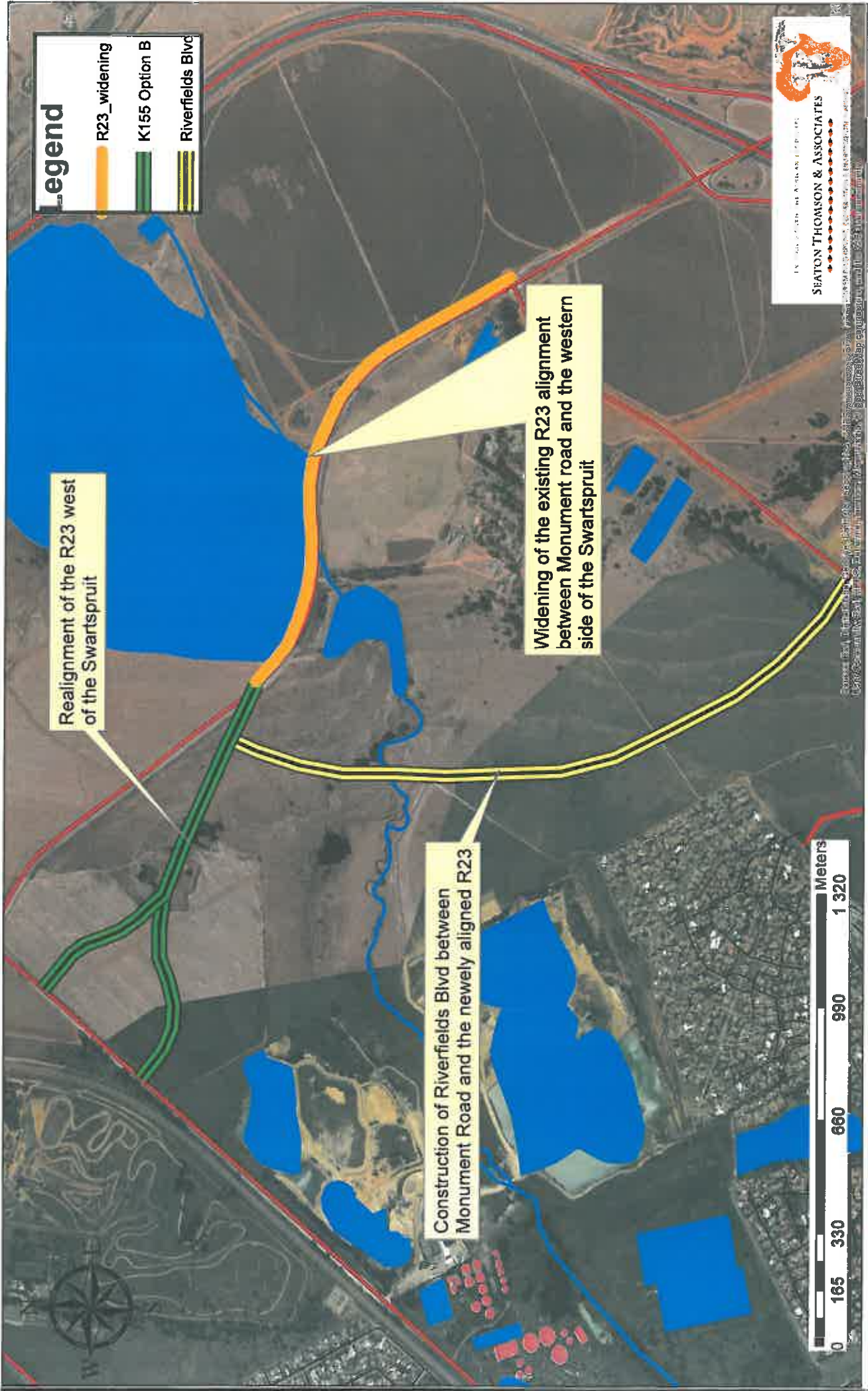


26. Appendix 16: Large scale maps and plans

Proposed K155/ R23 realignment and Riverfields Boulevard

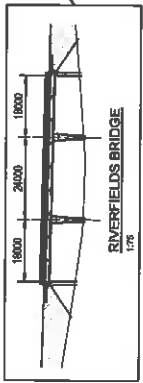
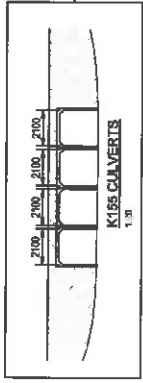
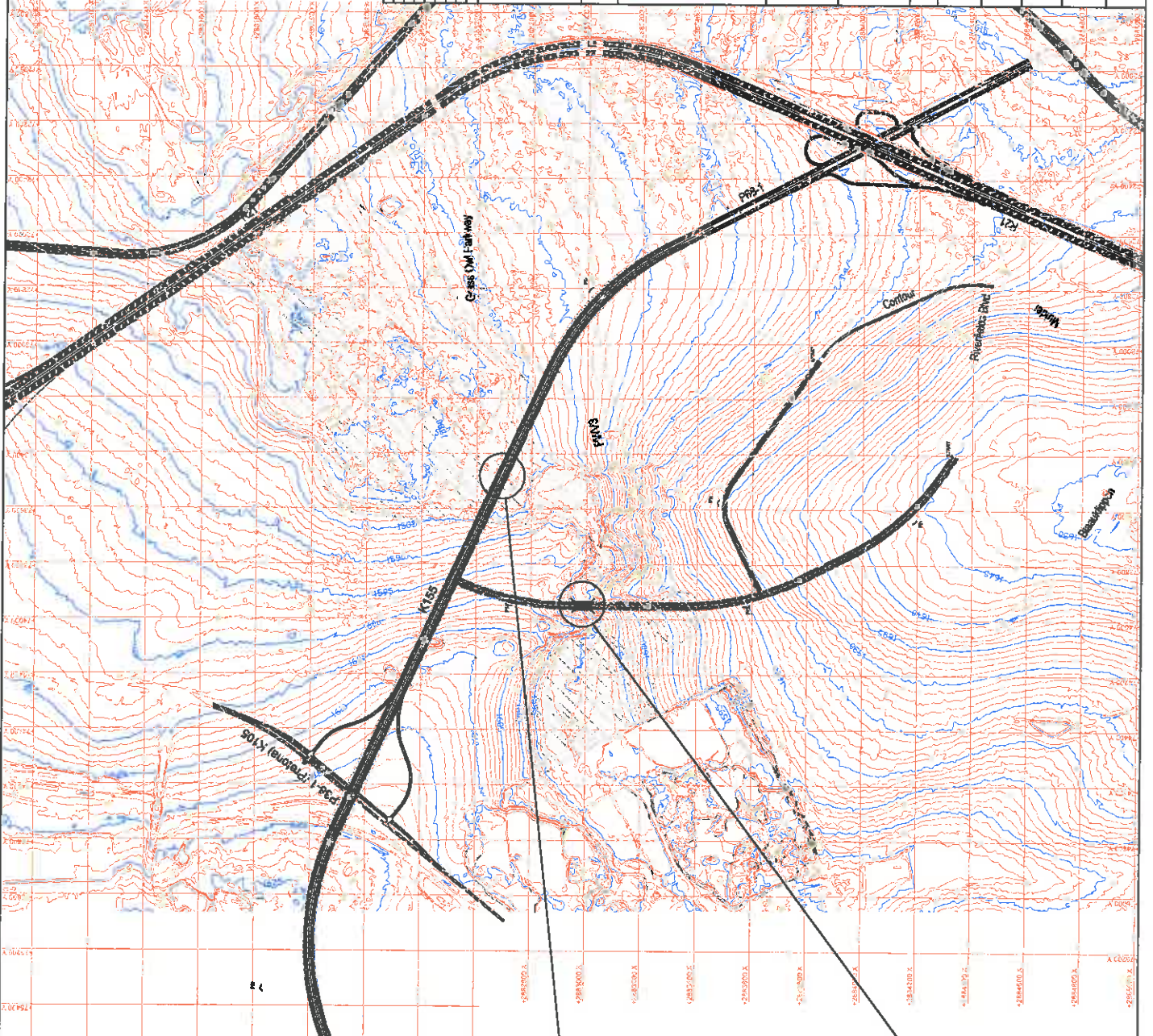
Final proposed alternative layouts and alignments



