

A background graphic featuring a network of interconnected nodes and lines, resembling a molecular or digital structure. The nodes are represented by circles of varying sizes, and the lines are thin and light gray. The overall color scheme is dark gray with orange accents.

MOVING ROADS FORWARD

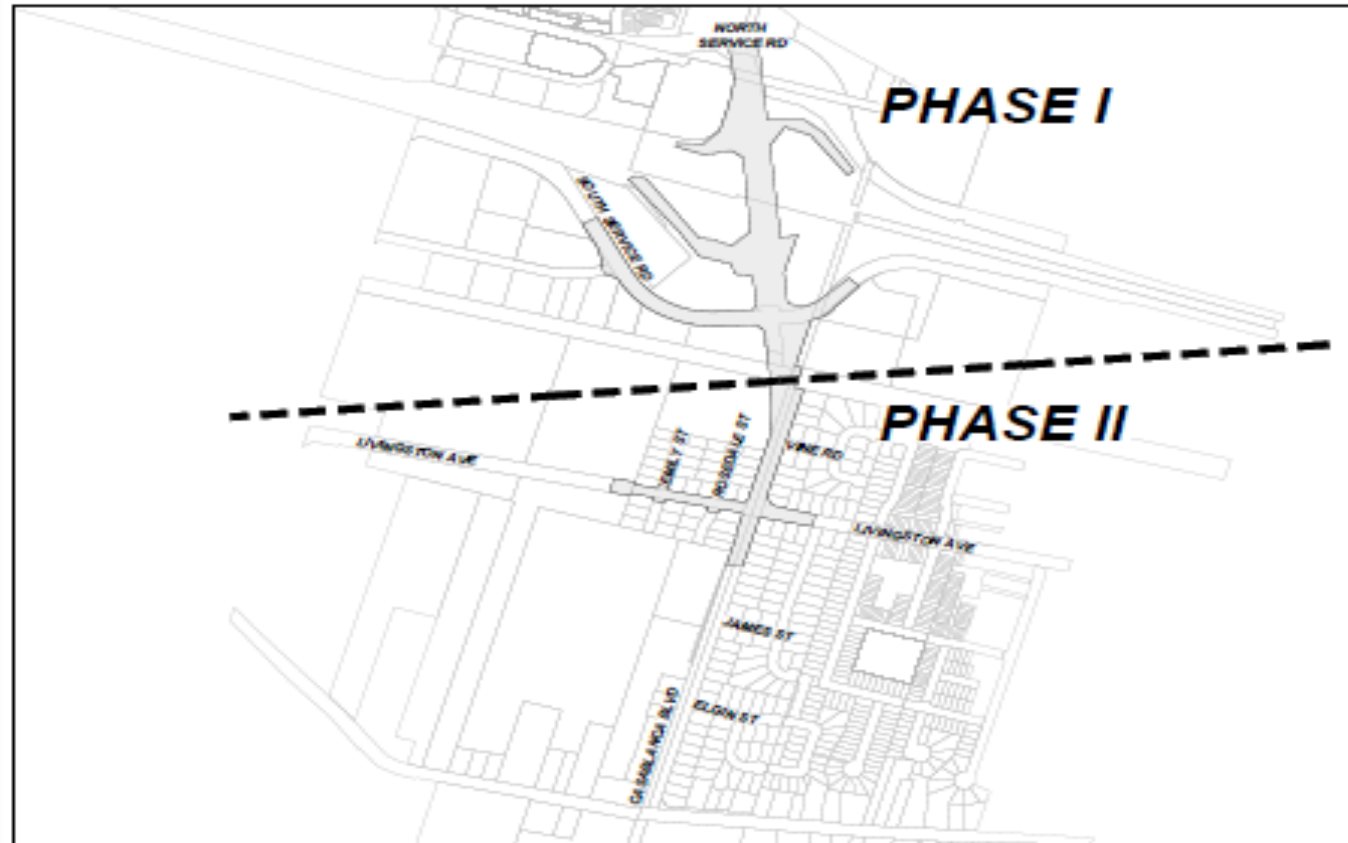
CONNECTING MORE PEOPLE TO MORE POSSIBILITIES

Pre-Construction Public Information
Centre

Reconstruction & Active Transportation Improvements of RR10 (Casablanca Blvd)

from the RR 39 (North Service Rd) to RR512
(Livingston Ave) in the Town of Grimsby

Project Location



Casablanca Boulevard from the North Service Road to Livingston Avenue

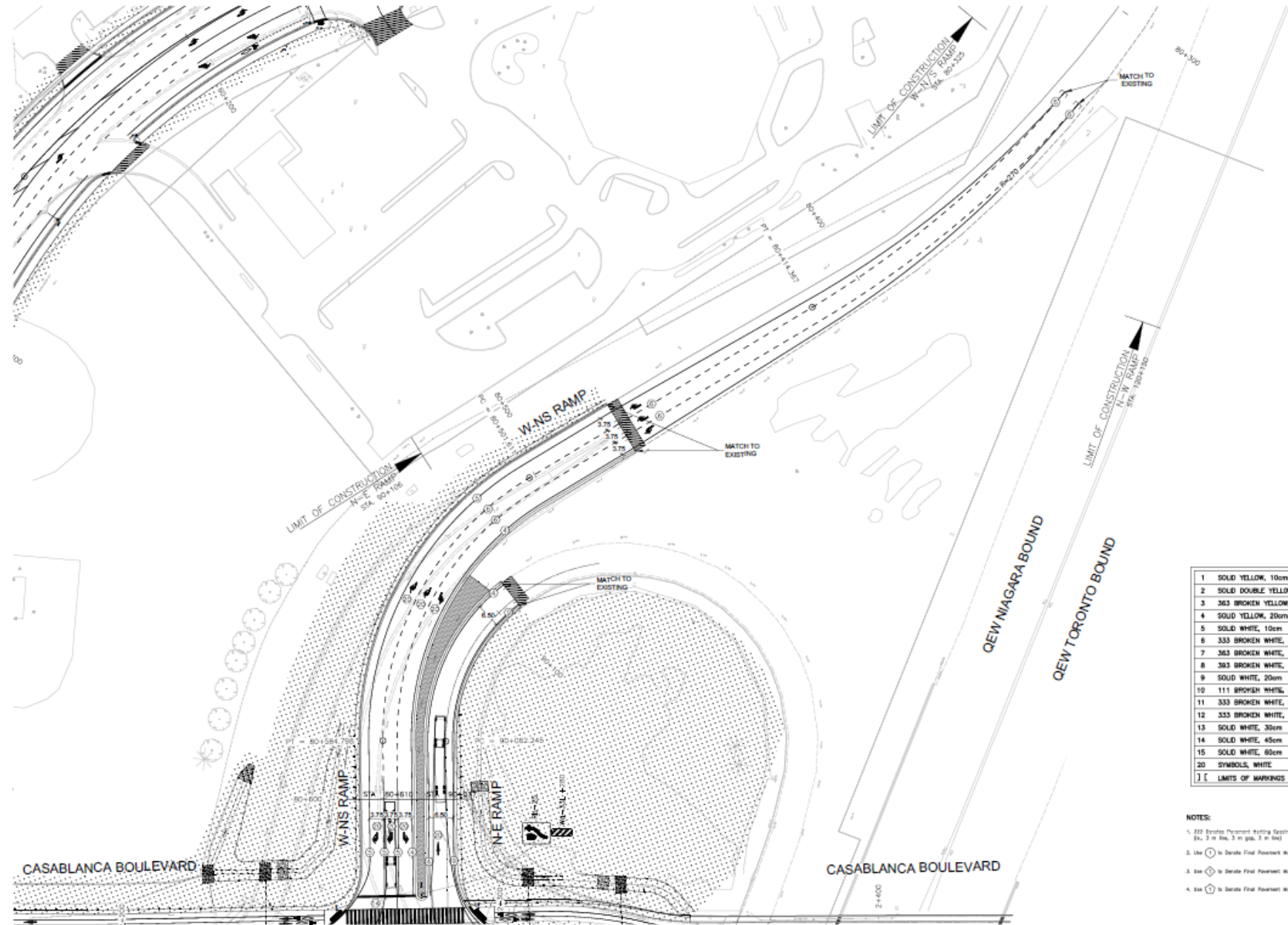
What Work Is Planned

- The Casablanca Boulevard Interchange at the QEW from North Service Road to South Service Road including ramp terminal adjustments, construction of a multiuse path and traffic signal improvements
- Widening of South Service Road from west of Industrial Drive to east of Casablanca Boulevard including access improvements to the future GO station and surrounding developments
- Widening of Casablanca Boulevard from South Service Road to Livingston Avenue
- Widening of Livingston Avenue from George Street to approximately 150 metres west of Emily Street
- Intersection improvements and signalization at:
 - Casablanca Boulevard at North Service Road
 - Casablanca Boulevard Interchange ramp terminals
 - Casablanca Boulevard at South Service Road
 - Casablanca Boulevard at Livingston Avenue
 - South Service Road at Industrial Drive
 - South Service Road at future GO Transit station
- Active transportation facilities throughout
- Stormwater management works



