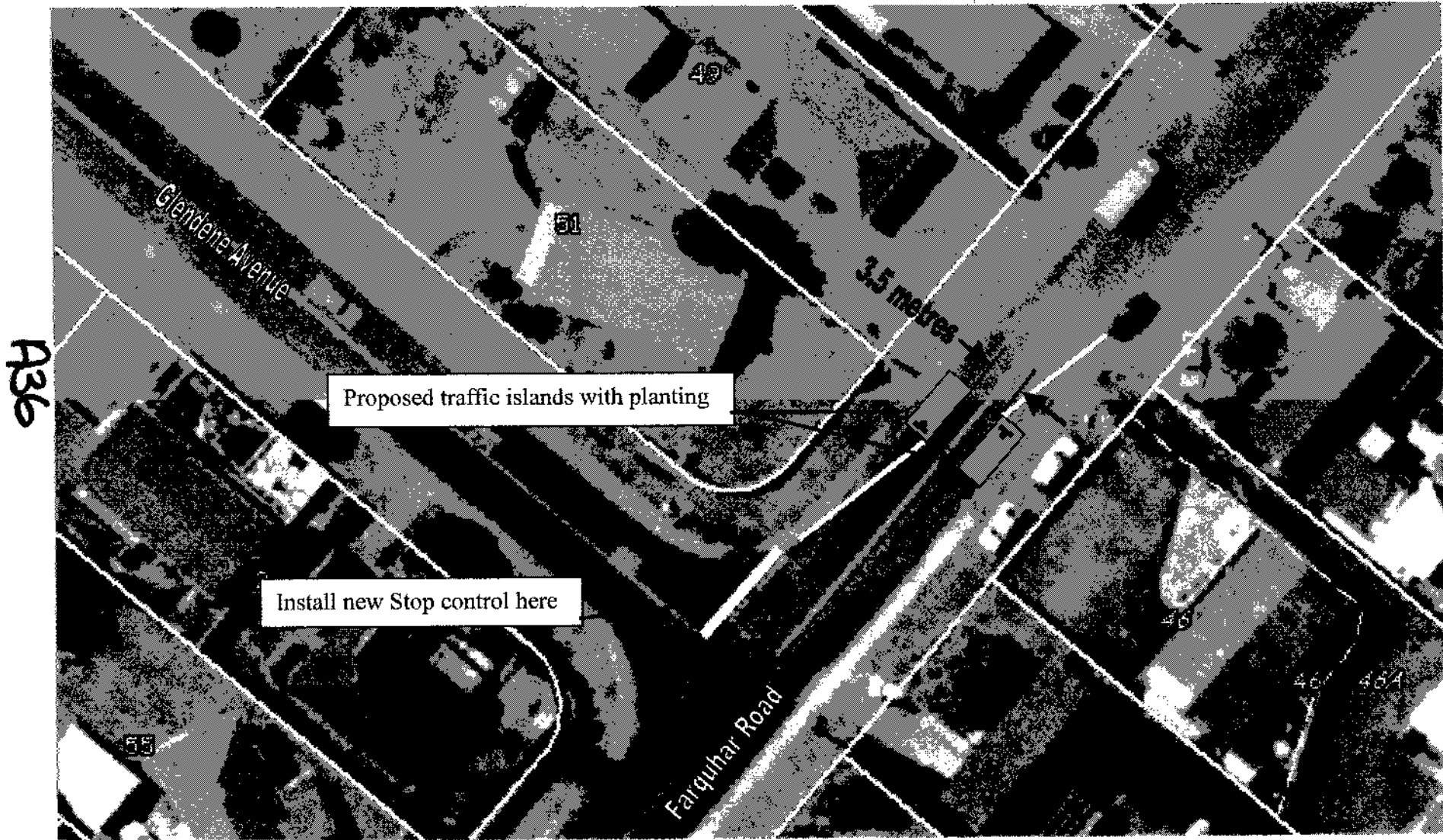
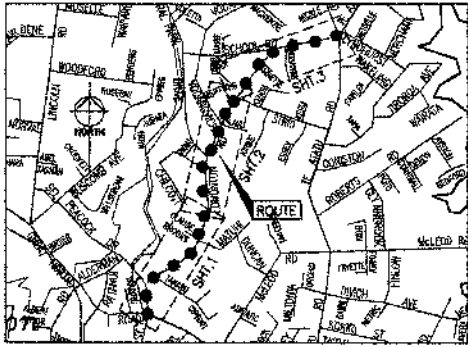


Proposed Traffic Islands Farquhar Road





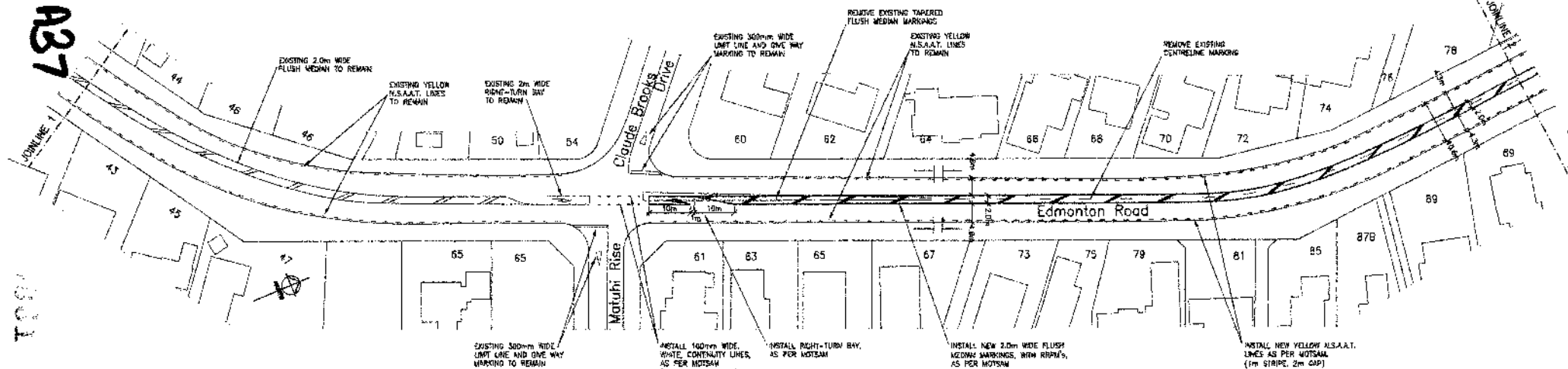
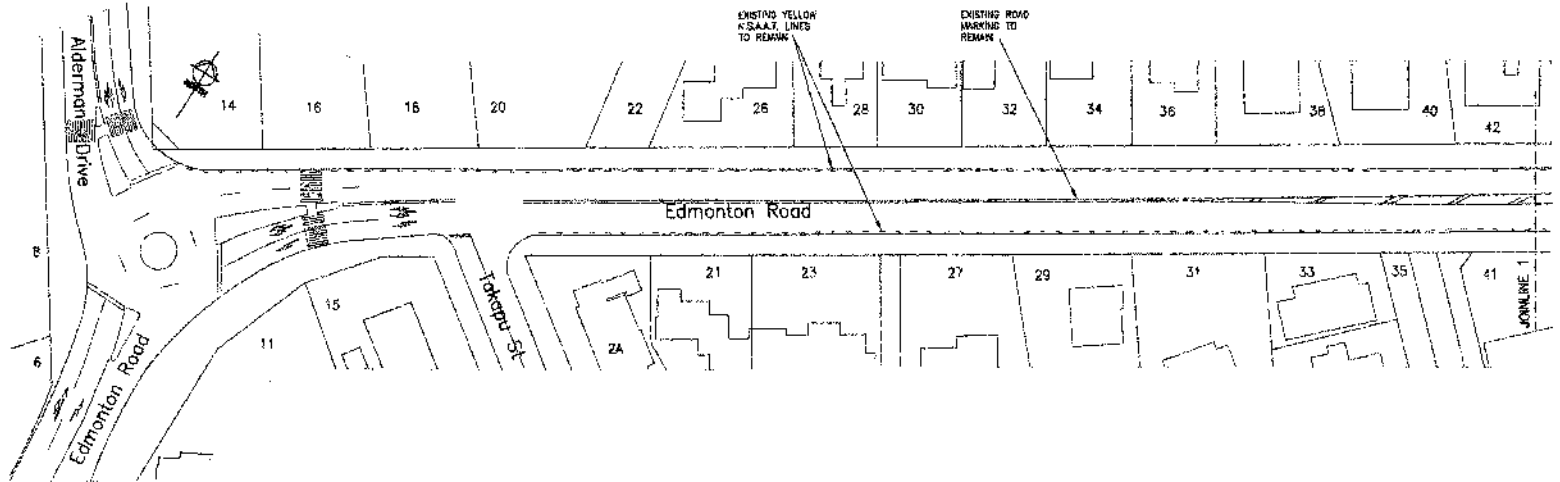
LOCALITY DIAGRAM SCHEMATIC

