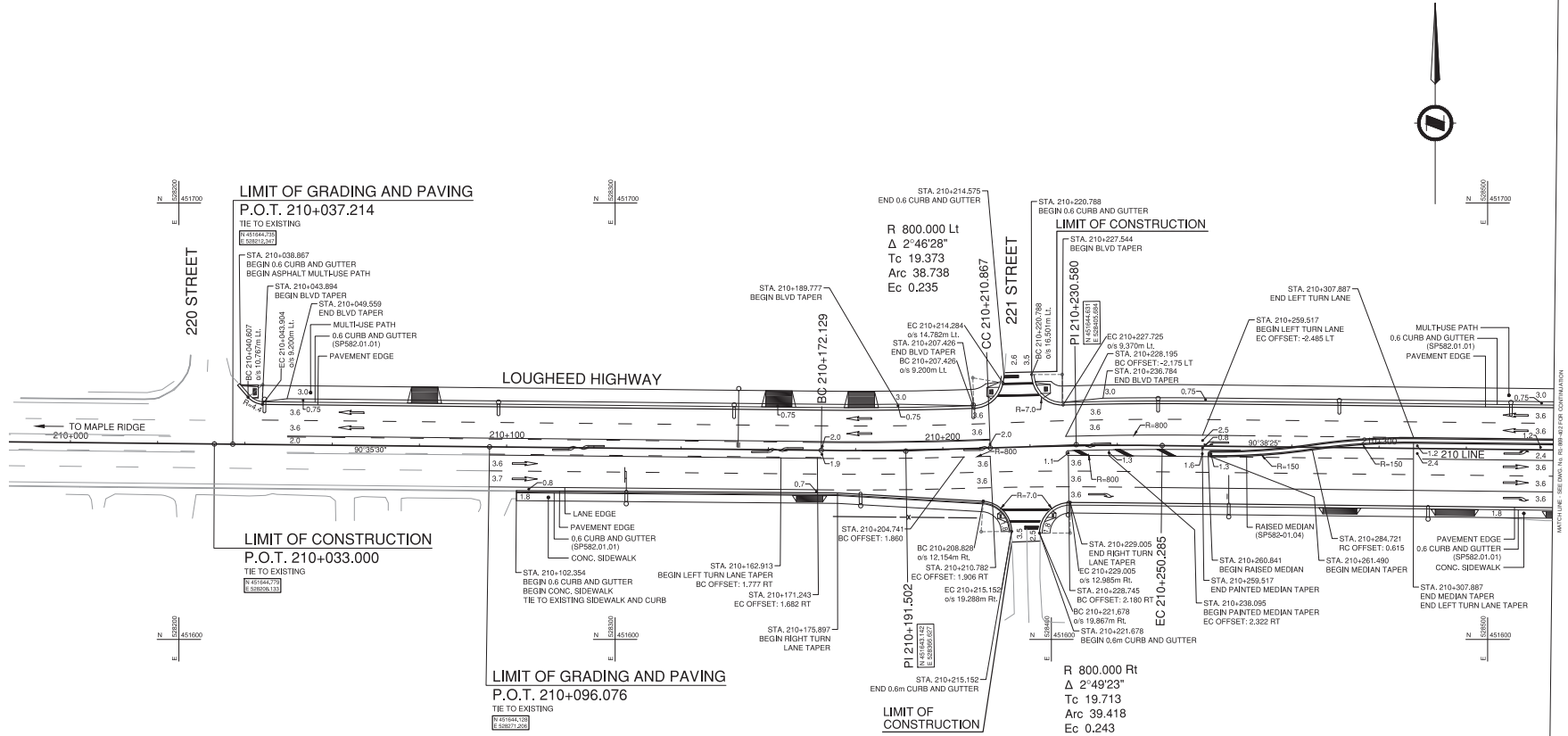




DESIGN VEHICLE WB-20 & HSU

DESIGN SPEED 210 LINE 60 km/h

FOR PLANS
SEE DWG. No. R1-869-101

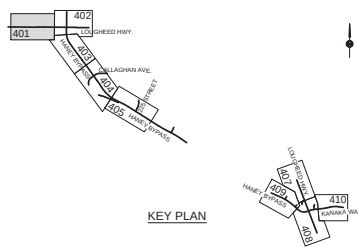
FOR PROFILES
SEE DWG. No. R1-869-201

FOR TYPICAL SECTIONS
SEE DWG. No. R1-869-301 & 302

FOR SPOT ELEVATIONS AND CURVE DATA
SEE DWG. No. R1-869-501

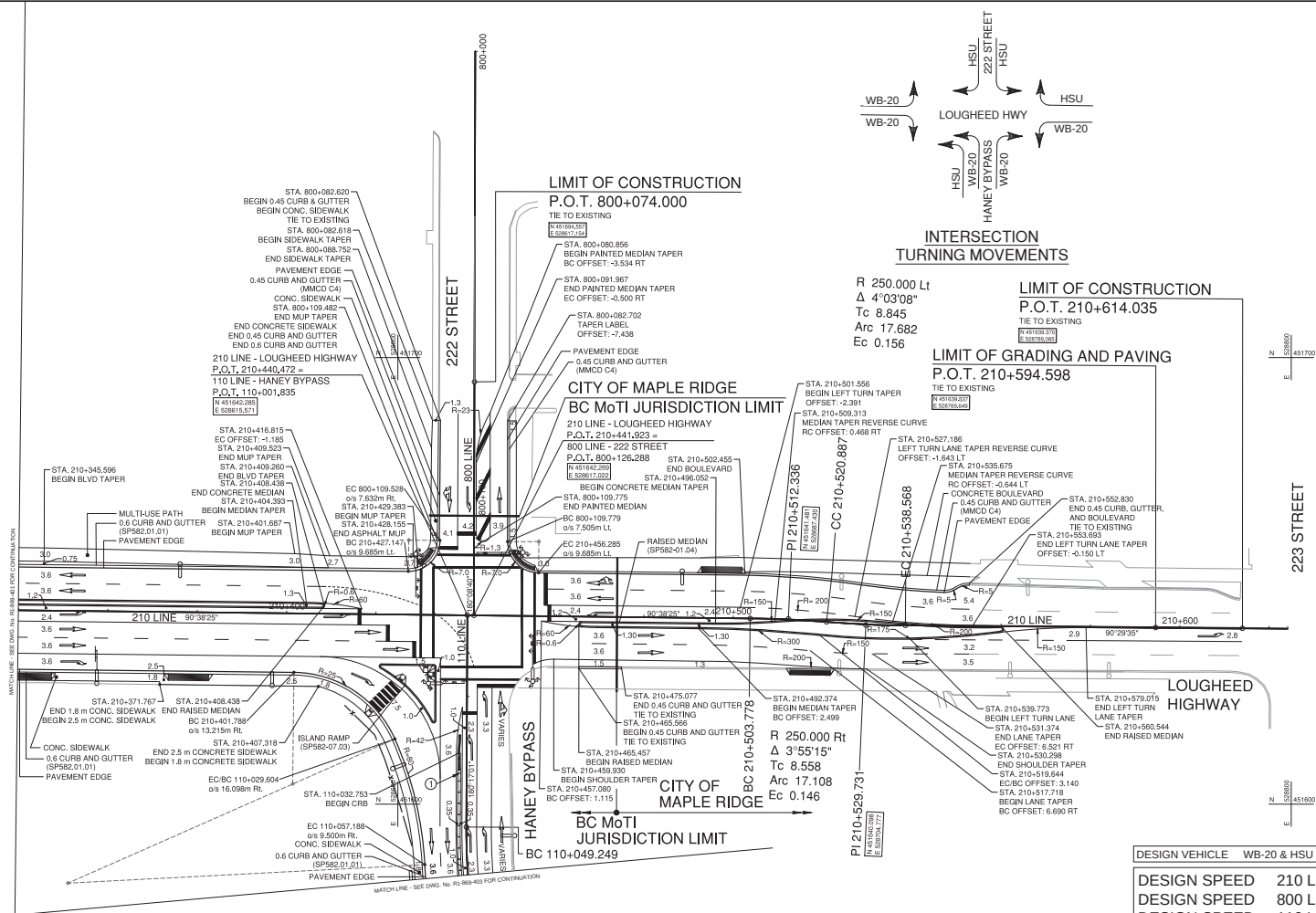
FOR SIGNING AND PAVEMENT MARKINGS
SEE DWG. No. R1-869-601

FOR DRAINAGE AND UTILITIES
SEE DWG. No. R1-869-701



- GENERAL NOTES:
- HOLLOW ARROWS INDICATE TRAFFIC DIRECTION ONLY AND ARE NOT PAVEMENT MARKINGS.
 - REFER TO DRAWING SERIES R1-869-900 FOR RETAINING WALLS.
 - BARRIER NUMBER (1) REFER TO DWG No. R1-869-405 FOR BARRIER TABLE.
 - DWG. R1-869-406 IS NOT USED.

		MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION HIGHWAY ENGINEERING AND GEOMATICS	
GEOMETRICS AND LANING HIGHWAY 7 CORRIDOR IMPROVEMENTS HANEY BYPASS INTERSECTIONS IMPROVEMENTS LOUGHEED HIGHWAY - 210 LINE STA. 209+003.889 TO STA. 220+340.680			
SCALE 0 5 1:500 25m CAD FILENAME: R1-869-000 PLOT DATE: 2018-10-22		DESIGNED: P. STANCOMBE DATE: 2018-10-22 QUALITY CONTROL: L. MOORE DATE: 2018-10-22 QUALITY ASSURANCE: S. BODAKA DATE: 2018-10-22 DRAWN: D. BROWN DATE: 2018-10-22	
REV. DATE REVISIONS NAME 1 2018-10-22 2 2018-10-22 3 2018-10-22 4 2018-10-22		PROJECT NUMBER: 12452-0002 REG: 1 DRAWING NUMBER: R1-869-401 REV:	



DESIGN VEHICLE	WB-20 & HSU
DESIGN SPEED	210 LINE 60 km/h
DESIGN SPEED	800 LINE 60 km/h
DESIGN SPEED	110 LINE 50 km/h TO NORTH AVE
	60 km/h NORTH AVE TO 120 LINE

FOR PLANS
SEE DWG. No. R1-869-102

FOR PROFILES
SEE DWG. No. R1-869-201 & 202

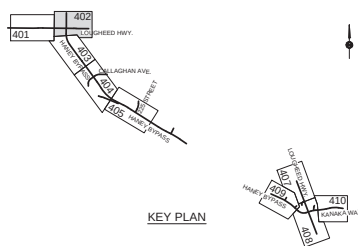
FOR TYPICAL SECTIONS
SEE DWG. No. R1-869-302 TO 304