NOTES:

5. Use  to Denote Temporary Placement Marking. (Ex. 3 m line, 3 m gap, 3 m line)	6. Use  to Denote Final Placement Marking. Group 4
7. Use  to Denote Temporary Placement Marking. Group 1	8. Use  to Denote Temporary Placement Marking. Removable
9. Use  to Denote Temporary Placement Marking. Group 2	7. Use  to Denote Temporary Placement Marking. Non-Removable, Group 1
8. Use  to Denote Temporary Placement Marking. Group 3	8. Use  to Denote Temporary Placement Marking. Non-Removable, Group 2



1 SOLID YELLOW, 10cm	30 SYMBOLS, ORANGE
2 SOLID DOUBLE YELLOW, 10cm	31 SOLID DOUBLE ORANGE, 10cm
3 363 BROKEN YELLOW, 10cm	32 SOLID ORANGE, 10cm
4 SOLID YELLOW, 20cm	33 333 BROKEN ORANGE, 10cm
5 SOLID WHITE, 10cm	34 363 BROKEN ORANGE, 10cm
6 333 BROKEN WHITE, 10cm	35 363 BROKEN ORANGE, 15cm
7 363 BROKEN WHITE, 10cm	36 SOLID ORANGE, 30cm
8 363 BROKEN WHITE, 10cm	37 111 BROKEN ORANGE, 20cm
9 SOLID WHITE, 20cm	38 333 BROKEN ORANGE, 20cm
10 111 BROKEN WHITE, 20cm	39 232 BROKEN ORANGE, 20cm
11 333 BROKEN WHITE, 20cm	40 SOLID ORANGE, 30cm
12 333 BROKEN WHITE, 30cm	41 SOLID ORANGE, 45cm
13 SOLID WHITE, 30cm	42 SOLID ORANGE, 60cm
14 SOLID WHITE, 45cm	
15 SOLID WHITE, 60cm	
20 SYMBOLS, WHITE	
21 LIMITS OF MARKINGS	

NOTES:

1. 333 Broken Pavement Marking Group 1 (See 3 m Box, 3 m gap, 3 m Box)
2. Use (1) to Denote Final Pavement Marking, Group 1
3. Use (2) to Denote Final Pavement Marking, Group 2
4. Use (3) to Denote Final Pavement Marking, Group 3
5. Use (4) to Denote Final Pavement Marking, Group 4
6. Use (5) to Denote Temporary Pavement Marking, Non-Recordable, Group 1
7. Use (6) to Denote Temporary Pavement Marking, Non-Recordable, Group 2
8. Use (7) to Denote Temporary Pavement Marking, Non-Recordable, Group 3

**MOVING
ROADS
FORWARD**

DATE	2026-05-01	BY	MM
DESIGNED BY	MM	CHECKED BY	MM
APPROVED BY	MM	APPROVED BY	MM

DRAWN BY	MM
CHECKED BY	MM
APPROVED BY	MM

Niagara Region
PUBLIC WORKS

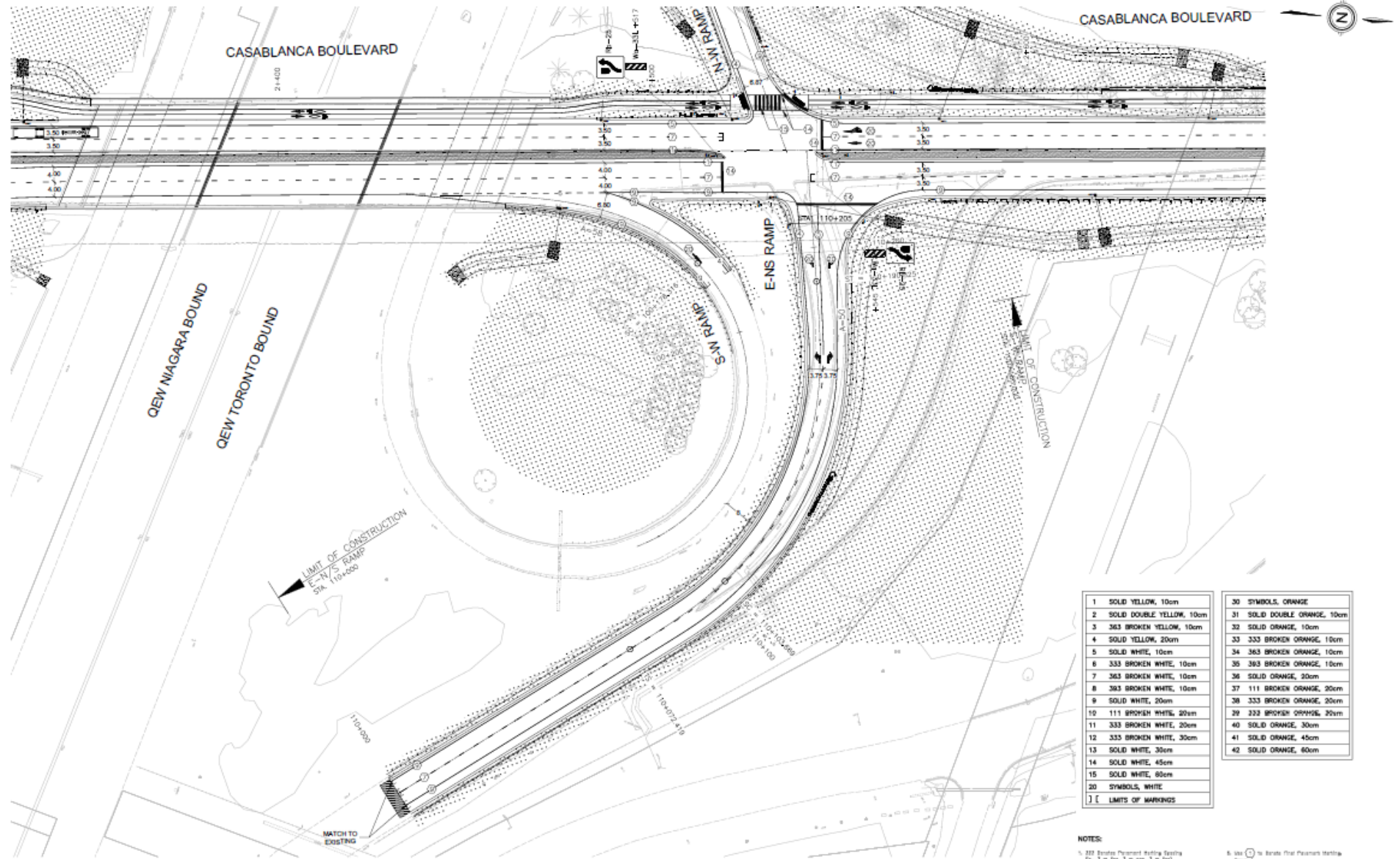


PROJECT / CONTRACT 2026-T-70
ROAD RECONSTRUCTION - PHASE 1
CASABLANCA BOULEVARD
BETWEEN MAIN STREET AND NORTH SERVICE ROAD
TOWN OF GRIMSBY
PAVEMENT MARKINGS II

DATE	MAY 2025
SCALE	1" = 1000'
REV. No.	2026-T-70
FILE No.	5482-C-437



CONSULTANT FILE No. 2020-1482	
DATE	MAY 2025
SCALE	Net : 1:500 m
REF. No.	2020-T-70
DWG. No.	5482-C-438



- NOTES:**
1. 200 Series Pavement Marking Symbols (See 3 or 4 in spec. 3 or 4 in spec.)
 2. Use (1) to Denote First Pavement Marking, Group 1
 3. Use (2) to Denote First Pavement Marking, Group 2
 4. Use (3) to Denote First Pavement Marking, Group 3
 5. Use (4) to Denote First Pavement Marking, Group 4
 6. Use (5) to Denote Temporary Pavement Marking, Removable
 7. Use (6) to Denote Temporary Pavement Marking, Non-Removable, Group 1
 8. Use (7) to Denote Temporary Pavement Marking, Non-Removable, Group 1

