



Ministry of
Transportation
and Infrastructure

PROJECT No. 13253-1001

FRASER VALLEY HIGHWAY 1 CORRIDOR IMPROVEMENT PROGRAM

HIGHWAY 1 - MAINLINE WEST

DRAWING PACKAGE 1

HIGHWAY 1 SIX LANING - LEFEUVRE ROAD TO ROSS ROAD SUGGESTED CONSTRUCTION STAGING

I. PILKINGTON, CHIEF ENGINEER

FOR REFERENCE ONLY

SUGGESTED CONSTRUCTION STAGING REFERENCE PACKAGE

HIGHWAY 1 - MAINLINE WEST

R1-1105-1810	NATHAN CREEK TRIBUTARY
R1-1105-1811	NATHAN CREEK TRIBUTARY
R1-1105-1812	NATHAN CREEK MIDDLE TRIBUTARY
R1-1105-1813	NATHAN CREEK MIDDLE TRIBUTARY
R1-1105-1814	CULVERT 40
R1-1105-1815	CULVERT 41
R1-1105-1816	SALMON RIVER
R1-1105-1820	HIGHWAY 1 AT BRADNER OVERPASS
R1-1105-1821	HIGHWAY 1 AT BRADNER OVERPASS
R1-1105-1822	HIGHWAY 1 AT BRADNER OVERPASS
R1-1105-1823	HIGHWAY 1 AT BRADNER OVERPASS
R1-1105-1824	HIGHWAY 1 AT BRADNER OVERPASS
R1-1105-1825	HIGHWAY 1 AT BRADNER OVERPASS
R1-1105-1826	HIGHWAY 1 AT BRADNER OVERPASS
R1-1105-1827	HIGHWAY 1 AT BRADNER OVERPASS
R1-1105-1828	HIGHWAY 1 AT BRADNER OVERPASS
R1-1105-1830	SURFACING
R1-1105-1831	SURFACING
R1-1105-1832	SURFACING



NOTE TO CONTRACTOR

THE FOLLOWING DRAWINGS DO NOT REFLECT A PRESCRIBED STAGING SCENARIO. THE FOLLOWING PACKAGE IS AN EXAMPLE ONLY. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY FOR DEVELOPING ITS OWN STAGING CONCEPT.

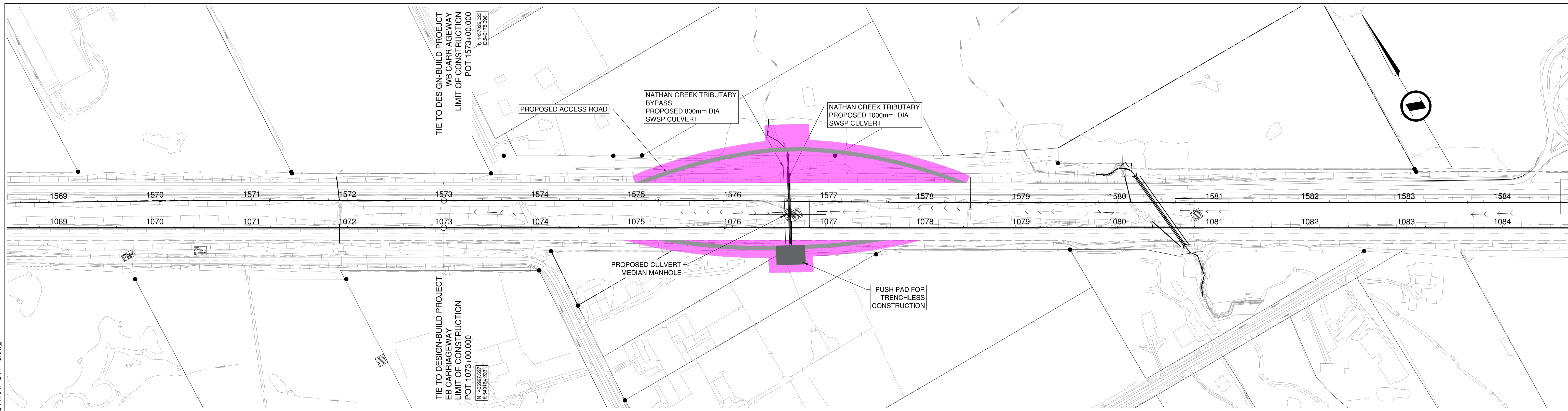
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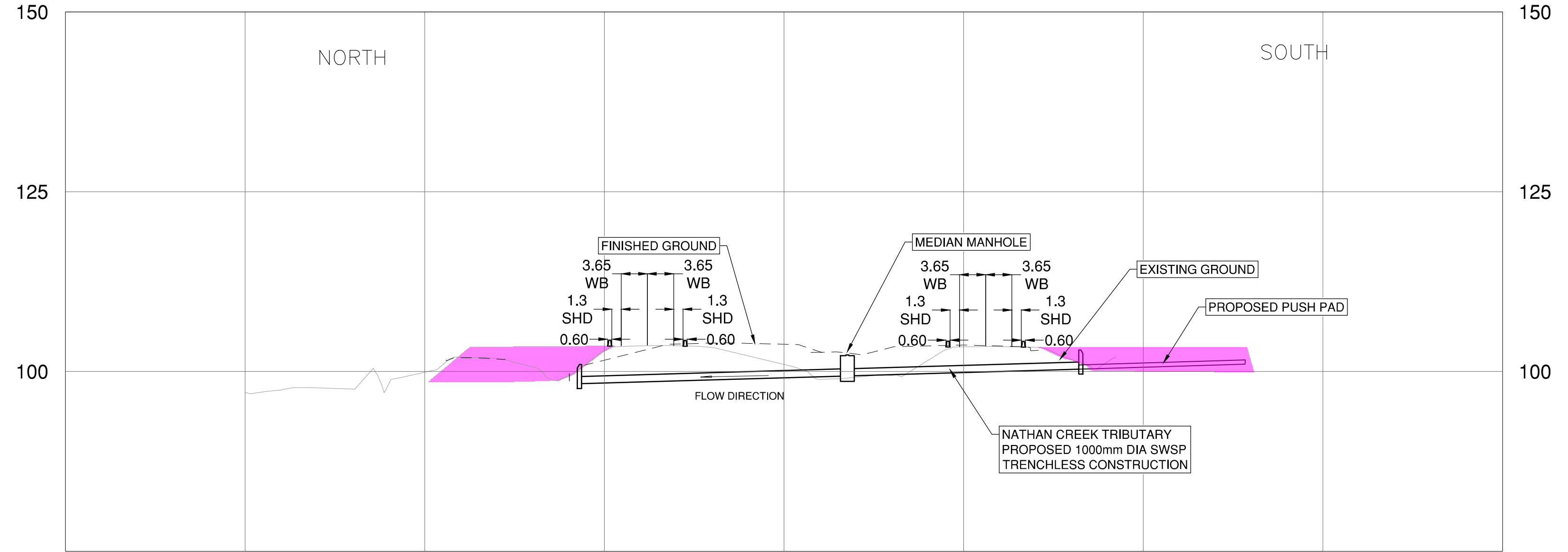
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 SUITE 201, 8506 - 200 STREET LANGLEY, BRITISH COLUMBIA, V2Y 0M1 PH : 604.371.0091 FAX : 604.371.0098			 BRITISH COLUMBIA MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION HIGHWAY DESIGN AND GEOMATICS ENGINEERING		
SCALE			CAD FILENAME <u>R1-1105-1801.DWG</u> FILE NUMBER <u>33036</u> PLOT DATE <u>2024-02-27</u>		
SUGGESTED CONSTRUCTION STAGING					
DRAWING INDEX					
		DESIGNED <u>A.GJERLAUG</u> DATE <u>2024-02-28</u> QUALITY CONTROL <u>AS/CC/SC</u> DATE <u>2024-02-28</u> QUALITY ASSURANCE <u>G.NGIENG</u> DATE <u>2024-02-28</u> DRAWN <u>D.SWANSON</u> DATE <u>2024-02-28</u>			
PROJECT NUMBER	REG	DRAWING NUMBER		REV	
13253-1001	1	R1-1105-1801			

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STAGE 1 - NATHAN CREEK TRIBUTARY
SCALE 1:500



- LEGEND**
- STAGE 1 PROPOSED WORK ZONE
 - PROPOSED PUSH PAD
 - PROPOSED ACCESS ROAD
 - STAGE 2 PROPOSED WORK ZONE

- NOTES**
- DESIGN SPEED 80km/h
- STAGE 1:**
1. CONSTRUCT ACCESS ROAD TO WORK AREAS.
 2. INSTALL CULVERTS TRENCHLESS THROUGH THE ROADWAY LANES.
 3. MANHOLE TO BE INSTALLED AFTER INSTALLATION OF STAGE 1 SWSP.
 4. INSTALL TEMPORARY DRAINAGE AS REQUIRED.

PROFILE SCALE

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SCALE

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FILE NUMBER: 33038
PLOT DATE: 2024-02-16

REV	DATE	REVISIONS	NAME

MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE

SOUTH COAST REGION

HIGHWAY DESIGN AND GEOMATICS ENGINEERING

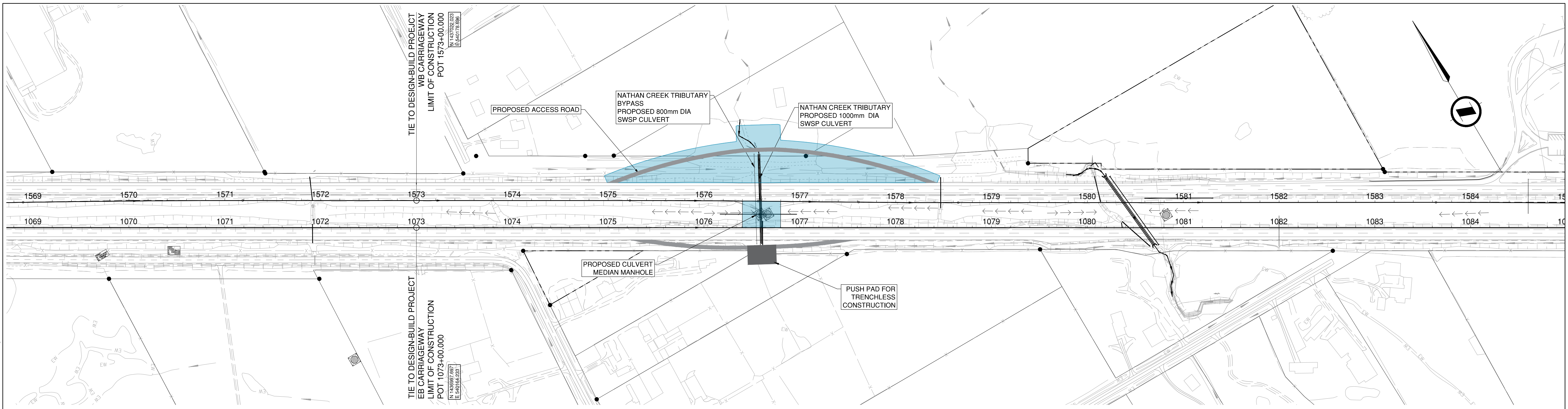
SUGGESTED CONSTRUCTION STAGING

NATHAN CREEK TRIBUTARY

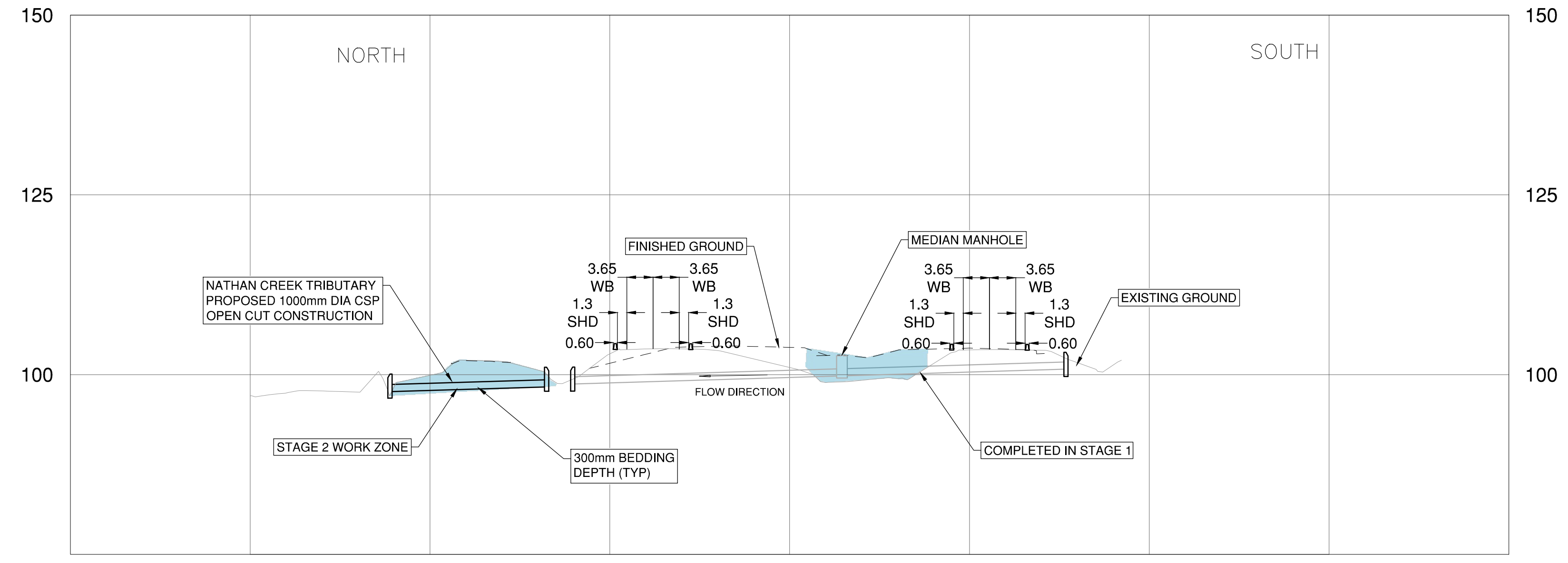
STAGE 1

DESIGNED	A.GJERLAUG	DATE	2024-02-29
QUALITY CONTROL	AS/CC/SC	DATE	2024-02-29
QUALITY ASSURANCE	G.NGIENG	DATE	2024-02-29
DRAWN	J.CAPEWELL	DATE	2024-02-29
PROJECT NUMBER	13253-1001	REG	1
DRAWING NUMBER	R1-1105-1810	REV	

