

Community Workshop Recommendations on Planning Options

Date: March 8, 2011



Presentation Outline

Part 1 – Overview of Issues and Opportunities

Part 2 – Community Design Workshop Directions

Part 3 – Planning and Design Options

You may download the Planning and Design Options and this presentation from our Facebook page.

Search: Lombard North

District Development Plan Goals Guiding Lockport Secondary Plan and Highway Access Management Plan:

1. Promote economic development potential;
2. Mixed use residential and commercial development;
3. Celebrate natural and historic resources;
4. Revitalize as Capital Region visitor destination;
5. Provide input for consideration in future highway Improvements;
6. Incorporate active transportation in Highway design by providing pedestrian and cycling solutions; and
7. Promote sustainable land use and infrastructure development.

Secondary Plan and Overcoming Challenges

- Existing conditions place challenges for the development of Lockport.
- The objective of the Secondary Plan and Highway Access Management Plan are to resolve these challenges.
- How we overcome these challenges will be the focus of this meeting.

Lockport Existing Conditions

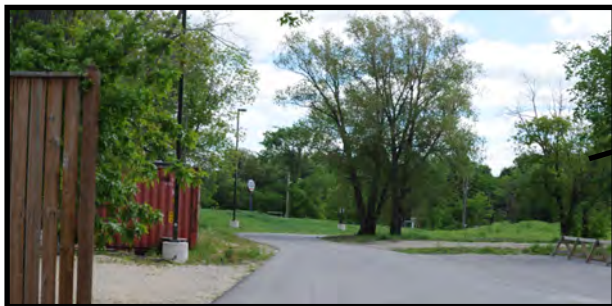
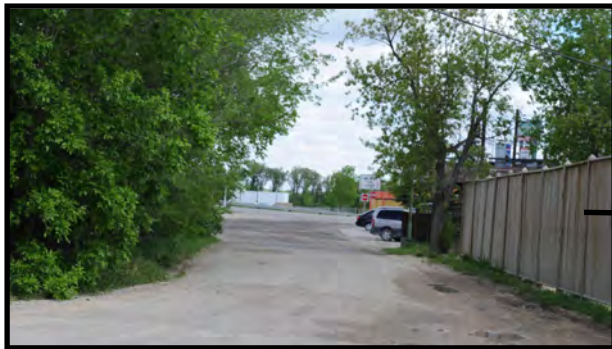
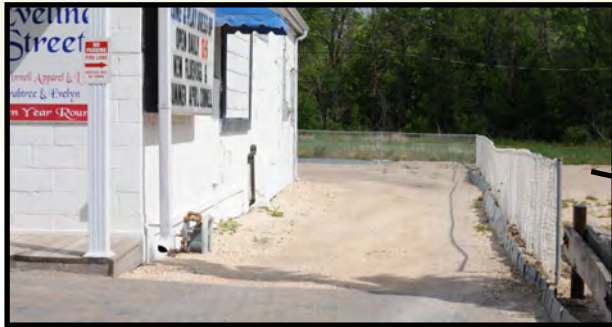
Current Streetscape



- no pedestrian or bike corridors
- not pedestrian friendly
- roadways and parking ill-defined using guard rails or not at all