DATE	2025-05-15
REVISION	1
BY	MM
CHECKED BY	MM
APPROVED BY	MM

DRAWN	MM
CHECKED BY	MM
APPROVED BY	MM

Niagara Region



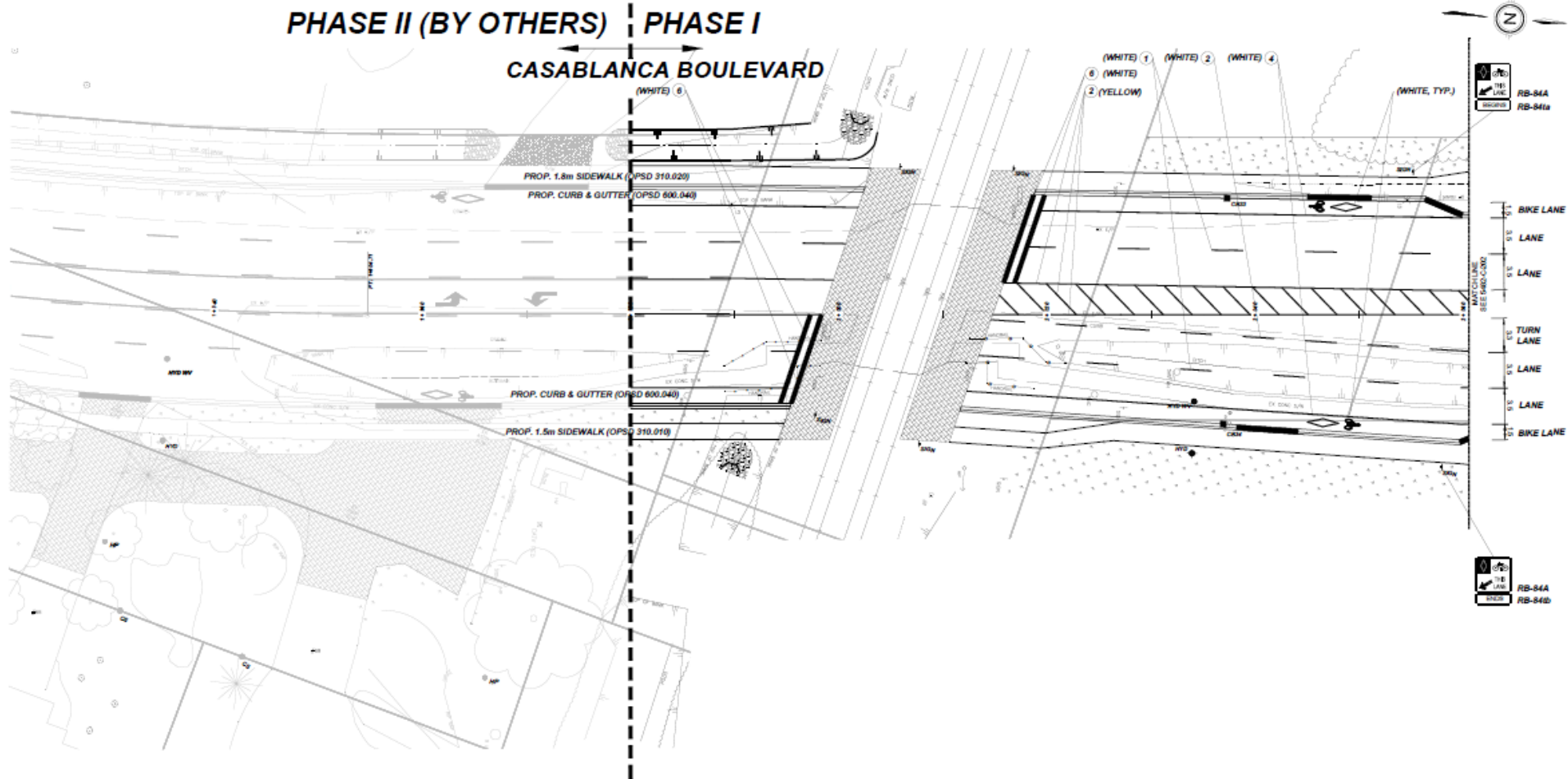
PROJECT / CONTRACT 2026-T-70
ROAD RECONSTRUCTION - PHASE 1
CASABLANCA BOULEVARD
BETWEEN MAIN STREET AND NORTH SERVICE ROAD
TOWN OF GRIMSBY
NEW CONSTRUCTION IV

CONSULTANT FILE NO.	2025-1482
DATE	MAY 2025
SCALE	N = 1:500
REV. NO.	2026-T-70
PROJECT NO.	5482-C-439

PHASE II (BY OTHERS) | PHASE I

CASABLANCA BOULEVARD

BIKE LANE
LANE
LANE
TURN LANE
LANE
LANE
BIKE LANE



RB-84A
RB-84a

RB-84A
RB-84a

PAVEMENT MARKING TABLE		
BROKEN LINES		
NO.	PAINT LENGTH (m)	THICKNESS (mm)
1	3.00	100
2	3.00	100
3	1.00	100
SOLID LINES		
NO.	PAINT LENGTH (m)	THICKNESS (mm)
4	-	100
5	-	200
6	-	500

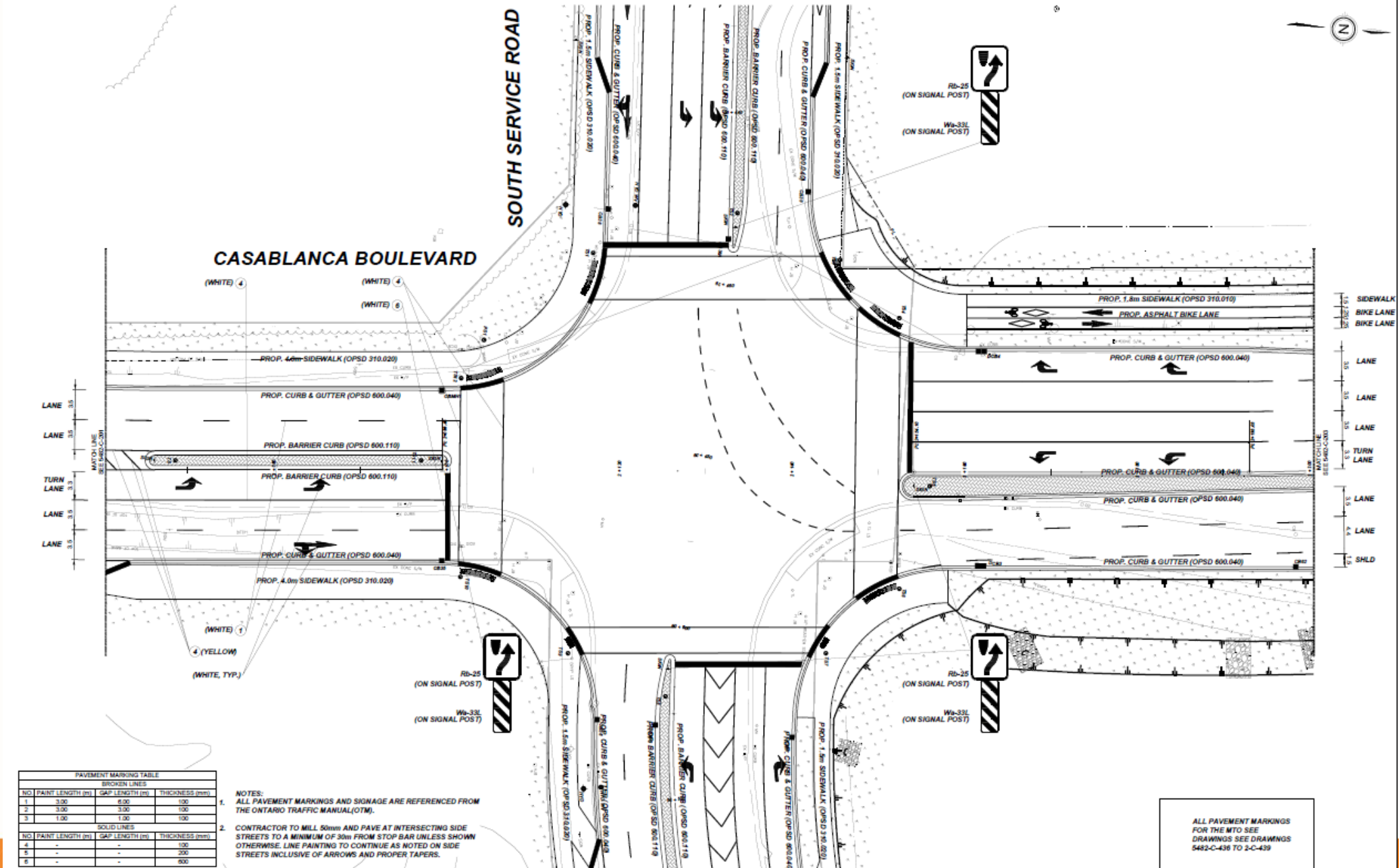
- NOTES:
1. ALL PAVEMENT MARKINGS AND SIGNAGE ARE REFERENCED FROM THE ONTARIO TRAFFIC MANUAL (OTM).
 2. CONTRACTOR TO MILL 50mm AND PAVE AT INTERSECTING SIDE STREETS TO A MINIMUM OF 30m FROM STOP BAR UNLESS SHOWN OTHERWISE. LINE PAINTING TO CONTINUE AS NOTED ON SIDE STREETS INCLUSIVE OF ARROWS AND PROPER TAPERS.

