

**PROJECT  
AREA**



TRANSPORTATION  
PLANNING DEPT.

**LEPINE  
910 MARCH ROAD**

**KEY PLAN**

**Transportation Engineering Services**

Approved By:  
N/A

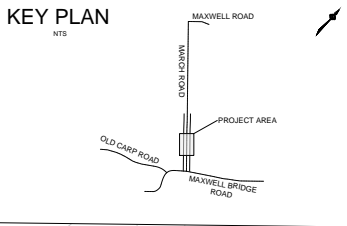
Completed By:  
CGH

Scale:  
N.T.S.

Date:  
JULY  
2023

Drawing No.:

**RMA-2022  
-TES-####A**



LIMIT OF PROJECT

0.9km MAXWELL ROAD



SOLID WHITE EDGE OF LANE MARKING

FUTURE WIDENING

ASPHALT FROM INTERIM WIDENING TO ACCOMMODATE SBLTL TO REMAIN - SOUTBOUND LANE MARKED WITH SOLID WHITE EDGE LINE

PROPERTY LINE

PROPERTY LINE

EXISTING MARCH ROAD MEDIAN EXTENSION

REFER TO ATTACHMENT 3



TRANSPORTATION PLANNING DEPT.

LEPINE  
910 MARCH ROAD

MARCH ROAD  
MODIFICATIONS  
ULTIMATE CONDITION

Transportation Engineering Services

Approved By:  
N/A

Drawing No.:

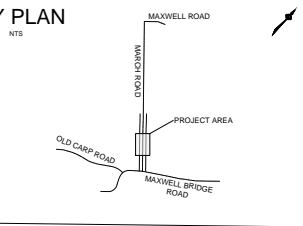
Completed By:  
CGH

RMA-2022  
-TES-###B

Scale:  
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Date:  
JULY  
2023

KEY PLAN



ATTACHMENT 3

REFER TO ATTACHMENT 2

RIGHT-IN RIGHT-OUT CONTROLLED ACCESS

PROPERTY LINE

EXISTING MARCH ROAD MEDIAN EXTENSION

FUTURE WIDENING

0.1km MAXWELL BRIDGE ROAD

PROPERTY LINE

MATCH EXISTING CONCRETE MEDIAN

LIMIT OF PROJECT

MCDONALDS



TRANSPORTATION PLANNING DEPT.

