WALTERFEDY

REGIONAL ROAD No. 29 (LANCASTER STREET WEST) RECONSTRUCTION
PREFERRED DESIGN ALTERNATIVE - BOULEVARD BIKE LANES AND INTERSECTION IMPROVEMENTS

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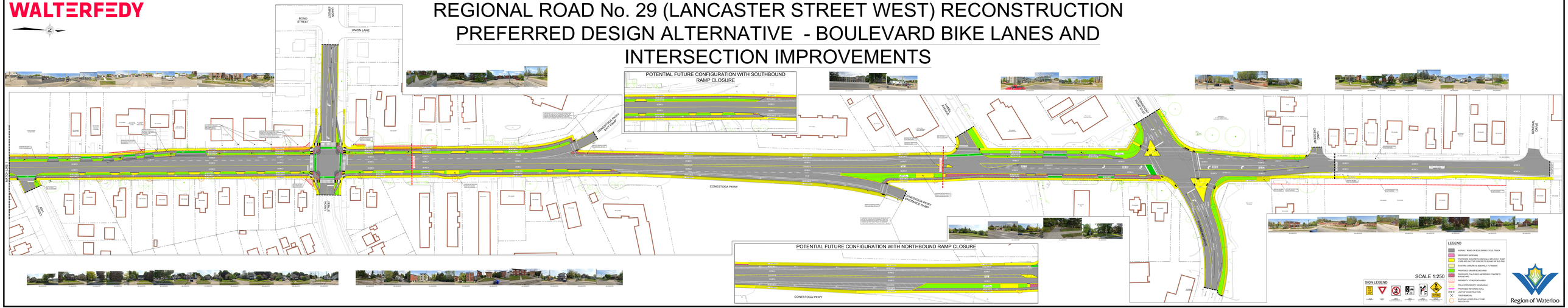
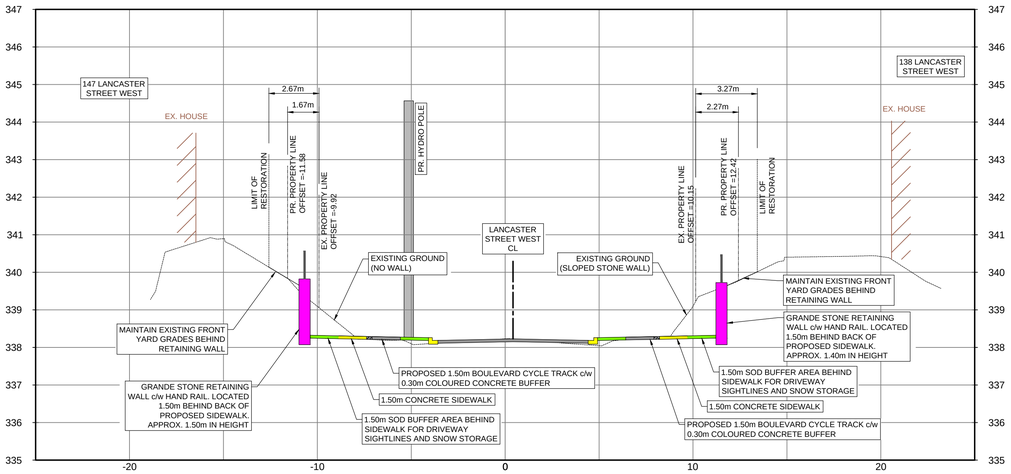