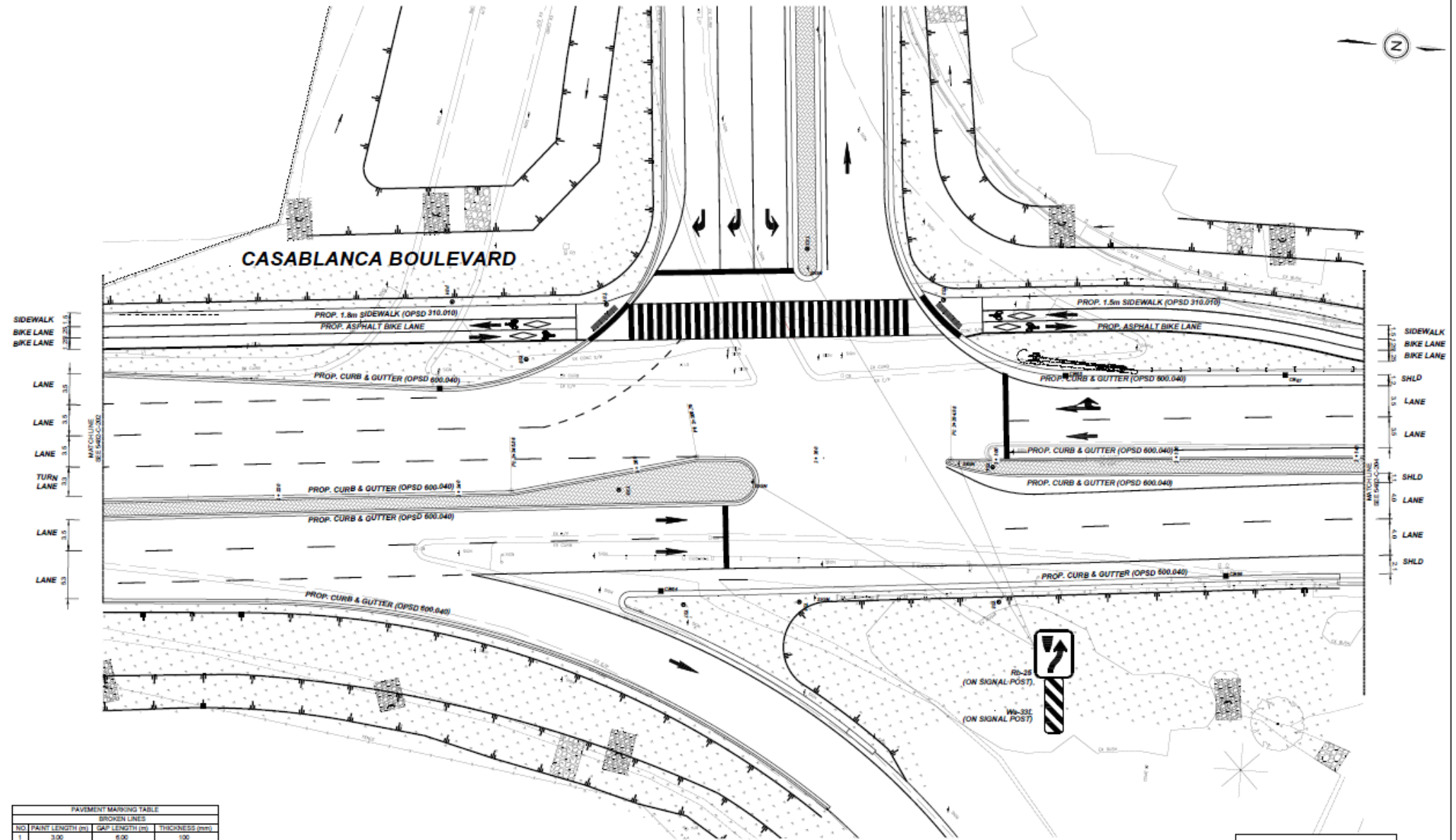
MOVING
ROADS
FORWARD

Niagara Region
PUBLIC WORKS

PROJECT / CONTRACT #
ROAD RECONSTRUCTION - PHASE 1
CASABLANCA BOULEVARD
BETWEEN MAIN STREET AND NORTH SERVICE ROAD
TOWN OF GRIMSBY
PAVEMENT MARKINGS - STA 1+980 TO STA 2+060

DATE: 2023-07-10
BY: [Signature]
PROJECT #
5482-C-201





PAVEMENT MARKING TABLE			
BROKEN LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
1	3.00	6.00	100
2	3.00	3.00	100
3	1.00	1.00	100
SOLID LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
4	-	-	100
5	-	-	200
6	-	-	600

- NOTES:
1. ALL PAVEMENT MARKINGS AND SIGNAGE ARE REFERENCED FROM THE ONTARIO TRAFFIC MANUAL (OTM).
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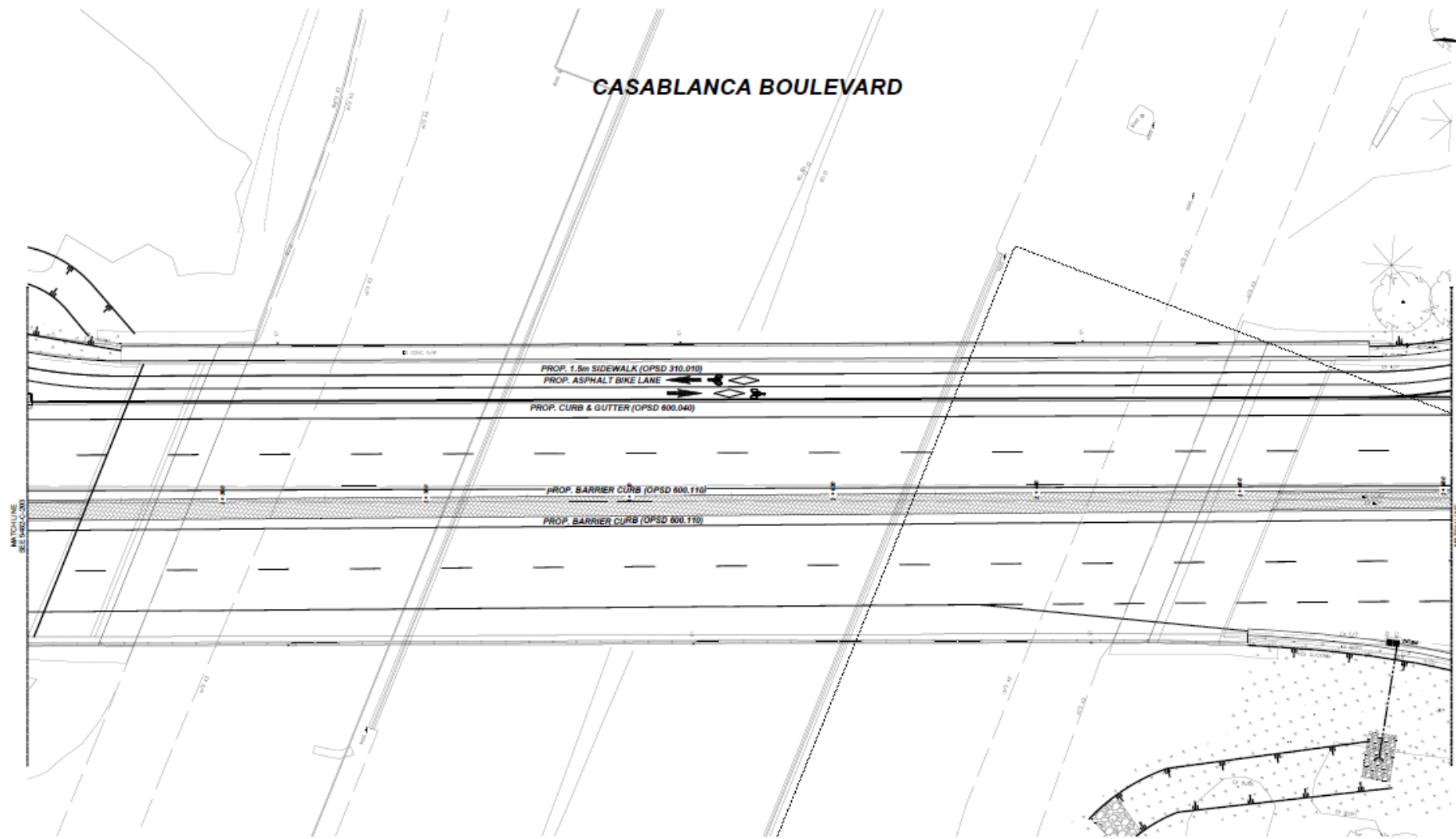
ALL PAVEMENT MARKINGS FOR THE MTO SEE DRAWINGS SEE DRAWINGS 5482-C-436 TO 2-C-439