LEPINE  
910 MARCH ROAD

MARCH ROAD  
MODIFICATIONS  
ULTIMATE CONDITION

Transportation Engineering Services

Approved By:  
N/A

Completed By:  
CGH

Scale:  
1:1000

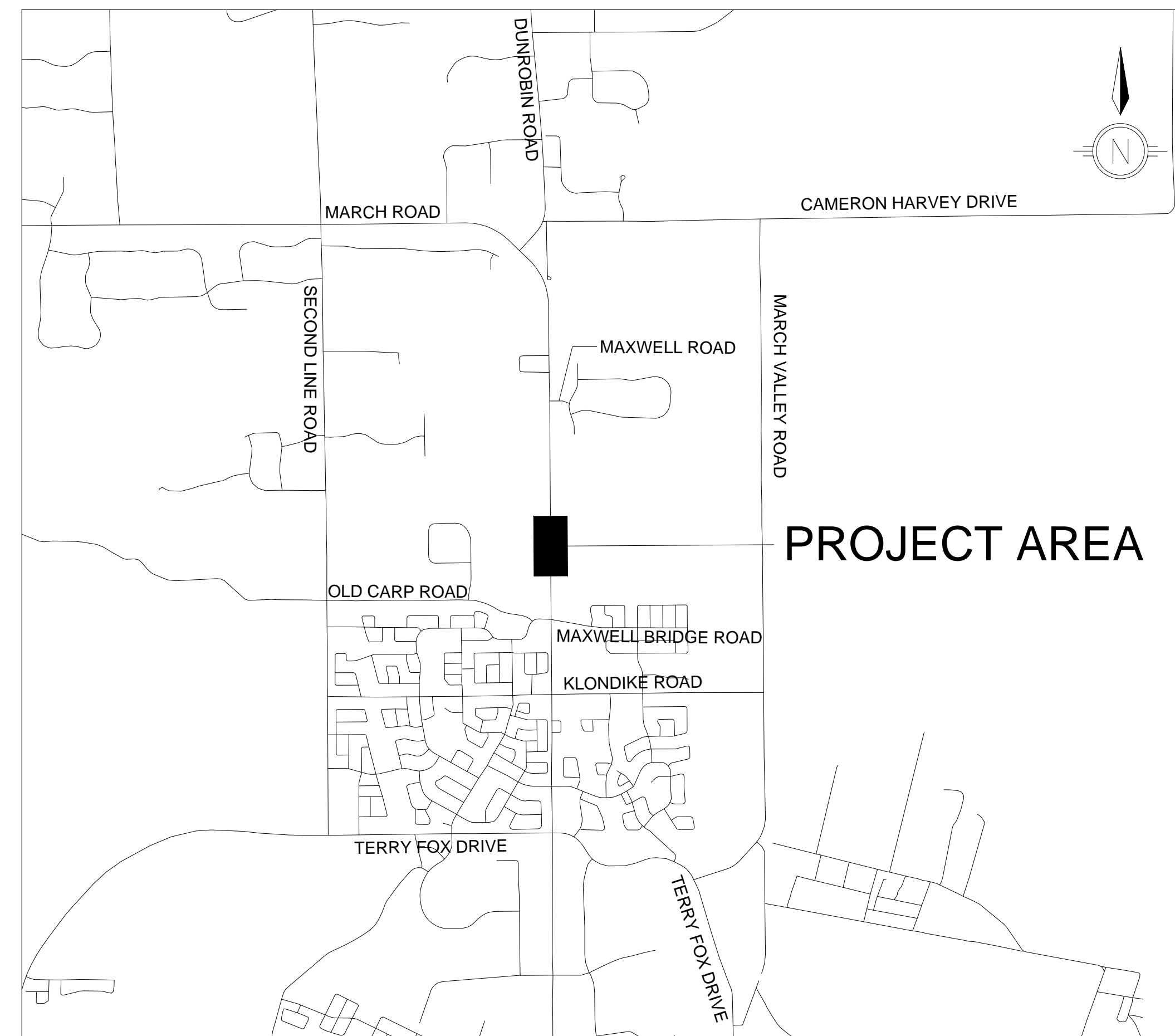
Date:  
JULY  
2023

Drawing No.:

