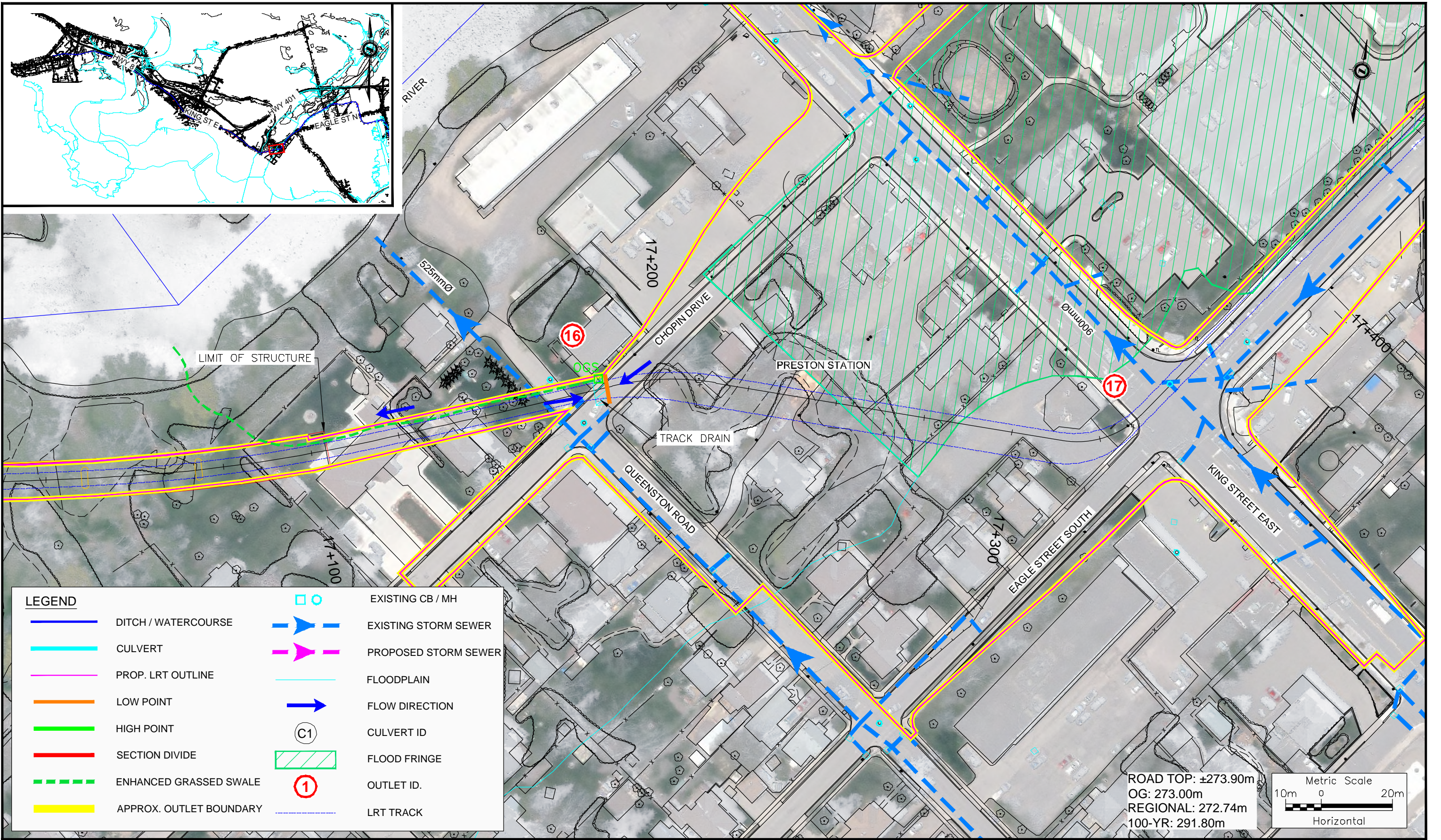


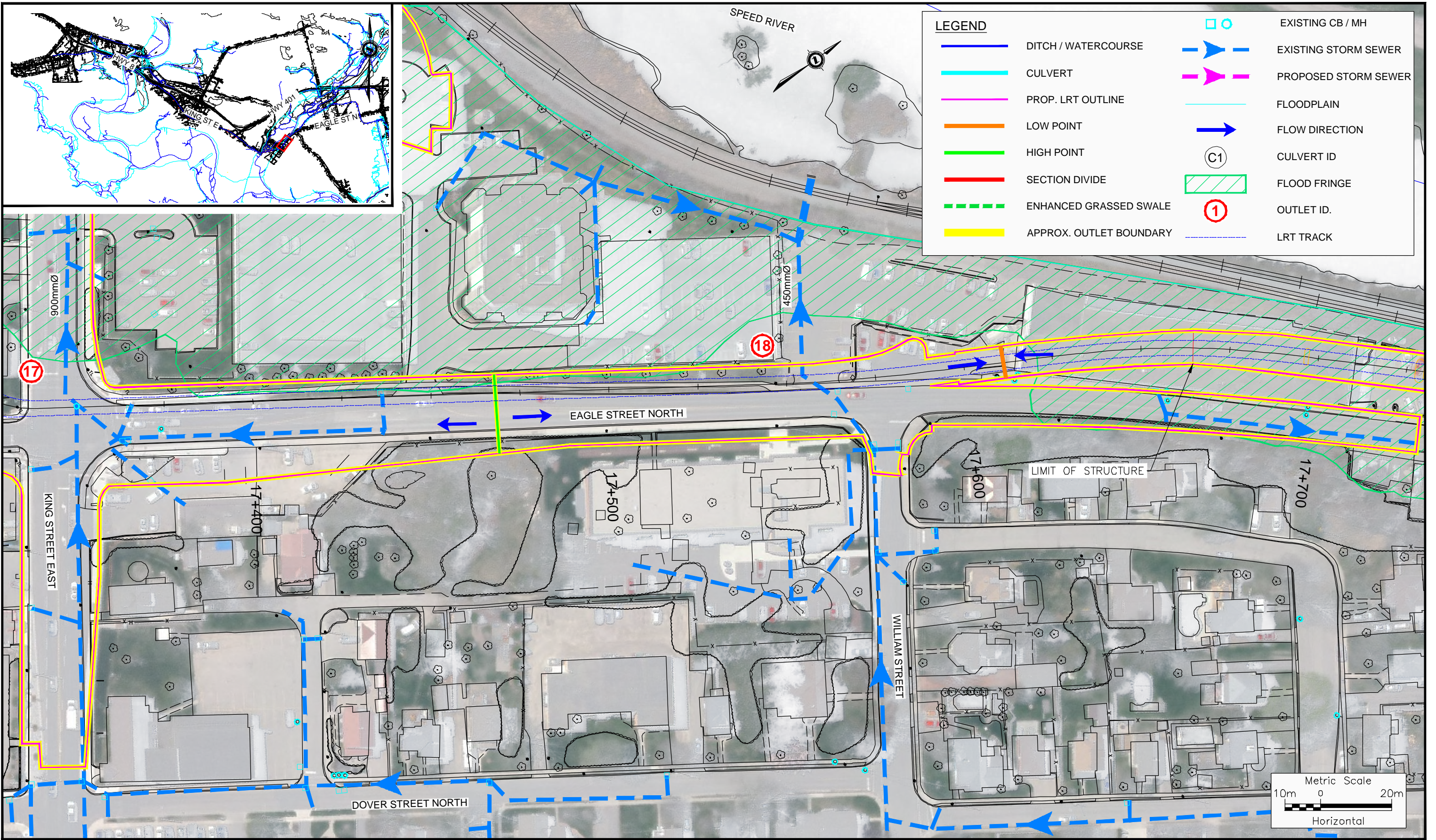
LEGEND			
	DITCH / WATERCOURSE		EXISTING CB / MH
	CULVERT		EXISTING STORM SEWER
	PROP. LRT OUTLINE		PROPOSED STORM SEWER
	LOW POINT		FLOODPLAIN
	HIGH POINT		FLOW DIRECTION
	SECTION DIVIDE		CULVERT ID
	ENHANCED GRASSED SWALE		FLOOD FRINGE
	APPROX. OUTLET BOUNDARY		OUTLET ID.
			LRT TRACK



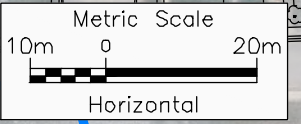
PROPOSED DRAINAGE CONCEPT PLAN - SECTION N & N3e
 STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE

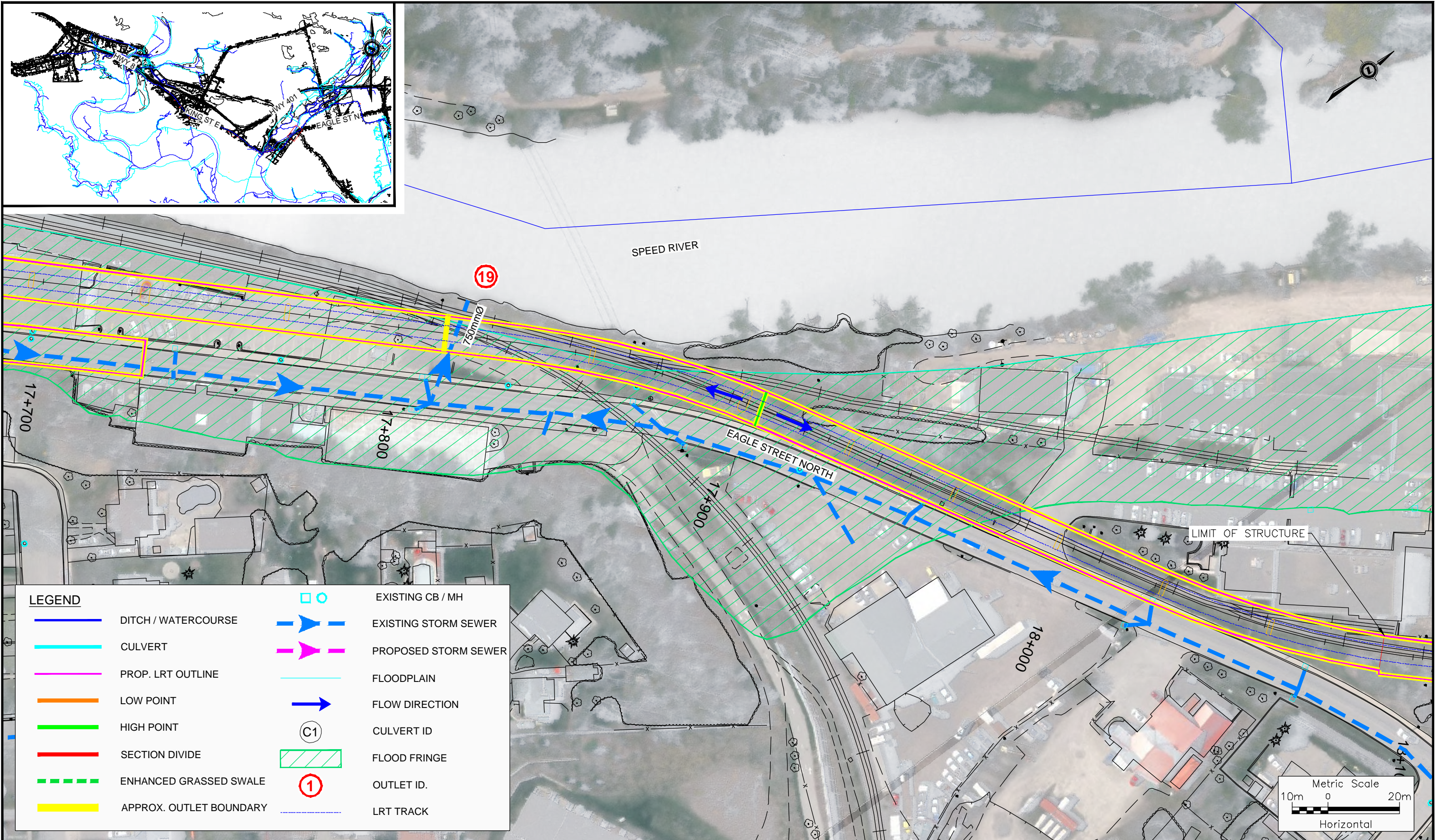


PROPOSED DRAINAGE CONCEPT PLAN - SECTION N3e
 STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE

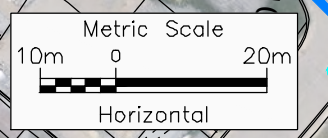


PROPOSED DRAINAGE CONCEPT PLAN - SECTION N3e
 STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE

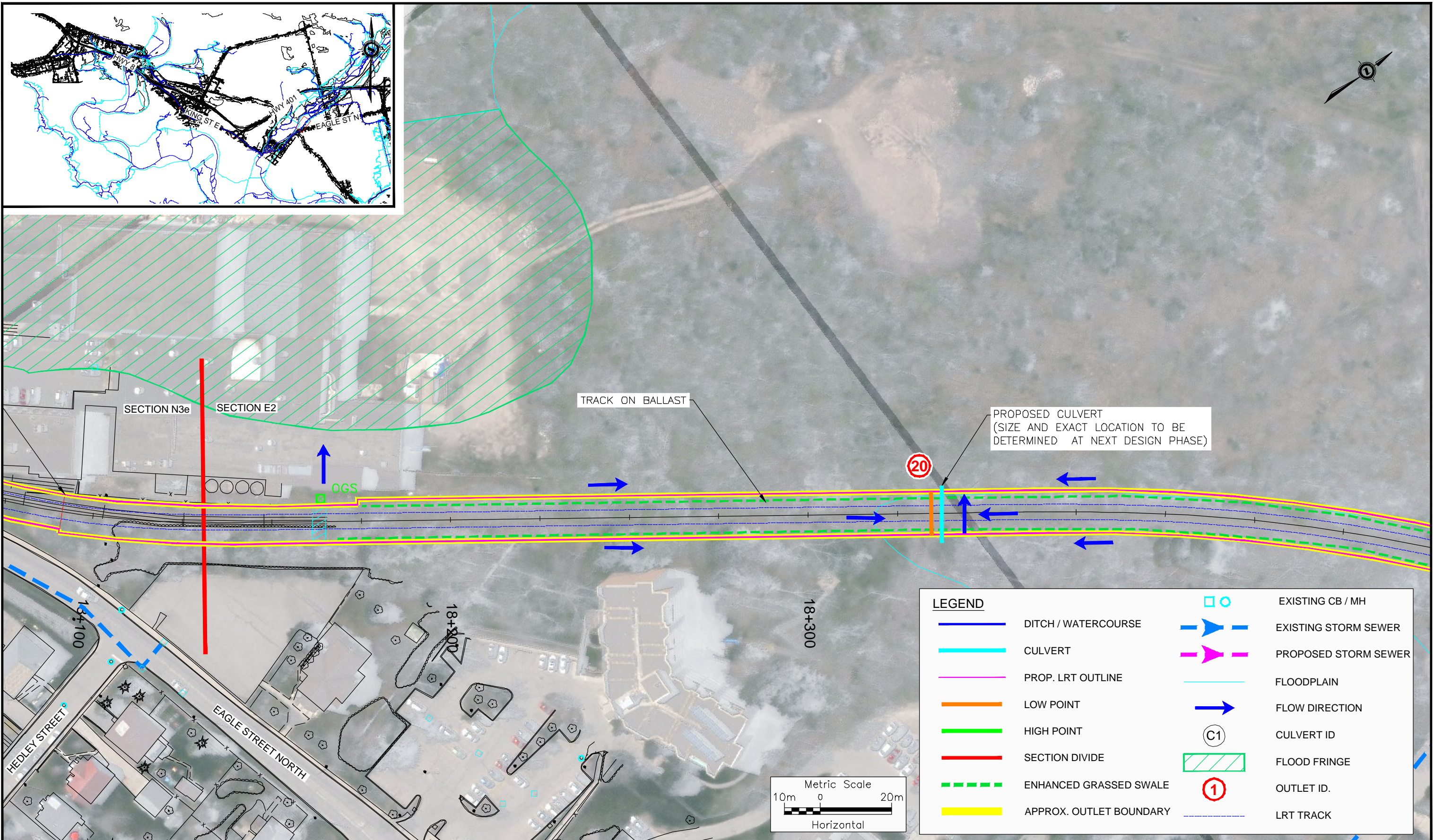




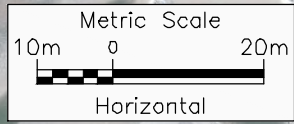
LEGEND			
	DITCH / WATERCOURSE		EXISTING STORM SEWER
	CULVERT		PROPOSED STORM SEWER
	PROP. LRT OUTLINE		FLOODPLAIN
	LOW POINT		FLOW DIRECTION
	HIGH POINT		CULVERT ID
	SECTION DIVIDE		FLOOD FRINGE
	ENHANCED GRASSED SWALE		OUTLET ID.
	APPROX. OUTLET BOUNDARY		LRT TRACK



PROPOSED DRAINAGE CONCEPT PLAN - SECTION N3e
 STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE

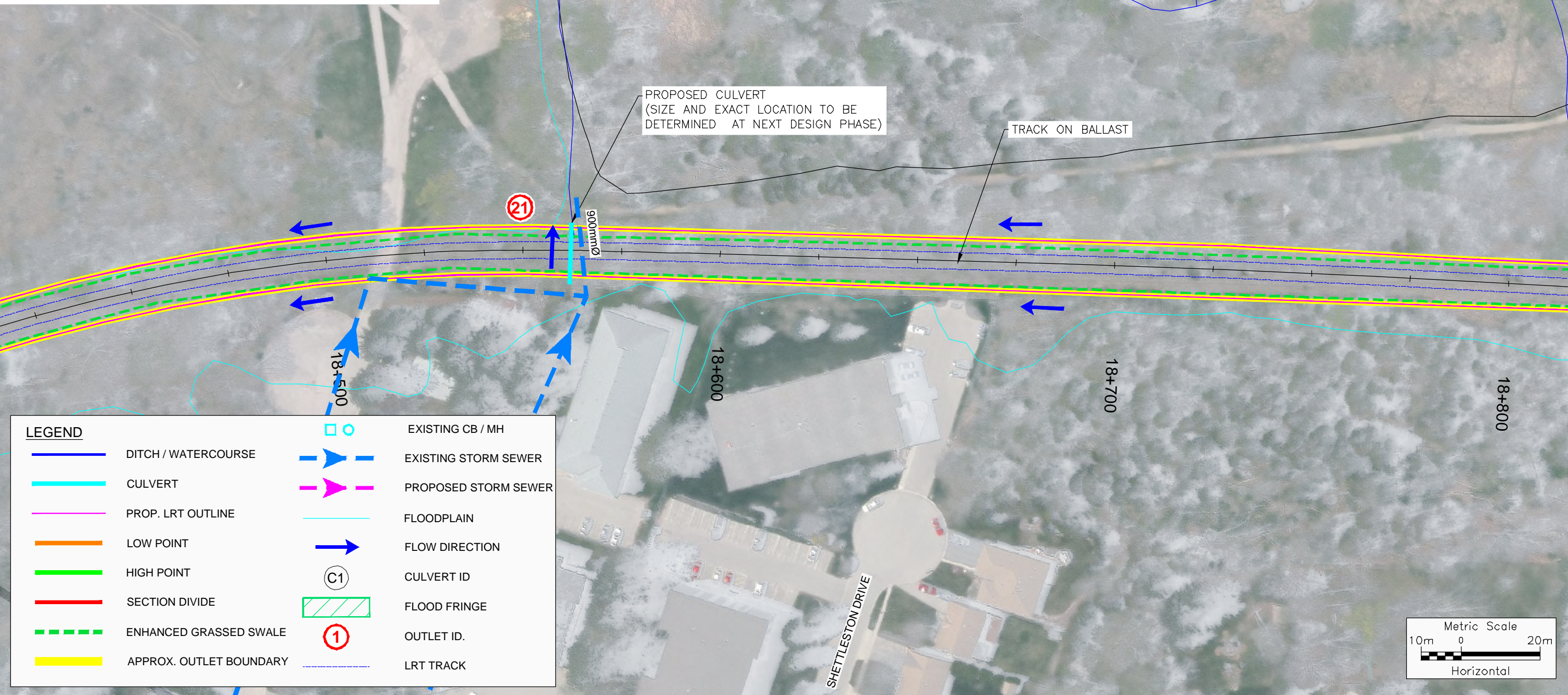
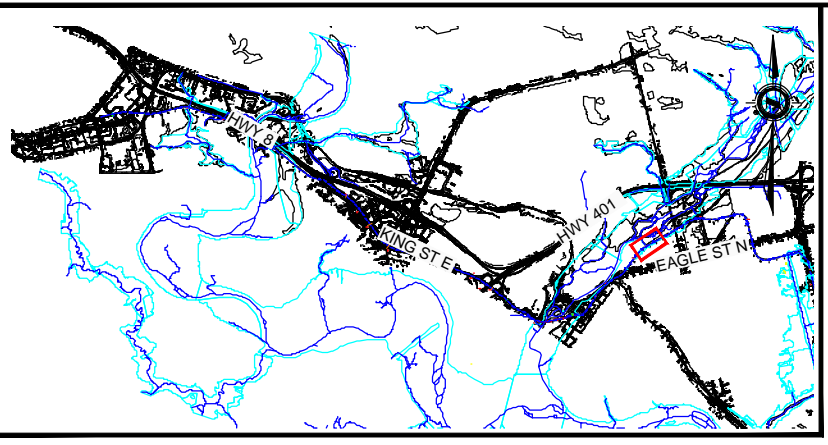


LEGEND			
	DITCH / WATERCOURSE		EXISTING CB / MH
	CULVERT		EXISTING STORM SEWER
	PROP. LRT OUTLINE		PROPOSED STORM SEWER
	LOW POINT		FLOODPLAIN
	HIGH POINT		FLOW DIRECTION
	SECTION DIVIDE		CULVERT ID
	ENHANCED GRASSED SWALE		FLOOD FRINGE
	APPROX. OUTLET BOUNDARY		OUTLET ID.
			LRT TRACK