MOVING
ROADS
FORWARD

DATE: 11/11/2023 BY: [Signature] CHECKED: [Signature] APPROVED: [Signature]	PROJECT / CONTRACT # ROAD RECONSTRUCTION - PHASE 1 CASABLANCA BOULEVARD BETWEEN MAIN STREET AND NORTH SERVICE ROAD TOWN OF GRIMSBY PAVEMENT MARKINGS - STA 2+200 TO STA 2+340	Niagara Region PUBLIC WORKS	DRAWING FILE: 5482-C-203 DATE: 11/11/2023 BY: [Signature] CHECKED: [Signature] APPROVED: [Signature]
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CASABLANCA BOULEVARD

SIDEWALK
BIKE LANE
BIKE LANE
SHLD
LANE
LANE
LANE
LANE
SHLD



SIDEWALK
BIKE LANE
BIKE LANE
LANE
LANE
LANE
LANE
SHLD

PAVEMENT MARKING TABLE			
BROKEN LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
1	3.00	6.00	100
2	3.00	3.00	100
3	1.00	1.00	100
SOLID LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
4	-	-	100
5	-	-	300
6	-	-	600

- NOTES:
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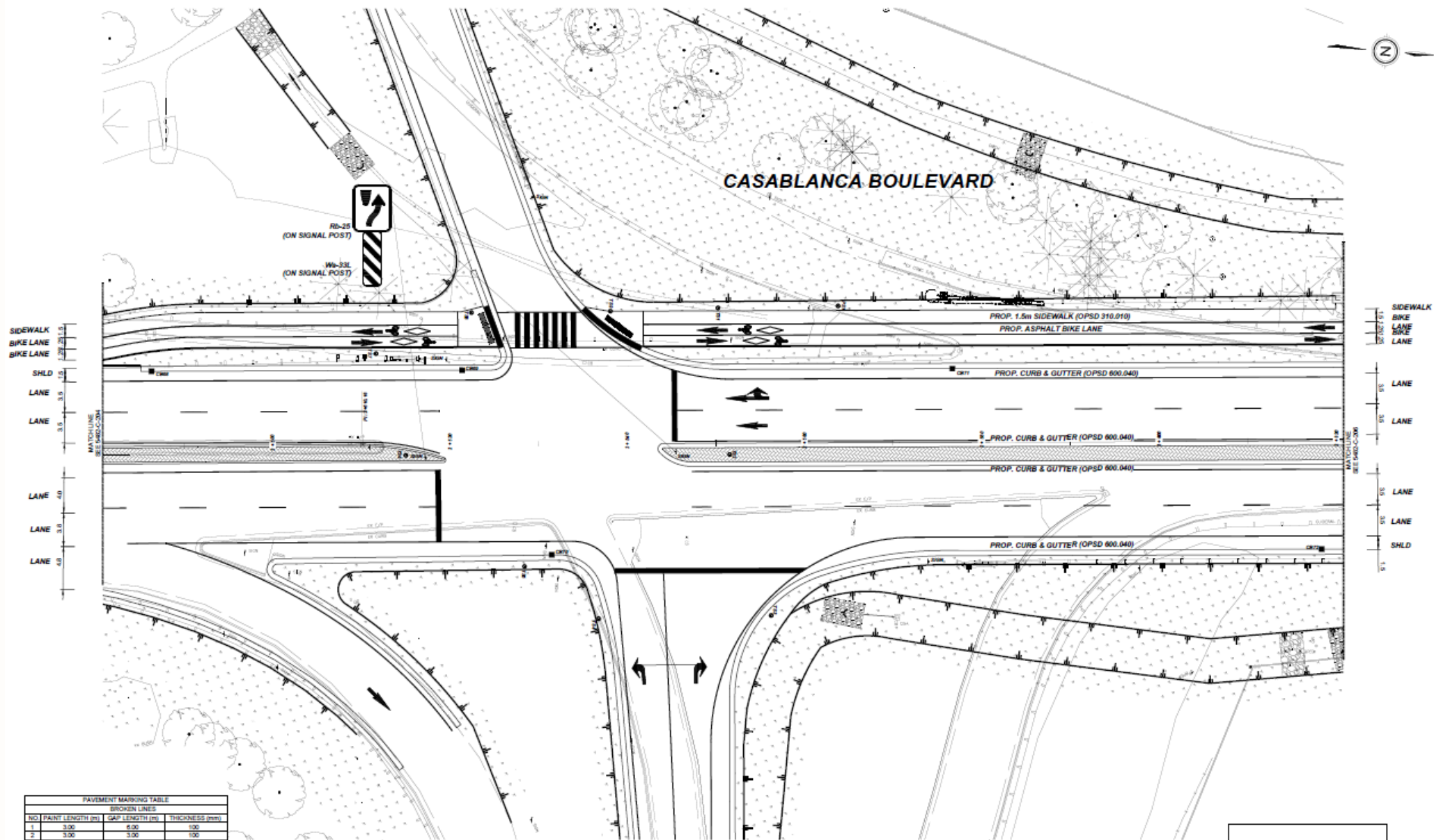
ALL PAVEMENT MARKINGS
FOR THE MTO SEE
DRAWINGS SEE DRAWINGS
5482-C-436 TO 2-C-439

MOVING
ROADS
FORWARD

Niagara Region
PUBLIC WORKS

PROJECT / CONTRACT #
ROAD RECONSTRUCTION - PHASE 1
CASABLANCA BOULEVARD
BETWEEN MAIN STREET AND NORTH SERVICE ROAD
TOWN OF GRIMSBY
PAVEMENT MARKINGS - STA 2+340 TO STA 2+480

DATE: 04-11-2023
SCALE: 1:1000
DRAWN BY: [Signature]
CHECKED BY: [Signature]
5482-C-204

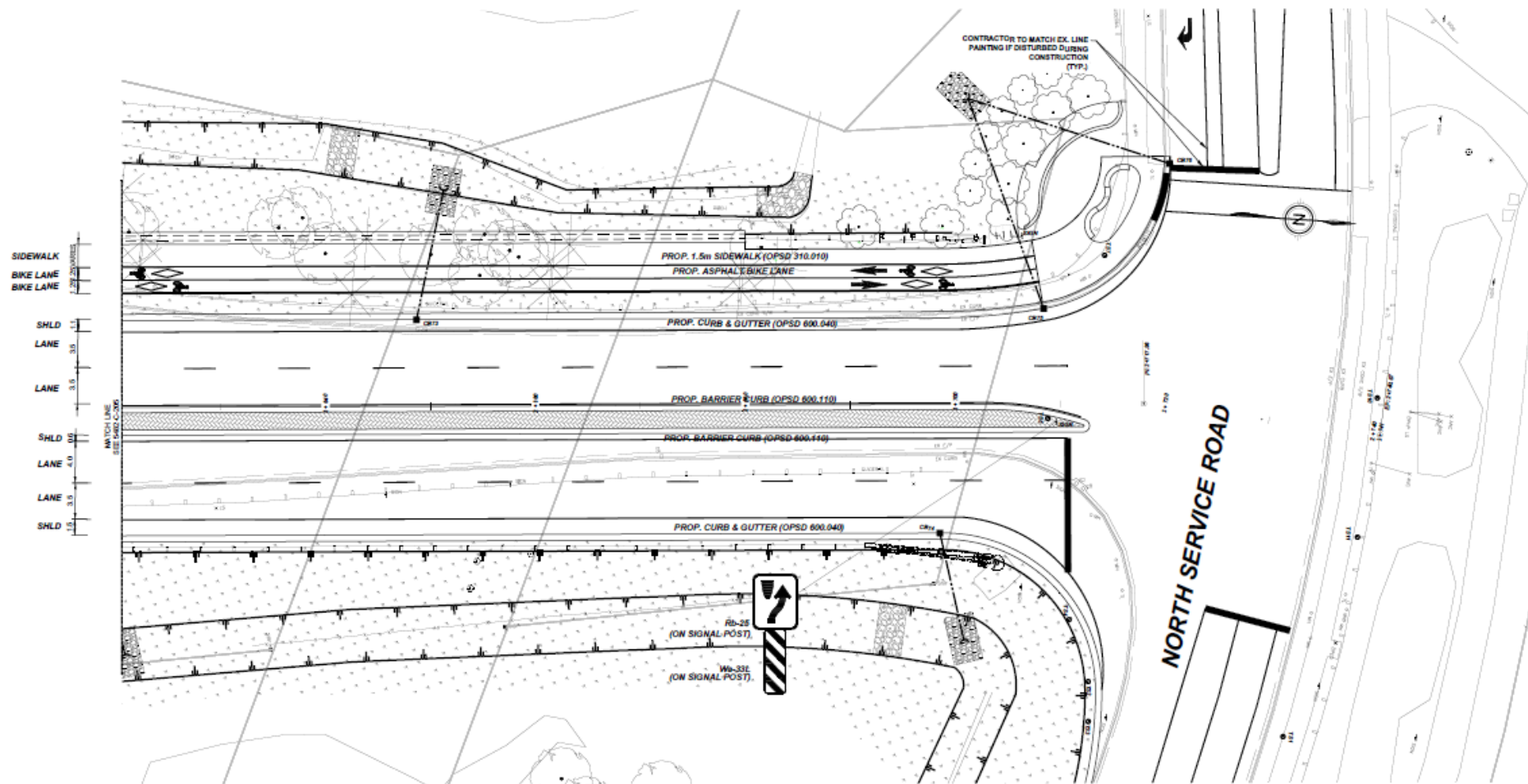


BROKEN LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
1	3.00	6.00	100
2	3.00	3.00	100
3	1.00	1.00	100
SOLID LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
4	-	-	100
5	-	-	200
6	-	-	600

