

Information meeting

Upgrades planned on Western Street (north)

Tuesday, May 9, 2023
from 7 to 9 p.m.
Council room



Explanations
Timeline
Questions/answers

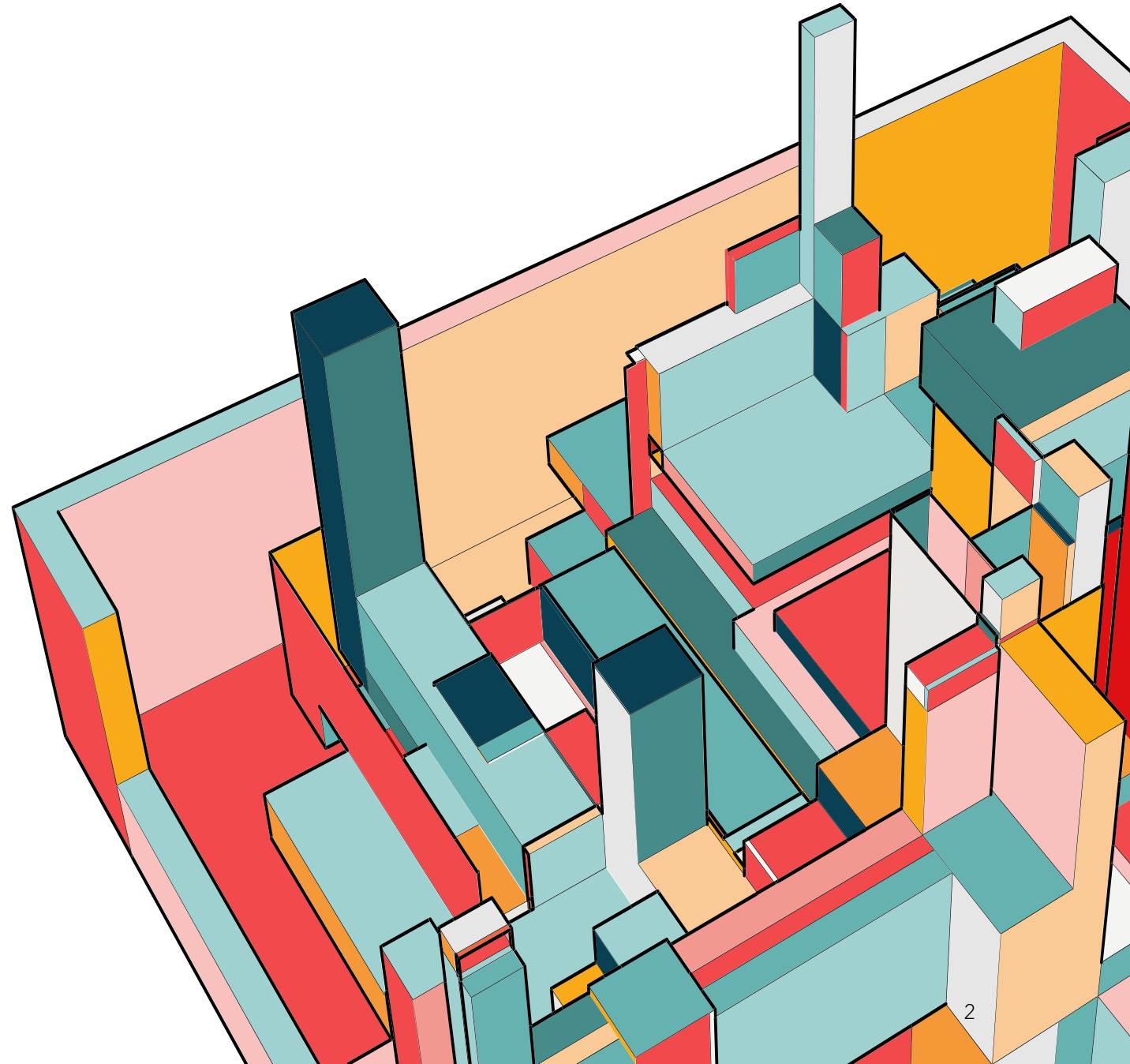


The meeting will be recorded and broadcast live on the Youtube channel

THE PROJECT

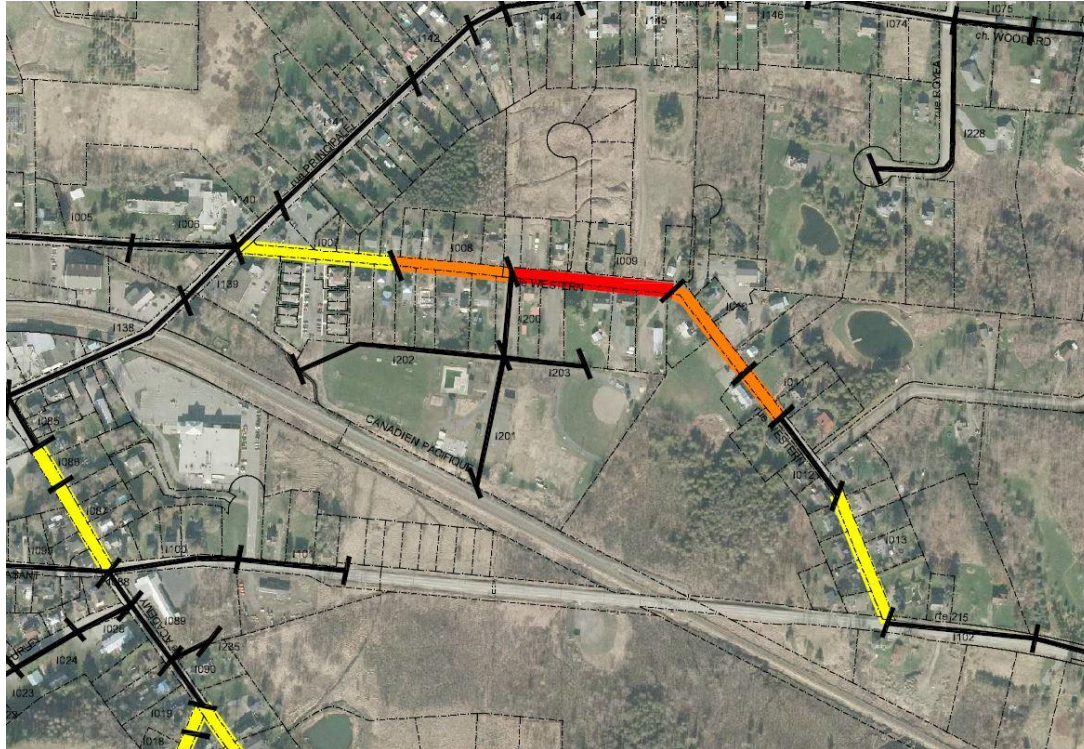
The northern portion of Western Street, between Principale Street North and Route 215, is scheduled for major rehabilitation. In addition to the reconstruction of the underground infrastructure (water, sanitary sewer and storm sewer), a **complete overhaul of the road surfaces** and the **two parking lots in Goyette Hill Park** is planned.