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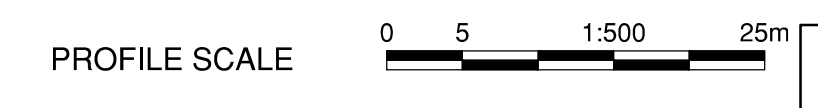
STAGE 2 - CULVERT NATHAN CREEK TRIBUTARY
SCALE 1:500



LEGEND

	STAGE 1 PROPOSED WORK ZONE
	PROPOSED PUSH PAD
	PROPOSED ACCESS ROAD
	STAGE 2 PROPOSED WORK ZONE

- NOTES**
- DESIGN SPEED 80km/h
- STAGE 2:**
- CONSTRUCT THE REMAINING SECTION OF THE CULVERT NATHAN CREEK TRIBUTARY TO THE NORTH UNDER THE MUP
 - CONTRACTOR TO REBUILD SUB-GRADE TO THE FINAL DESIGN ELEVATIONS.
 - MANHOLE TO BE INSTALLED AFTER INSTALLATION OF STAGE 1 SWSP
 - INSTALL TEMPORARY DRAINAGE AS REQUIRED.



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SOUTH COAST REGION
HIGHWAY DESIGN AND GEOMATICS ENGINEERING

SCALE 0 20 1:2000 100m

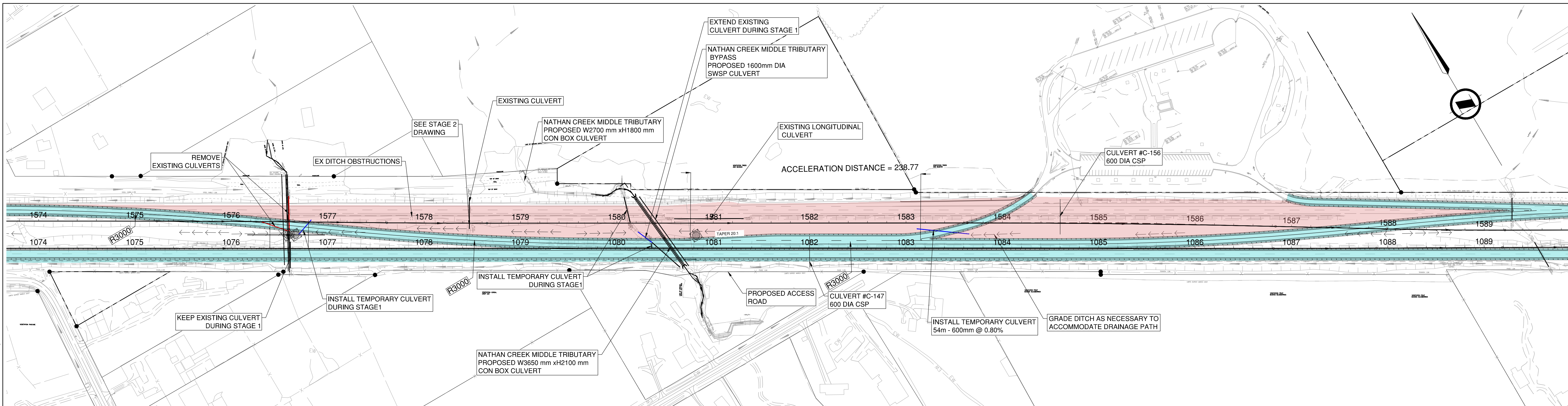
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REV	DATE	REVISIONS	NAME

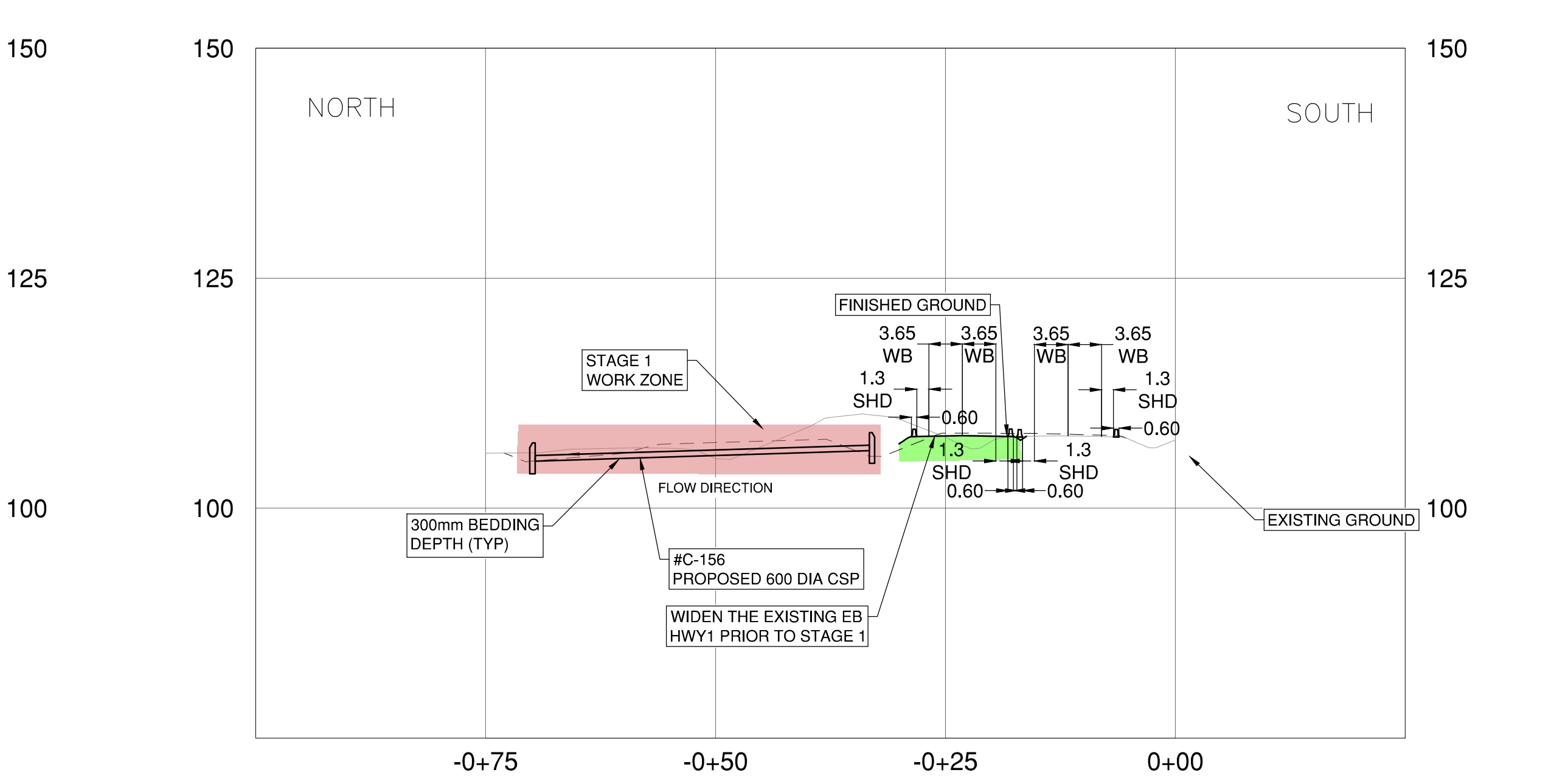
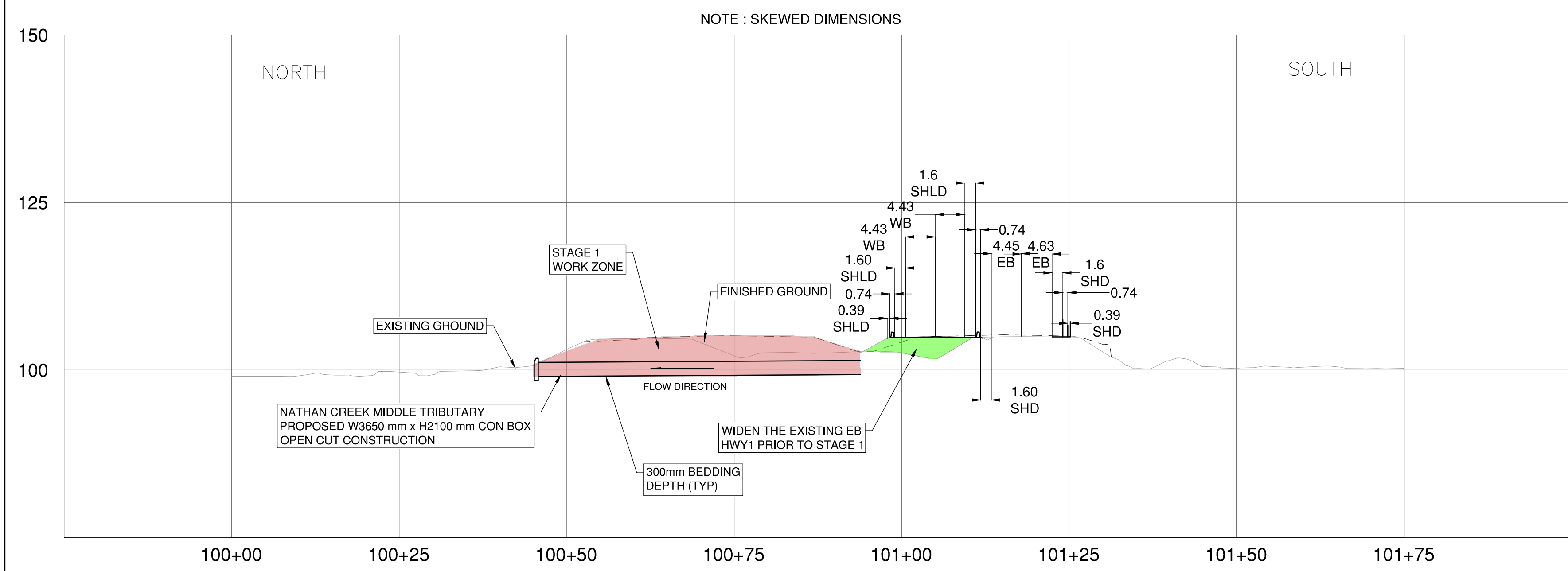
SUGGESTED CONSTRUCTION STAGING
NATHAN CREEK TRIBUTARY
STAGE 2

DESIGNED	A.GJERLAUG	DATE	2024-02-29
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QUALITY ASSURANCE	G.NGIENG	DATE	2024-02-29
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13253-1001	1	R1-1105-1811	

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STAGE 1 - CULVERT NATHAN CREEK MIDDLE TRIBUTARY
SCALE 1:500



LEGEND

- PRE STAGE 1
- STAGE 1 TRAFFIC LANES
- STAGE 1 WORK ZONE
- STAGE 2 TRAFFIC LANES
- STAGE 2 WORK ZONE
- TEMPORARY CULVERT FOR CONSTRUCTION DETOUR
- ULTIMATE DESIGN CULVERT
- EXISTING CULVERT TO BE REMOVED OR ABANDONED FOR ULTIMATE DESIGN
- DRAINAGE ARROW

- NOTES**
- HWY 1 DETOUR DESIGN SPEED IS 80km/h
- STAGING:**
- PRE-STAGE 1:**
1. WIDEN EB CARRIAGEWAY TO THE NORTH TO ACCOMMODATE 2 ADDITIONAL LANES OF TRAFFIC.
 2. CONTRACTOR TO REBUILD THE SUB-GRADE TO THE FINAL DESIGN WHERE APPLICABLE
 3. RELOCATE THE SIGNS AND UTILITY POLES WHERE APPLICABLE
- STAGE 1:**
1. DETOUR WB TRAFFIC TO THE TEMPORARY ROAD CONSTRUCTED IN PRE-STAGE 1.
 2. PARTIALLY CONSTRUCT NATHAN CREEK MIDDLE TRIBUTARY CULVERT TO THE NORTH UNDER THE EXISTING WB CARRIAGEWAY.
 3. CONTRACTOR TO REBUILD SUB-GRADE TO THE FINAL SUB-GRADE ELEVATIONS.
 4. TEMPORARY PAVEMENT STRUCTURE TO BE BUILT FOR STAGE 2 TO ACCOMMODATE 4 LANES OF TRAFFIC.
 5. BUILD TEMPORARY CULVERTS AND EXTEND THE EXISTING CULVERTS WHERE APPLICABLE TO MAINTAIN THE EXISTING FLOW PATTERN.