- NOTES:
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ALL PAVEMENT MARKINGS
FOR THE MTO SEE
DRAWINGS SEE DRAWINGS
5482-C-436 TO 2-C-439

CASABLANCA BOULEVARD



PAVEMENT MARKING TABLE			
BROKEN LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
1	3.00	6.00	100
2	3.00	3.00	100
3	1.00	1.00	100
SOLID LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
4	-	-	100
5	-	-	200
6	-	-	500

- NOTES:
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ALL PAVEMENT MARKINGS
FOR THE MTO SEE
DRAWINGS SEE DRAWINGS
5482-C-436 TO 2-C-439

MOVING
ROADS
FORWARD

Niagara Region
PUBLIC WORKS

PROJECT / CONTRACT #
ROAD RECONSTRUCTION - PHASE 1
CASABLANCA BOULEVARD
BETWEEN MAIN STREET AND NORTH SERVICE ROAD
TOWN OF GRIMSBY
PAVEMENT MARKINGS - STA 2+620 TO STA 2+741

DATE	FILE	NO.	DATE
DATE	FILE	NO.	DATE
DATE	FILE	NO.	DATE
DATE	FILE	NO.	DATE

SOUTH SERVICE RD

(WHITE) ②
(WHITE, TYP.)
(YELLOW) ④
(WHITE) ④
(WHITE) ⑥
(YELLOW) ④
(WHITE) ①
(WHITE) ④

PROP. CURB & GUTTER (OPSD 800.040)

SEE A-1

LANE
TURN LANE
LANE
LANE

RB-S4A
RB-S4B
RB-S4A
RB-S4B

SOUTH SERVICE RD

(WHITE, TYP.)
(WHITE) 2
(WHITE) 1
(YELLOW) 4
(WHITE) 4
(WHITE) 2

Bike Lane
Lane
Turn Lane
Lane
Bike Lane

MATCH LINE TO SHEET 09-01

PROP. 1.5m SIDEWALK (OPSD 310.010)
PROP. CURB & GUTTER (OPSD 600.040)

PROP. CURB & GUTTER (OPSD 600.040)
PROP. 1.5m SIDEWALK (OPSD 310.010)

MATCH LINE TO SHEET 09-02

Bike Lane
Lane
Lane
Lane
Bike Lane

NOTES:
1. ALL PAVEMENT MARKINGS AND SIGNAGE ARE REFERENCED FROM THE ONTARIO TRAFFIC MANUAL (OTM).
2. CONTRACTOR TO MILL 50mm AND PAVE AT INTERSECTING SIDE STREETS TO A MINIMUM OF 30m FROM STOP BAR UNLESS SHOWN OTHERWISE. LINE PAINTING TO CONTINUE AS NOTED ON SIDE STREETS INCLUSIVE OF ARROWS AND PROPER TAPERS.

PAVEMENT MARKING TABLE			
BROKEN LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
1	3.00	6.00	100
2	3.00	3.00	100
3	1.00	1.00	100
SOLID LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
4	-	-	100
5	-	-	200
6	-	-	600

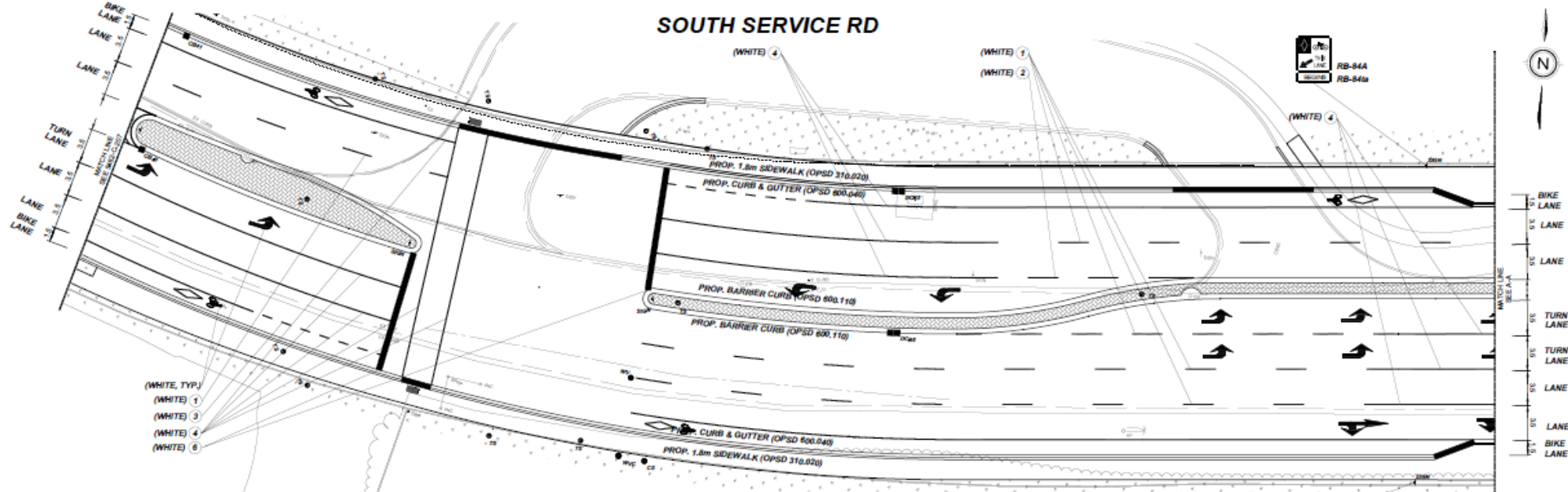
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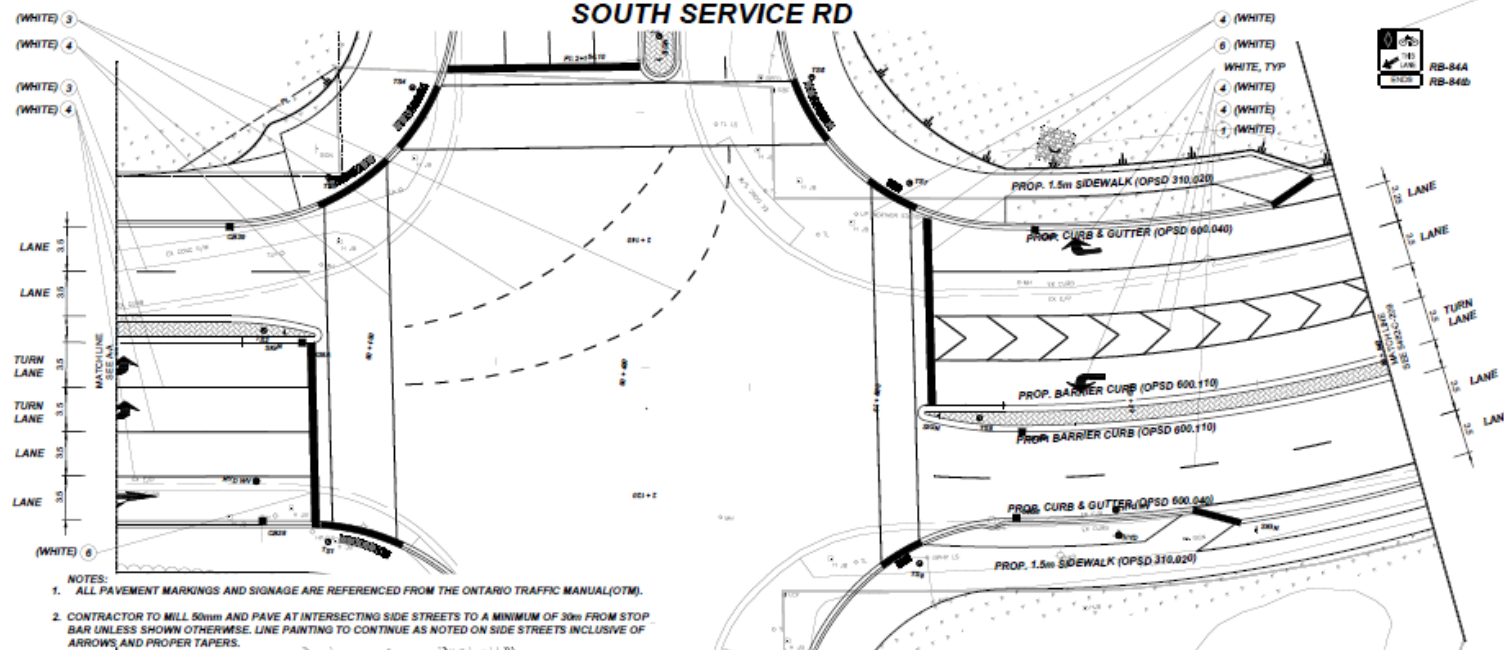
PAVEMENT MARKING TABLE			
BROKEN LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
1	3.00	6.00	100
2	3.00	3.00	100
3	1.00	1.00	100
SOLID LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
4	-	-	100
5	-	-	200
6	-	-	600