Lockport Existing Conditions

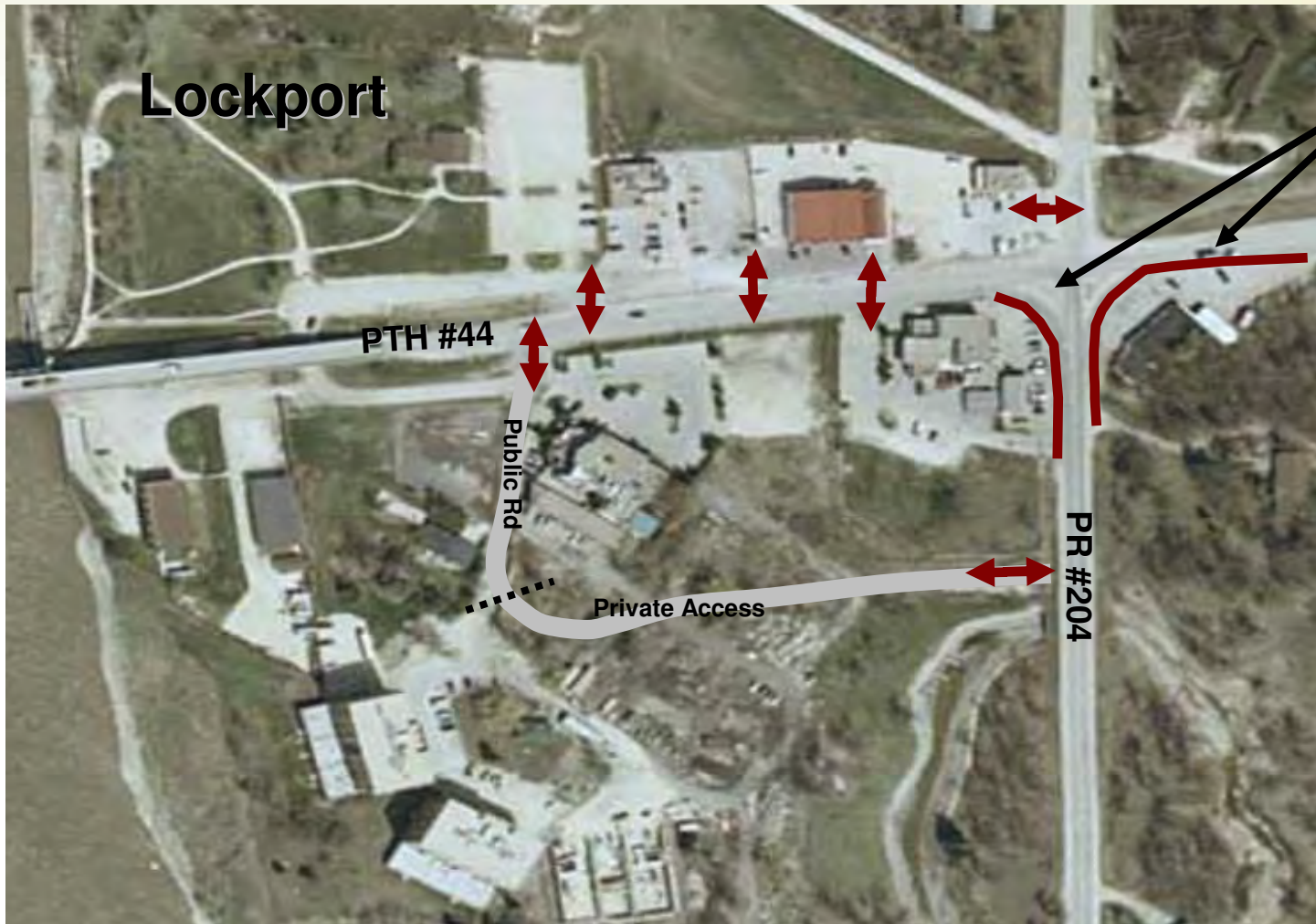


Barriers limit internal site connectivity



Lockport Existing Conditions

Highway Access and Private Approaches



**Unrestricted
vehicle access**

**vehicle access
points**

Land Use Proposals

1. Commercial / Residential Mixed Use District 1:

Commercial 100,000 sf, Multiple Family 110 Units

2. Commercial / Residential Mixed Use District 2:

Add Hotel 60 Rooms and 30 new condo units

3. Commercial / Residential Mixed Use District 3:

Commercial 10,000 sf, Multiple Family Residential 30 units

4. Residential Mixed Use Area:

Single Family Homes 30 units

5. Destination Floodway Attraction District:

60 site RV Park, Boat Launch, Recreation Area and Children's Festival Site

6. Kenosewun, Red River and Gunn's Creek

Preserve natural and cultural heritage value, view corridors and public access to river/ creek banks

Plan Implementation Partners:

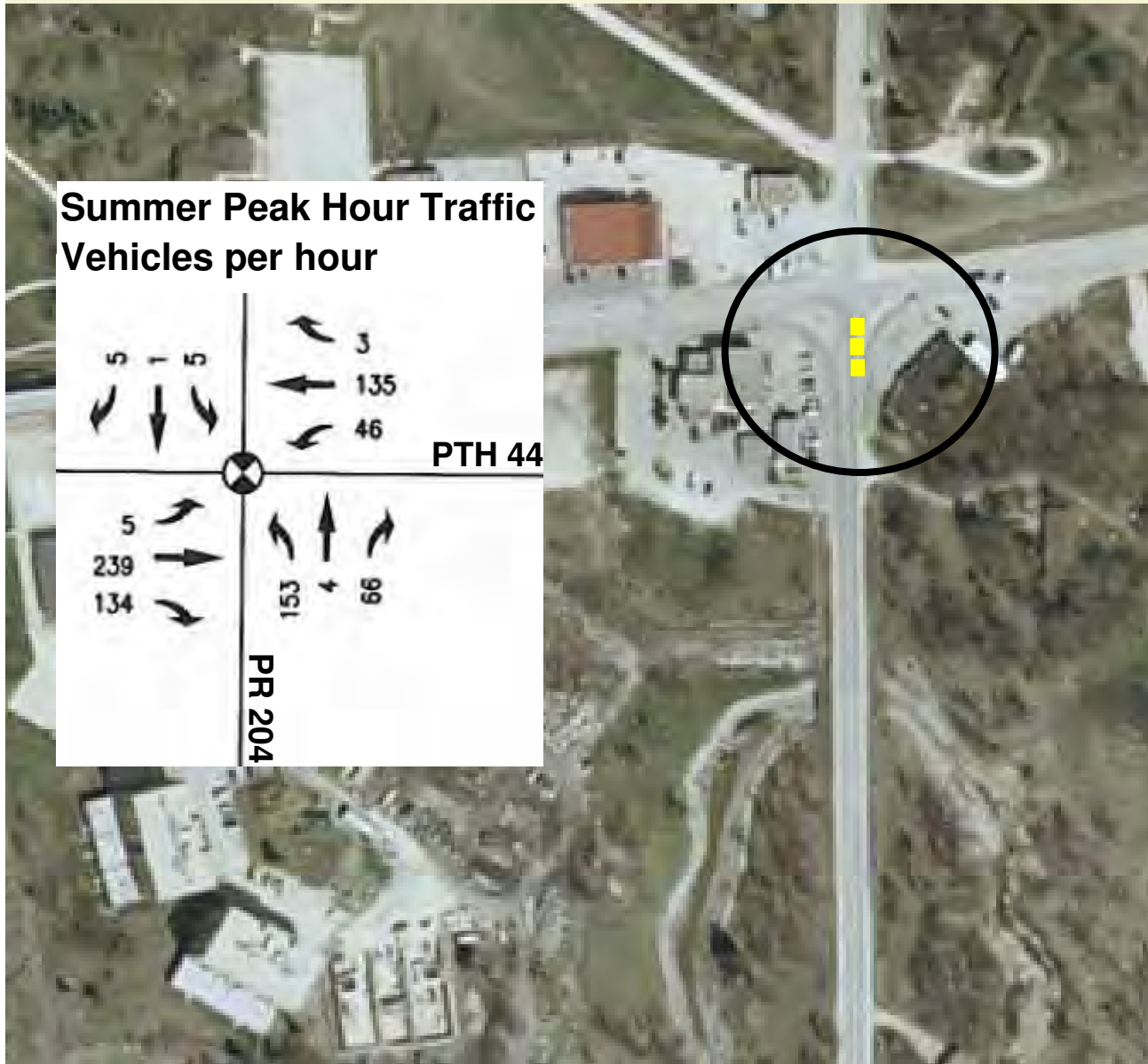
Manitoba Infrastructure and Transportation • Manitoba Conservation • Manitoba Floodway Authority
Manitoba Water Stewardship • Manitoba Agriculture Foods and Rural Initiatives • Manitoba Culture
and Heritage - Manitoba First Nations • Peguis First Nation • Southeast Tribal Council •
Rivers West • North of Red

Lombard North Group



LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Part 1



2010 Av Week Day Traffic Volumes

3 cars stacking (Stop Sign)

9 cars / minute PTH 44

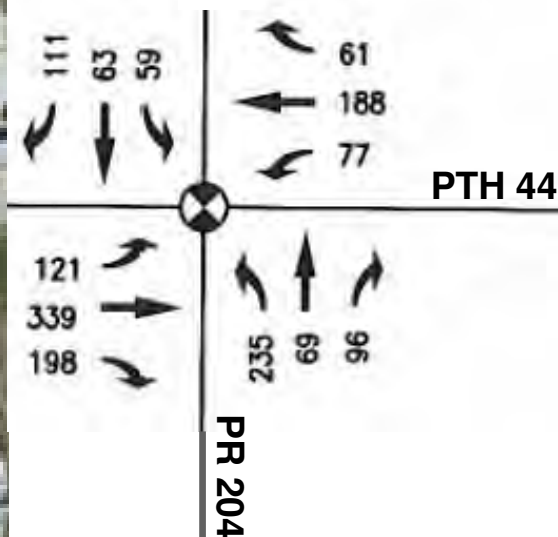
6 cars / minute PR 204



LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Part 1

Summer Peak Hour Traffic Vehicles per hour



2030 Av Week Day Estimated Traffic

36 cars stacking (Stop Sign)

