

Clarington

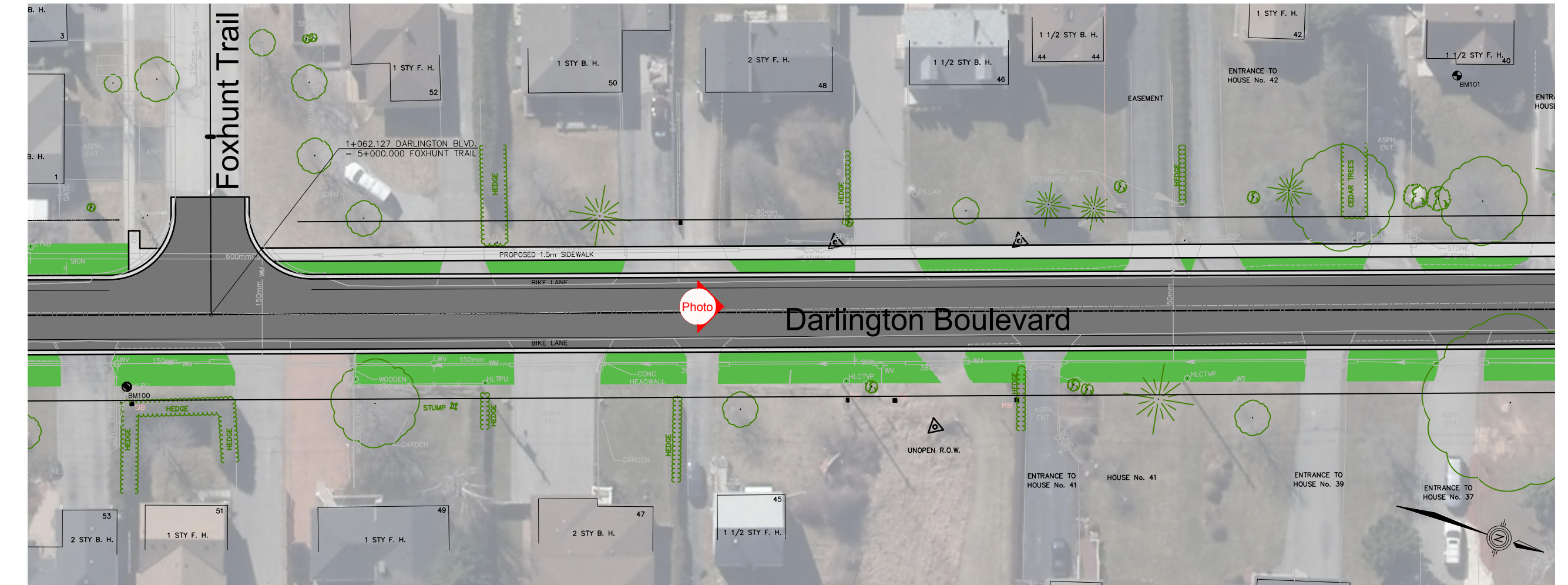
DARLINGTON BOULEVARD RECONSTRUCTION CONCEPTUAL DESIGN OPTIONS

January 31, 2018

BEFORE CONSTRUCTION - (Looking North from Station 1+120)