STANDARD ROADMARKING NOTES

- All road markings to comply with L.I.S.A. (T.N.Z.) Manual of Traffic Signs & Markings—Part 2: Markings, unless otherwise indicated.
- All existing markings to be removed where they conflict with new markings. Where required, existing roadmarking shall be completely removed by high pressure water blasting prior to application of new lines.
- Reflective pavement markers (RPM's) for flush median & centrelines, shall be bi-directional white RPM's, unless otherwise shown.
- All N.S.A.A.T. markings to be yellow 1m line, 2m gap unless shown otherwise.
- All signs to comply with '92 Manual of Traffic Signs and Markings—Part 1: Traffic Signs'
- Signposts, sockets and sleeve details shall be supplied & installed as per Standard 50 3.27 etc.

GENERAL NOTES

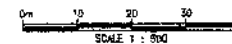
- Works in terms of Territory NZ Etd. datum.
- Australian 1984 Datum (A.S.L.).
- Coastal boundaries & underground services are from Council's G.I.S. system.
- All work to comply with Waitakere City Council's 'Code of Practice for City Infrastructure and Land Development'.
- The Contractor is responsible for physically verifying the levels and locations of the existing services before commencing work to ensure that construction can proceed as designed. Note: Gas, Telecom & Power are NOT shown on these drawings for clarity.



PRELIMINARY

WAITAKERE CITY COUNCIL

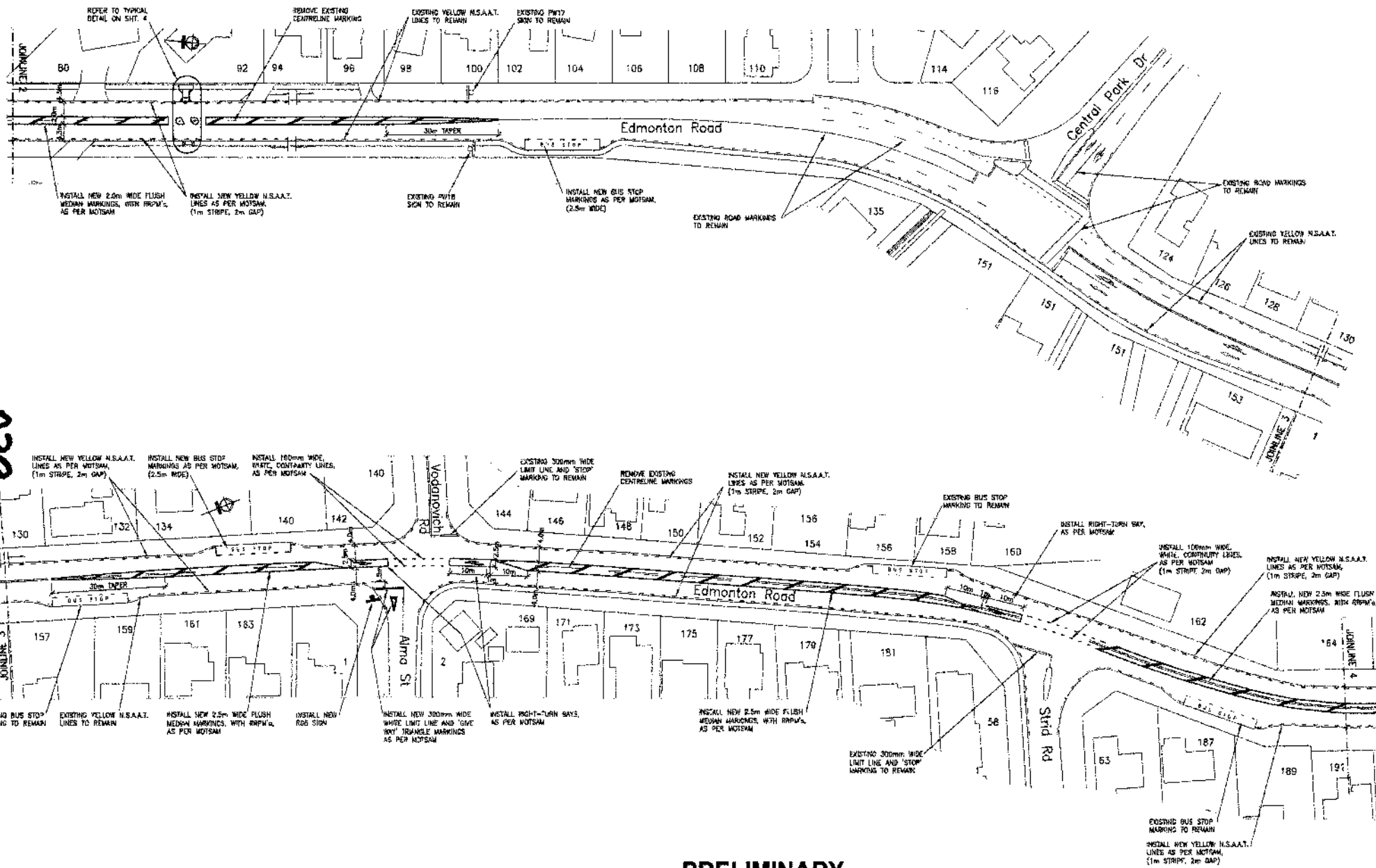
**EDMONTON ROAD
MINOR SAFETY PROJECTS
PROPOSED ROADMARKING—PLAN**



SURVEYED	DATE	REVISION	BY	DATE
DESIGNED X. Moysakidze	11/08			
DRAWN P. Vorvey	11/08			
COMPUTED P. Vorvey	11/08			
DWG CHECK				
DESIGN CHECK				
CAD FILE ..roads\RD15416	11/08			

WAITAKERE CITY COUNCIL		ORIGINAL SCALE 1:500
EDMONTON ROAD MINOR SAFETY PROJECTS PROPOSED ROADMARKING—PLAN		SHEET 1 OF 4
DRAWING No. 15416		REVISION
CONTRACT No. TA06023A		A1
SCALE 1 : 500		SHEET 1 OF 4