RMA-2022  
-TES-###B



# INFRASTRUCTURE SERVICES DEPARTMENT

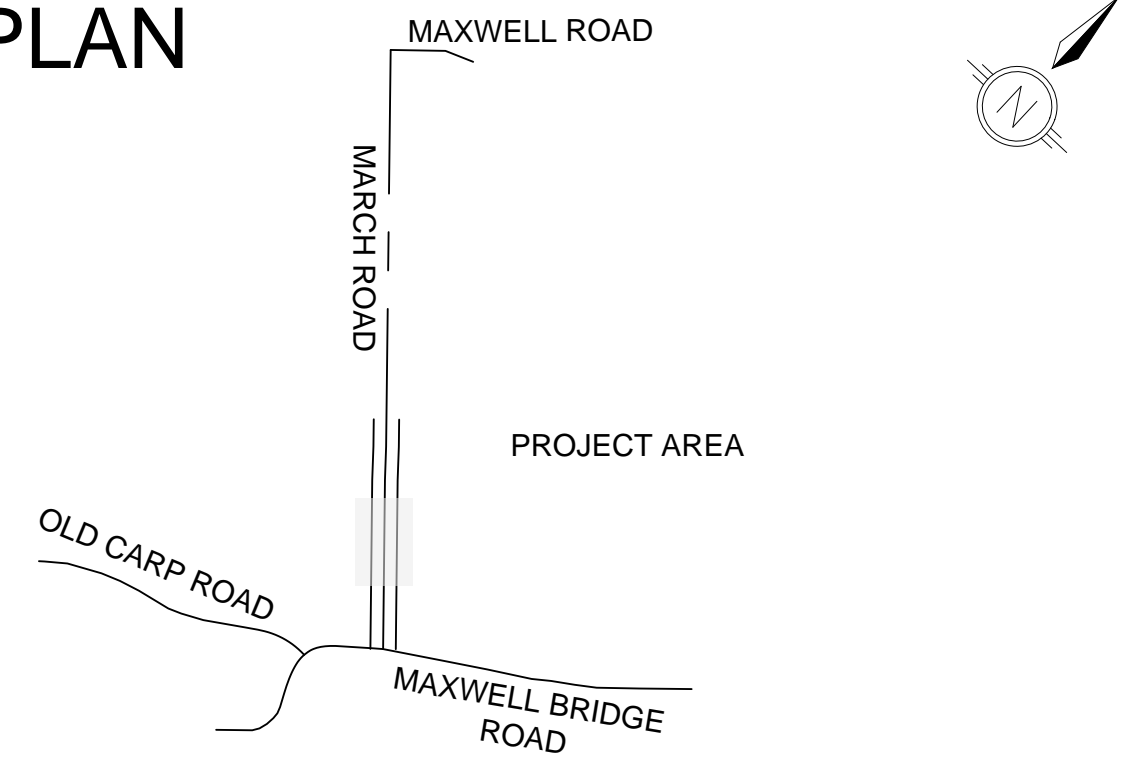


## 910 MARCH ROAD ROADWAY MODIFICATION ULTIMATE CONFIGURATION CONTRACT NO. CP000XXX

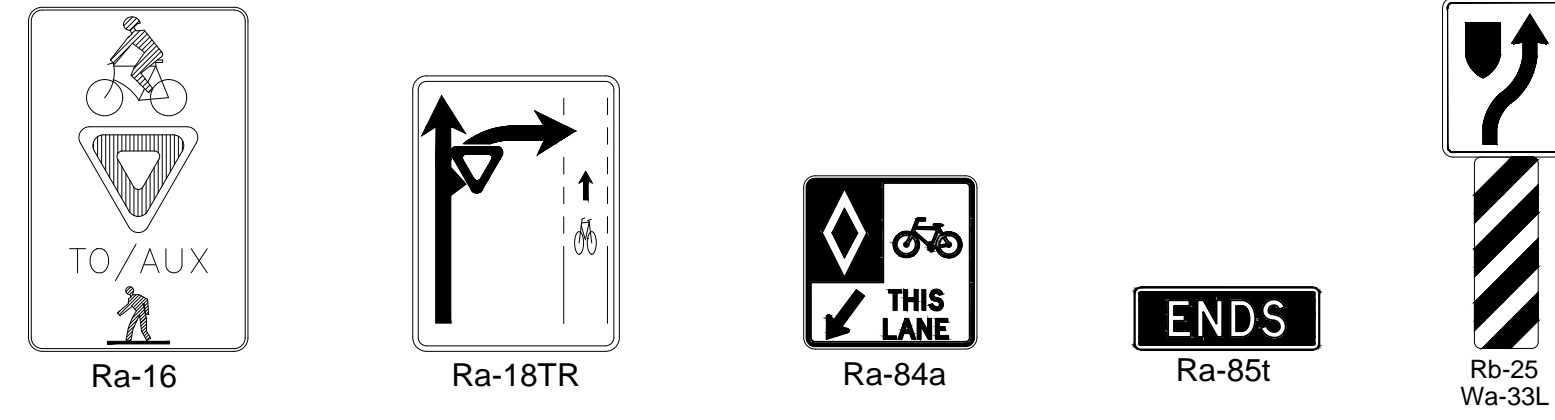
FUNCTIONAL DESIGN  
NOT FOR CONSTRUCTION  
JULY, 2023



# KEY PLAN



# SIGN LEGEND



NOTES:  
ANY PROPOSED SIGNAGE FROM INTERIM RMA PACKAGE TO REMAIN UNLESS NOTED.

