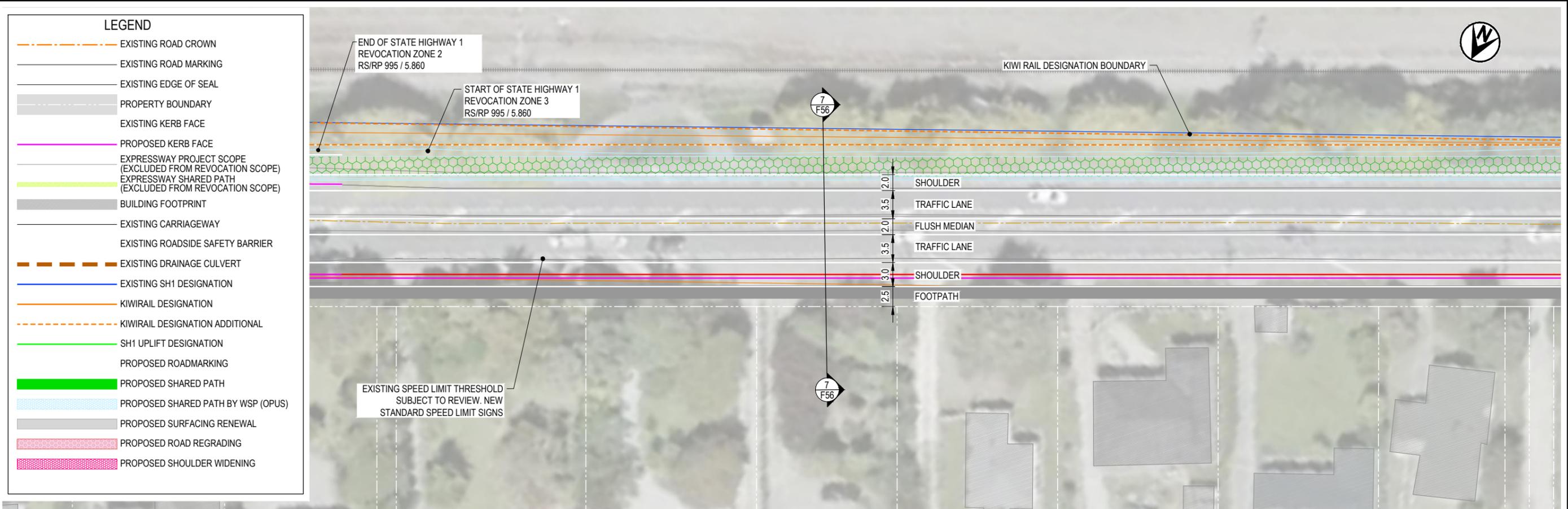
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CLIENT NZ TRANSPORT AGENCY
PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
WAERENGA RD/SH1 INTERSECTION PLAN OPTION 3

SCALE (A3) 1:500 FIG No. 85920.0030-F113 REV 1



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THIS FIGURE IS NOT TO BE USED FOR CONSTRUCTION PURPOSES



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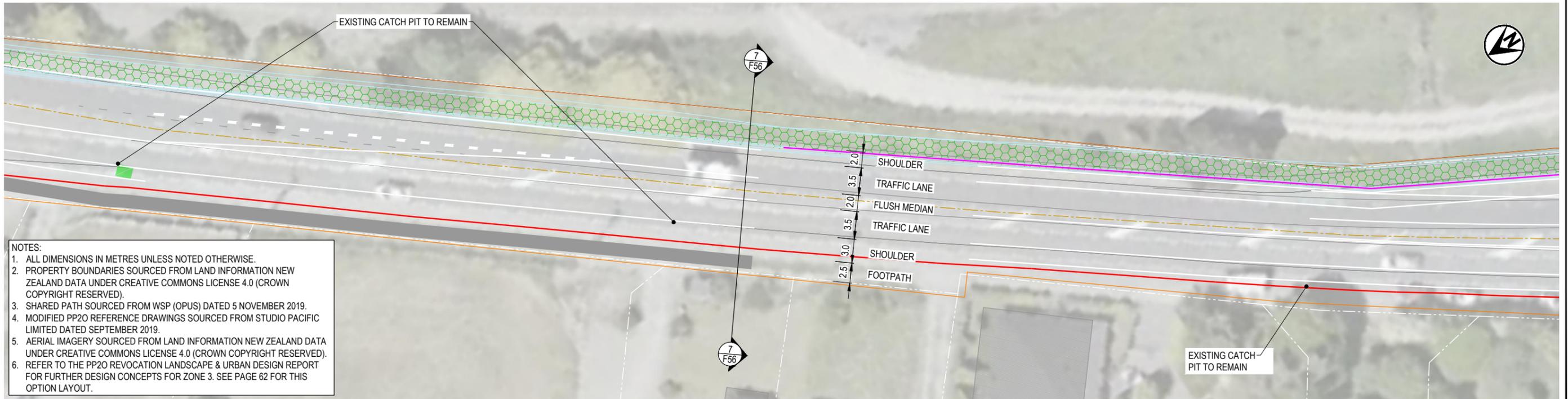
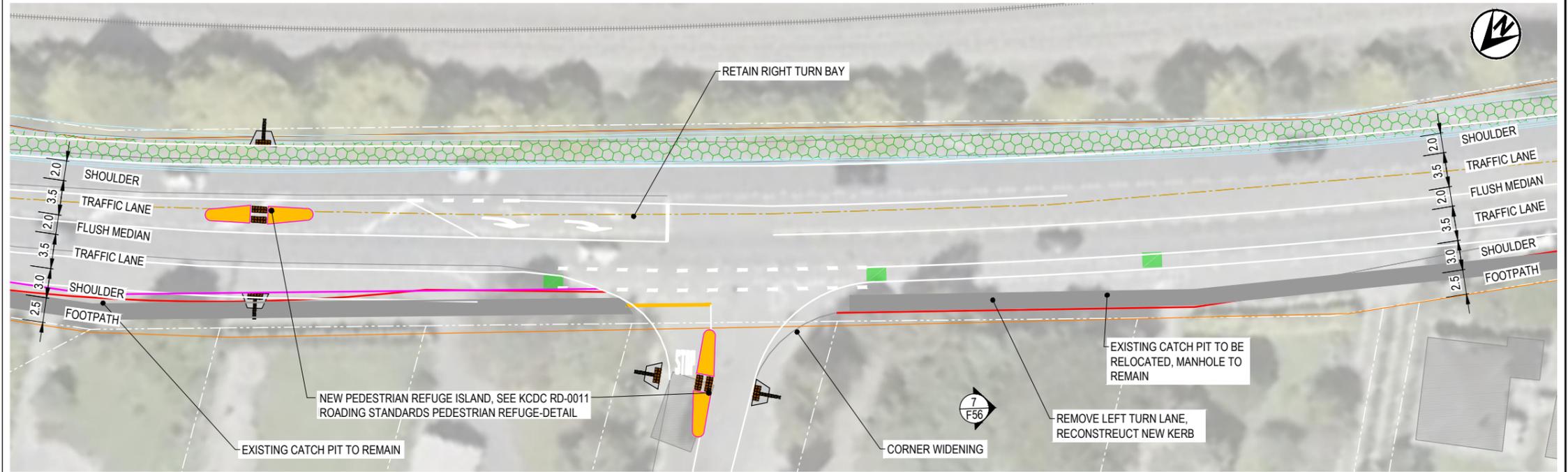