WAITAKERE CITY COUNCIL		ORIGINAL SCALE 1:500
EDMONTON ROAD MINOR SAFETY PROJECTS PROPOSED ROADMARKING—PLAN		SHEET 1 OF 4
DRAWING No. 15416		REVISION
CONTRACT No. TA06023A		A1
SCALE 1 : 500		SHEET 1 OF 4



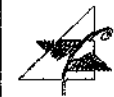
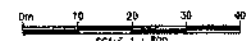
A38

15002

PRELIMINARY

W A I T A K E R E C I T Y C O U N C I L

**EDMONTON ROAD
MINOR SAFETY PROJECTS
PROPOSED ROADMARKING-PLAN**

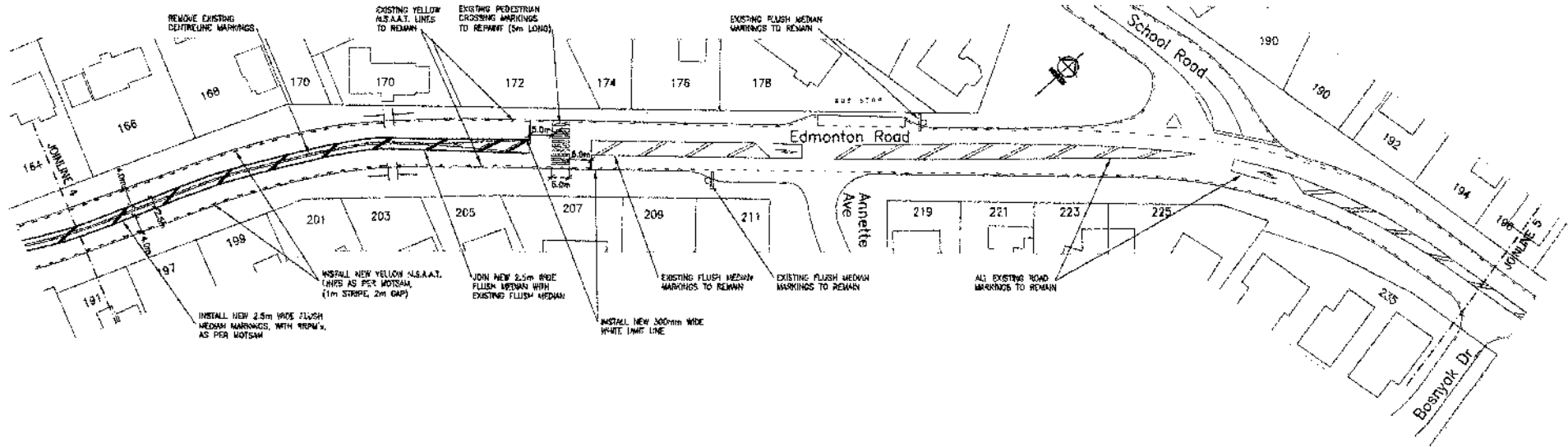


SURVEYED		DATE	
DESIGNED	K. Mayakodawa	11/08	
DRAWN	P. Varney	11/08	
COORDINATED	P. Varney	11/08	
DATE CHECK			
DESIGN CHECK			

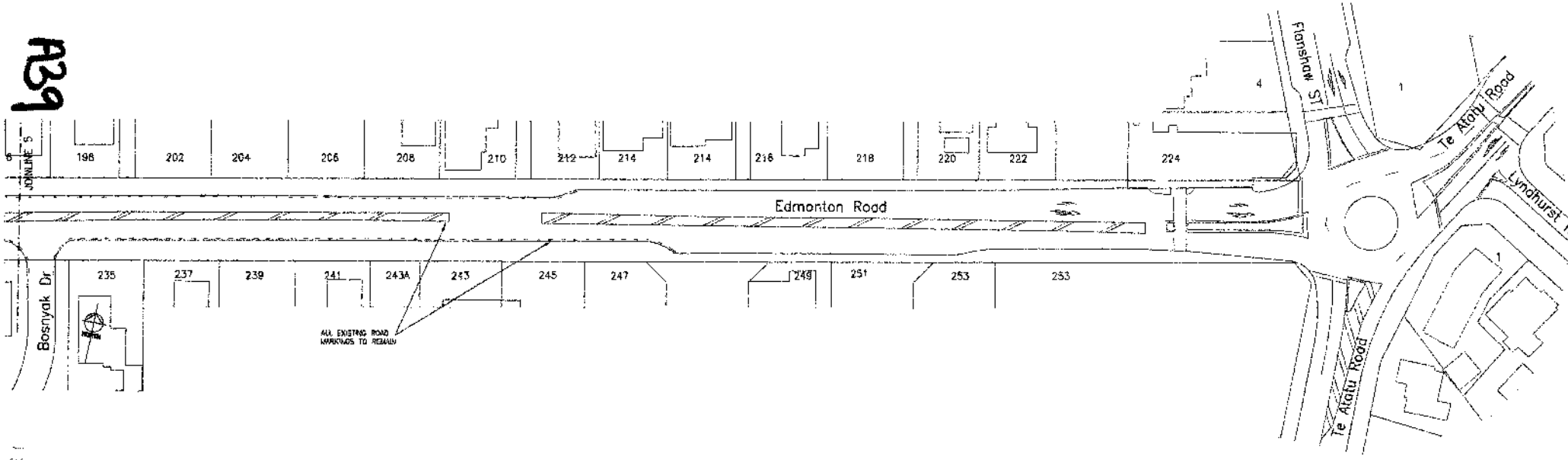
REVISION	BY	DATE

APPROVED
[Signature]

