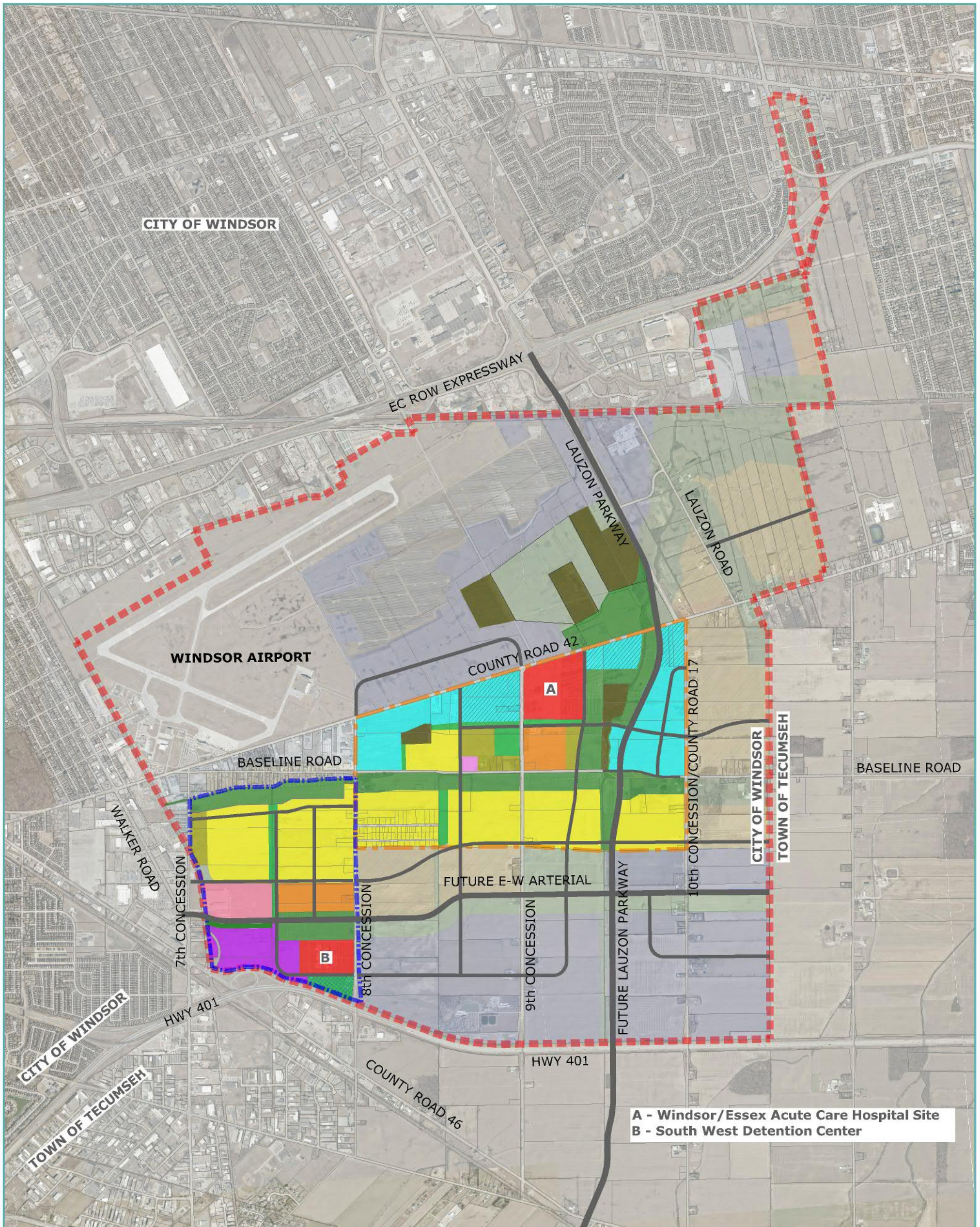


# Appendix Figures





**A - Windsor/Essex Acute Care Hospital Site**  
**B - South West Detention Center**



**SANDWICH SOUTH  
 MASTER SERVICING PLAN**

**LEGEND**

- Sandwich South Project Boundary
- County Road 42 Secondary Plan Area
- East Pelton Secondary Plan Area
- Low Density Residential
- Medium Density Residential
- Business Park Type I
- Business Park Type II
- Major Institutional
- Existing Employment
- Existing Residential
- Private Recreation
- Minor Institutional
- Mixed Use
- Natural Heritage
- Neighbourhood Commercial
- Open Space/Park
- Commercial Centre
- SWM Corridor
- Airport Solar Farm
- Future Employment
- Future Urban
- Proposed Collector/ Arterial Roads

**STUDY AREA MAP  
 PROPOSED LAND USE**

FIGURE A1-0

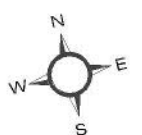


MAP DRAWING INFORMATION:  
 DATA PROVIDED BY CITY OF WINDSOR 2019, MNRF 2019, TOWN OF  
 TECUMSEH 2019, \*ESSEX REGION CONSERVATION AUTHORITY 2019,  
 \*\*COUNTY OF ESSEX 2019

MAP CREATED BY: RBH  
 MAP CHECKED BY: LMH  
 MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N

\*DEM - CGVD28:78 DEM SURFACE DERIVED BY ERCA BASED ON MNRF LIDAR - DIGITAL TERRAIN  
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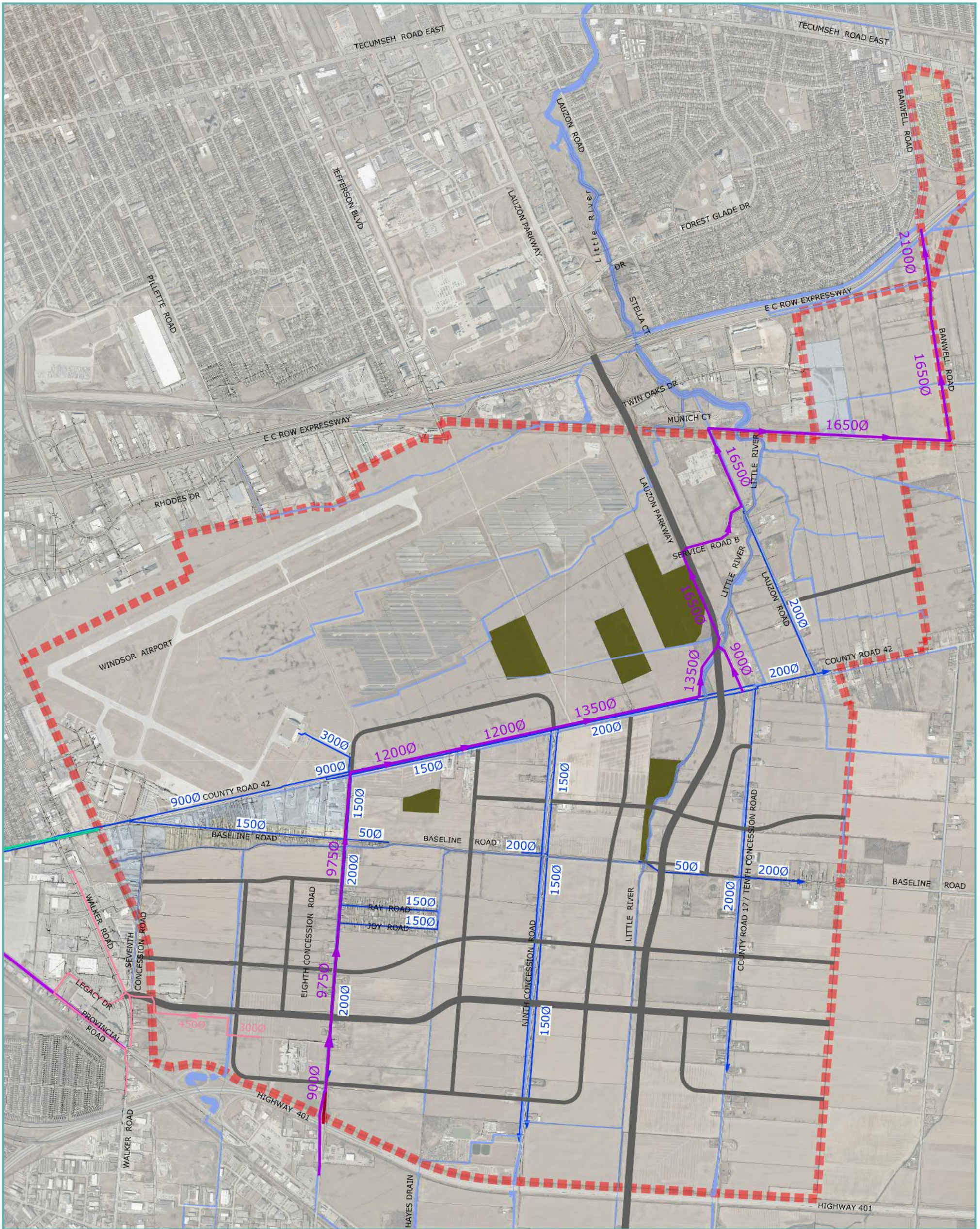
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SCALE: 1:15000  
 STATUS: FINAL  
 PROJECT: 19-9817

DATE: May 03, 2023





**SANDWICH SOUTH MASTER SERVICING PLAN**

- - - - - STUDY AREA
- EXISTING SANITARY TRUNK SEWERS
- EXISTING SANITARY TRUNK SEWERS (LOU ROMANO)
- EXISTING WATERMAIN
- EXISTING MUNICIPAL DRAINS
- NATURAL HERITAGE AREA

**EXISTING CONDITIONS FIGURES**

FIGURE A2-0



MAP DRAWING INFORMATION:  
 DATA PROVIDED BY CITY OF WINDSOR 2019, MNR 2019, TOWN OF TECUMSEH 2019, \*ESSEX REGION CONSERVATION AUTHORITY 2019, \*\*COUNTY OF ESSEX 2019  
 MAP CREATED BY: RBH  
 MAP CHECKED BY: LMH  
 MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N

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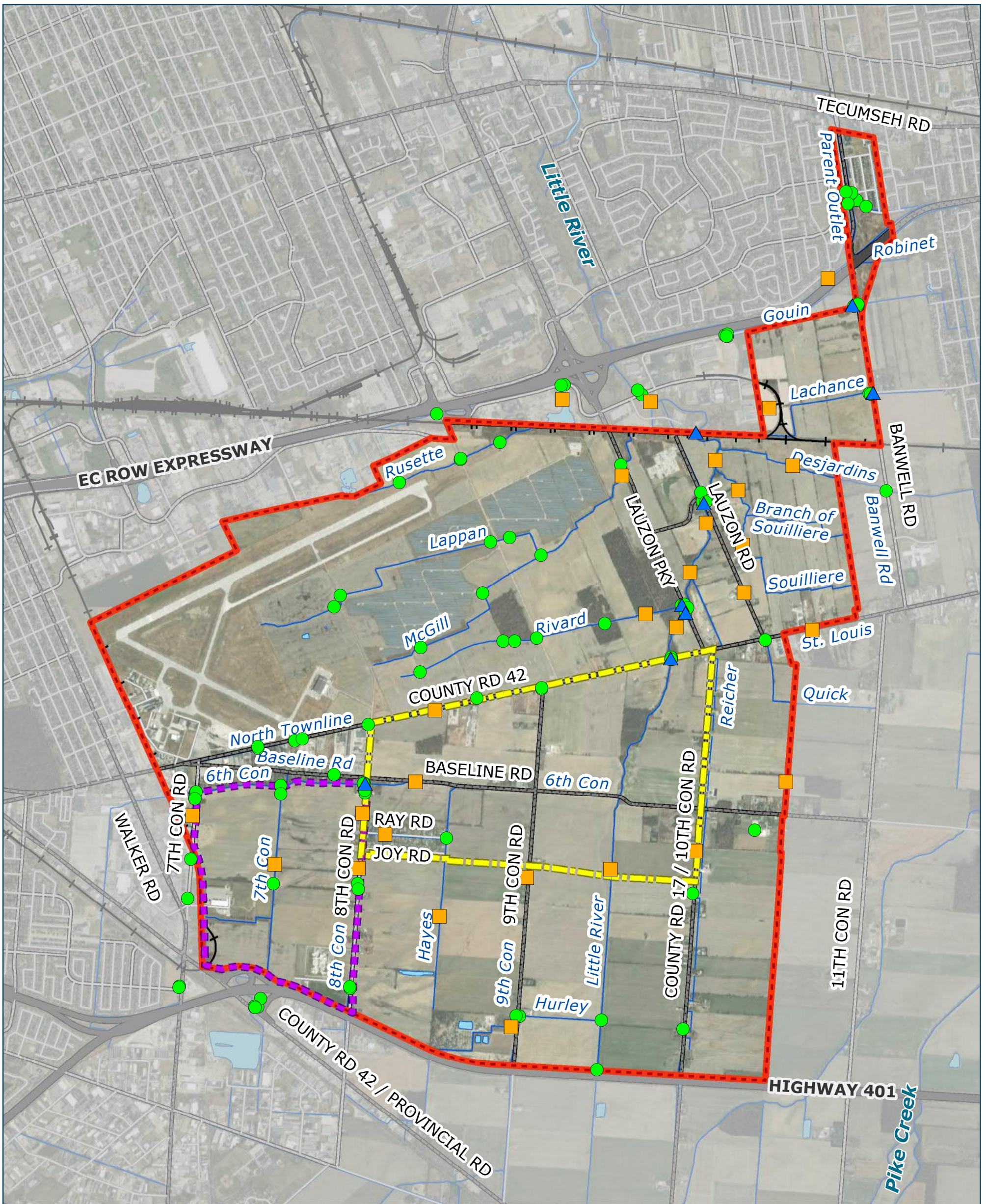
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 STATUS: FINAL  
 PROJECT: 19-9817

DATE: April 26, 2023





SANDWICH SOUTH  
MASTER SERVICING PLAN

**SANDWICH SOUTH  
AQUATIC SURVEY  
LOCATIONS WITHIN  
THE STUDY AREA**

FIGURE A4-1

- Sandwich South Study Area
- County Road 42 Secondary Plan Area
- East Pelton Secondary Plan Area
- Expressway / Highway
- Arterial Road
- Collector Road
- Local / Other Road
- Railway

- Municipal Drain / Watercourse
- Waterbody
- Hayes Drain Name

**Aquatic Assessment Station**

- Waldron, 2009
- Ecoplans, 2011
- Dillon, 2019 and 2020



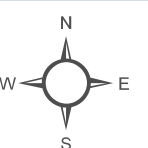
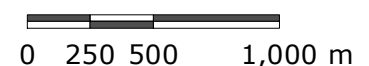
MAP DRAWING INFORMATION:  
DATA PROVIDED BY CITY OF WINDSOR 2019, MNR 2019, TOWN OF  
TECUMSEH 2019, \*ESSEX REGION CONSERVATION AUTHORITY 2019,  
\*\*COUNTY OF ESSEX 2019

MAP CREATED BY: ZJB /LK  
MAP CHECKED BY: KM  
MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N

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THE CORPORATION OF THE COUNTY OF ESSEX

SCALE 1:30,000

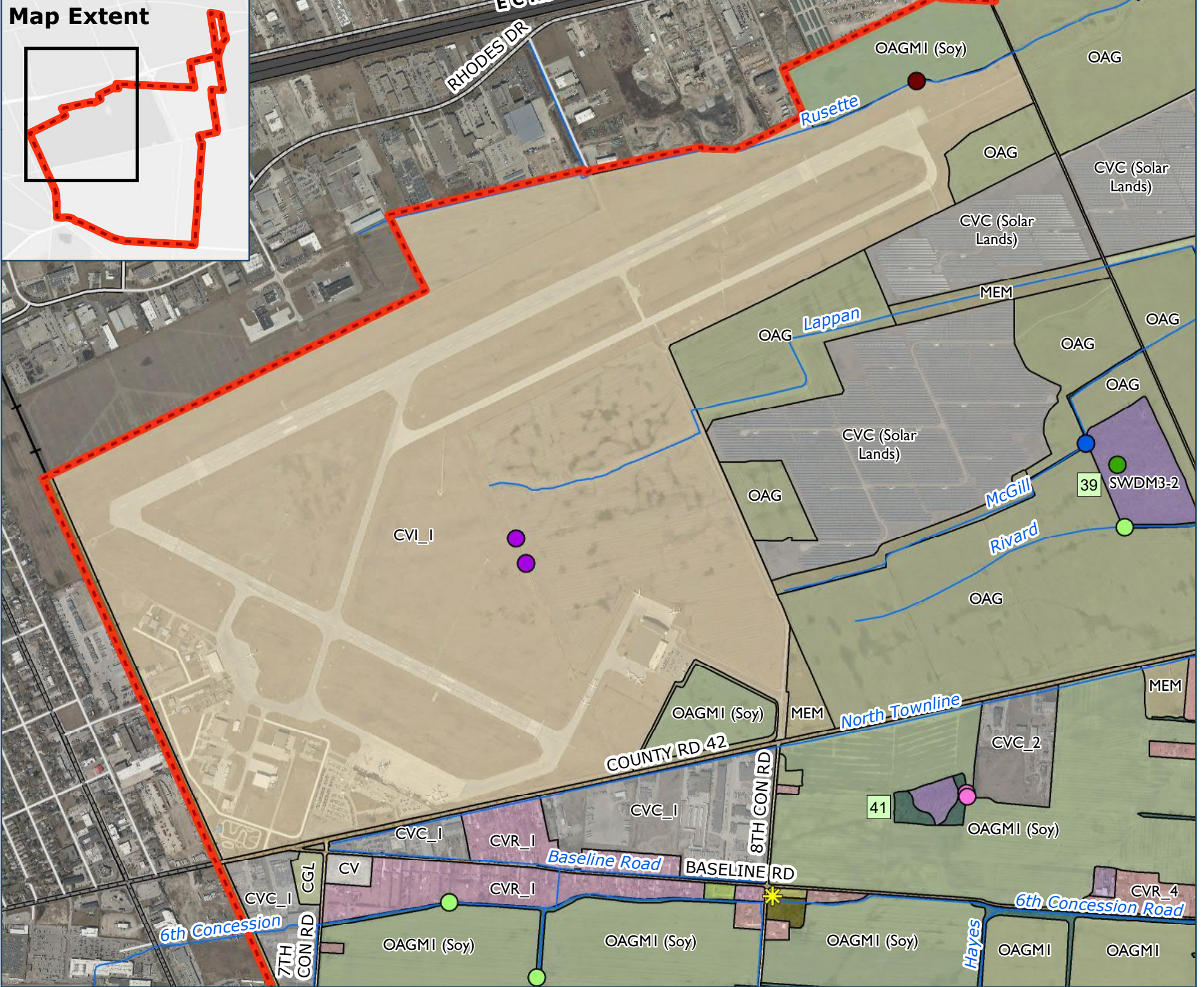
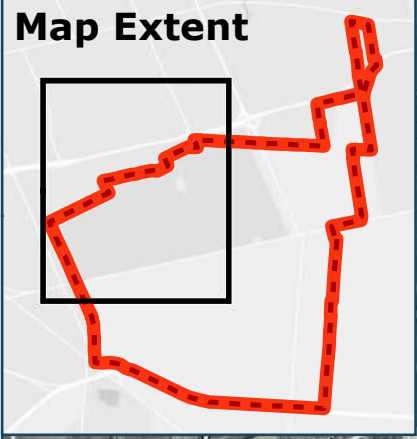


STATUS: FINAL  
PROJECT: 19-9817

DATE: 2022-03-29



Ecological Land Classification					
	CGL: Greenlands		CVI_1: Transportation (Road)		OAG: Open Agriculture
	CGL: Greenlands (Cemetery)		CVI_4: Transportation and Utilities (Power Generation)		OAGM1: Annual Row Crop
	CV: Constructed		CVR_1: Low Density Residential		OAGM1: Annual Row Crop (Soy)
	CVC: Commercial and Institutional		CVR_4: Rural Property		SA: Shallow Aquatic
	CVC: Commercial and Institutional (Solar Lands)		FODM7: Fresh-Moist Lowland Deciduous Forest		SWDM3-2: Silver Maple Mineral Deciduous Swamp
	CVC_1: Business Sector		IAGM1: Agricultural Building		TAGM5: Hedgerow
	CVC_2: Light Industry		MEM: Mixed Meadow		WODM4-4: Dry-Fresh Black Walnut Deciduous Forest
	CVI_1: Transportation (Railway)		MEMM3: Dry-Fresh Mixed Meadow		



	Sandwich South Study Area		City of Windsor Candidate Natural Heritage Site		Dillon 2017 Climbing Prairie Rose (SC)
	Expressway / Highway	<b>Species at Risk</b>			Dillon 2019 and 2020 Climbing Prairie Rose (SC)
	Arterial Road	Dillon 2017			Crayfish Burrow
	Collector Road		Eastern Meadowlark (THR)		Eastern Wood-Pewee (SC)
	Local / Other Road	<b>Species of Conservation Concern</b>			Giant Ironweed(S1)
	Railway	Waldron 2009			Monarch (SC)
	Municipal Drain / Watercourse		Snapping Turtle (SC)		
	Hayes Drain Name				