PROJECT No. 00085920.0030		
DESIGNED	CYSA	Nov.19
DRAWN	BRMA	Nov.19
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APPROVED	DATE	

CLIENT	NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION
TITLE	PROJECT SCOPE CONCEPT DESIGN SH1 WAERENGA RD TO RIVERBANK OPTION 1 SHEET 1
SCALE (A3)	1:500
FIG No.	85920.0030-F114
REV	1

LEGEND

- EXISTING ROAD CROWN
- EXISTING ROAD MARKING
- EXISTING EDGE OF SEAL
- PROPERTY BOUNDARY
- EXISTING KERB FACE
- PROPOSED KERB FACE
- EXPRESSWAY PROJECT SCOPE (EXCLUDED FROM REVOCATION SCOPE)
- EXPRESSWAY SHARED PATH (EXCLUDED FROM REVOCATION SCOPE)
- BUILDING FOOTPRINT
- EXISTING CARRIAGEWAY
- EXISTING ROADSIDE SAFETY BARRIER
- EXISTING DRAINAGE CULVERT
- EXISTING SH1 DESIGNATION
- KIWIRAIL DESIGNATION
- KIWIRAIL DESIGNATION ADDITIONAL
- SH1 UPLIFT DESIGNATION
- PROPOSED ROADMARKING
- PROPOSED SHARED PATH
- PROPOSED SHARED PATH BY WSP (OPUS)
- PROPOSED SURFACING RENEWAL
- PROPOSED ROAD REGRADING
- PROPOSED SHOULDER WIDENING



- NOTES:
1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. PROPERTY BOUNDARIES SOURCED FROM LAND INFORMATION NEW ZEALAND DATA UNDER CREATIVE COMMONS LICENSE 4.0 (CROWN COPYRIGHT RESERVED).
 3. SHARED PATH SOURCED FROM WSP (OPUS) DATED 5 NOVEMBER 2019.
 4. MODIFIED PP20 REFERENCE DRAWINGS SOURCED FROM STUDIO PACIFIC LIMITED DATED SEPTEMBER 2019.
 5. AERIAL IMAGERY SOURCED FROM LAND INFORMATION NEW ZEALAND DATA UNDER CREATIVE COMMONS LICENSE 4.0 (CROWN COPYRIGHT RESERVED).
 6. REFER TO THE PP20 REVOCATION LANDSCAPE & URBAN DESIGN REPORT FOR FURTHER DESIGN CONCEPTS FOR ZONE 3. SEE PAGE 62 FOR THIS OPTION LAYOUT.



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PROJECT No. 00085920.0030

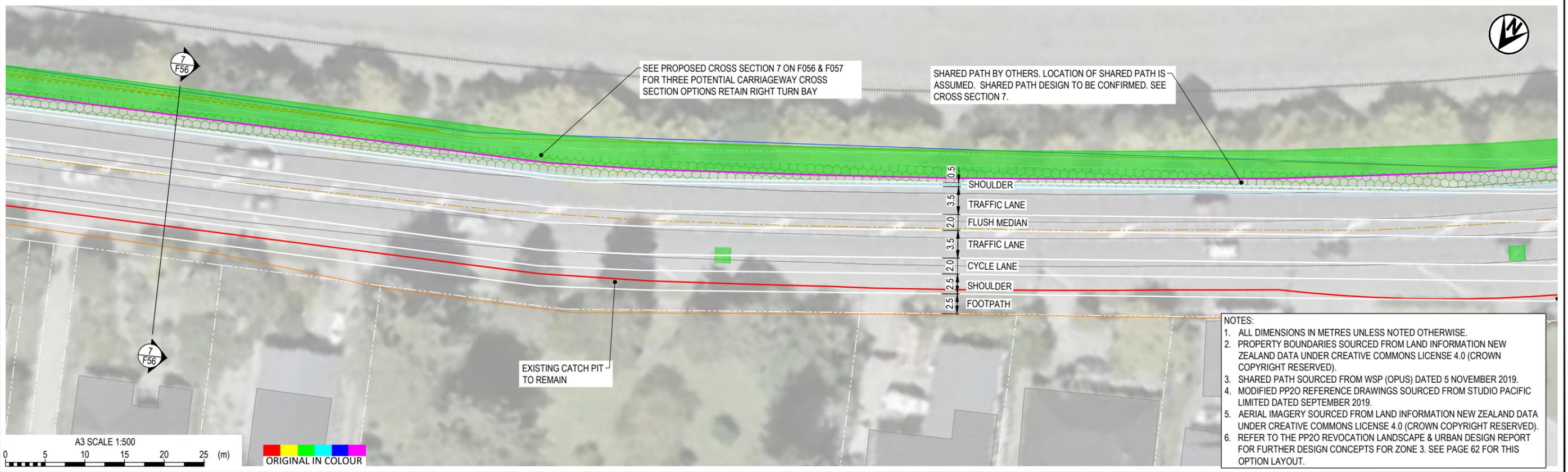
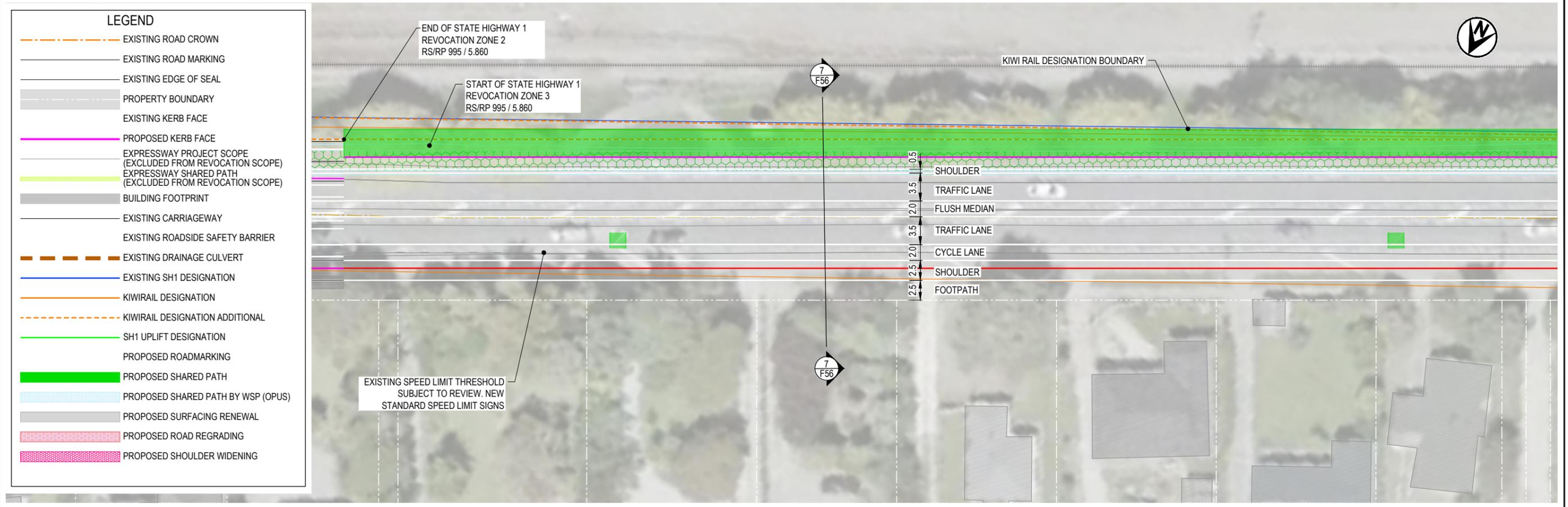
DESIGNED	CYSA	Nov.19
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CLIENT NZ TRANSPORT AGENCY
PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