ORIGINAL SCALE 1:500	
SHEET	DRAWING No.
2	15416
OF	
4	CONTRACT No. 7606023A
	A1



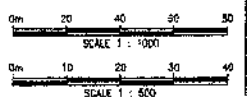
A39



PRELIMINARY

WAITAKERE CITY COUNCIL

**EDMONTON ROAD
MINOR SAFETY PROJECTS
PROPOSED ROADMARKING-PLAN**

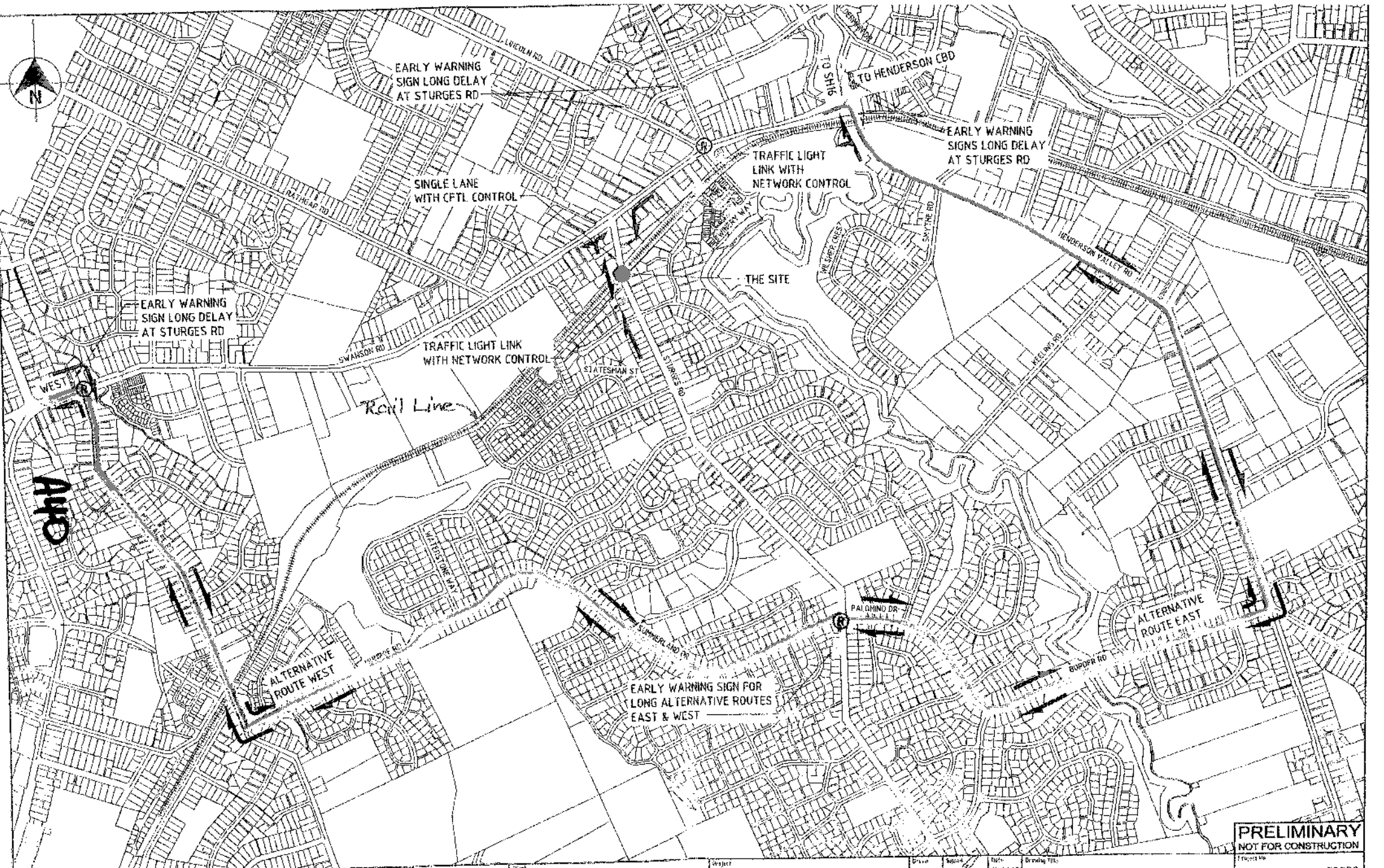


SURVEYED	DATE
DESIGNED K. Meysakuduro	11/08
DRAWN P. Verwey	11/08
COMPUTED P. Verwey	11/08
DWG CHECK	
DESIGN CHECK	
CAD FILE ..\roads\RD15416	11/08

REVISION	BY	DATE

[Signature]
PROJECT MANAGER

ORIGINAL SCALE	1:500
SHEET	3
DRAWING No.	15416
OF	4
CONTRACT No.	TA06073A
REVISION	A1



PRELIMINARY
NOT FOR CONSTRUCTION

Connell Wagner
 CONSULTANTS
 201 Box 1722, Henderson, Auckland
 100 St. Hill Street, Newmarket, Auckland
 Tel: (09) 252-4470 Fax: (09) 252-7015
 Tel: (09) 252-4470 Fax: (09) 252-7015

Waitakere City Council
 Te Kaiti o Waitakere

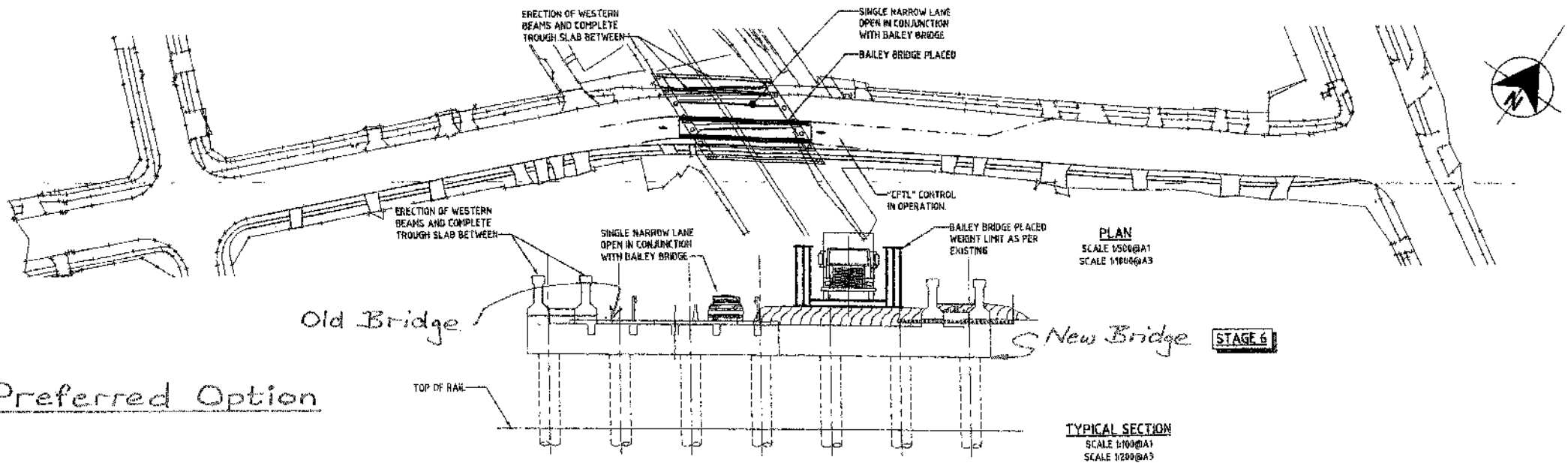
**STURGES ROAD
REPLACEMENT BRIDGE**

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CDL	1:1	09.02.07	
Design	1:1	09.02.07	
16P	1:1	09.02.07	
Checked	1:1	09.02.07	
20S	1:1	09.02.07	
Approved	1:1	09.02.07	
21S	1:1	09.02.07	