FOR SPOT ELEVATIONS AND CURVE DATA
SEE DWG. No. R1-869-502

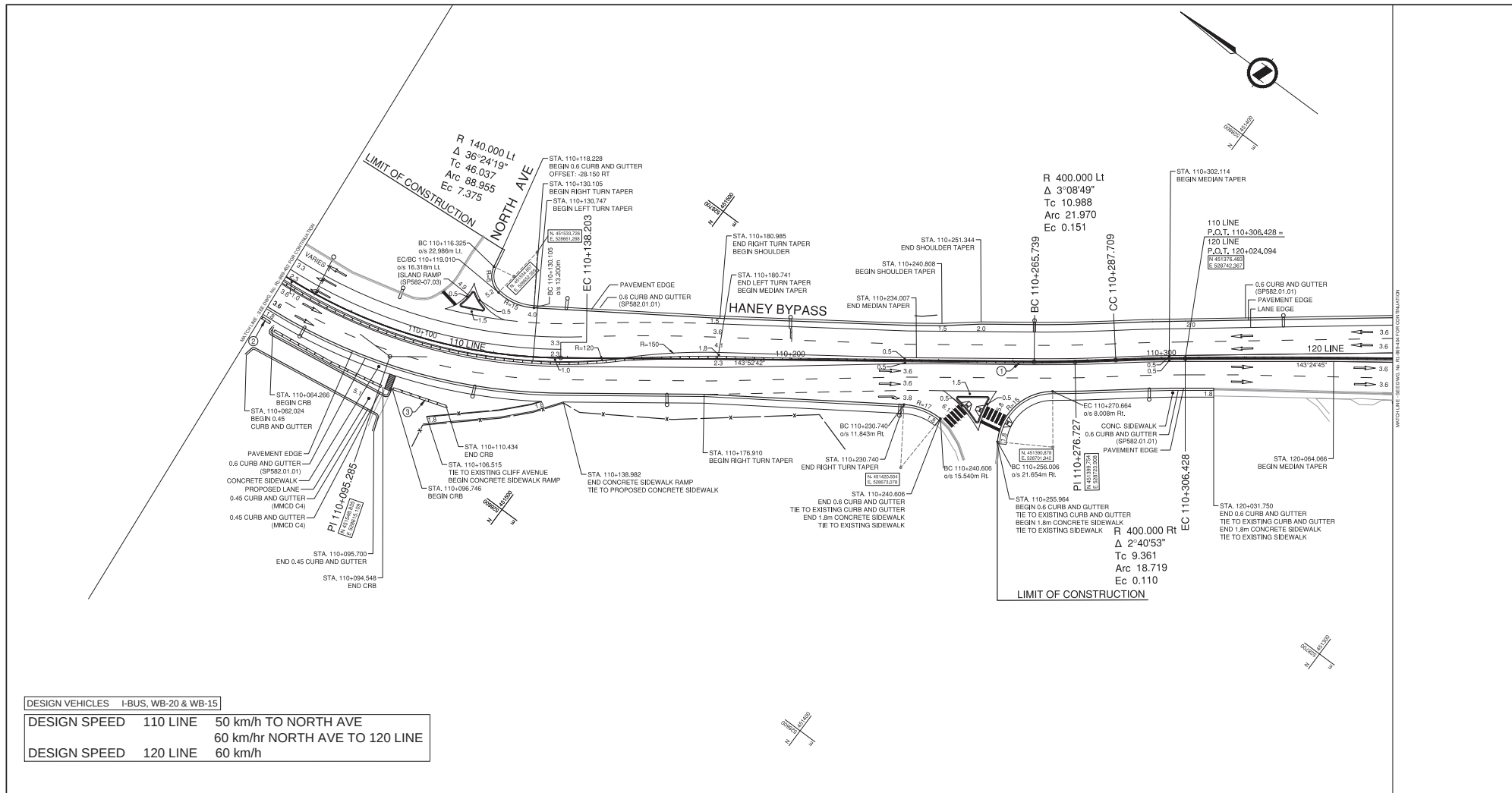
FOR SIGNING AND PAVEMENT MARKINGS
SEE DWG. No. R1-869-602

FOR DRAINAGE AND UTILITIES
SEE DWG. No. R1-869-702

NOTE:
1. FOR GENERAL NOTES SEE DWG. R1-869-401.



		MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION HIGHWAY ENGINEERING AND GEOMATICS	
GEOMETRICS AND LANING HIGHWAY 7 CORRIDOR IMPROVEMENTS HANEY BYPASS INTERSECTIONS IMPROVEMENTS LOUGHEED HIGHWAY - 210 LINE / 222 STREET - 800 LINE / HANEY BYPASS - 110 LINE SFA: 120+000 TO STA. 120+000 SFA: 120+000 TO STA. 120+000 SFA: 120+000 TO STA. 120+000			
DESIGNED: P. STANCOBME DATE: 2018-10-22 QUALITY CONTROL: A. MOSE DATE: 2018-10-22 QUALITY ASSURANCE: S. BODAKA DATE: 2018-10-22 DRAWN: D. BODAKA DATE: 2018-10-22		PROJECT NUMBER: 12452-0002 REG: 1 DRAWING NUMBER: R1-869-402	
FILE NUMBER: 153CS0926		PROJECT NUMBER: 12452-0002	



DESIGN VEHICLES I-BUS, WB-20 & WB-15

DESIGN SPEED	110 LINE	50 km/h to NORTH AVE
		60 km/hr NORTH AVE TO 120 LINE
DESIGN SPEED	120 LINE	60 km/h

FOR PLANS
SEE DWG. No. R1-869-103

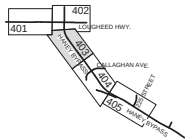
FOR PROFILES
SEE DWG. No. R1-869-202

FOR TYPICAL SECTIONS
SEE DWG. No. R1-869-305 TO 307

FOR SPOT ELEVATIONS AND CURVE DATA
SEE DWG. No. R1-869-503

FOR SIGNING AND PAVEMENT MARKINGS
SEE DWG. No. R1-869-603

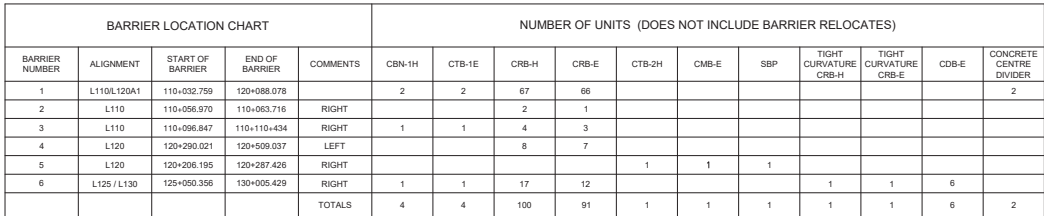
FOR DRAINAGE AND UTILITIES
SEE DWG. No. R1-869-703