Riverfields - road master plan layout



THE ENGINEERING AND ARCHITECTURAL CONSULTANTS
SEATON THOMSON & ASSOCIATES
OPEN SOURCE GIS DATA PROVIDED BY THE GIS USER COMMUNITY



NO	REVISIONS	DATE

SCALE 1:7500



VIP CONSULTING ENGINEERS (Pty) Ltd
 Consulting Civil and Structural Engineers
 Reg No 1770000907
 MEMBERS
 CIVIL ENGINEERS
 STRUCTURAL ENGINEERS

CIVIL ENGINEERING SERVICES

**RIVERFIELDS ROAD AMENDMENTS:
 AMENDMENT OF K165**

DESIGNER: CIVIL ENGINEER
 PROJECT: RIVERFIELDS ROAD AMENDMENTS:
 AMENDMENT OF K165

DATE: 06/2016
 CHECKED: [Signature]
 DRAWN: [Signature]
 APPROVED: [Signature]

MANAGERIAL CONTROL NO. 2445-OPTON A

2445-OPTON A
 RIVERVILLE
 11/01/2016



NO	REVISIONS	DATE

SCALE
SCALE 1:7500



VIP CONSULTING ENGINEERS (Pty) Ltd
Consulting Civil and Structural Engineers
Incorporated in the Republic of South Africa
1801, 1802, 1803, 1804, 1805, 1806
1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815
1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825
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CIVIL ENGINEERING SERVICES

PROJECT
PROJECT

REFERENCE NUMBER

**RIVERFIELDS ROAD AMENDMENTS:
WIDENING OF EXISTING ROAD (P88-1)**

PROJECT MANAGER

PROJECT ENGINEER

PROJECT CHECKER

PROJECT DATE

PROJECT NO

PROJECT TITLE

PROJECT LOCATION

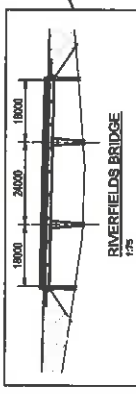
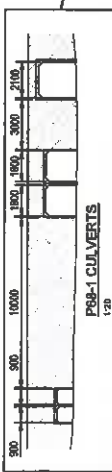
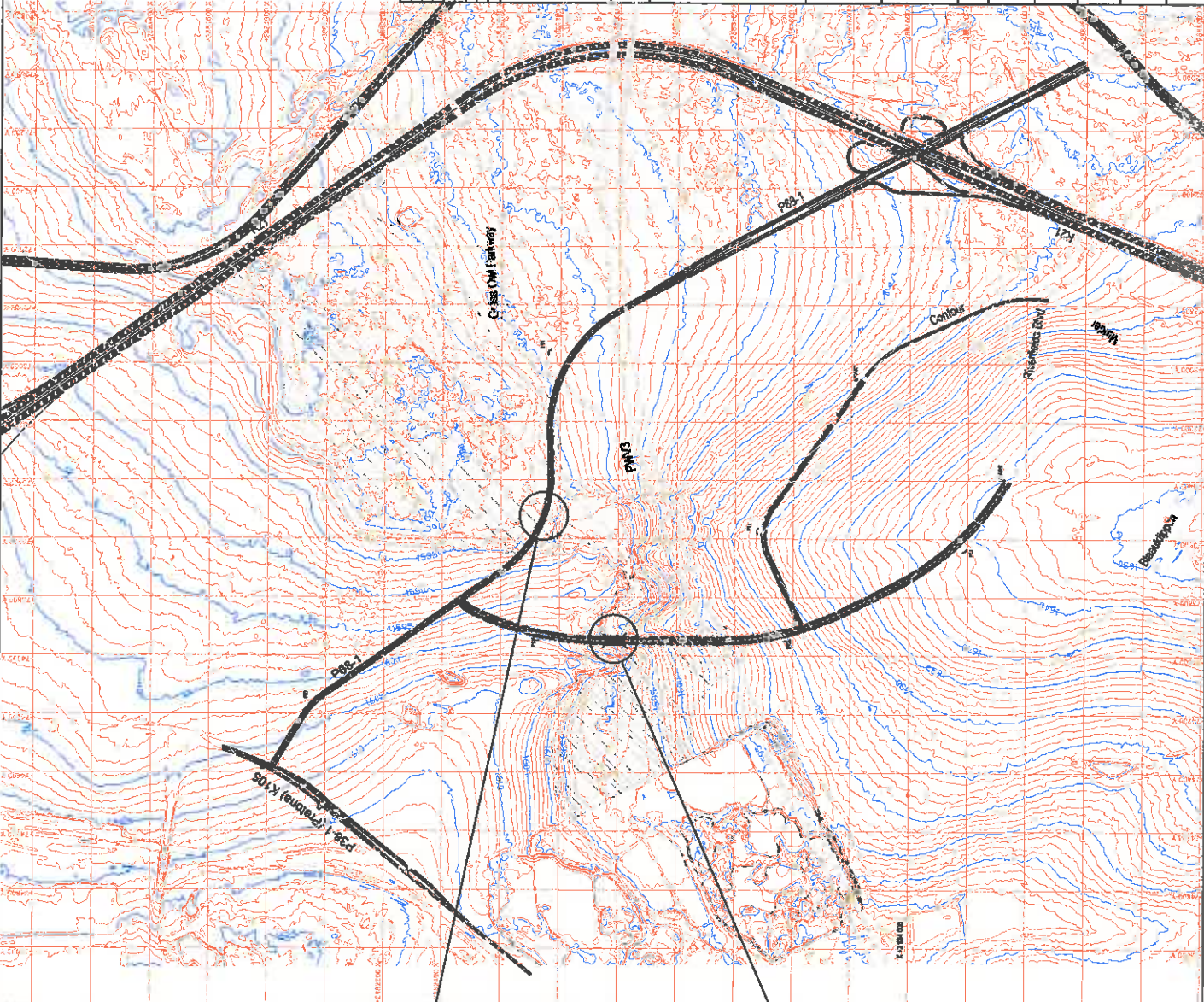
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PROJECT DRAWING NO