PROFILE SCALE 0 5 1:500 25m

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SCALE 0 20 1:2000 100m

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FILE NUMBER: 33038
PLOT DATE: 2024-02-16

REV	DATE	REVISIONS	NAME

MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE

SOUTH COAST REGION

HIGHWAY DESIGN AND GEOMATICS ENGINEERING

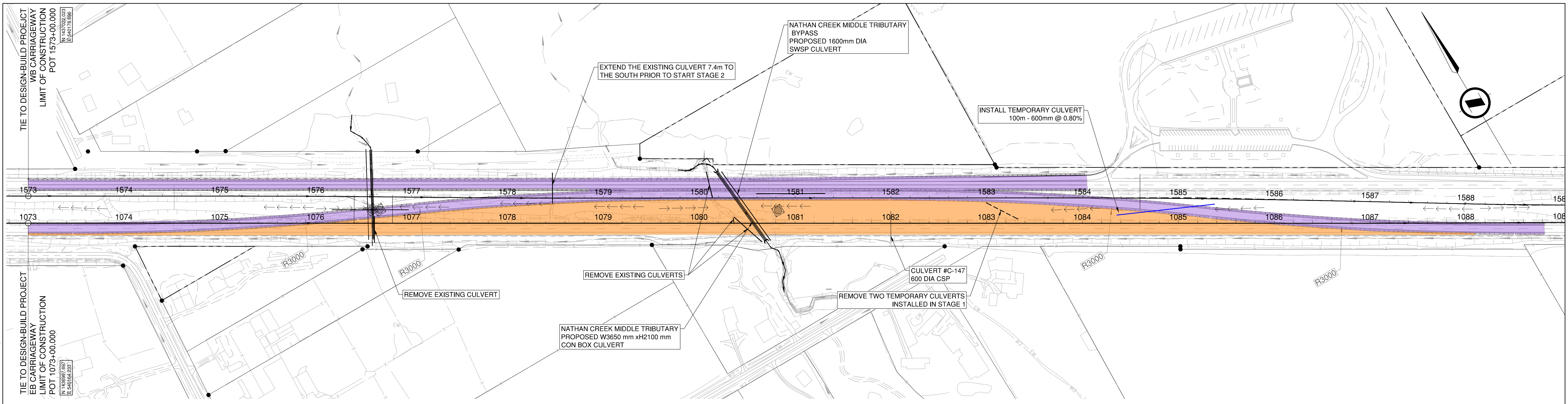
SUGGESTED CONSTRUCTION STAGING

NATHAN CREEK MIDDLE TRIBUTARY

STAGE 1

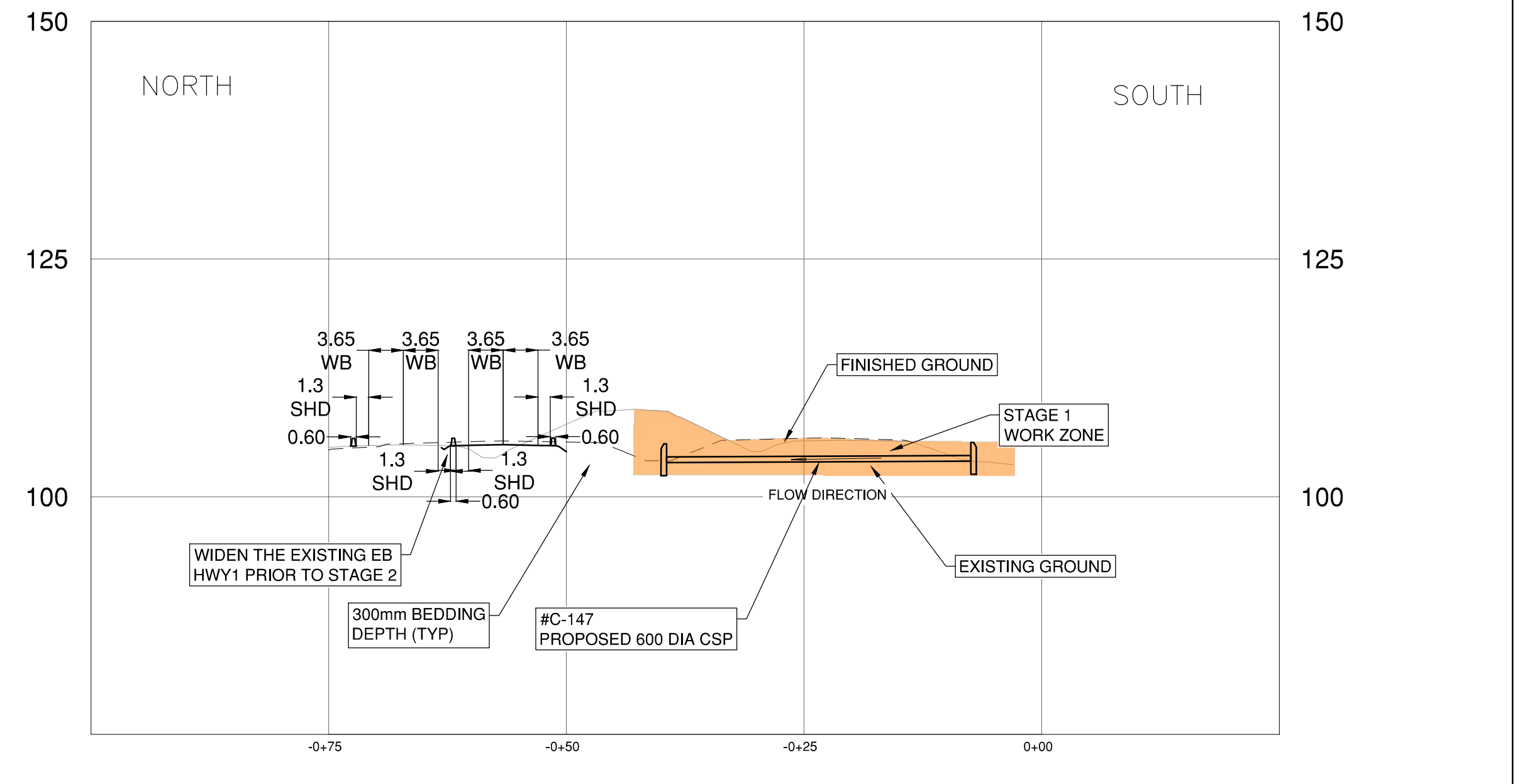
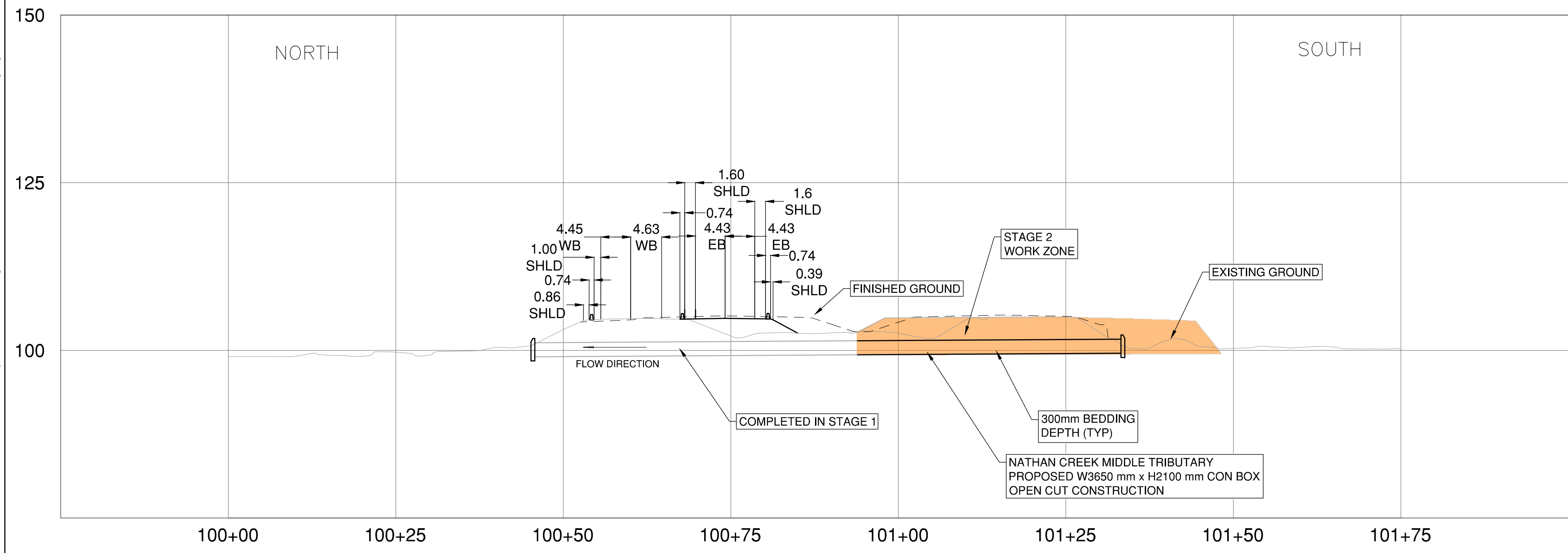
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QUALITY CONTROL	AS/CC/SC	DATE	2024-02-29
QUALITY ASSURANCE	G.NGIENG	DATE	2024-02-29
DRAWN	J.CAPEWELL	DATE	2024-02-29
PROJECT NUMBER	13253-1001	REG	1
DRAWING NUMBER	R1-1105-1812	REV	

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STAGE 2 - CULVERT NATHAN CREEK MIDDLE TRIBUTARY
SCALE 1:500

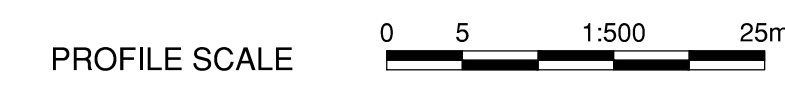
NOTE : SKEWED DIMENSIONS



LEGEND

- PRE STAGE 1
- STAGE 1 TRAFFIC LANES
- STAGE 1 WORK ZONE
- STAGE 2 TRAFFIC LANES
- STAGE 2 WORK ZONE
- TEMPORARY CULVERT FOR CONSTRUCTION
- ULTIMATE DESIGN CULVERT
- EXISTING CULVERT TO BE REMOVED OR ABANDONED FOR ULTIMATE DESIGN
- DRAINAGE ARROW

- NOTES**
- HWY 1 DETOUR DESIGN SPEED IS 80km/h
- STAGING:**
- STAGE 2:**
1. DETOUR TRAFFIC TO THE NORTH CARRIAGEWAY, CONSTRUCTED DURING STAGE 1. EXISTING CULVERTS TO BE ABANDONED.
 2. CONSTRUCT REMAINING SECTION OF THE NATHAN CREEK TRIBUTARY CULVERT TO THE SOUTH UNDER THE EB CARRIAGEWAY.
 3. CONTRACTOR TO REBUILD SUB-GRADE TO THE FINAL DESIGN ELEVATIONS.
 4. ONCE COMPLETED, DETOUR EB TRAFFIC TO THE EB CARRIAGEWAY
 5. BUILD TEMPORARY CULVERTS AND EXTEND THE EXISTING CULVERTS WHERE APPLICABLE TO MAINTAIN THE EXISTING FLOWS.