**BIOPHYSICAL INVENTORY RESULTS**

FIGURE A4-2A

THE CITY OF WINDSOR  
ONTARIO, CANADA

DILLON CONSULTING

MAP DRAWING INFORMATION:  
DATA PROVIDED BY CITY OF WINDSOR 2019, MNR 2019, TOWN OF TECUMSEH 2019, \*ESSEX REGION CONSERVATION AUTHORITY 2019, \*\*COUNTY OF ESSEX 2019

MAP CREATED BY: CV  
MAP CHECKED BY: LK  
MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N

\*DEM - CGVD28:78 DEM SURFACE DERIVED BY ERCA BASED ON MNR LIDAR - DIGITAL TERRAIN MODEL (2016-18). COPYRIGHT ERCA, 2019. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO.  
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SCALE 1:14,000

0 125 250 500 m

STATUS: FINAL  
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DATE: 2022-03-29



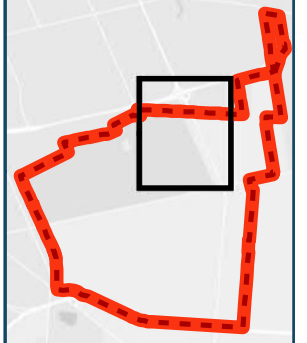
**Ecological Land Classification**

- CGL: Greenlands
- CVC: Commercial and Institutional
- CVC: Commercial and Institutional (Solar Lands)
- CVC\_1: Business Sector
- CVI\_1: Transportation (Railway)
- CVI\_1: Transportation (Road)

- CVI\_4: Transportation and Utilities (Power Generation)
- CVR\_4: Rural Property
- IAGM1: Agricultural Building
- MEM: Mixed Meadow
- OAG: Open Agriculture
- OAGM1: Annual Row Crop
- OAGM1: Annual Row Crop (Corn)
- OAGM1: Annual Row Crop (Soy)
- SA: Shallow Aquatic

- SWDM2-2: Green Ash Mineral Deciduous Swamp
- SWDM3-2: Silver Maple Mineral Deciduous Swamp
- SWTM2-3: Gray Dogwood Mineral Deciduous Thicket Swamp
- SWTM5: Mineral Deciduous Thicket Swamp
- TAGM5: Hedgerow
- WOD: Deciduous Woodland

**Map Extent**



SANDWICH SOUTH MASTER SERVICING PLAN

- Sandwich South Study Area
- Expressway / Highway
- Arterial Road
- Collector Road
- Local / Other Road
- Railway
- Municipal Drain / Watercourse
- Hayes* Drain Name

- City of Windsor Candidate Natural Heritage Site
- Species of Conservation Concern**
- Dillon 2019 and 2020
- Crayfish Burrow
- Eastern Stiff-leaved Goldenrod (S3)
- Eastern Wood-Pewee (SC)
- Giant Ironweed (S1)

- Honey Locust (S2)
- Monarch (SC)
- Shellbark Hickory (S3)
- Species at Risk**
- Waldron 2009
- Butler's Gartersnake (END)
- Dillon 2019 and 2020
- Chimney Swift (THR)
- Willowleaf Aster (THR)

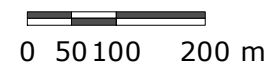
**BIOPHYSICAL INVENTORY RESULTS**

FIGURE A4-2B



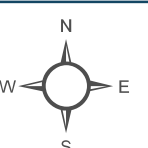
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 MAP CREATED BY: CV  
 MAP CHECKED BY: LK  
 MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N  
 \*DEM - CGVD28:78 DEM SURFACE DERIVED BY ERCA BASED ON MNR LIDAR - DIGITAL TERRAIN MODEL (2016-18). COPYRIGHT ERCA, 2019. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO. (WWW.ONTARIO.CA/PAGE/OPEN-GOVERNMENT-LICENCE-ONTARIO)  
 \*\*2019 IMAGERY - THE DIGITAL MAP LAYERS HAVE BEEN USED WITH THE EXPRESS PERMISSION OF THE CORPORATION OF THE COUNTY OF ESSEX

SCALE 1:8,500



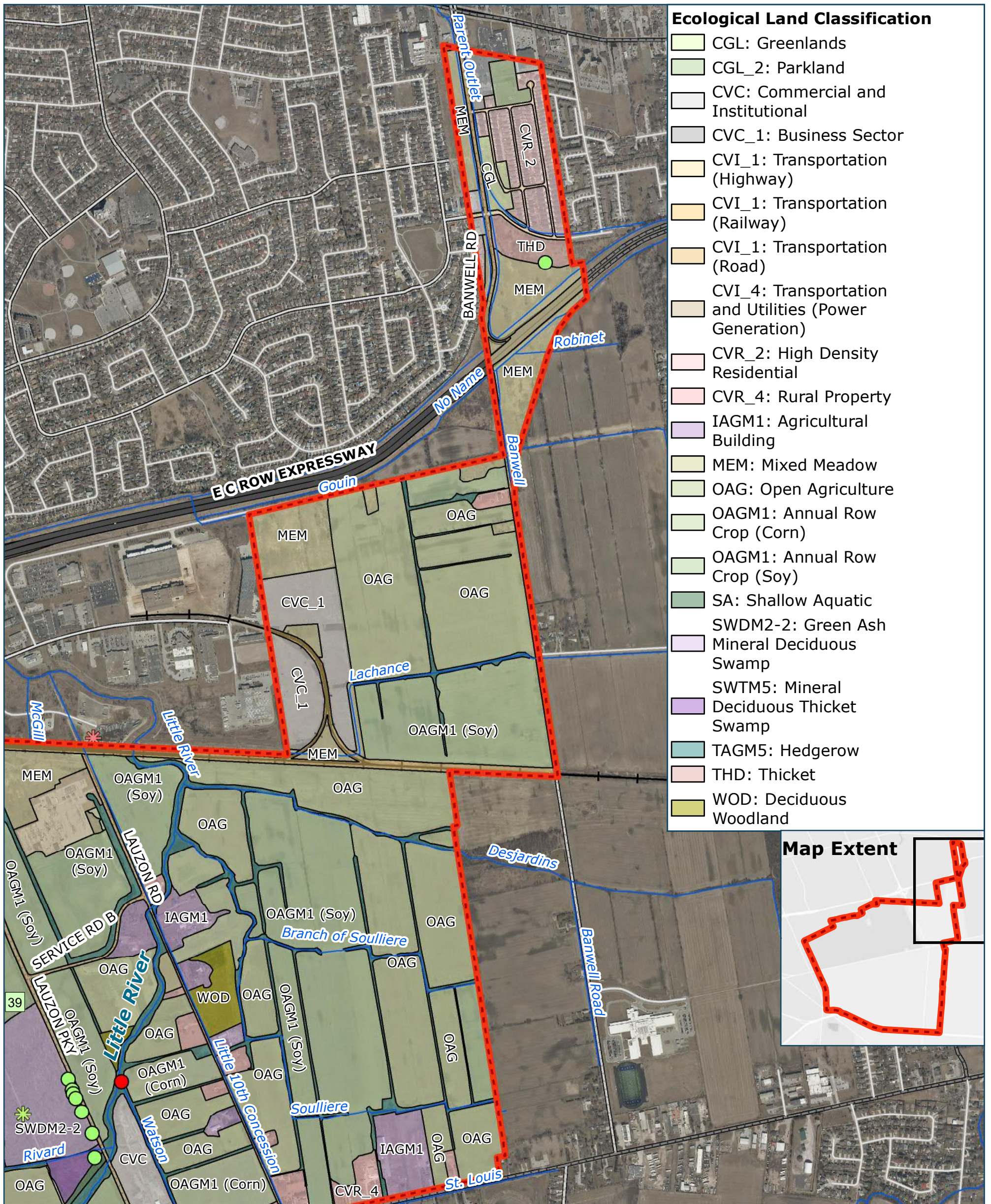
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PROJECT: 19-9817



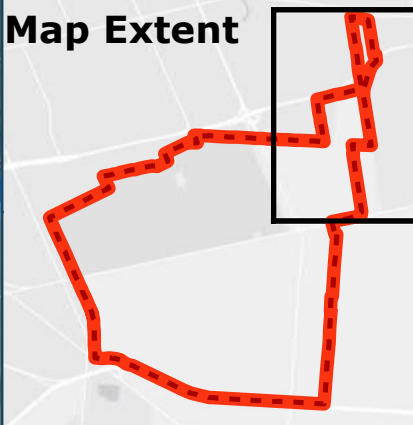
DATE: 2022-03-29






**Ecological Land Classification**

- CGL: Greenlands
- CGL\_2: Parkland
- CVC: Commercial and Institutional
- CVC\_1: Business Sector
- CVI\_1: Transportation (Highway)
- CVI\_1: Transportation (Railway)
- CVI\_1: Transportation (Road)
- CVI\_4: Transportation and Utilities (Power Generation)
- CVR\_2: High Density Residential
- CVR\_4: Rural Property
- IAGM1: Agricultural Building
- MEM: Mixed Meadow
- OAG: Open Agriculture
- OAGM1: Annual Row Crop (Corn)
- OAGM1: Annual Row Crop (Soy)
- SA: Shallow Aquatic
- SWDM2-2: Green Ash
- Mineral Deciduous Swamp
- SWTM5: Mineral Deciduous Thicket Swamp
- TAGM5: Hedgerow
- THD: Thicket
- WOD: Deciduous Woodland






**SANDWICH SOUTH  
MASTER SERVICING PLAN**

**BIOPHYSICAL  
INVENTORY  
RESULTS**

FIGURE A4-2C

- Sandwich South Study Area
- Expressway / Highway
- Arterial
- Collector
- Local / Other
- Railway
- Municipal Drain / Watercourse

- Species of Conservation Concern**
- Giant Ironweed (S1)
  - Honey Locust (S2)
- Species at Risk**
- City of Windsor Candidate Natural Heritage Site
  - Butler's Gartersnake (END)
  - Dillon 2019 and 2020
  - Chimney Swift (THR)




THE CITY OF WINDSOR  
ONTARIO, CANADA

MAP DRAWING INFORMATION:  
DATA PROVIDED BY CITY OF WINDSOR 2019, MNR 2019, TOWN OF TECUMSEH 2019, \*ESSEX REGION CONSERVATION AUTHORITY 2019,  
\*\*COUNTY OF ESSEX 2019

MAP CREATED BY: CV  
MAP CHECKED BY: LK  
MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N

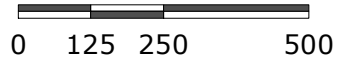
\*DEM - CGVD28:78 DEM SURFACE DERIVED BY ERCA BASED ON MNR LIDAR - DIGITAL TERRAIN MODEL (2016-18). COPYRIGHT ERCA, 2019. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO.  
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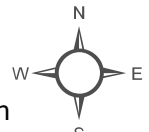


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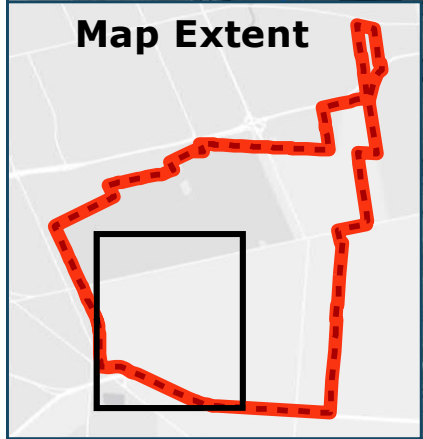
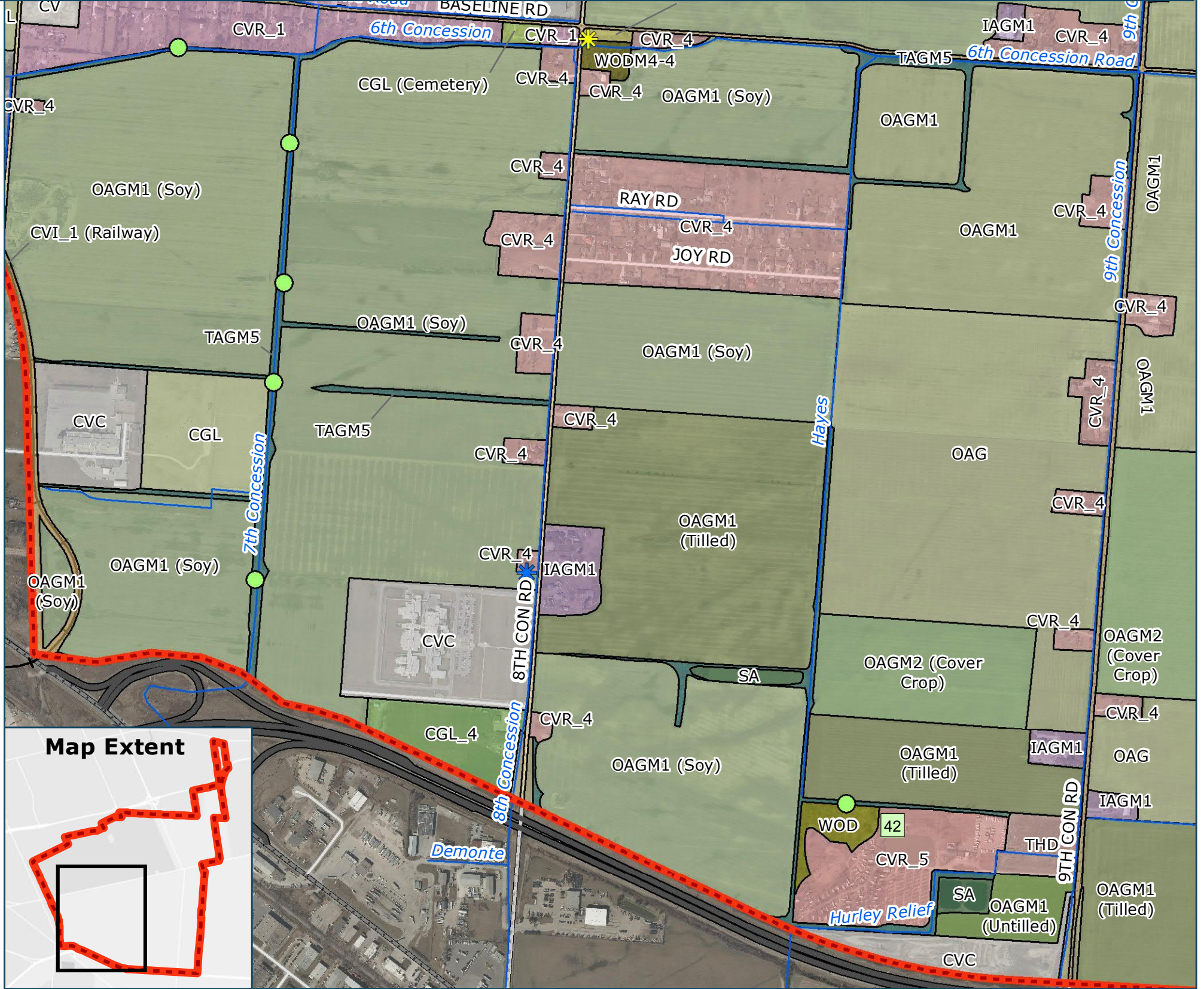


STATUS: FINAL  
PROJECT: 19-9817      DATE: 2022-03-29



**Ecological Land Classification**

- CGL: Greenlands
- CGL: Greenlands (Cemetery)
- CGL\_4: Recreational
- CV: Constructed
- CVC: Commercial and Institutional
- CVC: Commercial and Institutional (Solar Lands)
- CVC\_1: Business Sector
- CVC\_2: Light Industry
- CVI\_1: Transportation
- CVI\_1: Transportation (Railway)
- CVI\_1: Transportation (Road)
- CVR\_1: Low Density Residential
- CVR\_4: Rural Property
- CVR\_5: Trailer Park
- FODM7: Fresh-Moist Lowland Deciduous Forest
- IAGM1: Agricultural Building
- MEM: Mixed Meadow
- MEMM3: Dry-Fresh Mixed Meadow
- OAG: Open Agriculture
- OAGM1: Annual Row Crop
- OAGM1: Annual Row Crop (Soy)
- OAGM1: Annual Row Crop (Tilled)
- OAGM1: Annual Row Crop (Untilled)
- OAGM2: Perennial Cover Crop
- SA: Shallow Aquatic
- SWDM3-2: Silver Maple Mineral Deciduous Swamp
- TAGM5: Hedgerow
- THD: Thicket
- WOD: Deciduous Woodland
- WODM4-4: Dry-Fresh Black Walnut Deciduous Forest



SANDWICH SOUTH  
MASTER SERVICING PLAN

**Species of Conservation Concern**

Waldron 2009

- Snapping Turtle (SC)

Dillon 2017

- Climbing Prairie Rose (SC)

Dillon 2019 and 2020

- Climbing Prairie Rose (SC)
- Giant Ironweed (S1)

**Species at Risk**

Waldron 2009

- ✳ Kentucky Coffee-tree (END)

Dillon 2017

- ✳ Eastern Meadowlark (THR)

**BIOPHYSICAL INVENTORY RESULTS**

FIGURE A4-2D

MAP DRAWING INFORMATION:  
DATA PROVIDED BY CITY OF WINDSOR 2019, MNR 2019, TOWN OF TECUMSEH 2019, \*ESSEX REGION CONSERVATION AUTHORITY 2019, \*\*COUNTY OF ESSEX 2019

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MAP CHECKED BY: LK  
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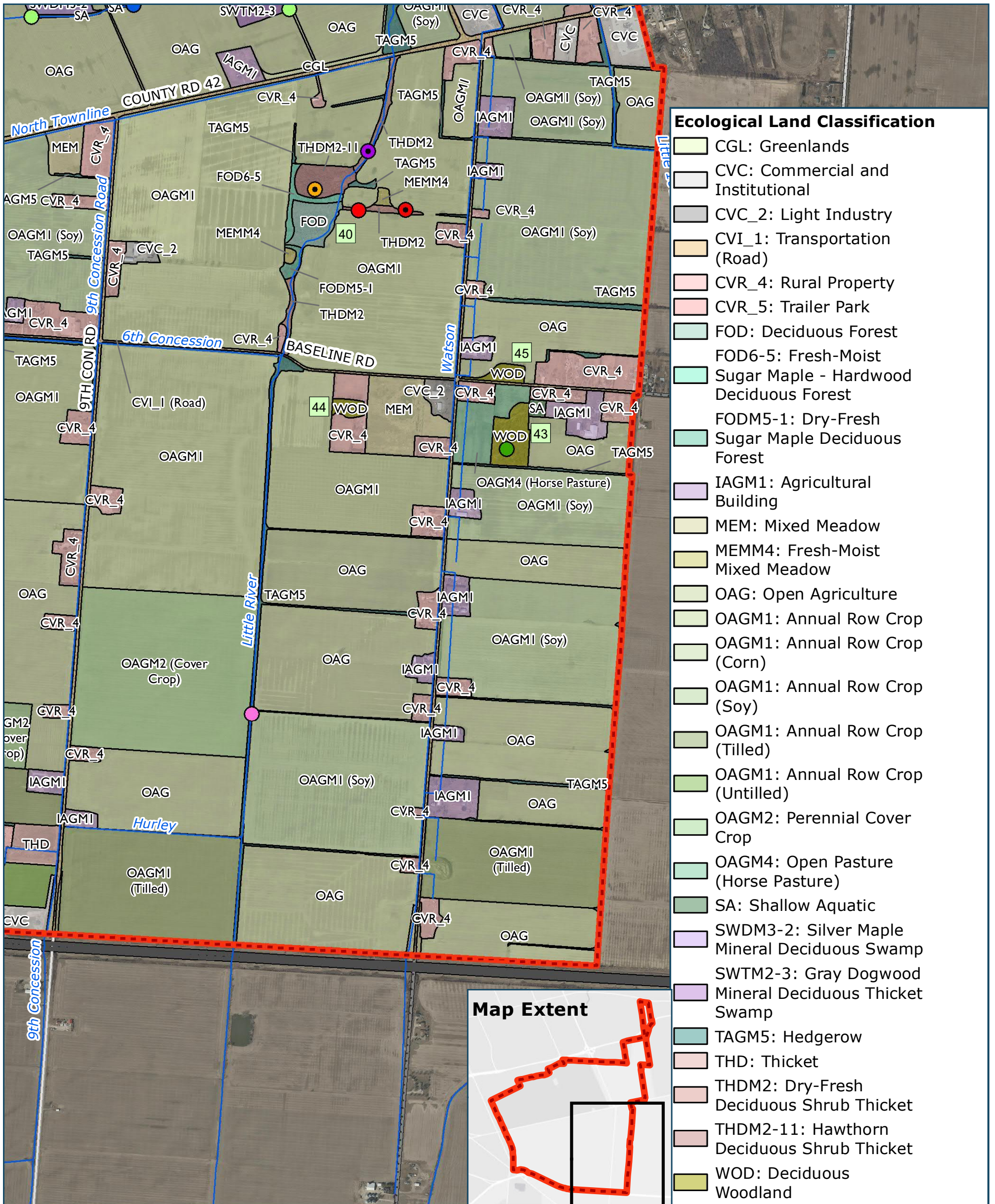
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SCALE 1:11,000