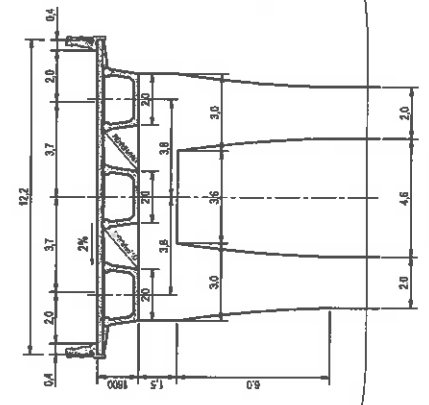
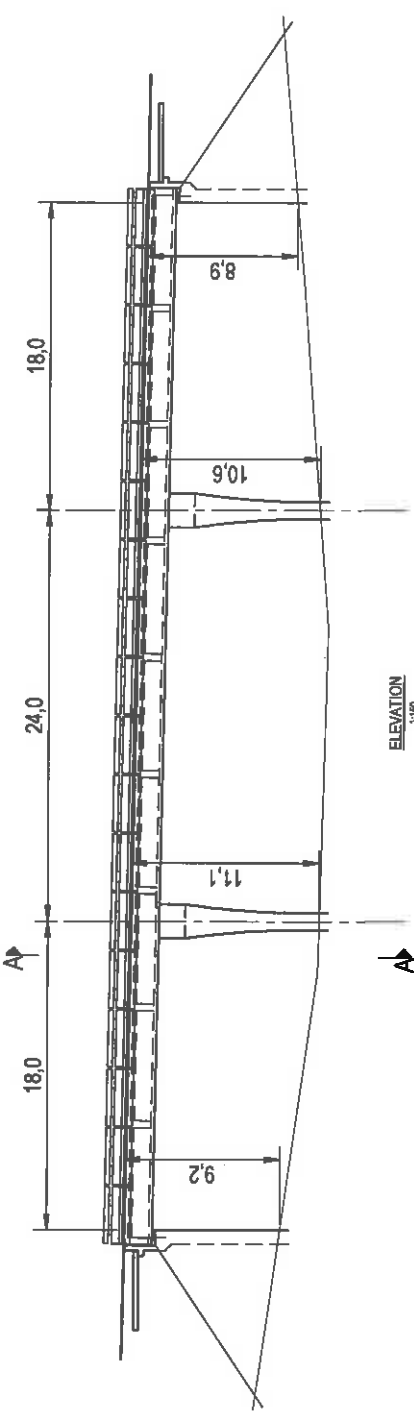
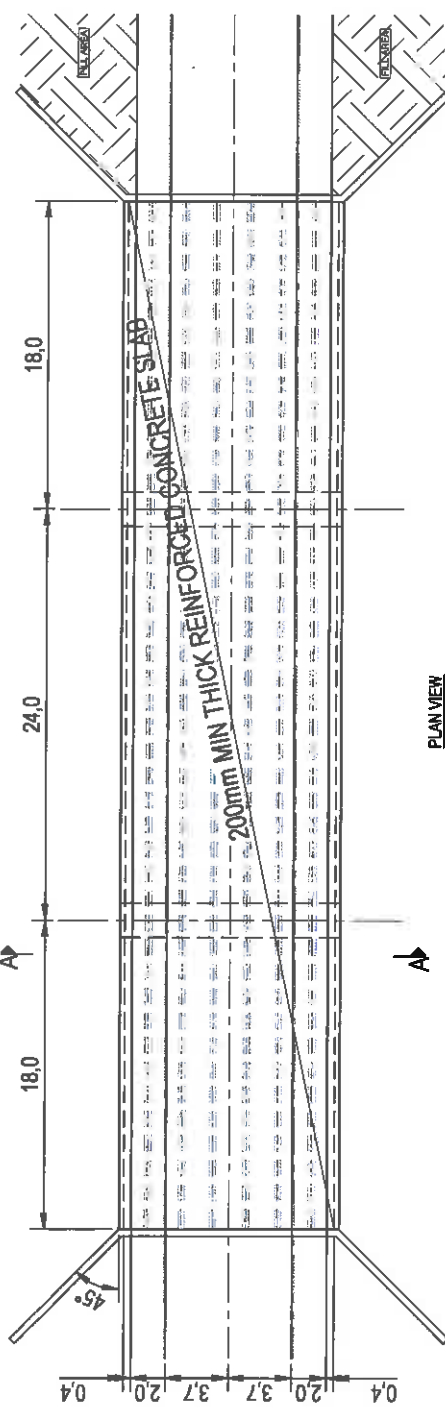
PROJECT SHEET NO

PROJECT SCALE

PROJECT DATE



NOTES:



NO	REVISIONS	DATE

SCALE AS SHOWN



VIP CONSULTING ENGINEERS (PTY) LTD
Consulting Civil and Structural Engineers
Reg No 82705987

VICTORIA
100, Tony Blair
Drive, Varsity Heights
Private Estate 024
Apt. 20, 11, 000 000
Durbanville, 7800
CHECK CONTACTS:
@VIPEN

PROJECT: RIVERFIELDS BOULEVARD SWARTSPRUIT CROSSING
DRAWING: BRIDGE LAYOUT, ELEVATION AND SECTION

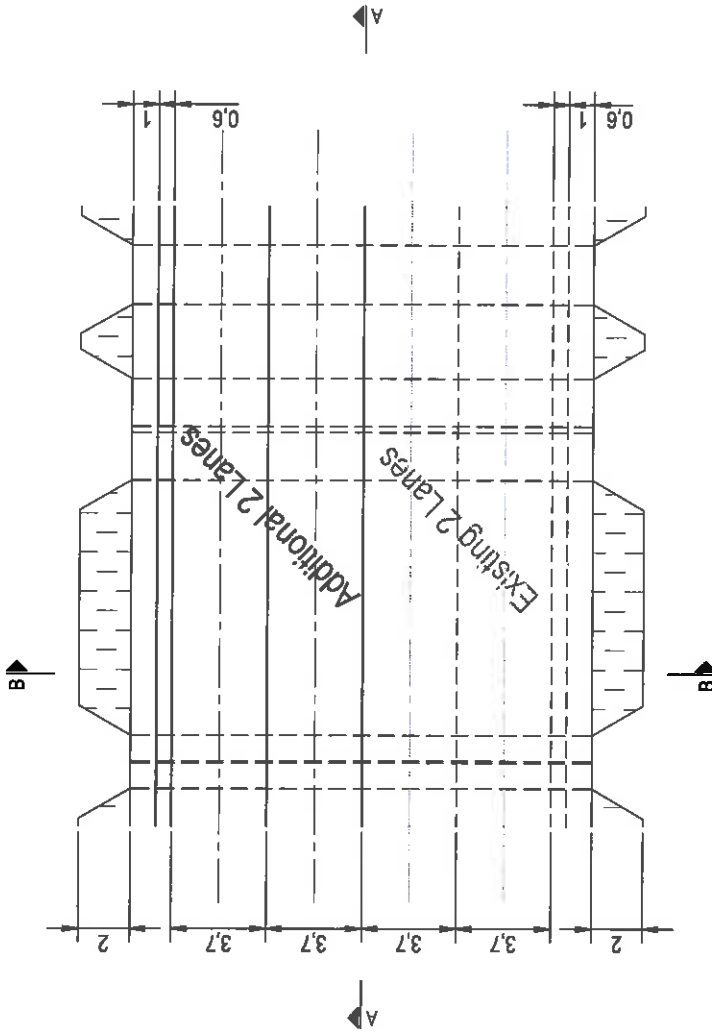
DESIGNED BY: P. van Heerde
CHECKED BY: N. Hoving
DATE: March 2018