910 MARCH ROAD  
ROADWAY MODIFICATION  
ULTIMATE CONFIGURATION

PAVEMENT MARKING AND SIGNAGE  
MARCH ROAD  
9+775 TO 9+935

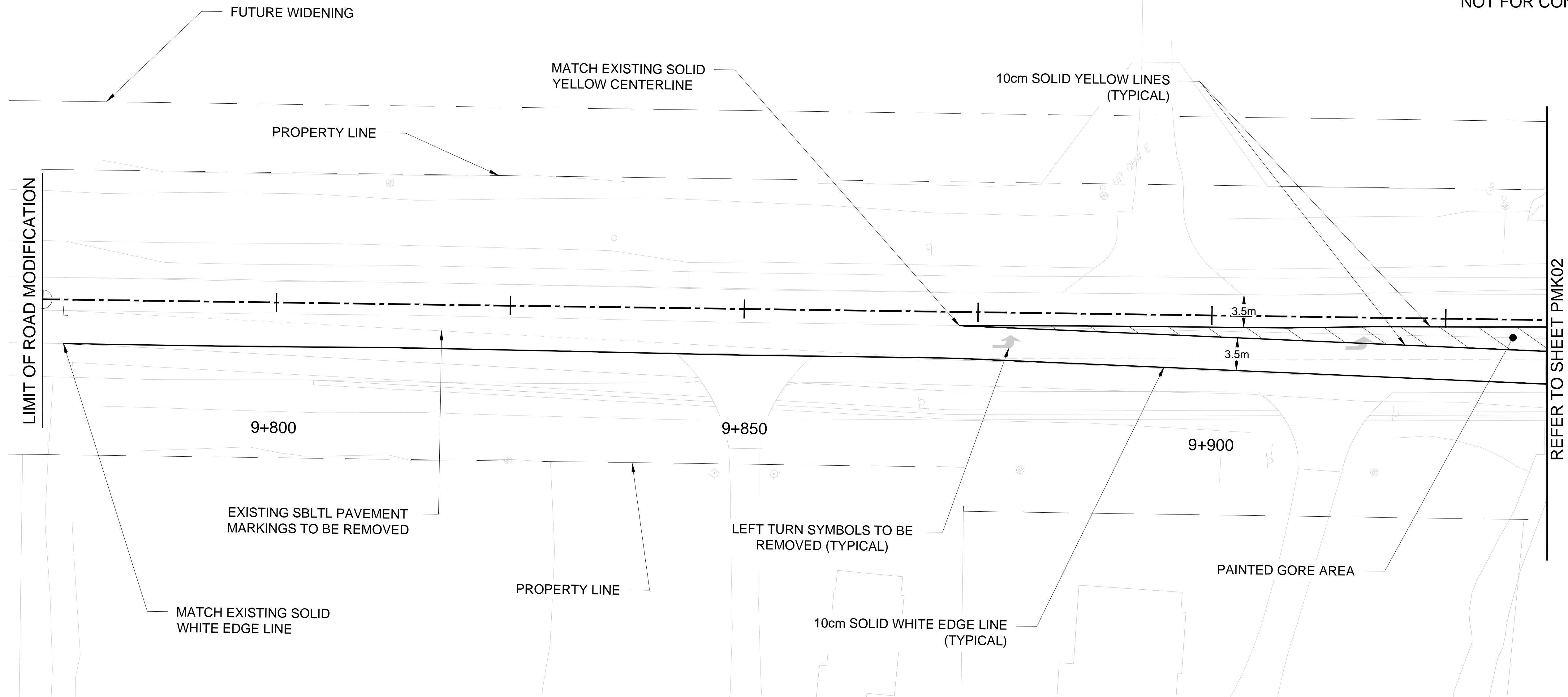


Contract No.	CP000XXX	Dwg. No.	PMK01
Sheet	-	of	-
Asset No.			
Asset Group			
Des.	B.B	Chk'd.	A.L
Dwn.	B.B	Chk'd.	A.L
Utility Circ. No.			
Index No.			
Const. Inspector			
Scale:	HORIZONTAL		
	0m	5	10