0 100 200 400 m

STATUS: FINAL  
PROJECT: 19-9817  
DATE: 2022-03-29





**Ecological Land Classification**

- CGL: Greenlands
- CVC: Commercial and Institutional
- CVC\_2: Light Industry
- CVI\_1: Transportation (Road)
- CVR\_4: Rural Property
- CVR\_5: Trailer Park
- FOD: Deciduous Forest
- FOD6-5: Fresh-Moist Sugar Maple - Hardwood Deciduous Forest
- FODM5-1: Dry-Fresh Sugar Maple Deciduous Forest
- IAGM1: Agricultural Building
- MEM: Mixed Meadow
- MEMM4: Fresh-Moist Mixed Meadow
- OAG: Open Agriculture
- OAGM1: Annual Row Crop
- OAGM1: Annual Row Crop (Corn)
- OAGM1: Annual Row Crop (Soy)
- OAGM1: Annual Row Crop (Tilled)
- OAGM1: Annual Row Crop (Untilled)
- OAGM2: Perennial Cover Crop
- OAGM4: Open Pasture (Horse Pasture)
- SA: Shallow Aquatic
- SWDM3-2: Silver Maple Mineral Deciduous Swamp
- SWTM2-3: Gray Dogwood Mineral Deciduous Thicket Swamp
- TAGM5: Hedgerow
- THD: Thicket
- THDM2: Dry-Fresh Deciduous Shrub Thicket
- THDM2-11: Hawthorn Deciduous Shrub Thicket
- WOD: Deciduous Woodland



- Sandwich South Study Area
- Arterial Road
- Municipal Drain / Watercourse
- Hayes Drain Name
- City of Windsor Candidate Natural Heritage Site

**Species of Conservation Concern**

- Dillon 2017
- Wood Thrush (SC)
  - Honey Locust (S2)
  - Snapping Turtle (SC)
- Dillon 2019 and 2020
- Climbing Prairie Rose (SC)
  - Eastern Wood-Pewee (SC)

- Crayfish Burrow
- Giant Ironweed (S1)
- Honey Locust (S2)

**BIOPHYSICAL INVENTORY RESULTS**

FIGURE A4-2E



MAP DRAWING INFORMATION:  
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 MAP CHECKED BY: LK  
 MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N  
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SCALE 1:14,000

0 125 250 500 m

STATUS: FINAL  
 PROJECT: 19-9817  
 DATE: 2022-03-29



**Species of Conservation Concern Observations**

- Climbing Prairie Rose (SC)
- Snapping Turtle (SC)
- Honey Locust (S2)
- Wood Thrush (SC)
- Crayfish Burrow
- Eastern Stiff-leaved Goldenrod (S3)

- Eastern Wood-Pewee (SC)
- Giant Ironweed (S1?)
- Monarch (SC)
- Shellbark Hickory (S3)

**Significant Wildlife Habitat**

- Candidate Significant Wildlife Habitat for Bat Maternity Roosts

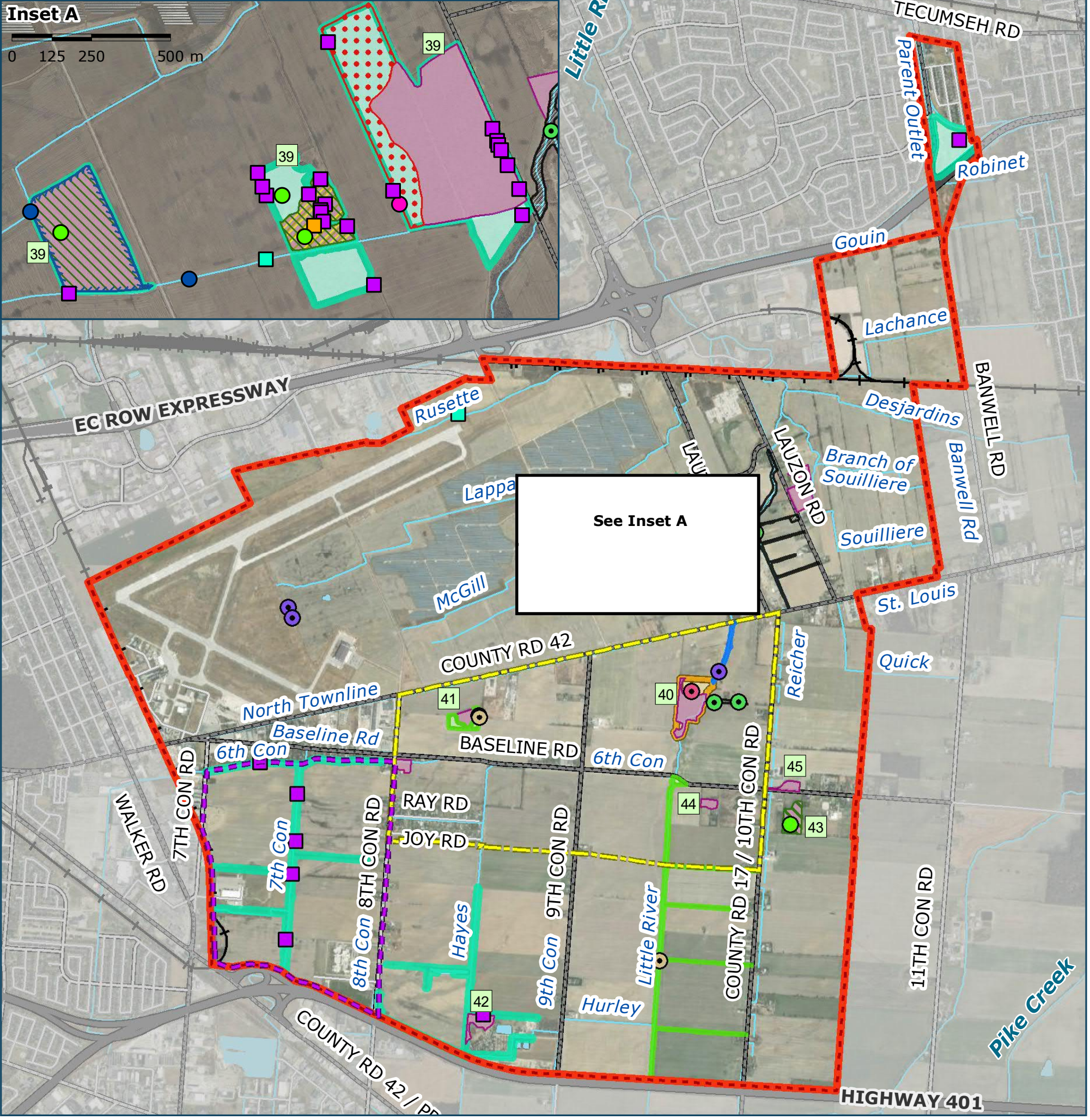
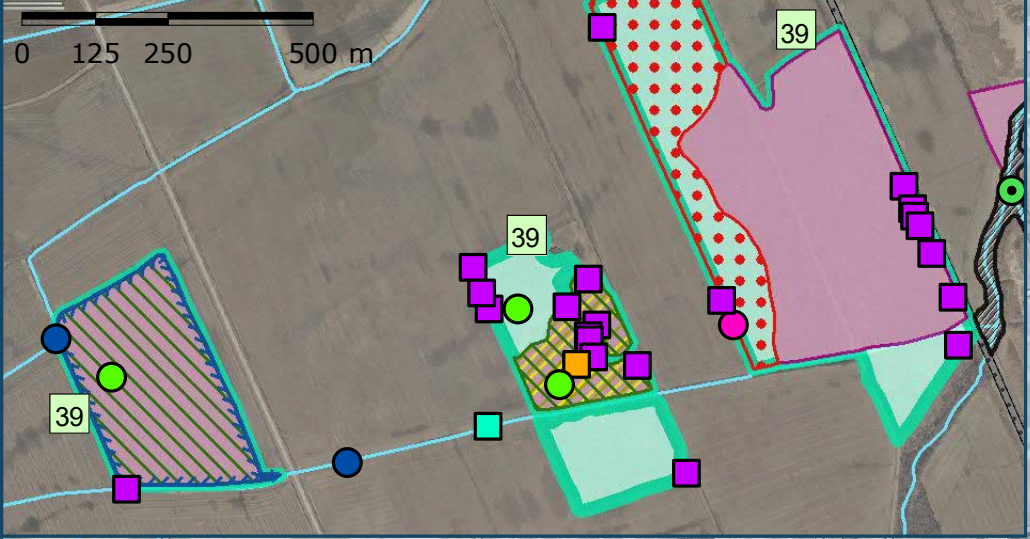
- Candidate Amphibian Breeding Habitat (Woodland)
- Confirmed Significant Wildlife Habitat for Terrestrial Crayfish

**Confirmed Significant Wildlife Habitat for Special Concern and Rare Wildlife Species**

- Wood Thrush (SC)

- Honey Locust (S2)
- Snapping Turtle (SC)
- Climbing Prairie Rose (SC)
- Eastern Stiff Leaved Goldenrod (S3)
- Eastern Wood-Pewee (SC)
- Giant Ironweed (S1)
- Shellbark Hickory (S3)

**Inset A**



See Inset A



SANDWICH SOUTH MASTER SERVICING PLAN

- Sandwich South Study Area
- East Pelton Secondary Plan Area
- County Road 42 Secondary Plan Area
- Expressway / Highway

- Arterial Road
- Collector Road
- Local / Other Road
- Railway
- Municipal Drain / Watercourse
- Waterbody

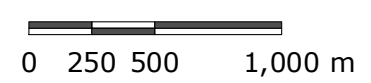
- Hayes Drain Name
- City of Windsor Candidate Natural Heritage Site

**NATURAL HERITAGE FEATURES**  
FIGURE A4-3A



MAP DRAWING INFORMATION:  
DATA PROVIDED BY CITY OF WINDSOR 2019, MNR 2019, TOWN OF TECUMSEH 2019, \*ESSEX REGION CONSERVATION AUTHORITY 2019, \*\*COUNTY OF ESSEX 2019  
MAP CREATED BY: CV  
MAP CHECKED BY: LK  
MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N  
\*DEM - CGVD28:78 DEM SURFACE DERIVED BY ERCA BASED ON MNR LIDAR - DIGITAL TERRAIN MODEL (2016-18). COPYRIGHT ERCA, 2019. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO. (WWW.ONTARIO.CA/PAGE/OPEN-GOVERNMENT-LICENCE-ONTARIO)  
\*\*2019 IMAGERY - THE DIGITAL MAP LAYERS HAVE BEEN USED WITH THE EXPRESS PERMISSION OF THE CORPORATION OF THE COUNTY OF ESSEX

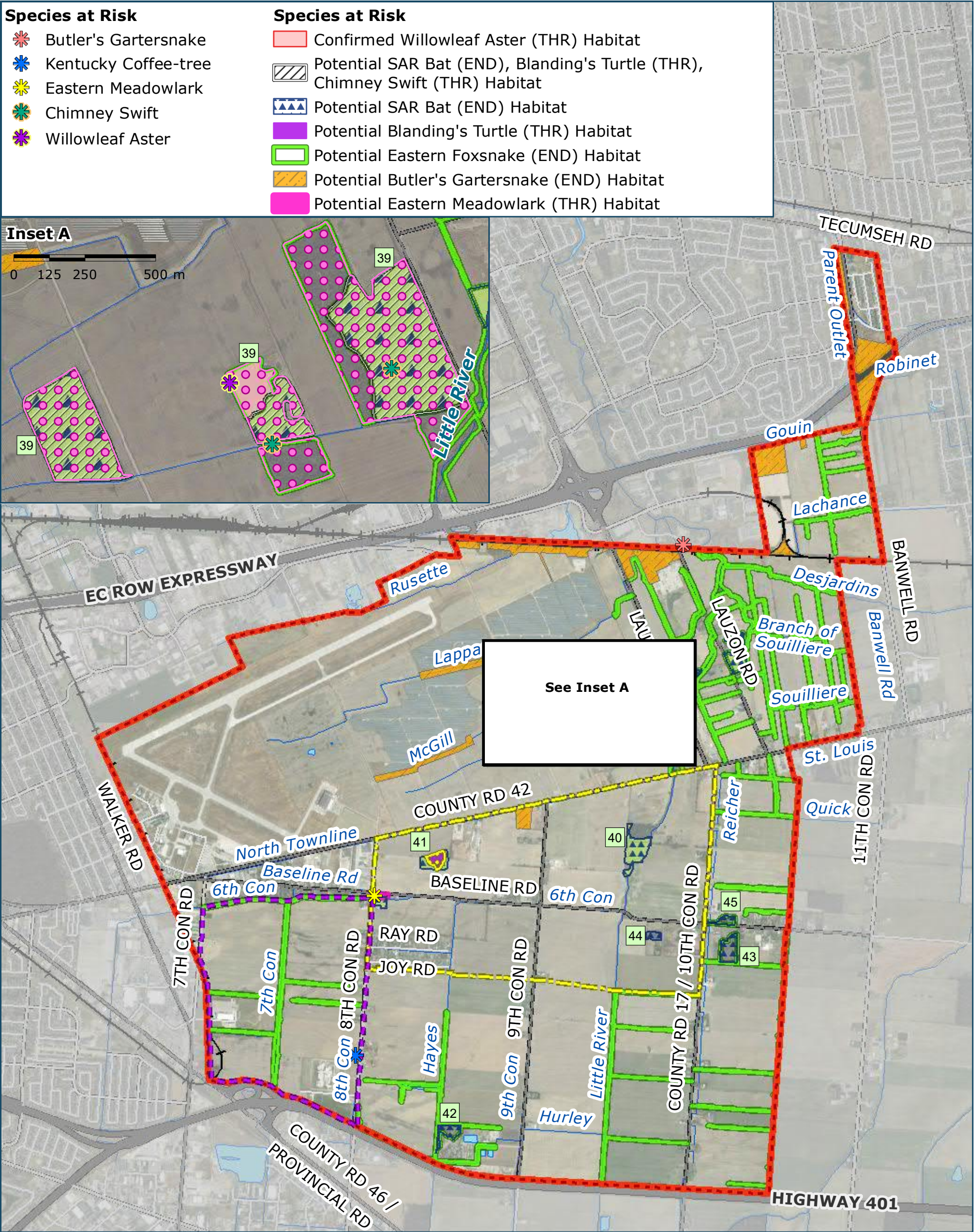
SCALE 1:30,000



STATUS: FINAL  
PROJECT: 19-9817

DATE: 2022-03-29





**SANDWICH SOUTH MASTER SERVICING PLAN**

**NATURAL HERITAGE FEATURES**  
**FIGURE A4-3B**

- Sandwich South Study Area
- East Pelton Secondary Plan Area
- County Road 42 Secondary Plan Area
- Expressway / Highway
- Arterial Road
- Collector Road
- Local / Other Road
- Railway
- Municipal Drain / Watercourse
- Waterbody
- Hayes Drain Name
- City of Windsor Candidate Natural Heritage Site
- Provincially Significant Wetland
- Unevaluated Wetland
- Significant Woodland

THE CITY OF WINDSOR  
ONTARIO, CANADA

DILLON CONSULTING

MAP DRAWING INFORMATION:  
 DATA PROVIDED BY CITY OF WINDSOR 2019, MNRF 2019, TOWN OF TECUMSEH 2019, \*ESSEX REGION CONSERVATION AUTHORITY 2019, \*\*COUNTY OF ESSEX 2019  
 MAP CREATED BY: CV/ZB  
 MAP CHECKED BY: LK  
 MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N

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 (WWW.ONTARIO.CA/PAGE/OPEN-GOVERNMENT-LICENCE-ONTARIO)

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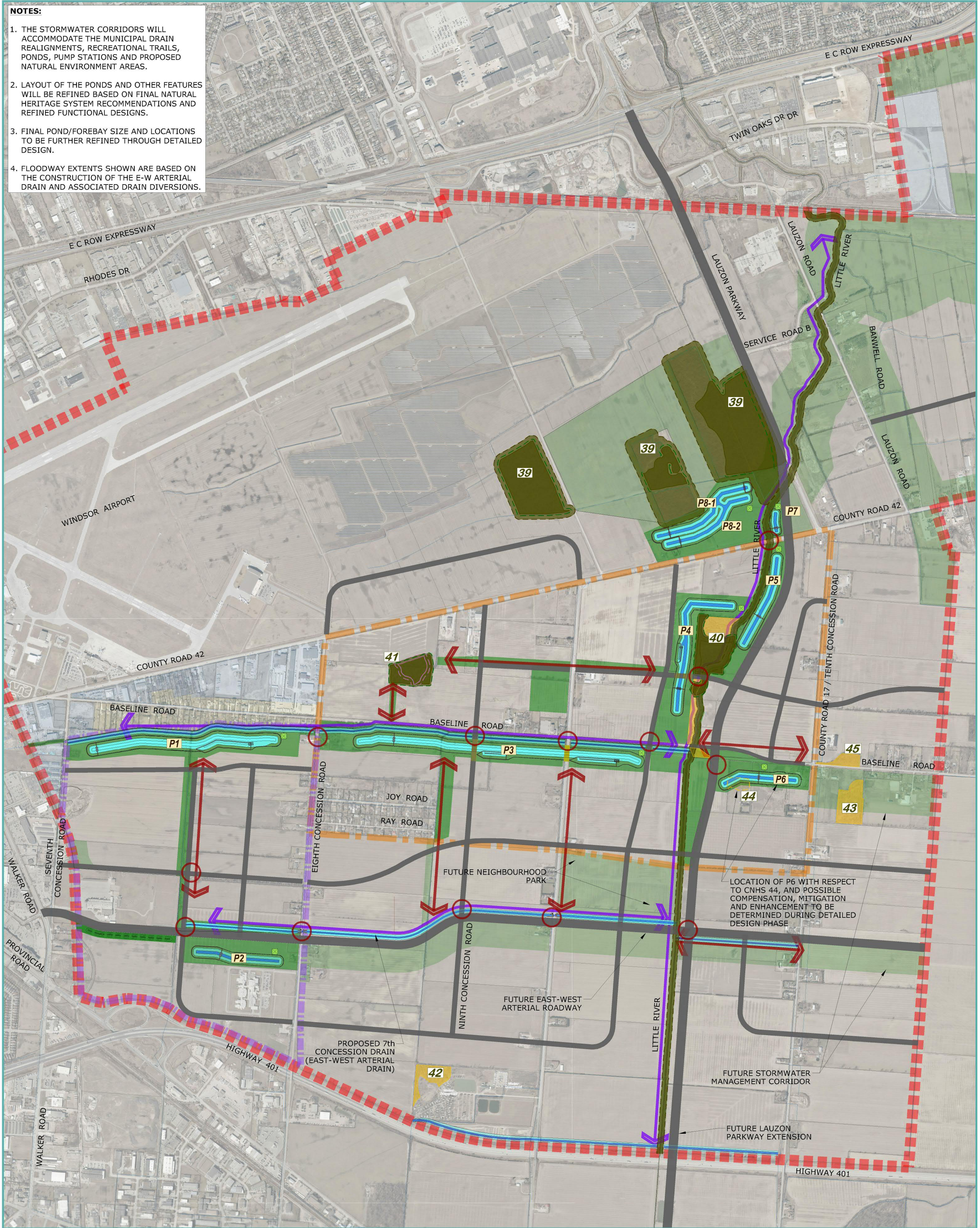
SCALE 1:30,000

0 250 500 1,000 m

STATUS: FINAL  
 PROJECT: 19-9817  
 DATE: 2022-07-13



- NOTES:**
1. THE STORMWATER CORRIDORS WILL ACCOMMODATE THE MUNICIPAL DRAIN REALIGNMENTS, RECREATIONAL TRAILS, PONDS, PUMP STATIONS AND PROPOSED NATURAL ENVIRONMENT AREAS.
  2. LAYOUT OF THE PONDS AND OTHER FEATURES WILL BE REFINED BASED ON FINAL NATURAL HERITAGE SYSTEM RECOMMENDATIONS AND REFINED FUNCTIONAL DESIGNS.
  3. FINAL POND/FOREBAY SIZE AND LOCATIONS TO BE FURTHER REFINED THROUGH DETAILED DESIGN.
  4. FLOODWAY EXTENTS SHOWN ARE BASED ON THE CONSTRUCTION OF THE E-W ARTERIAL DRAIN AND ASSOCIATED DRAIN DIVERSIONS.



