



TO: Unionville Sub-Committee Members
Mayor Frank Scarpitti (Ex-Officio)
Deputy Mayor Michael Chan
Regional Councillor Joe Li (Ex-Officio)
Regional Councillor Jim Jones (Ex-Officio)
Councillor Reid McAlpine
Councillor Isa Lee
Councillor Amanda Collucci

CC: Frank Clarizio, Director of Engineering
Councillor Ritch Lau
Alice Lam, Acting Commissioner of Community Services
Mary Creighton, Director of Recreation

FROM: Alain Cachola, Sr. Manager Infrastructure and Capital Projects
Nehal Azmy, Senior Capital Works Engineer

DATE: February 27, 2023

Re: Appendix to Unionville Sub-Committee Meeting February 15, 2023

On February 15 2023, Capital Works Engineering staff provided a presentation titled “Main Street Unionville Revitalization Project”. The presentation provided an update on the road, boulevard, sidewalk and border pavers.

The Committee questioned a number of items relative to the staff presentation.

The following are responses to inquiries from the Committee as a follow up to the presentation.

Question 1:

The rationale for having different coloured pavers for boulevard, sidewalk, and road.

Answer 1:

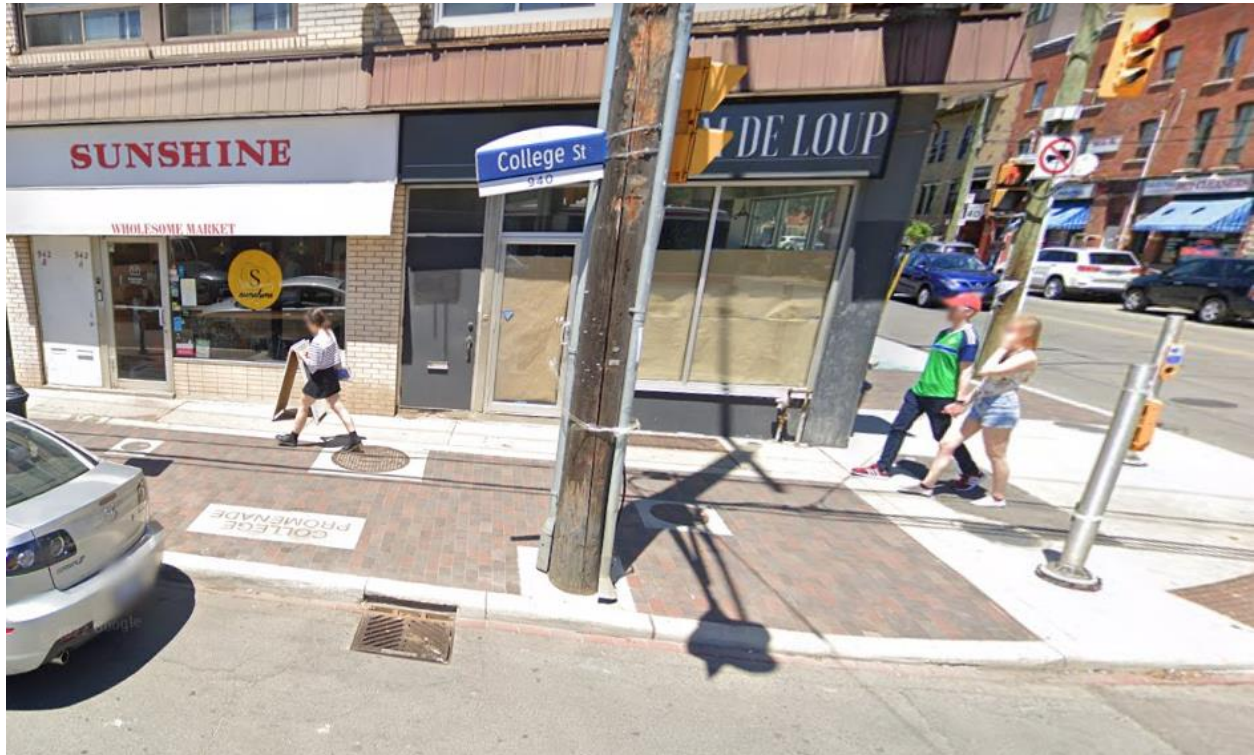
The purpose of having different coloured pavers is to provide a clear visual difference between vehicular and pedestrian areas. In addition, the design consultant has also utilized a similar design from Main Streets from other municipalities such as downtown Lindsay.