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SOUTH COAST REGION
HIGHWAY DESIGN AND GEOMATICS ENGINEERING

SCALE 0 20 1:2000 100m

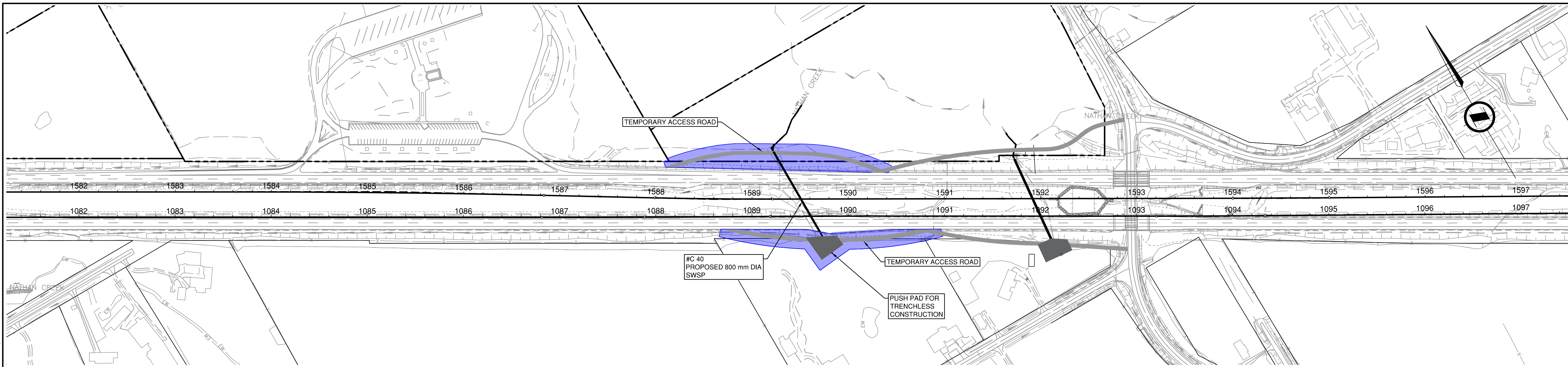
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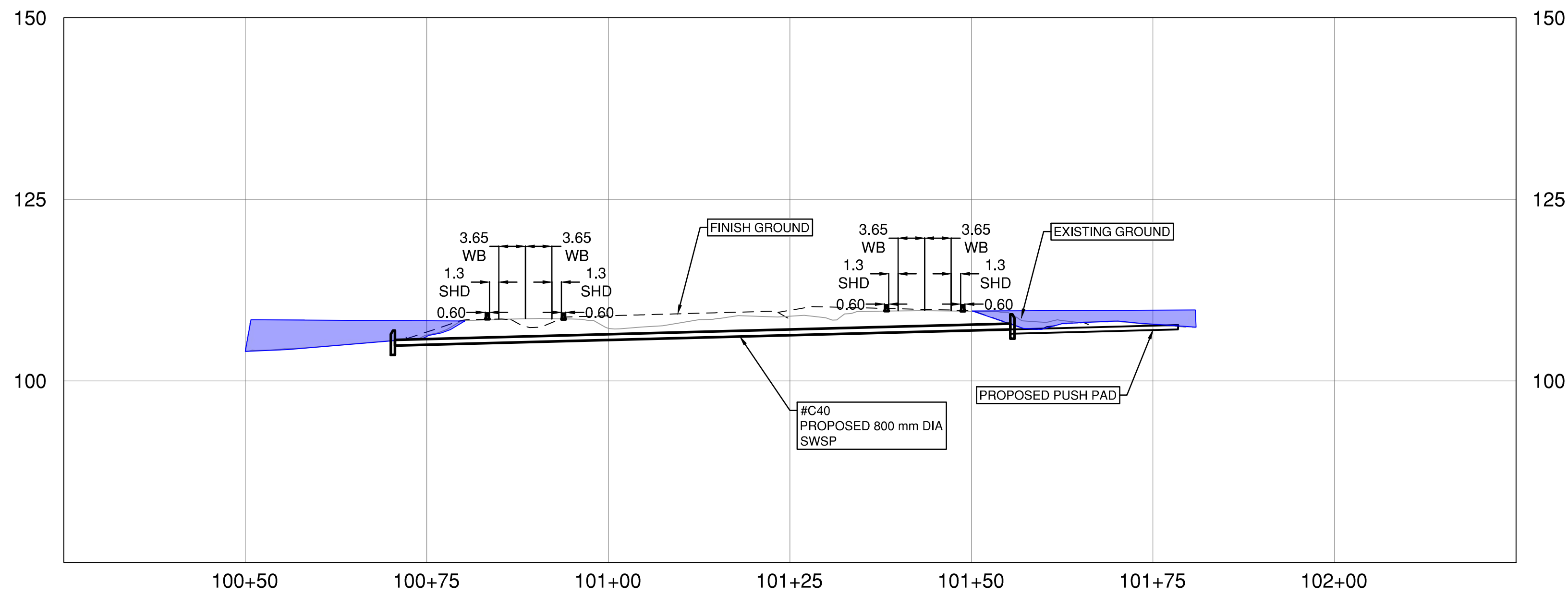
SUGGESTED CONSTRUCTION STAGING
NATHAN CREEK MIDDLE TRIBUTARY
STAGE 2

DESIGNED	A.GJERLAUG	DATE	2024-02-29
QUALITY CONTROL	AS/CC/SC	DATE	2024-02-29
QUALITY ASSURANCE	G.NGIENG	DATE	2024-02-29
DRAWN	J.CAPEWELL	DATE	2024-02-29
PROJECT NUMBER	13253-1001	REG	1
DRAWING NUMBER	R1-1105-1813	REV	

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STAGE 1 - CULVERT #C-40
SCALE 1:500



PROFILE SCALE
0 5 1:500 25m

LEGEND

- STAGE 1 WORK ZONE
- STAGE 1 PUSH PAD
- STAGE 1 PROPOSED ACCESS ROAD
- EXISTING SEPTIC SYSTEM

NOTES

- DESIGN SPEED 80km/h
- EXISTING DRAINAGE CAPACITIES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION
- ENVIRONMENTAL RESTRICTIONS AND GUIDELINES SHALL BE FOLLOWED

STAGE 1:

1. CONSTRUCT ACCESS ROAD TO WORK AREA.
2. INSTALL CULVERTS TRENCHLESS THROUGH THE ROADWAY LANES.



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SOUTH COAST REGION
HIGHWAY DESIGN AND GEOMATICS ENGINEERING

SCALE 0 20 1:2000 100m

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PLOT DATE 2024-02-16

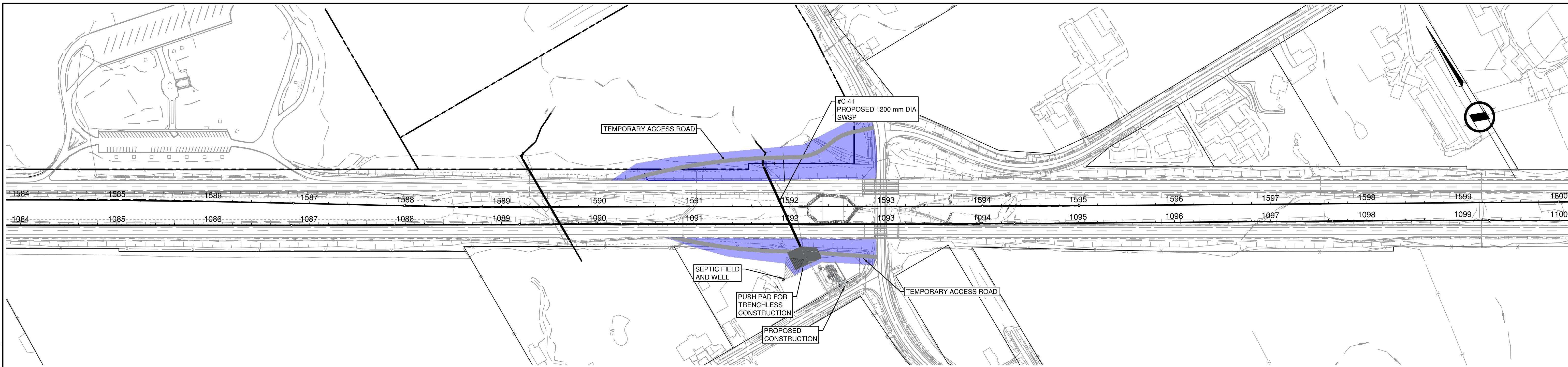
SUGGESTED CONSTRUCTION STAGING

**CULVERT 40
STAGE 1**

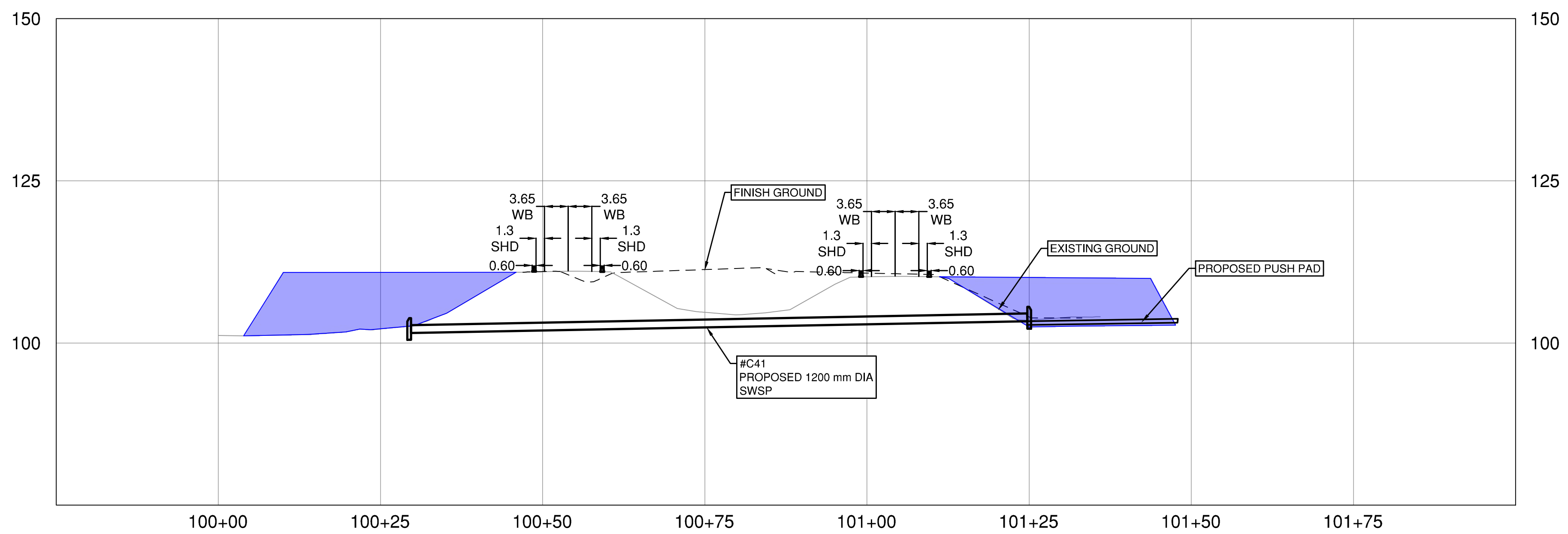
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QUALITY ASSURANCE	G.NGIENG	DATE	2024-02-29
DRAWN	J.CAPEWELL	DATE	2024-02-29
PROJECT NUMBER	13253-1001	REG	1
DRAWING NUMBER	R1-1105-1814	REV	

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STAGE 1 - CULVERT #C-41
SCALE 1:500



PROFILE SCALE 0 5 1:500 25m

LEGEND

- STAGE 1 WORK ZONE
- STAGE 1 PUSH PAD
- STAGE 1 PROPOSED ACCESS ROAD
- EXISTING SEPTIC SYSTEM

NOTES

- DESIGN SPEED 80km/h
- INSTREAM WORKS SHALL TAKE PLACE BETWEEN AUGUST 1, 2025 AND SEPTEMBER 15, 2025.
- THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE UNTIL EXISTING ENVIRONMENTAL RESTRICTIONS ARE LIFTED
- EXISTING DRAINAGE CAPACITIES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION
- ENVIRONMENTAL RESTRICTIONS AND GUIDELINES SHALL BE FOLLOWED

STAGE 1:

1. CONSTRUCT ACCESS ROAD TO WORK AREA.
2. INSTALL CULVERTS TRENCHLESS THROUGH THE ROADWAY LANES.

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SOUTH COAST REGION

HIGHWAY DESIGN AND GEOMATICS ENGINEERING

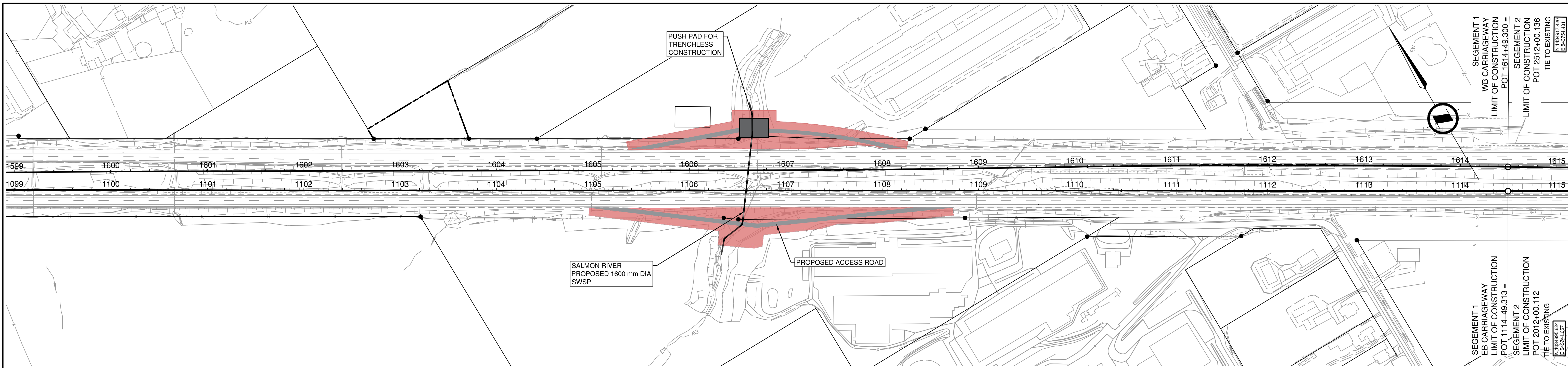
SUGGESTED CONSTRUCTION STAGING

CULVERT 41
STAGE 1

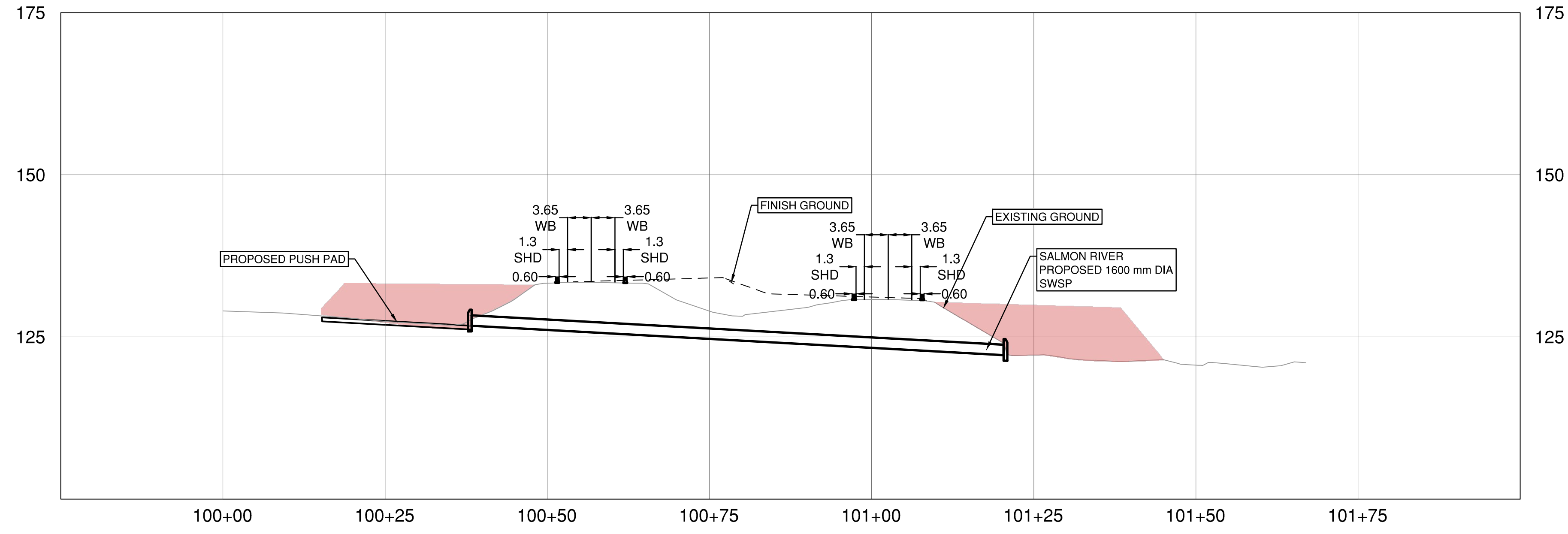
DESIGNED	A.GJERLAUG	DATE	2024-02-29
QUALITY CONTROL	AS/CC/SC	DATE	2024-02-29
QUALITY ASSURANCE	G.NGIENG	DATE	2024-02-29
DRAWN	J.CAPEWELL	DATE	2024-02-29

PROJECT NUMBER	REG	DRAWING NUMBER	REV
13253-1001	1	R1-1105-1815	

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STAGE 1 - SALMON RIVER
SCALE 1:500




PROFILE SCALE 0 5 1:500 25m

- LEGEND**
- STAGE 1 WORK ZONE
 - STAGE 1 PUSH PAD
 - STAGE 1 PROPOSED ACCESS ROAD

- NOTES**
- DESIGN SPEED 80km/h
 - EXISTING DRAINAGE CAPACITIES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION
 - ENVIRONMENTAL RESTRICTIONS AND GUIDELINES SHALL BE FOLLOWED
- STAGE 1:**
1. CONSTRUCT ACCESS ROAD TO WORK AREA.
 2. INSTALL CULVERTS TRENCHLESS THROUGH ROADWAY LANES.



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SOUTH COAST REGION
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SCALE 0 20 1:2000 100m

CAD FILENAME _CONSTRRAF-C18-19.DWG
FILE NUMBER 33036
PLOT DATE 2024-02-16

REV	DATE	REVISIONS	NAME

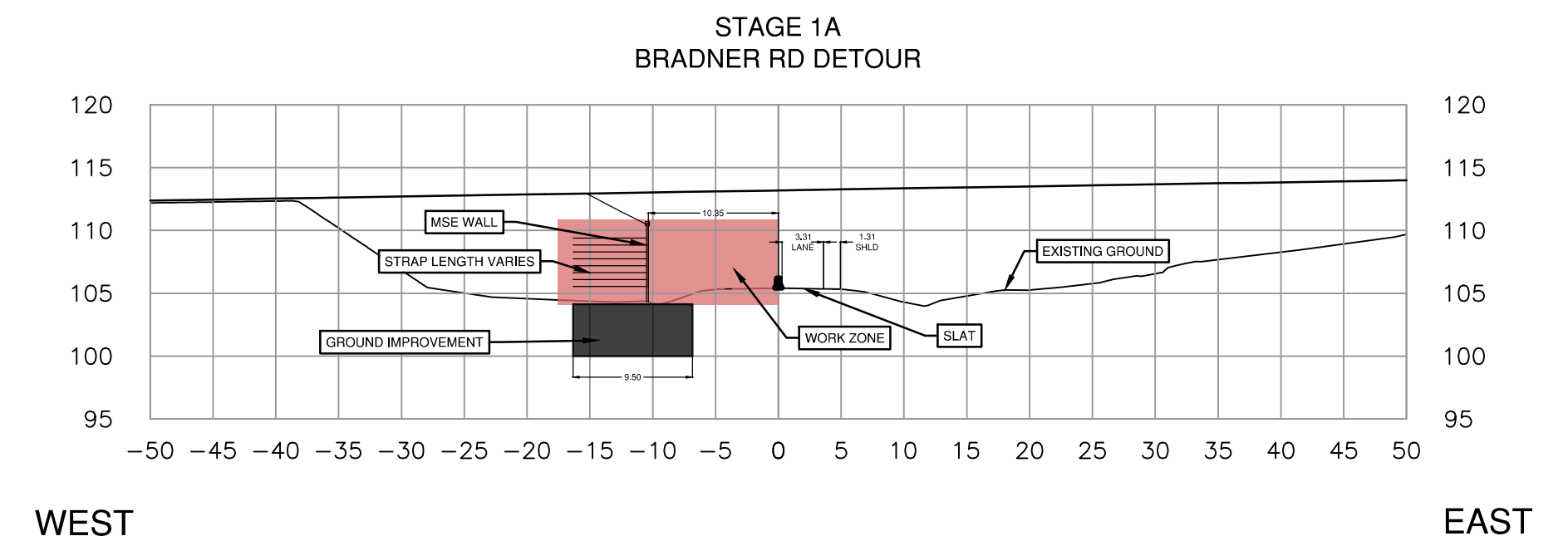
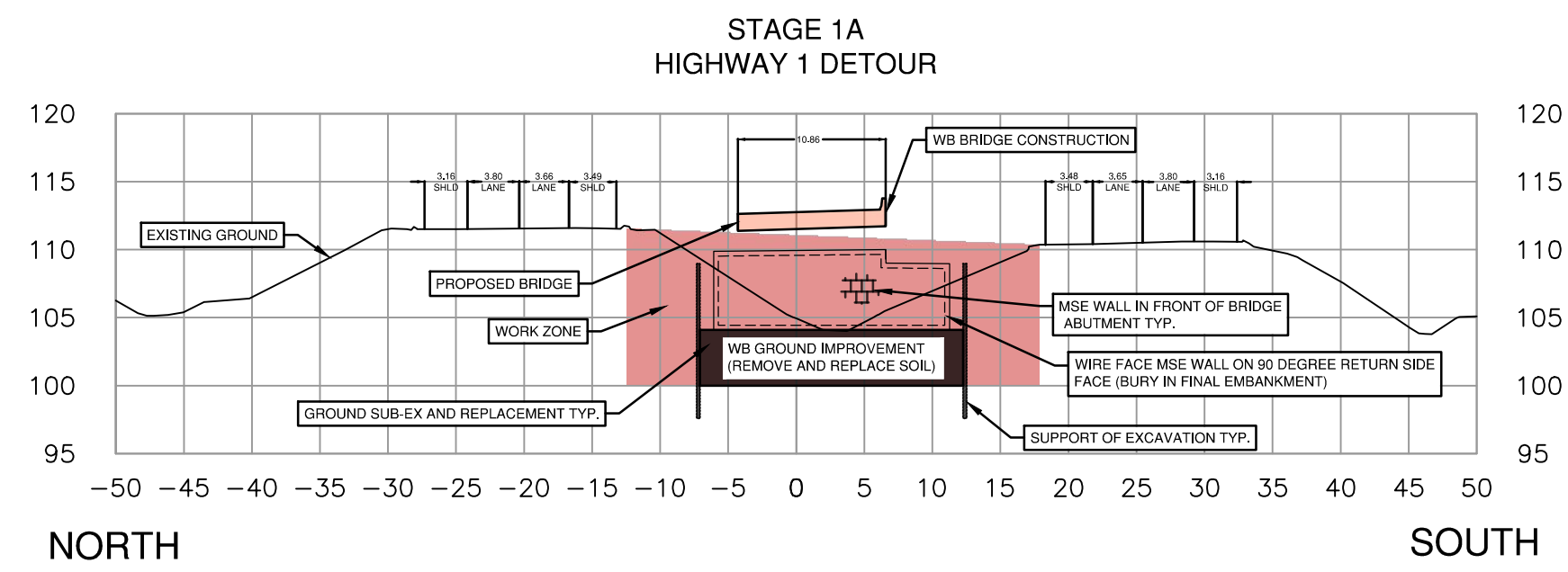
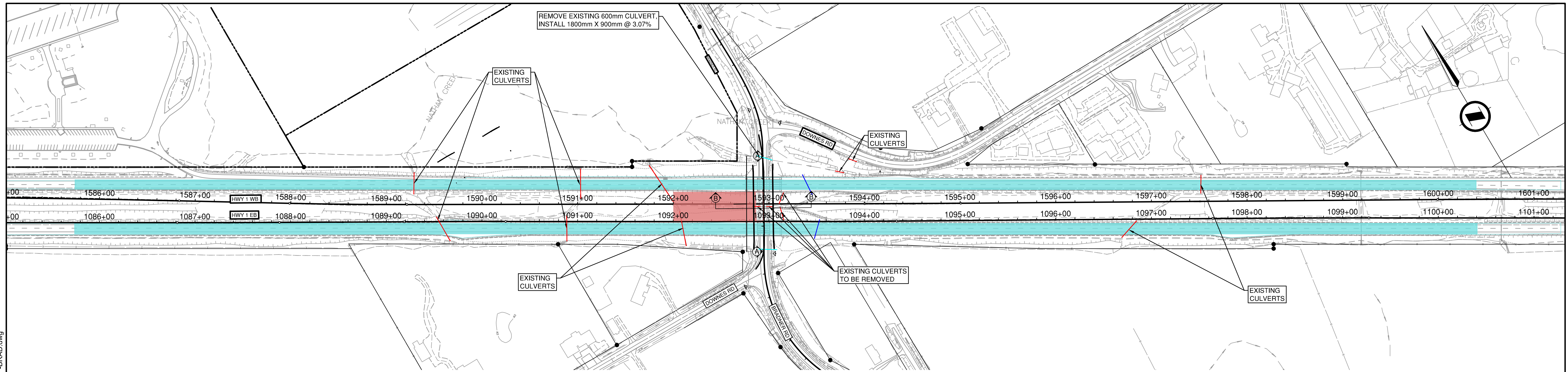
SUGGESTED CONSTRUCTION STAGING

SALMON RIVER

STAGE 1

DESIGNED	A.GJERLAUG	DATE	2024-02-29
QUALITY CONTROL	AS/CC/SC	DATE	2024-02-29
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LEGEND

	STAGE 1A TRAFFIC LANES		STAGE 3A TRAFFIC LANES
	STAGE 1A WORK ZONE		STAGE 3A WORK ZONE
	STAGE 1B TRAFFIC LANES		STAGE 3B TRAFFIC LANES
	STAGE 1B WORK ZONE		STAGE 3B WORK ZONE
	STAGE 2A TRAFFIC LANES		STAGE 4 TRAFFIC LANES
	STAGE 2A WORK ZONE		STAGE 4 WORK ZONE
	STAGE 2B TRAFFIC LANES		STAGE 5 TRAFFIC LANES
	STAGE 2B WORK ZONE		STAGE 5 WORK ZONE
	ULTIMATE DESIGN CULVERT		TEMPORARY CULVERT FOR CONSTRUCTION DETOUR
	EXISTING CULVERT TO BE REMOVED OR ABANDONED FOR ULTIMATE DESIGN		

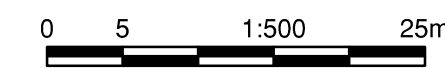
NOTES

- HWY 1 DETOUR DESIGN SPEED IS 80km/h
- BRADNER RD DETOUR DESIGN SPEED IS 50km/h

CONSTRUCTION STAGING:

1. MAINTAIN TRAFFIC ON EXISTING EB & WB BRIDGES
2. CONSTRUCT PRELOAD AREA IN WEST MEDIAN. PRELOAD AREA TO REMAIN IN PLACE FOR 1 YEAR
3. INSTALL TEMPORARY TRAFFIC SIGNALS ON THE BRADNER ROAD TO MAINTAIN A SINGLE LANE ALTERNATING TRAFFIC.
4. CLOSE THE SB LANE ON BRADNER ROAD TO PROVIDE ROOM FOR THE INSTALLATION OF THE TEMPORARY SHEETPILE WALLS FOLLOWED BY THE PARTIAL CONSTRUCTION OF THE WEST ABUTMENT.
5. CONSTRUCT A TEMPORARY SHEETPILE COFFERDAM FOR THE GROUND IMPROVEMENT WORKS FOR THE PARTIAL CONSTRUCTION OF THE WEST ABUTMENT. FOR THE APPROXIMATE EXTENTS OF THE SHEETPILE WALLS REFER TO STRUCTURAL DRAWINGS.