**SANDWICH SOUTH MASTER SERVICING PLAN**

**INTEGRATED ENVIRONMENT AND OPEN SPACE/STORMWATER MANAGEMENT SYSTEM**

FIGURE A4-4

- STUDY AREA
- EAST PELTON SPA
- CR42 SPA
- FUTURE COLLECTOR AND ARTERIAL ROADS

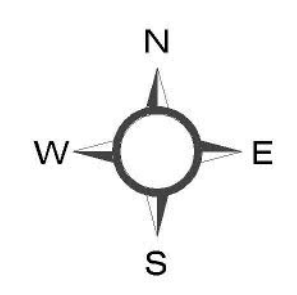
- STORMWATER MANAGEMENT/OPEN SPACE SYSTEM**
- P1 TYPICAL POND NAME
  - P1 STORMWATER PUMP STATION
  - P1 STORMWATER MANAGEMENT POND
  - P1 STORMWATER MANAGEMENT CORRIDOR/ OPEN SPACE

- ENVIRONMENTAL SYSTEM LEGEND**
- P1 MUNICIPAL DRAIN RELOCATION OR NEW DRAIN
  - P1 CORE NATURAL HERITAGE SYSTEM
  - P1 CANDIDATE NATURAL HERITAGE SYSTEM
  - P1 RESTORATION AND ENHANCEMENT AREA
  - P1 PROVINCIALLY SIGNIFICANT WETLANDS (PSW)
  - P1 UNEVALUATED WETLAND
  - P1 POTENTIAL WILDLIFE CROSSING
  - TOP OF BANK
  - SIGNIFICANT WOODLANDS
  - 30m PSW BUFFER
  - 15m UNEVALUATED WETLAND BUFFER
  - 15m TOP OF BANK BUFFER
  - 10m SIGNIFICANT WOODLAND DRIPLINE BUFFER
  - ↔ PRINCIPLE ECOLOGICAL LINKAGE
  - ↔ PASSIVE ECOLOGICAL LINKAGE

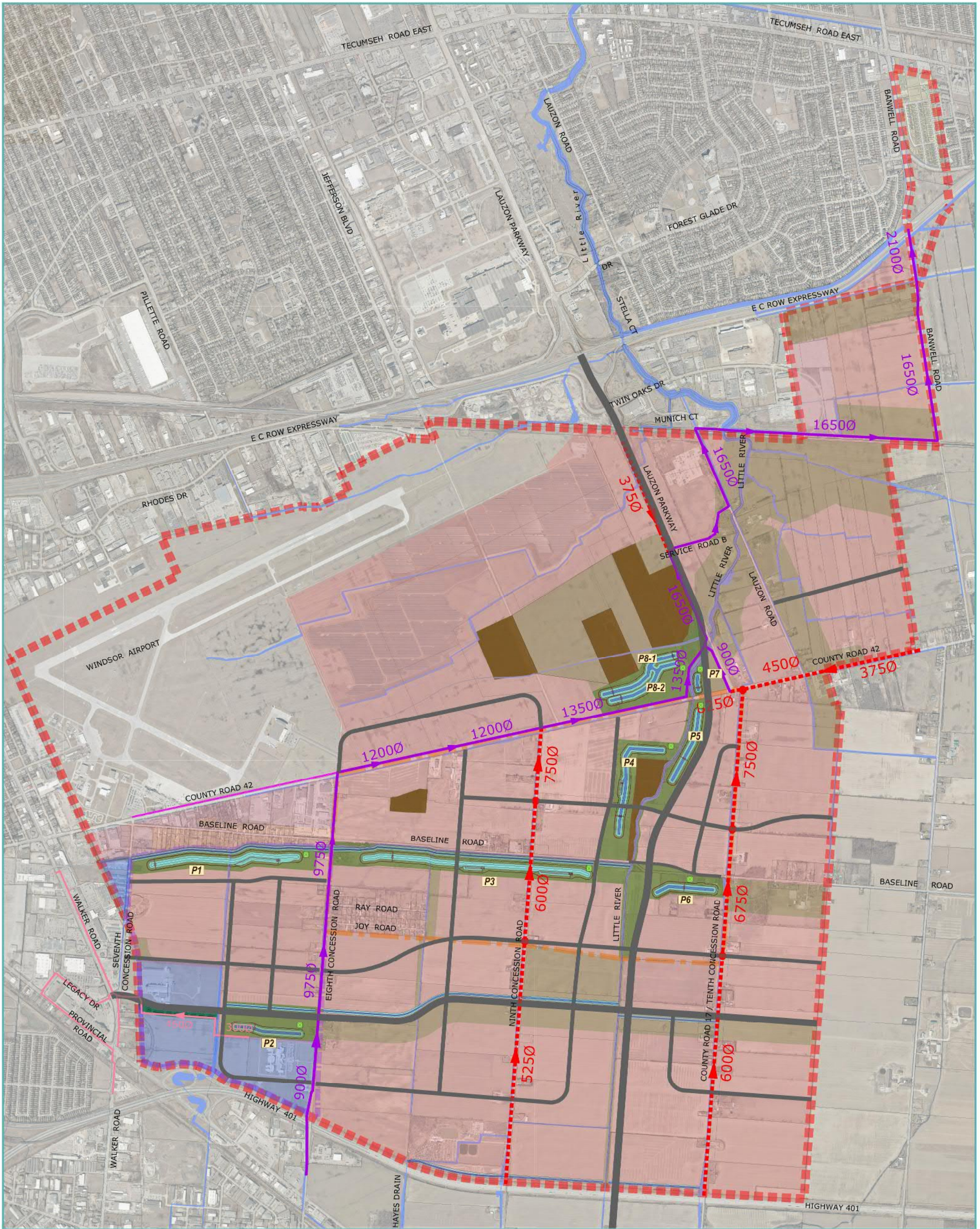


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 MAP CREATED BY: RBH  
 MAP CHECKED BY: CV  
 MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N  
 \*DEM - CGVD28-78 DEM SURFACE DERIVED BY ERCA BASED ON MNR LIDAR - DIGITAL TERRAIN MODEL (2016-18). COPYRIGHT ERCA, 2019. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO. (WWW.ONTARIO.CA/PAGE/OPEN-GOVERNMENT-LICENCE-ONTARIO)  
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SCALE: 1:10000  
 STATUS: FINAL  
 PROJECT: 19-9817  
 DATE: May 03, 2023







**SANDWICH SOUTH MASTER SERVICING PLAN**

- - - - - STUDY AREA
- - - - - EAST PELTON SPA
- - - - - CR42 SPA
- - - - - TRUNK STORM SEWER
- - - - - 1:100 YEAR FLOODWAY EXTENTS
- - - - - FUTURE COLLECTOR AND ARTERIAL ROADS
- - - - - NATURAL HERITAGE AREA
- P1 TYPICAL POND NAME

- - - - - OPEN SPACE / STORMWATER MANAGEMENT CORRIDOR
- ← PROPOSED STORM SEWER DRAINAGE
- STORMWATER PUMP STATION
- STORMWATER MANAGEMENT POND - PERMANENT POOL
- STORMWATER MANAGEMENT POND - ACTIVE STORAGE
- - - - - MUNICIPAL DRAIN RELOCATION OR NEW DRAIN

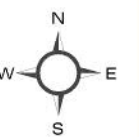
- - - - - LITTLE RIVER POLLUTION CONTROL PLANT DRAINAGE AREA
- - - - - LOU ROMANO WATER RECLAMATION PLANT DRAINAGE AREA
- - - - - PROPOSED SANITARY DRAINAGE AREA
- - - - - EXISTING SANITARY TRUNK SEWERS (LOU ROMANO)
- - - - - EXISTING SANITARY TRUNK SEWERS
- - - - - PROPOSED SANITARY TRUNK SEWERS

**PROPOSED SANITARY SEWER LAYOUT**

FIGURE A5-0



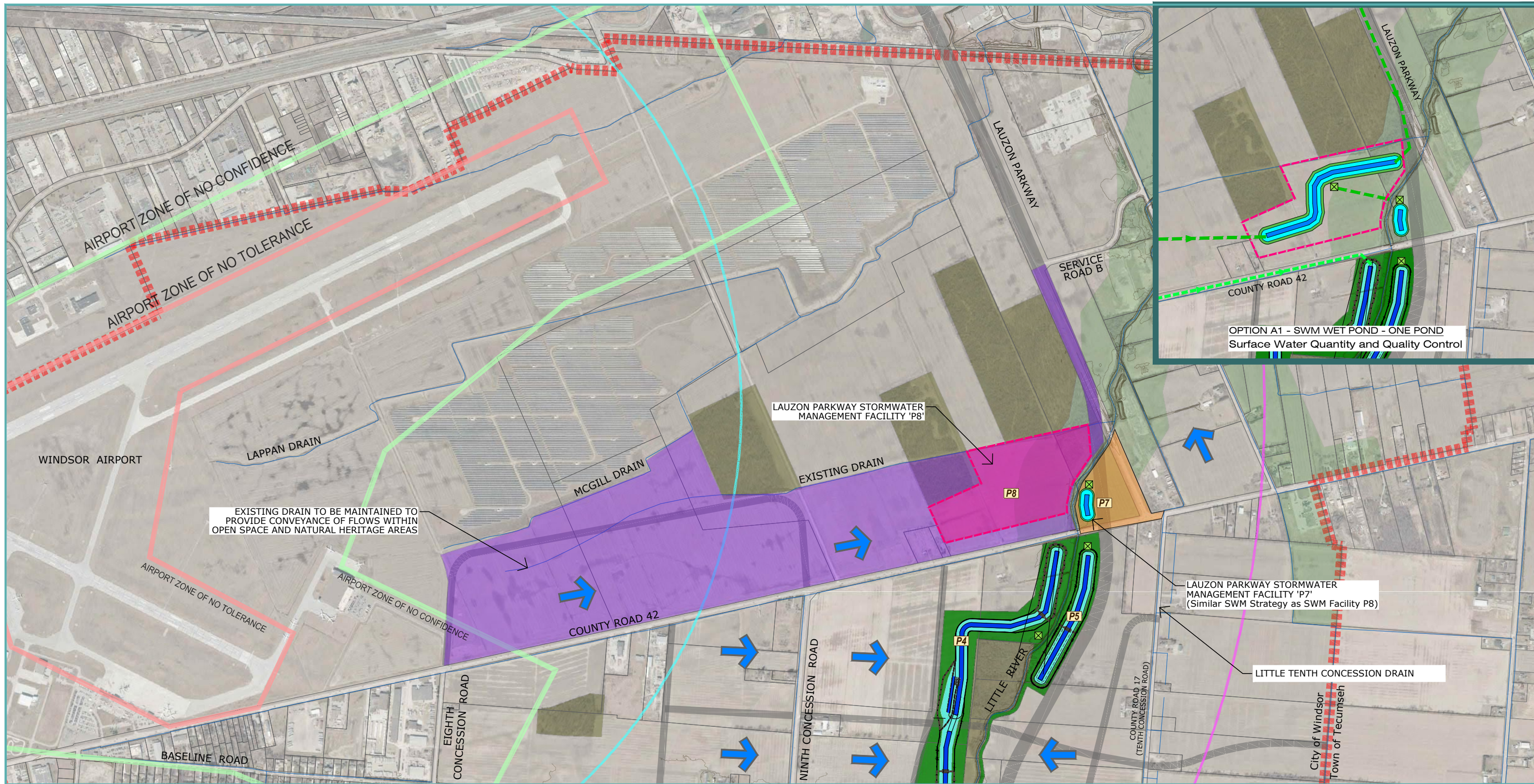
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 MAP CHECKED BY:  
 MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N  
 \*DEM - CGVD28:78 DEM SURFACE DERIVED BY ERCA BASED ON MNRF LIDAR - DIGITAL TERRAIN MODEL (2016-18). COPYRIGHT ERCA, 2019. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO. (WWW.ONTARIO.CA/PAGE/OPEN-GOVERNMENT-LICENCE-ONTARIO)  
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 PROJECT: 19-9817

DATE: April 19, 2023





**SANDWICH SOUTH MASTER SERVICING PLAN**

**STORMWATER MANAGEMENT OPTIONS TO SERVE AREAS NORTH OF COUNTY ROAD 42 - OPTION A**

FIGURE A5-2A

LAUZON PKWY POND 'P8' DRAINAGE BOUNDARY	FUTURE COLLECTOR AND ARTERIAL ROADS	STORMWATER PUMP STATION
LAUZON PKWY POND 'P7' DRAINAGE BOUNDARY	NATURAL HERITAGE AREA	STORMWATER PERMANENT POOL
QUALITY FOREBAY	OPEN SPACE / STORMWATER MANAGEMENT CORRIDOR	STORMWATER MANAGEMENT POND - ACTIVE STORAGE
TRUNK STORM SEWER	PROPOSED DRAINAGE ARROW	OGS - OIL AND GRIT SEPARATOR
		TYPICAL POND NAME

**AIRPORT ZONES LEGEND**

- 2 KM RADIUS FROM AIRFIELD CENTRE (WILDLIFE CONTROL ZONE)
- 4 KM RADIUS FROM AIRFIELD CENTRE (WILDLIFE CONTROL ZONE)
- ZONE OF NO TOLERANCE
- ZONE OF NO CONFIDENCE

**OPTION A:**  
 THE PROPOSED LAUZON PARKWAY STORMWATER MANAGEMENT FACILITIES WILL PROVIDE DRAINAGE FOR THE PROPOSED LAUZON PARKWAY CORRIDOR BETWEEN THE MCGILL DRAIN AND COUNTY ROAD 42. THE AREA SOUTH OF COUNTY ROAD 42 WILL DRAIN TO POND P4.

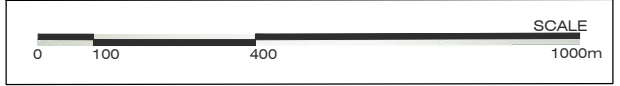


MAP DRAWING INFORMATION:  
 DATA PROVIDED BY CITY OF WINDSOR 2019, MNRF 2019, TOWN OF TECUMSEH 2019, \*ESSEX REGION CONSERVATION AUTHORITY 2019, \*\*COUNTY OF ESSEX

CREATED BY: RBH  
 CHECKED BY: LMH  
 DESIGNED BY: DCR  
 MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N

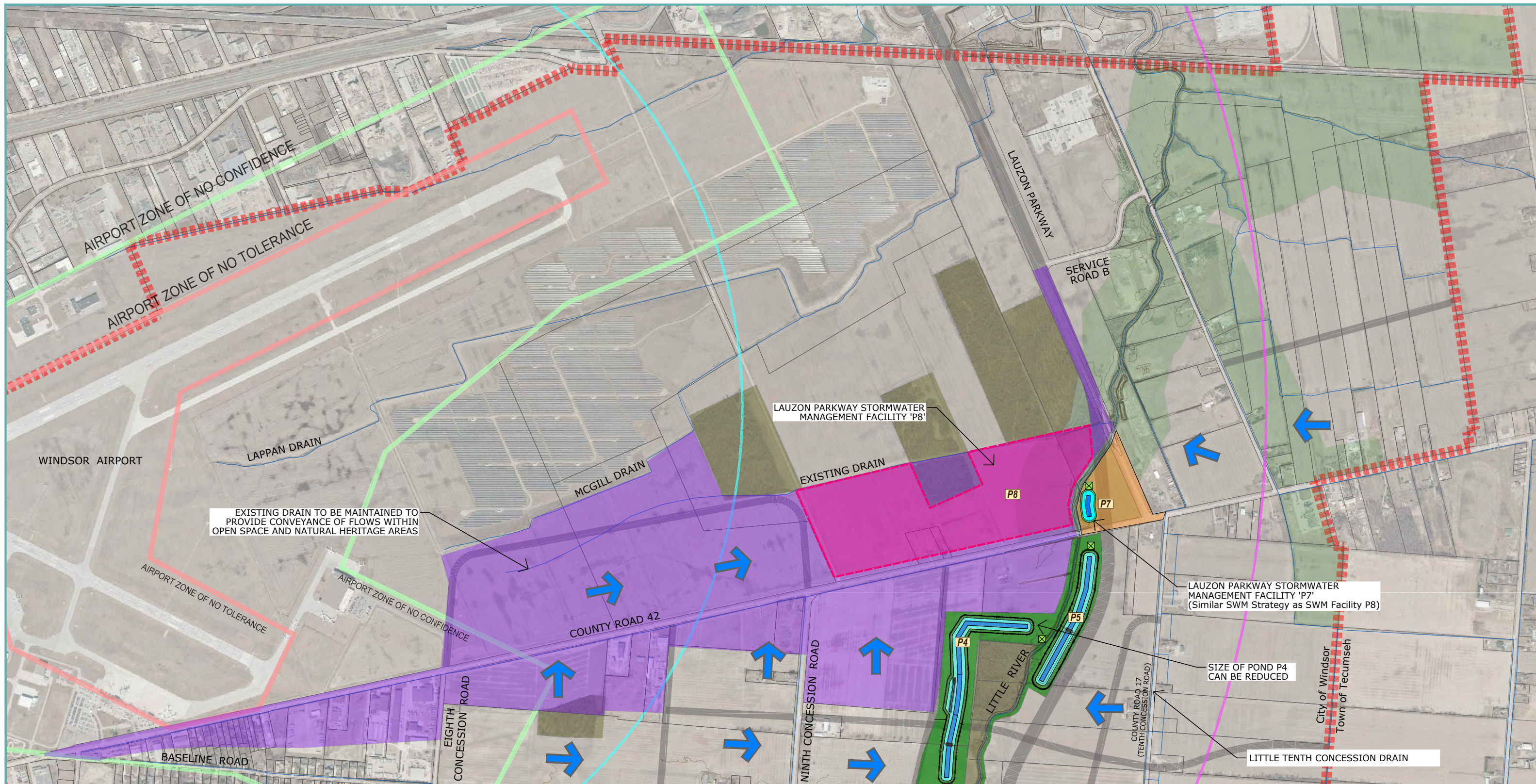
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STATUS: FINAL PROJECT: 19-9817 DATE: June 01, 2022





EXISTING DRAIN TO BE MAINTAINED TO PROVIDE CONVEYANCE OF FLOWS WITHIN OPEN SPACE AND NATURAL HERITAGE AREAS

LAUZON PARKWAY STORMWATER MANAGEMENT FACILITY 'P7' (Similar SWM Strategy as SWM Facility P8)

SIZE OF POND P4 CAN BE REDUCED

LITTLE TENTH CONCESSION DRAIN

**SANDWICH SOUTH MASTER SERVICING PLAN**

**STORMWATER MANAGEMENT OPTIONS TO SERVE AREAS NORTH AND SOUTH OF COUNTY ROAD 42 - OPTION B**

FIGURE A5-2B

- LAUZON PKWY POND 'P8' DRAINAGE BOUNDARY
- LAUZON PKWY POND 'P7' DRAINAGE BOUNDARY
- QUALITY FOREBAY
- TRUNK STORM SEWER
- FUTURE COLLECTOR AND ARTERIAL ROADS
- NATURAL HERITAGE AREA
- OPEN SPACE / STORMWATER MANAGEMENT CORRIDOR
- PROPOSED DRAINAGE ARROW
- STORMWATER PUMP STATION
- STORMWATER PERMANENT POOL
- STORMWATER MANAGEMENT POND - ACTIVE STORAGE
- OGS - OIL AND GRIT SEPARATOR
- TYPICAL POND NAME

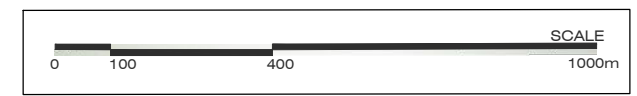
- AIRPORT ZONES LEGEND**
- 2 KM RADIUS FROM AIRFIELD CENTRE (WILDLIFE CONTROL ZONE)
  - 4 KM RADIUS FROM AIRFIELD CENTRE (WILDLIFE CONTROL ZONE)
  - ZONE OF NO TOLERANCE
  - ZONE OF NO CONFIDENCE

**OPTION B:**  
 THE PROPOSED LAUZON PARKWAY STORMWATER MANAGEMENT FACILITIES WILL PROVIDE DRAINAGE FOR THE PROPOSED LAUZON PARKWAY CORRIDOR BETWEEN SERVICE ROAD B AND COUNTY ROAD 42. THE AREA SOUTH OF COUNTY ROAD 42 WILL DRAIN TO THE PROPOSED LAUZON PARKWAY STORMWATER MANAGEMENT FACILITY P8.