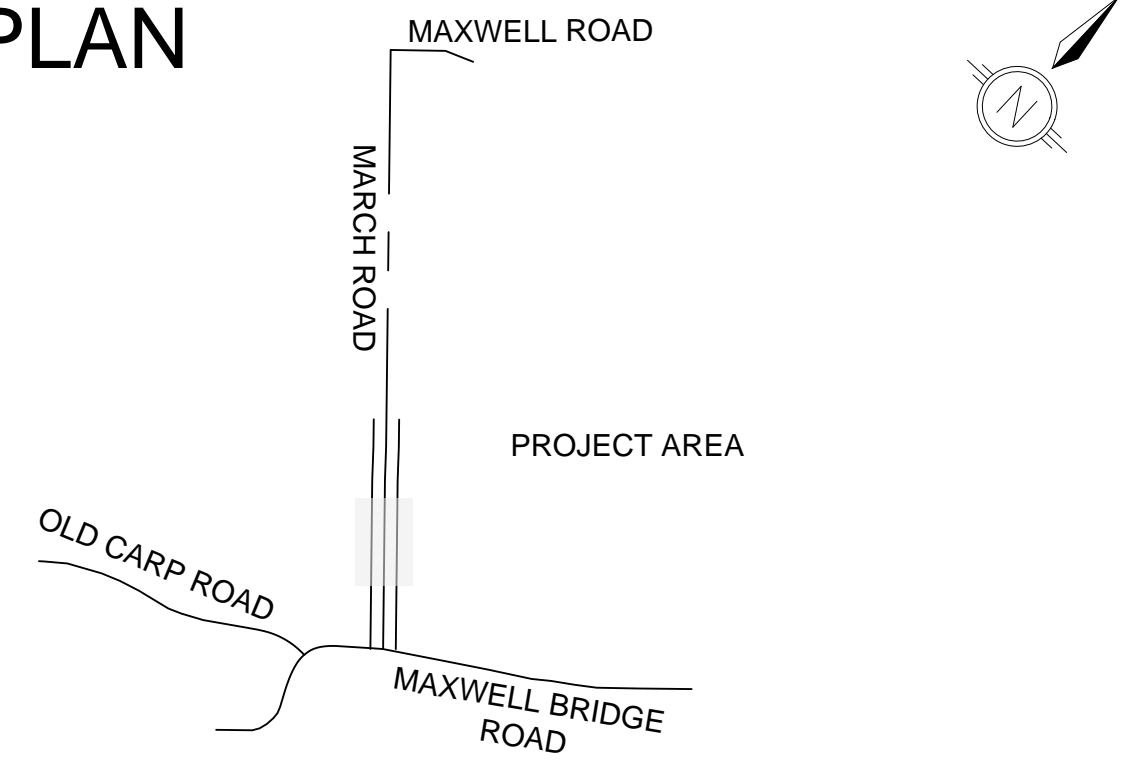
NOTE: The location of utilities is approximate only, the exact location should be determined by consulting the municipal authorities and utility companies concerned. The contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

No.	Description	By	Date (dd/mm/yy)
1.	ISSUED FOR FUNCTIONAL DESIGN REVIEW	M.C	25/01/23
2.	ISSUED FOR FUNCTIONAL DESIGN REVIEW	M.C	27/07/23

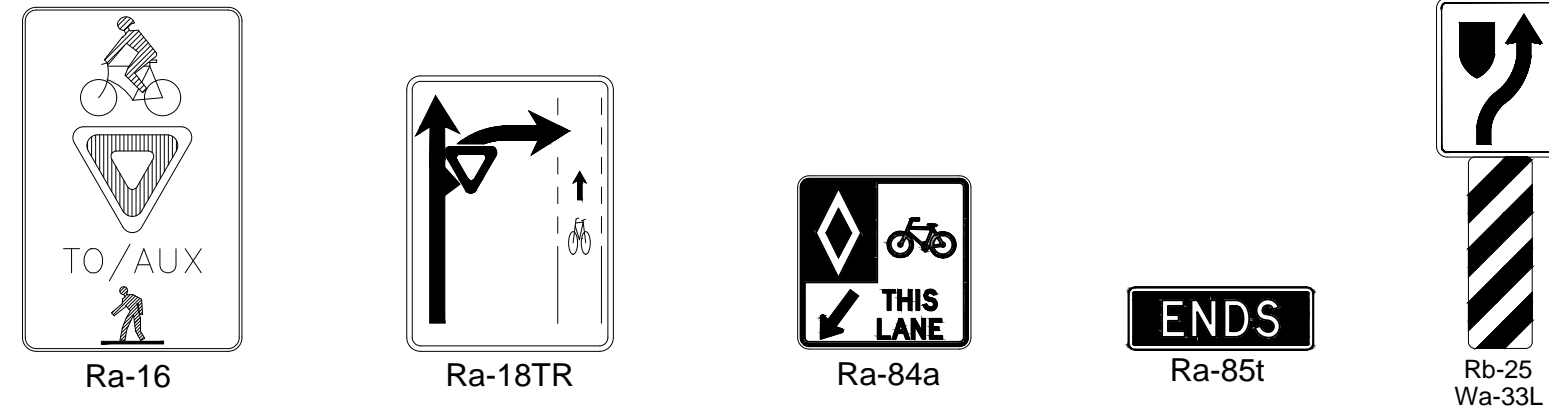
FUNCTIONAL DESIGN  
NOT FOR CONSTRUCTION