The Town wants to make Western Street a **showcase** and **model of innovation** for future street improvements in its **village core**.



CURRENT SITUATION

Outdated infrastructures

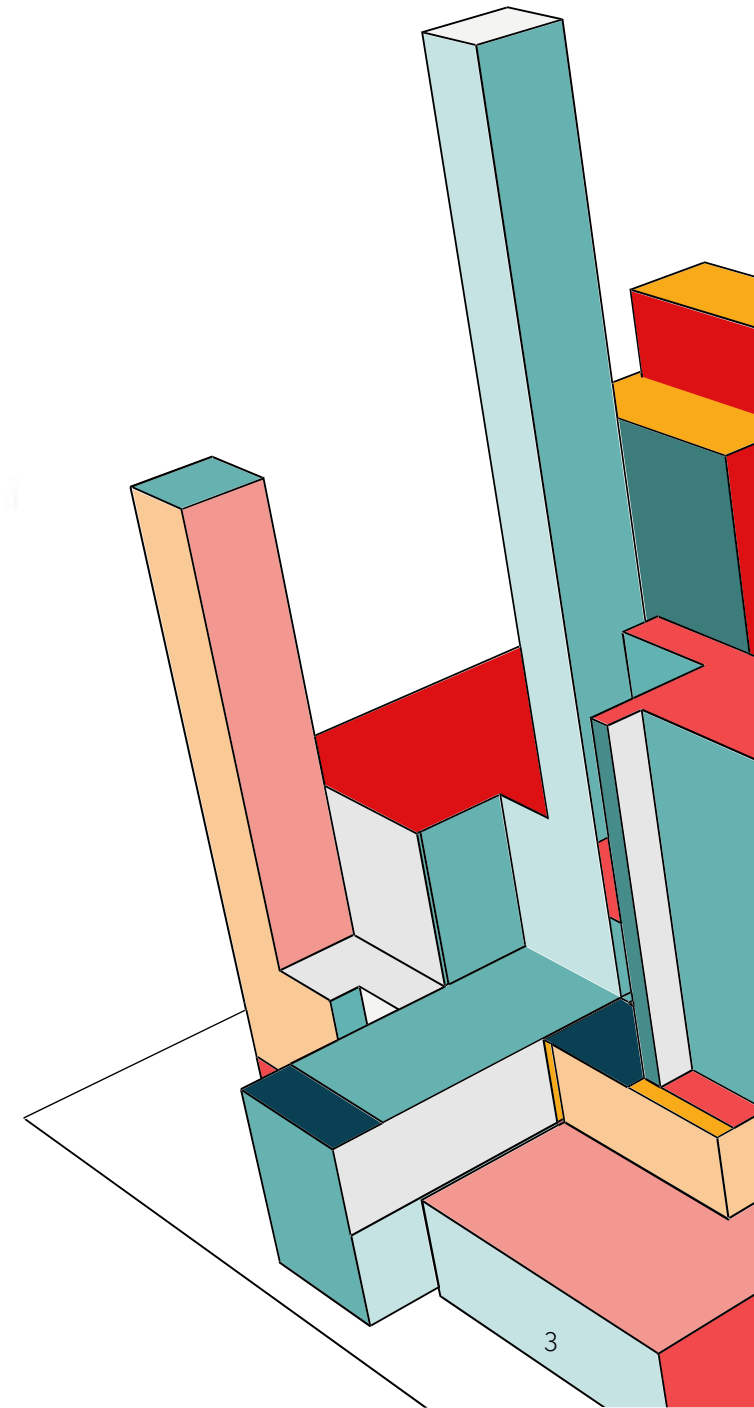


From the May 2017 infrastructure renewal response plan.

Legend

priorities of intervention

-  Priority 1
-  Priority 2
-  Priority 3
-  Priority 4
-  Priority 5 (no intervention)