16 cars / minute PTH 44

10 cars / minute PR 204



Part 2 - Community Design Charette Directions

June 23rd, 2010 Community Design Workshop
4 working groups with 64 participants

Design Workshop Focus:

- 1) How do we create a more complete community that meets the needs of residents' who live in Lockport and those who visit the community? = *Mixed Use Development!*
- 2) What provisions should we make in future community development for cyclists, pedestrians, managing vehicle access and parking? = *Creation of Pedestrian Friendly Community!*
- 3) How should we manage local and through traffic flows in the future, maintain stop signs, introduce traffic lights or a roundabout within Lockport? = *Safety and Accessibility!*
- 4) How best can we conserve and incorporate Lockport's natural, waterway and historic assets in the development of the community? = *Celebrate History and Heritage!*
- 5) How can government, business, residents and/or land owners create the kind of community Lockport aspires to become? = *Cooperation!*



LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Community Design Charrette - June 23, 2010

Concept Plans Lockport Secondary Plan and Traffic Management Study

Part 2

"Lockport Experience Perspective"

A vision for Lockport by charette work groups 1 and 2

Preserve the Red River and World Class Fishery



Expand Walkway on St. Andrews Lock and Dam

Maintain the historic character of the bridge while adding pedestrian and cycling access across the Red River to promote community connections to east Lockport.

Signalized Pedestrian Crossing to Increase Accessibility and Safety



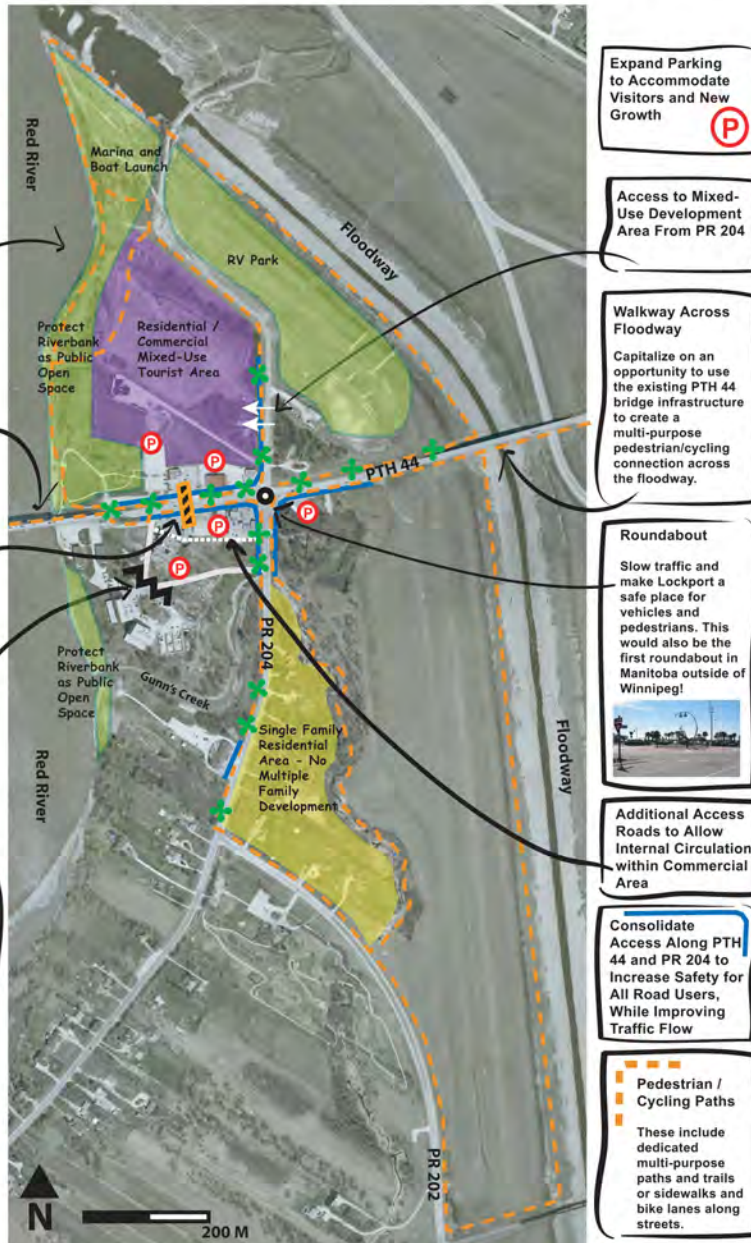
Buffer Between Commercial Area and Condominiums

Patrons of businesses in Lockport and the general public are using the condominiums private access road, which is unsafe for condo residents who propose the closure to vehicle access from Melody Lane.

Make Lockport Beautiful with Streetscape Improvements



Creating beautiful streets and places in Lockport should include: street lighting, street furniture, landscaping and plantings, ground treatments and a signage theme.



Expand Parking to Accommodate Visitors and New Growth



Access to Mixed-Use Development Area From PR 204

Walkway Across Floodway

Capitalize on an opportunity to use the existing PTH 44 bridge infrastructure to create a multi-purpose pedestrian/cycling connection across the floodway.

Roundabout

Slow traffic and make Lockport a safe place for vehicles and pedestrians. This would also be the first roundabout in Manitoba outside of Winnipeg!



Additional Access Roads to Allow Internal Circulation within Commercial Area

Consolidate Access Along PTH 44 and PR 204 to Increase Safety for All Road Users, While Improving Traffic Flow

Pedestrian / Cycling Paths

These include dedicated multi-purpose paths and trails or sidewalks and bike lanes along streets.

Beautiful Streetscaping

Interpretive Signage Program

Improve / Expand Kenosewun Park

Trails – River, Floodway, Gunn's Cr

Develop Boat Launch

Expand Parking Behind Buildings

Improve Road Drainage

Develop Roundabout

Consolidated Access = Safe / Good Flow

Melody L / Condo remain private access

Signalized Pedestrian Crosswalk PTH 44

Bike Paths / Sidewalks 44 and 204

Access development area north of 44 via 204



LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Community Design Charrette - June 23, 2010

Concept Plans Lockport Secondary Plan and Traffic Management Study

Part 2

"Lockport Destination Community"

A vision for Lockport by charrette work groups 3 and 4

Signalized Pedestrian Crossing to Increase Accessibility and Safety



Promote a Connected Community by Linking East and West Lockport across the St. Andrews Lock and Dam

"Locks" Interpretive Centre
Create a museum dedicated to the St. Andrews Lock and Dam and Red River.