PLAN VIEW - URBAN DESIGN - STA 1+120 - Scale 1:500



OPTION A - MODIFY EXISTING ROAD

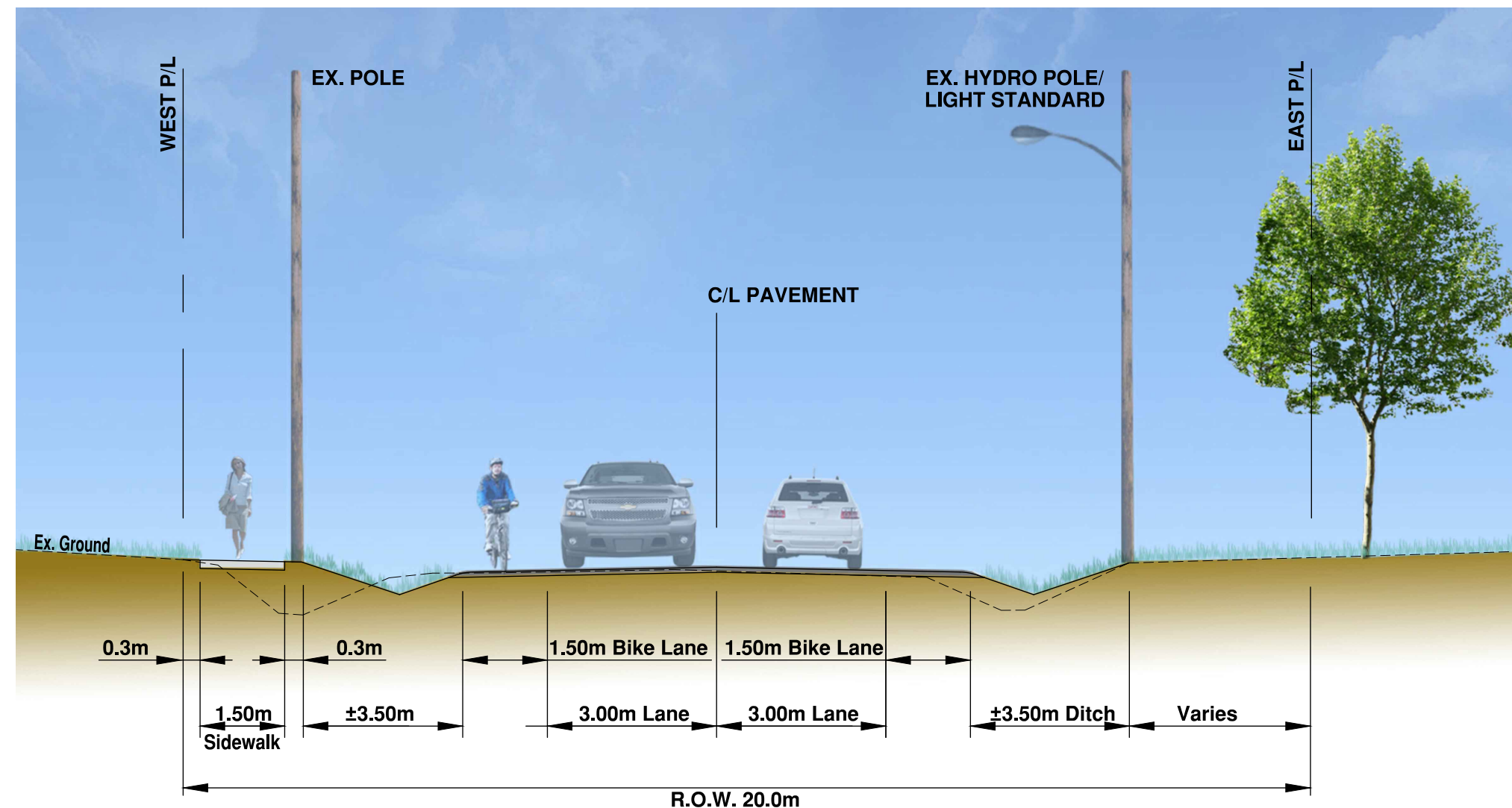