Aqueduct

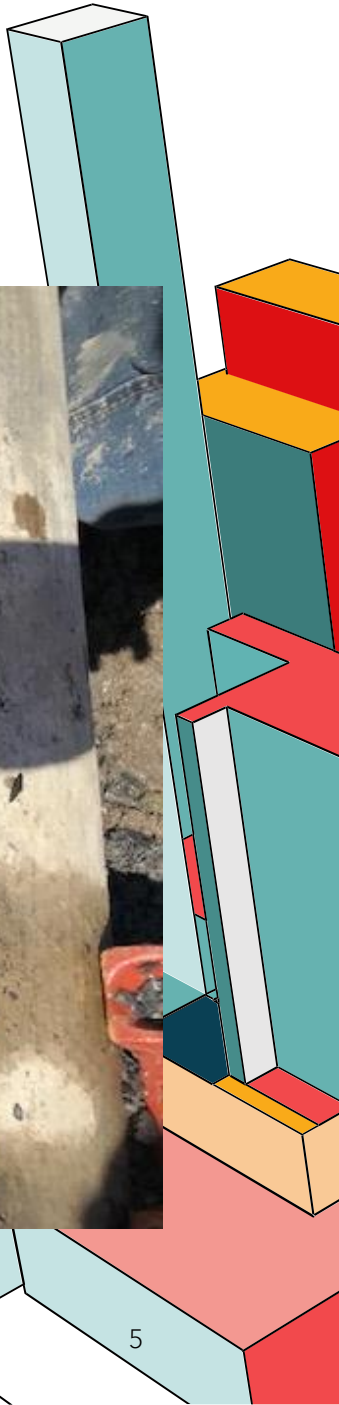


Aqueduct Breakage - September 18, 2019



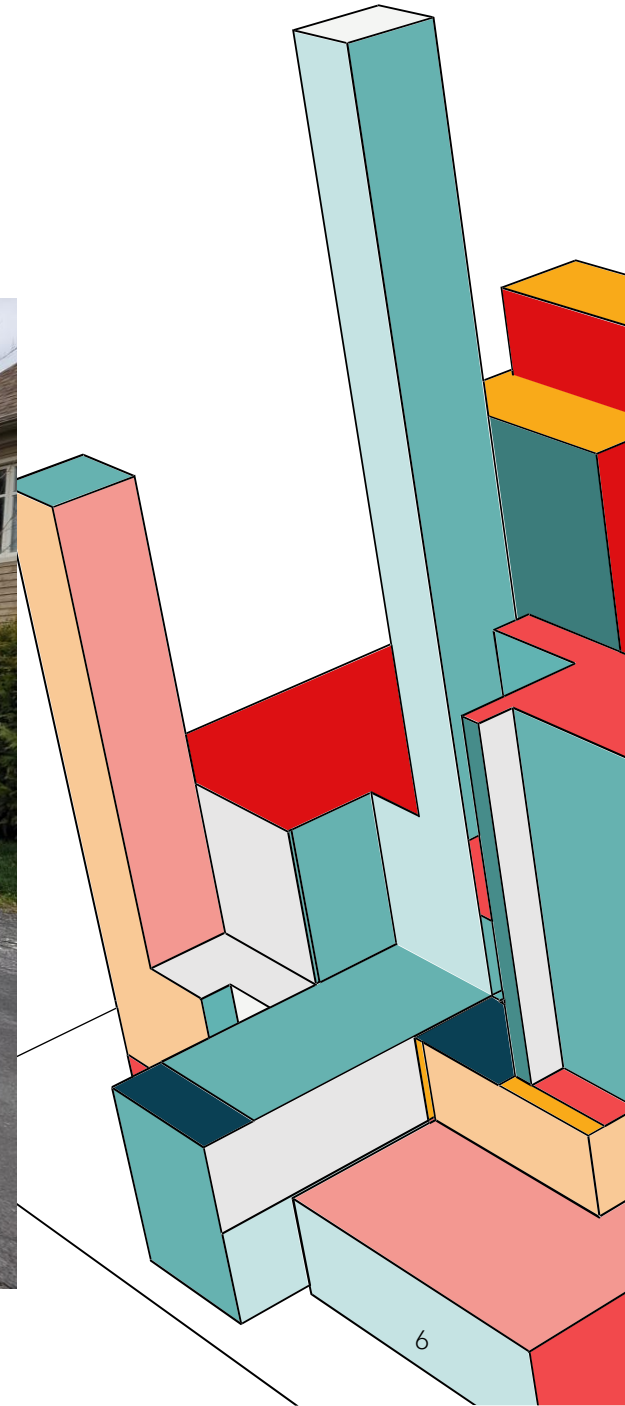
Materials used for the repair

Cracked asbestos-cement pipe



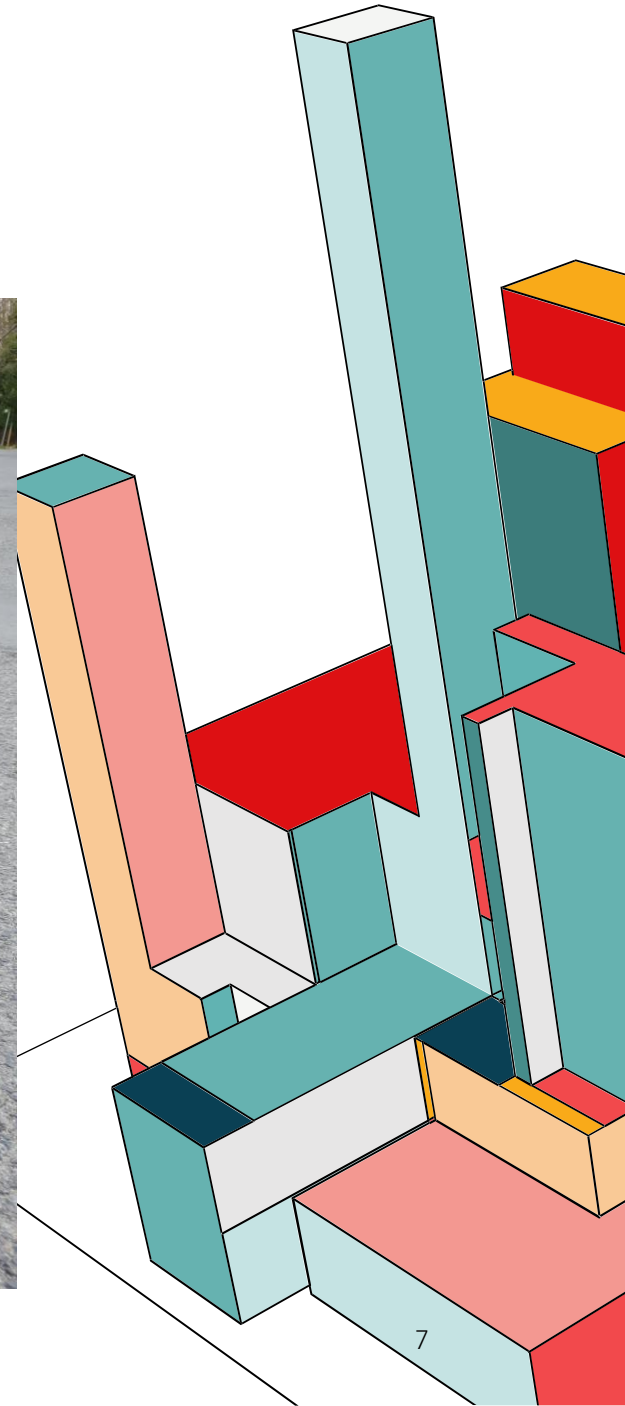
Pavement and sidewalks

Outdated surface course, patched in multiple places



Pavement and sidewalks

Asphalt sidewalks, degraded and dangerous



Unmanaged stormwater runoff

Example of an area undermined by unmanaged stormwater runoff due to lack of adequate infrastructure