Melody Lane and Condo Access Road

Better traffic control at the corner between Melody Lane and the Condo road would increase safety. A well designed internal road system would improve safety and circulation, especially if access and parking are restricted on PTH 44 and PR 204.

Pedestrian/Cycling Bridge

Main Street Design Concept and Guidelines

A coordinated streetscaping program will create an increased sense of place and promote Lockport as a regional destination in Manitoba.



Culverts Insufficient

Lombard North Group
Planners and Landscape Architects



Expand Parking to Accommodate Visitors and New Growth

Roundabout

Slow traffic and make Lockport a safe place for vehicles and pedestrians. This would also be the first roundabout in Manitoba outside of Winnipeg!



Pedestrian / Cycling Paths

These include dedicated multi-purpose paths and trails and sidewalks and bike lanes along streets.

Reconnect Parking Lots

At one time parking lots were interconnected, which provided convenient circulation. Recently parking lots have been separated requiring the use of PTH 44 and PR 204 for vehicle circulation.



No Street Parking on PR 204

Designate Gunn's Creek as a Wildlife Refuge

50 km/h Limit Should Begin Before Entering Lockport

Roundabout Safe and Attractive

Bike Lanes and Sidewalks 44 and 204

Pedestrian Crosswalk PTH 44

Improve Drainage - Gunn's Culverts

Melody Lane to become a public road

Internal Roads = Safe & Better System

Replace on- street parking with expanded off street parking areas

Trail System – Gunn's, River, Floodway

Signage – Wayfinding

Extend Kenosewun Park to Floodway

Public Restroom and Waste Disposal

Gunn's Wildlife Conservation Area

Link Lockport Across Red River

"Main Street" Design Guidelines

Encourage Commercial Development = Key

Lombard North Group



Part 3 - Planning and Design Development Options

Challenges in Lockport

Existing Conditions

1. Traffic / Access
2. Pedestrian Friendly
3. Connectivity
4. Safety
5. Streetscape Amenities absent
6. Development Constraints
7. Disconnected
8. Shared Vision?

Solutions

An improved Lockport for everyone.

1. Cooperation
2. Shared Access and Parking
3. Pedestrian Focus
4. Internal Roads
5. Streetscaping
6. Intersection Control
7. Encourage cooperation among land owners



LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Lockport Land Use Designations

Part 3



Commercial / Residential Mixed Use

Natural Heritage Public Reserve

Single Family

Commercial Recreation



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LANDSCAPE ARCHITECTURE AND PLANNING
305-411 LOMBARD AVE. SUITE 100 LOCKPORT, ONTARIO L3V 1B1
TEL: (905) 947-1000 FAX: (905) 947-1001



LOCKPORT LAND USE DESIGNATIONS

LEGEND
CRAV - COMMERCIAL / RESIDENTIAL MIXED USE POLICY AREA
RA - SUBURBAN RESIDENTIAL POLICY AREA
NHA - NATURAL HERITAGE POLICY AREA
CR - COMMERCIAL RECREATIONAL POLICY AREA

DRAWN: TM SCALE: N.T.S.
APPROVED: DCP DATE: FEB 7 2011
PROJECT NO.

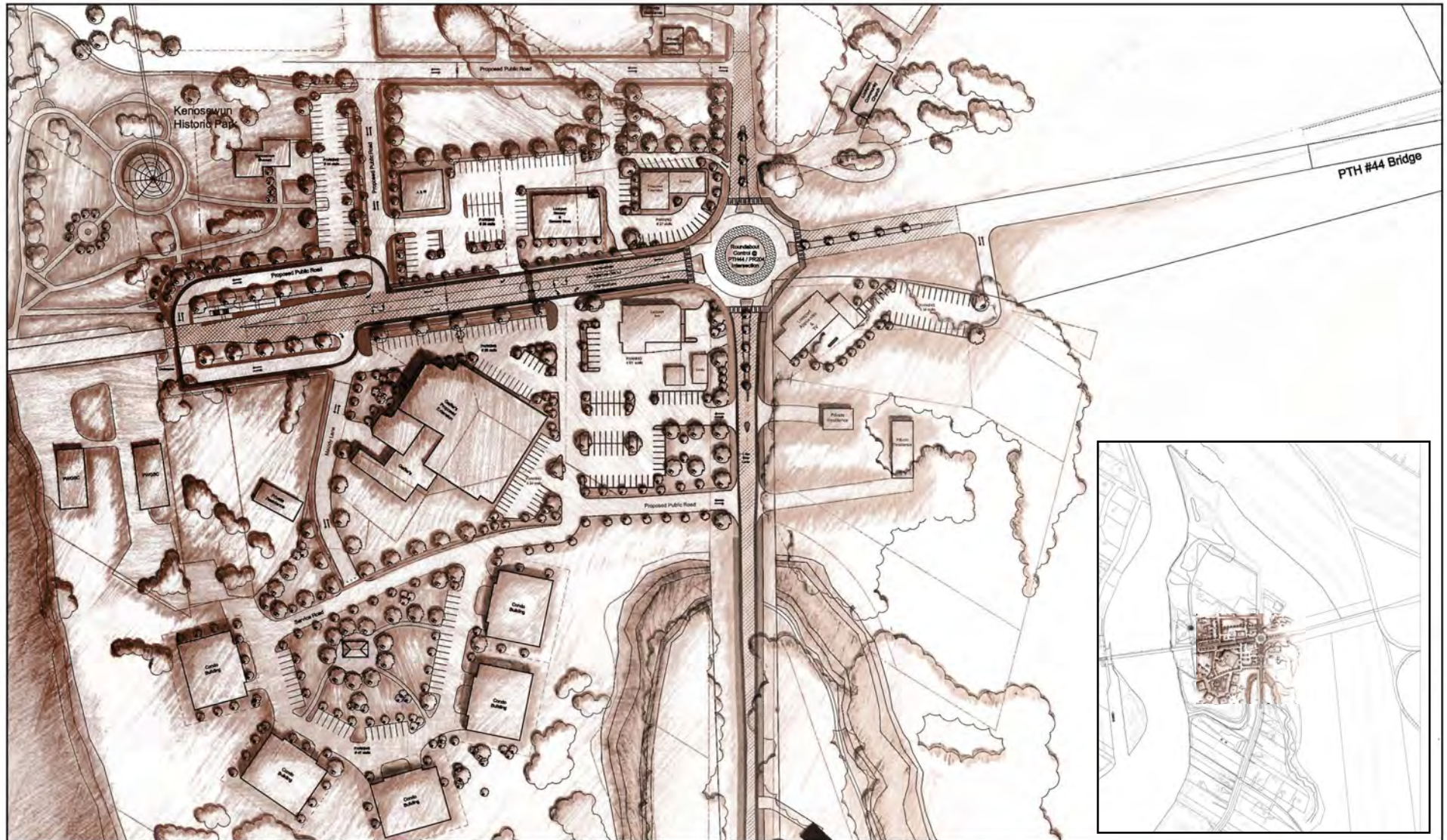
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LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Option #1 PTH 44 / PR 204 Centre Lane Left Turn with Roundabout

Part 3



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Stantec

OPTION #1 PTH 44 / PR 204
CENTRE LANE LEFT TURN WITH ROUNDABOUT

DRAWN TM, WS

APPROVED

PROJECT NO.