OPTION B - URBAN DESIGN



OPTION A - MODIFY EXISTING ROAD

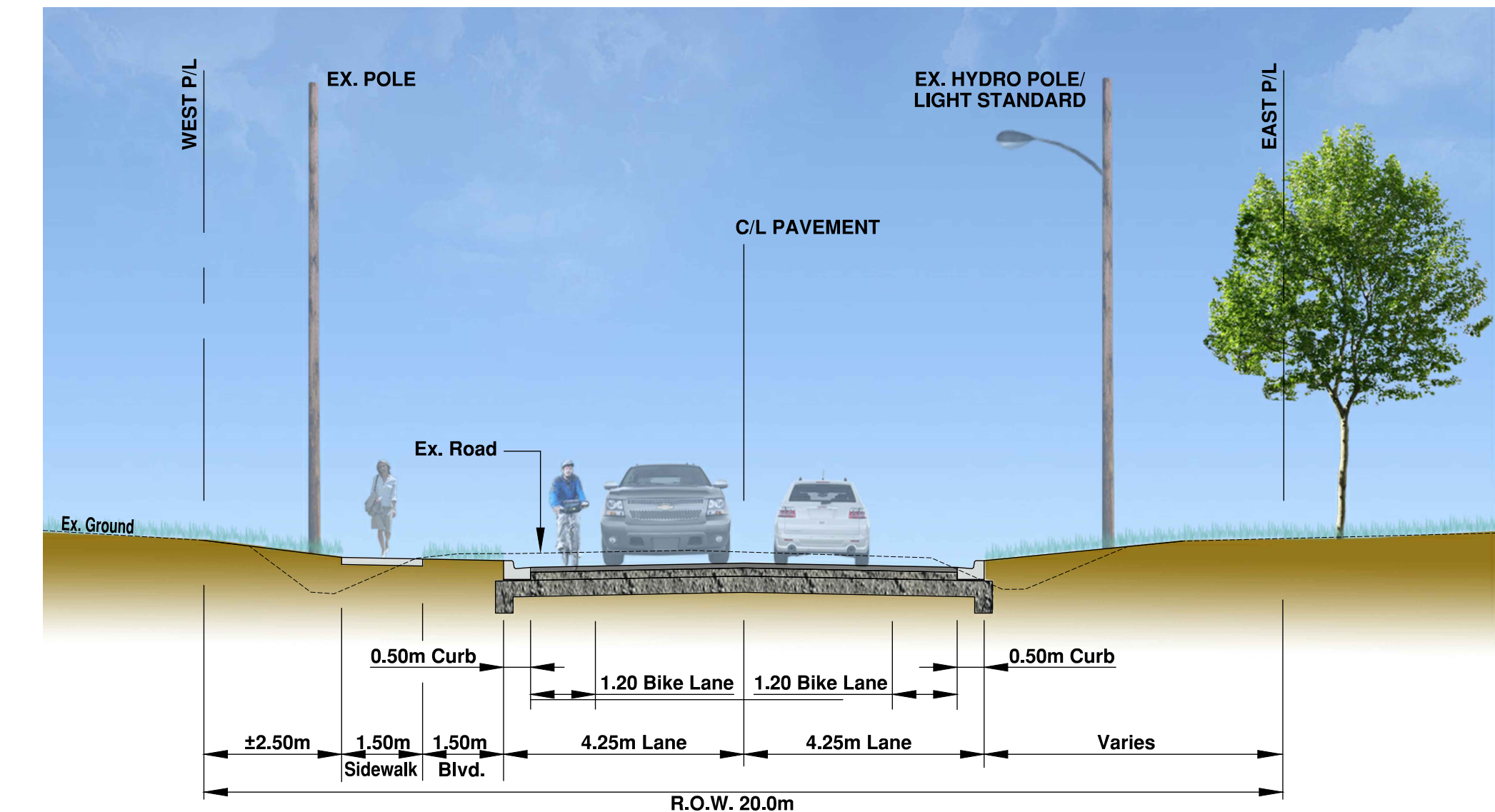
TYPICAL SECTION (Looking North) - Scale 1:100



