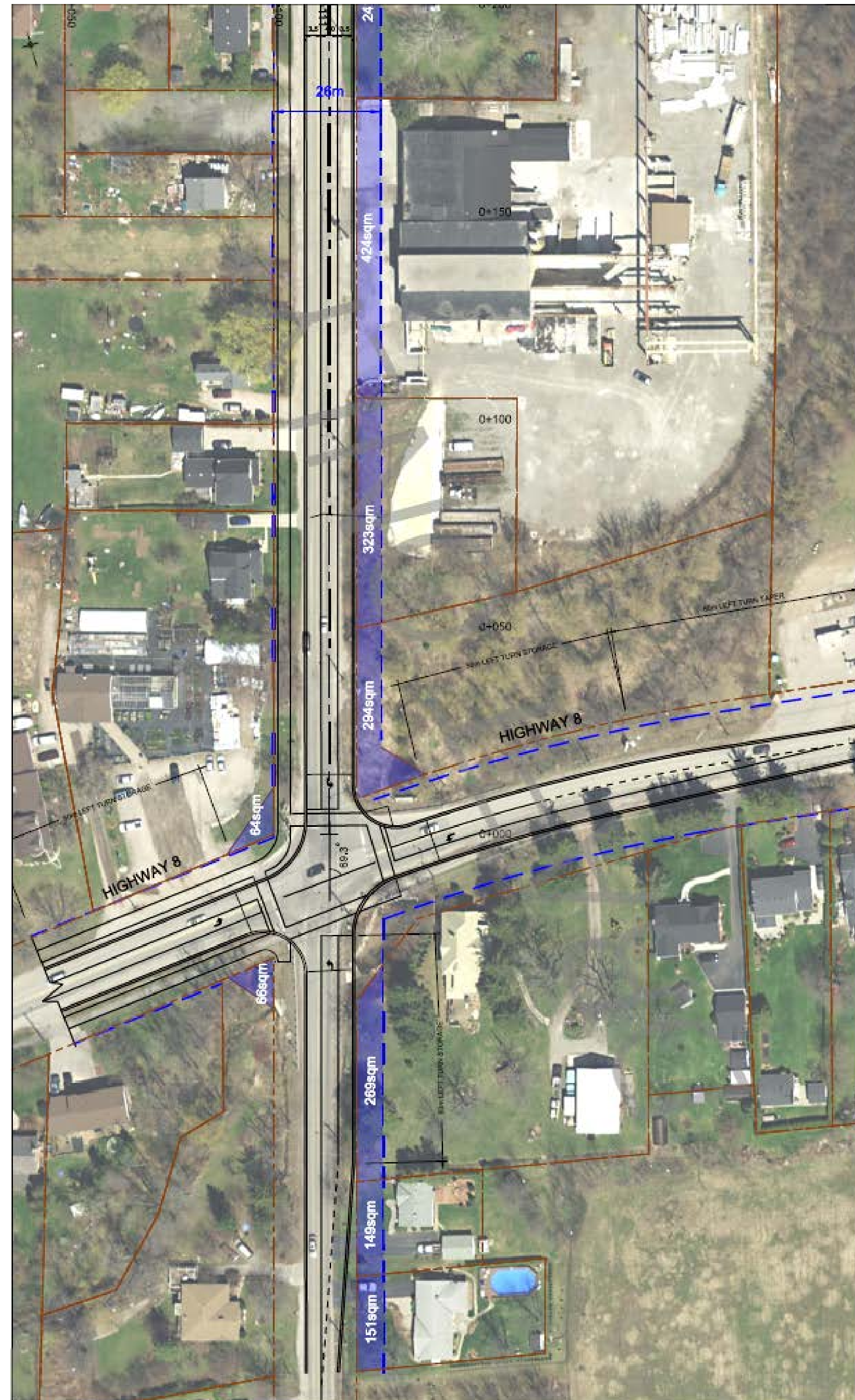
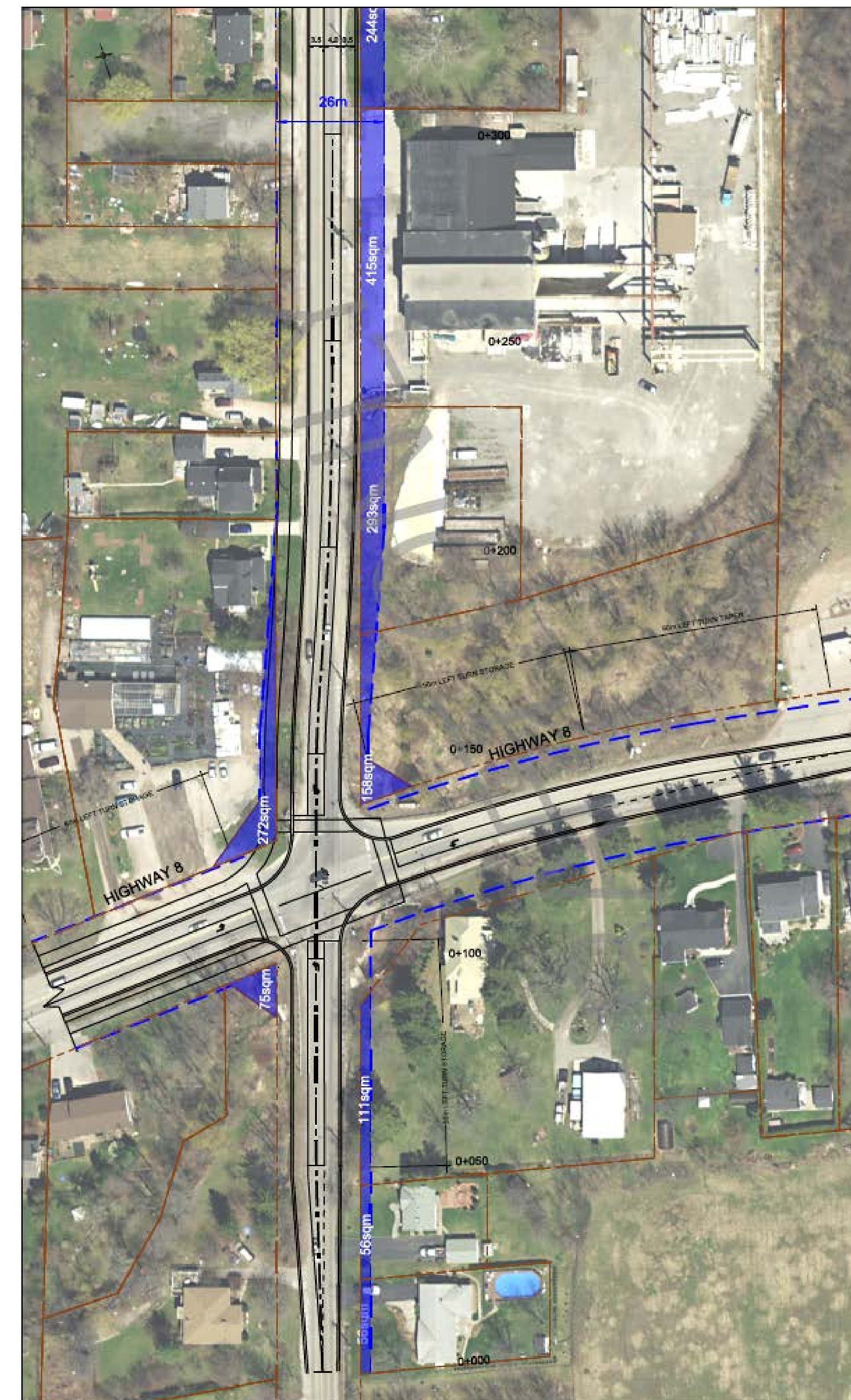