PROFILE SCALE




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PH : 604.371.0091 FAX : 604.371.0098



BRITISH COLUMBIA
MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
SOUTH COAST REGION
HIGHWAY DESIGN AND GEOMATICS ENGINEERING

SCALE

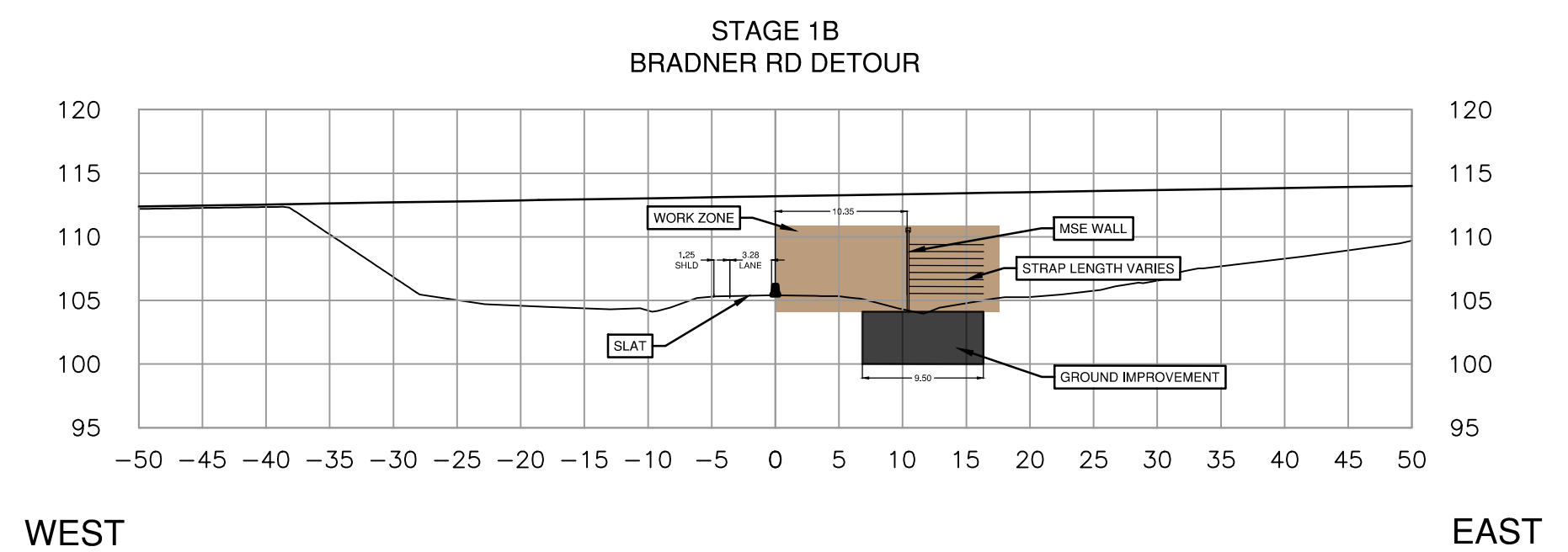
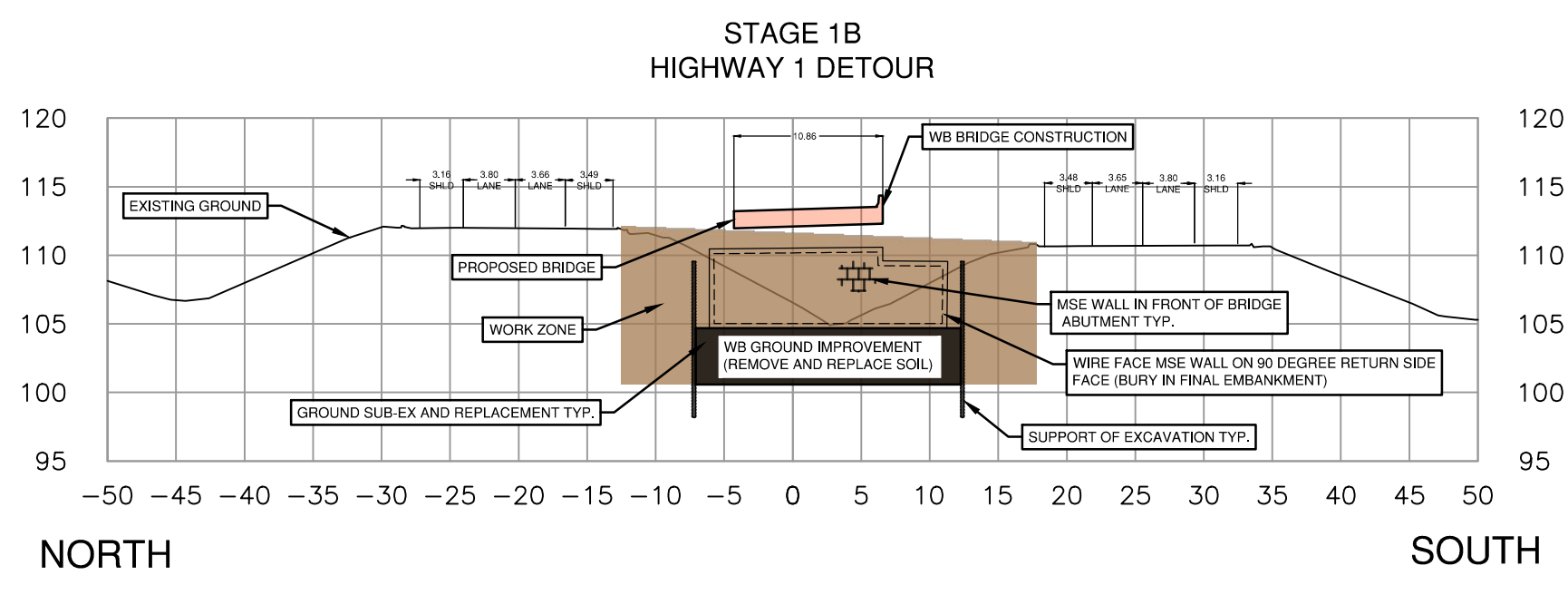
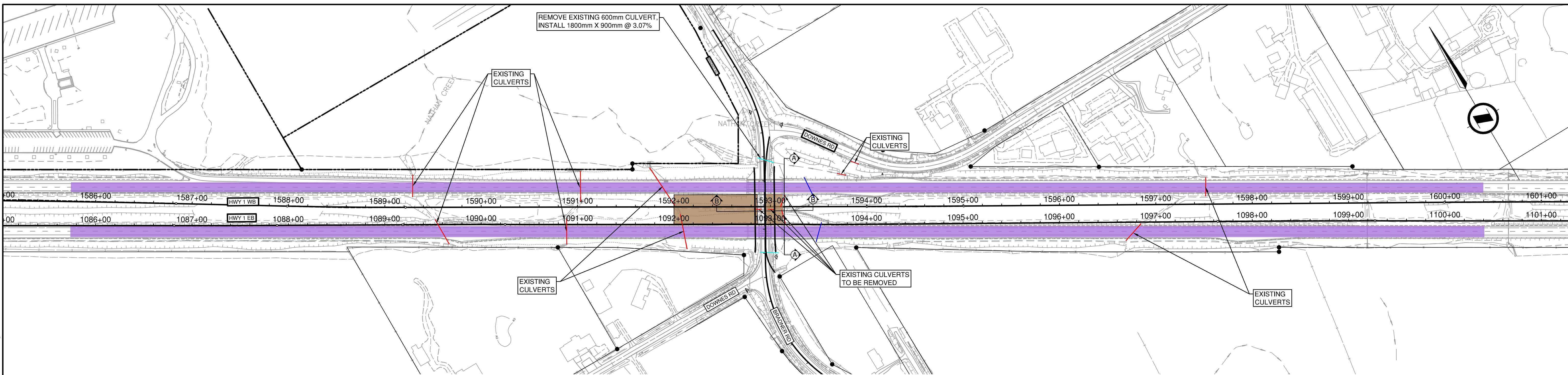
CAD FILENAME: CONSTTRAF-BRAD.DWG
FILE NUMBER: 33038
PLOT DATE: 2024-02-16

**SUGGESTED CONSTRUCTION STAGING
HIGHWAY 1 AT BRADNER OVERPASS
STAGE 1A**

REV	DATE	REVISIONS	NAME

DESIGNED	A.GJERLAUG	DATE	2024-02-29
QUALITY CONTROL	AS/CC/SC	DATE	2024-02-29
QUALITY ASSURANCE	T.LETWIN	DATE	2024-02-29
DRAWN	J.CAPEWELL	DATE	2024-02-29
PROJECT NUMBER	REG	DRAWING NUMBER	REV
13253-1001	1	R1-1105-1820	

PLOT DATE: 2024/02/16 G:\Projects\33000\33000\33000\33036_AE_Hwy1_264\Whatcom02_CADD\WA07_Hwy1_ML\DrawingProduction\1800_ConstructionStaging\Structural\Bradner Bridge\CONSTRATRAF-BRAD.dwg



PROFILE SCALE

LEGEND			
█	STAGE 1A TRAFFIC LANES	█	STAGE 3A TRAFFIC LANES
█	STAGE 1A WORK ZONE	█	STAGE 3A WORK ZONE
█	STAGE 1B TRAFFIC LANES	█	STAGE 3B TRAFFIC LANES
█	STAGE 1B WORK ZONE	█	STAGE 3B WORK ZONE
█	STAGE 2A TRAFFIC LANES	█	STAGE 4 TRAFFIC LANES
█	STAGE 2A WORK ZONE	█	STAGE 4 WORK ZONE
█	STAGE 2B TRAFFIC LANES	█	STAGE 5 TRAFFIC LANES
█	STAGE 2B WORK ZONE	█	STAGE 5 WORK ZONE
█	ULTIMATE DESIGN CULVERT	█	TEMPORARY CULVERT FOR CONSTRUCTION DETOUR
█	EXISTING CULVERT TO BE REMOVED OR ABANDONED FOR ULTIMATE DESIGN		