TITLE PROJECT SCOPE CONCEPT DESIGN
SH1 WAERENGA RD TO RIVERBANK OPTION 1 SHEET 2

APPROVED DATE

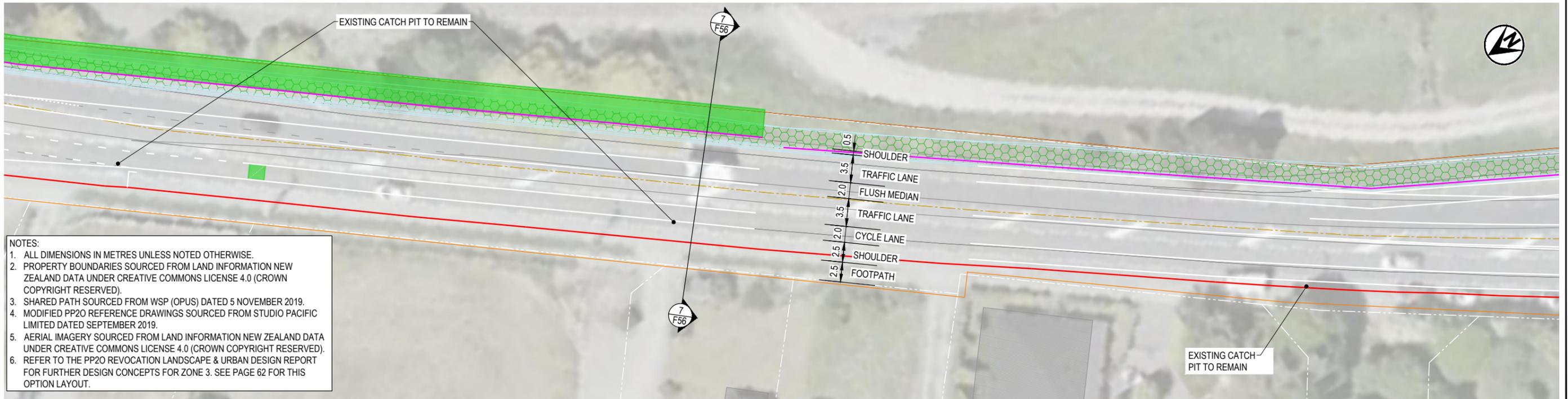
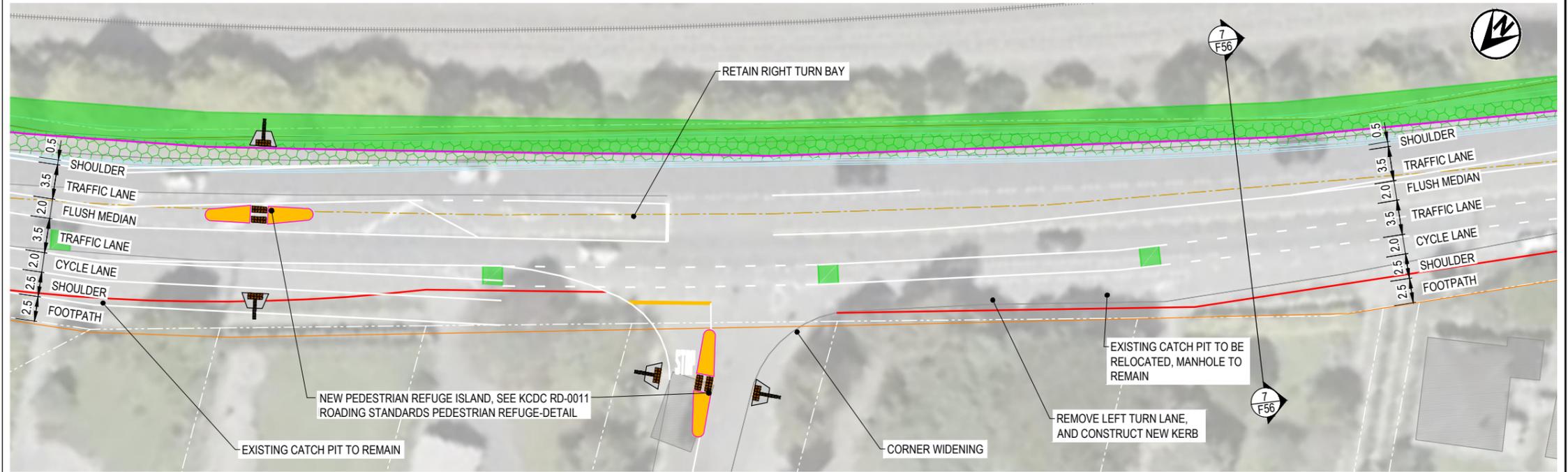
SCALE (A3) 1:500 FIG No. 85920.0030-F115 REV 1