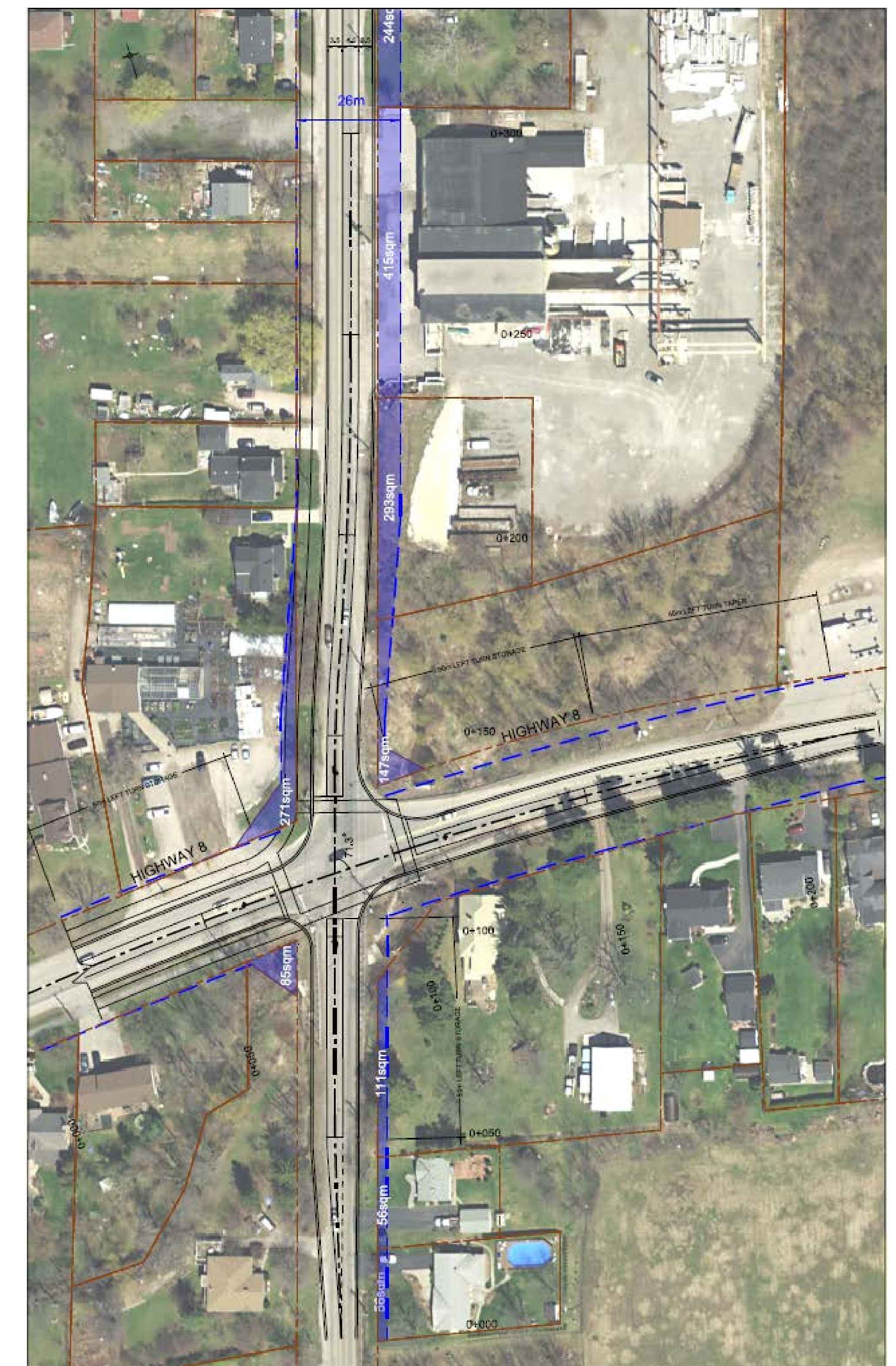
Fifty Road and Highway 8 Intersection Options