NOTES

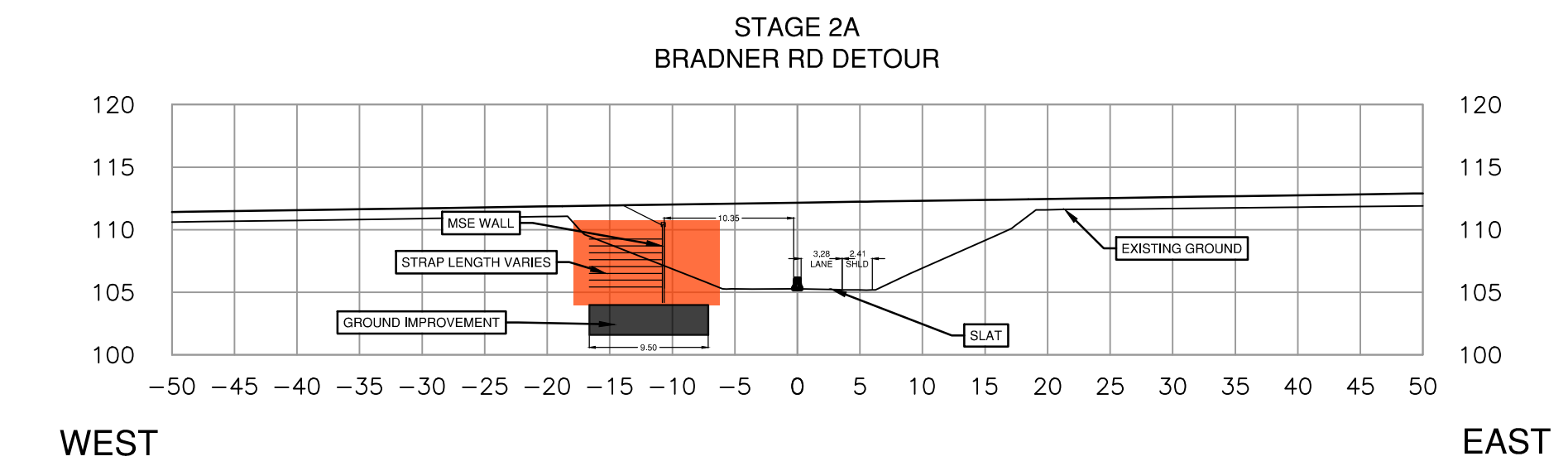
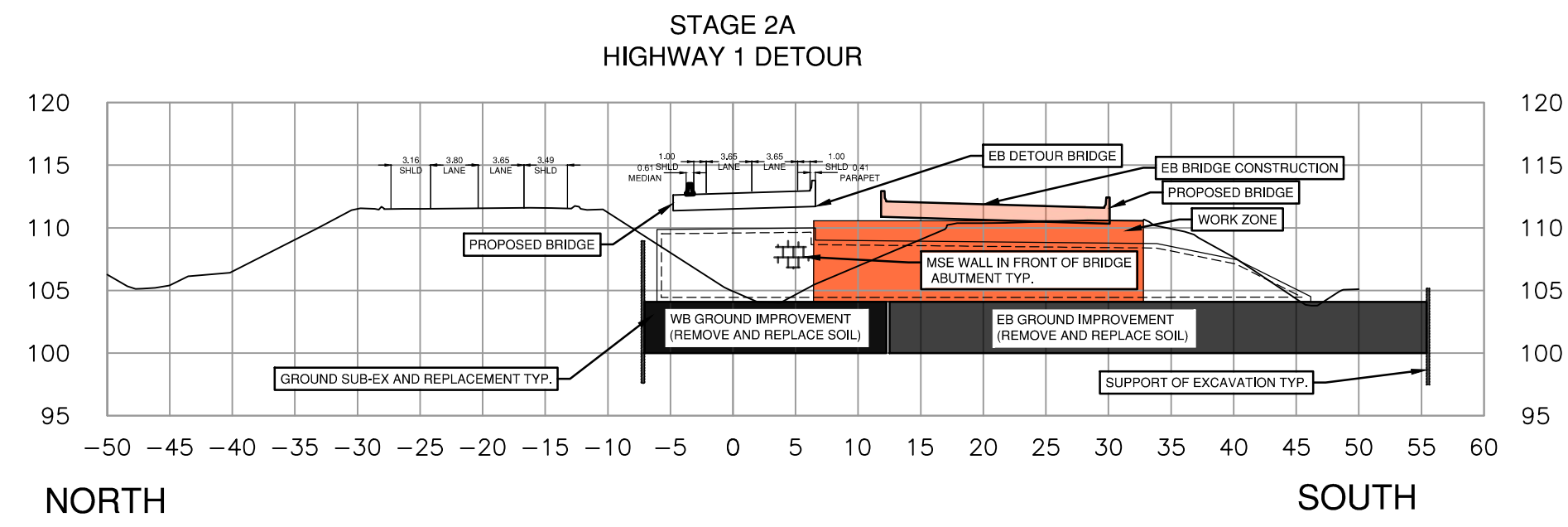
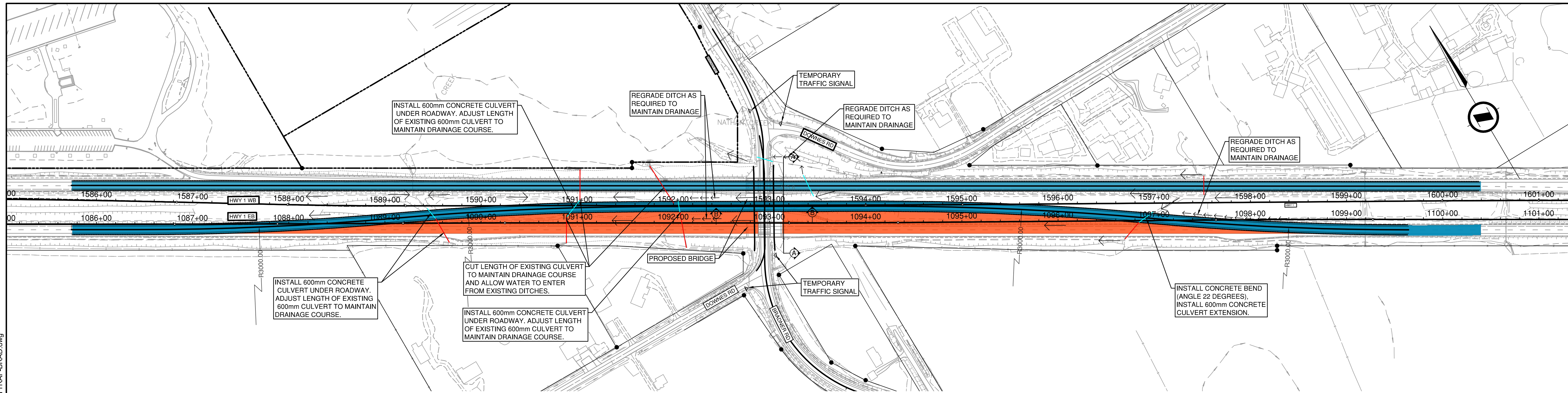
- HWY 1 DETOUR DESIGN SPEED IS 80km/h
- BRADNER RD DETOUR DESIGN SPEED IS 50km/h

- CONSTRUCTION STAGING:**
1. MAINTAIN TRAFFIC ON EXISTING EB & WB BRIDGES
 2. CONSTRUCT PRELOAD AREA IN EAST MEDIAN. PRELOAD TO REMAIN IN PLACE FOR 1 YEAR
 3. MODIFY TEMPORARY TRAFFIC SIGNALS ON THE BRADNER ROAD TO MAINTAIN A SINGLE LANE ALTERNATING TRAFFIC.
 4. CLOSE THE NB LANE ON BRADNER ROAD TO PROVIDE ROOM FOR THE INSTALLATION OF THE SHEETPILE WALLS FOR THE GROUND IMPROVEMENT FOLLOWED BY THE PARTIAL LENGTH OF THE EAST ABUTMENT.
 5. CONSTRUCT A TEMPORARY SHEETPILE COFFERDAM FOR THE GROUND IMPROVEMENT WORKS FOR THE PARTIAL CONSTRUCTION OF THE WEST ABUTMENT. FOR THE APPROXIMATE EXTENTS OF THE SHEETPILE WALLS REFER TO STRUCTURAL DRAWINGS.
 6. CONSTRUCT THE PORTION OF THE PROPOSED WB BRIDGE TO ACCOMMODATE TWO LANES OF TRAFFIC.

SUITE 201, 8506 - 200 STREET LANGLEY, BRITISH COLUMBIA, V2Y 0M1 PH : 604.371.0091 FAX : 604.371.0098		BRITISH COLUMBIA MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION HIGHWAY DESIGN AND GEOMATICS ENGINEERING	
SCALE 0 20 1:2000 100m		CAD FILENAME CONSTTRAF-BRAD.DWG FILE NUMBER 33036 PLOT DATE 2024-02-16	
REV	DATE	REVISIONS	NAME

DESIGNED	A.GJERLAUG	DATE	2024-01-26
QUALITY CONTROL	AS/CC/SC	DATE	2024-01-26
QUALITY ASSURANCE	T.LETWIN	DATE	2024-01-26
DRAWN	J.CAPEWELL	DATE	2024-01-26
PROJECT NUMBER	REG	DRAWING NUMBER	REV
13253-1001	1	R1-1105-1821	

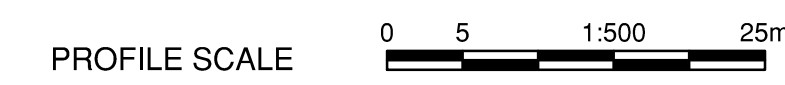
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LEGEND

	STAGE 1A TRAFFIC LANES		STAGE 3A TRAFFIC LANES
	STAGE 1A WORK ZONE		STAGE 3A WORK ZONE
	STAGE 1B TRAFFIC LANES		STAGE 3B TRAFFIC LANES
	STAGE 1B WORK ZONE		STAGE 3B WORK ZONE
	STAGE 2A TRAFFIC LANES		STAGE 4 TRAFFIC LANES
	STAGE 2A WORK ZONE		STAGE 4 WORK ZONE
	STAGE 2B TRAFFIC LANES		STAGE 5 TRAFFIC LANES
	STAGE 2B WORK ZONE		STAGE 5 WORK ZONE
	ULTIMATE DESIGN CULVERT		TEMPORARY CULVERT FOR CONSTRUCTION DETOUR
	EXISTING CULVERT TO BE REMOVED OR ABANDONED FOR ULTIMATE DESIGN		

- NOTES -**
- HWY 1 DETOUR DESIGN SPEED IS 80km/h
 - BRADNER RD DETOUR DESIGN SPEED IS 50km/h
- CONSTRUCTION STAGING:**
1. DETOUR HWY 1 EB TRAFFIC ONTO THE PARTIALLY CONSTRUCTED PROPOSED WB BRIDGE. MAINTAIN THE WB TRAFFIC ON EXISTING WB BRIDGE.
 2. MODIFY TEMPORARY TRAFFIC SIGNALS ON THE BRADNER ROAD TO MAINTAIN A SINGLE LANE ALTERNATING TRAFFIC.
 3. CLOSE THE SB LANE ON BRADNER ROAD TO PROVIDE ROOM FOR THE INSTALLATION OF THE SHEETPILE WALLS.
 4. DEMOLISH THE EXISTING EB BRIDGE.
 5. CONSTRUCT A TEMPORARY SHEETPILE COFFERDAM FOR THE GROUND IMPROVEMENT WORKS FOR THE PARTIAL CONSTRUCTION OF THE WEST ABUTMENT. FOR THE APPROXIMATE EXTENTS OF THE SHEETPILE WALLS REFER TO STRUCTURAL DRAWINGS.



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LANGLEY, BRITISH COLUMBIA, V2Y 0M1
PH : 604.371.0091 FAX : 604.371.0098