APPROVED BY: H. van Wageningen
DIRECTOR

PROJECT NO: 2445-001

DATE: 2018

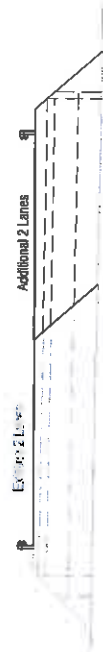
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PLAN VIEW



SECTION A - A

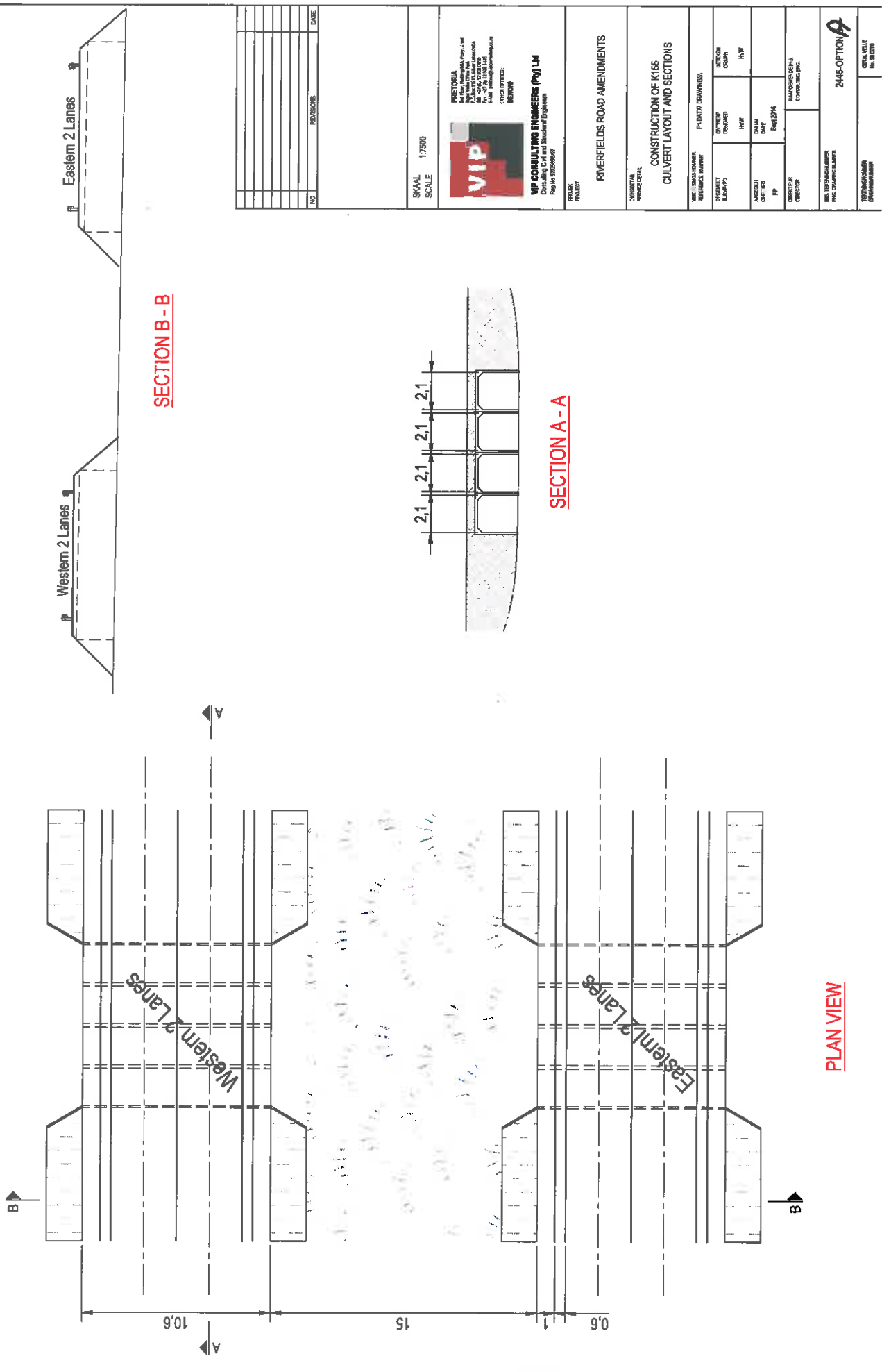


SECTION B - B

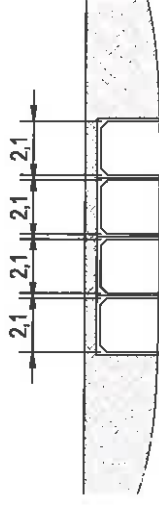
NO		REVISIONS	DATE

SKAAL SCALE	1:7500
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VIP CONSULTING ENGINEERS (Pty) Ltd Consulting Civil and Structural Engineers P.O. Box 70700 Johannesburg 2007 South Africa Tel: +27 (0) 11 858 3900 Fax: +27 (0) 11 858 3901 Email: vip@vipconsulting.co.za www.vipconsulting.co.za	
RIVERFIELDS ROAD AMENDMENTS	
WIDENING OF EXISTING ROAD (P88-1) CULVERT LAYOUT AND SECTIONS	
PROJECT NO: 2015/001 PROJECT NAME: RIVERFIELDS ROAD AMENDMENTS	DRAWING NO: 2015/001/001/001
CLIENT: SANDTON CITY CONTRACT NO: 11/1	DATE: 08/09/2015
DESIGNER: M. M. M. M. M. CHECKED: M. M. M. M. M. DATE: 08/09/2015	PROJECT NO: 2015/001 DRAWING NO: 2015/001/001/001
DRAWING NO: 2015/001/001/001 PROJECT NAME: RIVERFIELDS ROAD AMENDMENTS	
2446-OPTION B	



PLAN VIEW



SECTION A - A

SECTION B - B



NO	REVISIONS	DATE

SKAAL 1:7500



VIP CONSULTING ENGINEERS (Pty) Ltd
 Consulting Civil and Structural Engineers
 Reg No 12205/06/2007