# KEY PLAN



# SIGN LEGEND



NOTES:  
ANY PROPOSED SIGNAGE FROM INTERIM RMA PACKAGE TO REMAIN UNLESS NOTED.

910 MARCH ROAD  
ROADWAY MODIFICATION  
ULTIMATE CONFIGURATION

PAVEMENT MARKING AND SIGNAGE  
MARCH ROAD  
STA 9+935 TO 10+125

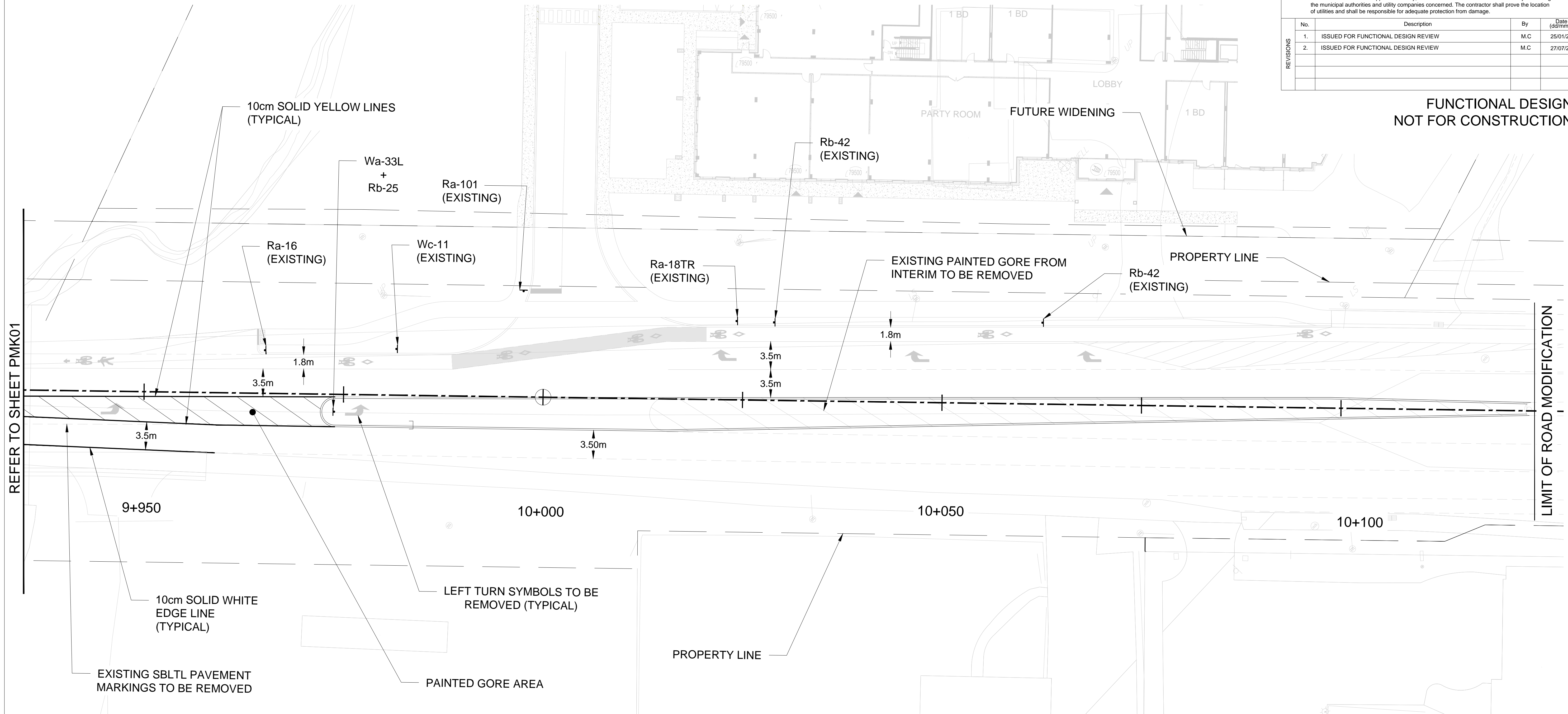


Contract No.	CP000XXX	Dwg. No.	PMK02
Sheet	-	of	-
Asset No.			
Asset Group			
Des.	B.B	Chk'd.	A.L
Dwn.	B.B	Chk'd.	A.L
Utility Circ. No.	Index No.		
Const. Inspector			
Scale:	HORIZONTAL		
	0m	5	10

NOTE: The location of utilities is approximate only, the exact location should be determined by consulting the municipal authorities and utility companies concerned. The contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

No.	Description	By	Date (dd/mm/yy)
1.	ISSUED FOR FUNCTIONAL DESIGN REVIEW	M.C	25/01/23
2.	ISSUED FOR FUNCTIONAL DESIGN REVIEW	M.C	27/07/23

FUNCTIONAL DESIGN  
NOT FOR CONSTRUCTION



REFER TO SHEET PMK01

LIMIT OF ROAD MODIFICATION





**910 March Road**  
**Intersection Modification Construction Costs**  
**Ultimate Condition**  
**Class 'D' Cost Estimate**  
**2023-07-27**



RMA-20XX-TPD-XX

Item	Description		Amount
<b>10</b>	<b>Construction</b>		<b>\$ 205,392.43</b>
10.00	Construction - General		\$ 2,500.00
10.01	Excavation and Removals		\$ 52,859.34
10.02	Concrete		\$ 145,500.60
10.03	Pavement Structure		\$ 2,232.49
10.05	Pavement Marking		\$ 1,500.00
10.07	Signage		\$ 800.00
20	Engineering and Architectural Services	15%	\$ 30,808.86