SCALE N.T.S.

DATE MAR 08 2011

SEAL



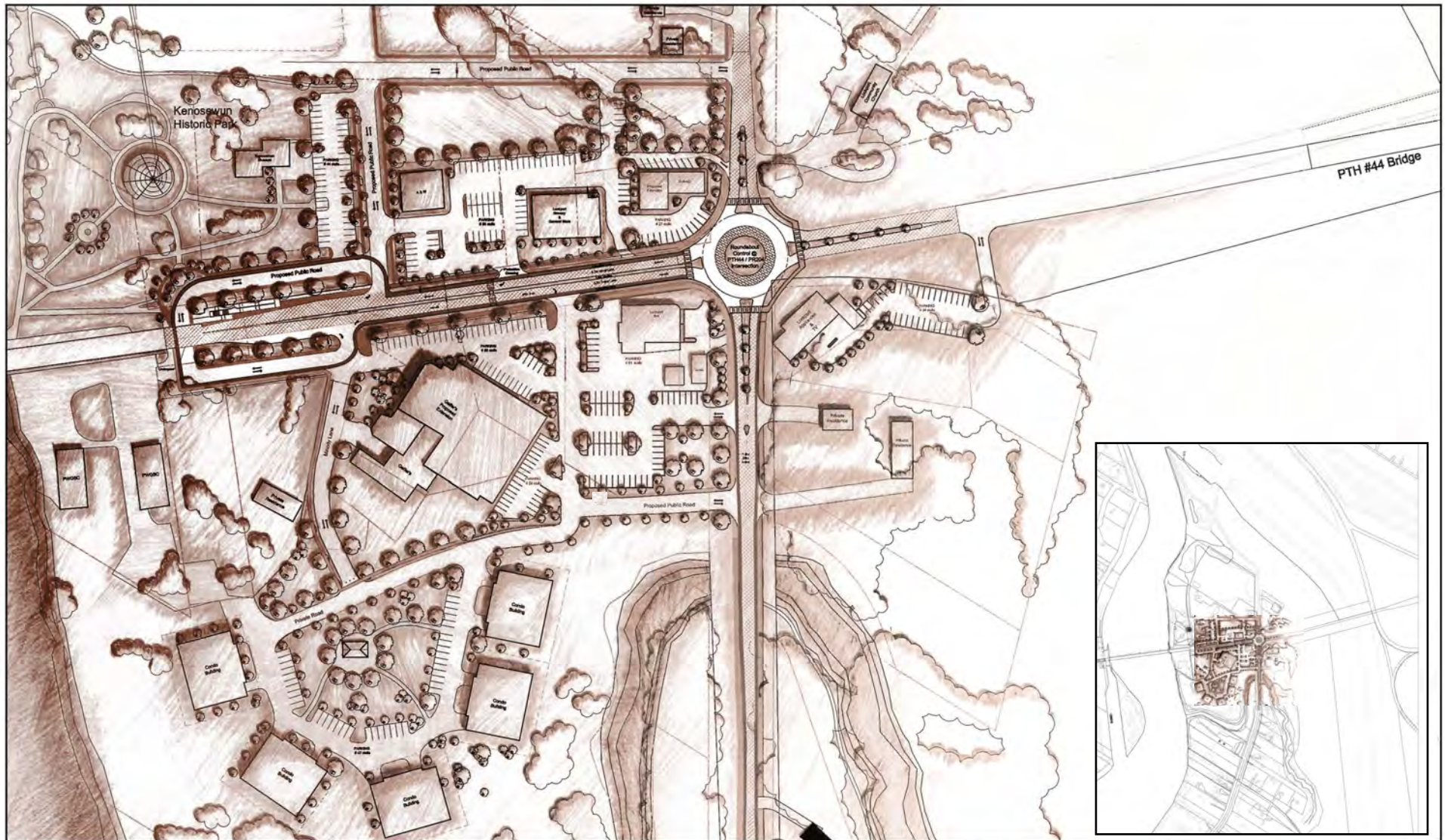
LEGEND

- SIDEWALK
- BIKE LANE
- TRAVEL LANE
- PROPOSED PUBLIC ROAD

LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Option #2 PTH 44 / PR 204 Centre Median with Roundabout