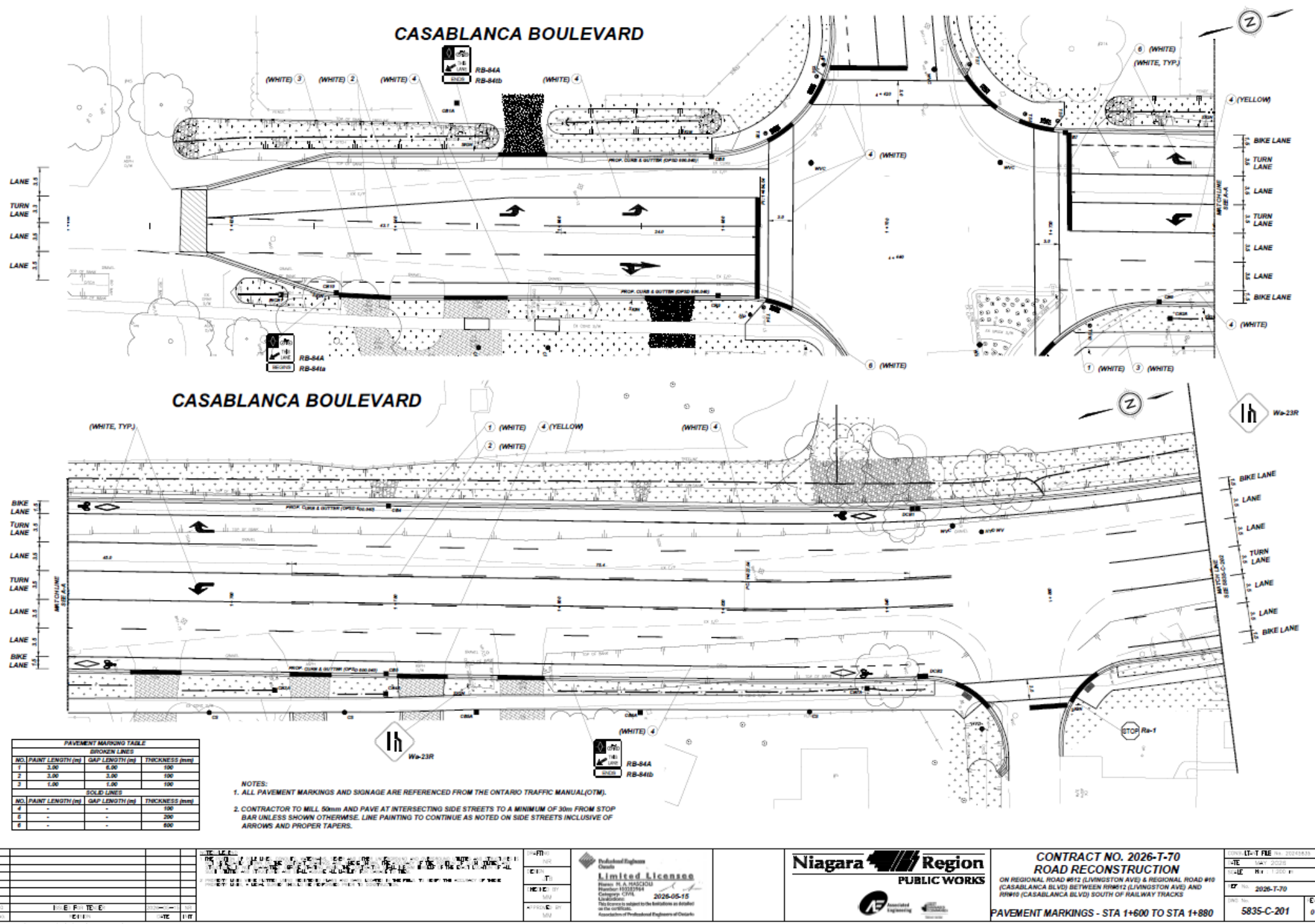
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 - CONTRACTOR TO MILL 50mm AND PAVE AT INTERSECTING SIDE STREETS TO A MINIMUM OF 30m FROM STOP BAR UNLESS SHOWN OTHERWISE. LINE PAINTING TO CONTINUE AS NOTED ON SIDE STREETS INCLUSIVE OF ARROWS AND PROPER TAPERS.

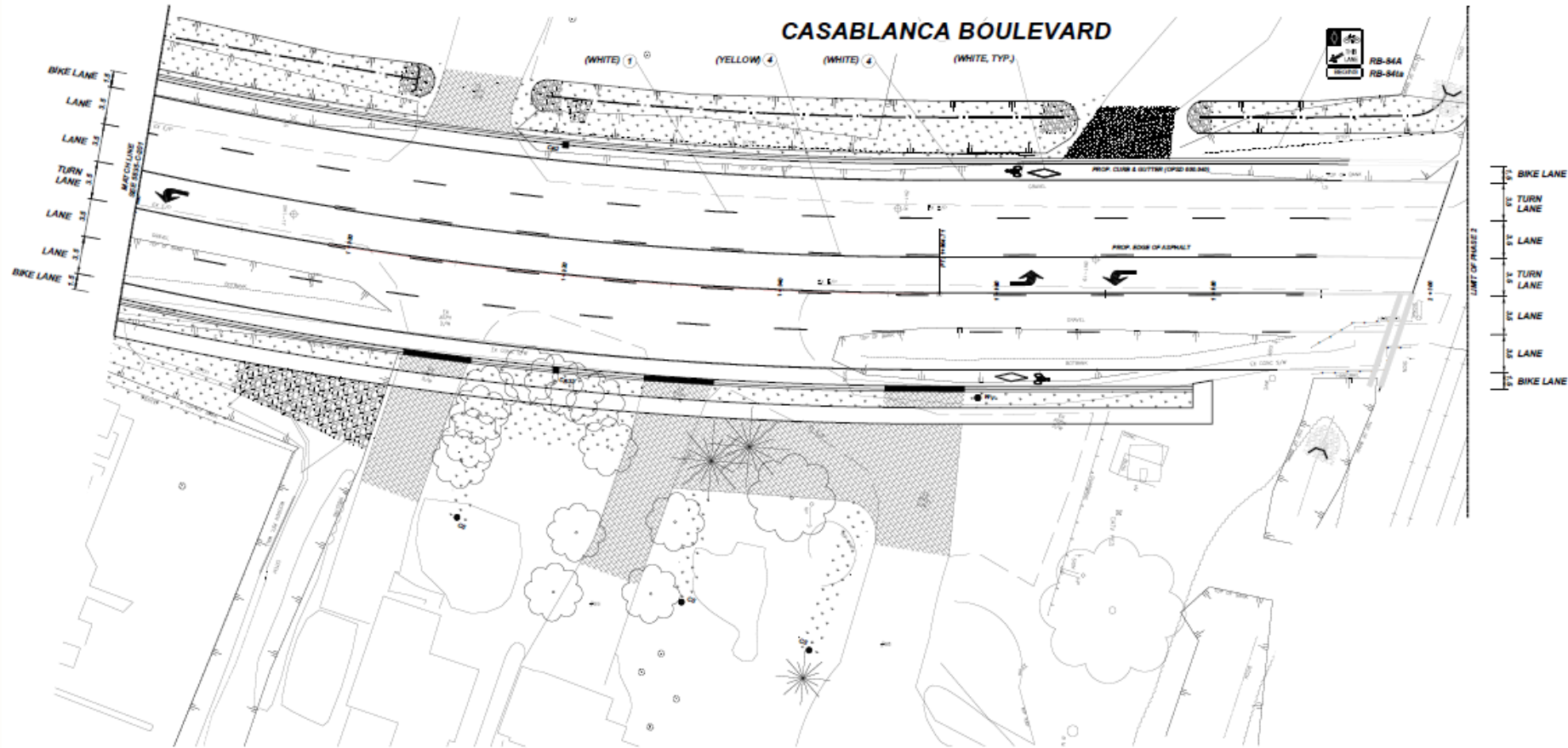
SOUTH SERVICE RD



SOUTH SERVICE RD







PAVEMENT MARKING TABLE			
BROKEN LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
1	3.00	6.00	100
2	3.00	3.00	100
3	1.00	1.00	100
SOLID LINES			
NO.	PAINT LENGTH (m)	GAP LENGTH (m)	THICKNESS (mm)
4	-	-	100
5	-	-	200
6	-	-	600