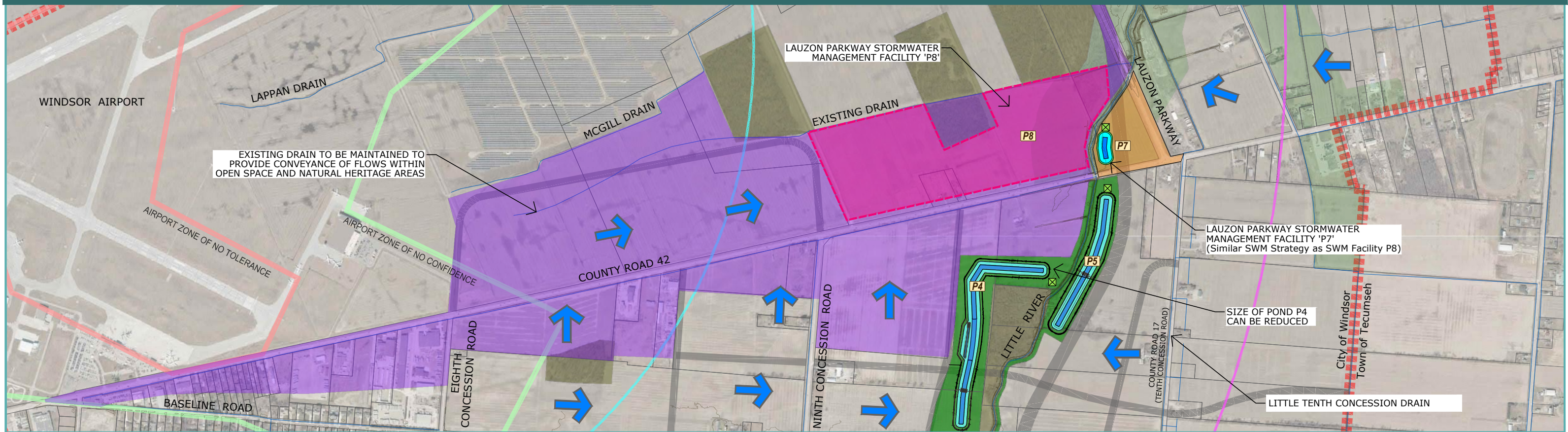
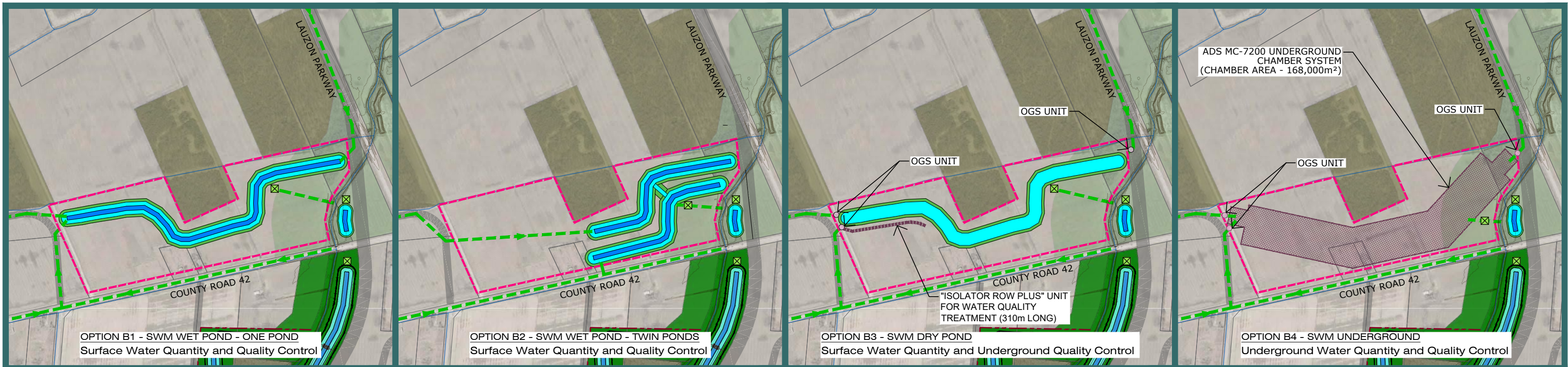


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 DESIGNED BY: DCR  
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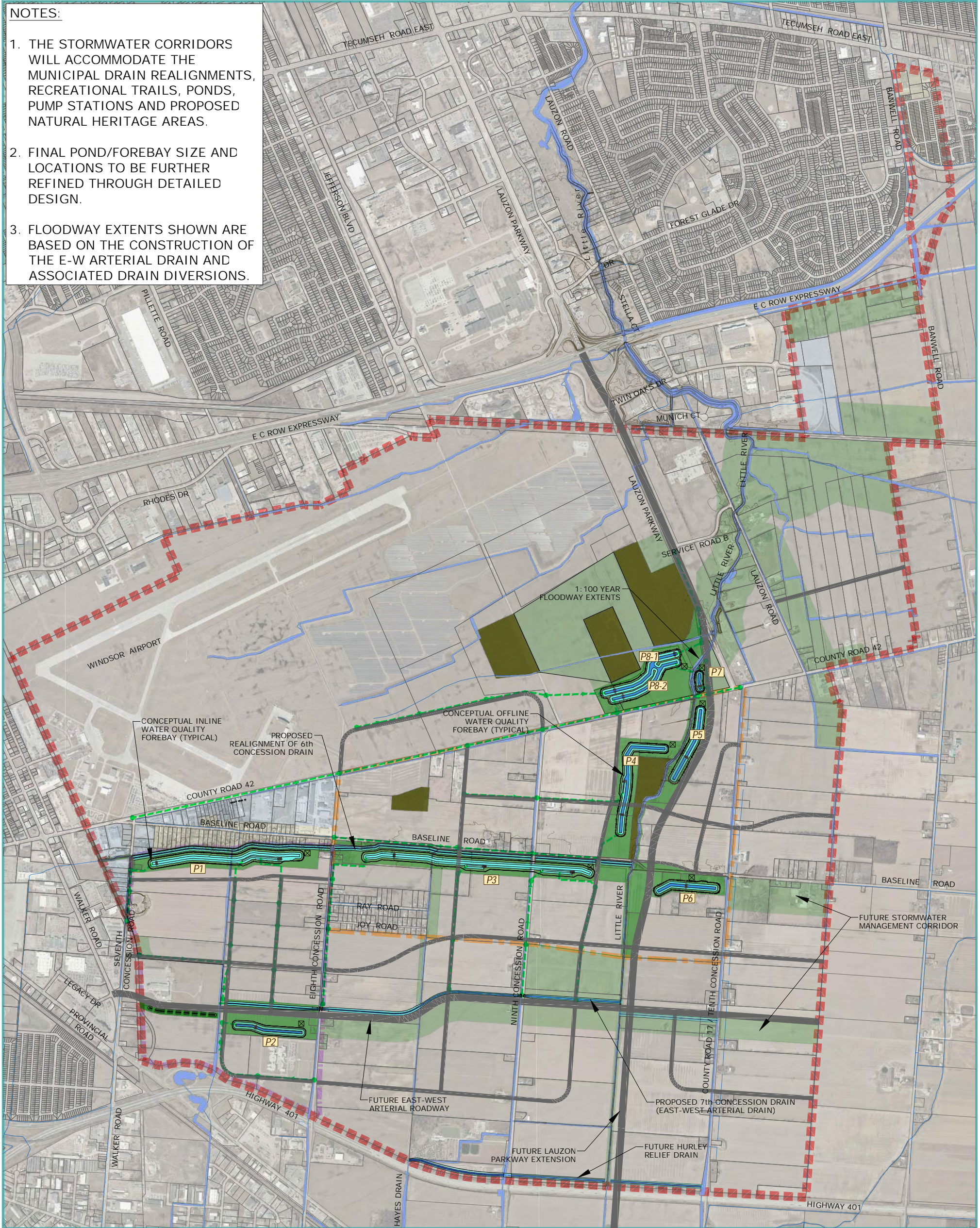


<p><b>SANDWICH SOUTH MASTER SERVICING PLAN</b></p>	<p><b>LAUZON PKWY POND 'P8' DRAINAGE BOUNDARY</b></p> <p><b>LAUZON PKWY POND 'P7' DRAINAGE BOUNDARY</b></p> <p><b>QUALITY FOREBAY</b></p> <p><b>TRUNK STORM SEWER</b></p>	<p><b>FUTURE COLLECTOR AND ARTERIAL ROADS</b></p> <p><b>NATURAL HERITAGE AREA</b></p> <p><b>OPEN SPACE / STORMWATER MANAGEMENT CORRIDOR</b></p> <p><b>PROPOSED DRAINAGE ARROW</b></p>	<p><b>STORMWATER PUMP STATION</b></p> <p><b>STORMWATER PERMANENT POOL</b></p> <p><b>STORMWATER MANAGEMENT POND - ACTIVE STORAGE</b></p> <p><b>OGS - OIL AND GRIT SEPARATOR</b></p> <p><b>TYPICAL POND NAME</b></p>	<p><b>AIRPORT ZONES LEGEND</b></p> <p>2 KM RADIUS FROM AIRFIELD CENTRE (WILDLIFE CONTROL ZONE)</p> <p>4 KM RADIUS FROM AIRFIELD CENTRE (WILDLIFE CONTROL ZONE)</p> <p>ZONE OF NO TOLERANCE</p> <p>ZONE OF NO CONFIDENCE</p>	<p><b>OPTION B:</b></p> <p><b>THE PROPOSED LAUZON PARKWAY STORMWATER MANAGEMENT FACILITIES WILL PROVIDE DRAINAGE FOR THE PROPOSED LAUZON PARKWAY CORRIDOR BETWEEN SERVICE ROAD B AND COUNTY ROAD 42. THE AREA SOUTH OF COUNTY ROAD 42 WILL DRAIN TO THE PROPOSED LAUZON PARKWAY STORMWATER MANAGEMENT FACILITY P8.</b></p>
	<p><b>STORMWATER MANAGEMENT CONFIGURATIONS OF LAUZON PARKWAY/COUNTY ROAD 42</b></p> <p>FIGURE A5-2C</p>		<p>MAP DRAWING INFORMATION: DATA PROVIDED BY CITY OF WINDSOR 2019, MNRF 2019, TOWN OF TECUMSEH 2019, *ESSEX REGION CONSERVATION AUTHORITY 2019, **COUNTY OF ESSEX</p> <p>CREATED BY: RBH CHECKED BY: LMH DESIGNED BY: DCR MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N</p>	<p>*DEM - CGVD28:78 DEM SURFACE DERIVED BY ERCA BASED ON MNRF LIDAR - DIGITAL TERRAIN MODEL (2016-18). COPYRIGHT ERCA, 2019. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO. (WWW.ONTARIO.CA/PAGE/OPEN-GOVERNMENT-LICENCE-ONTARIO)</p> <p>**2019 IMAGERY - THE DIGITAL MAP LAYERS HAVE BEEN USED WITH EXPRESS PERMISSION OF THE CORPORATION OF THE COUNTY OF ESSEX</p>	



**NOTES:**

1. THE STORMWATER CORRIDORS WILL ACCOMMODATE THE MUNICIPAL DRAIN REALIGNMENTS, RECREATIONAL TRAILS, PONDS, PUMP STATIONS AND PROPOSED NATURAL HERITAGE AREAS.
2. FINAL POND/FOREBAY SIZE AND LOCATIONS TO BE FURTHER REFINED THROUGH DETAILED DESIGN.
3. FLOODWAY EXTENTS SHOWN ARE BASED ON THE CONSTRUCTION OF THE E-W ARTERIAL DRAIN AND ASSOCIATED DRAIN DIVERSIONS.



**SANDWICH SOUTH MASTER SERVICING PLAN**

- ■ ■ ■ ■ STUDY AREA
- ■ ■ ■ ■ EAST PELTON SPA
- ■ ■ ■ ■ CR42 SPA
- — — — — TRUNK STORM SEWER
- — — — — 1: 100 YEAR FLOODWAY EXTENTS
- — — — — FUTURE COLLECTOR AND ARTERIAL ROADS
- ■ ■ ■ ■ NATURAL HERITAGE AREA
- P1 TYPICAL POND NAME
- ■ ■ ■ ■ OPEN SPACE / STORMWATER MANAGEMENT CORRIDOR
- ← PROPOSED STORM SEWER DRAINAGE
- STORMWATER PUMP STATION
- ■ ■ ■ ■ STORMWATER MANAGEMENT POND- PERMANENT POOL
- ■ ■ ■ ■ STORMWATER MANAGEMENT POND - ACTIVE STORAGE
- — — — — MUNICIPAL DRAIN RELOCATION OR NEW DRAIN

**STORMWATER MANAGEMENT STRATEGY**

**FIGURE A5-3**



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 MAP CHECKED BY:  
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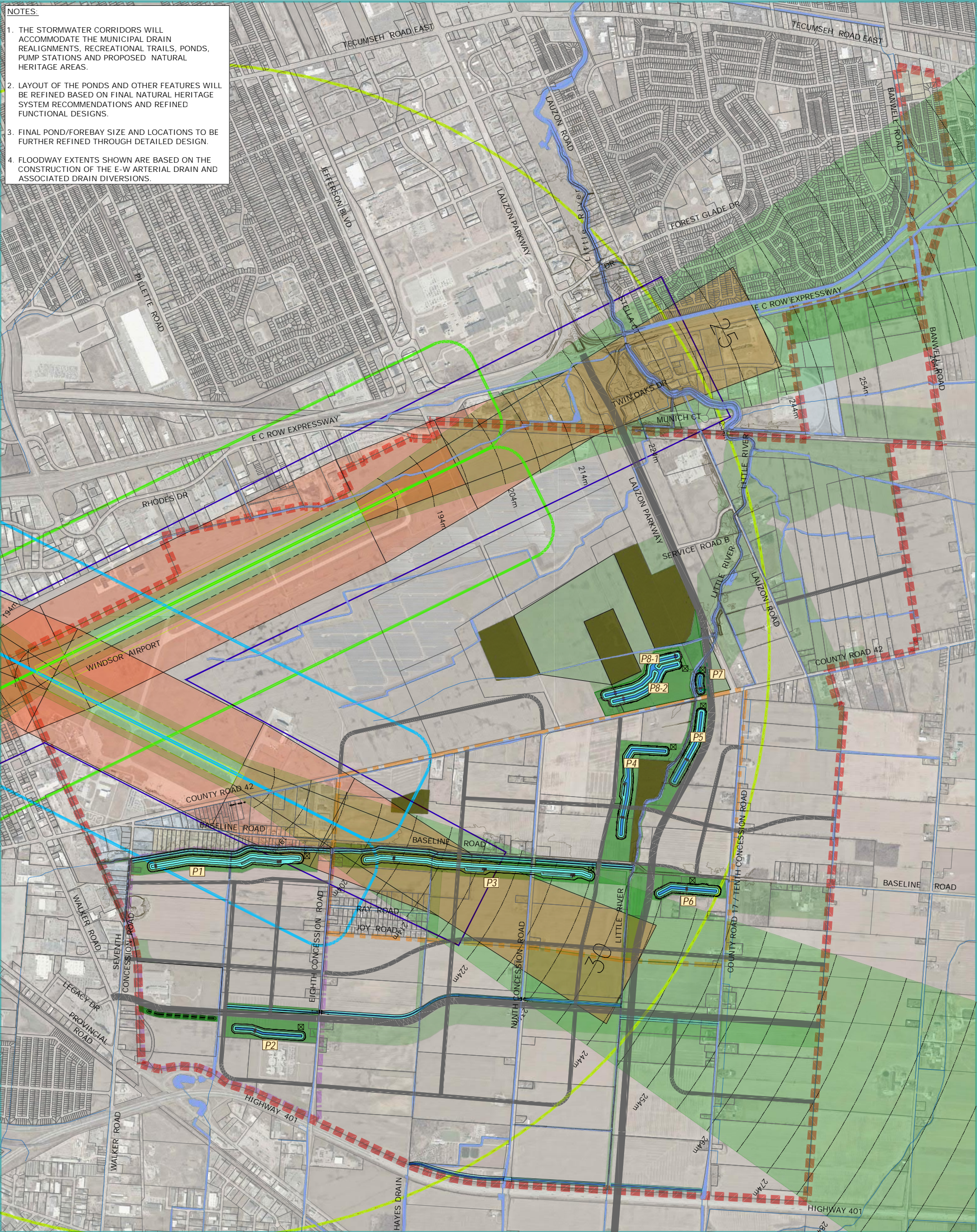
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 STATUS: FINAL  
 PROJECT: 19-9817  
 DATE: April 18, 2023



- NOTES:**
1. THE STORMWATER CORRIDORS WILL ACCOMMODATE THE MUNICIPAL DRAIN REALIGNMENTS, RECREATIONAL TRAILS, PONDS, PUMP STATIONS AND PROPOSED NATURAL HERITAGE AREAS.
  2. LAYOUT OF THE PONDS AND OTHER FEATURES WILL BE REFINED BASED ON FINAL NATURAL HERITAGE SYSTEM RECOMMENDATIONS AND REFINED FUNCTIONAL DESIGNS.
  3. FINAL POND/FOREBAY SIZE AND LOCATIONS TO BE FURTHER REFINED THROUGH DETAILED DESIGN.
  4. FLOODWAY EXTENTS SHOWN ARE BASED ON THE CONSTRUCTION OF THE E-W ARTERIAL DRAIN AND ASSOCIATED DRAIN DIVERSIONS.



**SANDWICH SOUTH MASTER SERVICING PLAN**

- STUDY AREA
- EAST PELTON SPA
- CR42 SPA
- TRUNK STORM SEWER
- 1: 100 YEAR FLOODWAY EXTENTS
- FUTURE COLLECTOR AND ARTERIAL ROADS
- NATURAL HERITAGE AREA
- P1 TYPICAL POND NAME
- OPEN SPACE / STORMWATER MANAGEMENT CORRIDOR
- ← PROPOSED STORM SEWER DRAINAGE
- STORMWATER PUMP STATION
- STORMWATER MANAGEMENT POND- PERMANENT POOL
- STORMWATER MANAGEMENT POND - ACTIVE STORAGE
- MUNICIPAL DRAIN RELOCATION OR NEW DRAIN

- AIRPORT ZONES LEGEND**
- 4 KM DIAMETER FROM AIRFIELD CENTRE (WILDLIFE CONTROL ZONE)
  - TYPICAL TRAFFIC PATTERN (East-West)
  - TYPICAL TRAFFIC PATTERN (North-South)
  - OBSTACLE LIMITATION SURFACES (OLS)

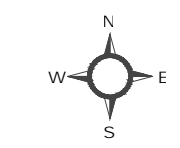
**AIRPORT ZONE OVERLAY**

**FIGURE A5-4**



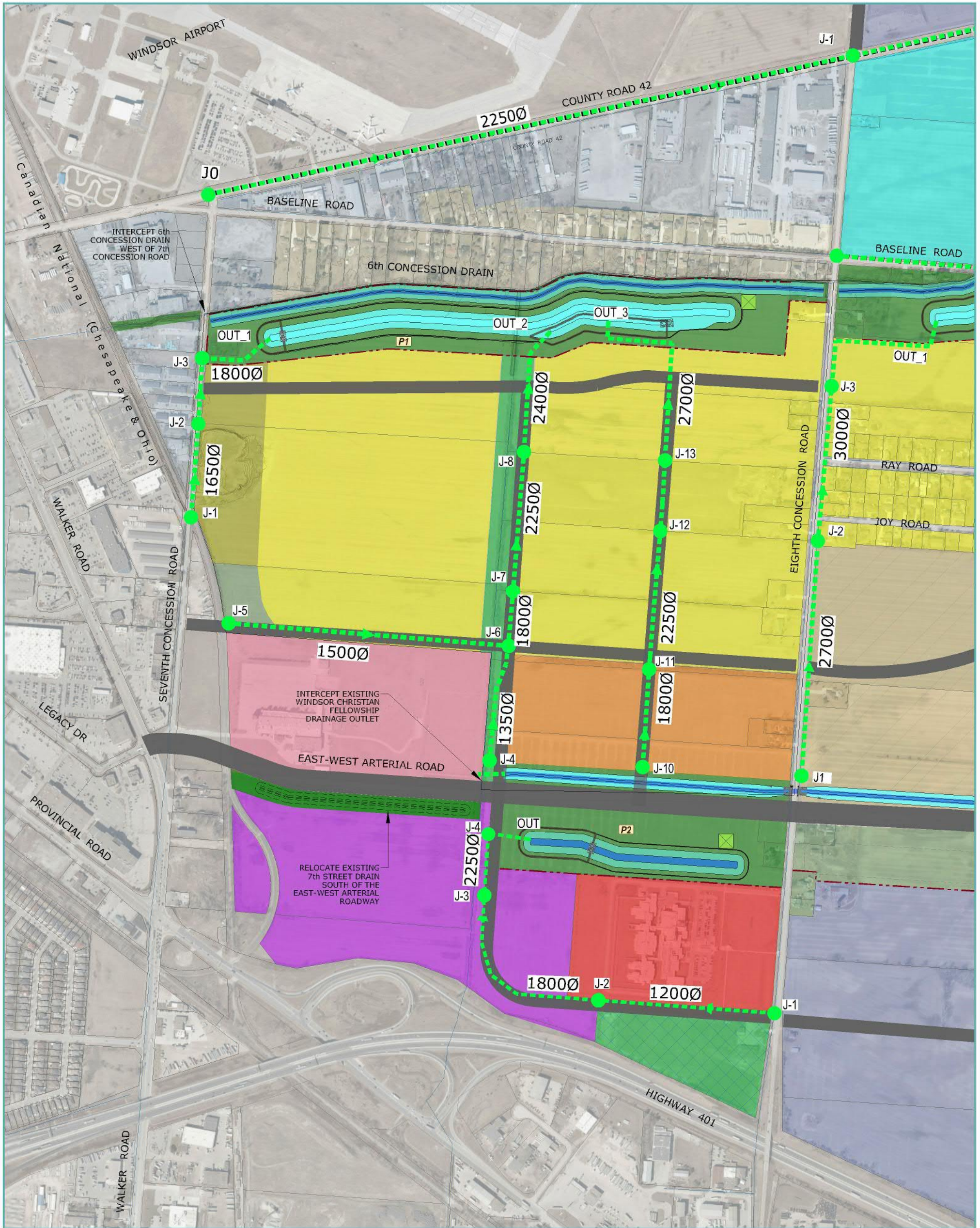
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**SANDWICH SOUTH MASTER SERVICING PLAN**