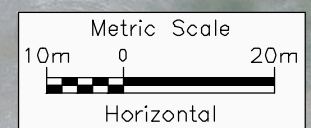


PROPOSED DRAINAGE CONCEPT PLAN - SECTION N3e & E2

STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE

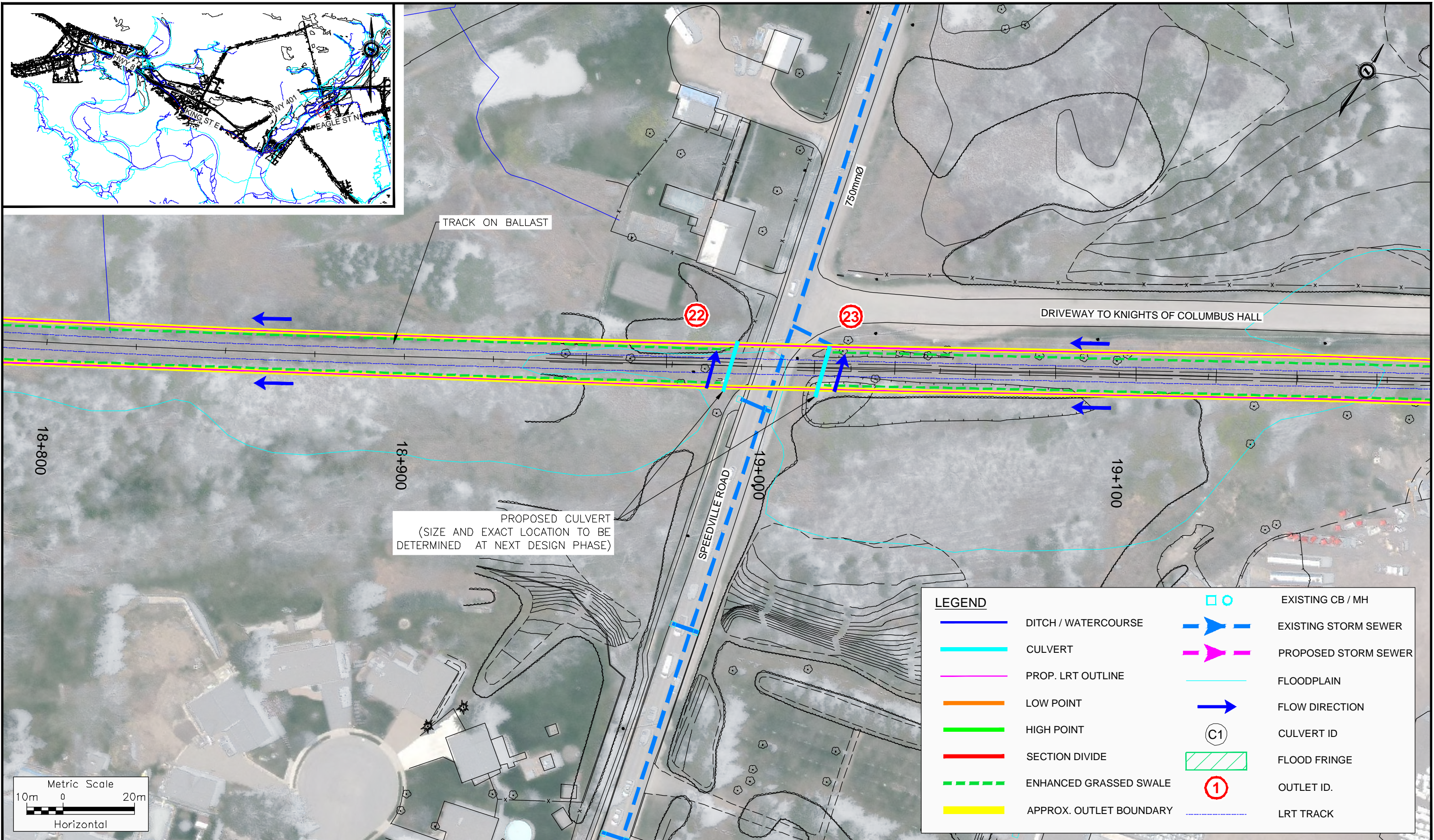


LEGEND			
	DITCH / WATERCOURSE		EXISTING STORM SEWER
	CULVERT		PROPOSED STORM SEWER
	PROP. LRT OUTLINE		FLOODPLAIN
	LOW POINT		FLOW DIRECTION
	HIGH POINT		CULVERT ID
	SECTION DIVIDE		FLOOD FRINGE
	ENHANCED GRASSED SWALE		OUTLET ID.
	APPROX. OUTLET BOUNDARY		LRT TRACK



PROPOSED DRAINAGE CONCEPT PLAN - SECTION E2

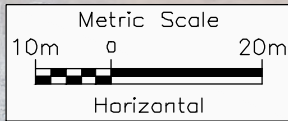
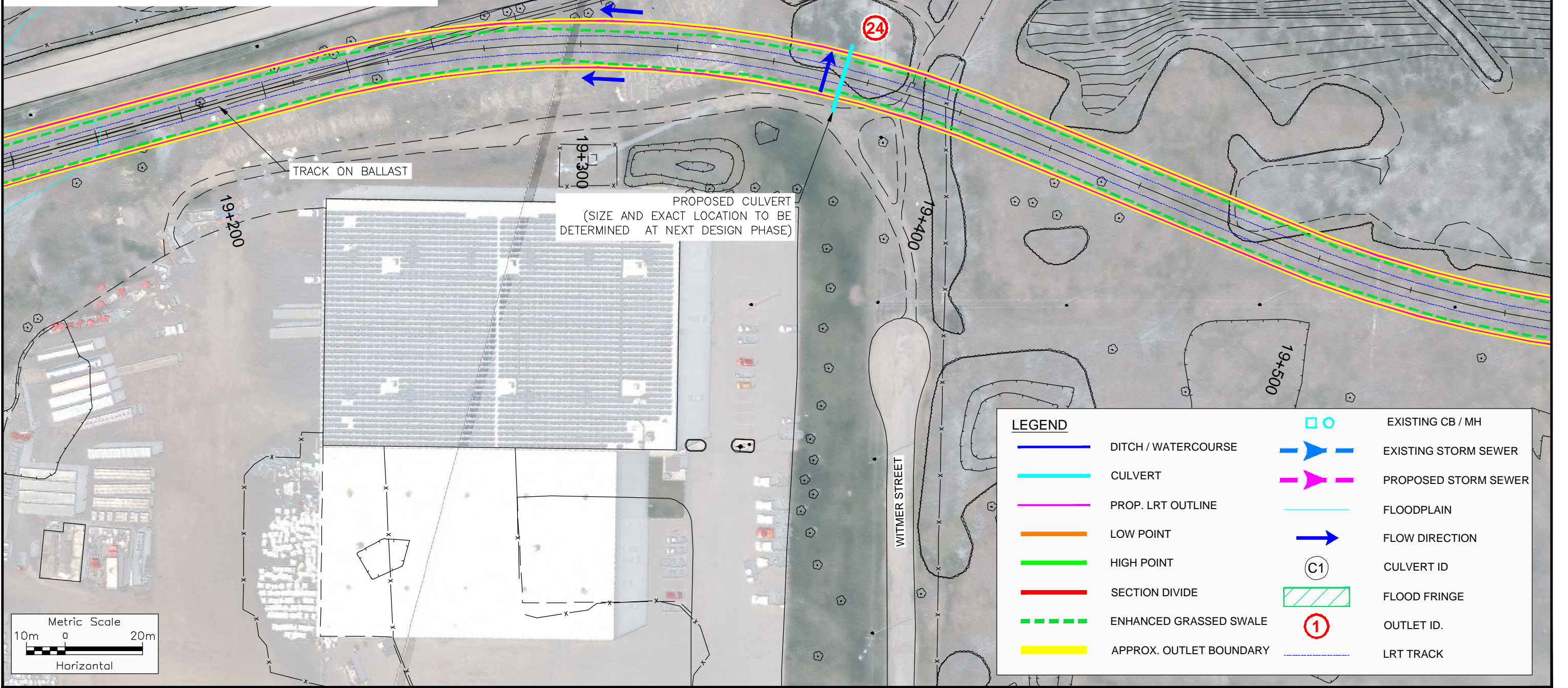
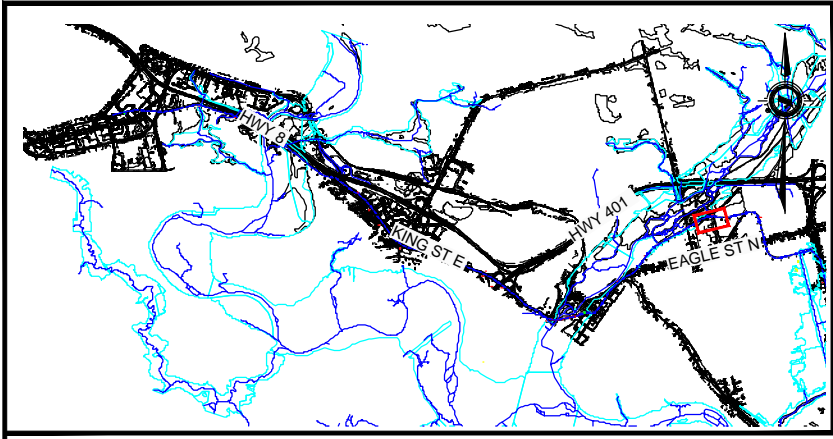
STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE



PROPOSED DRAINAGE CONCEPT PLAN - SECTION E2

STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE

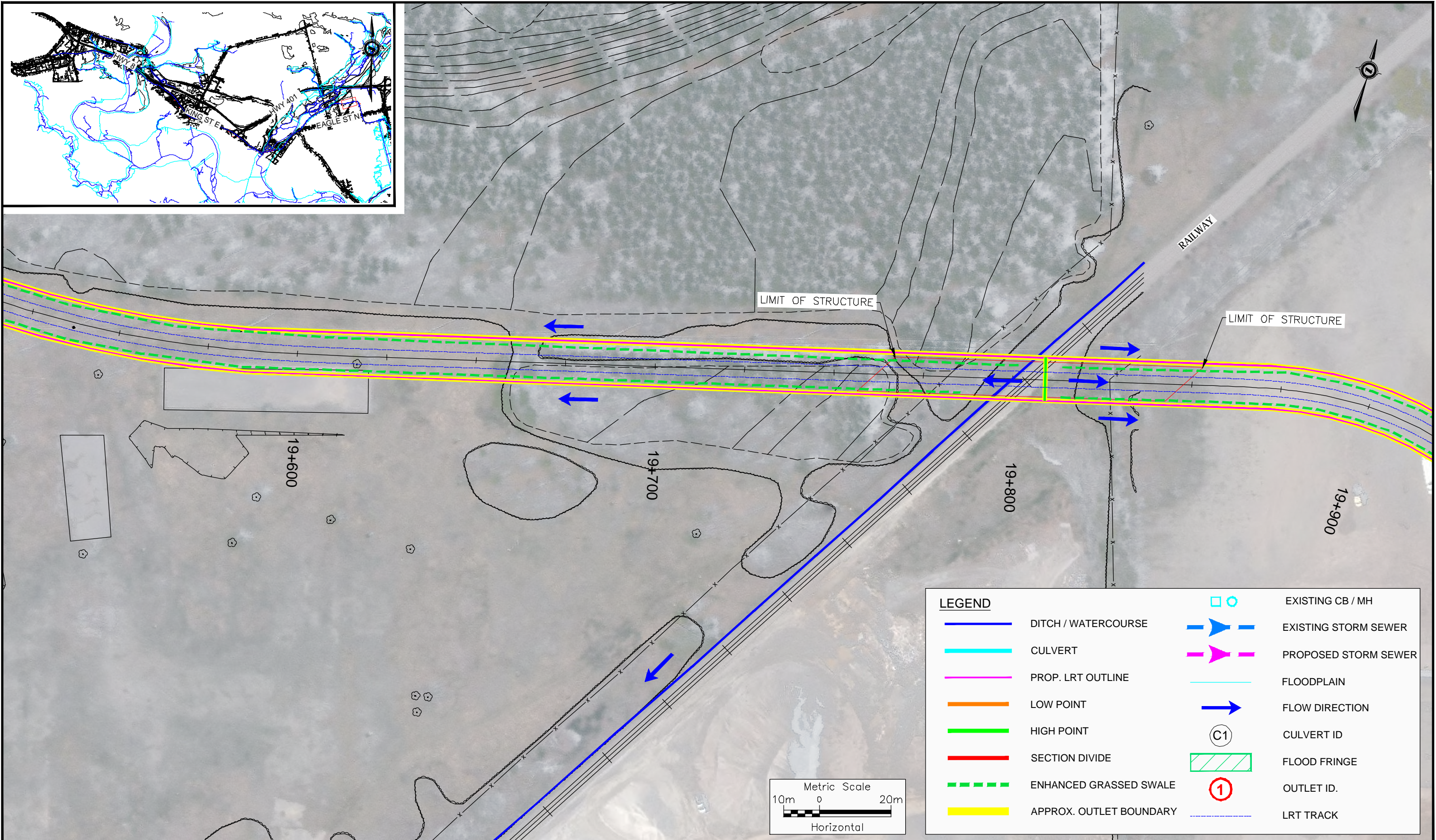




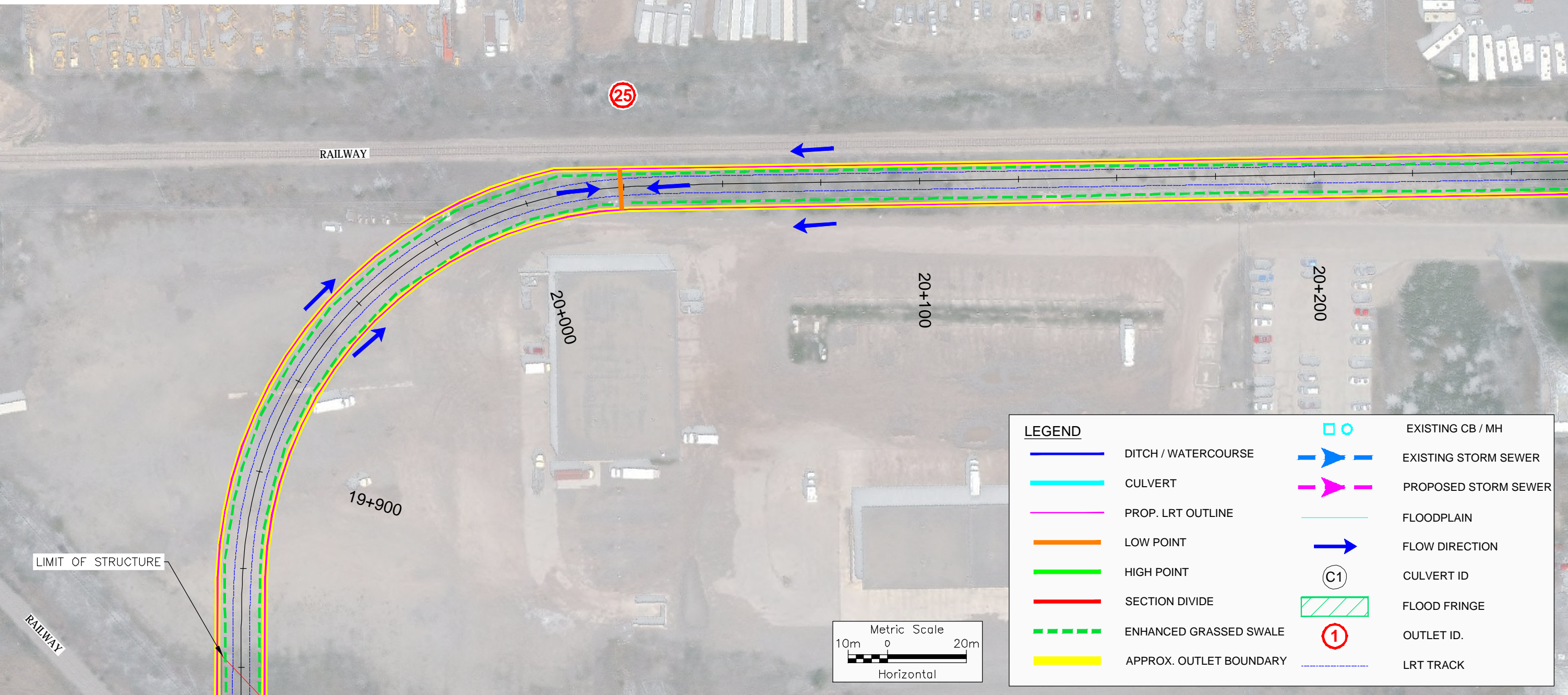
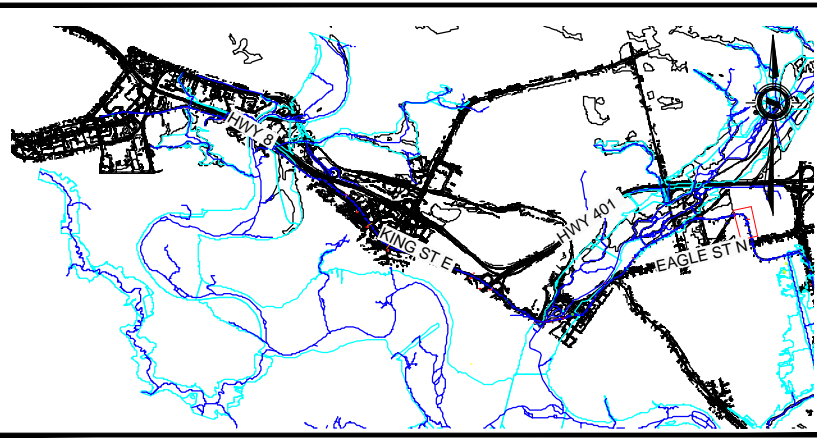
LEGEND			
	DITCH / WATERCOURSE		EXISTING STORM SEWER
	CULVERT		PROPOSED STORM SEWER
	PROP. LRT OUTLINE		FLOODPLAIN
	LOW POINT		FLOW DIRECTION
	HIGH POINT		CULVERT ID
	SECTION DIVIDE		FLOOD FRINGE
	ENHANCED GRASSED SWALE		OUTLET ID.
	APPROX. OUTLET BOUNDARY		LRT TRACK
			EXISTING CB / MH



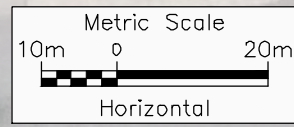
PROPOSED DRAINAGE CONCEPT PLAN - SECTION E2
 STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE



PROPOSED DRAINAGE CONCEPT PLAN - SECTION E2
 STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE



LEGEND			
	DITCH / WATERCOURSE		EXISTING STORM SEWER
	CULVERT		PROPOSED STORM SEWER
	PROP. LRT OUTLINE		FLOODPLAIN
	LOW POINT		FLOW DIRECTION
	HIGH POINT		CULVERT ID
	SECTION DIVIDE		FLOOD FRINGE
	ENHANCED GRASSED SWALE		OUTLET ID.
	APPROX. OUTLET BOUNDARY		LRT TRACK



LIMIT OF STRUCTURE

RAILWAY

RAILWAY

19+900

20+000

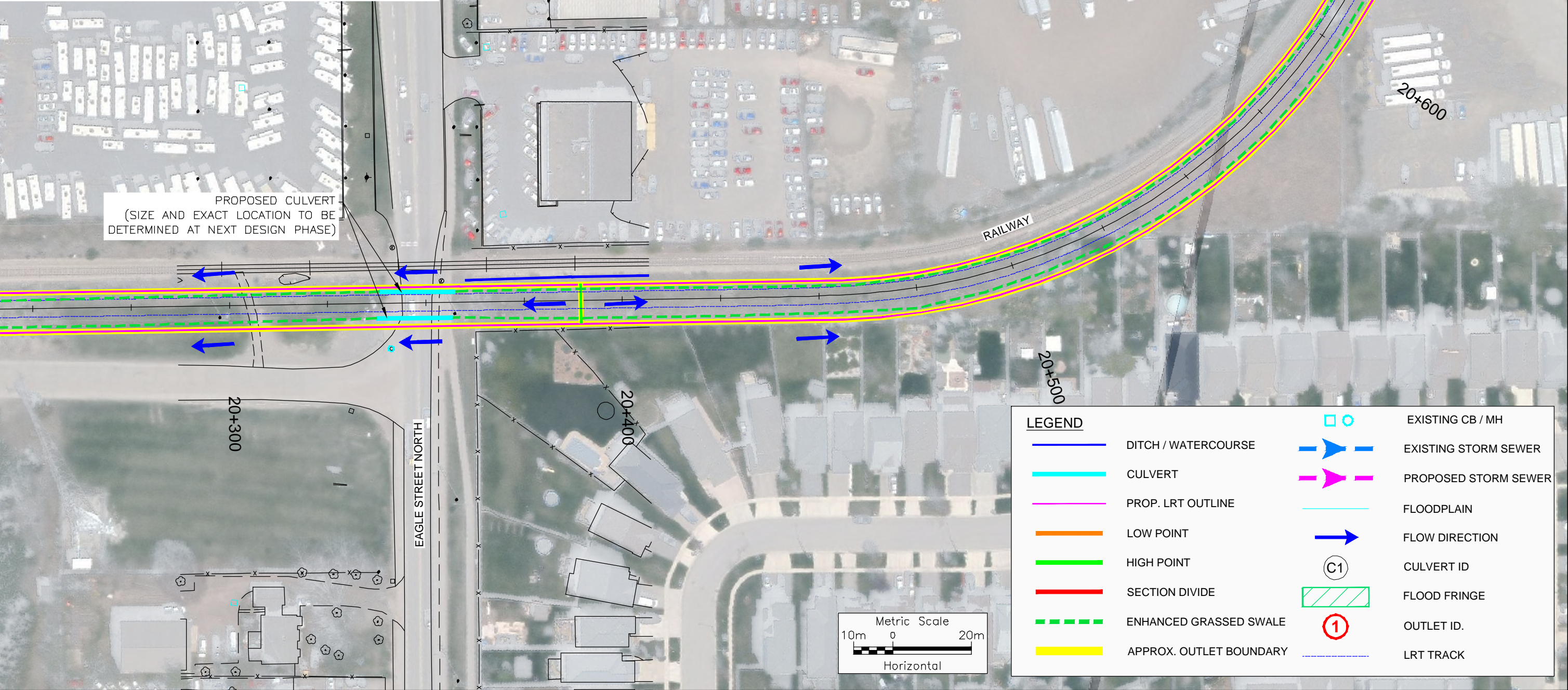
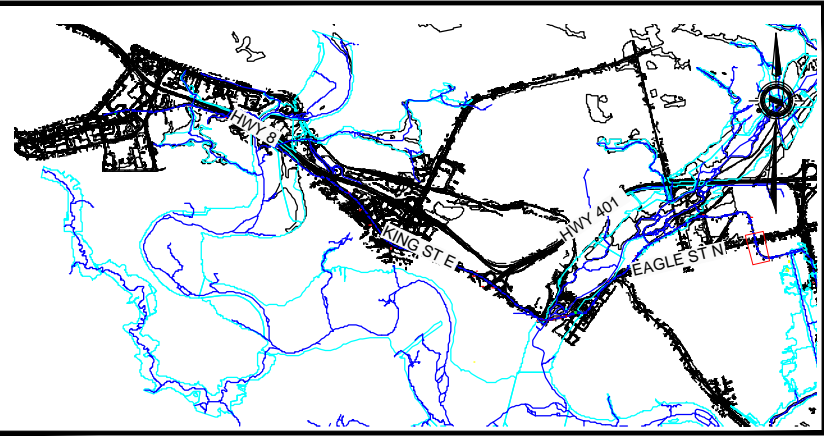
20+100

