

# Mill Plain Arrival on Green City of Vancouver

Project Completed: June 2021

## Project Information

RTC funding: \$72,700 CMAQ

Total Project Cost: \$97,600

Project Type: Intelligent Transportation System

Project Length: 4.3 miles

Function Class: Principal Arterial

Daily Traffic Volume: 23,000 to 46,000 ADT

## Project Description

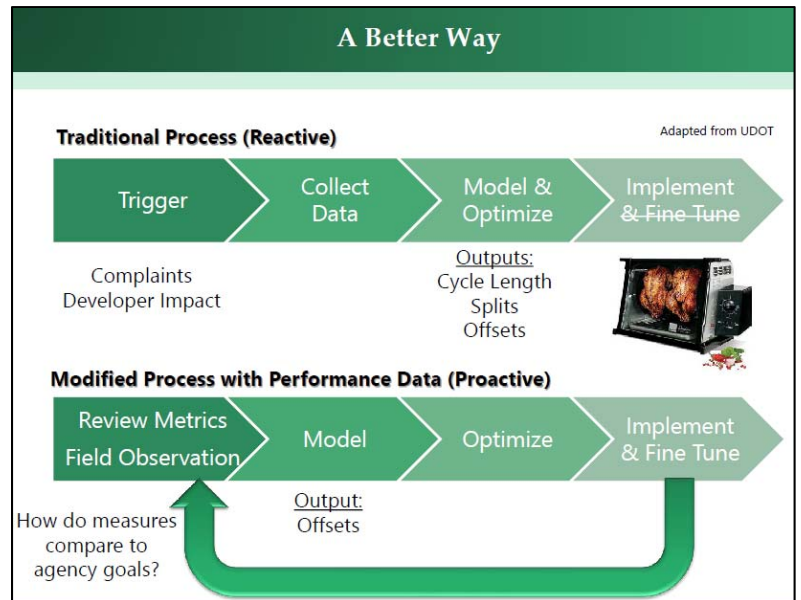
This project purchased, installed, and programmed CPU signal controller equipment to upgrade 15 existing intersections on Mill Plain Boulevard to allow for high resolution data collection. The equipment upgrades allow the City to collect and process data for using arrival on green and transit signal priority to improve future intersection signal coordination along the corridor. This project also installed new central software to allow central data collection and analysis via Intelight MaxView.

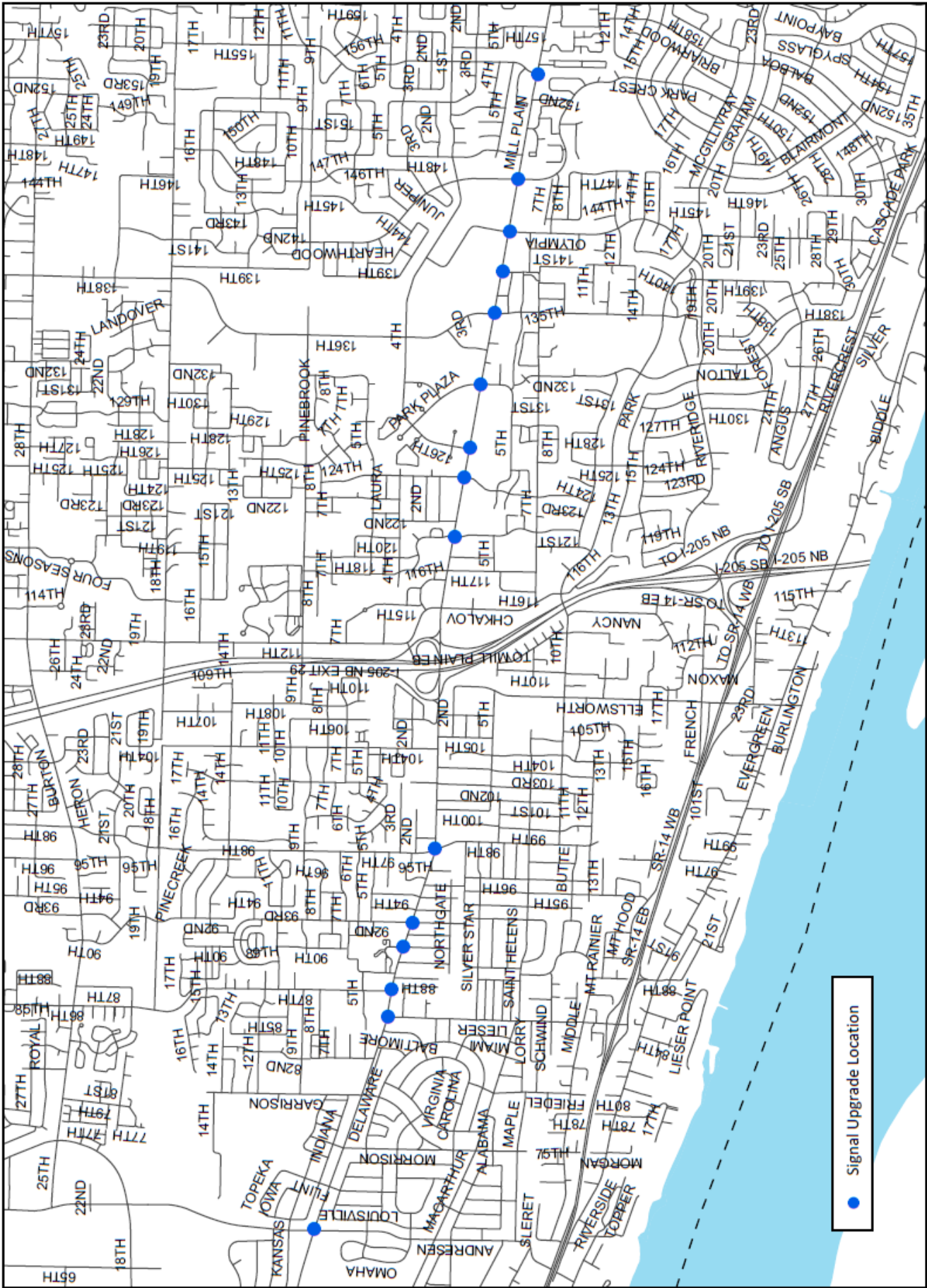
## Project Benefits

- Improves efficiency of staff to evaluate corridor operations for travel time and percent of vehicles arriving on green lights.
- Provides advanced traffic management and operations technologies to facilitate higher-frequency transit service.
- Directly implements the Regional Transportation Plan for improving the regional transportation system through better traffic signal coordination.
- High Resolution data allows for staff to monitor whether detection equipment is operating correctly, which we currently are not able to do without user complaints or staff maintenance.
- Allows for better documentation of corridor operations. The previous methodology for timing analysis measures minimal data and is focused on outputs. The new capability allows staff to measure a lot of data and focus on objectives.

## Project Funding

Phase	Year	Federal Funds	Local Funds	Total
Design	N/A	\$0	\$0	\$0
Right of Way	N/A	\$0	\$0	\$0
Construction	2020-2021	\$72,700	\$24,900	\$97,600
<b>Total</b>		<b>\$72,700</b>	<b>\$24,900</b>	<b>\$97,600</b>





Project Map