PROJECT

RIVERFIELDS ROAD AMENDMENTS

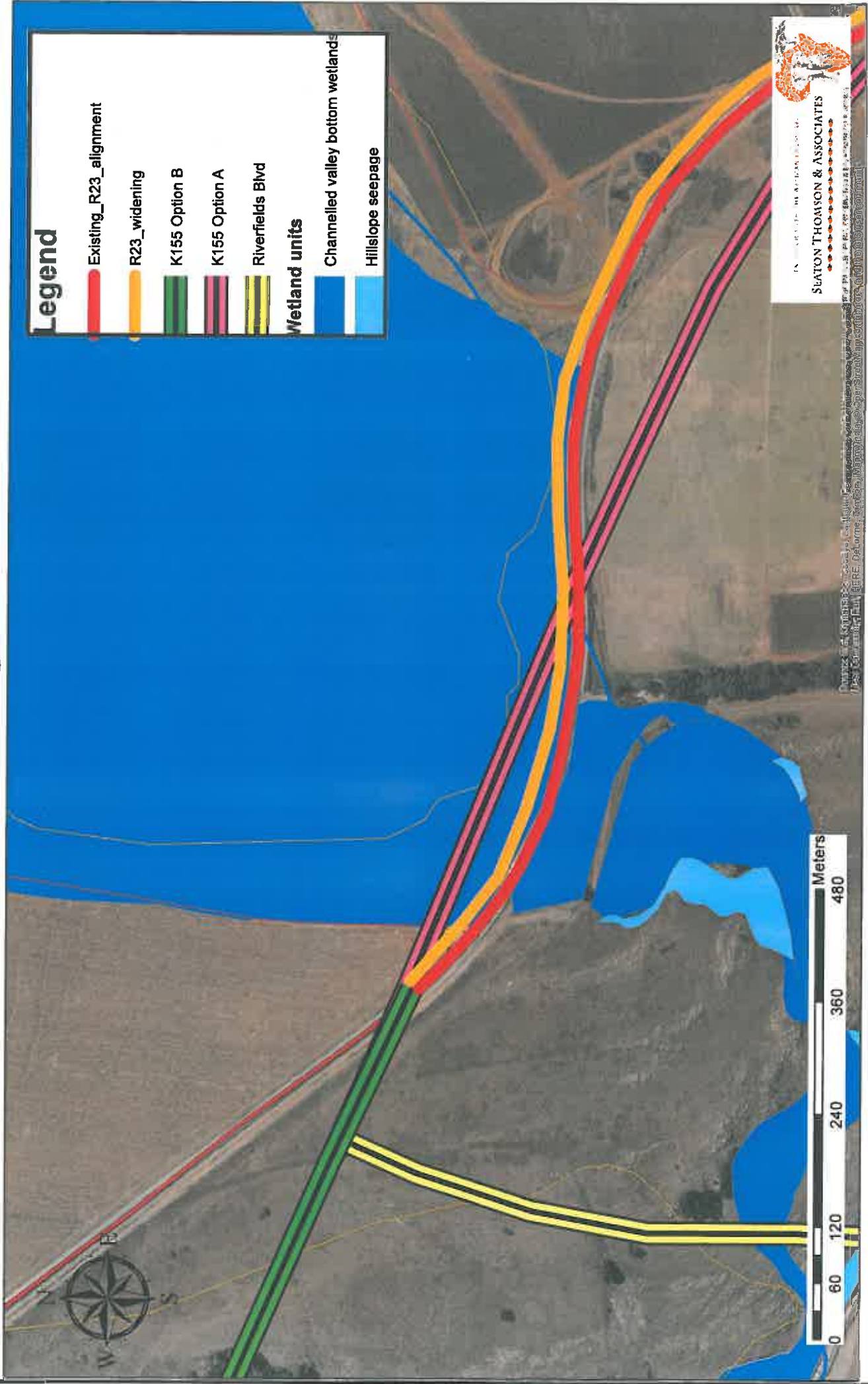
CONSTRUCTION OF K165
 CULVERT LAYOUT AND SECTIONS

SITE PERFORMANCE REFERENCE NUMBER		P. DATA (DRAWINGS)	
DESIGNED BY	DATE	DESIGNED BY	DATE
CHECKED BY	DATE	CHECKED BY	DATE
APPROVED BY	DATE	APPROVED BY	DATE
PROJECT MANAGER	DATE	PROJECT MANAGER	DATE
CLIENT	DATE	CLIENT	DATE
CONTRACT	DATE	CONTRACT	DATE
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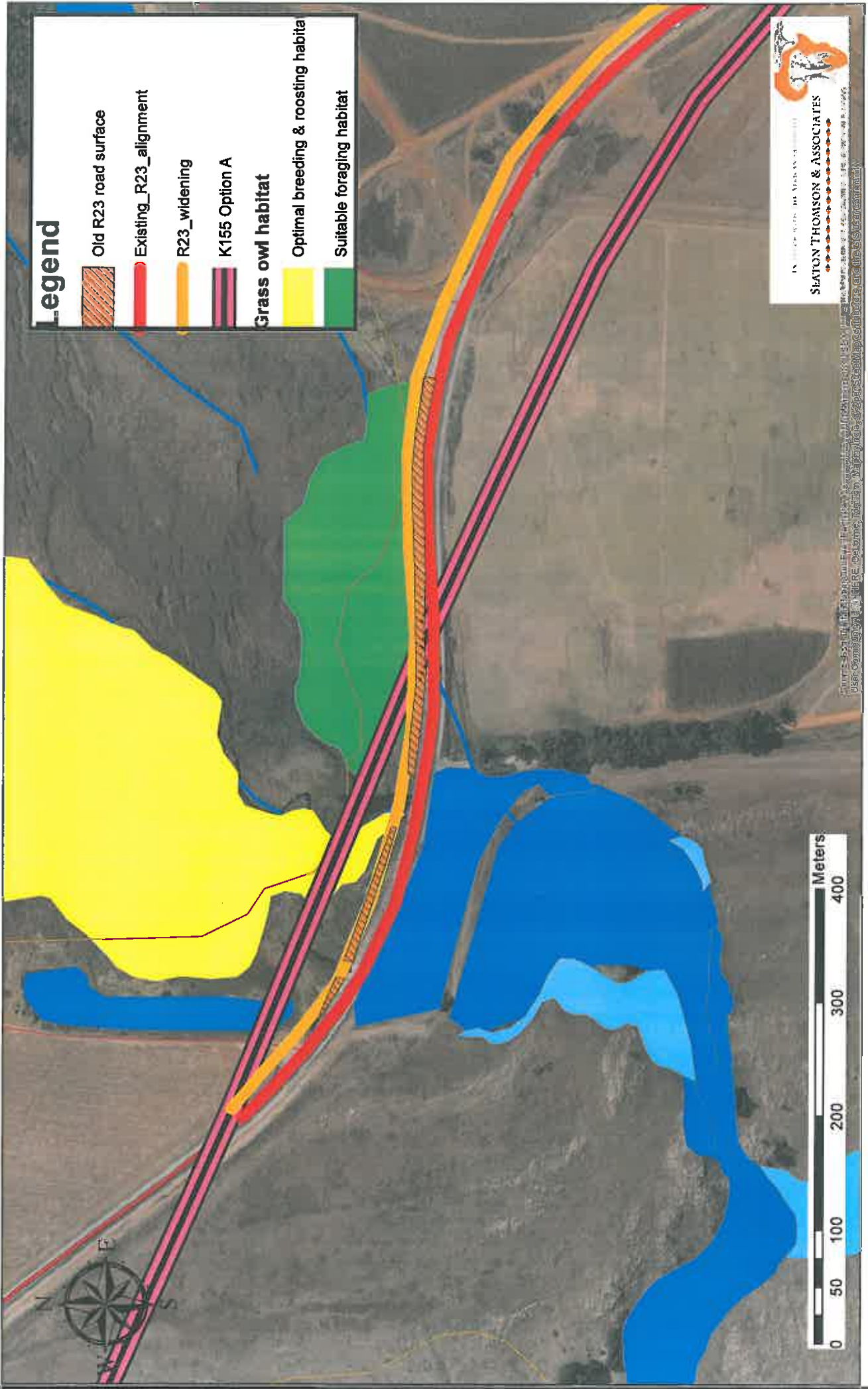
2446-OPTION A