**STORMWATER MANAGEMENT STRATEGY**

**EAST PELTON SPA**

FIGURE A5-5

<p> TRUNK STORM SEWER</p> <p> PROPERTY ACQUISITION BOUNDARY</p> <p> FUTURE COLLECTOR AND ARTERIAL ROADS</p> <p> NATURAL HERITAGE</p> <p> EXISTING DRAINS</p> <p> 24000 STORM SEWER SIZE</p>	<p> OPEN SPACE / STORMWATER MANAGEMENT CORRIDOR (FUTURE)</p> <p> PROPOSED STORM SEWER DRAINAGE</p> <p> STORMWATER PUMP STATION</p> <p> STORMWATER MANAGEMENT POND- PERMANENT POOL</p> <p> STORMWATER MANAGEMENT POND - ACTIVE STORAGE</p> <p> MUNICIPAL DRAIN RELOCATION OR NEW DRAIN</p>	<p><b>LEGEND</b></p> <p> Low Density Residential</p> <p> Medium Density Residential</p> <p> Business Park Type I</p> <p> Business Park Type II</p> <p> Major Institutional</p> <p> Existing Employment</p> <p> Existing Residential</p> <p> Private Recreation</p> <p> Minor Institutional</p> <p> Mixed Use</p> <p> Natural Heritage</p> <p> Neighbourhood Commercial</p> <p> Open Space/Park</p> <p> Commercial Centre</p> <p> SWM Corridor</p> <p> Airport Solar Farm</p> <p> Future Employment</p> <p> Future Urban</p>
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**MAP DRAWING INFORMATION:**  
 DATA PROVIDED BY CITY OF WINDSOR 2019, MNR 2019, TOWN OF TECUMSEH 2019, \*ESSEX REGION CONSERVATION AUTHORITY 2019, \*\*COUNTY OF ESSEX 2019  
 MAP CREATED BY: RBH  
 MAP CHECKED BY: LMH  
 MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N

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**DILLON CONSULTING**

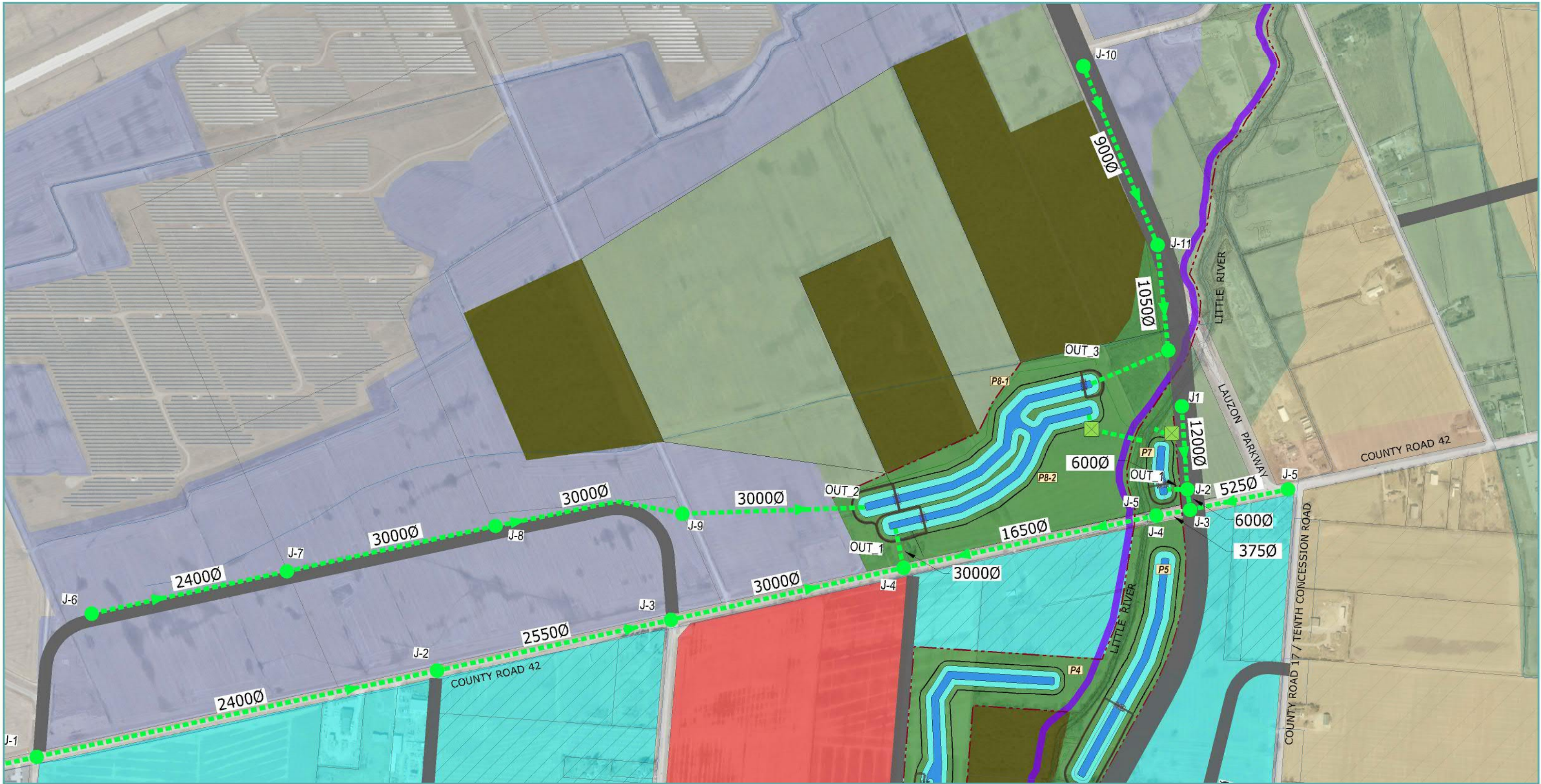
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 STATUS: FINAL  
 PROJECT: 19-9817

DATE: April 28, 2023









**SANDWICH SOUTH MASTER SERVICING PLAN**

**STORMWATER MANAGEMENT STRATEGY**

**LAUZON PARKWAY AND CR42 INTERSECTION**

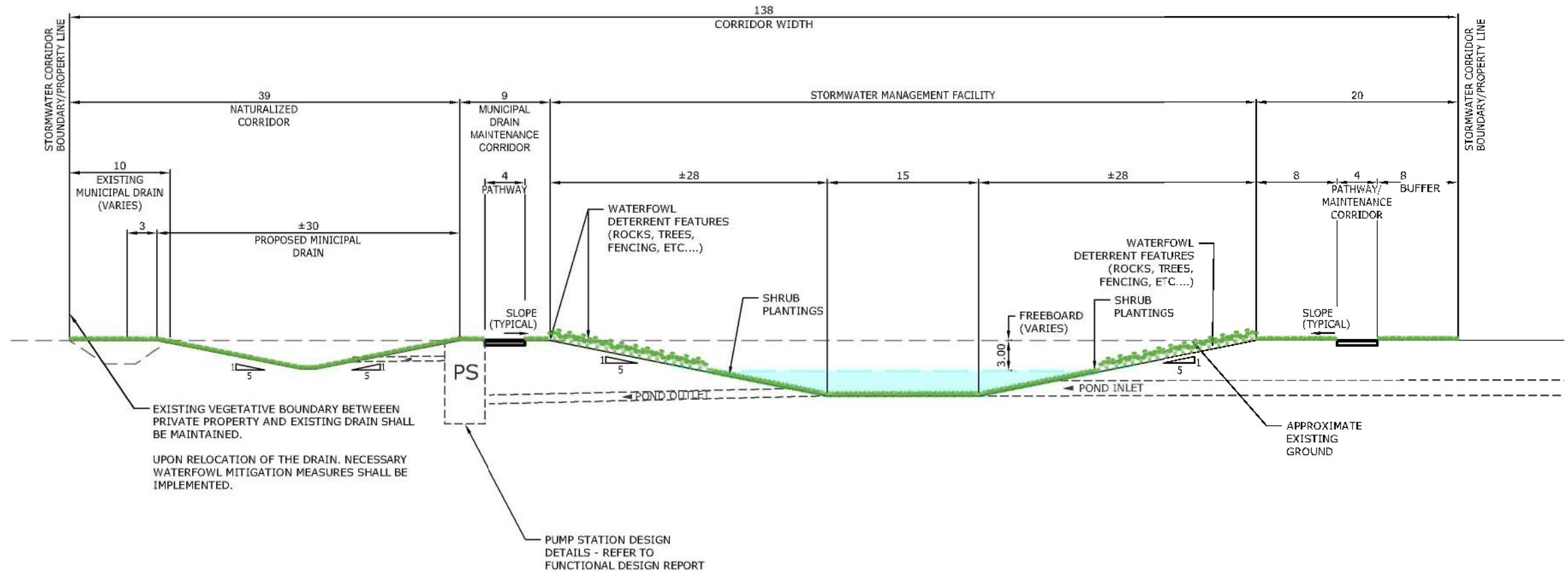
FIGURE A5-7

<p> TRUNK STORM SEWER</p> <p> EXISTING DRAINS</p> <p> PROPERTY ACQUISITION BOUNDARY</p> <p> 24000 STORM SEWER SIZE</p>	<p> FUTURE COLLECTOR AND ARTERIAL ROADS</p> <p> NATURAL HERITAGE</p> <p> OPEN SPACE / STORMWATER MANAGEMENT CORRIDOR</p> <p> PROPOSED STORM SEWER DRAINAGE ARROW</p>	<p> STORMWATER PUMP STATION</p> <p> STORMWATER MANAGEMENT POND - PERMANENT POOL</p> <p> STORMWATER MANAGEMENT POND - ACTIVE STORAGE</p> <p> MUNICIPAL DRAIN RELOCATION OR NEW DRAIN</p>	<p><b>LEGEND</b></p> <p> Low Density Residential</p> <p> Medium Density Residential</p> <p> Business Park Type I</p> <p> Business Park Type II</p> <p> Major Institutional</p> <p> Existing Employment</p> <p> Existing Residential</p> <p> Private Recreation</p> <p> Minor Institutional</p> <p> Mixed Use</p> <p> Natural Heritage</p> <p> Neighbourhood Commercial</p> <p> Open Space/Park</p> <p> Commercial Centre</p> <p> SWM Corridor</p> <p> Airport Solar Farm</p> <p> Future Employment</p> <p> Future Urban</p>
--	--	---	---



NORTH

SOUTH



### EAST PELTON NORTH (P1)



SANDWICH SOUTH MASTER SERVICING PLAN

STORMWATER MANAGEMENT POND - ACTIVE STORAGE

P1-STORMWATER MANAGEMENT CORRIDOR (DRY POND) FIGURE A5-8



MAP DRAWING INFORMATION:  
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 MAP CHECKED BY: LMH  
 MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N

\*DEM - CGVD28-78 DEM SURFACE DERIVED BY ERCA BASED ON MNRF LIDAR - DIGITAL TERRAIN MODEL (2016-18). COPYRIGHT ERCA, 2019. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO. (WWW.ONTARIO.CA/PAGE/OPEN-GOVERNMENT-LICENCE-ONTARIO)  
 \*\*2019 IMAGERY - THE DIGITAL MAP LAYERS HAVE BEEN USED WITH EXPRESS PERMISSION OF THE CORPORATION OF THE COUNTY OF ESSEX

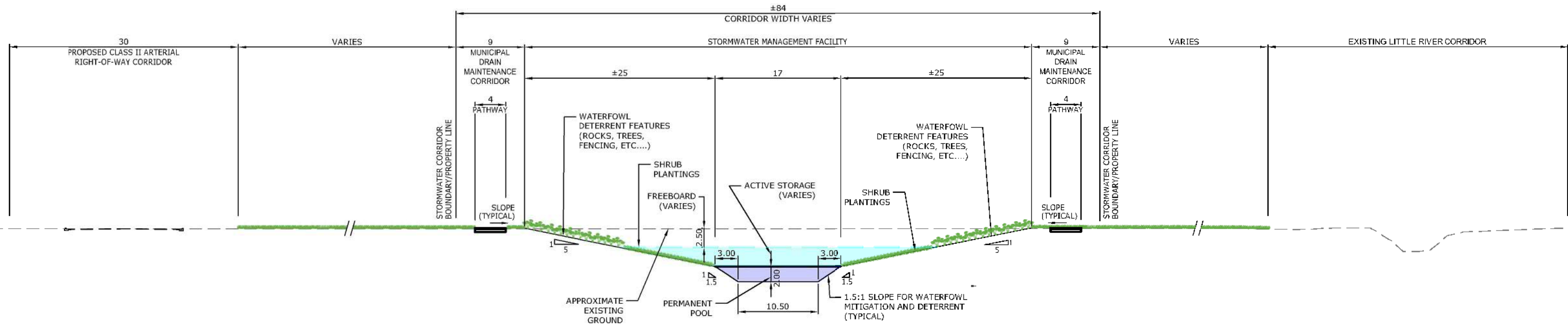


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WEST

EAST



CR42SPA NW (P4)



SANDWICH SOUTH MASTER SERVICING PLAN

- STORMWATER MANAGEMENT POND- PERMANENT POOL
- STORMWATER MANAGEMENT POND - ACTIVE STORAGE

STORMWATER MANAGEMENT CORRIDOR  
WITH OFFLINE FOREBAY  
FIGURE A5-9



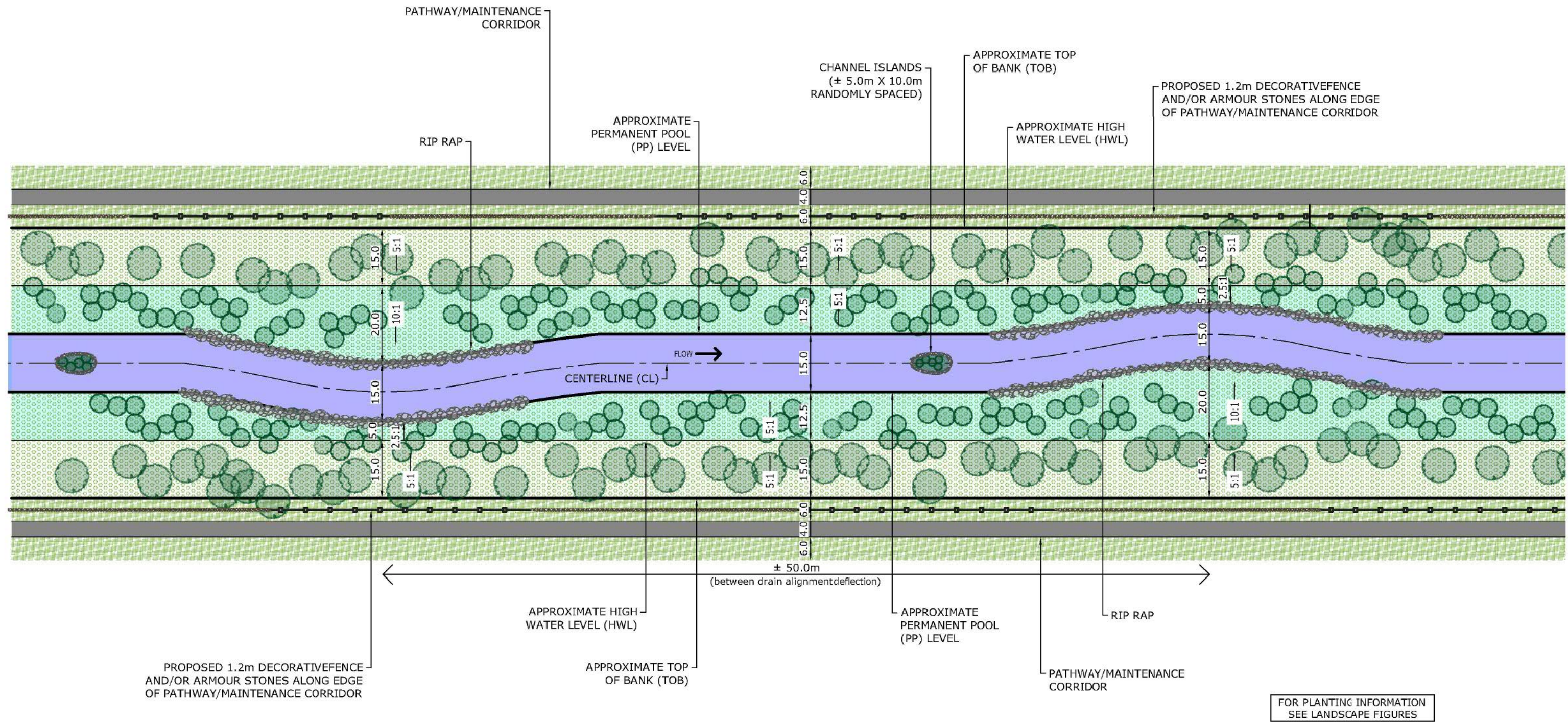
MAP DRAWING INFORMATION:  
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MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N

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**WATERFOWL MITIGATION  
TYPICAL POND SEGMENT**

FOR PLANTING INFORMATION  
SEE LANDSCAPE FIGURES

  
SANDWICH SOUTH MASTER SERVICING PLAN

-  PERMANENT POOL (PP)
-  WATERFOWL DETERRENT GRASSES
-  PROPOSED FENCE
-  PROPOSED DECIDUOUS TREES
-  FLOOD FRINGE AQUATIC PLANTINGS (HIGH WATER LEVEL (HWL) SIDE SLOPE)
-  ASPHALT PATHWAY, MAINTENANCE CORRIDOR
-  PROPOSED ARMOUR STONES
-  PROPOSED MULTI-STEM TREE
-  SHRUB/PERENNIAL BED (FREEBOARD SIDE SLOPE)
-  RIP RAP

CONCEPTUAL FOWL MITIGATION POND  
SEGMENT PLAN  
FIGURE A5-10



MAP DRAWING INFORMATION:  
DATA PROVIDED BY CITY OF WINDSOR 2019, MNR  
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CONSERVATION AUTHORITY 2019, \*\*\*COUNTY OF ESSEX  
MAP CREATED BY: DCR  
MAP CHECKED BY: LMH  
MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N

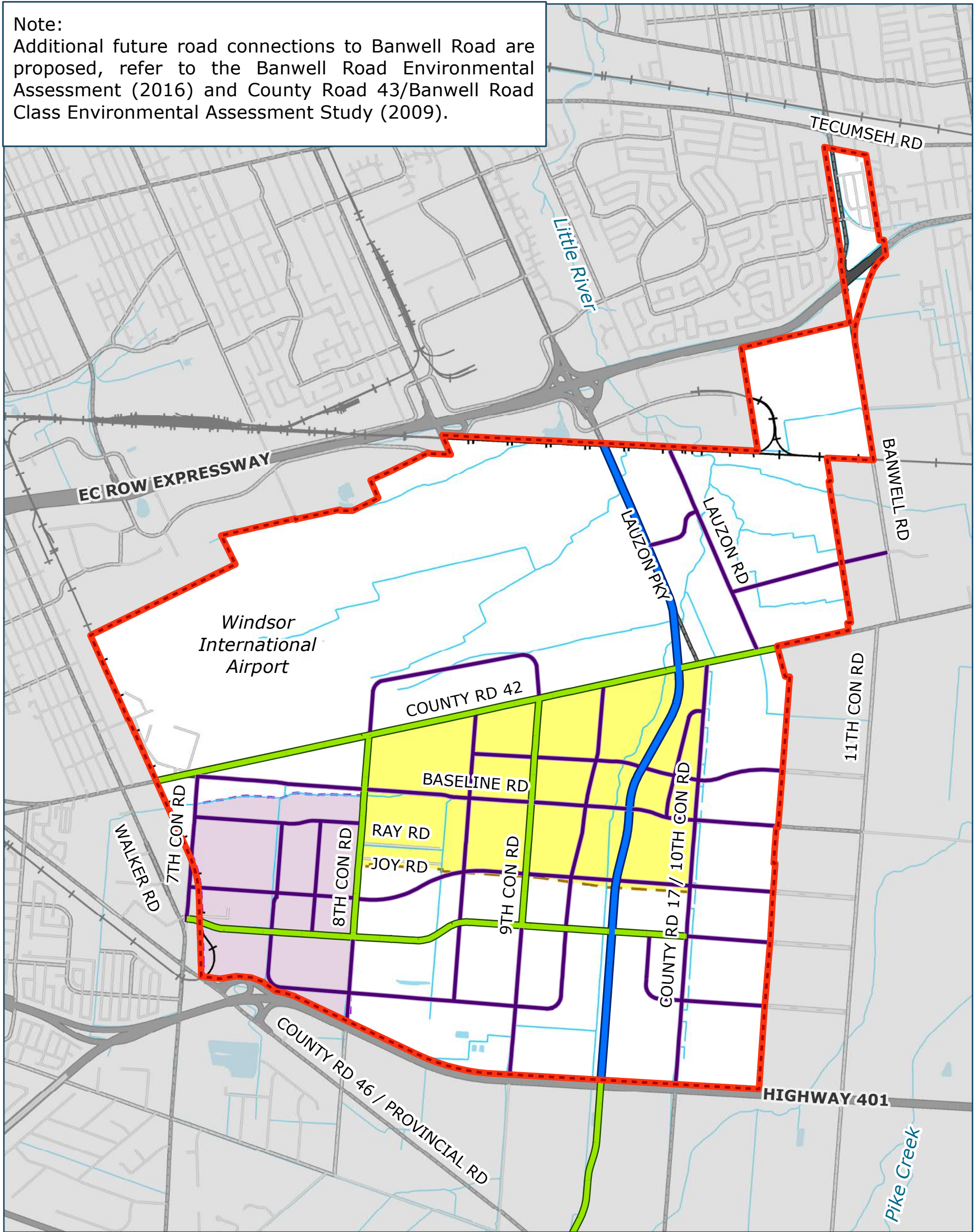
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Note:  
 Additional future road connections to Banwell Road are proposed, refer to the Banwell Road Environmental Assessment (2016) and County Road 43/Banwell Road Class Environmental Assessment Study (2009).