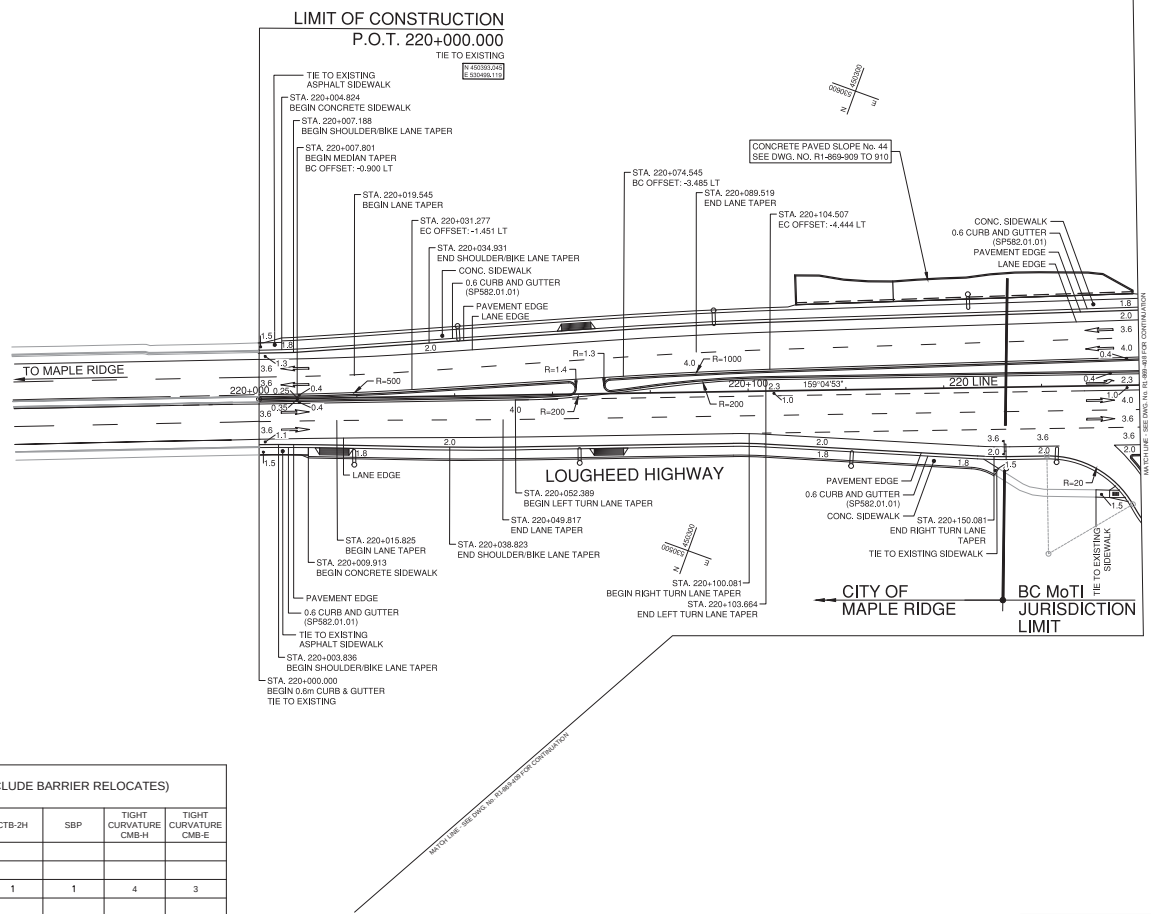


KEY PLAN

NOTE:
1. FOR GENERAL NOTES SEE DWG. R1-869-401.

		MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION HIGHWAY ENGINEERING AND GEOMATICS	
GEOMETRICS AND LANING HIGHWAY 7 CORRIDOR IMPROVEMENTS HANEY BYPASS INTERSECTIONS IMPROVEMENTS HANEY BYPASS - 110 LINE / 120 LINE STA. 110+000.00 TO STA. 110+094.48 / STA. 120+000.00 TO STA. 120+094.48			
SCALE 0 5 1500 25m CAD FILENAME R1-869-003 PLOT DATE 2018-10-22		DESIGNED: P. STANCOMBE DATE 2018-10-22 QUALITY CONTROL: L. MOSE DATE 2018-10-22 QUALITY ASSURANCE: S. BODAKA DATE 2018-10-22 DRAWN: D. BROWN DATE 2018-10-22	
REV. DATE REVISIONS NAME 1 2018-10-22 2 2018-10-22 3 2018-10-22 4 2018-10-22 5 2018-10-22 6 2018-10-22 7 2018-10-22 8 2018-10-22 9 2018-10-22 10 2018-10-22		PROJECT NUMBER 12452-0002 REG. 1 DRAWING NUMBER R1-869-403 REV. 1	





BARRIER LOCATION CHART

NUMBER OF UNITS (DOES NOT INCLUDE BARRIER RELOCATES)

BARRIER NUMBER	ALIGNMENT	START OF BARRIER	END OF BARRIER	COMMENTS	CBN-1H	CTB-1E	CRB-H	CRB-E	CTB-2H	SBP	TIGHT CURVATURE CMB-H	TIGHT CURVATURE CMB-E
7	L140	140+041.398	140+115.223	LEFT	2	2	14	13				
8	L140	140+055.381	140+188.364	RIGHT	1	1	26	25				
9	L140	140+288.693	140+080.228	RIGHT	1	1	5	6	1	1	4	3
10	L140/L220	140+083.260	220+405.000	RIGHT	1	1	22	21				
TOTALS					5	5	67	65	1	1	4	3