Part 3



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OPTION #2 PTH 44 / PR 204
CENTRE MEDIAN WITH ROUNDABOUT

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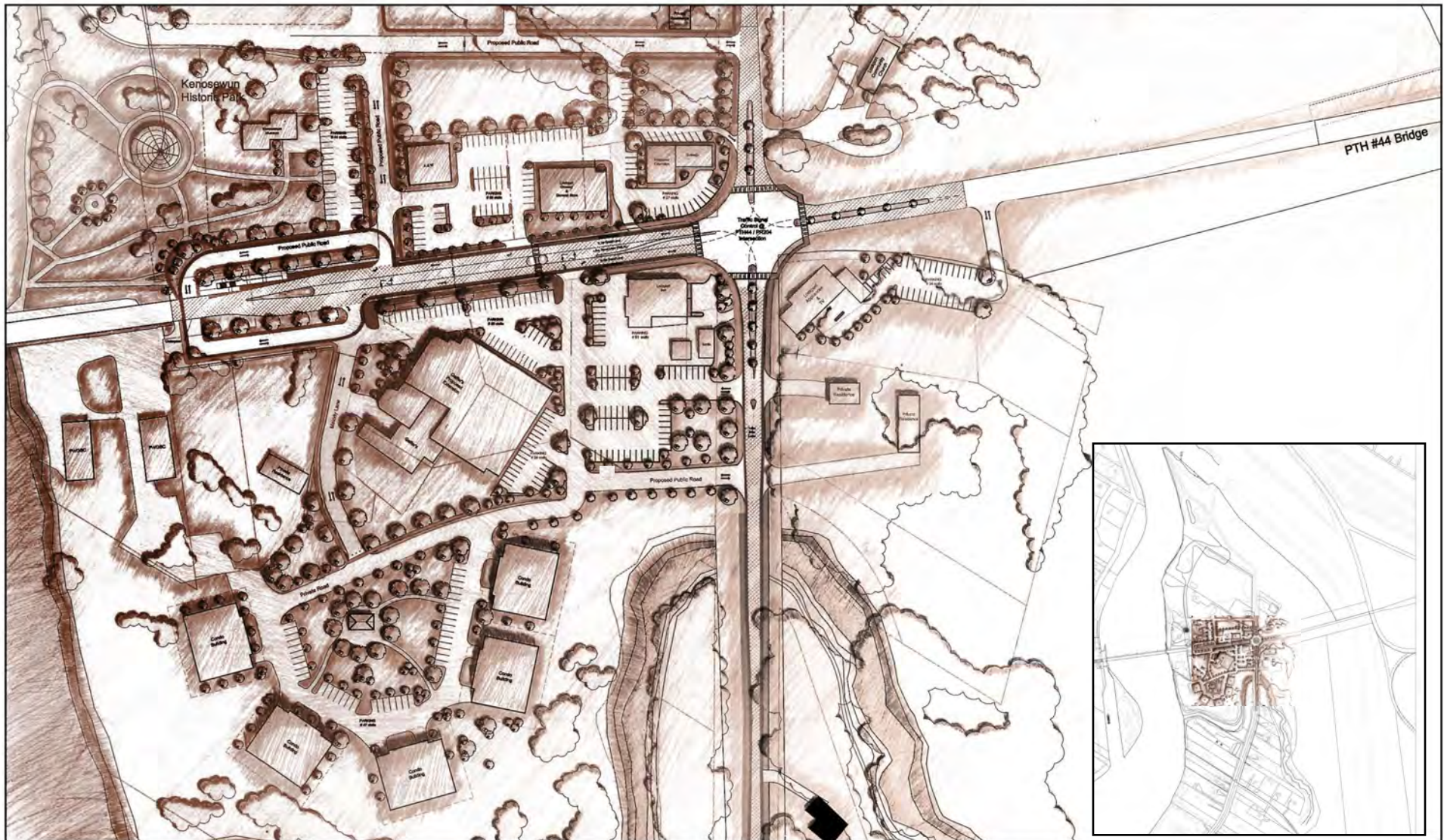
LEGEND

- SIDEWALK
- BIKE LANE
- TRAVEL LANE
- PROPOSED PUBLIC ROAD

LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Option #3 PTH 44 / PR 204 Centre Left Turn Lane with Traffic Signal

Part 3



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OPTION #3 PTH 44 / PR 204
CENTRE LEFT TURN LANE WITH TRAFFIC SIGNAL

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DATE MAR 08 2011

SEAL



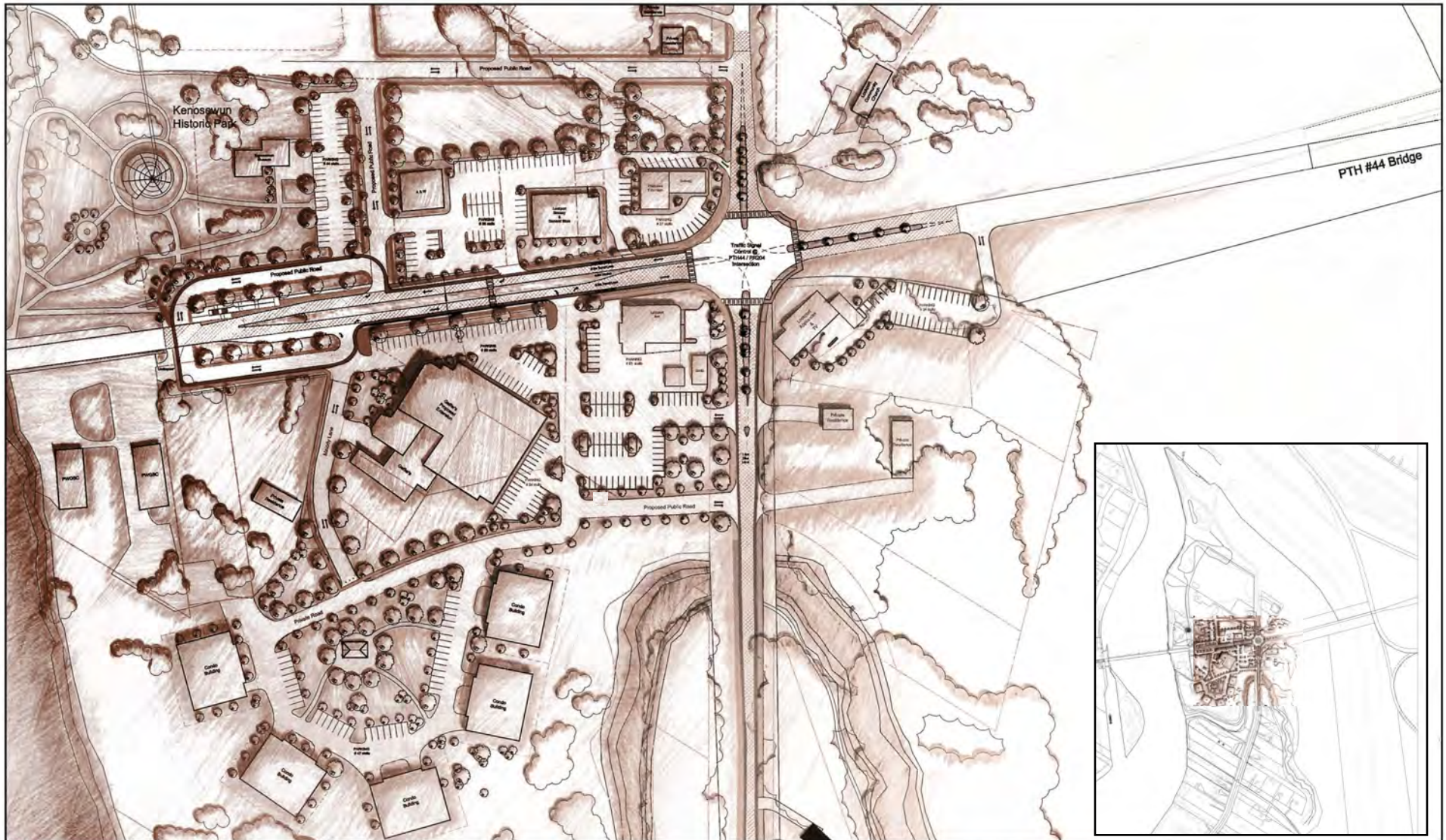
LEGEND

- SIDEWALK
- BIKE LANE
- TRAVEL LANE
- PROPOSED PUBLIC ROAD

LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Option #4 PTH 44 / PR 204 Centre median with Traffic Signal