Alternative 1 (excerpt) - Shifting to the East



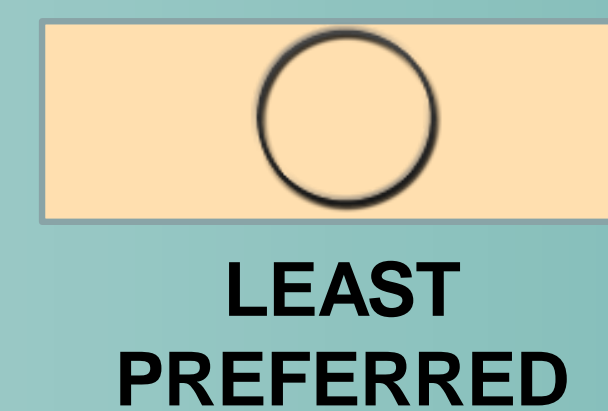
Alternative 2 (excerpt) - Shifted 4 m to the West



Alternative 3 (excerpt) - Shifting 4 m to the West and Shifting to the South

Fifty Road and Highway 8 Intersection Evaluation

Category and Criteria	Alternative 1: Shifting to the East	Alternative 2: Shifted 4 m to the West	Alternative 3: Shifting 4 m to the West and Shifting to the South
Natural Environment	<ul style="list-style-type: none"> Minor impact on wetlands on the northeast quadrant Minor impact on wetlands on the southwest quadrant 	<ul style="list-style-type: none"> Lower impact on wetlands than Alternative 1 	<ul style="list-style-type: none"> Lower impact on wetlands than Alternative 1 and 2
Social/Cultural Environment	<ul style="list-style-type: none"> Impacts to properties in all three quadrants: northeast, southeast, southwest One property impacted northwest corner of Highway 8 and Barton Street Total property impact: 6443 sqm 	<ul style="list-style-type: none"> Impacts to properties in all four quadrants One property impacted northwest corner of Highway 8 and Barton Street Total property impact: 6244 sqm 	<ul style="list-style-type: none"> Impacts to properties in all four quadrants Total property impact: 6242 sqm
Financial	<ul style="list-style-type: none"> High cost due to potential culvert extension 	<ul style="list-style-type: none"> Mid-high cost due to property impacts 	<ul style="list-style-type: none"> Mid-high cost due to property impacts
Engineering - Transportation	<ul style="list-style-type: none"> Intersection skew angle: 69.3 degrees 	<ul style="list-style-type: none"> Intersection skew angle: 69.3 degrees 	<ul style="list-style-type: none"> Improved intersection skew angle: 71.3 degrees
Engineering – Other	<ul style="list-style-type: none"> An extension of existing culvert south of Highway 8 may be required 	<ul style="list-style-type: none"> Culvert extension may not be required 	<ul style="list-style-type: none"> Culvert extension may not be required



Fifty Road and Highway 8 Preferred Intersection

The alternative alignments for the Fifty Road and Highway 8 intersection was analyzed based on natural and social environment and financial and engineering considerations. **Alternative 3 (Shifting 4 m to the West and Shifting to the South)** was selected as the preliminary preferred alignment due to a number of advantages compared to the other alternatives.

A summary of the key impacts and benefits of Alternative 3 is provided below:



Improved Intersection Skew Angle



Extension of the existing culvert (south of Highway 8, along Fifty Road) may not be required

The roll plan of the preferred alignment is located on the project website - engage.hamilton.ca/bartonfiftyea