Mix of users

- Pedestrians
- Bikes
- Cars (local and transit)
- Heavy vehicles



Speed

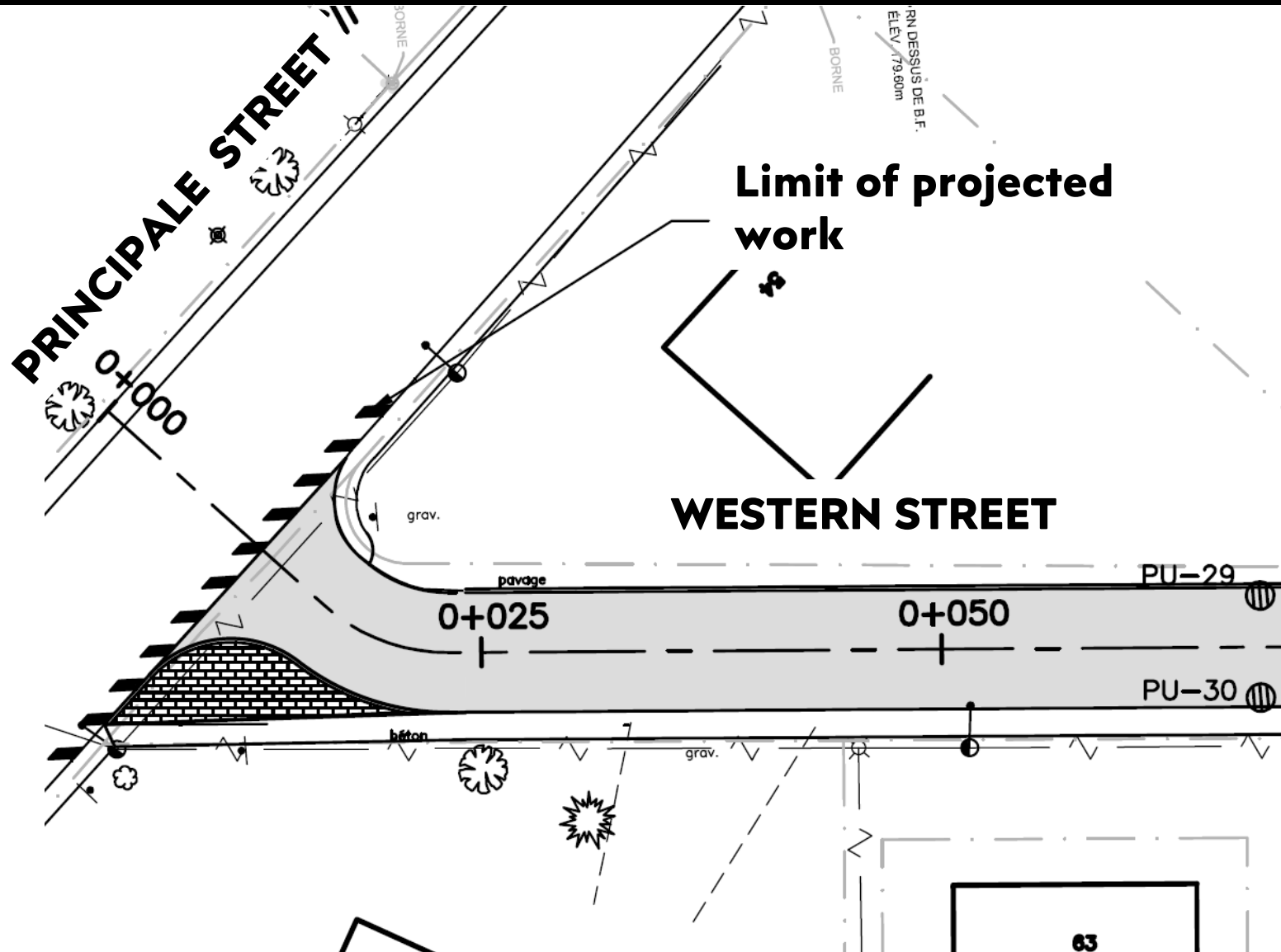
Speed limits are difficult to enforce due to lack of adequate infrastructures