**TRAFFIC MANAGEMENT PLAN
OPTION 9**

Project No	22200
Scale	A5 SHOWN
Sheet No	A1
Project Title	TM-S109
Date	01

91 09/07/07
 1/1
 Preliminary Issue
 Roadblock Details

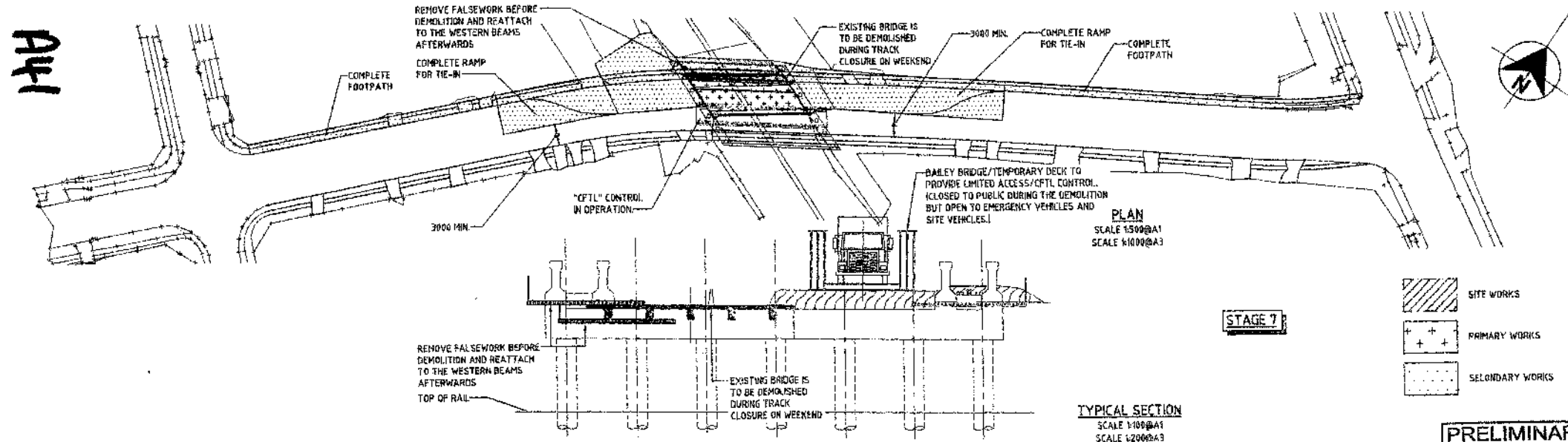


Preferred Option

PLAN
SCALE 1:500@A1
SCALE 1:100@A3

TYPICAL SECTION
SCALE 1:100@A1
SCALE 1:200@A3

STAGE 6






AW

PLAN
SCALE 1:500@A1
SCALE 1:100@A3

TYPICAL SECTION
SCALE 1:100@A1
SCALE 1:200@A3

STAGE 7

-  SITE WORKS
-  PRIMARY WORKS
-  SECONDARY WORKS

Cornell Wagner

Cornell Wagner Limited Auckland Office
PO Box 410, Newmarket, Auckland
199 Carlton Street, Newmarket, Auckland
Tel: 09 378 4272
Fax: 09 378 1693
Email: alicornell@cw.co.nz

Waitakere City Council
26 Jukeson Drive

STURGES ROAD
REPLACEMENT BRIDGE

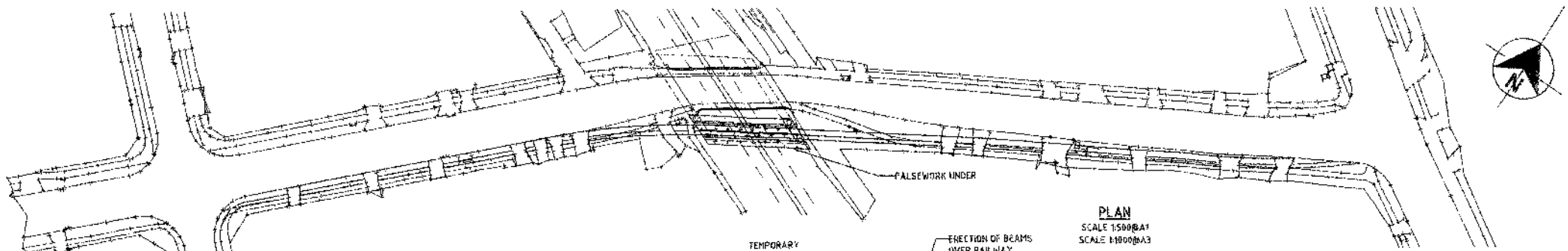
Drawn	Checked	Date	Grading Title
CDT		09.02.07	
Designed		09.02.07	
AB		09.02.07	
Verified		09.02.07	
TSP		09.02.07	
Approved		09.02.07	
IDS		09.02.07	

PROPOSED BRIDGE
POSSIBLE DEMOLITION &
CONSTRUCTION SEQUENCE
OPTION 2 - SHEET 4 OF 6

PRELIMINARY
NOT FOR CONSTRUCTION

Project No.	22200
Scale	A5 SHOWN
Sheet No.	A1
Drawn by	SK-PB-S09
Rev.	01

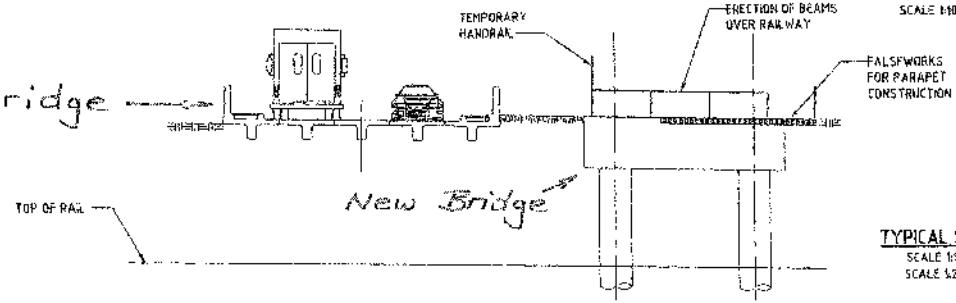
Rev.	Date	Revision Details	By	App.
01	09.02.07	CONSTRUCTABILITY REPORT - APPENDIX SKETCHES		



PLAN
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SCALE 1:100@A3

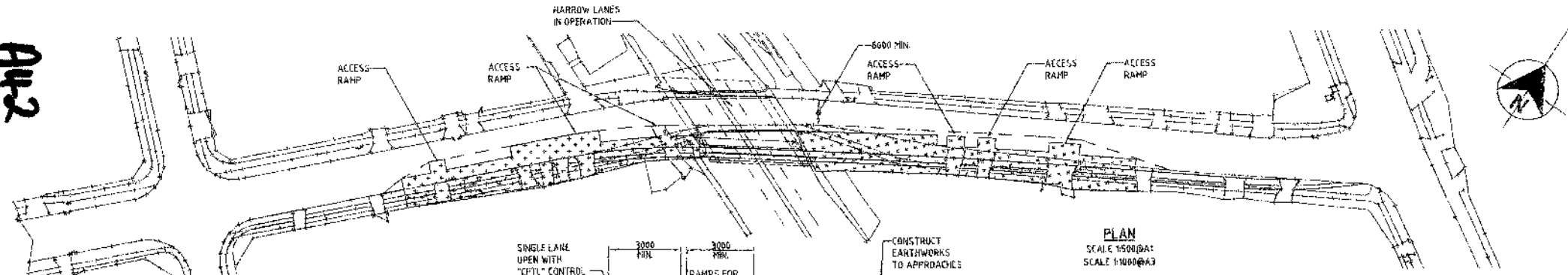
STAGE 2

Alternative Option



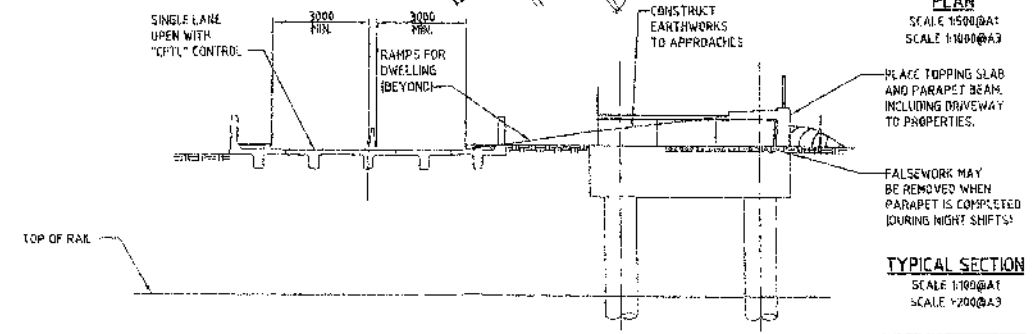
TYPICAL SECTION
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SCALE 1:200@A3