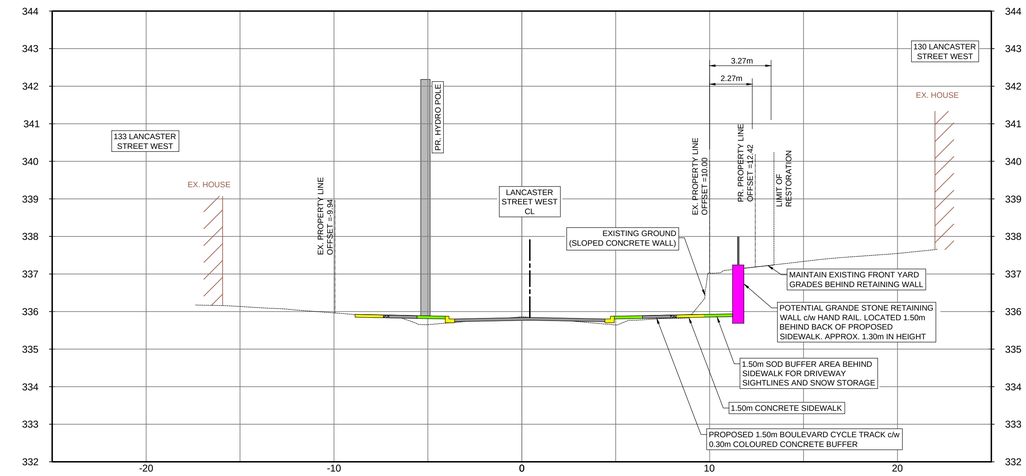
WALTERFEDY

REGIONAL ROAD No. 29 (LANCASTER STREET WEST) RECONSTRUCTION
EXAMPLE DESIGN SECTIONS

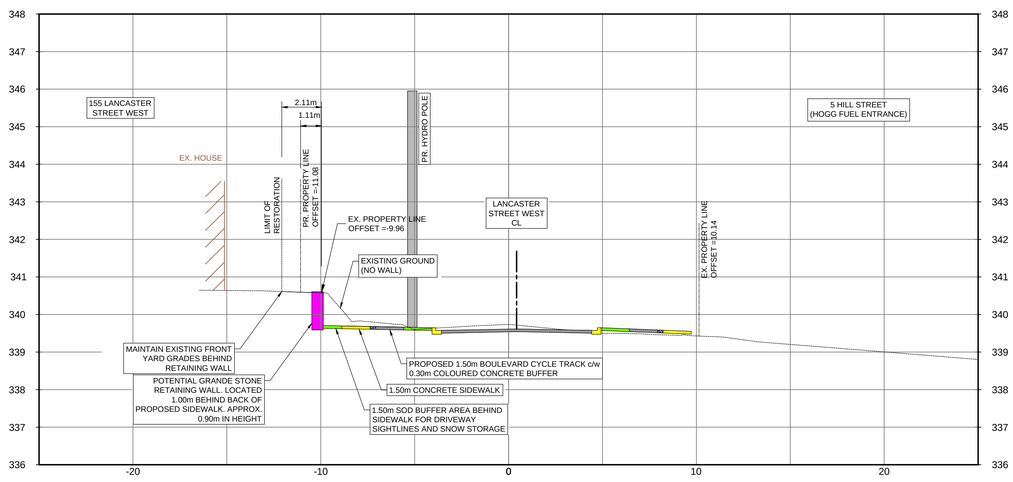
Region of Waterloo



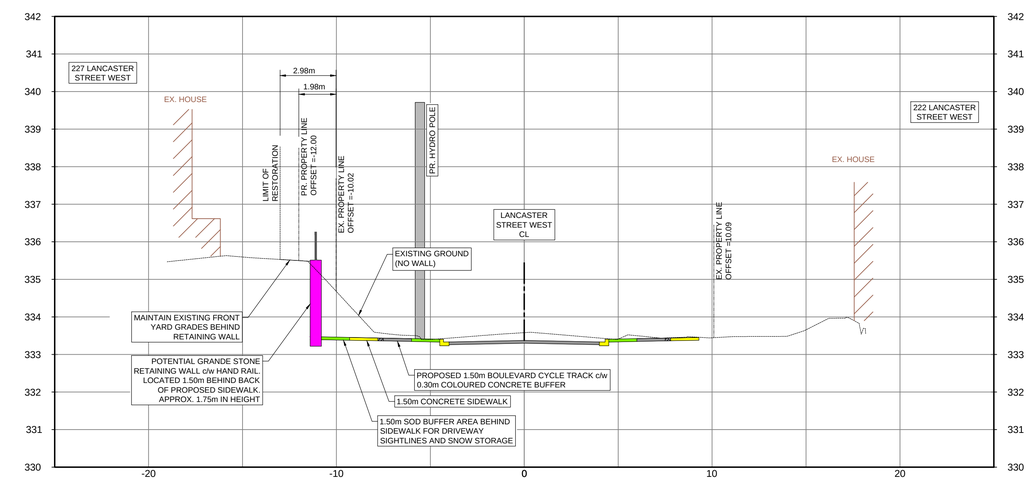
147/138 LANCASTER STREET WEST (0+697.69)