MAP OF THE DIFFERENT AREAS



INTERSECTION PRINCIPALE N. / WESTERN



INSPIRATIONS

Town of Cowansville



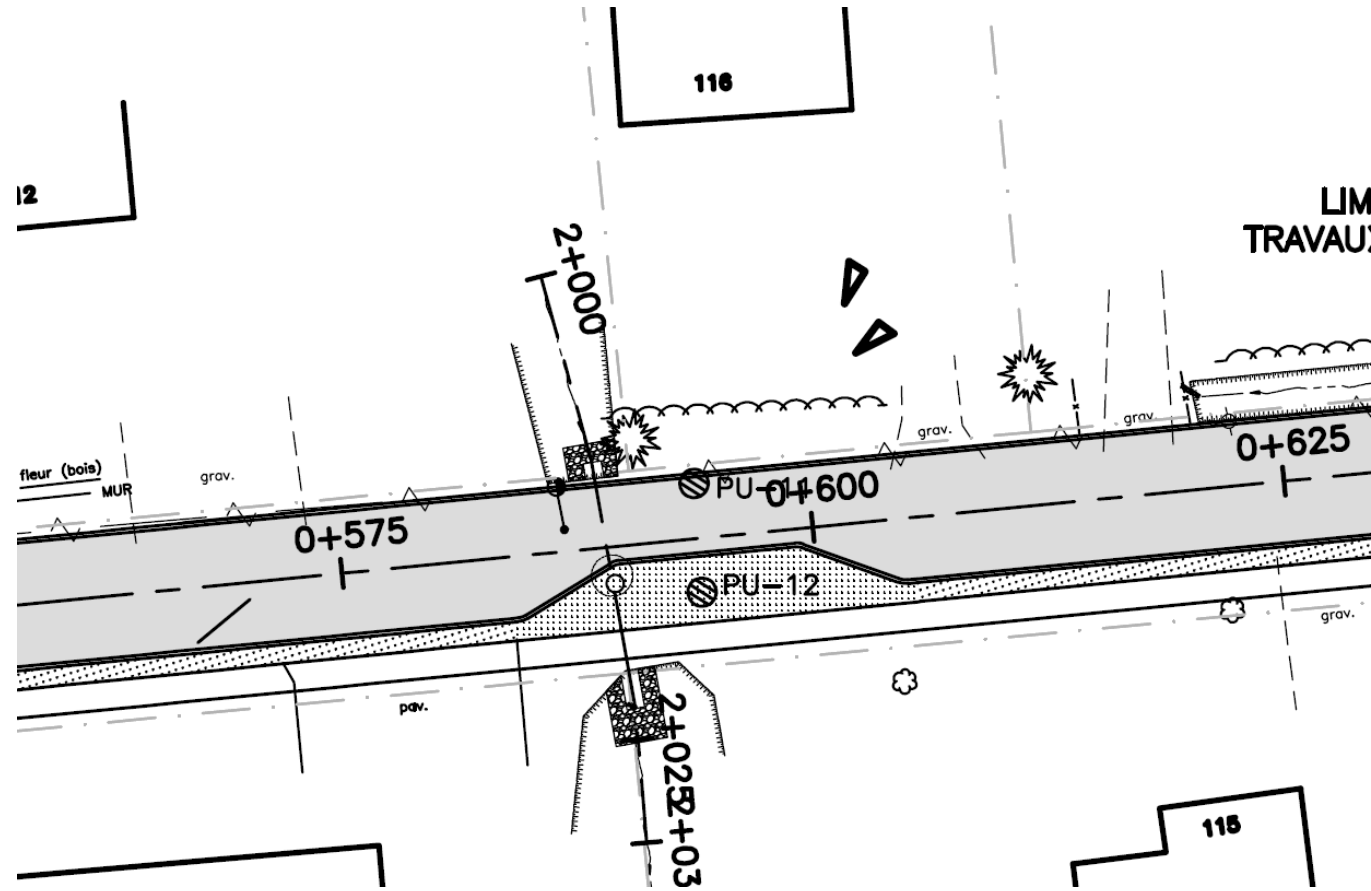
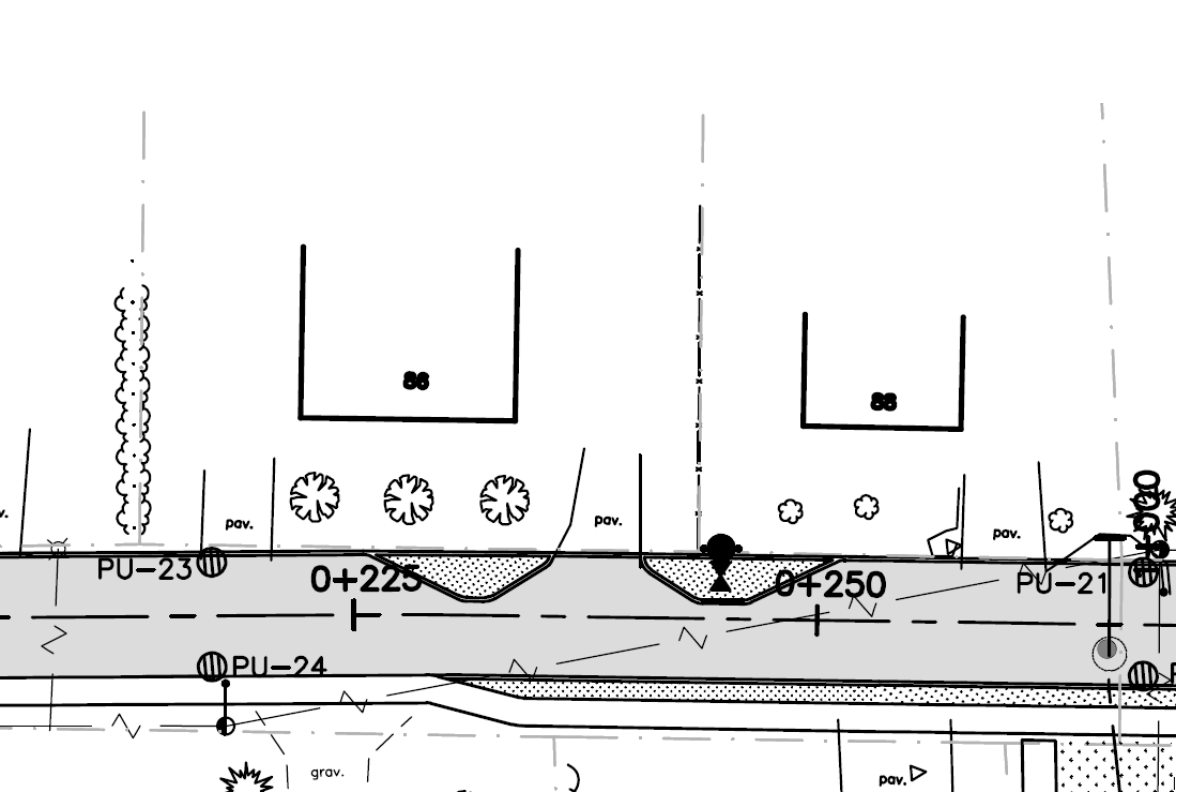
Town of Bromont



