



- Master Plan - Re-align Bruce Road 33 to Intersect Bruce Road 25 at Future Bruce Street Location and Construct a New Storm Sewer on Bruce Road 25 to a New Outlet at Lake Huron**
- The Master Plan recommends that a new roadway be constructed to re-align BR33 to intersect BR25 at the future Bruce Street location. The intersection would be signalized with dedicated left turn lanes on each leg of the intersecting roads.
 - BR25 would be upgraded to a four lane urban road section from Goderich Street to the future Bruce Street location, with an additional dedicated eastbound lane and left turn lane at Goderich Street. BR25 west of the intersection with the future Bruce Street would be a four lane road section, tapering to a two lane urban section to Sauguen Beach Road.
 - A multi purpose trail/active transportation route (ATR) is to be included on the north side of BR25, from Goderich Street to Sauguen Beach Road.
 - The Master Plan recommends the extension of a BR25 storm sewer system, to convey the 1:100 year design flow from the Goderich Street intersection, to the top of the bluff west of the Lake Range Road intersection.
 - A storm sewer, sized to convey the 1:5 year design flow, is recommended to be extended westerly from Lake Range Road to a new outlet at Lake Huron, in-line with BR25.
 - Flows in storm sewer may surcharge to watercourse west of Shipley Avenue to maintain "flushing flows" as per Fish Habitat and Aquatic Impact Assessment (2010). Flows in excess of the storm sewer capacity would surcharge to the road surface on BR25, draining westerly to the existing watercourse outlet west of Shipley Avenue.
 - A storm sewer system, designed to convey the 1:5 year design flows, is recommended within the Baker Subdivision. The system would maintain the existing outlet in-line with Baker Road, with a second, new outlet at the boat launch, in-line with George Street. These storm sewer systems are recommended to be installed at the same time as the planned sanitary sewer system.
 - A new 4-way intersection at Baker Road and Lake Range Road would be necessary with an easterly road extension to intersect with the new BR33 alignment.
 - BR25 west of Bruce Street would be divested from the County to the Town, BR33 south of BR25 to Lot 27 would be divested from the County to the town.
 - Basic ditching improvements, to improve drainage along BR33 to the Gore Drain, are recommended for the Master Plan.

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MASTER PLAN OF ALTERNATIVE SOLUTIONS FOR DRAINAGE
COUNTY OF BRUCE
TOWN OF SAUGUEN SHORES
BRUCE ROADS 25 AND 33

MASTER PLAN

DESIGNED BY: R.B.	APPROVED BY: J.B.S.	PROJECT NO.: M-1992	DRAWING NO.: MP
DRAWN BY: A.C.W./J.B.S.	CHECKED BY: J.B.S.	DATE: JULY 2019	SCALE: 1:2,000