IMPACTS	OPTION A MODIFY EXISTING ROAD	OPTION B URBAN DESIGN
Ditch and Culverts	Some sections of existing ditch shifted to the east. Some culverts will be replaced	No ditch and culverts, storm sewer needed
Sidewalk	0.3m from west property line	±2.5m from west property line
Cost	Lower construction costs compared to Option B	New storm sewer required, significantly more expensive than Option A
Cross Section	7m asphalt road with paved urban shoulders to facilitate bike travel or parking	8.5m curb and gutter urban section will facilitate bike travel or parking
Roadway Centreline	Minor shift to the east Elevation to remain unchanged	Minor shift to the east Road elevation to be lowered
Front Yards	Similar to existing	Ditch and culverts to be eliminated
Existing Trees	Existing trees at #12, #18, #26, #28 and #36 may be impacted	No tree impacted
Poles	Guy wire at #10, #24 and #42 may be impacted	Bell poles at #22, #24, #28, #30 and #42 may be impacted
Street Lights	Remain unchanged	Remain unchanged
Future Boulevard Trees	Not feasible	Feasible

OPTION B - URBAN DESIGN

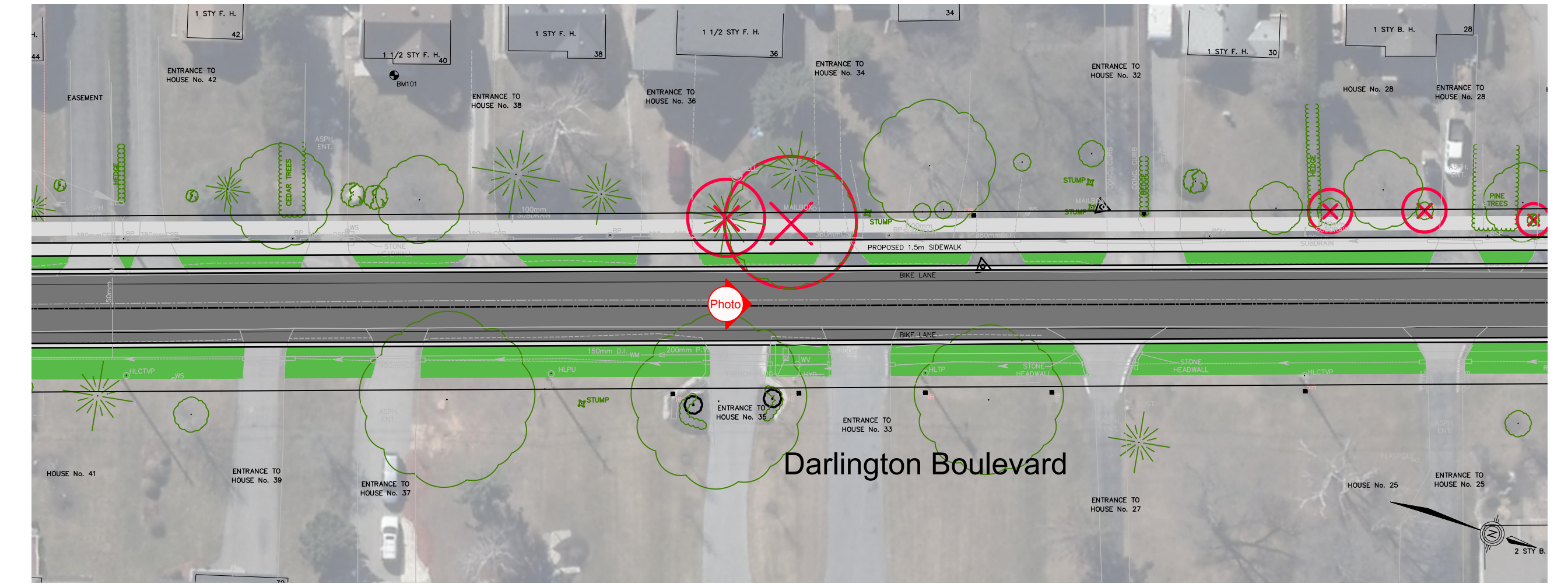
TYPICAL SECTION (Looking North) - Scale 1:100



BEFORE CONSTRUCTION - (Looking North from Station 1+240)