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**MOVING
ROADS
FORWARD**

DATE: 2026-05-15	BY: [Signature]
REVISION:	
1. DATE: 2026-05-15	BY: [Signature]
2. DATE: 2026-05-15	BY: [Signature]

PROJECT: CASABLANCA BOULEVARD ROAD RECONSTRUCTION	DATE: 2026-05-15
LOCATION: CASABLANCA BOULEVARD, NIAGARA FALLS, ONTARIO	BY: [Signature]
SCALE: AS SHOWN	REVISION: 1
DESIGNED BY: [Signature]	CHECKED BY: [Signature]
DRAWN BY: [Signature]	APPROVED BY: [Signature]

Professional Engineer Details	2026-05-15
Limited License	2026-05-15
Engineer: [Signature]	2026-05-15
Associate: [Signature]	2026-05-15
Technician: [Signature]	2026-05-15

Niagara Region
PUBLIC WORKS

Associated Engineering

CONTRACT NO. 2026-T-70
ROAD RECONSTRUCTION
ON REGIONAL ROAD #512 (LIVINGSTON AVE) & REGIONAL ROAD #10 (CASABLANCA BLVD) BETWEEN R/R#512 (LIVINGSTON AVE) AND R/R#10 (CASABLANCA BLVD) SOUTH OF RAILWAY TRACKS

PAVEMENT MARKINGS - STA 1+880 TO STA 2+000

DATE: 2026-05-15	BY: [Signature]
REVISION:	
1. DATE: 2026-05-15	BY: [Signature]
2. DATE: 2026-05-15	BY: [Signature]

(YELLOW) 2



1

(YELLOW) 2



ENTHUSIAST

Diagram of a five-lane road cross-section. From top to bottom: BIKE LANE (7.5 ft), LANE (3.5 ft), TURN LANE (3.3 ft), LANE (3.5 ft), and BIKE LANE (7.5 ft).

LAN

Q	ISSUE FOR TENDER	2020-05-15	NR
NO	REMARKS	DATE	INIT

(continued)

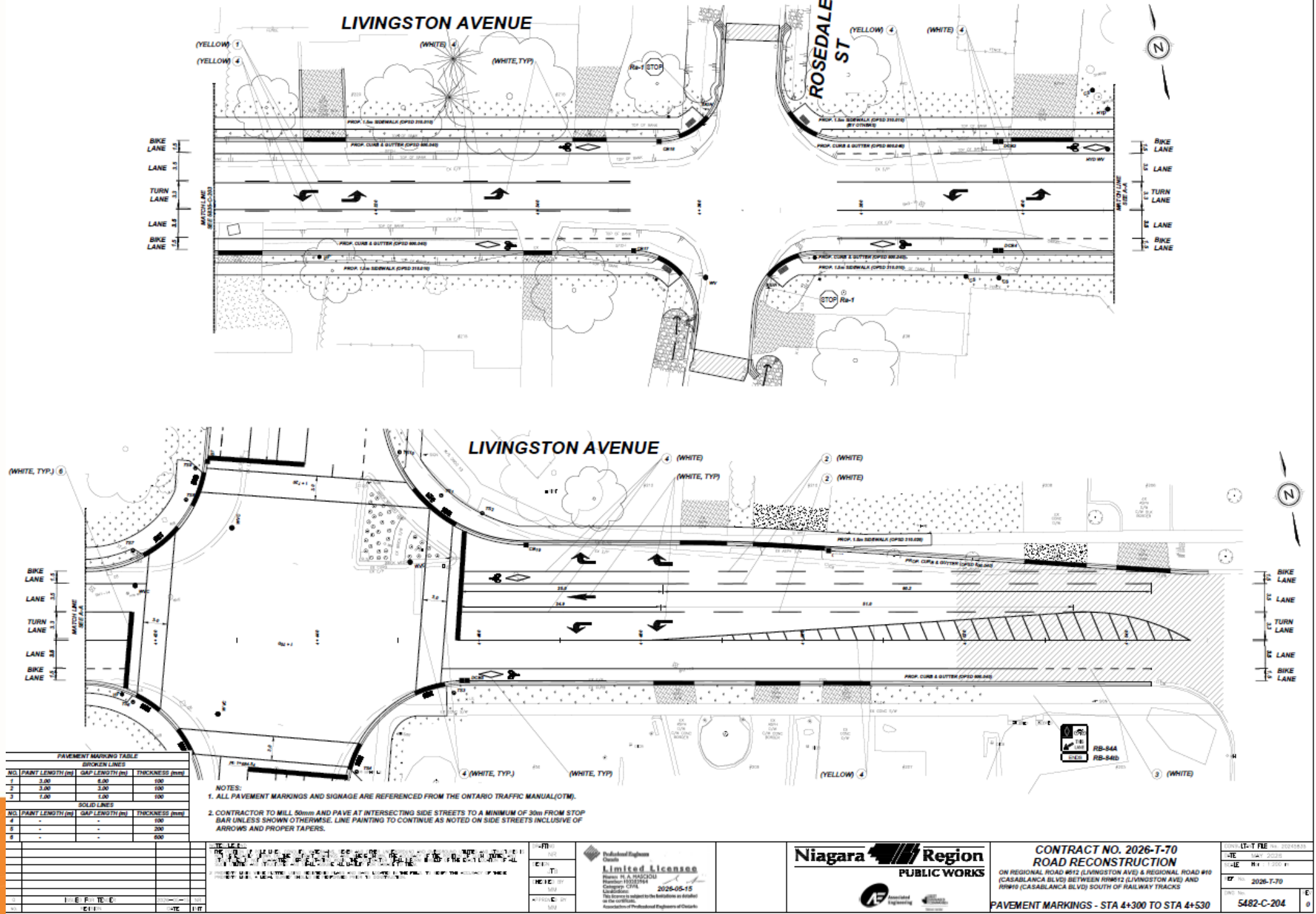
15	DP
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Associated Engineering

PAVEMENT MARKINGS - STA 4+000 TO STA 40+300

CONV: LT-T FILE No. 20245835
D-TE MAY 2028
SCALE H: 1:200 m
REF. No. 2026-7-70
DWG. No. 5482-C-203



When Construction Is Expected

- Construction and related improvements are expected to begin in the Fall 2026.
- Project completion by Spring 2028.
- Work will likely be carried out in stages over multiple construction seasons
- Schedule may be affected by weather, utilities, and field conditions

What to Expect Before Construction

- Nearby residents and businesses will receive notice before construction begins
- Pre-construction condition surveys will be requested for some properties
- Properties owners will be contacted in advance
- Surveys help document existing property conditions

What to Expect During Construction

- Temporary lane restrictions and traffic changes
- Construction noise, dust, and equipment in the area
- Temporary impacts to sidewalks, walking routes, and nearby properties
- Changing work zones as construction progresses
- Advance notice will be provided for major disruptions where possible

How Access, Traffic, and Services Will Be Managed

- Access to homes and businesses will be maintained where feasible
- Temporary impacts to driveways may occur during certain stages of work
- Traffic will be managed through temporary restrictions, signage and lane adjustments
- Temporary service disruptions may be required during some construction activities
- Advance notice will be provided for planned shutdowns or significant disruptions

How to Stay Informed

- Project updates will be shared by Niagara Region as construction progresses
- Updated project information will be available on the Niagara Region website
- Questions can be directed to the project team
- We welcome your questions and comments throughout the project

Project Contacts

Mike Wilson, A.Sc.T., PMP

Manager Capital Projects

Niagara Region

Michael.wilson@niagararegion.ca

Mark Mascioli, CET, LEL

Manager, Municipal Infrastructure

Associated Engineering Ltd.

masciolim@ae.ca

Questions and Discussion

- Thank you for reviewing
- Please contact the project team with any follow up questions