20+200

25

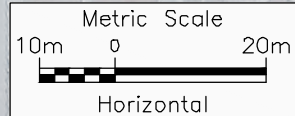


PROPOSED DRAINAGE CONCEPT PLAN - SECTION E2
STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE

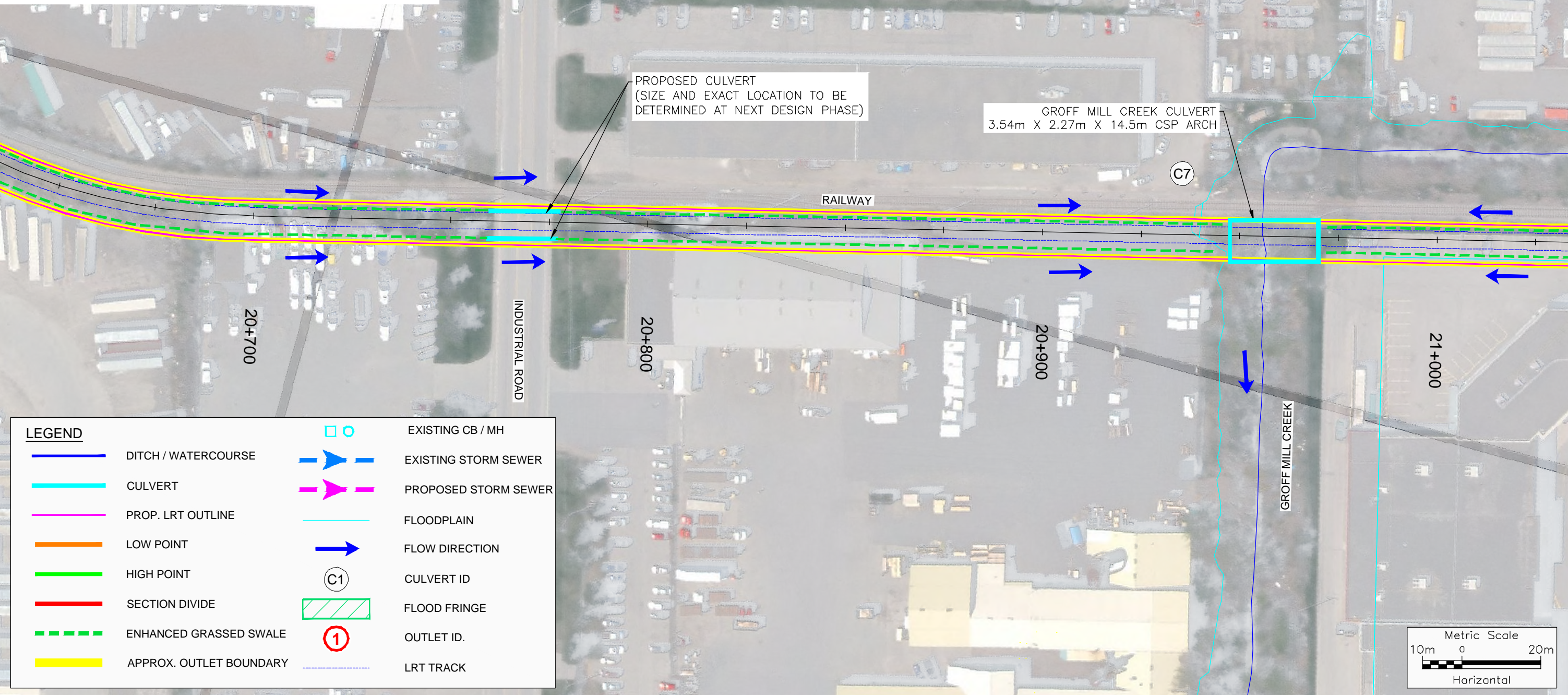
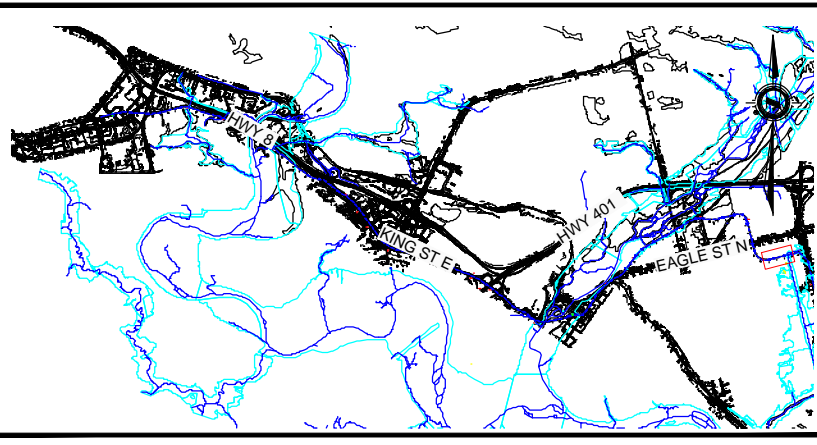


PROPOSED CULVERT
(SIZE AND EXACT LOCATION TO BE
DETERMINED AT NEXT DESIGN PHASE)

LEGEND			
	DITCH / WATERCOURSE		EXISTING CB / MH
	CULVERT		EXISTING STORM SEWER
	PROP. LRT OUTLINE		PROPOSED STORM SEWER
	LOW POINT		FLOODPLAIN
	HIGH POINT		FLOW DIRECTION
	SECTION DIVIDE		CULVERT ID
	ENHANCED GRASSED SWALE		FLOOD FRINGE
	APPROX. OUTLET BOUNDARY		OUTLET ID.
			LRT TRACK



PROPOSED DRAINAGE CONCEPT PLAN - SECTION E2
STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE



PROPOSED CULVERT
(SIZE AND EXACT LOCATION TO BE
DETERMINED AT NEXT DESIGN PHASE)

GROFF MILL CREEK CULVERT
3.54m X 2.27m X 14.5m CSP ARCH

RAILWAY

C7

20+700

INDUSTRIAL ROAD

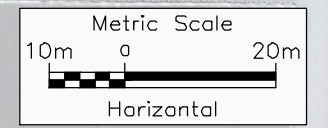
20+800

20+900

21+000

GROFF MILL CREEK

LEGEND			
	DITCH / WATERCOURSE		EXISTING STORM SEWER
	CULVERT		PROPOSED STORM SEWER
	PROP. LRT OUTLINE		FLOODPLAIN
	LOW POINT		FLOW DIRECTION
	HIGH POINT		CULVERT ID
	SECTION DIVIDE		FLOOD FRINGE
	ENHANCED GRASSED SWALE		OUTLET ID.
	APPROX. OUTLET BOUNDARY		LRT TRACK
	EXISTING CB / MH		

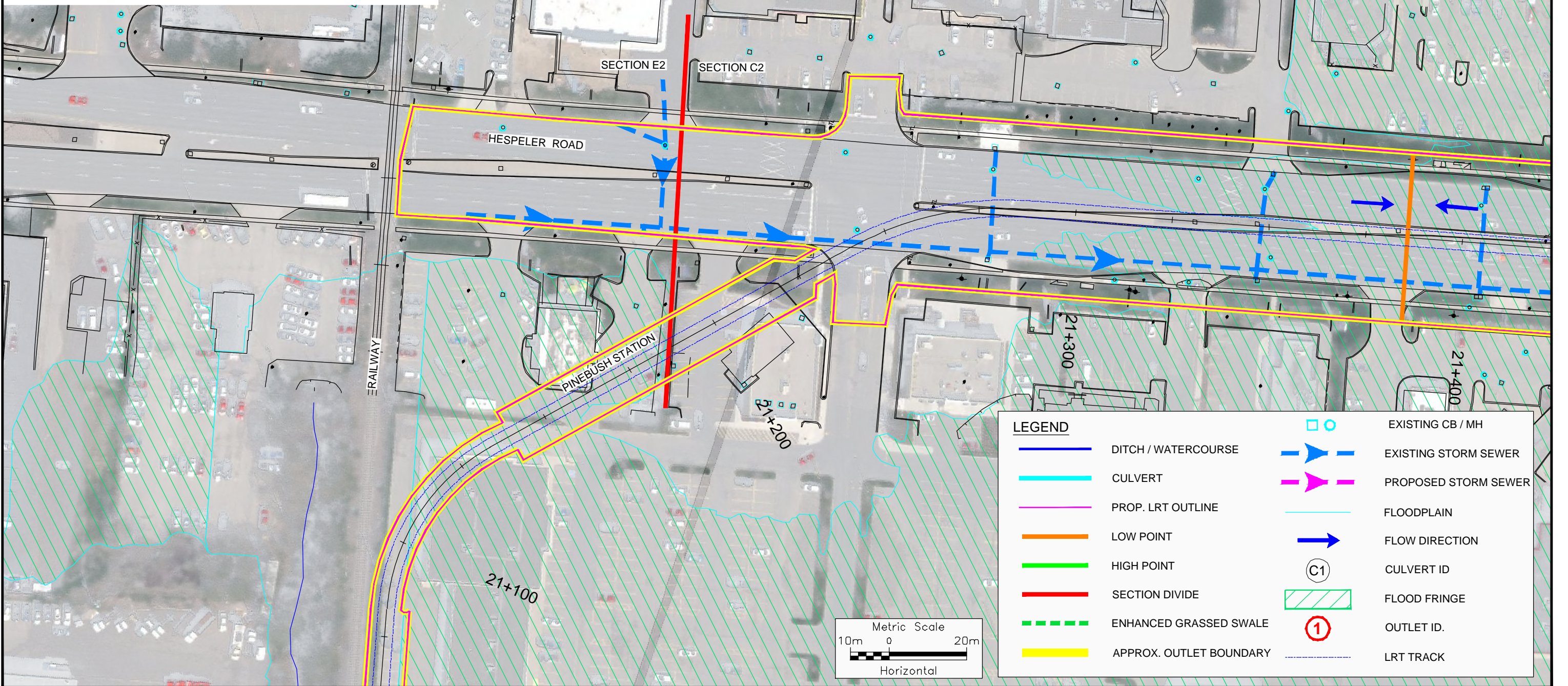
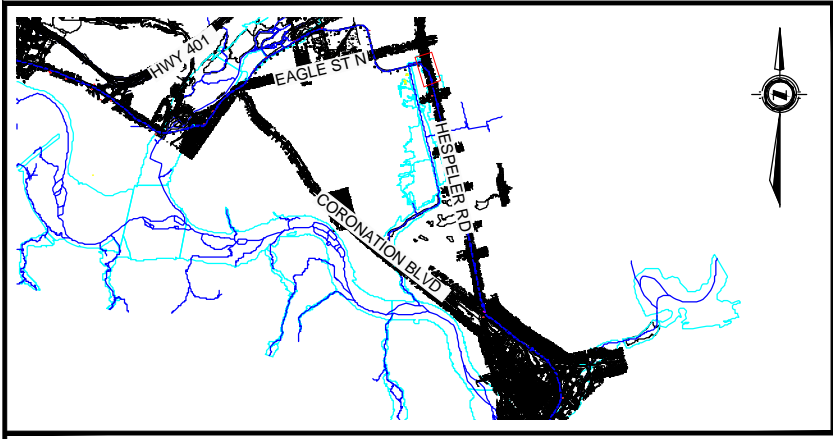