DATE: 14/05/2014
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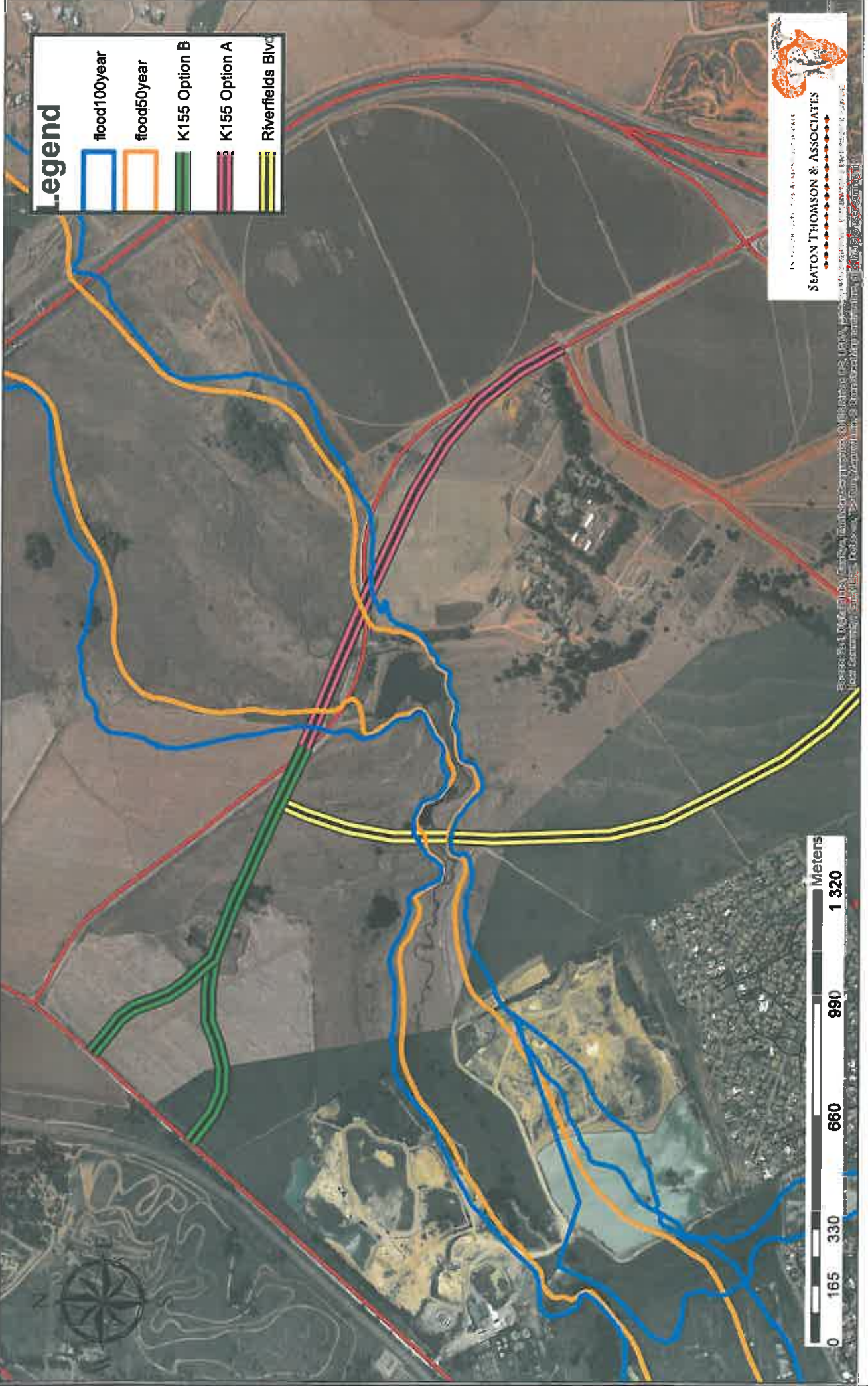
Proposed K155/ R23 realignment and Riverfields Boulevard R23 widening vs. re-alignment and wetlands