SANDWICH SOUTH  
 MASTER SERVICING PLAN

- Sandwich South Study Area
- County Road 42 Secondary Plan Area
- East Pelton Secondary Plan Area
- Six-Lane Urban Roadway
- Four-Lane Urban Roadway
- Two-Lane Urban Roadway
- Railway
- Municipal Drain / Watercourse
- Waterbody

**ULTIMATE ROAD NETWORK**

FIGURE A5-11

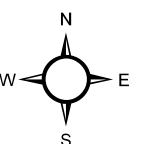
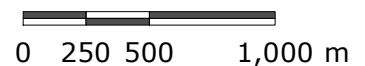


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 MAP CHECKED BY: SM  
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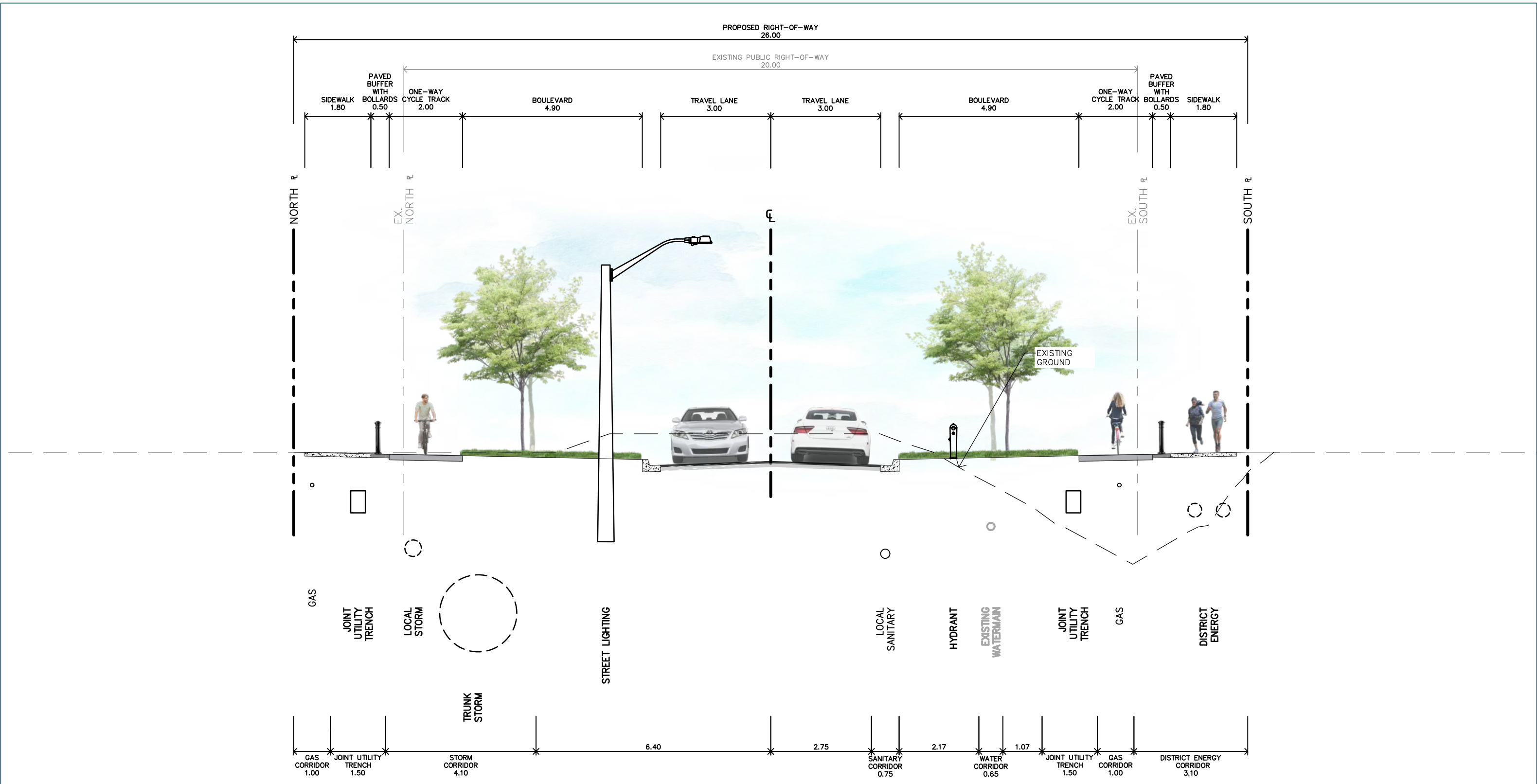
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SANDWICH SOUTH MASTER SERVICING PLAN

**CONCEPTUAL ROAD CROSS SECTION  
BASELINE ROAD**  
EIGHTH CONCESSION ROAD TO LAUZON PARKWAY  
(CYCLE TRACKS & SIDEWALKS)

FIGURE A5-12



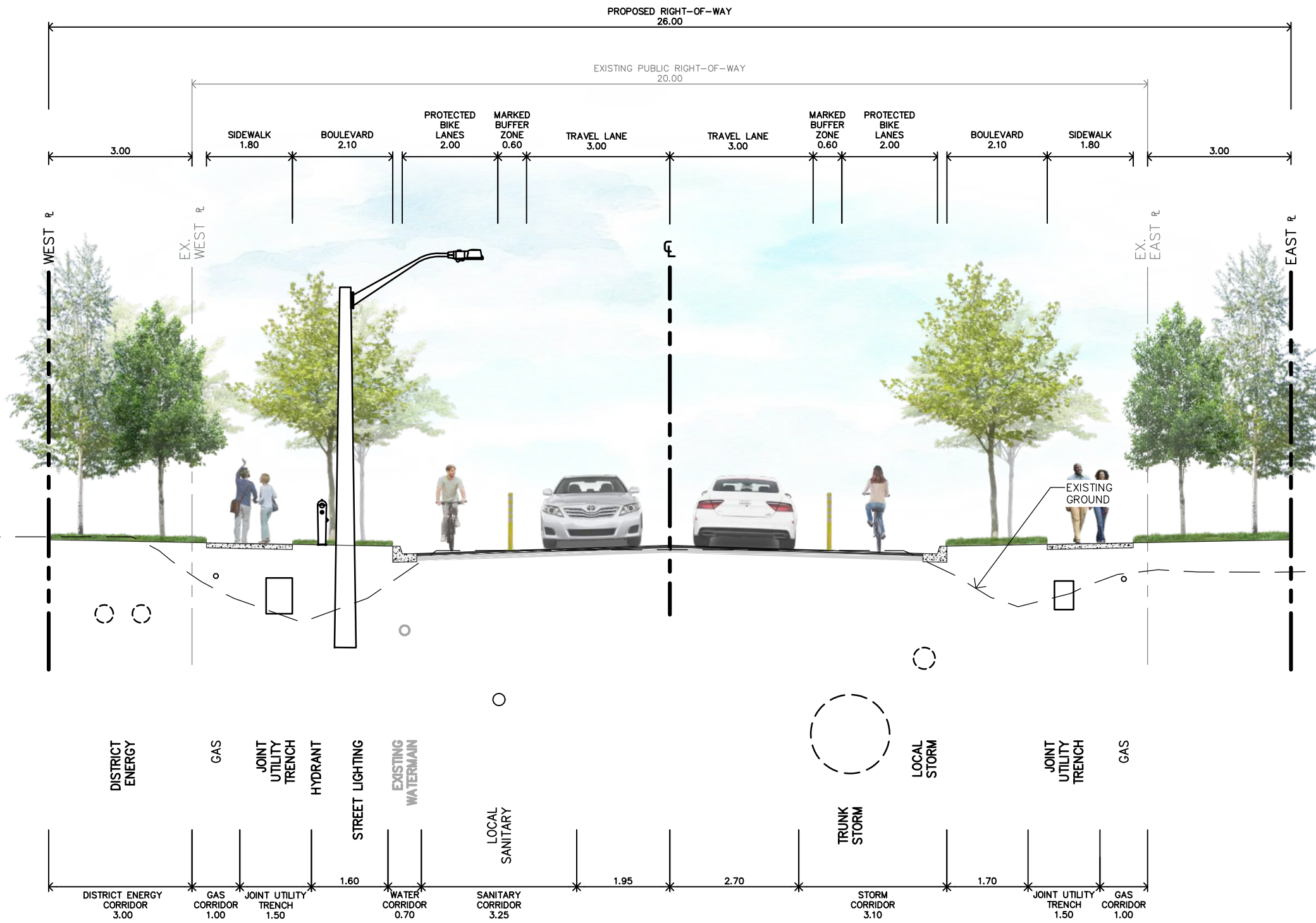
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SANDWICH SOUTH MASTER SERVICING PLAN

**CONCEPTUAL ROAD CROSS SECTION**  
**7th CONCESSION ROAD**  
(WITH PROTECTED BIKE LANES & SIDEWALKS)

FIGURE A5-13



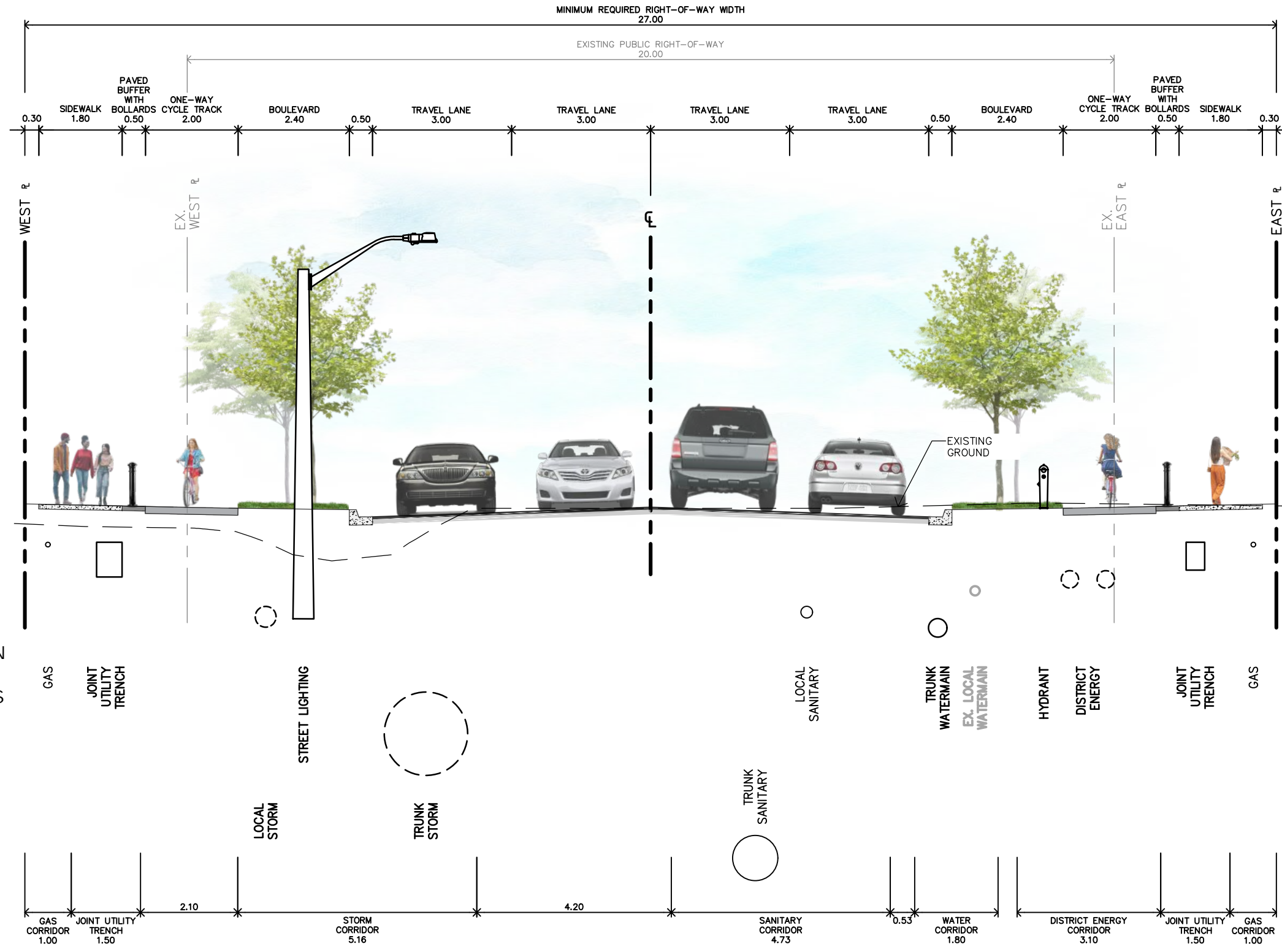
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SANDWICH SOUTH MASTER SERVICING PLAN

**CONCEPTUAL ROAD CROSS SECTION**  
**8th CONCESSION ROAD**  
 (CYCLE TRACKS & SIDEWALKS)

FIGURE A5-14



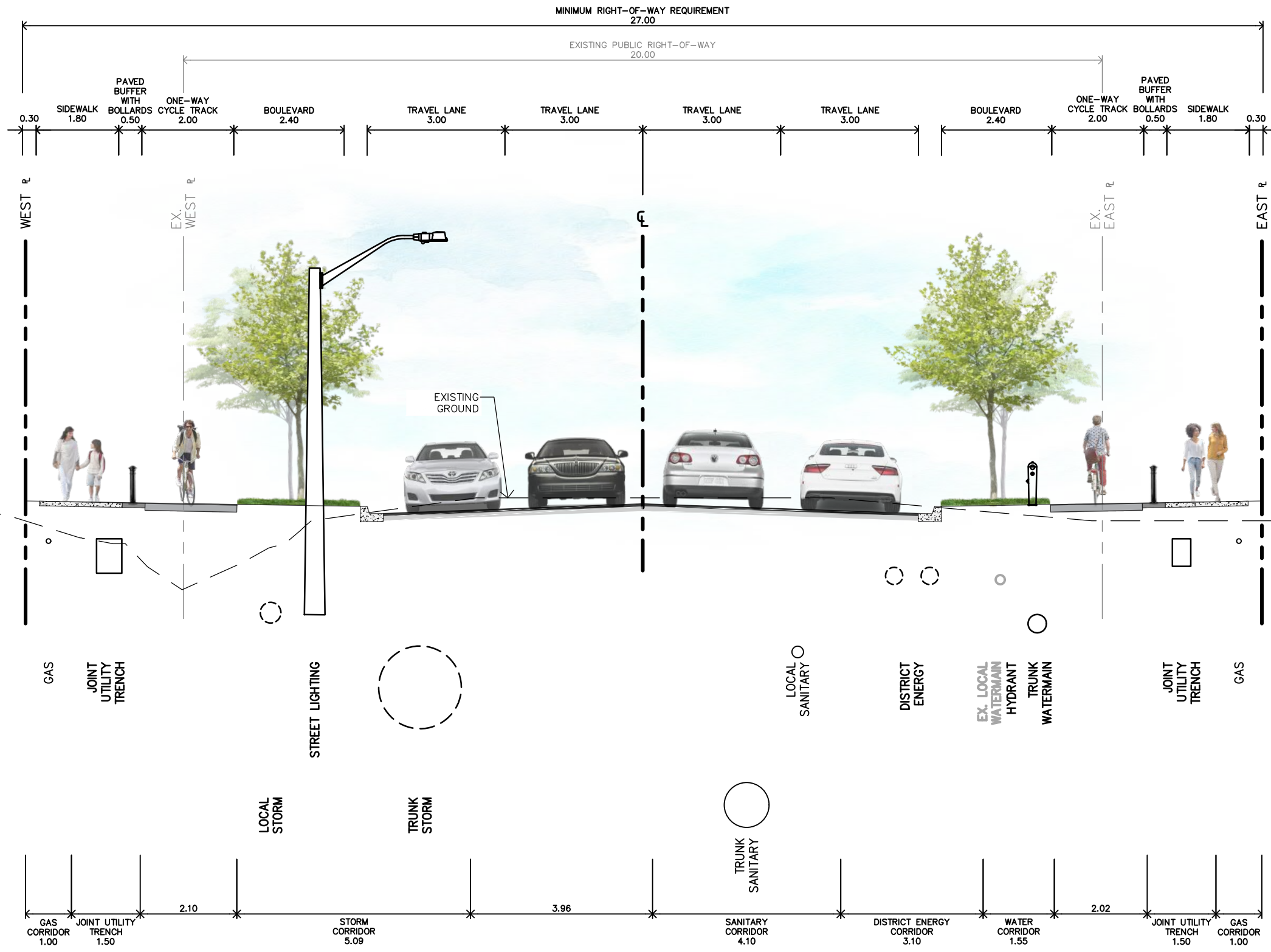
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NOTE:  
 THE SSMSP TRANSPORTATION ANALYSIS (2023) NOTES THAT A TWO LANE CROSS SECTION ALONG 8th AND 9th CONCESSION WILL BE SUFFICIENT TO ACCOMODATE TRAFFIC DEMANDS RESULTING IN FULL BUILD OUT OF THE SSMSP AREA. THE NEED FOR TWO ADDITIONAL TRAVEL LANES SHALL BE EVALUATED AS DEVELOPMENT OCCURS WITHIN THIS AREA.  
 IT IS RECOMMENDED THAT THE LAND REQUIRED TO WIDEN THE EXISTING RIGHT OF WAY TO 26.0m SHALL BE RESERVED FOR FUTURE ROADWORKS.

**SANDWICH SOUTH MASTER SERVICING PLAN**

**CONCEPTUAL ROAD CROSS SECTION  
 9th CONCESSION ROAD  
 (CYCLE TRACKS & SIDEWALKS)**  
 FIGURE A5-15



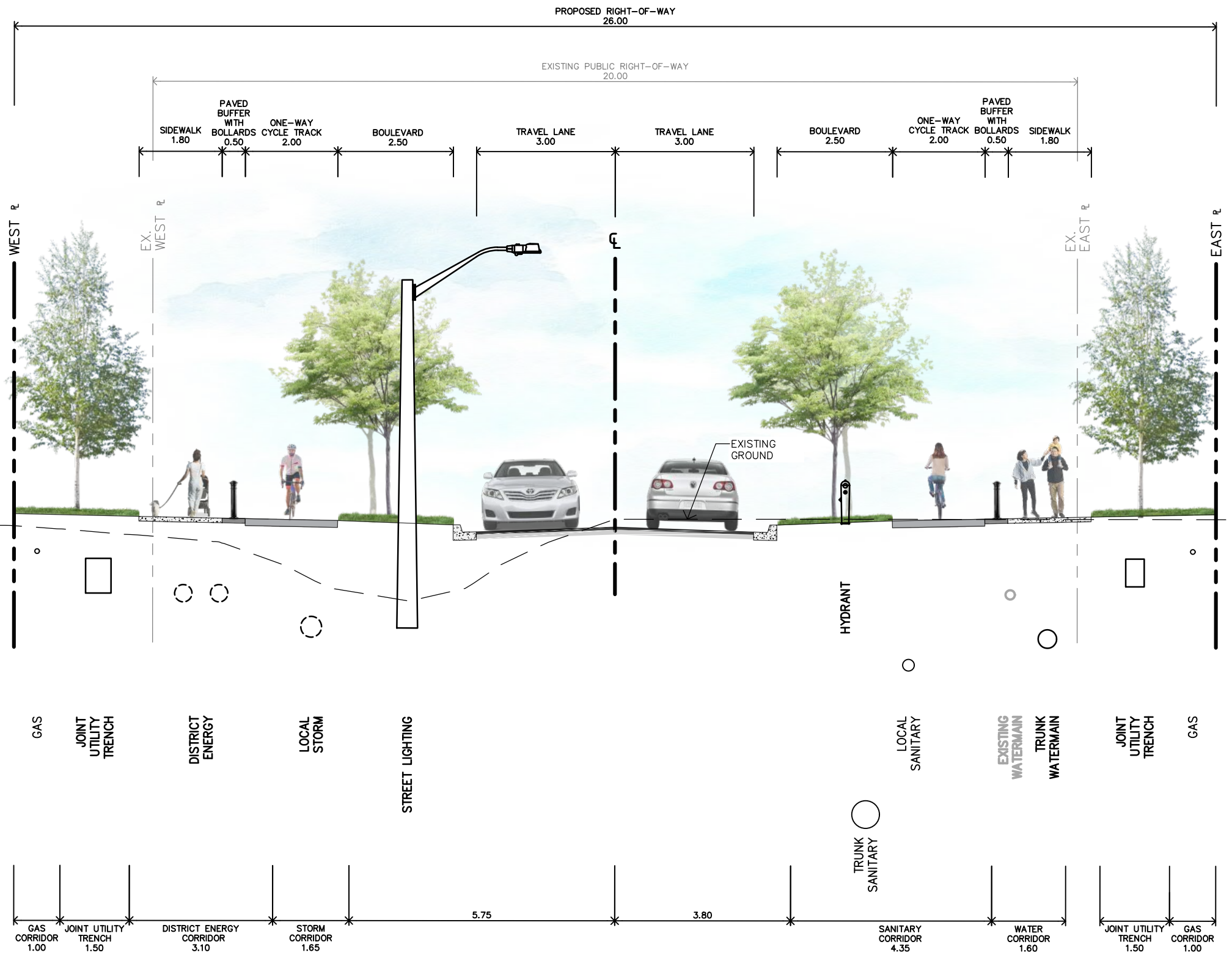
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SANDWICH SOUTH MASTER SERVICING PLAN