THIS FIGURE IS NOT TO BE USED FOR CONSTRUCTION PURPOSES

LEGEND

- EXISTING ROAD CROWN
- EXISTING ROAD MARKING
- EXISTING EDGE OF SEAL
- PROPERTY BOUNDARY
- EXISTING KERB FACE
- PROPOSED KERB FACE
- EXPRESSWAY PROJECT SCOPE (EXCLUDED FROM REVOCATION SCOPE)
- EXPRESSWAY SHARED PATH (EXCLUDED FROM REVOCATION SCOPE)
- BUILDING FOOTPRINT
- EXISTING CARRIAGEWAY
- EXISTING ROADSIDE SAFETY BARRIER
- EXISTING DRAINAGE CULVERT
- EXISTING SH1 DESIGNATION
- KIWIRAIL DESIGNATION
- KIWIRAIL DESIGNATION ADDITIONAL
- SH1 UPLIFT DESIGNATION
- PROPOSED ROADMARKING
- PROPOSED SHARED PATH
- PROPOSED SHARED PATH BY WSP (OPUS)
- PROPOSED SURFACING RENEWAL
- PROPOSED ROAD REGRADING
- PROPOSED SHOULDER WIDENING



- NOTES:
1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. PROPERTY BOUNDARIES SOURCED FROM LAND INFORMATION NEW ZEALAND DATA UNDER CREATIVE COMMONS LICENSE 4.0 (CROWN COPYRIGHT RESERVED).
 3. SHARED PATH SOURCED FROM WSP (OPUS) DATED 5 NOVEMBER 2019.
 4. MODIFIED PP20 REFERENCE DRAWINGS SOURCED FROM STUDIO PACIFIC LIMITED DATED SEPTEMBER 2019.
 5. AERIAL IMAGERY SOURCED FROM LAND INFORMATION NEW ZEALAND DATA UNDER CREATIVE COMMONS LICENSE 4.0 (CROWN COPYRIGHT RESERVED).
 6. REFER TO THE PP20 REVOCATION LANDSCAPE & URBAN DESIGN REPORT FOR FURTHER DESIGN CONCEPTS FOR ZONE 3. SEE PAGE 62 FOR THIS OPTION LAYOUT.



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PROJECT No. 00085920.0030

DESIGNED	CYSA	Nov.19
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CLIENT NZ TRANSPORT AGENCY

PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

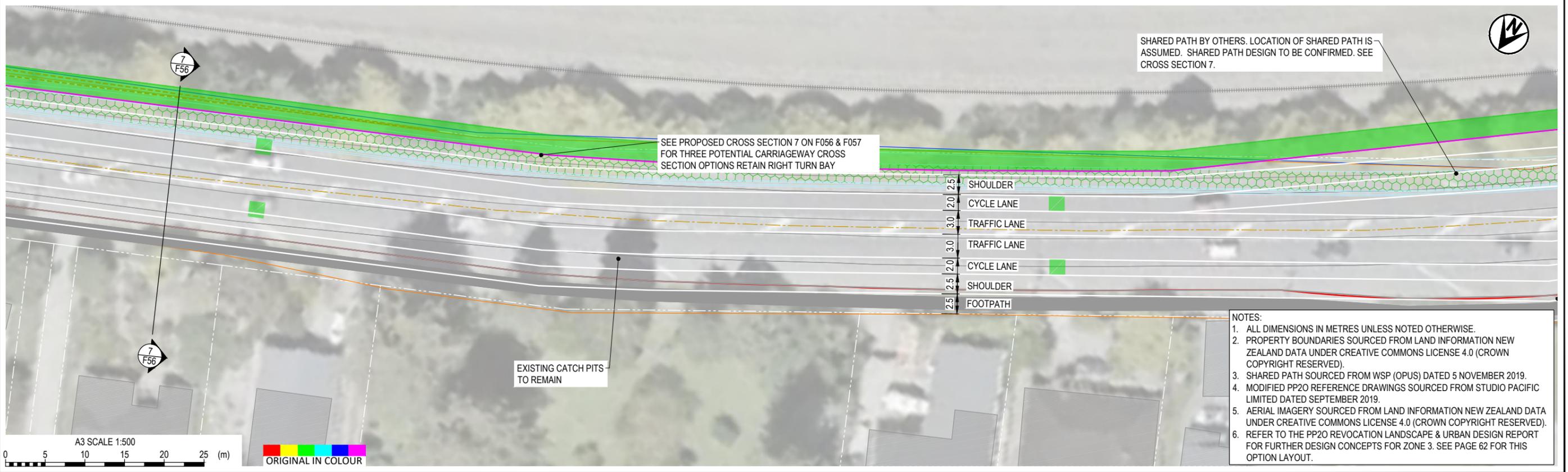
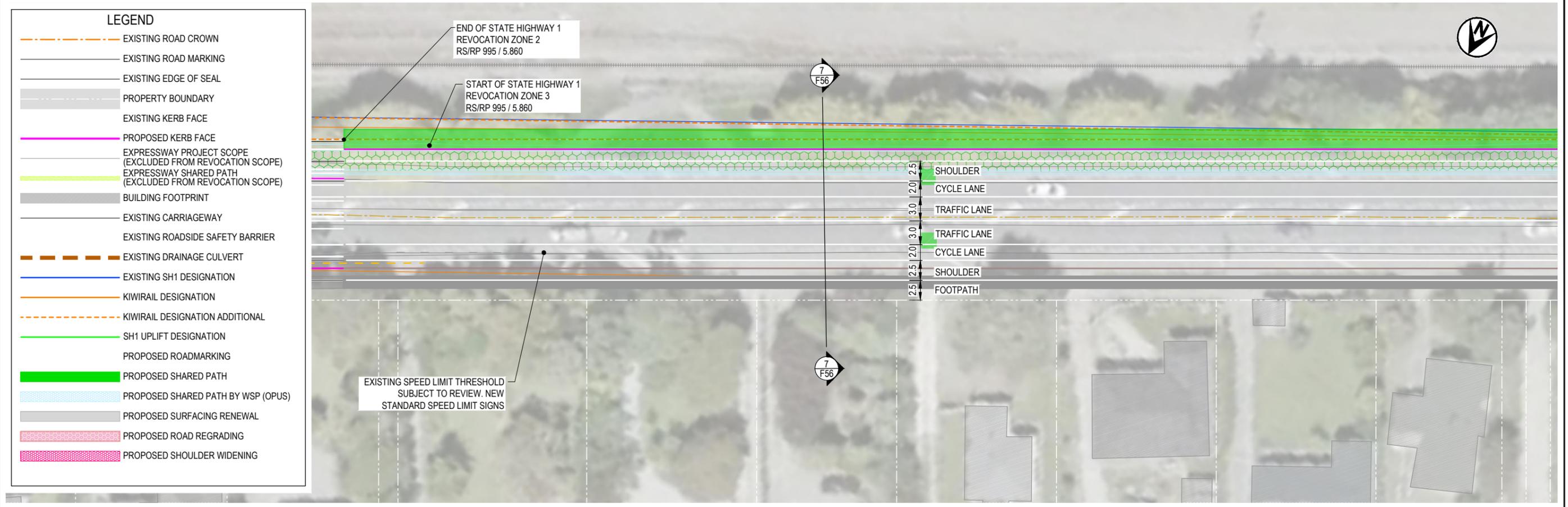
TITLE PROJECT SCOPE CONCEPT DESIGN
SH1 WAERENGA RD TO RIVERBANK OPTION 2 SHEET 2