MAP OF THE DIFFERENT AREAS



BOTTLENECK PRINCIPLE

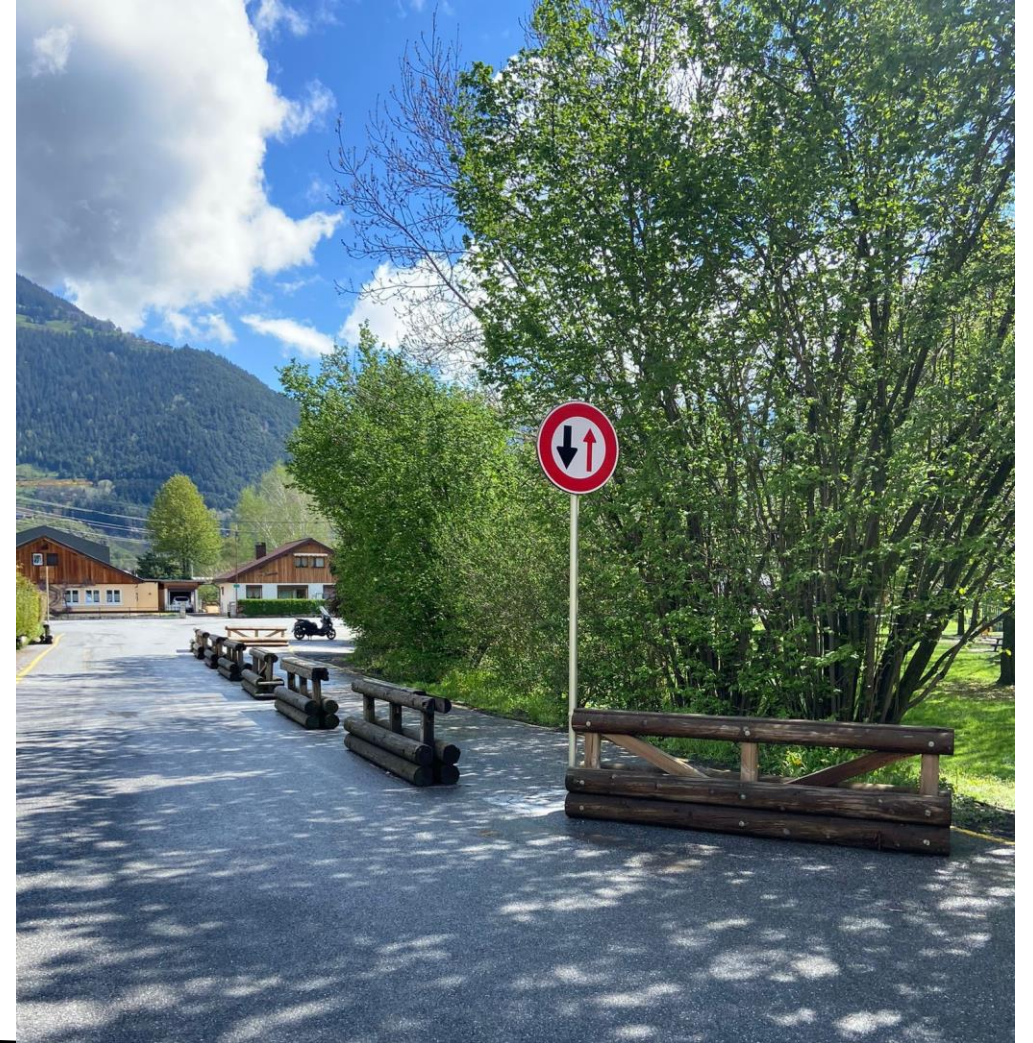


INSPIRATIONS

Town of La Malbaie



Bourg Saint-Maurice (France)



MAP OF THE DIFFERENT AREAS





- LÉGENDE**
- LIMITE DE LOT
 - SURFACE ENSEMENCÉE ET PLANTÉE
 - SURFACE DE GAZON RENFORCÉ
 - SURFACE DE PAVÉS DE PLASTIQUE RECYCLÉ
 - SURFACE DE CRIBLURE DE PIERRE
 - SURFACE DE BÉTON
 - SURFACE DE GRAVIER RENFORCÉ
 - SURFACE DE BÉTON BITUMEUX
 - LIT DE PLANTATION DE VIVACES
 - CELLULE DE BIORÉTENTION
 - - - BASSIN DE RÉTENTION SOUTERRAIN
 - ARBRES PROPOSÉS À GRAND DÉPLOIEMENT
 - ARBRES PROPOSÉS À PETIT DÉPLOIEMENT
 - CONIFÈRES PROPOSÉS
 - HAIE D'ARBUSTES PROPOSÉS
 - ARBRES EXISTANTS
 - ▬ TALUS
 - BANC PROPOSÉ
 - LAMPADAIRE PROPOSÉ
 - BOLLARD PROPOSÉ
 - ⦿ BORNES DE RECHARGE
 - X-X CLÔTURE CONSERVÉE
 - LIGNE ÉLECTRIQUE EXISTANTE
 - BOITES POSTALES RELOCALISÉES
 - BOITE TÉLÉCOM CONSERVÉE