Part 3



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OPTION #4 PTH 44 / PR 204
CENTRE MEDIAN WITH TRAFFIC SIGNAL

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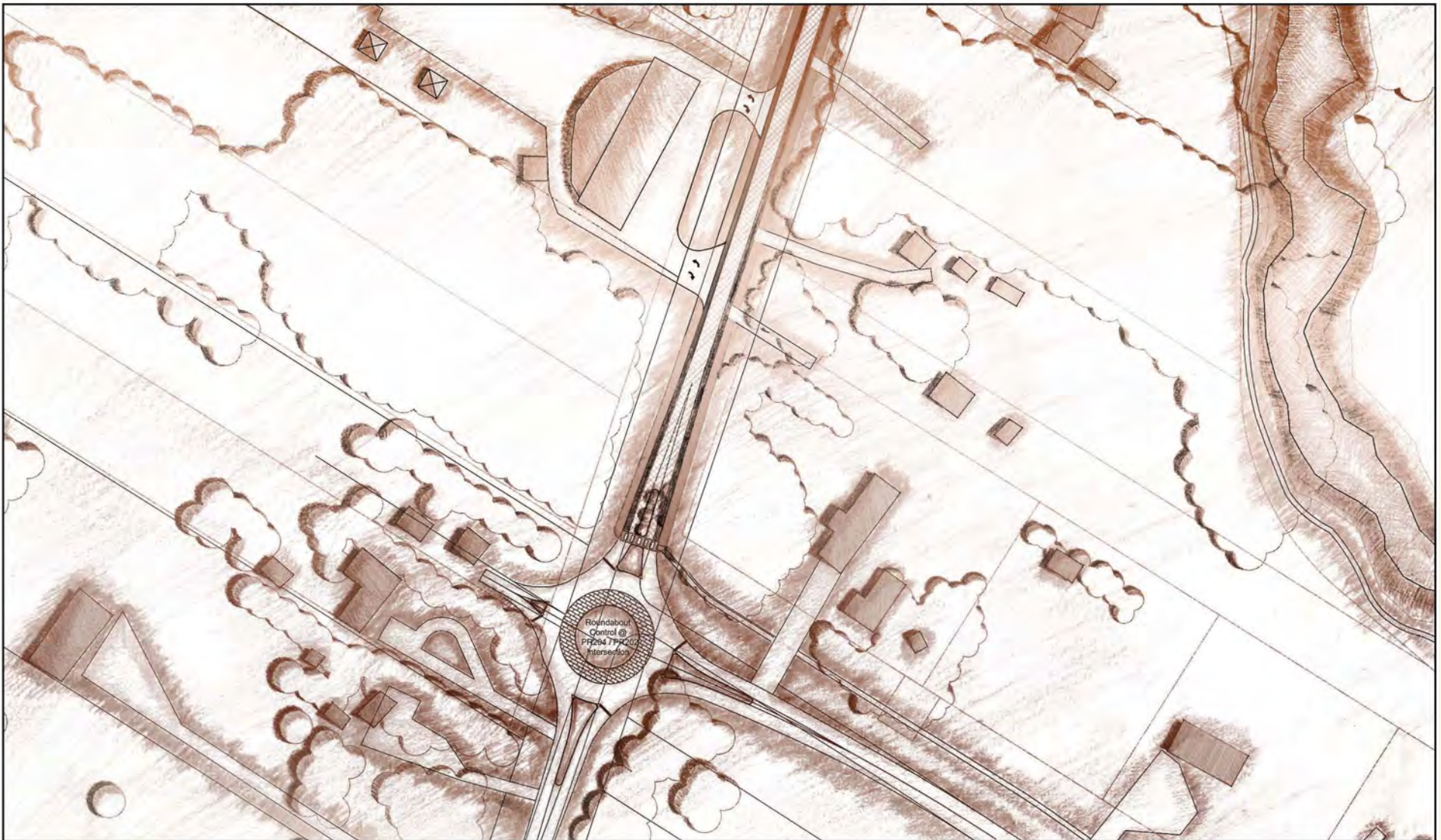
LEGEND

- SIDEWALK
- BIKE LANE
- TRAVEL LANE
- PROPOSED PUBLIC ROAD

LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Option #1 PR 204 / PR 202 Round About

Part 3



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OPTION #1 PR 204 / PR 202 ROUNDABOUT