30	Contract Administration Fees (If Required)	10%	\$ 20,539.24
	<b>Sub Total</b>		<b>\$ 256,740.54</b>
40	Contingency	15%	\$ 30,808.86
	<b>GRAND TOTAL</b>		<b>\$ 287,549.40</b>

**910 March Road**  
**Intersection Modification Construction Costs**  
**Ultimate Condition**  
**Class 'D' Cost Estimate**  
**2023-07-27**



Item No.	Item Code	Description	Quantity	Units	Unit Price	Amount
<b>10.00</b>		<b>Construction General</b>				
	A020.01	Traffic Control Plan (includes Police assistance)	1	LS	\$ 1,500.00	\$ 1,500.00
	A030.01	Construction Site Pedestrian Control Plan	1	LS	\$ 1,000.00	\$ 1,000.00
<b>10.01</b>		<b>Excavation and Removals</b>				
	L040.35	Saw Cutting of Asphalt	618	m	\$ 13.63	\$ 8,423.34
	L040.37	Remove Asphalt Pavement by Dry Grinding	154	m <sup>2</sup>	\$ 103.17	\$ 15,898.50
	L040.38	Remove Asphalt Pavement - Full Depth (Stripping)	668	m <sup>2</sup>	\$ 42.74	\$ 28,537.50
<b>10.02</b>		<b>Concrete</b>				
	L260.01	Concrete Barrier Curb as per SC1.1	306	m	\$ 160.65	\$ 49,158.90
	L250.06	Concrete Sidewalks, Boulevards and Islands	455	m <sup>2</sup>	\$ 211.74	\$ 96,341.70
<b>10.03</b>		<b>Pavement Structure</b>				
	L380.20	Superpave 12.5mm (50mm Depth)	5	t	\$ 341.39	\$ 1,553.32
	L390.05	Superpave 19.0mm (70mm Depth)	3	t	\$ 226.39	\$ 679.17
<b>10.05</b>		<b>Pavement Markings</b>				
	-	Pavement Markings [Provisional]	1	LS	\$ 1,500.00	\$ 1,500.00
<b>10.07</b>		<b>Signage</b>				
		Wa-33L	1	ea	\$ 400.00	\$ 400.00
		Rb-25	1	ea	\$ 400.00	\$ 400.00
<b>Total</b>						<b>\$ 205,392.43</b>