AP-2






PLAN
SCALE 1:500@A1
SCALE 1:100@A3

STAGE 3



TYPICAL SECTION
SCALE 1:100@A1
SCALE 1:200@A3

-  SITE WORKS
-  PRIMARY WORKS
-  SECONDARY WORKS

PRELIMINARY
NOT FOR CONSTRUCTION

01	07.02.07	CONSTRUCTIONABILITY REPORT - APPENDIX SKETCHES	4/3	3/23
02	07.03.07	Revised Details	4/3	3/23

Cornell Wagner
 100 Wairoa Street, Auckland 1
 Telephone: +64 9 528 895
 Facsimile: +64 9 528 481
 Email: info@cornellwagner.co.nz

Waitakere City Council
 To Tekeo o Waitakere

STURGES ROAD REPLACEMENT BRIDGE

Drawn	Checked	Date
CD1	AB	09.02.07
Verified	Approved	Date
TGP	IS5	09.02.07

**PROPOSED BRIDGE
 POSSIBLE DEMOLITION &
 CONSTRUCTION SEQUENCE
 OPTION 1 - SHEET 2 OF 5**

Project No.	2220
Scale	AS SHOWN
Drawing No.	SK-PE-S02

**Project Title: Sturges Road Bridge Improvements
Communication Plan**

**Client: Councillor Penny Hulse, Chair of the City Development
Committee (Tel. 021 273 4663)**

Initiated by	Approved by	Job Closed by	Date
Joe Schady	Hussam Abdul-Rassol	Dai Bindoff	13 February
SIGNATURE	SIGNATURE	SIGNATURE	

Please note that work will not commence until:

1. the approval of the appropriate Manager has been obtained; and
2. all information requirements (as listed below) have been provided.

PROJECT NAME & DETAILS

Waitakere City Council is publicly notifying and consulting with a group of residents in the streets affected by the Sturges Road bridge widening. The project is designed to meet city-wide and regional transport objectives by:

- widening the Sturges Road Bridge – to accommodate double tracking and providing for electrification

Waitakere City Council is pursuing the development of rail as one of its strategic platforms for the development of town centres. The rail corridor is located alongside a number of the City's key strategic growth centres and as such, is ideally located to help promote growth. The Council is working closely with the Auckland Regional Transport Authority and Auckland Regional Transport Network Ltd on the development of the rail corridor. This includes double tracking the western line to Swanson, new station platforms, upgraded shelters, lighting and security cameras. The Council is working towards the development of park and ride facilities at the Sturges Road station.

BACKGROUND

The Council needs to consult on this matter under the RMA. The existing road rail over bridge at Sturges Road, Henderson was built around 1940 by New Zealand Railways to permit vehicle traffic to pass over the single rail track to new housing developments. The present condition of this bridge is poor with severe Alkali Silicate Reaction producing extensive cracking with the long term safety and life of this structure being limited. New Zealand Railways Corporation (ONTRACK) has posted a load limit on the bridge in an attempt to ensure vehicle and rail safety. ONTRACK intends to commence with double tracking of stage 4 of the Western Line from Mt Lebanon Lane to Swanson Station. The existing piers of bridge 58 are aligned in such a way that it is not possible to achieve double tracking without undertaking major structural changes. Accordingly, a decision has been made by ONTRACK and council to demolish the old. The existing piers of bridge 58 are aligned bridge and to rebuild a new wider and an integrated transport bridge in its place. It is envisaged that the new bridge will be completed by end of 07.

A43

AIM & PURPOSE OF PROJECT

To ensure the wider community surrounding Sturges Road overbridge - particularly Henderson residents - understand the implications of the project and its timetable.

COMMUNICATION OBJECTIVES

Key communication objective is that target audiences feel they are aware of the implications of the Sturges Road Bridge widening and know how to get more information or make their views known.

The awareness campaign objective will be to substantially increase the number of residents and ratepayers in Waitakere who are aware of the Henderson Integrated Transport projects, and therefore have an informed understanding of its benefits and implications, and feel they've been consulted with.

Definition

Consulted with means that they have received information from the council and other informed agencies associated with the council (e.g. the contractor, etc), and have had the opportunity to have questions answered and their opinions made known. It means that their opinions will be read or heard by the Council and pertinent points taken into account on their merits.

It does not mean that the Council will – or will not – act on those opinions.

TARGET MARKET/AUDIENCE / STAKEHOLDERS

Key targets include:

Primary target audience is residents in and within a 5km radius of Sturges Road overbridge, and other neighbouring residential areas of Henderson.

A secondary target audience is commuters that might use the bridge to get into Henderson regularly.

STAKEHOLDER ROLES

The key goal is to inform stakeholders (i.e. the commuting business sector, families with school children and residents near the area).

Communication/Consultation Team:

Janet Hannan, Dai Bindoff, Angela Penteado

A44

KEY MESSAGE

We plan to improve the Sturges Road Bridge, which will improve traffic flows in and around Henderson and will provide an integrated link between Swanson and Sturges Road.

Waitakere City's vision is for public transport and communications systems that provide fast, effective services, and for city travel facilitated by integrated, environmentally responsible, and innovative design, with a focus on meeting the essential needs of all, for access, communication, and safety. Replacing the Sturges Road Bridge will provide an integrated link between Swanson and Sturges Development maintaining the safety of pedestrians, vehicles, cyclists and trains

COMMUNICATION MIX

May/Jul/Sep

Display Advertising

Run a 10 x 3 ad, run of paper, three times. Aucklander and Western Leader, Create fresh imagery around map/photos as supplied, showing possible diversions

Jun/Jul

Editorial

Story in Waitakere City News

General letter to all affected residents to be sent in March. Insert map on separate flyer or on back of letter, showing public transport alternatives and alternate routes. Establish scope of area to be mail dropped, and then work with regular suppliers to ensure communication gets to residents 1-2 months from construction starting.

Jul/Aug (near start of construction) A special letter to residents adjacent to the works to be sent as the construction starts

Budget for adverts in the press and inserts in the Waitakere News. Map required too.

Tasks: Personalised D/Mail

Personalised D/Mail to key stakeholders – Project Manager and Consultation representative to create personalised letters to the neighbouring residents explaining the construction process and the end benefits. Public Affairs team is to work with Project Manager on posting out at agreed intervals.

Timeline

By late Feb, confirm deadlines for ads and letters, and budget for communication task list, as above.

A45

All months	
Council website	Regular updates for the Council website on homepage.
Council call centre	Q&As to be drafted and agreed process exists for residents calling in with general queries.
Media releases	One at each project milestone. Story list to be prepared by Angela and Joe Schady, These will start from June '07.
Posters	Displays of transport map and alternative routes in Civic Centre reception, libraries and community centres as part of public information and consultation.

BUDGET

Project charge code:	Budget:
Comments:	

MEASUREMENT

Success will be measured in numbers of submissions by politicians, but management staff will be happy to show some responses and a progression of thinking since the first round of advertising.