SCALE (A3) 1:500

FIG No. 85920.0030-F117

REV 1

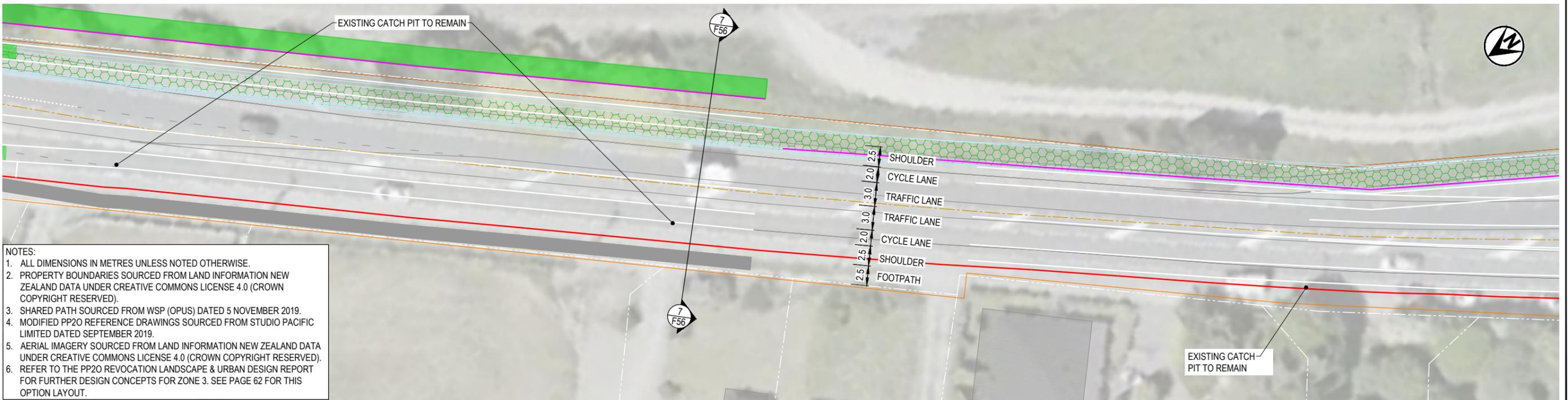
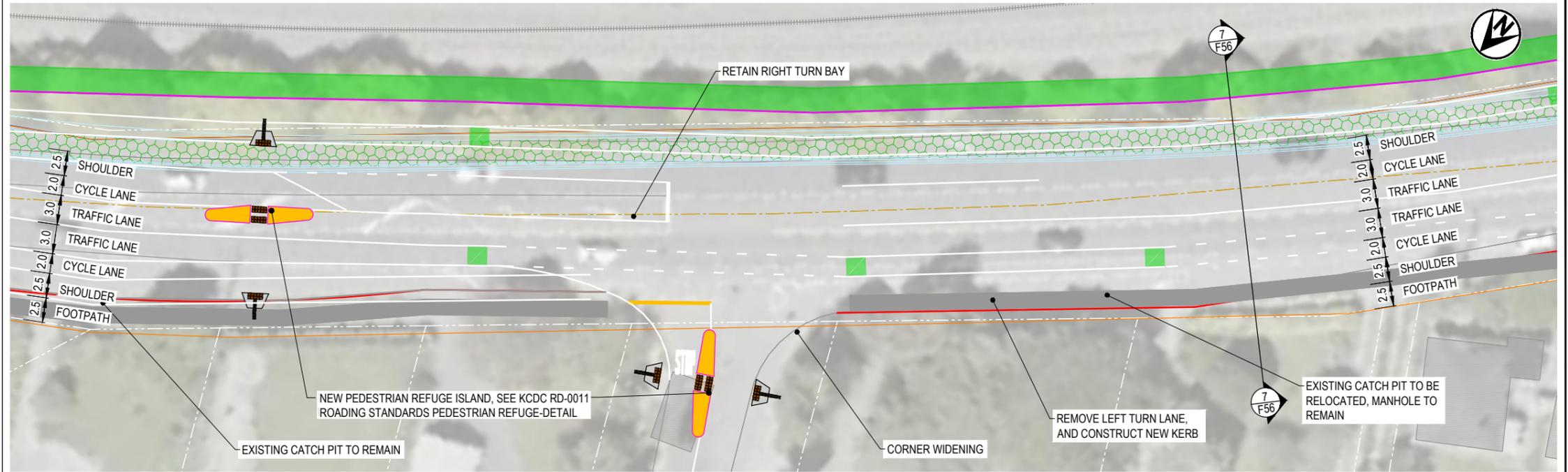
APPROVED DATE