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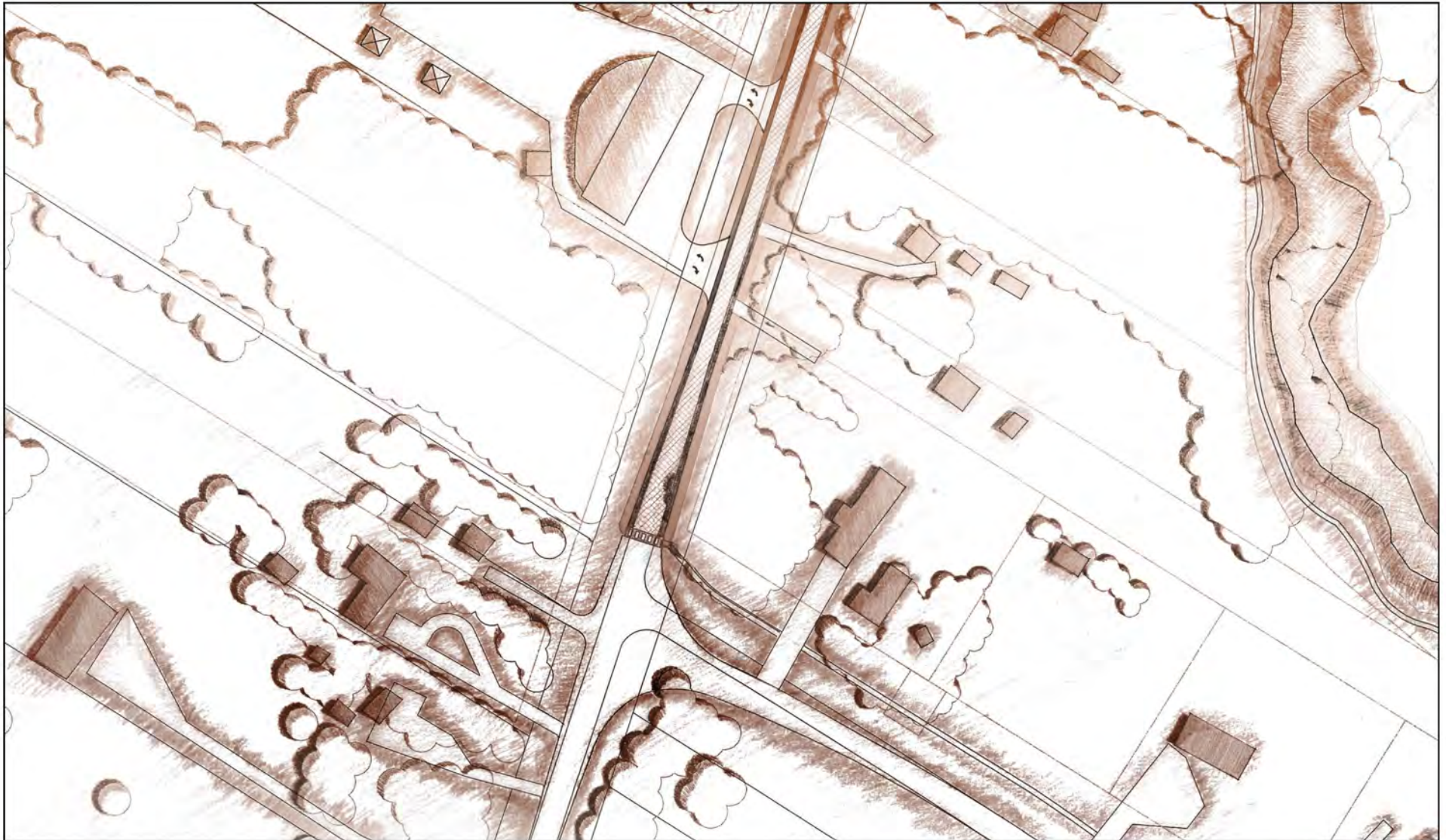
LEGEND

-  SIDEWALK
-  BIKE LANE
-  TRAVEL LANE
-  PROPOSED PUBLIC ROAD

LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Option #2 PR 204 / PR 202 Maintain Current Stop Sign

Part 3



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OPTION #2 PR 204 / PR 202
STOP SIGN

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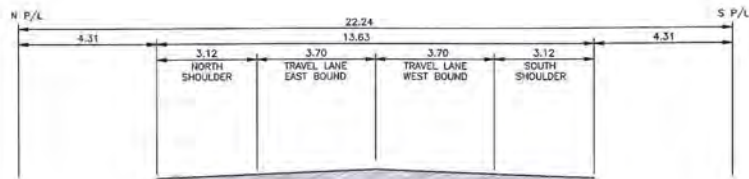


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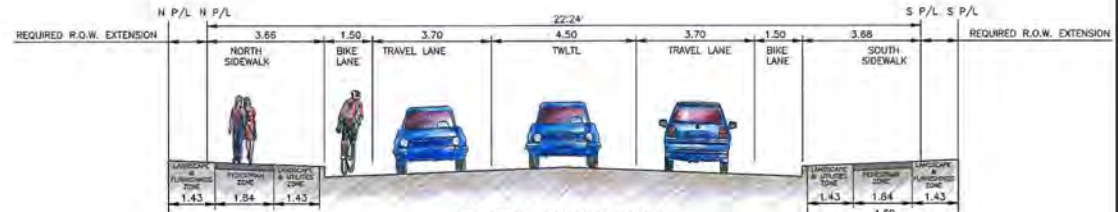
- SIDEWALK
- BIKE LANE
- TRAVEL LANE
- PROPOSED PUBLIC ROAD

LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

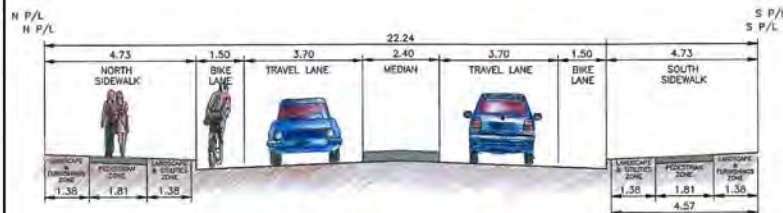
Part 3



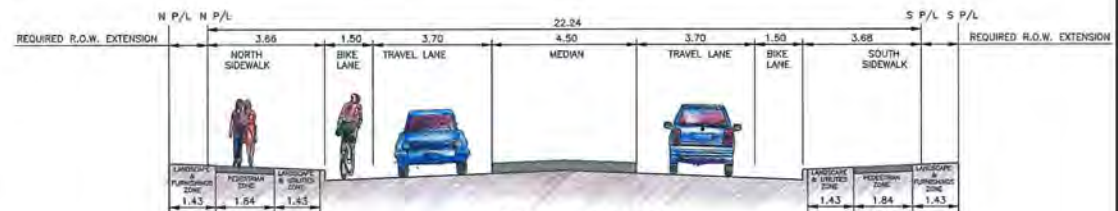
EXISTING CONDITIONS



CENTRE LEFT TURN LANE
(OPTION 1 & 3)



CENTRE MEDIAN 2.4M
(OPTION 2 & 4)



CENTRE MEDIAN 4.5M
(OPTION 2 & 4)



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LOCKPORT SECONDARY PLAN AND HIGHWAY ACCESS
AND UP-GRADING PLAN

DRAWING

S1
SECTION

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DATE FEB 8 2011

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LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Part 3



Intersection PTH 44 / PR 204 Property Lines



LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Part 3



Intersection PTH 44 / PR 204 Property Lines



Summary of Land Owner Response

1. **Business Owners open to discussing shared parking and access. Want to know how agreements are structured.**
2. **Business Owners believe if their current access and on street parking is removed government must fund replacement access and parking.**
3. **Condo Owners wish to maintain access driveway to PR204 as a private access and not have commercial parking lot connections to it.**
4. **Business and Condo Owners favour installation of roundabouts at the intersections of PTH 44 with PR 204 and PR 204 with PR 202.**
5. **Business and Condo Owners support a mid block pedestrian crosswalk on PTH 44 and an interconnected path system linking the community to Kenosuwun Park and the Floodway trails.**
6. **Business and Condo Owners seek to create a more pedestrian and cycle friendly highway design.**



LOCKPORT SECONDARY / HIGHWAY ACCESS MANAGEMENT PLANS

Lockport
Today



Lockport
Vision



Lombard North Group