EXISTING DRAINAGE - SECTION E2 - MAP 30

STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE

EXHIBIT

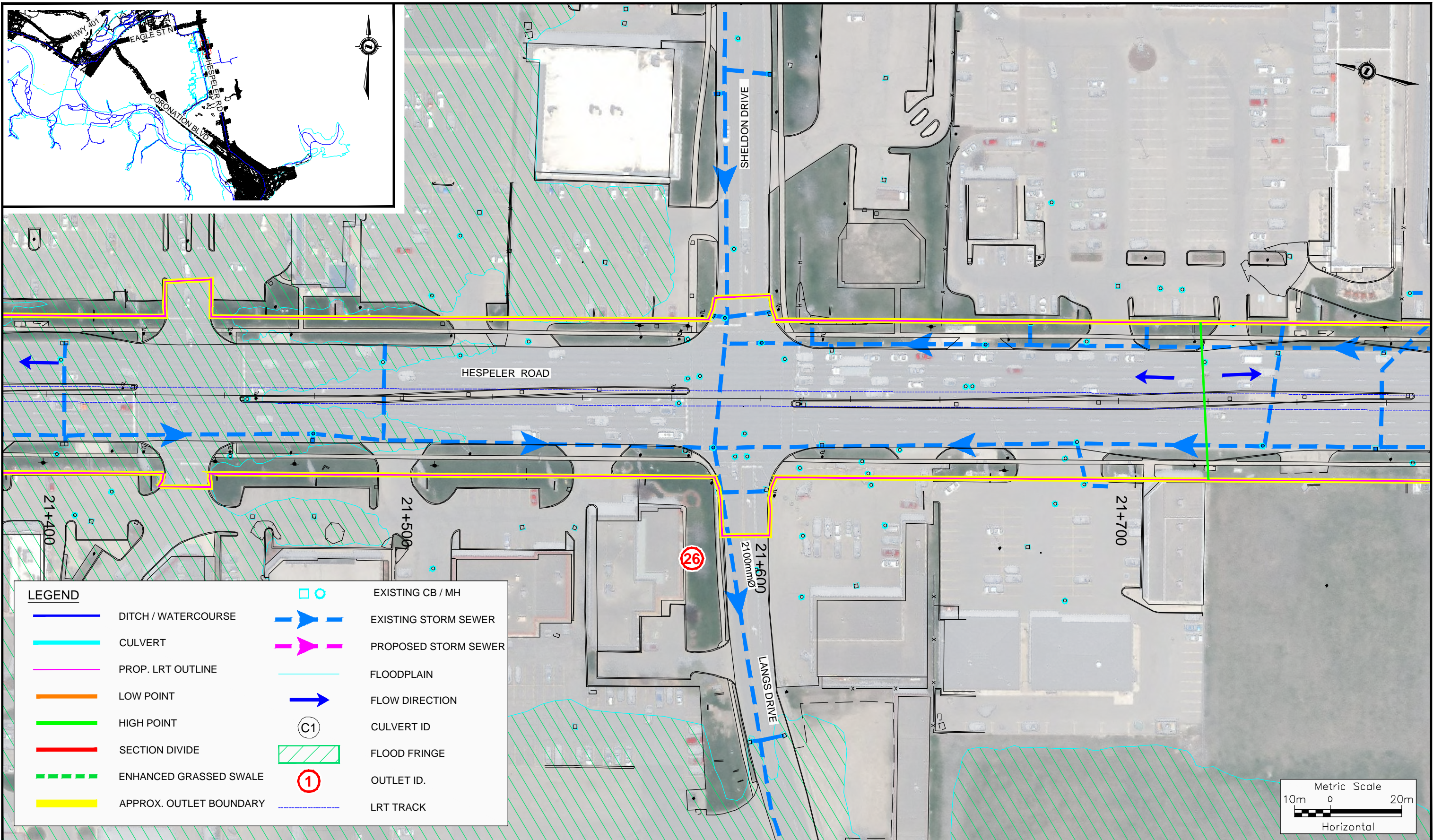
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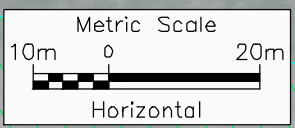
LEGEND			
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	CULVERT		PROPOSED STORM SEWER
	PROP. LRT OUTLINE		FLOODPLAIN
	LOW POINT		FLOW DIRECTION
	HIGH POINT		CULVERT ID
	SECTION DIVIDE		FLOOD FRINGE
	ENHANCED GRASSED SWALE		OUTLET ID.
	APPROX. OUTLET BOUNDARY		LRT TRACK



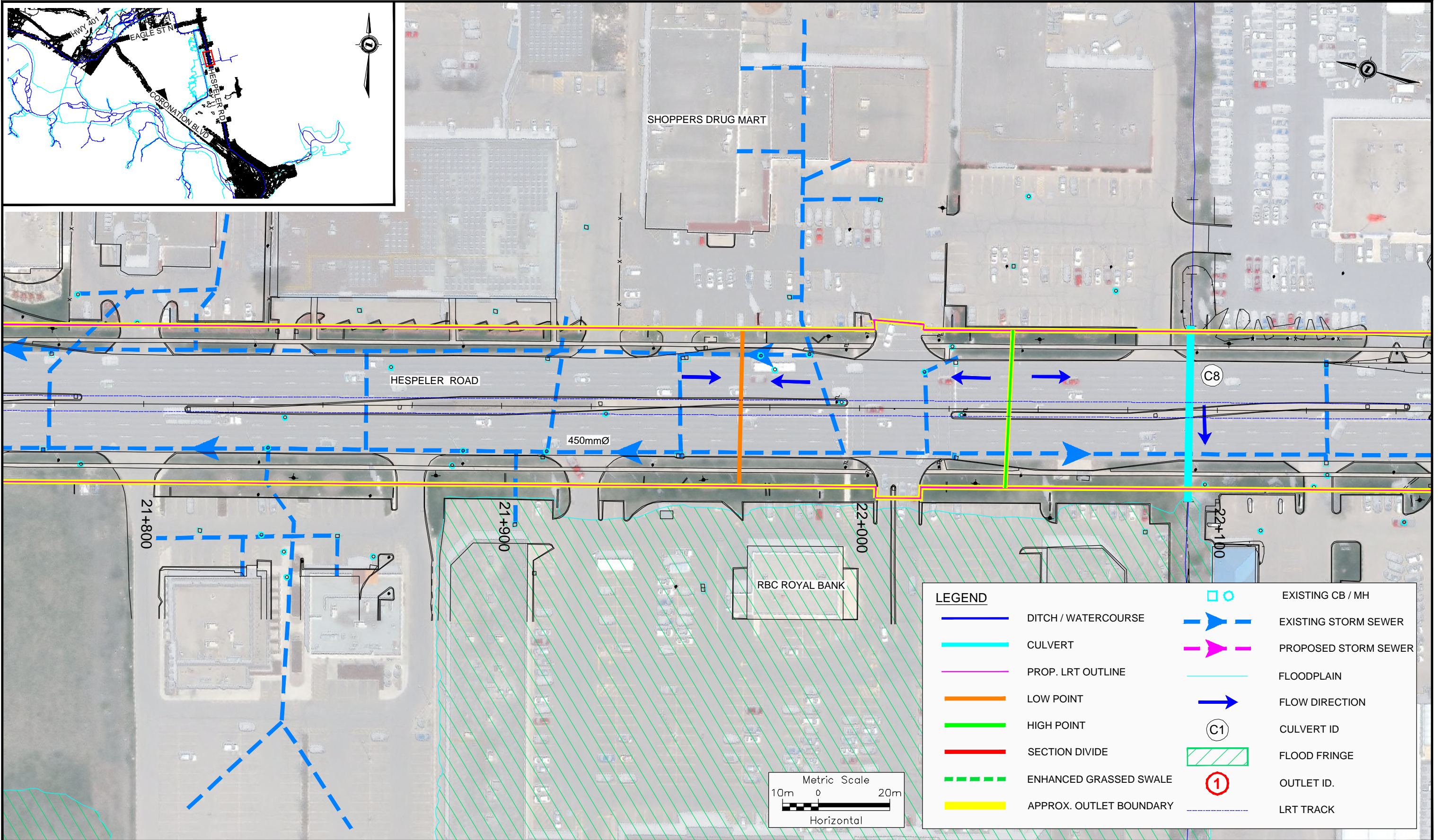
PROPOSED DRAINAGE CONCEPT PLAN - SECTION E2 & C2
 STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE



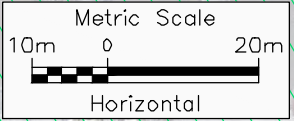
LEGEND			
	DITCH / WATERCOURSE		EXISTING CB / MH
	CULVERT		EXISTING STORM SEWER
	PROP. LRT OUTLINE		PROPOSED STORM SEWER
	LOW POINT		FLOODPLAIN
	HIGH POINT		FLOW DIRECTION
	SECTION DIVIDE		CULVERT ID
	ENHANCED GRASSED SWALE		FLOOD FRINGE
	APPROX. OUTLET BOUNDARY		OUTLET ID.
			LRT TRACK