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LEGEND

- EXISTING ROAD CROWN
- EXISTING ROAD MARKING
- EXISTING EDGE OF SEAL
- PROPERTY BOUNDARY
- EXISTING KERB FACE
- PROPOSED KERB FACE
- EXPRESSWAY PROJECT SCOPE (EXCLUDED FROM REVOCATION SCOPE)
- EXPRESSWAY SHARED PATH (EXCLUDED FROM REVOCATION SCOPE)
- BUILDING FOOTPRINT
- EXISTING CARRIAGEWAY
- EXISTING ROADSIDE SAFETY BARRIER
- EXISTING DRAINAGE CULVERT
- EXISTING SH1 DESIGNATION
- KIWRAIL DESIGNATION
- KIWRAIL DESIGNATION ADDITIONAL
- SH1 UPLIFT DESIGNATION
- PROPOSED ROADMARKING
- PROPOSED SHARED PATH
- PROPOSED SHARED PATH BY WSP (OPUS)
- PROPOSED SURFACING RENEWAL
- PROPOSED ROAD REGRADING
- PROPOSED SHOULDER WIDENING



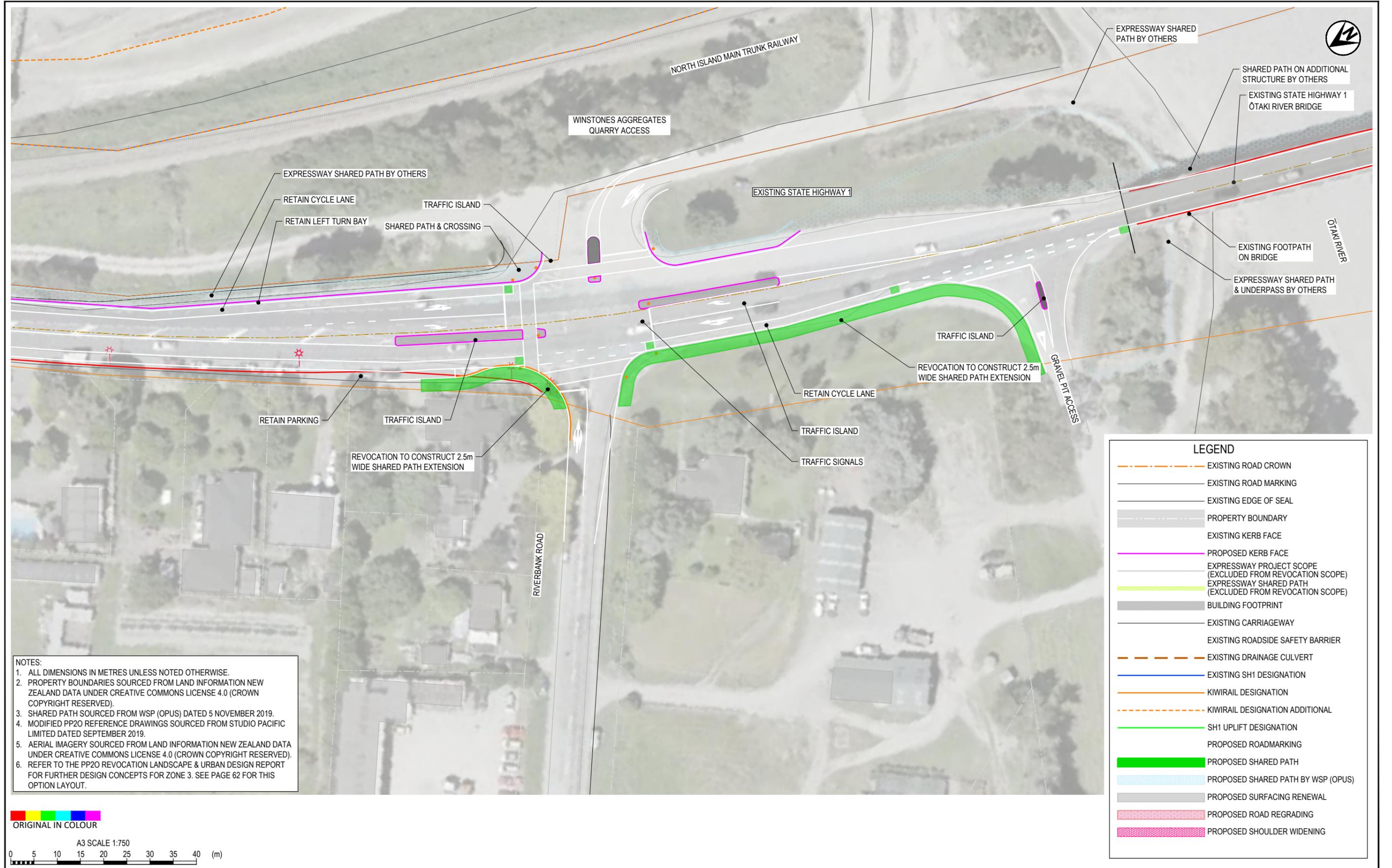
- NOTES:
- ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 - PROPERTY BOUNDARIES SOURCED FROM LAND INFORMATION NEW ZEALAND DATA UNDER CREATIVE COMMONS LICENSE 4.0 (CROWN COPYRIGHT RESERVED).
 - SHARED PATH SOURCED FROM WSP (OPUS) DATED 5 NOVEMBER 2019.
 - MODIFIED PP20 REFERENCE DRAWINGS SOURCED FROM STUDIO PACIFIC LIMITED DATED SEPTEMBER 2019.
 - AERIAL IMAGERY SOURCED FROM LAND INFORMATION NEW ZEALAND DATA UNDER CREATIVE COMMONS LICENSE 4.0 (CROWN COPYRIGHT RESERVED).
 - REFER TO THE PP20 REVOCATION LANDSCAPE & URBAN DESIGN REPORT FOR FURTHER DESIGN CONCEPTS FOR ZONE 3. SEE PAGE 62 FOR THIS OPTION LAYOUT.