**CONCEPTUAL ROAD CROSS SECTION**  
**10th CONCESSION ROAD**  
 (CYCLE TRACKS & SIDEWALKS)

FIGURE A5-16



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SANDWICH SOUTH MASTER SERVICING PLAN

**CONCEPTUAL ROAD CROSS SECTION  
CLASS II URBAN COLLECTOR  
OPTION 01**  
(CYCLE TRACKS & SIDEWALKS)

FIGURE A5-17



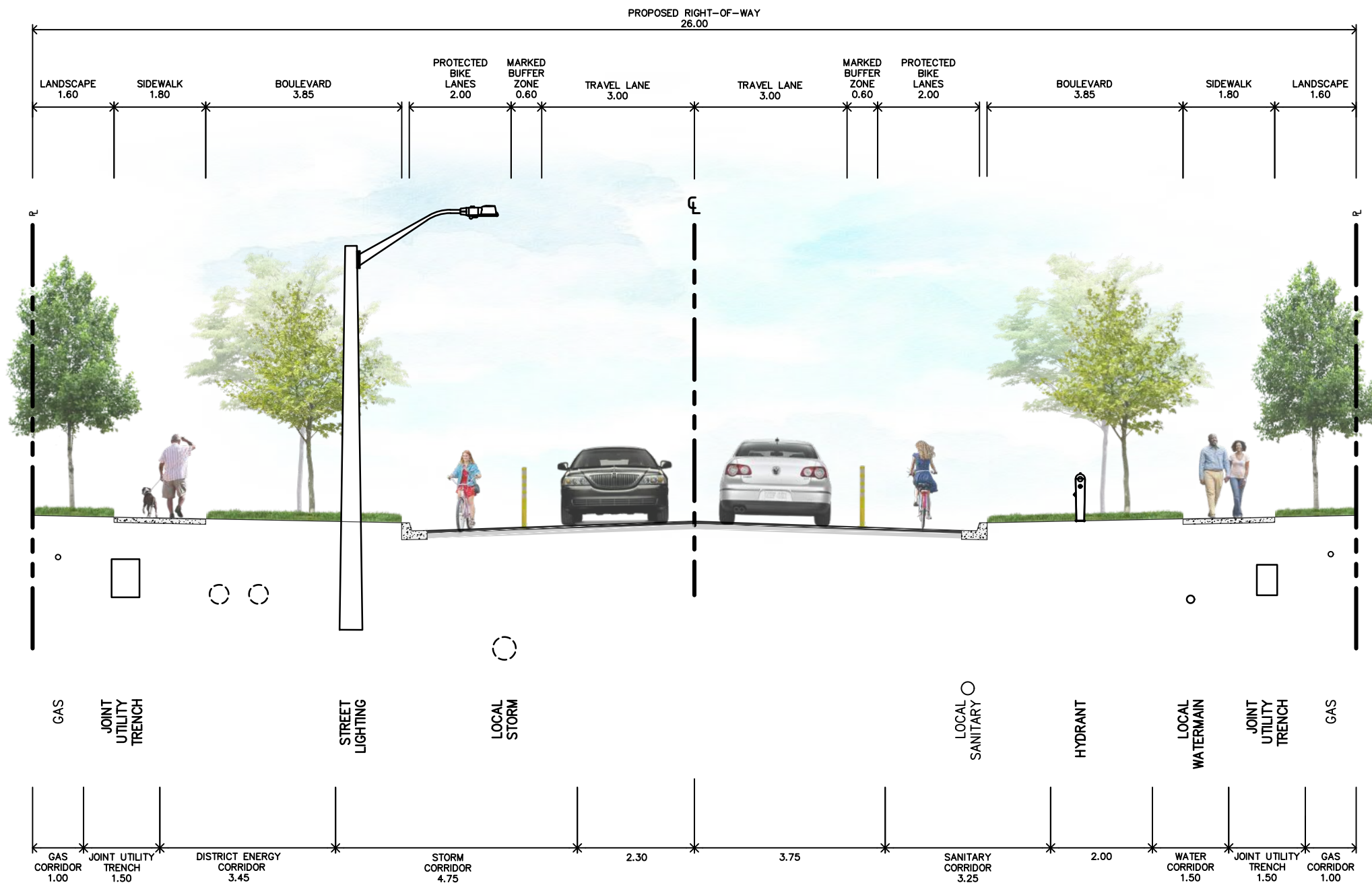
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SANDWICH SOUTH MASTER SERVICING PLAN

**CONCEPTUAL ROAD CROSS SECTION  
CLASS II URBAN COLLECTOR  
OPTION 02**  
(PROTECTED BIKE LANES & SIDEWALKS)

FIGURE A5-18



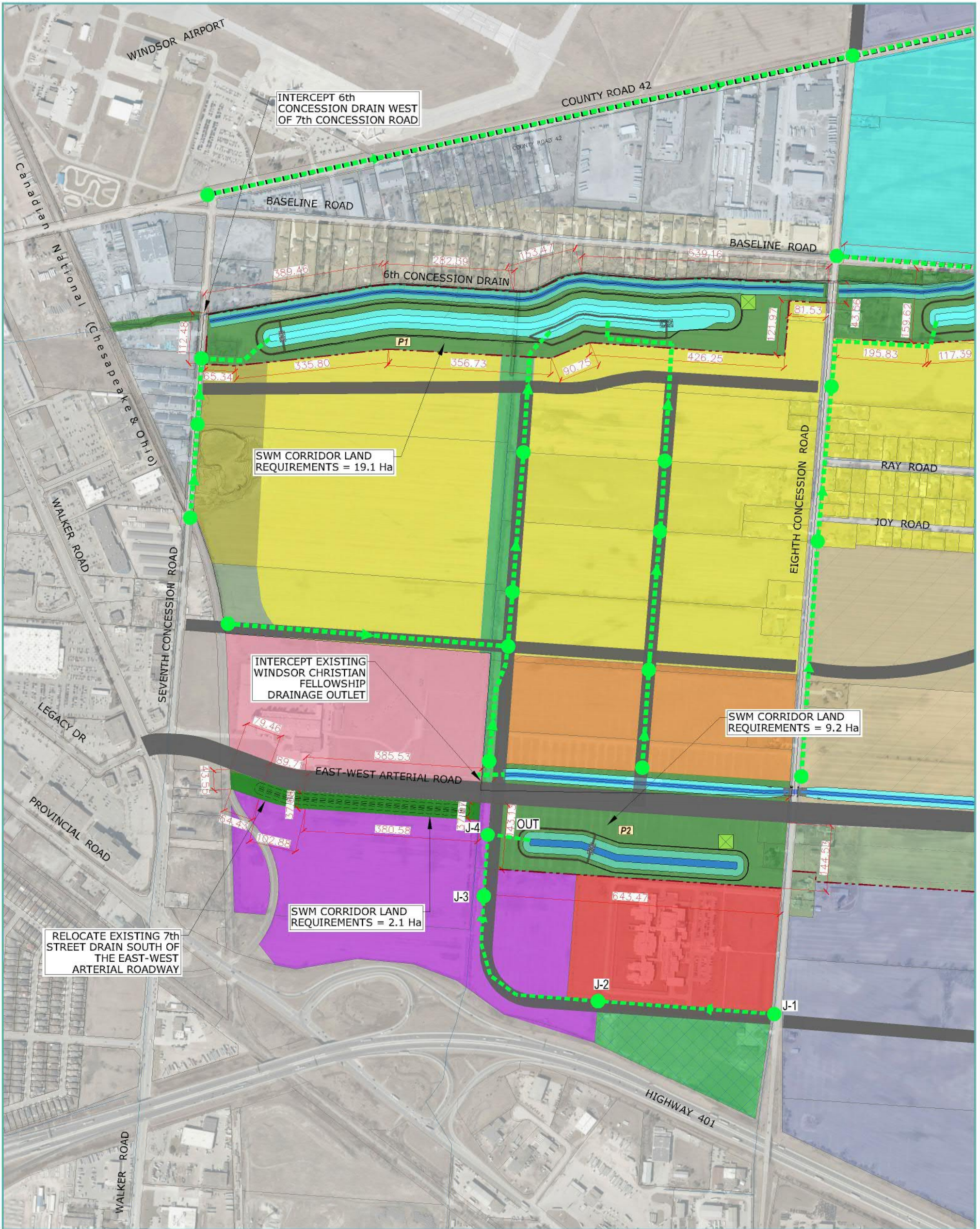
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**SANDWICH SOUTH MASTER SERVICING PLAN**

**STORMWATER CORRIDOR PROPERTY REQUIREMENTS**

FIGURE A6-1

- |                                     |  |                       |                            |                   |
|-------------------------------------|--|-----------------------|----------------------------|-------------------|
| TRUNK STORM SEWER                   | OPEN SPACE / STORMWATER MANAGEMENT CORRIDOR (FUTURE) | <b>LEGEND</b>         | Low Density Residential    | Mixed Use         |
| PROPERTY ACQUISITION BOUNDARY       | PROPOSED STORM SEWER DRAINAGE                        |                       | Medium Density Residential | Natural Heritage  |
| FUTURE COLLECTOR AND ARTERIAL ROADS | STORMWATER PUMP STATION                              | Business Park Type I  | Neighbourhood Commercial   | Open Space/Park   |
| NATURAL HERITAGE                    | STORMWATER MANAGEMENT POND- PERMANENT POOL           | Business Park Type II | Commercial Centre          | SWM Corridor      |
| EXISTING DRAINS                     | STORMWATER MANAGEMENT POND - ACTIVE STORAGE          | Major Institutional   | Airport Solar Farm         | Future Employment |
| 24000 STORM SEWER SIZE              | MUNICIPAL DRAIN RELOCATION OR NEW DRAIN              | Existing Residential  | Future Urban               |                   |
|                                     |  | Private Recreation    |                            |                   |
|                                     |  | Minor Institutional   |                            |                   |

THE CITY OF WINDSOR  
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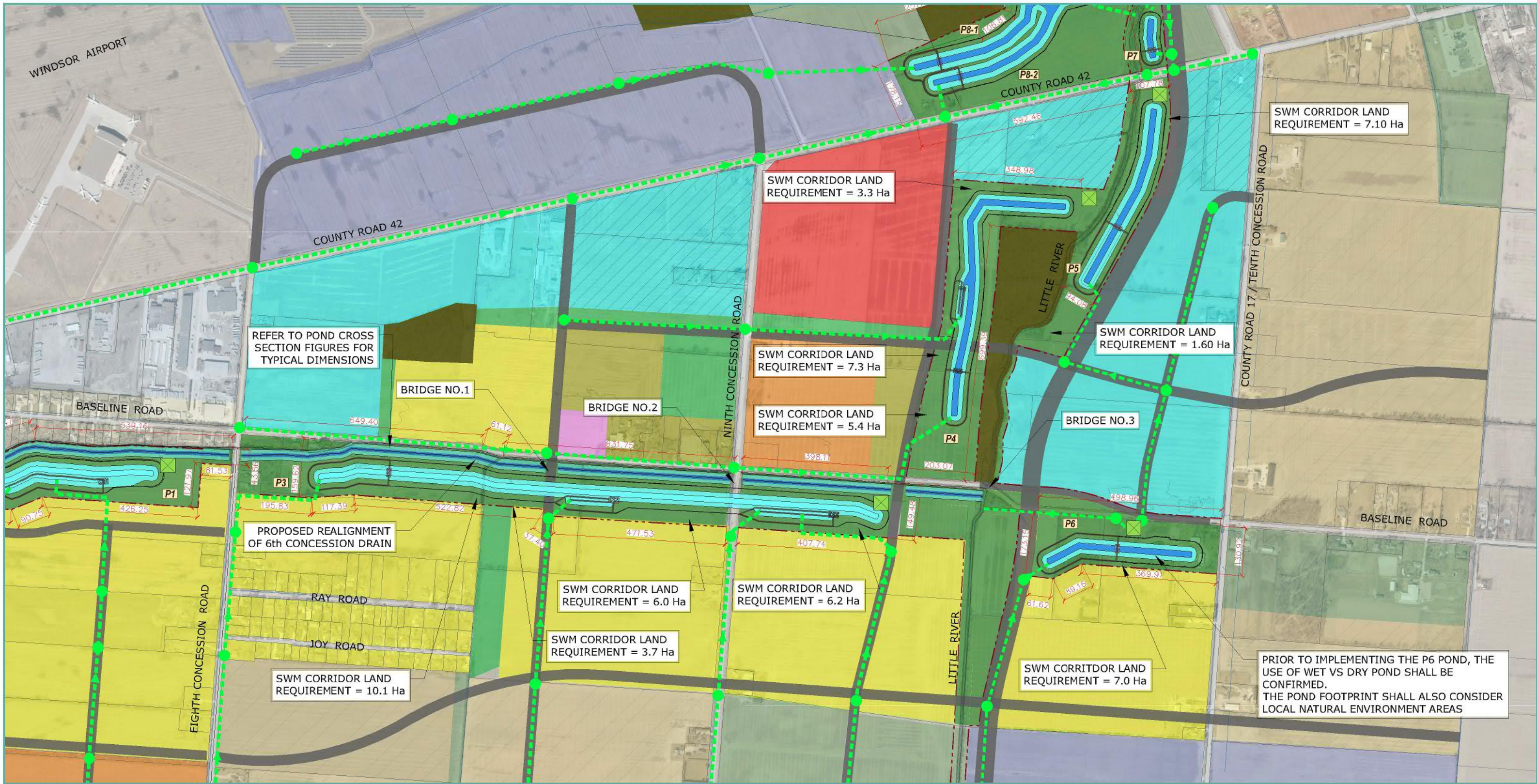
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SCALE: 1:4000  
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PROJECT: 19-9817

DATE: May 08, 2023



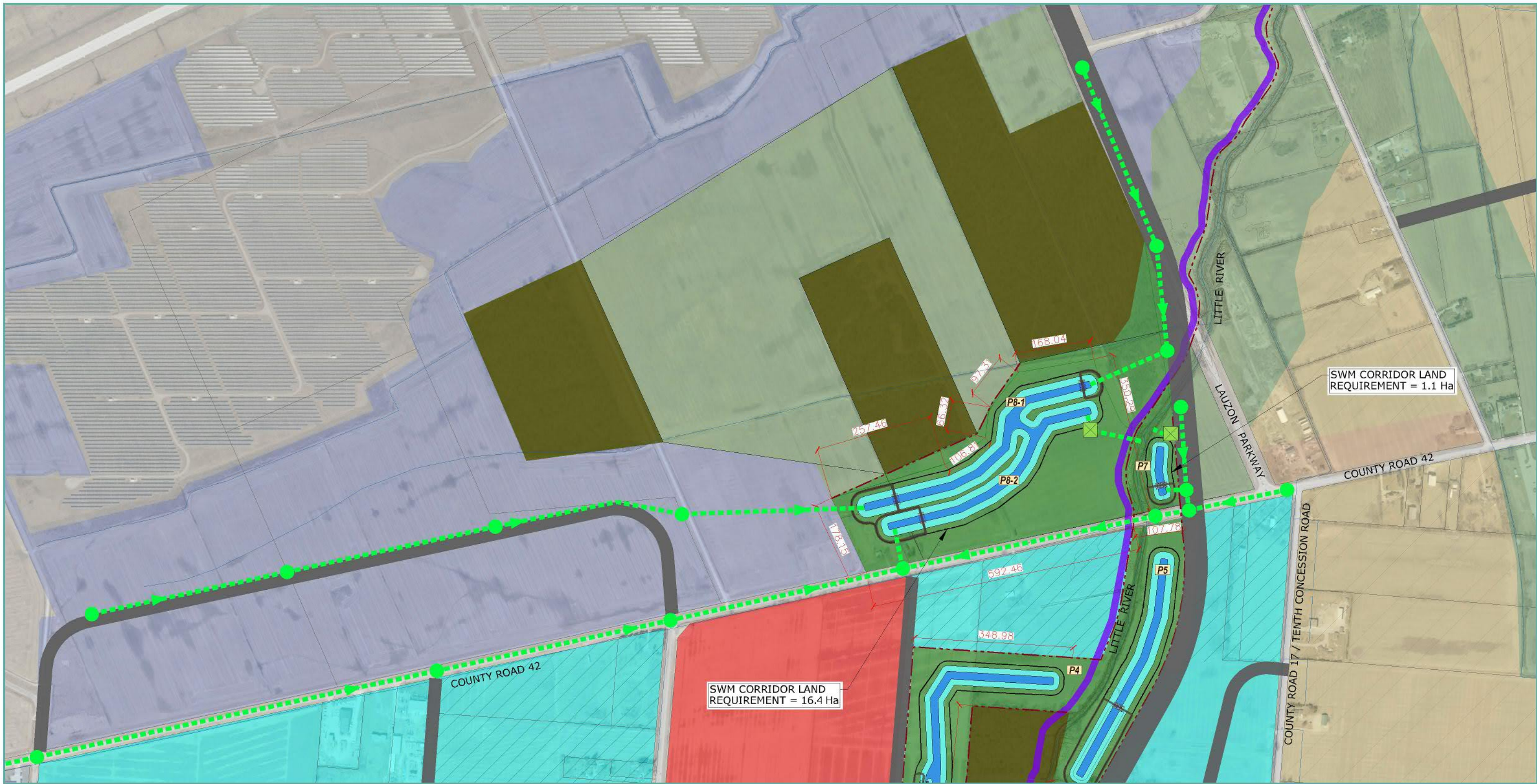


**SANDWICH SOUTH MASTER SERVICING PLAN**  
**STORMWATER MANAGEMENT STRATEGY**  
**CORRIDOR PROPERTY REQUIREMENTS**  
**FIGURE A6-2**

TRUNK STORM SEWER	FUTURE COLLECTOR AND ARTERIAL ROADS	STORMWATER PUMP STATION	<b>LEGEND</b>	Major Institutional	Open Space/Park
EXISTING DRAINS	NATURAL HERITAGE	STORMWATER MANAGEMENT POND - PERMANENT POOL		Existing Employment	Commercial Centre
PROPERTY ACQUISITION BOUNDARY	OPEN SPACE / STORMWATER MANAGEMENT CORRIDOR	STORMWATER MANAGEMENT POND - ACTIVE STORAGE	Business Park Type I	Existing Residential	SWM Corridor
24000 STORM SEWER SIZE	PROPOSED STORM SEWER DRAINAGE ARROW	MUNICIPAL DRAIN RELOCATION OR NEW DRAIN	Business Park Type II	Private Recreation	Airport Solar Farm
			Minor Institutional	Mixed Use	Future Employment
			Natural Heritage	Neighbourhood Commercial	Future Urban

		MAP DRAWING INFORMATION: DATA PROVIDED BY CITY OF WINDSOR 2019, MNRF 2019, TOWN OF TECUMSEH 2019, *ESSEX REGION CONSERVATION AUTHORITY 2019, **COUNTY OF ESSEX	*DEM - CGVD28-78 DEM SURFACE DERIVED BY ERCA BASED ON MNRF LIDAR - DIGITAL TERRAIN MODEL (2016-18). COPYRIGHT ERCA, 2019. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO. (WWW.ONTARIO.CA/PAGE/OPEN-GOVERNMENT-LICENCE-ONTARIO)	
		MAP CREATED BY: RBH MAP CHECKED BY: LMH MAP COORDINATE SYSTEM: NAD 1983 CSRS UTM Zone 17N	**2019 IMAGERY - THE DIGITAL MAP LAYERS HAVE BEEN USED WITH EXPRESS PERMISSION OF THE CORPORATION OF THE COUNTY OF ESSEX	
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			PROJECT: 19-9817	DATE: May 08, 2023





SANDWICH SOUTH MASTER SERVICING PLAN

**STORMWATER MANAGEMENT STRATEGY**  
**CORRIDOR PROPERTY REQUIREMENTS**

FIGURE A6-3

- TRUNK STORM SEWER
- EXISTING DRAINS
- PROPERTY ACQUISITION BOUNDARY
- PROPOSED STORM SEWER DRAINAGE ARROW
- FUTURE COLLECTOR AND ARTERIAL ROADS
- NATURAL HERITAGE
- OPEN SPACE / STORMWATER MANAGEMENT CORRIDOR
- STORM SEWER SIZE

- STORMWATER PUMP STATION
- STORMWATER MANAGEMENT POND - PERMANENT POOL
- STORMWATER MANAGEMENT POND - ACTIVE STORAGE
- MUNICIPAL DRAIN RELOCATION OR NEW DRAIN

**LEGEND**

- Low Density Residential
- Existing Employment
- Private Recreation
- Minor Institutional
- Mixed Use
- Natural Heritage
- Neighbourhood Commercial
- Medium Density Residential
- Existing Residential
- SWM Corridor
- Airport Solar Farm
- Future Urban



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 DATA PROVIDED BY CITY OF WINDSOR 2019, MNRF 2019,  
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 MAP CHECKED BY: LMH  
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