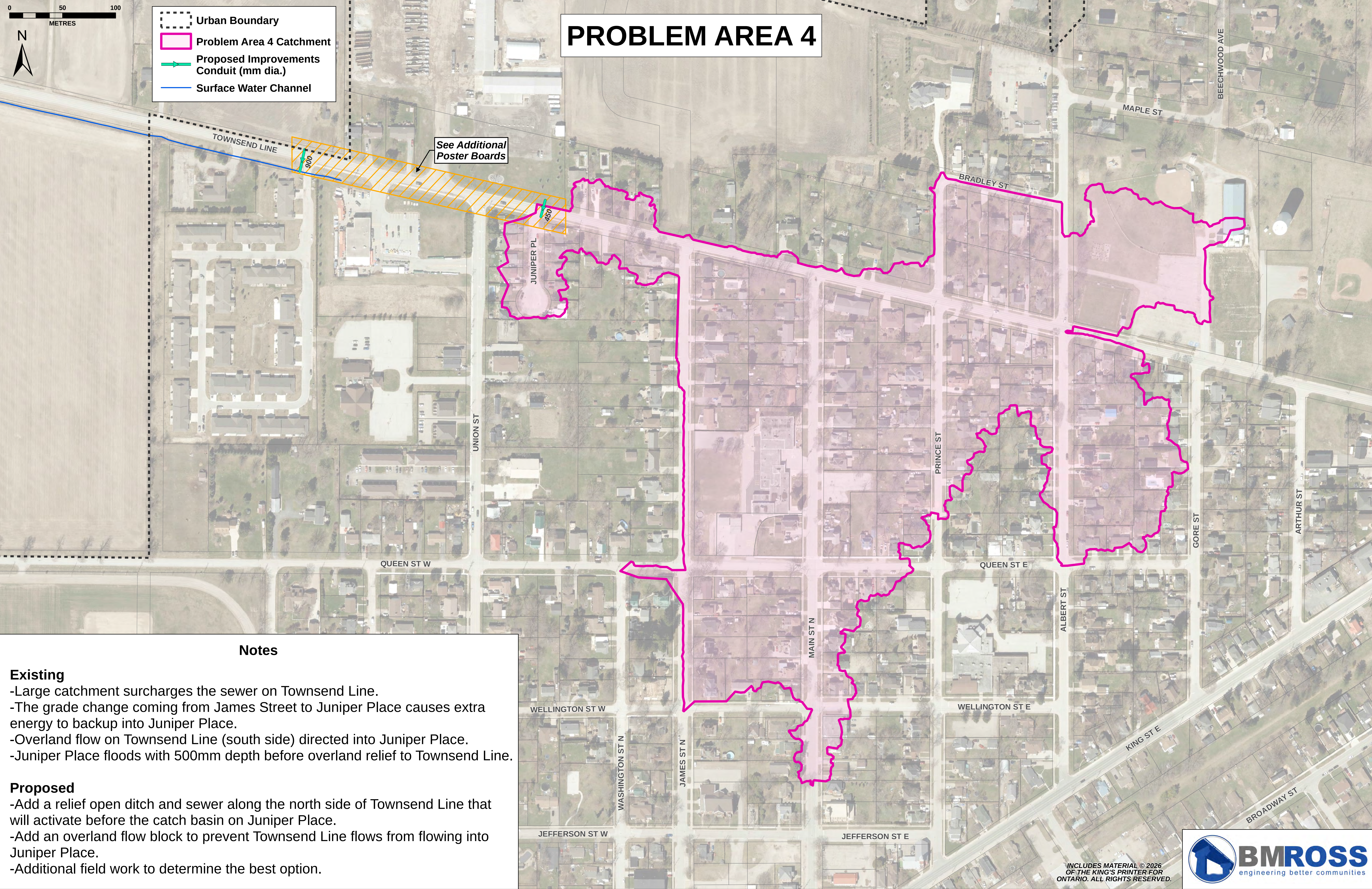




- Urban Boundary
- Problem Area 4 Catchment
- Proposed Improvements Conduit (mm dia.)
- Surface Water Channel

PROBLEM AREA 4



Notes

- Existing**
- Large catchment surcharges the sewer on Townsend Line.
 - The grade change coming from James Street to Juniper Place causes extra energy to backup into Juniper Place.
 - Overland flow on Townsend Line (south side) directed into Juniper Place.
 - Juniper Place floods with 500mm depth before overland relief to Townsend Line.
- Proposed**
- Add a relief open ditch and sewer along the north side of Townsend Line that will activate before the catch basin on Juniper Place.
 - Add an overland flow block to prevent Townsend Line flows from flowing into Juniper Place.
 - Additional field work to determine the best option.

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