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PROJECT No. 00085920.0030		
DESIGNED	CYSA	Nov.19
DRAWN	BRMA	Nov.19
CHECKED		
APPROVED	DATE	

CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION		
TITLE	PROJECT SCOPE CONCEPT DESIGN SH1 WAERENGA RD TO RIVERBANK OPTION 3 SHEET 2		
SCALE (A3)	1:500	FIG No.	85920.0030-F119
		REV	1



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CLIENT NZ TRANSPORT AGENCY

PROJECT PEKA PEKA TO OTAKI SH1 REVOCATION

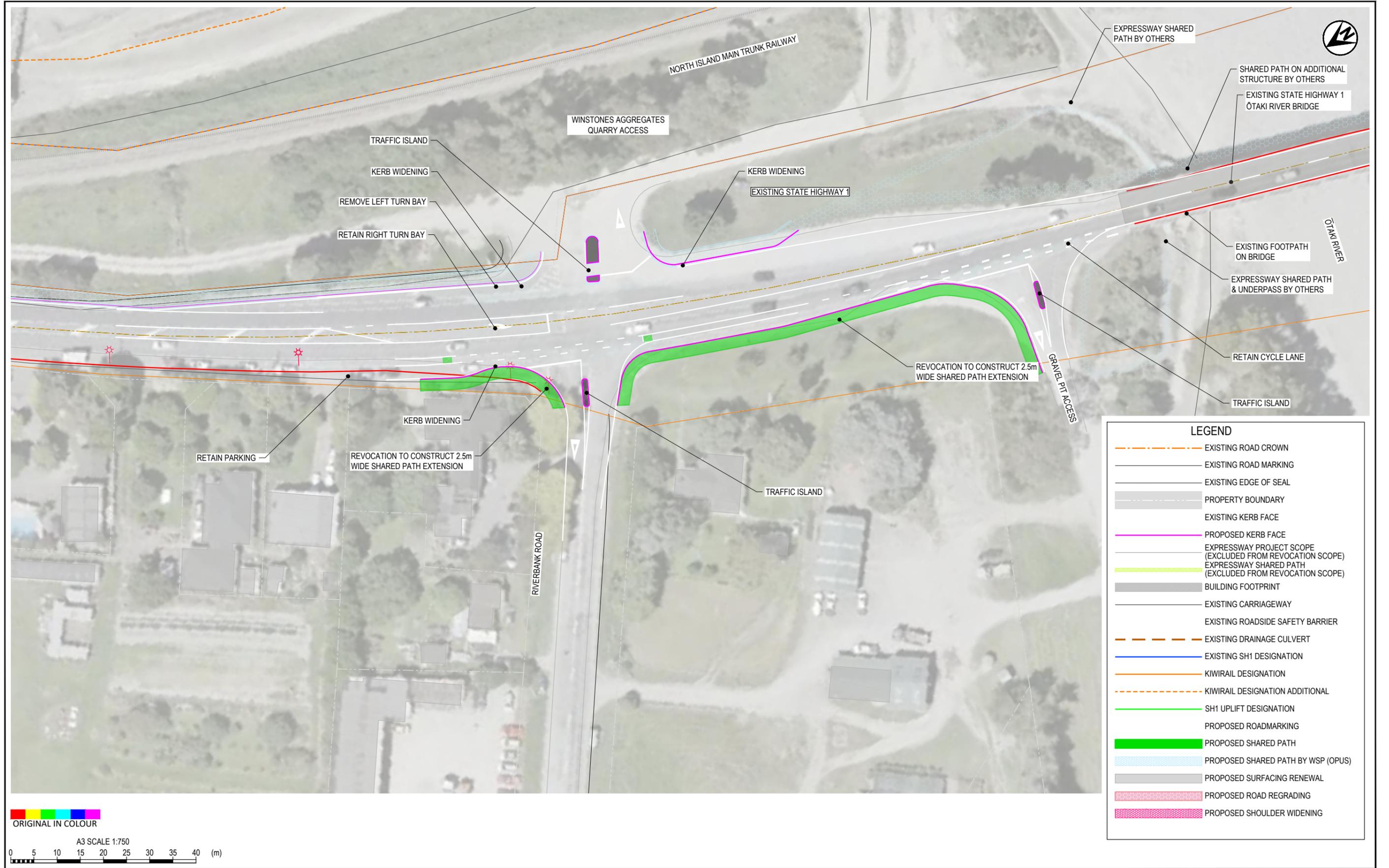
TITLE PROJECT SCOPE CONCEPT DESIGN
RIVERBANK RD/SH1 - TRAFFIC SIGNALS OPTION 1

SCALE (A3) 1:750

FIG No. 85920.0030-F120

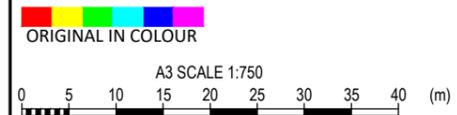
REV 1

APPROVED DATE



LEGEND

- EXISTING ROAD CROWN
- EXISTING ROAD MARKING
- EXISTING EDGE OF SEAL
- PROPERTY BOUNDARY
- EXISTING KERB FACE
- PROPOSED KERB FACE
- EXPRESSWAY PROJECT SCOPE (EXCLUDED FROM REVOCAION SCOPE)
- EXPRESSWAY SHARED PATH (EXCLUDED FROM REVOCAION SCOPE)
- BUILDING FOOTPRINT
- EXISTING CARRIAGEWAY
- EXISTING ROADSIDE SAFETY BARRIER
- EXISTING DRAINAGE CULVERT
- EXISTING SH1 DESIGNATION
- KIWIRAIL DESIGNATION
- KIWIRAIL DESIGNATION ADDITIONAL
- SH1 UPLIFT DESIGNATION
- PROPOSED ROADMARKING
- PROPOSED SHARED PATH
- PROPOSED SHARED PATH BY WSP (OPUS)
- PROPOSED SURFACING RENEWAL
- PROPOSED ROAD REGRADING
- PROPOSED SHOULDER WIDENING