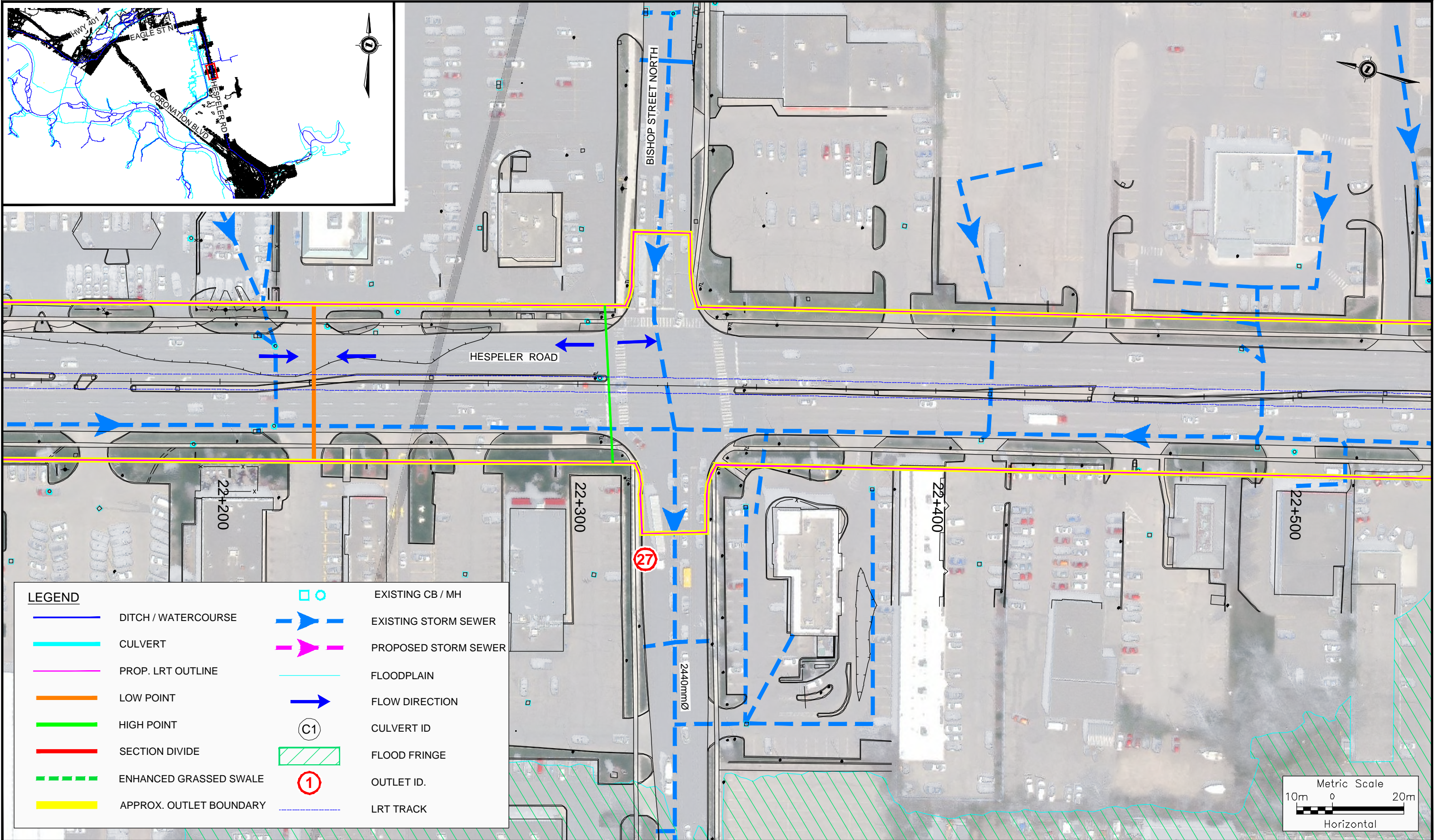
PROPOSED DRAINAGE CONCEPT PLAN - SECTION C2
 STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE



LEGEND			
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	CULVERT		PROPOSED STORM SEWER
	PROP. LRT OUTLINE		FLOODPLAIN
	LOW POINT		FLOW DIRECTION
	HIGH POINT		CULVERT ID
	SECTION DIVIDE		FLOOD FRINGE
	ENHANCED GRASSED SWALE		OUTLET ID.
	APPROX. OUTLET BOUNDARY		LRT TRACK



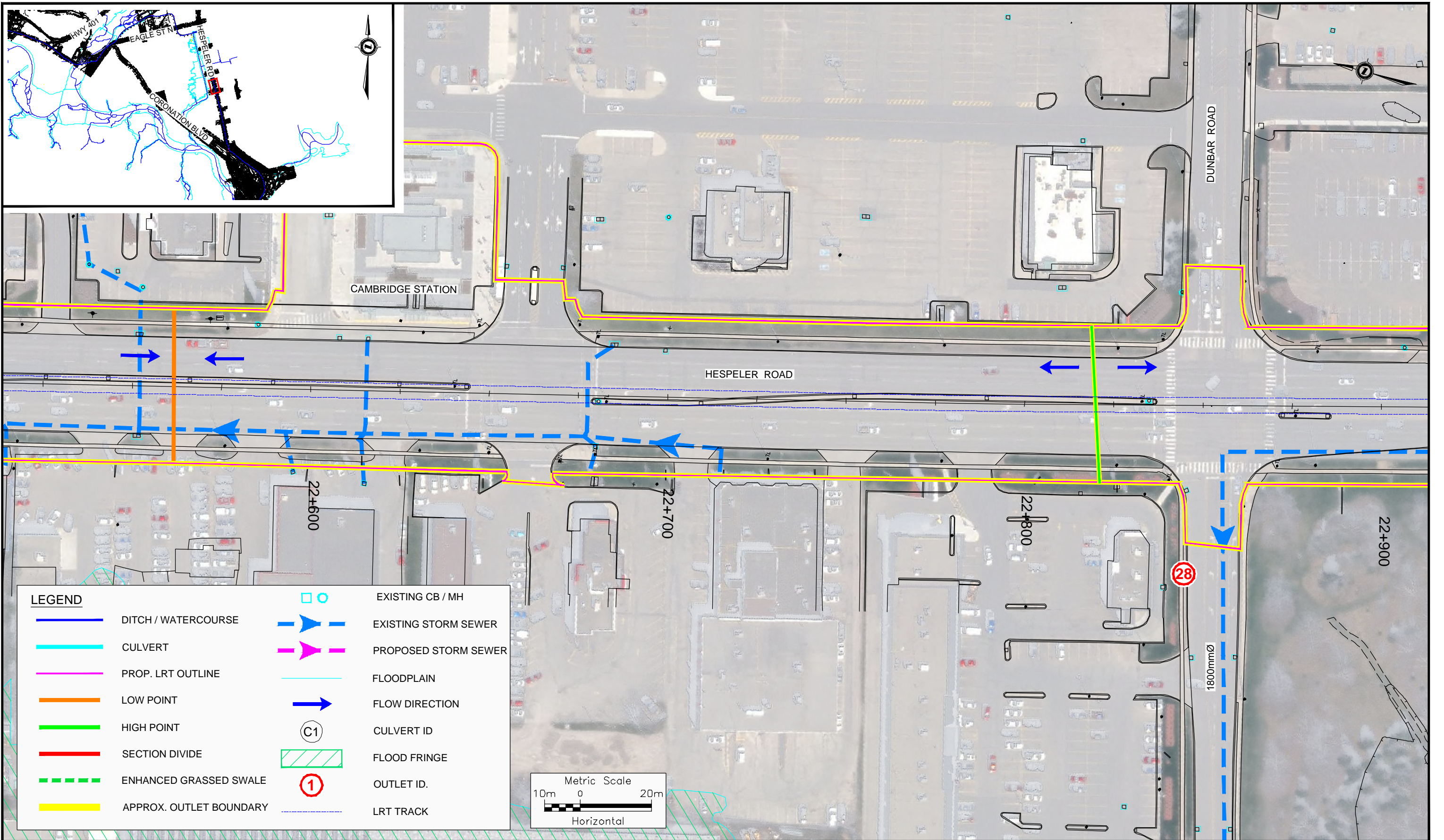
PROPOSED DRAINAGE CONCEPT PLAN - SECTION C2
 STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE



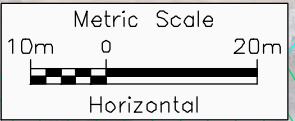
PROPOSED DRAINAGE CONCEPT PLAN - SECTION C2
 STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE

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LEGEND			
	DITCH / WATERCOURSE		EXISTING CB / MH
	CULVERT		EXISTING STORM SEWER
	PROP. LRT OUTLINE		PROPOSED STORM SEWER
	LOW POINT		FLOODPLAIN
	HIGH POINT		FLOW DIRECTION
	SECTION DIVIDE		CULVERT ID
	ENHANCED GRASSED SWALE		FLOOD FRINGE
	APPROX. OUTLET BOUNDARY		OUTLET ID.
			LRT TRACK



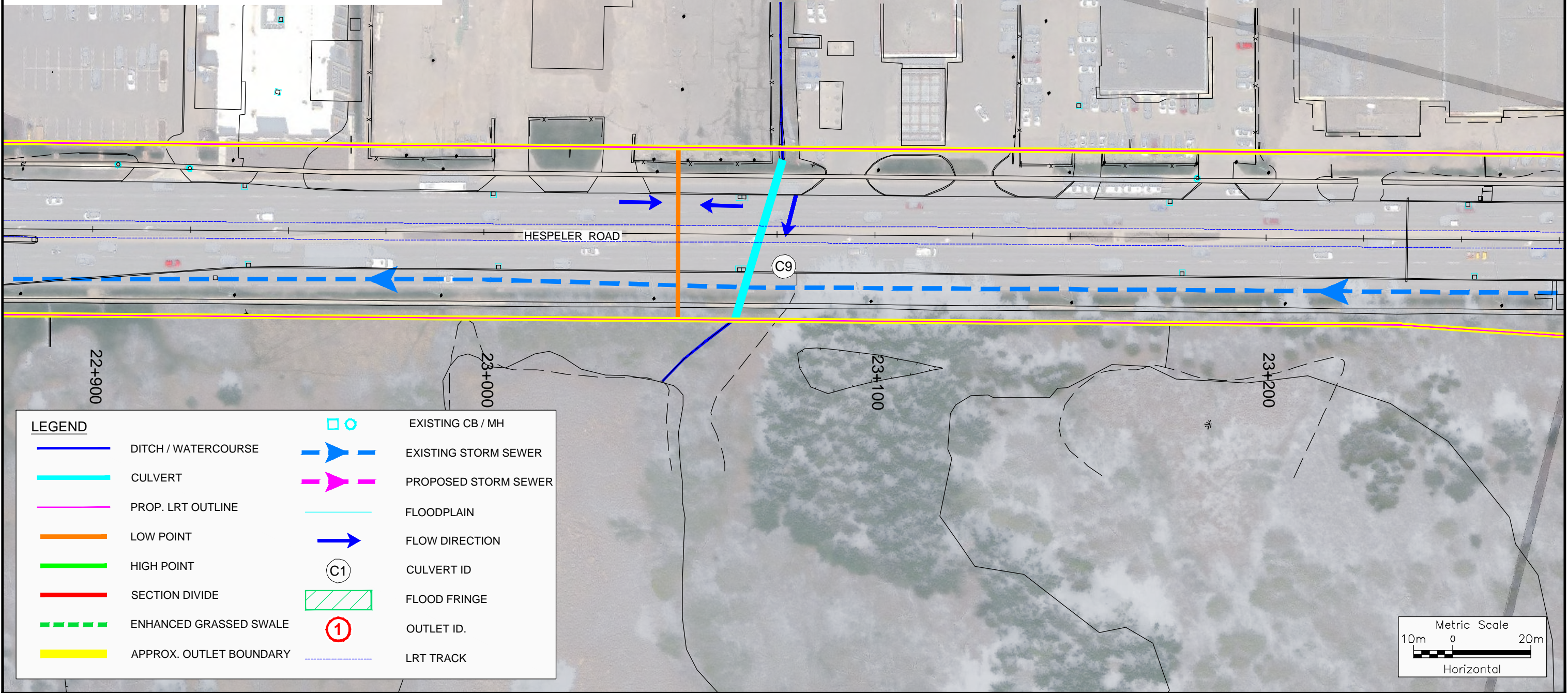
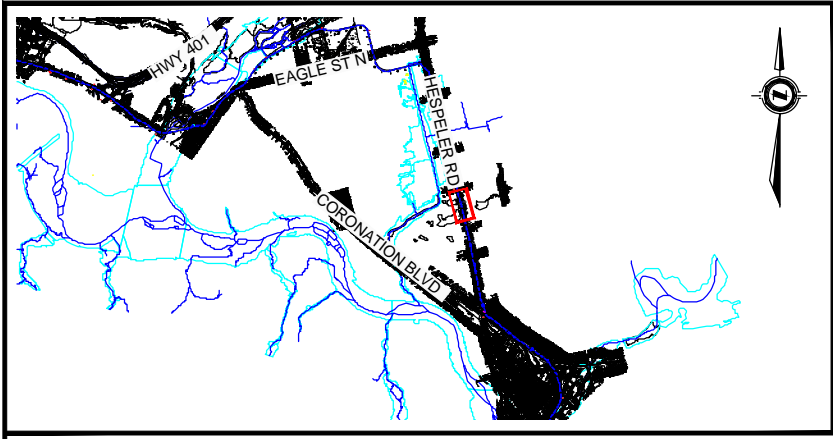
PROPOSED DRAINAGE CONCEPT PLAN - SECTION C2
 STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE

EXHIBIT

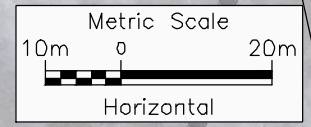
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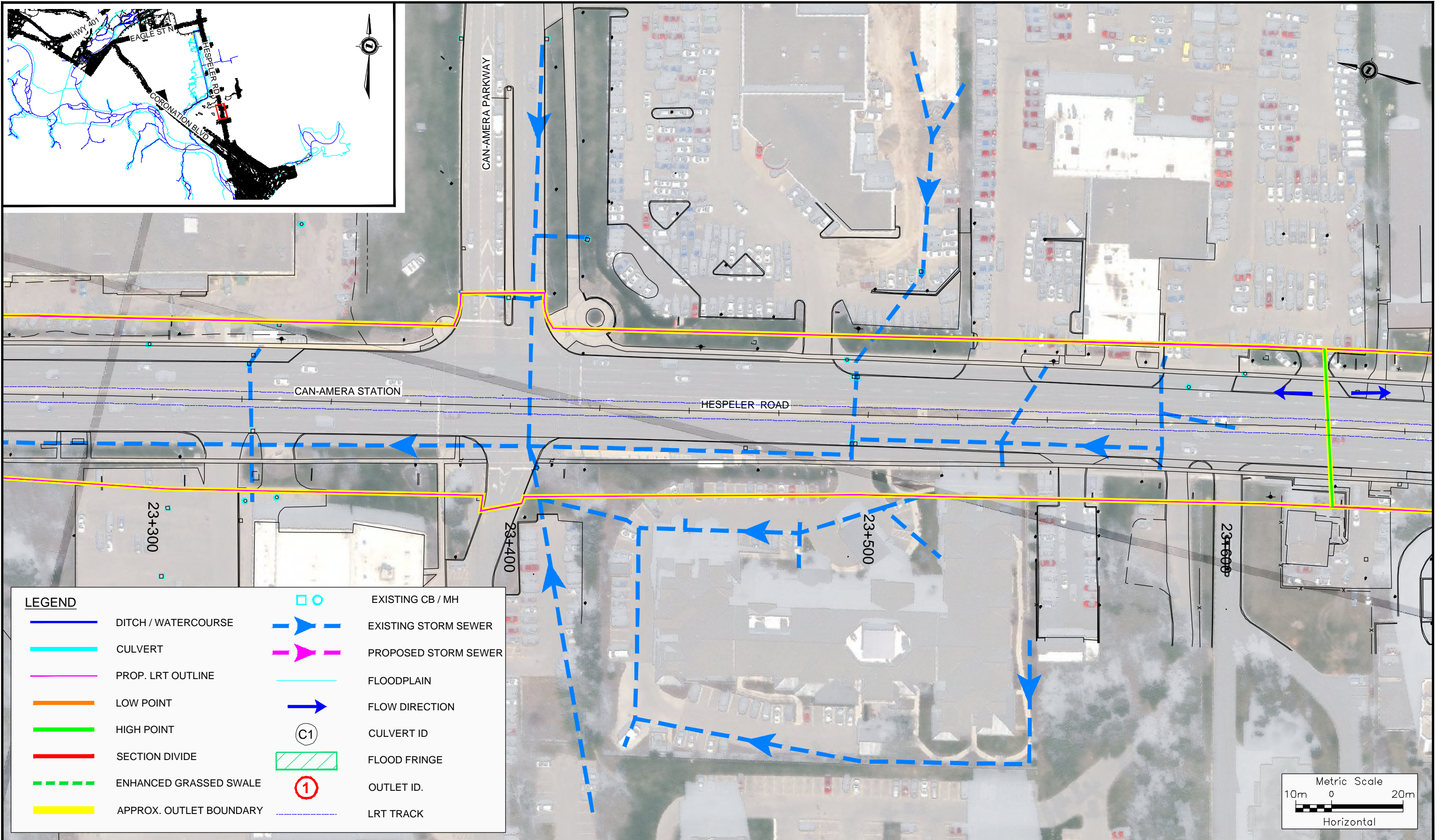
LEGEND	
	DITCH / WATERCOURSE
	CULVERT
	PROP. LRT OUTLINE
	LOW POINT
	HIGH POINT
	SECTION DIVIDE
	ENHANCED GRASSED SWALE
	APPROX. OUTLET BOUNDARY
	EXISTING CB / MH
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	FLOODPLAIN
	FLOW DIRECTION
	CULVERT ID
	FLOOD FRINGE
	OUTLET ID.
	LRT TRACK



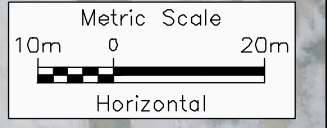
PROPOSED DRAINAGE CONCEPT PLAN - SECTION C2

STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE

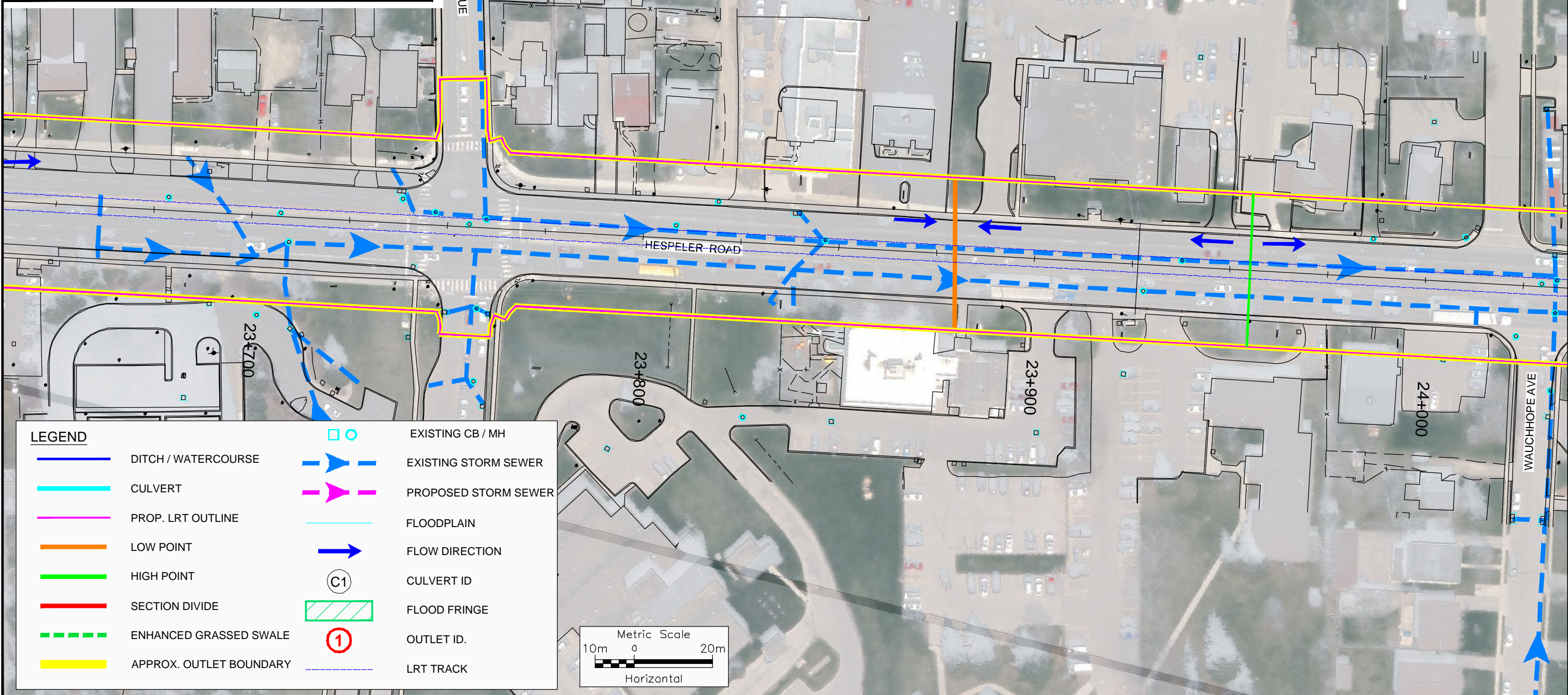
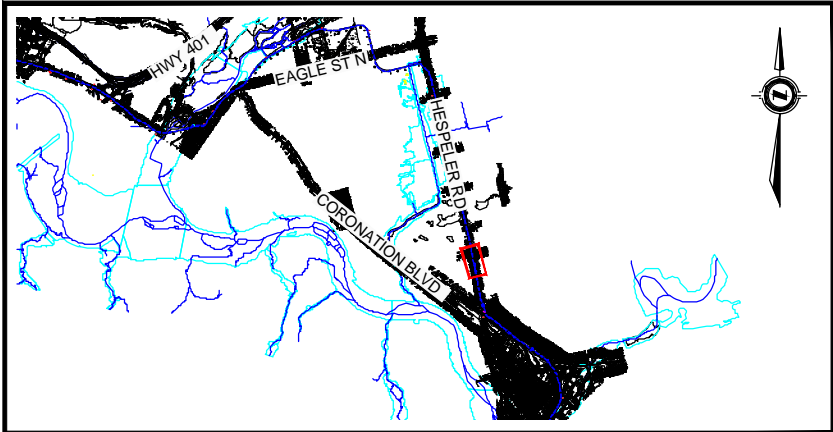
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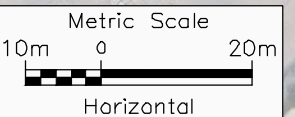
LEGEND			
	DITCH / WATERCOURSE		EXISTING STORM SEWER
	CULVERT		PROPOSED STORM SEWER
	PROP. LRT OUTLINE		FLOODPLAIN
	LOW POINT		FLOW DIRECTION
	HIGH POINT		CULVERT ID
	SECTION DIVIDE		FLOOD FRINGE
	ENHANCED GRASSED SWALE		OUTLET ID.
	APPROX. OUTLET BOUNDARY		LRT TRACK
	EXISTING CB / MH		



PROPOSED DRAINAGE CONCEPT PLAN - SECTION C2
 STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE



LEGEND			
	DITCH / WATERCOURSE		EXISTING STORM SEWER
	CULVERT		PROPOSED STORM SEWER
	PROP. LRT OUTLINE		FLOODPLAIN
	LOW POINT		FLOW DIRECTION
	HIGH POINT		CULVERT ID
	SECTION DIVIDE		FLOOD FRINGE
	ENHANCED GRASSED SWALE		OUTLET ID.
	APPROX. OUTLET BOUNDARY		LRT TRACK



PROPOSED DRAINAGE CONCEPT PLAN - SECTION C2
 STAGE 2 ION: LIGHT RAIL TRANSIT (LRT) FROM KITCHENER TO CAMBRIDGE