PLAN VIEW - URBAN DESIGN - STA 1+240 - Scale 1:500



OPTION A - MODIFY EXISTING ROAD

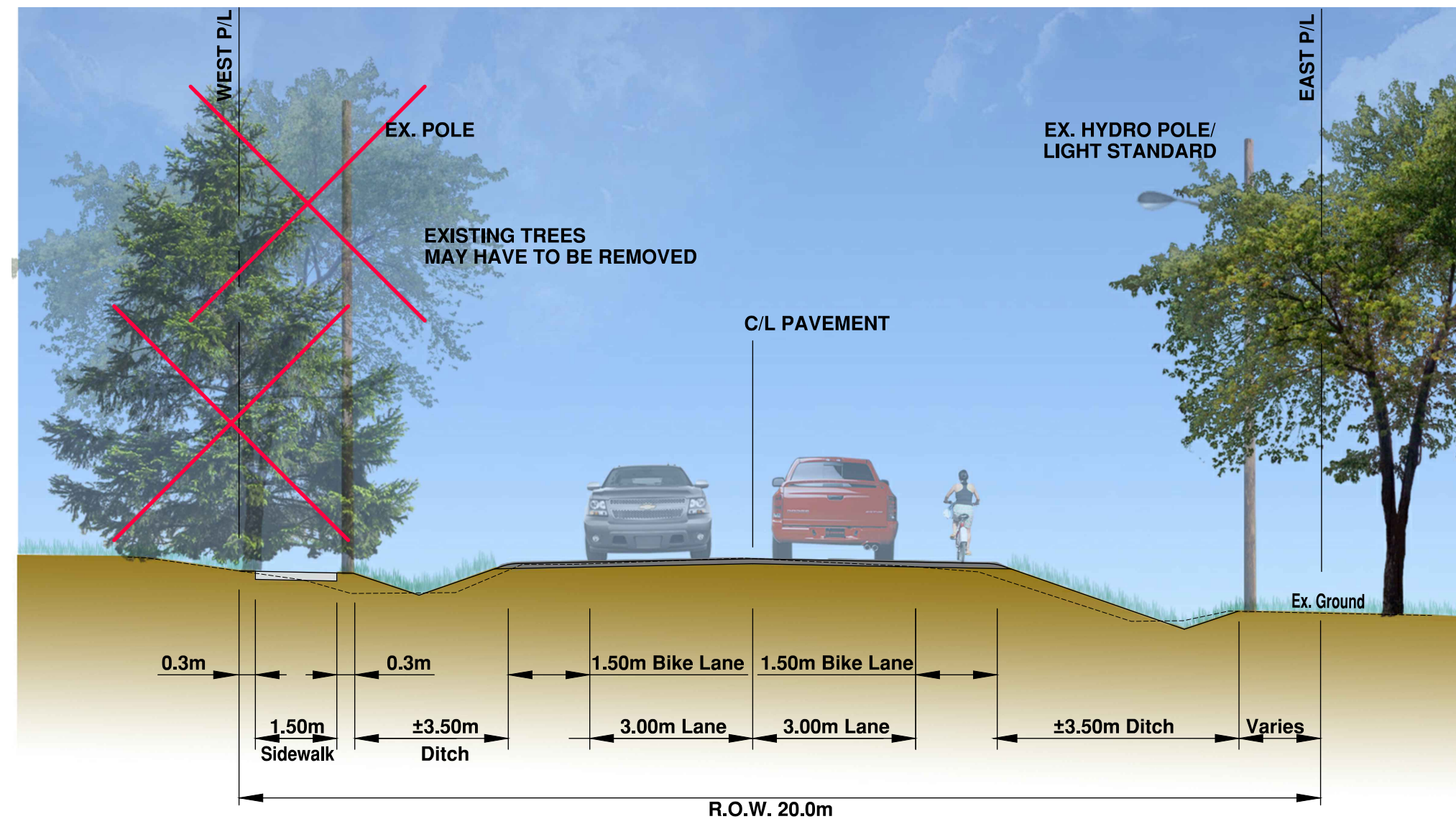


OPTION B - URBAN DESIGN



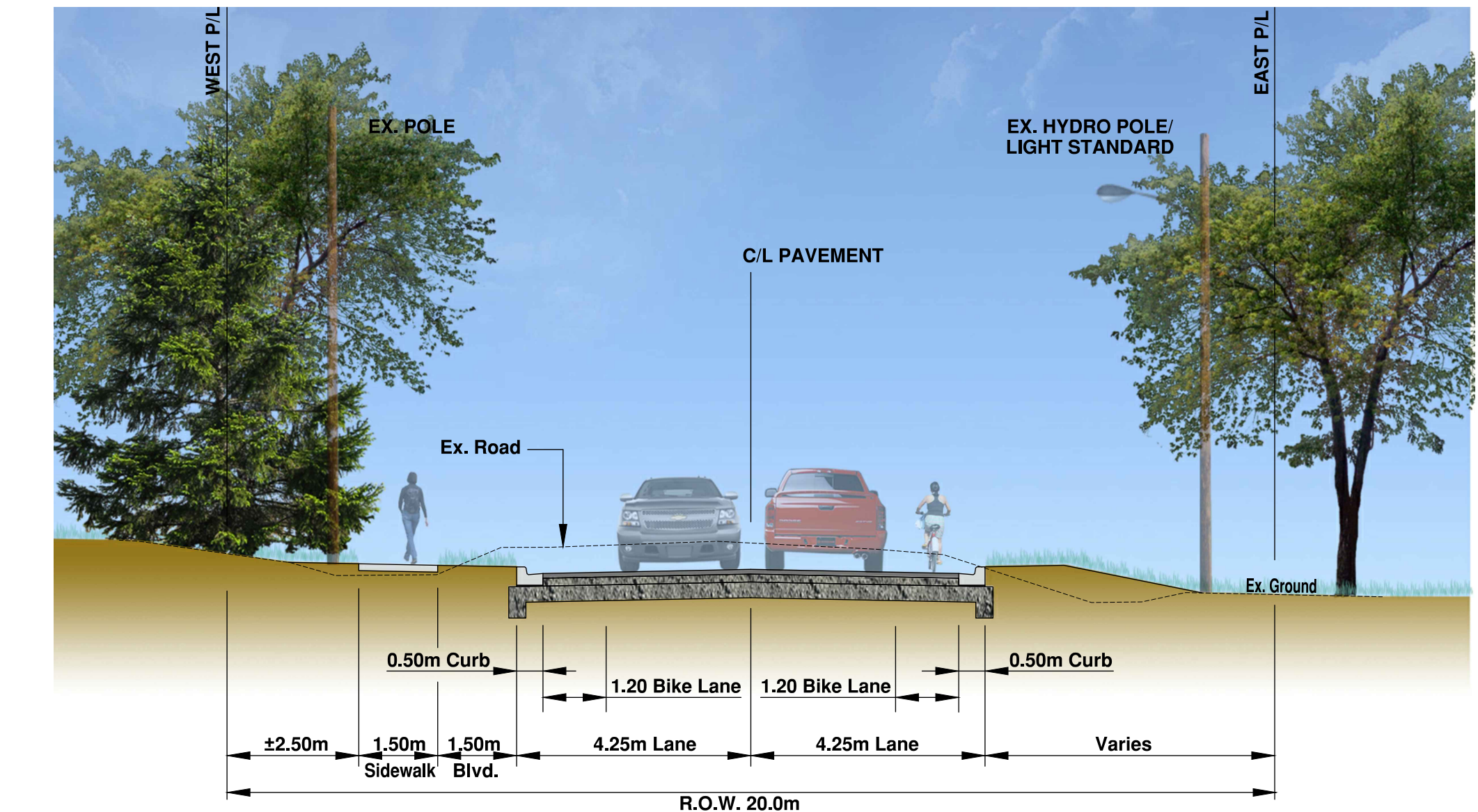
OPTION A - MODIFY EXISTING ROAD

TYPICAL SECTION (Looking North) - Scale 1:100



OPTION B - URBAN DESIGN

TYPICAL SECTION (Looking North) - Scale 1:100



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