THIS FIGURE IS NOT TO BE USED FOR CONSTRUCTION PURPOSES

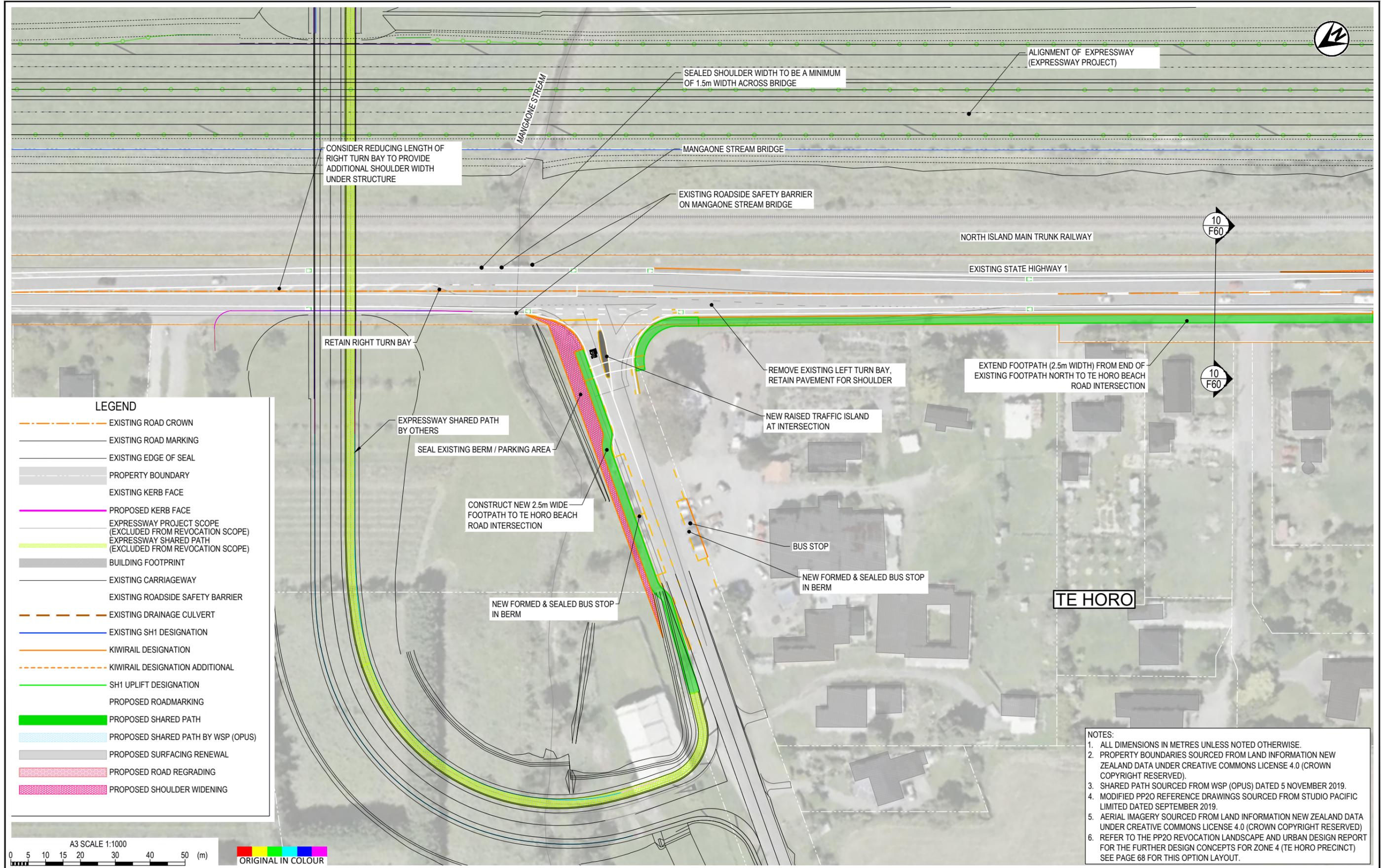
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WAKA KOTAHI
 NZ TRANSPORT AGENCY

Kāpiti Coast
 DISTRICT COUNCIL
 Me Huri Whakamuri, Ka Titiro Whakamua

PROJECT No. 00085920.0030		
DESIGNED	CYSA	Nov.19
DRAWN	BRMA	Nov.19
CHECKED		
APPROVED	DATE	

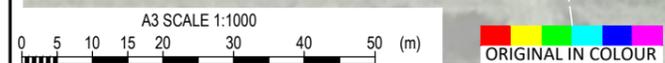
CLIENT	NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCAION		
TITLE	PROJECT SCOPE CONCEPT DESIGN RIVERBANK RD/SH1 - PRIORITY CONTROL OPTION 2		
SCALE (A3)	1:750	FIG No.	85920.0030-F121
		REV	1



LEGEND

- EXISTING ROAD CROWN
- EXISTING ROAD MARKING
- EXISTING EDGE OF SEAL
- PROPERTY BOUNDARY
- EXISTING KERB FACE
- PROPOSED KERB FACE
- EXPRESSWAY PROJECT SCOPE (EXCLUDED FROM REVOCATION SCOPE)
- EXPRESSWAY SHARED PATH (EXCLUDED FROM REVOCATION SCOPE)
- BUILDING FOOTPRINT
- EXISTING CARRIAGEWAY
- EXISTING ROADSIDE SAFETY BARRIER
- EXISTING DRAINAGE CULVERT
- EXISTING SH1 DESIGNATION
- KIWRIL DESIGNATION
- KIWRIL DESIGNATION ADDITIONAL
- SH1 UPLIFT DESIGNATION
- PROPOSED ROADMARKING
- PROPOSED SHARED PATH
- PROPOSED SHARED PATH BY WSP (OPUS)
- PROPOSED SURFACING RENEWAL
- PROPOSED ROAD REGRADING
- PROPOSED SHOULDER WIDENING

- NOTES:**
1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. PROPERTY BOUNDARIES SOURCED FROM LAND INFORMATION NEW ZEALAND DATA UNDER CREATIVE COMMONS LICENSE 4.0 (CROWN COPYRIGHT RESERVED).
 3. SHARED PATH SOURCED FROM WSP (OPUS) DATED 5 NOVEMBER 2019.
 4. MODIFIED PP20 REFERENCE DRAWINGS SOURCED FROM STUDIO PACIFIC LIMITED DATED SEPTEMBER 2019.
 5. AERIAL IMAGERY SOURCED FROM LAND INFORMATION NEW ZEALAND DATA UNDER CREATIVE COMMONS LICENSE 4.0 (CROWN COPYRIGHT RESERVED)
 6. REFER TO THE PP20 REVOCATION LANDSCAPE AND URBAN DESIGN REPORT FOR THE FURTHER DESIGN CONCEPTS FOR ZONE 4 (TE HORO PRECINCT) SEE PAGE 68 FOR THIS OPTION LAYOUT.



THIS FIGURE IS NOT TO BE USED FOR CONSTRUCTION PURPOSES

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WAKA KOTAHI
 NZ TRANSPORT AGENCY

Kāpiti Coast
 DISTRICT COUNCIL
 Me Huri Whakamuri, Ka Titiro Whakamua

PROJECT No. 00085920.0030		
DESIGNED	CYSA	Nov.19
DRAWN	BRMA	Nov.19
CHECKED		
APPROVED	DATE	

CLIENT	NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION
TITLE	PROJECT SCOPE CONCEPT DESIGN TE HORO BEACH RD/SH1 INTERSECTION PLAN
SCALE (A3)	1:1000
FIG No.	85920.0030-F131
REV	1