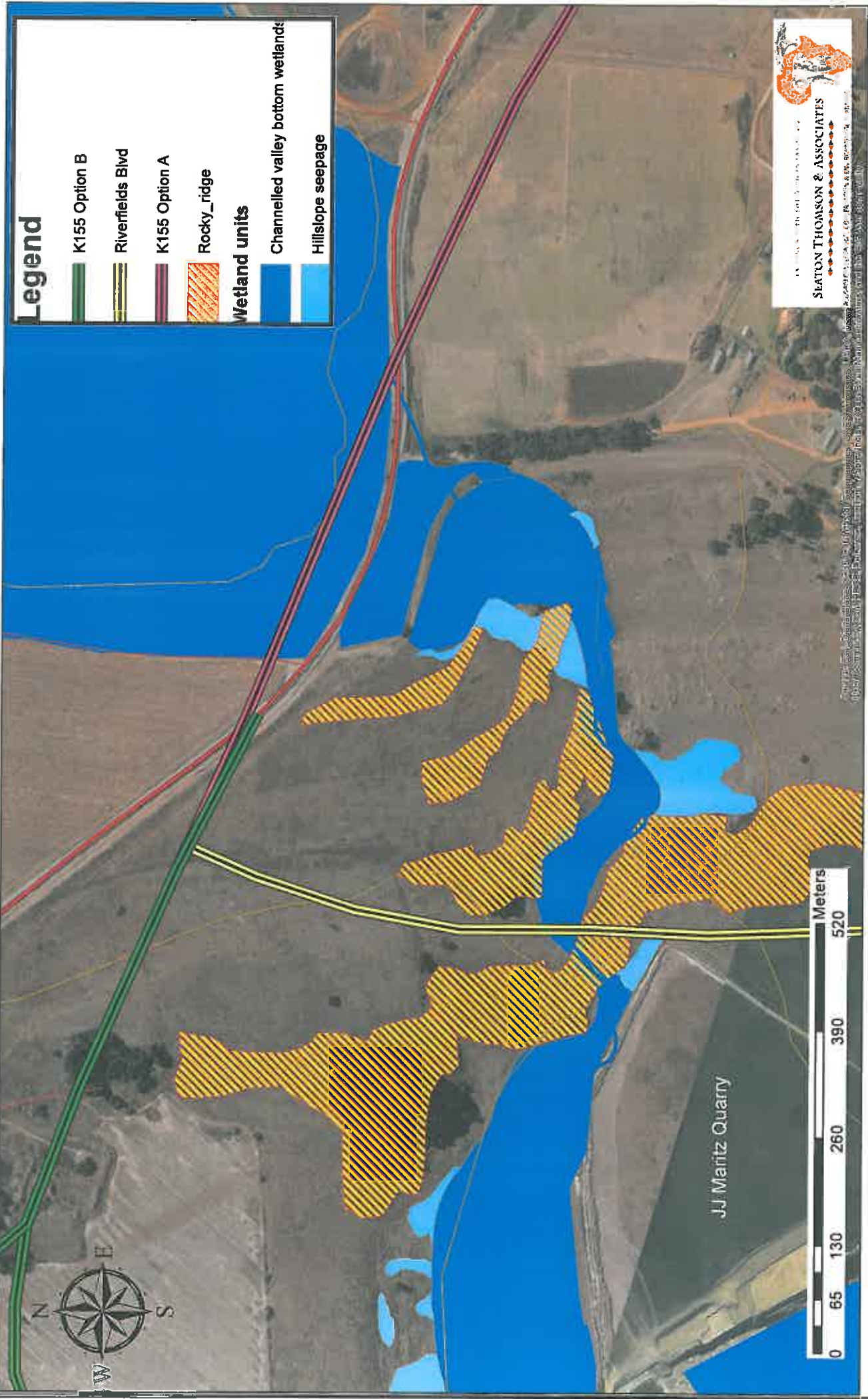
Proposed K155/ R23 realignment and Riverfields Boulevard Grass owl habitats, old R23 road surface & widening area



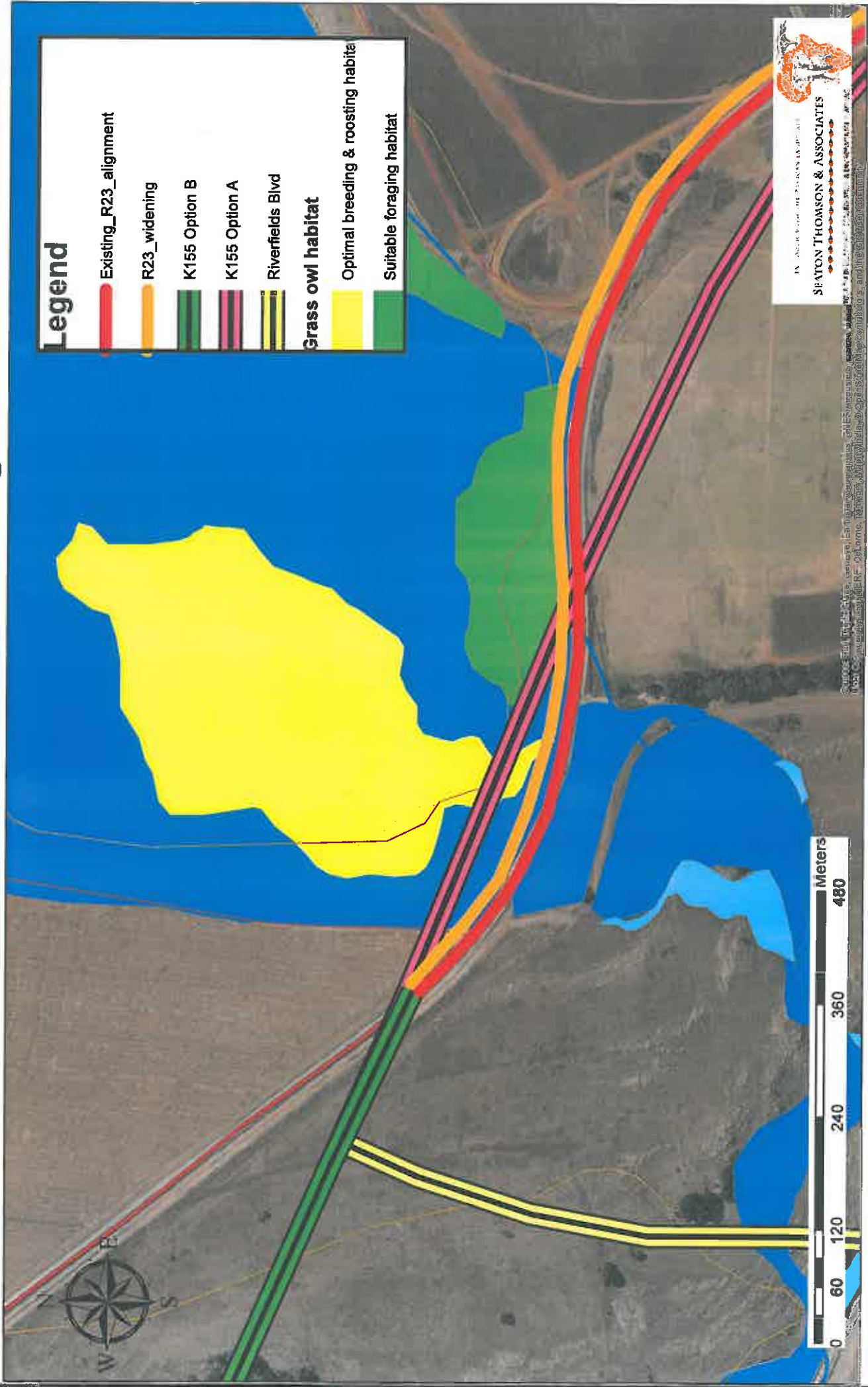
Proposed K155/ R23 realignment and Riverfields Boulevard Floodlines and road alignments