TIMELINE

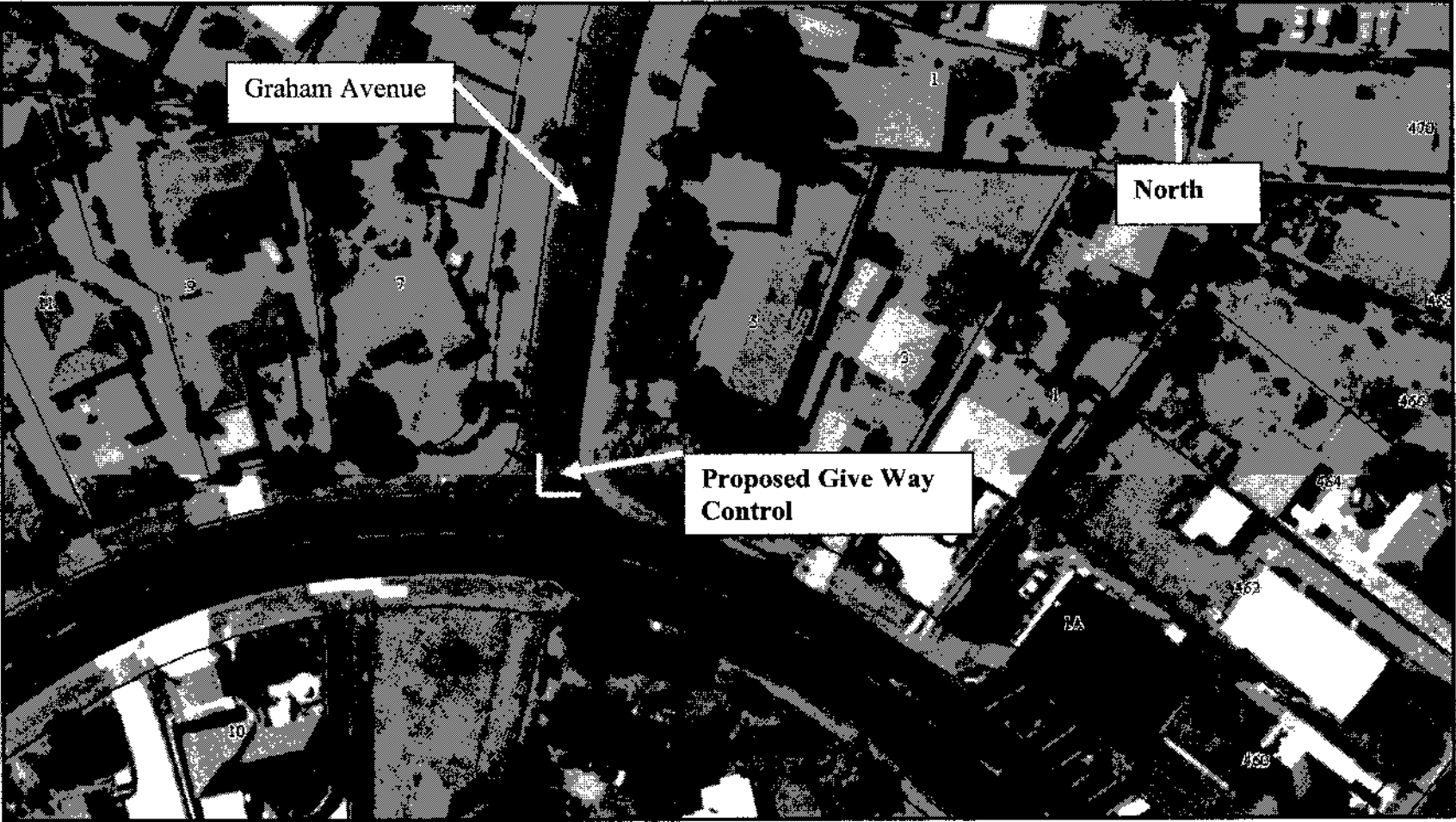
To be concluded as advertising schedules and stories firmed.

COMMUNICATIONS TIMELINE

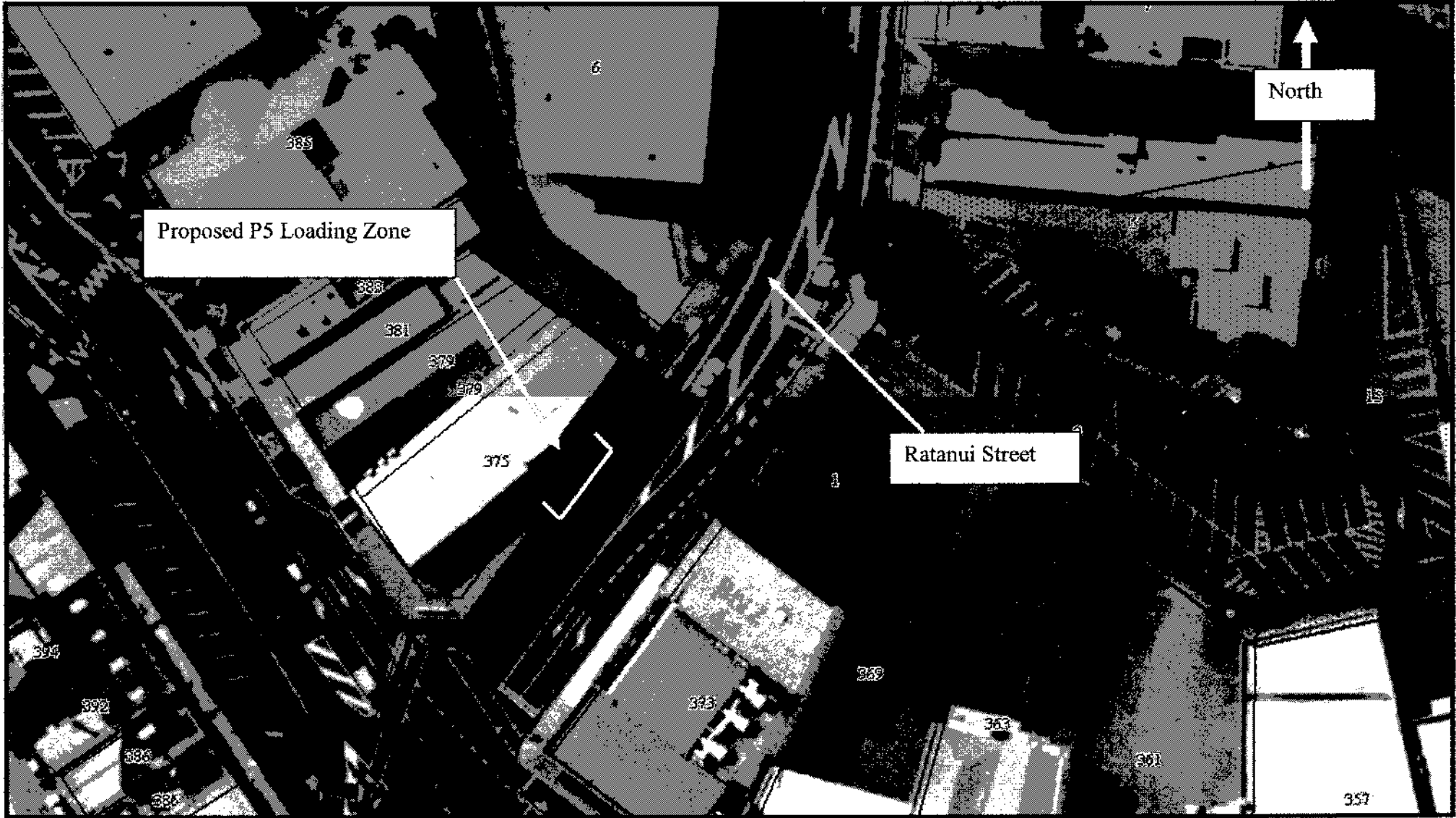
March 2007 through to early 2008.