DESIGN VEHICLE WB-20

DESIGN SPEED 220 LINE 70 km/h

FOR PLANS
SEE DWG. No. R1-869-107

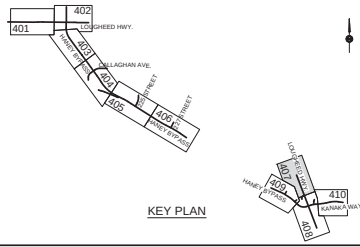
FOR PROFILES
SEE DWG. No. R1-869-205

FOR TYPICAL SECTIONS
SEE DWG. No. R1-869-319

FOR SPOT ELEVATIONS AND CURVE DATA
SEE DWG. No. R1-869-507

FOR SIGNING AND PAVEMENT MARKINGS
SEE DWG. No. R1-869-607

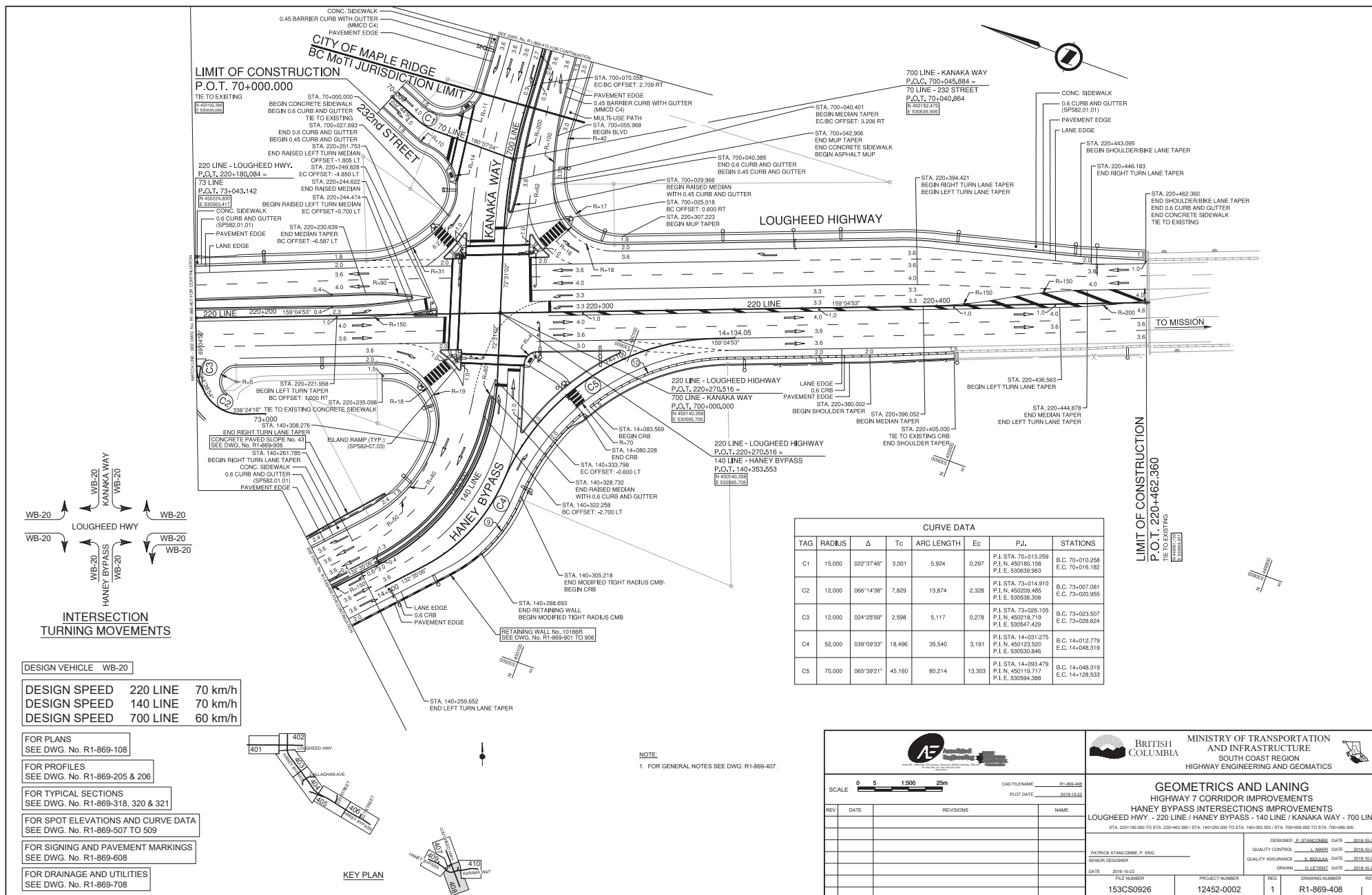
FOR DRAINAGE AND UTILITIES
SEE DWG. No. R1-869-707



- GENERAL NOTES:
- HOLLOW ARROWS INDICATE TRAFFIC DIRECTION ONLY AND ARE NOT PAVEMENT MARKINGS.
 - REFER TO DRAWING SERIES R1-869-901 TO 908 FOR RETAINING WALLS.
 - BARRIER NUMBER (1) REFER TO THIS DWG FOR BARRIER TABLE.

AE logo and project information fields including SCALE, CAD FILENAME, PLOT DATE, and revision table.

BRITISH COLUMBIA logo and project information fields including MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE, SOUTH COAST REGION, and project details like PROJECT NUMBER, REV, and DRAWING NUMBER.



CURVE DATA							
TAG	RADIUS	Δ	Tc	ARC LENGTH	Ec	P.J.	STATIONS
C1	15,000	022°37'46"	3,001	5,924	0.297	P.I. STA. 70+103.259 P.L.N. 45010.163 P.E. E 530639.958	B.C. 70+010.25 E.C. 70+016.16
C2	12,000	066°14'38"	7,829	13,874	2.328	P.I. STA. 73+014.910 P.L.N. 450209.485 P.E. E 530538.300	B.C. 73+007.08 E.C. 73+020.95
C3	12,000	024°25'59"	2,598	5,117	0.278	P.I. STA. 73+026.105 P.L.N. 430214.713 P.E. E 530547.429	B.C. 73+023.50 E.C. 73+028.60
C4	52,000	039°09'33"	18,496	35,540	3.191	P.I. STA. 14+031.275 P.L.N. 501213.520 P.E. E 530530.846	B.C. 14+027.77 E.C. 14+048.31
C5	70,000	065°39'21"	45,160	80,214	13.303	P.I. STA. 14+093.479 P.L.N. 460115.717 P.E. E 530094.388	B.C. 14+048.31 E.C. 14+265.93

[illegible]