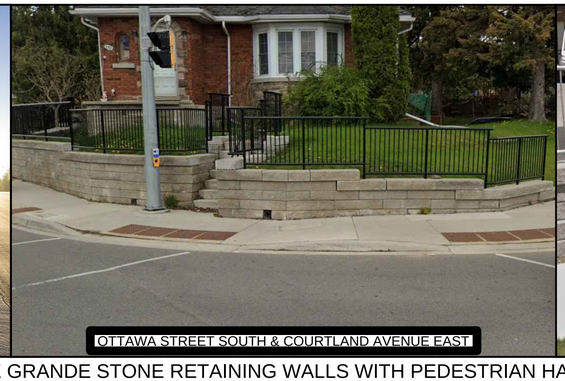
133/130 LANCASTER STREET WEST (0+654.98)

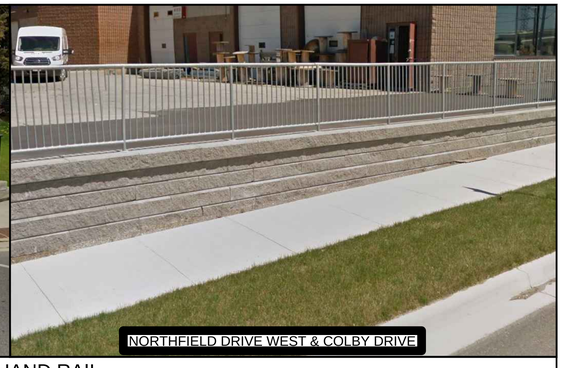


155 LANCASTER STREET WEST (0+763.80)



227/222 LANCASTER ST. (STA. 1+057.70)





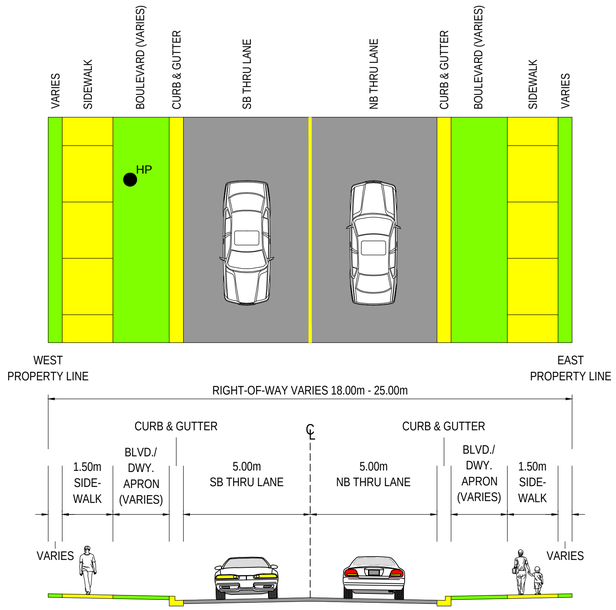
SAMPLE GRANDE STONE RETAINING WALLS WITH PEDESTRIAN HAND RAIL

SCALE 1:100

WALTERFEDY

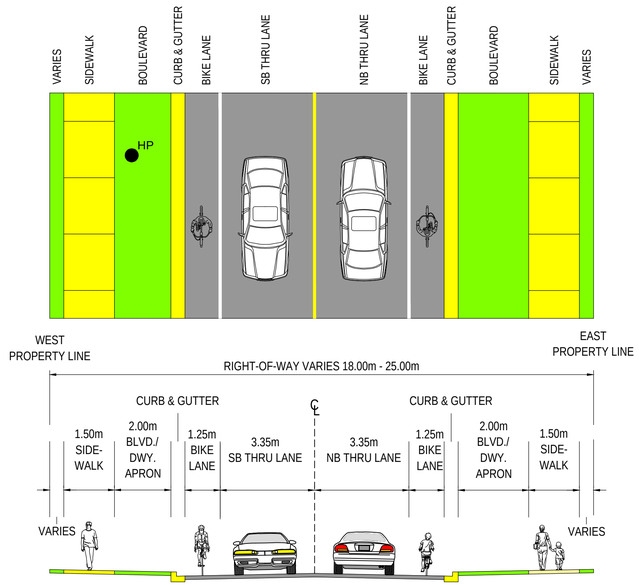
REGIONAL ROAD No. 29 (LANCASTER STREET WEST) RECONSTRUCTION
DESIGN ALTERNATIVE CROSS SECTIONS