Question 2:

The consultants rationale for recommending the five colours of pavers be used for the road pavers.

Answer 2:

The design Consultant, CIMA+, included five colours for the mockup of the road to show all the colour options available, and is similar to the example that was referenced on College Street (installed about 5 years ago). See photo of the location below.



Upon further review, the comparison below shows that there is not a significant difference to the appearance from a 5 colour brick combination to a 3 colour combination.



Road mockup – Five colours

Parking stall mockup –
Three colours

The recommended colours for the road and parking bays are shown below (Sangria and Oak). These recommended pavers provide a variation in colour.



Market Paver - Oak Colour



Market Paver - Sangaria Colour

The Consultant (CIMA+) will provide an updated street rendering showing the recommended alternative at the 60% design submission.

Question 3:

Committee suggested staff to consider the options for using the same paver type for both the border and the dashed parking stall separation line to possibility reduce the number of paver styles that need to be stored.

Answer 3:

The following analysis of three options related to the border and the dashed parking stall separation line pavers

Options	Analysis	Recommendation
1- Soldier course border and dashed parking stall separation line: Both <i>Molina paver</i> 150mm x 300mm pavers (80mm thickness) in one colour: Cloudburst	<ul style="list-style-type: none"> - The 150mm x 300mm Cloudburst Molina paver is recommended to be used as a <u>soldier course border between pedestrian and vehicular areas</u>, as this provides a distinct and wide delineation between the parking bay and the sidewalk / boulevard area. - The 150 x 300mm Cloudburst Molina paver is not recommended to be used for the <u>parking stall separation lines</u>, as this would interrupt the herringbone pattern of the parking area (making it less durable for vehicular loading) and because the paver would no longer provide a distinct separation between pedestrian and vehicular areas. 	Using the Molina paver for both the soldier course and parking stall separation line is <u>Not recommended</u>



<p>2- Soldier course border and dashed parking stall separation line: Both <i>Market paver</i> - 100mm x 200mm pavers (80mm thickness) in one color: Cloudburst</p>	<p>- The 100 x 200 Market paver is not recommended to be used for the <u>soldier course border</u> as the paver size is small and does not provide a clear distinction between the parking bay and the sidewalk / boulevard.</p> <p>- The 100 x 200 Market paver is recommended to be used for the <u>dashed parking stall separation line</u>, as this paver is the same size as the parking bay pavers and will properly fit the paver laying pattern.</p>	<p>Using the Market paver for both the soldier course and dashed parking stall separation line is <u>Not recommended</u></p>
<p>3- Soldier course border: <i>Molina paver</i> 150mm x 300mm pavers (80mm thickness) in one color: Cloudburst.</p> <p>Dashed parking stall separation line: <i>Market paver</i> - 100mm x 200mm pavers (80mm thickness) in one color: Cloudburst</p>	<p>- The 150mm x 300mm Cloudburst Molina paver is recommended to be used as a <u>soldier course border</u>, as this provides a distinct and wide delineation between the parking bay and the sidewalk / boulevard area. Sandblast finish provides the additional benefit of tactile distinction between vehicular and pedestrian areas.</p> <p>- The 100 x 200 Market paver is recommended to be used for the <u>dashed parking stall separation line</u>, as this paver is the same size as the parking bay pavers and will properly fit the paver laying pattern.</p> <p>- As confirmed with the Advisory Committee for Accessibility, the soldier course border 150 x 300mm Cloudburst Molina paver provides color contrast that is acceptable for visual accessibility (paver will also have sandblast surface finish for texture contrast).</p>	<p>The proposed combination of pavers for the soldier course and dashed parking stall separation line is <u>Recommended</u></p>

Final Pavers Recommendations:

- **Road:** *Market paver* - 100mm x 200mm pavers (80mm thickness) in two colors: Sangria and Oak.
- **Parking Bay:** *Market paver* - 100mm x 200mm pavers (80mm thickness) in two colors: Sangria and Oak.

- **Parking Bay Dashed Parking Stall Separation Line:** *Market paver* - 100mm x 200mm pavers (80mm thickness) will be used to provide a dashed parking stall separation line in one color: Cloudburst (same color as the border).
- **Soldier Course Border:** *Molina paver* - (soldier course separating pedestrian areas from vehicular areas): 150mm x 300mm pavers (80mm thickness) in one color: Cloudburst.
- **Sidewalk / Boulevard:** *Molina paver* –150mm x 300mm pavers (80mm thickness) in two colors: Moraine and Luna.