A46

AK7



0138



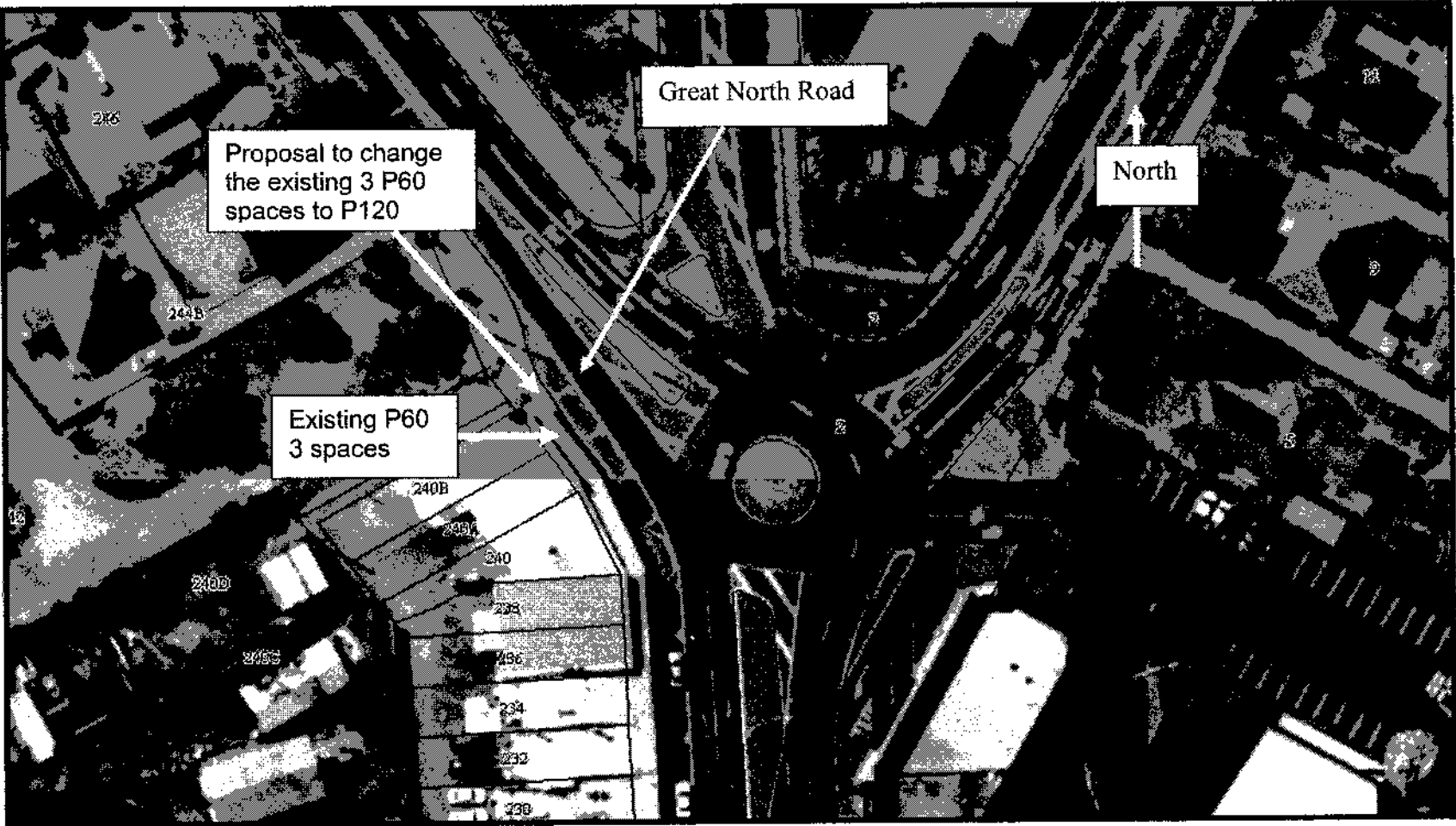
Proposed P5 Loading Zone

Ratanui Street

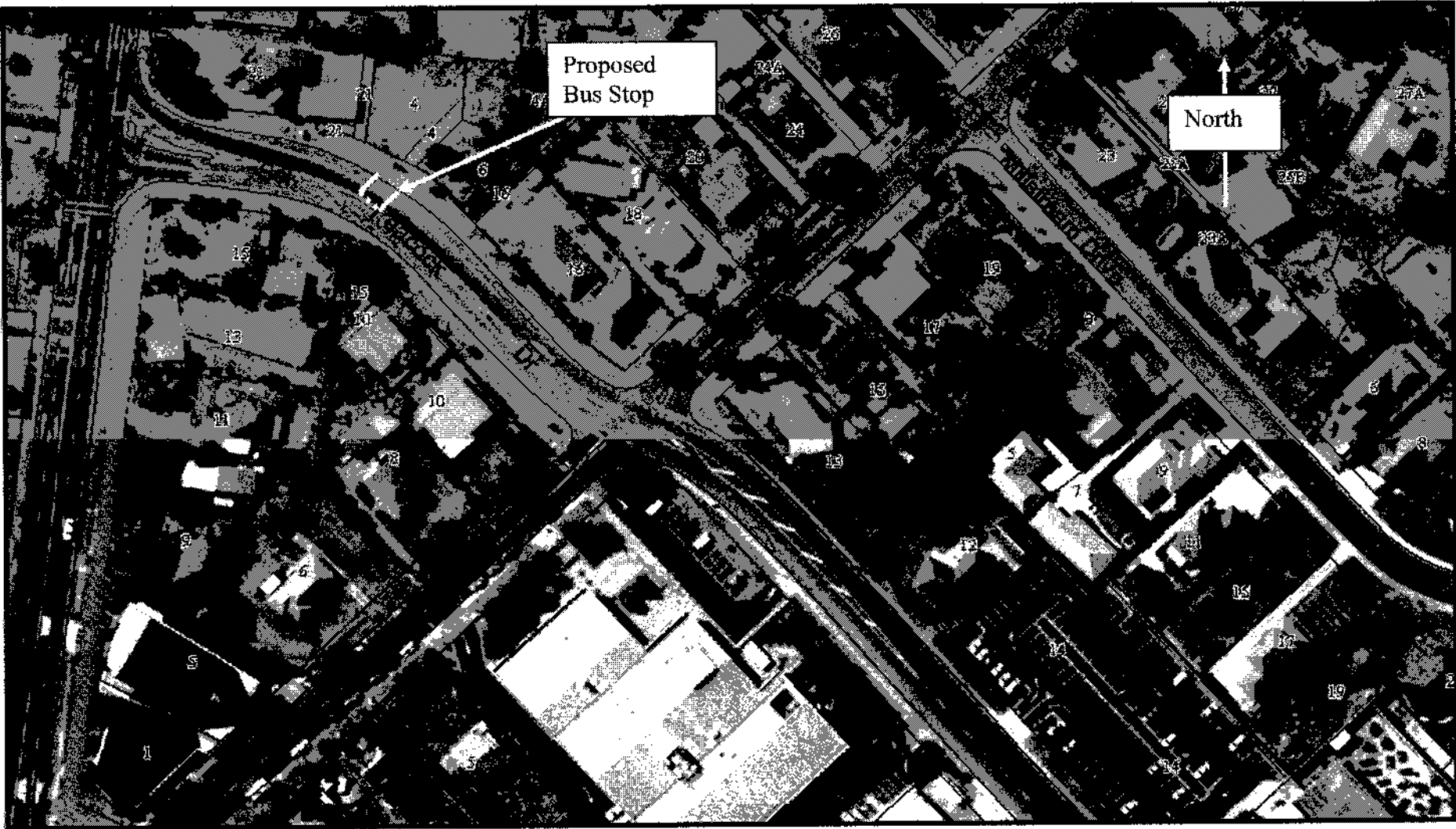
North

A48

0106



A49



ASD

0134