Region of Waterloo



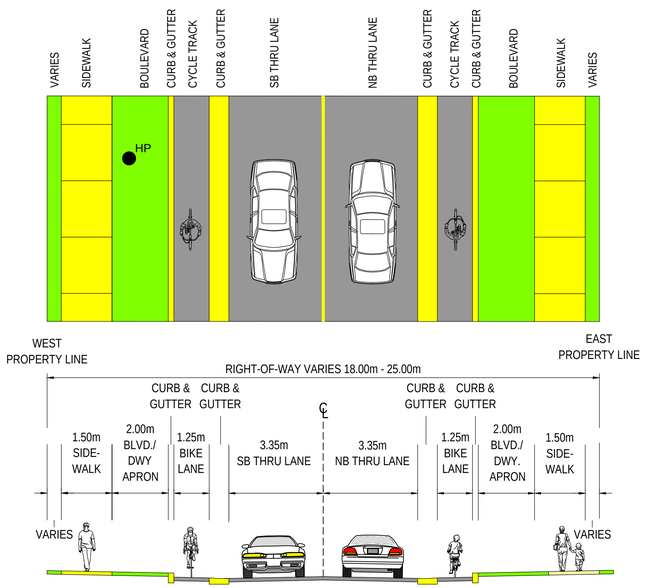
BASE ALTERNATIVE - DO NOTHING

MAINTAIN EXISTING CROSS SECTION, NO CYCLING FACILITIES



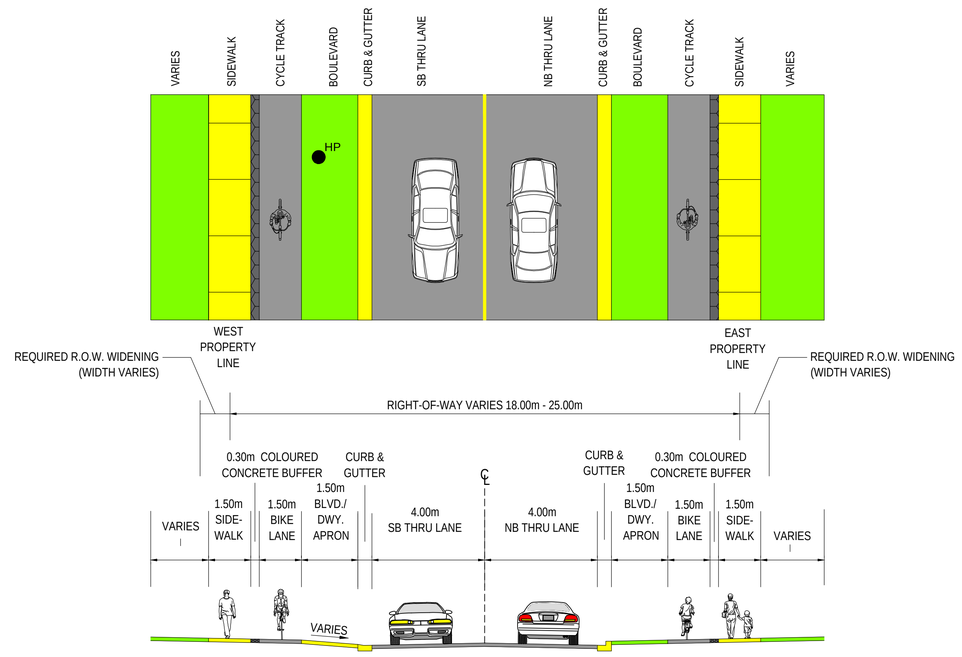
ALTERNATIVE #1 - ON-ROAD BIKE LANES

ON-ROAD BIKE LANES SEPARATED FROM TRAFFIC WITH PAVEMENT MARKINGS



ALTERNATIVE #2 - ON-ROAD CYLE TRACKS

ONE-WAY ON-ROAD CYCLE TRACKS SEPARATED FROM TRAFFIC WITH MOUNTABLE CURB



ALTERNATIVE #3 - BOULEVARD CYCLE TRACKS

ONE-WAY BOULEVARD CYCLE TRACKS SEPARATED FROM SIDEWALKS WITH A COLOURED CONCRETE BUFFER

DESIGN ALTERNATIVE PREFERRED BY PROJECT TEAM

SCALE 1:100