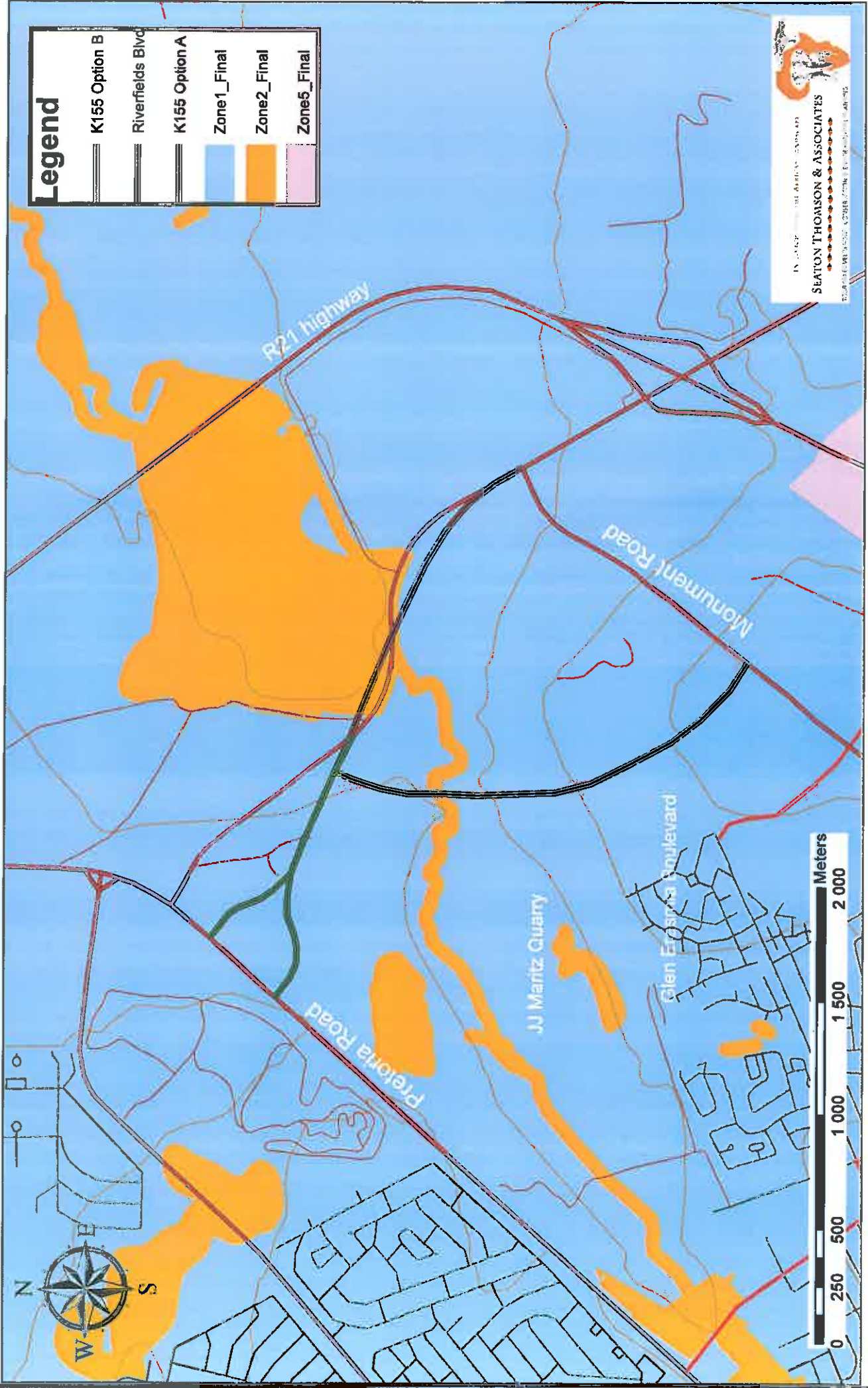
Proposed K155/ R23 realignment and Riverfields Boulevard Road alignments, rocky ridges and wetlands



Proposed K155/ R23 realignment and Riverfields Boulevard Grass owl habitats and R23 alignments

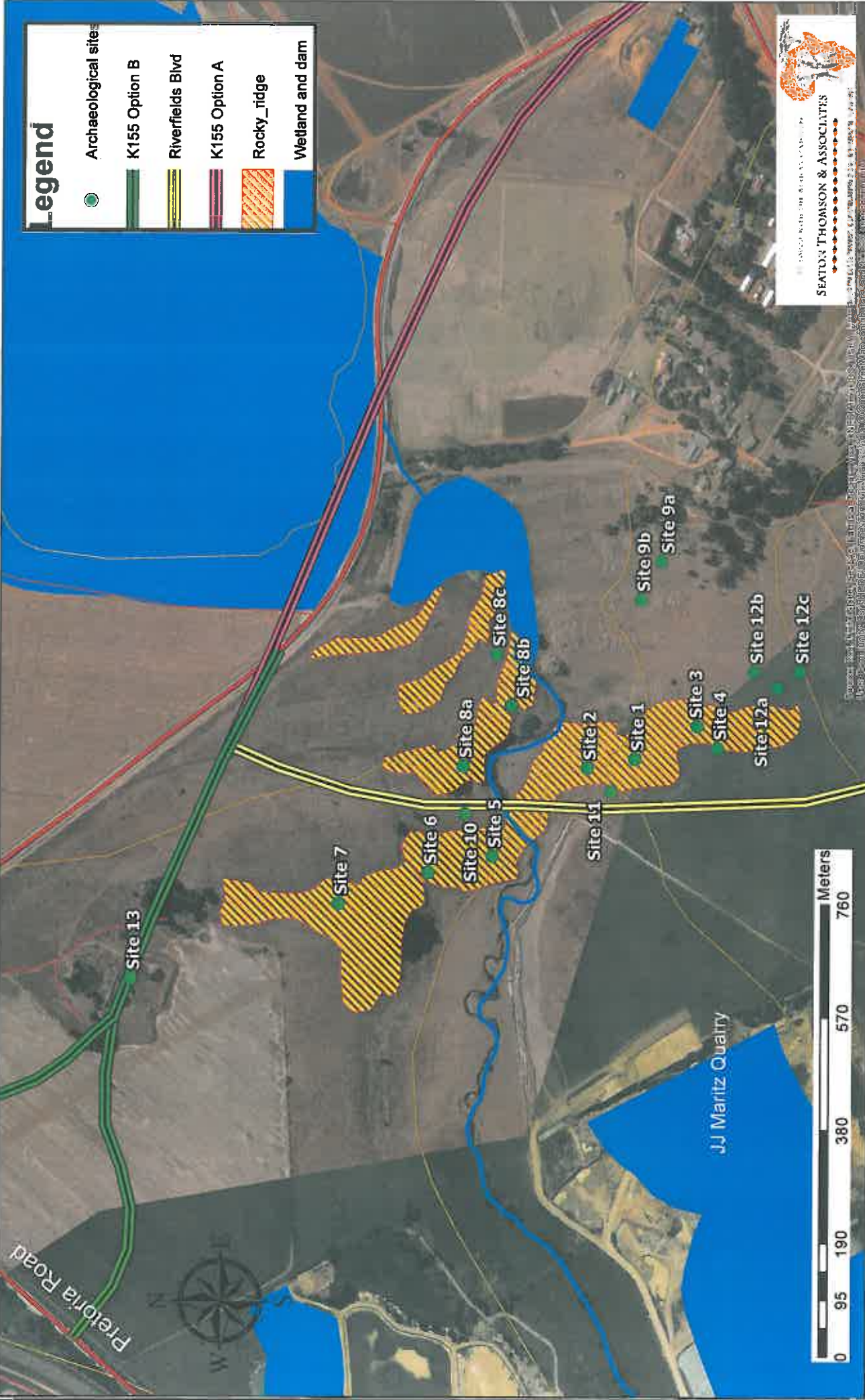


Proposed K155/ R23 realignment and Riverfields Boulevard Gauteng EMF zones



Proposed K155/ R23 realignment and Riverfields Boulevard

Archaeological Sites and road alignments



Proposed K155/ R23 realignment and Riverfields Boulevard Sensitivity plan