RUE WESTERN

STATIONNEMENT 36 PLACES
10 CASSES AVEC BORNES ÉLECTRIQUES - 26 CASSES STANDARDS

STATIONNEMENT 14 PLACES
4 CASSES POUR MOBILITÉ RÉDUITE - 2 CASSES POUR FAMILLE - 8 CASSES STANDARDS

MUR DE SOUTÈNEMENT EN PIERRES EXISTANT

BARRIÈRE EXISTANTE CONSERVÉE

PARC GOYETTE-HILL



PARC
GOYETTE-HI
PARK

INSPIRATIONS - BIORETENTION

Rodrigue-Gilbert Arena, City of Montreal



Fire Station, Town of Mont Saint-Hilaire



INSPIRATIONS – REINFORCED GRAVEL

Rodrigue-Gilbert Arena, City of Montreal



City of Fort Collins, Colorado



<https://www.truegridpaver.com/resources/projects/#0>

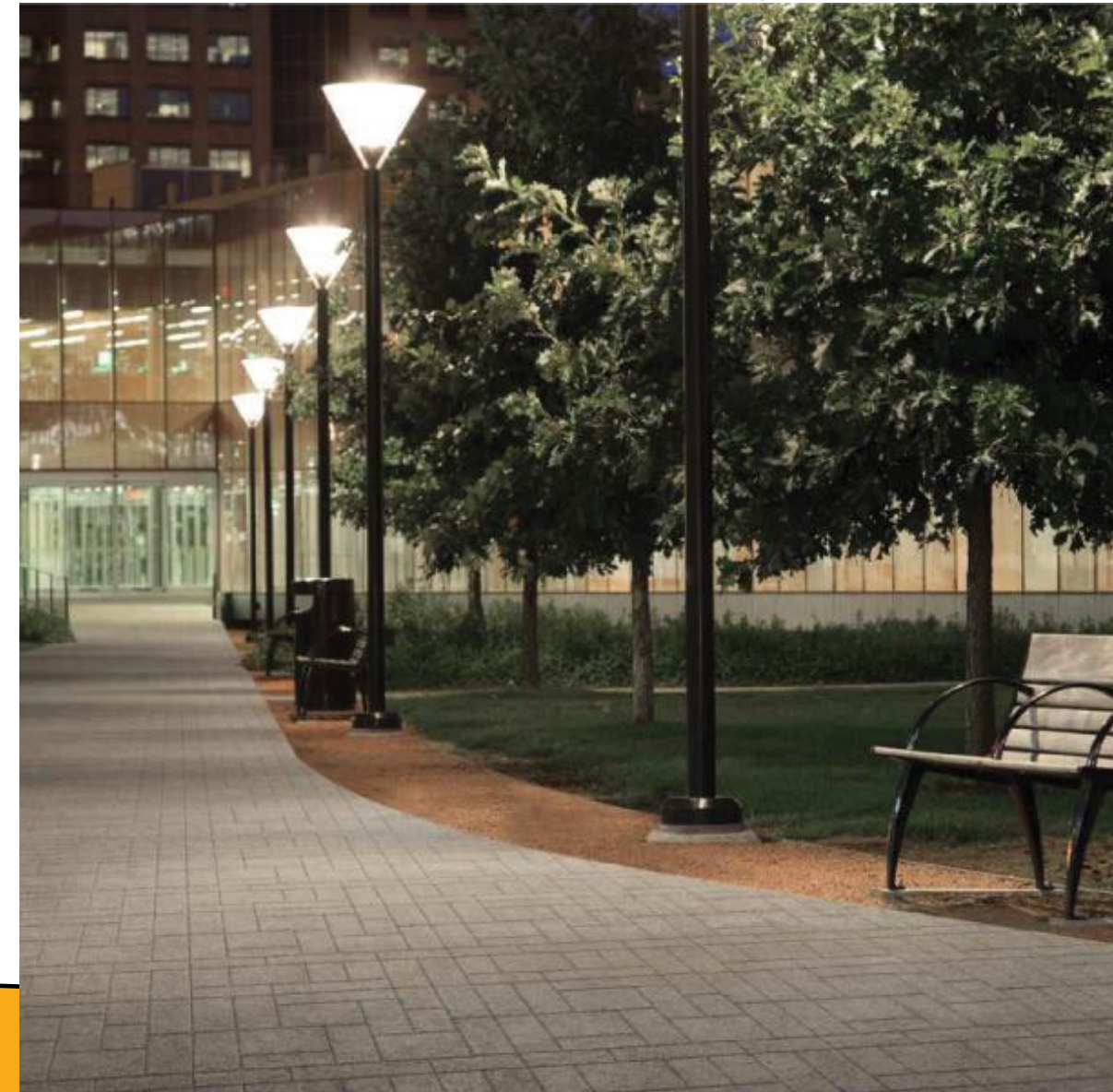


INSPIRATIONS – RECYCLED PAVING STONES

Head office of Rousseau Lefebvre, Laval



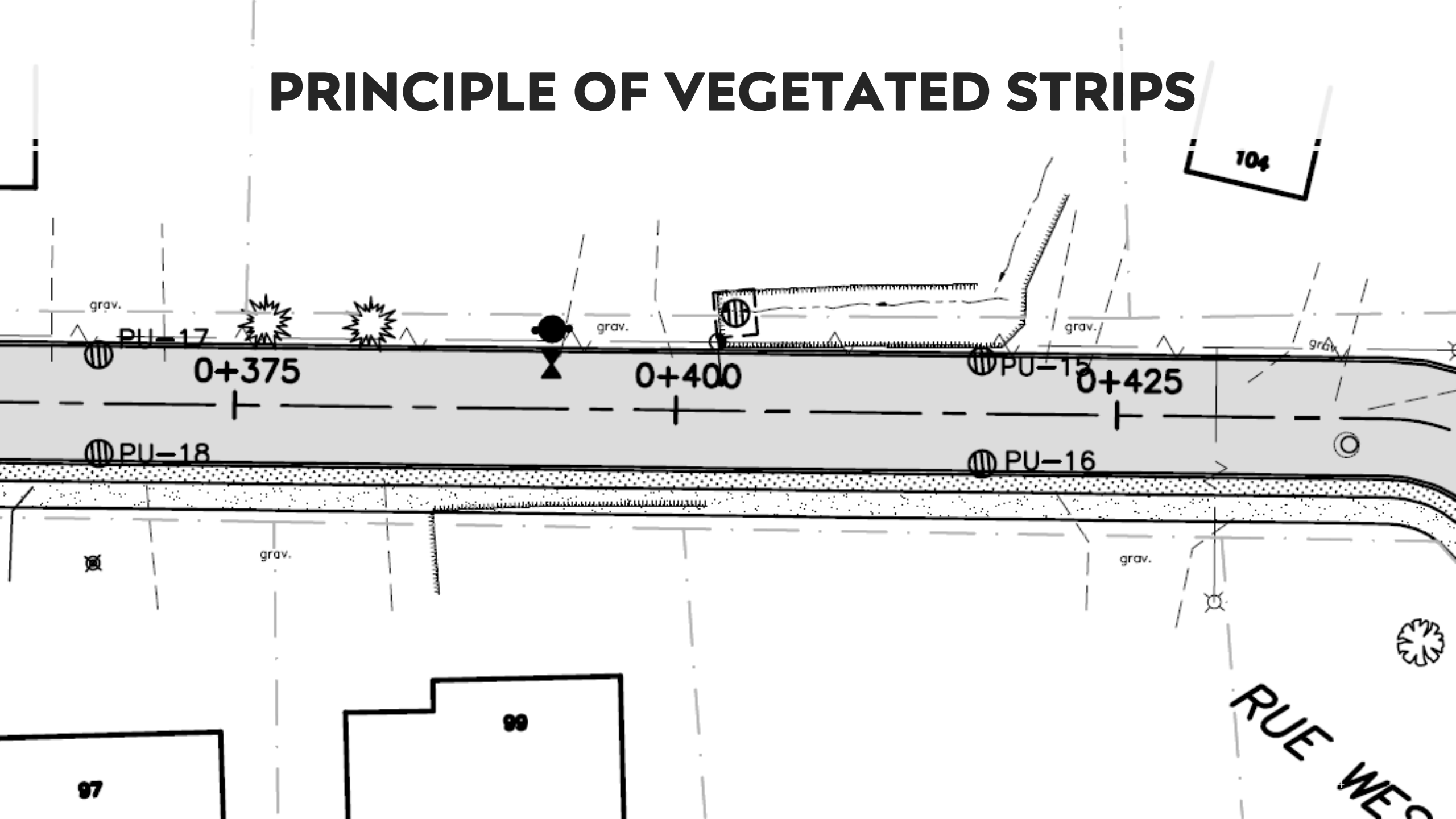
Realization with Paverreco products



MAP OF THE DIFFERENT AREAS



PRINCIPLE OF VEGETATED STRIPS





INSPIRATIONS

Town of Granby

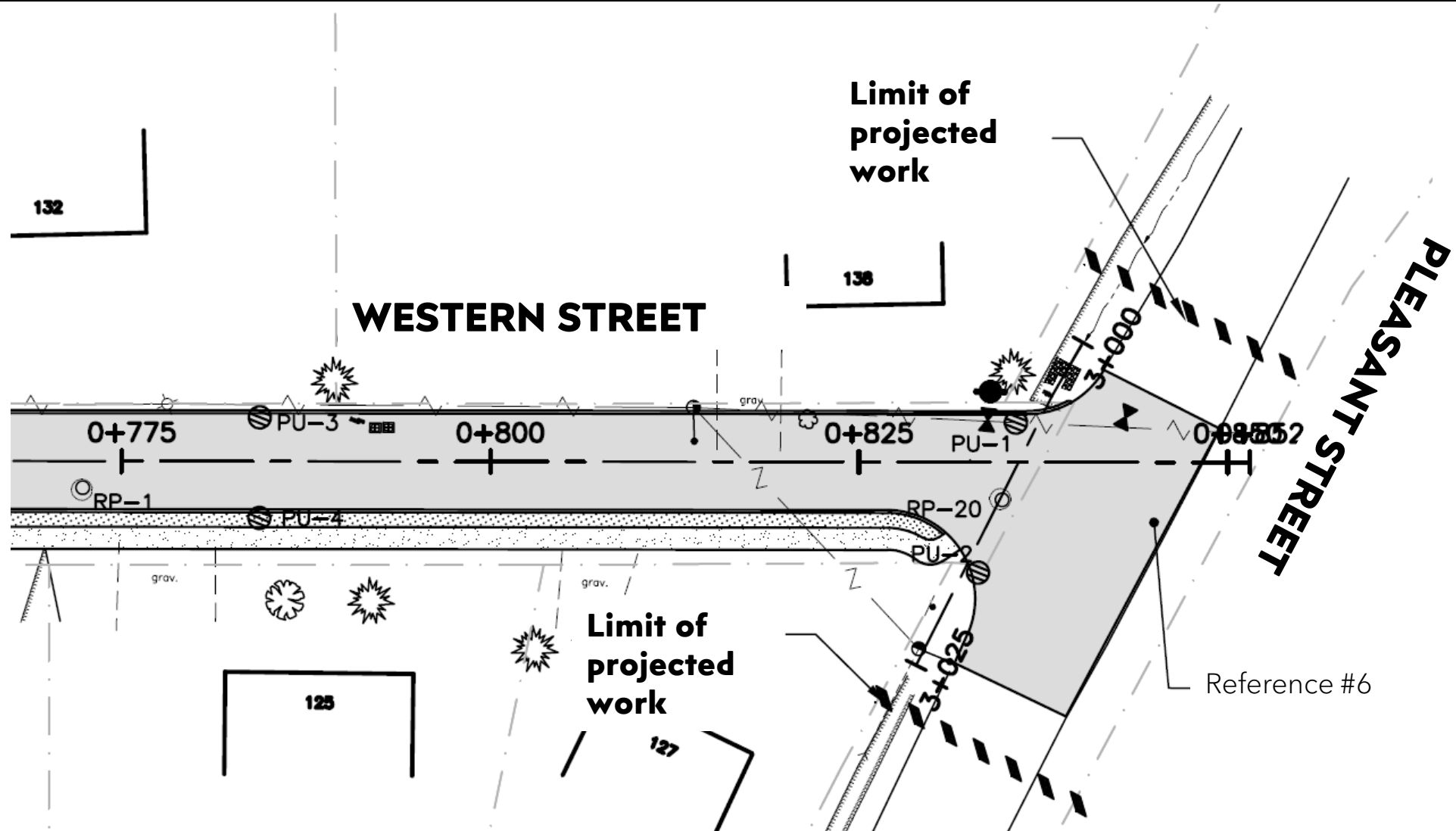
Town of Granby



MAP OF THE DIFFERENT AREAS



INTERSECTION WESTERN / PLEASANT





POTENTIAL PHASE 2

CONTINUITY OF THE SIDEWALK ON 215

TIMELINE - WESTERN STREET REHABILITATION PROJECT

Western Street Rehabilitation	2021	2022				2023				2024				2025				2026				
	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	
Municipal Council																						
Selection of Western Street at PTI																						
Project evaluation																						
Municipal Election																						
Engineering																						
Categorization of the state of the networks																						
Land survey																						
Preparation of preliminaries plans and specifications																						
Environmental characterization - phase 1																						
Geotechnical study																						
Engineering Study for Moderating Facilities																						
Environmental study phase 2																						
Presentation of preliminary plans (version 1)																						
Modification of the plans to integrate eco-responsible measures																						
Landscape architecture (integration of innovative sustainable development principles)																						
Grants mandate																						
Development of concepts and layouts																						
Supporting survey																						
Preparation of plans and specifications																						
Works																						
Call for tenders																						
Granting of contract																						
Work phase 1 - Parking lot(s)																						
Work phase 2 (south area)																						
Work phase 3 (northern area)																						
End of the works																						
Research, development and follow-up phase																						
Radar data collection for future comparison																						
Sustainable Development Forum - Victoriaville																						
Eco-responsible parking tour - Boucherville																						
Visit of the vegetated strip - Granby																						
Walking tour - Bromont and Cowansville																						
Comments from residents																						
Comments from park users																						
Collecting and comparing radar data																						

QUESTION PERIOD

