

CLARK CREEK DRAIN



K. SMART ASSOCIATES LIMITED
CONSULTING ENGINEERS & PLANNERS

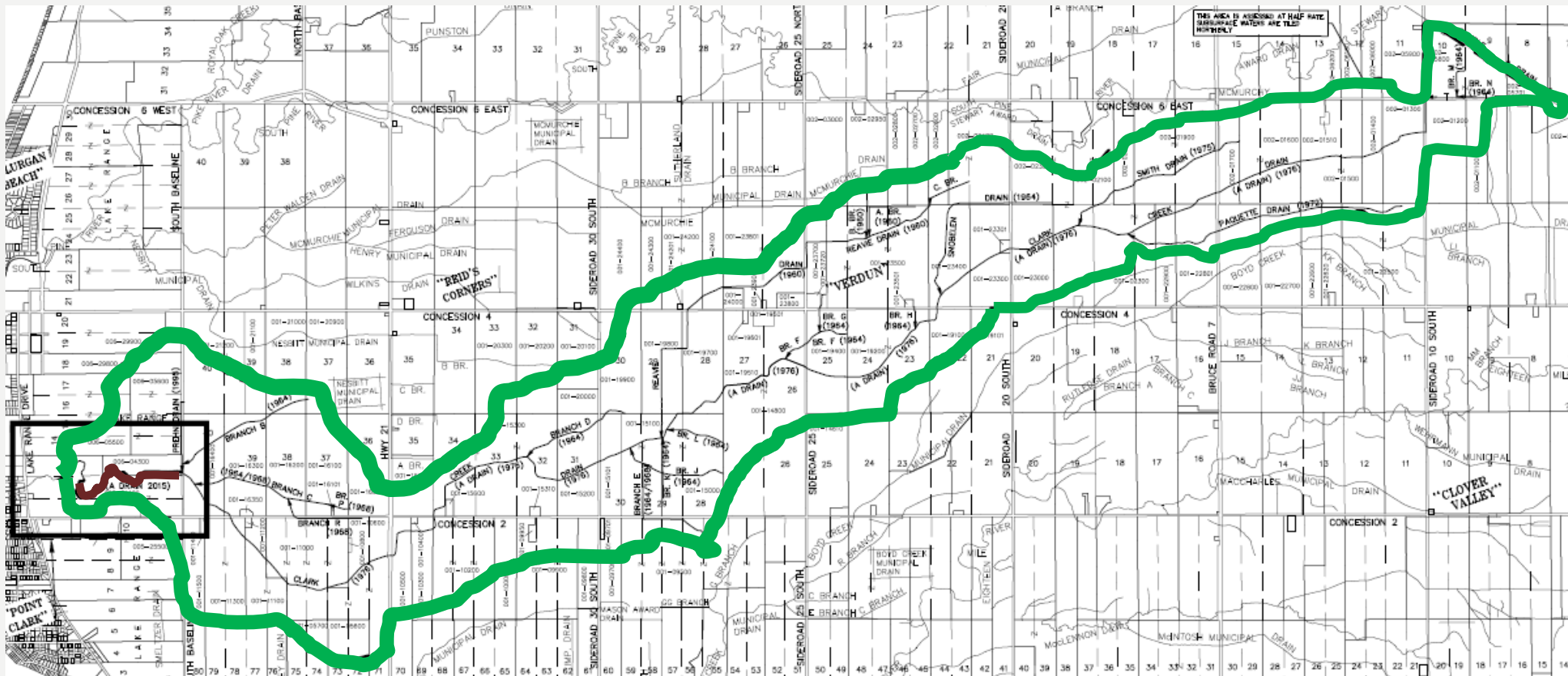




File No. 11-090
December 13, 2021

PROJECT BACKGROUND

- K. Smart was appointed in 2011 to prepare a Section 4 report to erosion problems along the ditch downstream of South Baseline Road.
 - 2 public meeting
 - The original report was submitted in December 2015
 - Due to DFO concerns the report was referred back to the engineer in February 2016
 - The proposed work was changed a natural channel design.
 - Martix Solution Inc. were the Fluvial Geomorphology
 - New design is project cost is \$527,150 (\$526,130 original estimate)
 - The existing weirs will remain in place
 - One new stone riffles and 5 future stone riffles are proposed to allow fish passage.
 - 358m of stone bank protection

WATERSHED PLAN



-  Ditch Excavation
-  Watershed Boundary

PROJECT DETAIL BREAKDOWN

- Total length of drain affected:
 - Main Drain 1,428 m
- Total watershed area affected:
 - Main Drain 2,400 ha
- Total estimated cost of the project (including Net HST): \$ 527,150
- Total estimated construction costs (excluding HST): \$ 298,600
- Estimate Future Construction work \$ 63,400
- Total estimated Allowances: \$ 15,400
- Total estimated Engineering costs (excluding HST): \$ 185,000
- Township of Huron-Kinloss assessment: \$ 16,478
- Total MTO and County Assessment: \$ 2,630
- Total landowners assessment: \$ 508,042
- Total landowners assessment: \$ 137,663
 - 114 parcels in the watershed

OBJECTIVE OF MEETING

- This meeting is to provide landowners and council the opportunity for questions to the engineer on aspects of the design (size and alignment of the drain, etc.).
- No assessment appeals will be considered at this meeting, but will be heard by the Court of Revision (later date to be determined).

COUNCIL ACTIONS

- Council can refer the report back to the engineer to make changes or
- Council can give first and second reading to the by-law and set a date for the Court of Revision

THANK YOU QUESTIONS