SCALE 0 20 1:2000 100m

CAD FILENAME: CONSTTRAFF-BRAD.DWG
FILE NUMBER: 33036
PLOT DATE: 2024-02-16

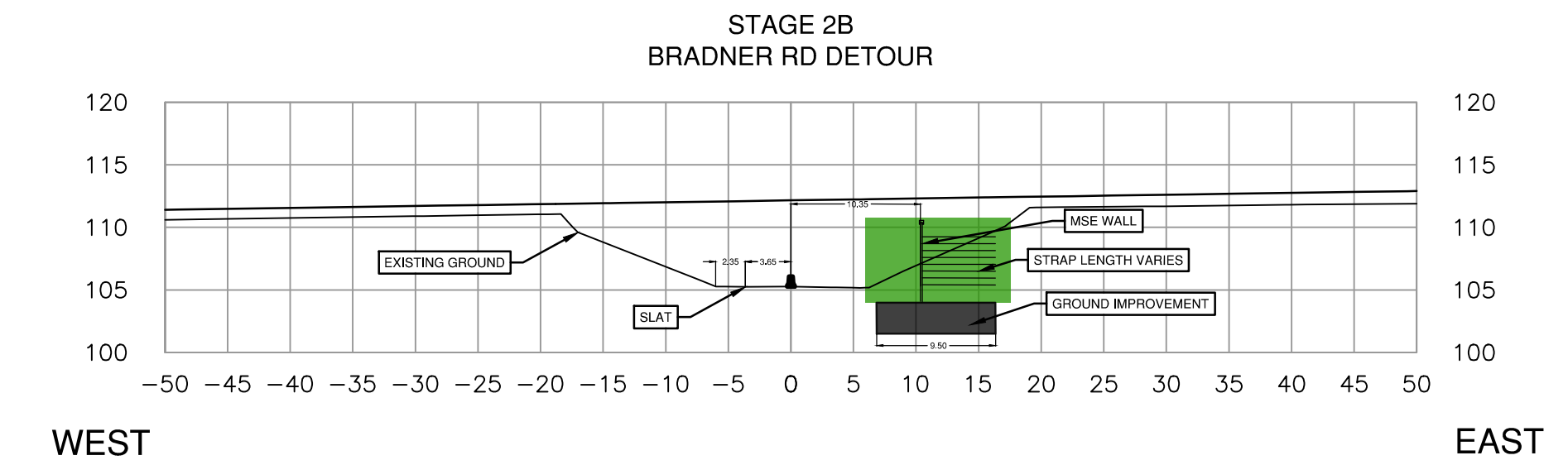
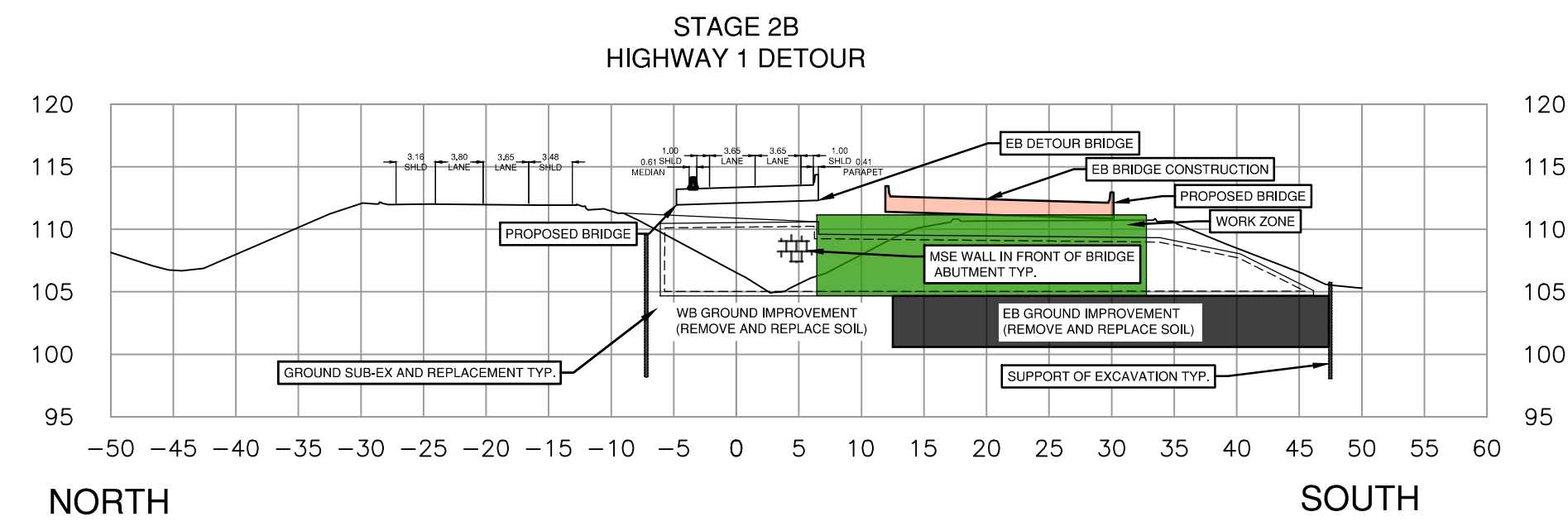
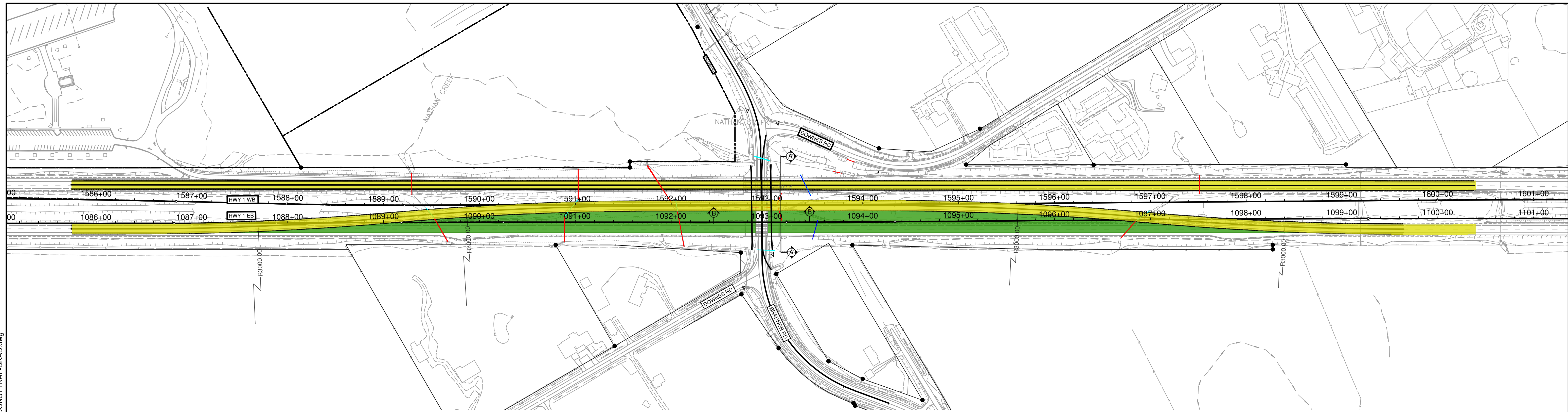
REV	DATE	REVISIONS	NAME

BRITISH COLUMBIA MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
SOUTH COAST REGION
HIGHWAY DESIGN AND GEOMATICS ENGINEERING

SUGGESTED CONSTRUCTION STAGING
HIGHWAY 1 AT BRADNER OVERPASS
STAGE 2A

DESIGNED	A.GJERLAUG	DATE	2024-02-29
QUALITY CONTROL	AS/CC/SC	DATE	2024-02-29
QUALITY ASSURANCE	T.LETWIN	DATE	2024-02-29
DRAWN	J.CAPEWELL	DATE	2024-02-29
PROJECT NUMBER	13253-1001	REG	1
DRAWING NUMBER	R1-1105-1822	REV	

PLOT DATE: 2024/02/16 G:\Projects\33000\33000\33000\33036_AE_Hwy1_264-Whatcom02_CADD\WA07_Hwy1_264-Whatcom02_ConstructionStaging\Structural\Bradner Bridge\CONSTRTRAFF-BRAD.dwg



LEGEND

 STAGE 1A TRAFFIC LANES	 STAGE 3A TRAFFIC LANES
 STAGE 1A WORK ZONE	 STAGE 3A WORK ZONE
 STAGE 1B TRAFFIC LANES	 STAGE 3B TRAFFIC LANES
 STAGE 1B WORK ZONE	 STAGE 3B WORK ZONE
 STAGE 2A TRAFFIC LANES	 STAGE 4 TRAFFIC LANES
 STAGE 2A WORK ZONE	 STAGE 4 WORK ZONE
 STAGE 2B TRAFFIC LANES	 STAGE 5 TRAFFIC LANES
 STAGE 2B WORK ZONE	 STAGE 5 WORK ZONE
 ULTIMATE DESIGN CULVERT	 TEMPORARY CULVERT FOR CONSTRUCTION DETOUR
 EXISTING CULVERT TO BE REMOVED OR ABANDONED FOR ULTIMATE DESIGN	

NOTES

- HWY 1 DETOUR DESIGN SPEED IS 80km/h
- BRADNER RD DETOUR DESIGN SPEED IS 50km/h

CONSTRUCTION STAGING:

1. MAINTAIN HWY 1 TRAFFIC AS PER STAGE 2A.
2. MODIFY TEMPORARY TRAFFIC SIGNALS ON THE BRADNER ROAD TO MAINTAIN A SINGLE LANE ALTERNATING TRAFFIC.
3. CLOSE THE NB LANE ON BRADNER ROAD TO PROVIDE ROOM FOR THE INSTALLATION OF THE SHEETPILE WALLS FOR THE GROUND IMPROVEMENT FOLLOWED BY THE EAST ABUTMENT.
4. CONSTRUCT A TEMPORARY SHEETPILE COFFERDAM FOR THE GROUND IMPROVEMENT WORKS FOR THE PROPOSED BRIDGE EAST ABUTMENT. FOR THE APPROXIMATE EXTENTS OF THE SHEETPILE WALLS REFER TO STRUCTURAL DRAWINGS.
5. CONSTRUCT EB BRIDGE.

PROFILE SCALE



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MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
SOUTH COAST REGION
HIGHWAY DESIGN AND GEOMATICS ENGINEERING

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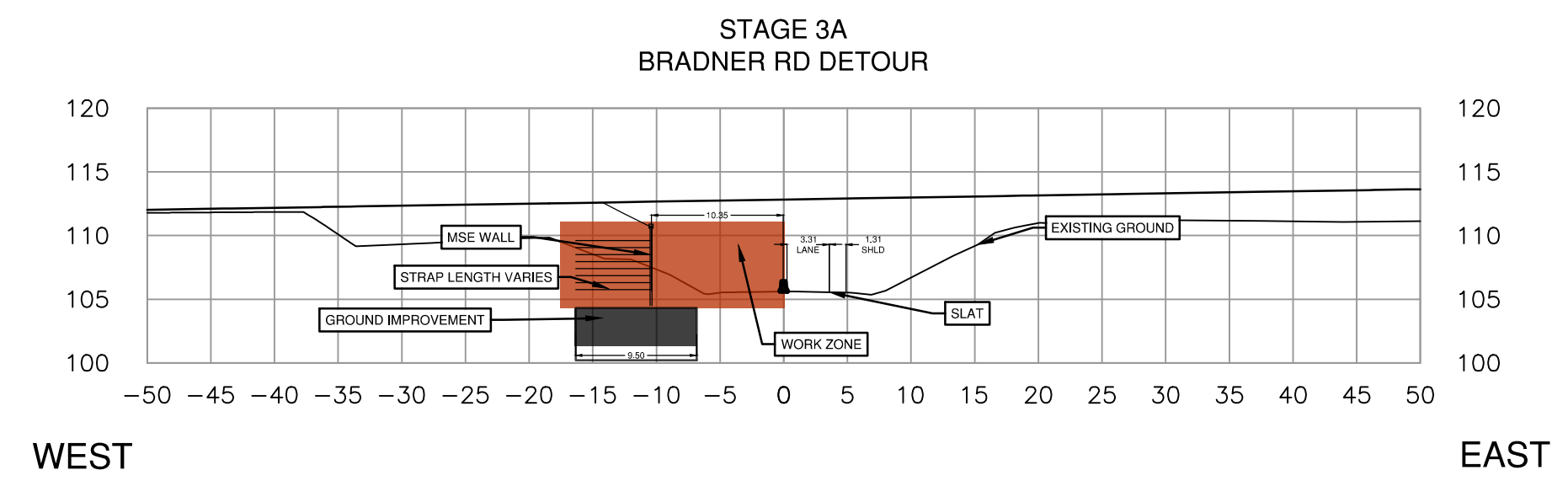
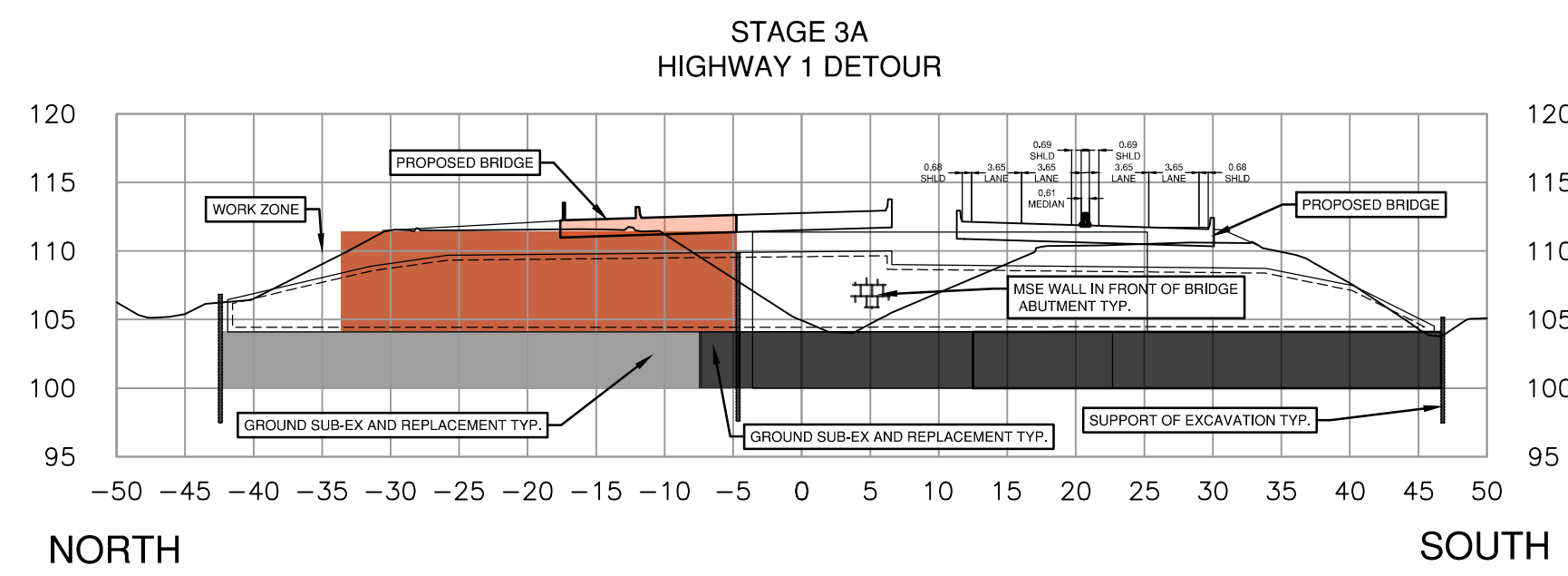
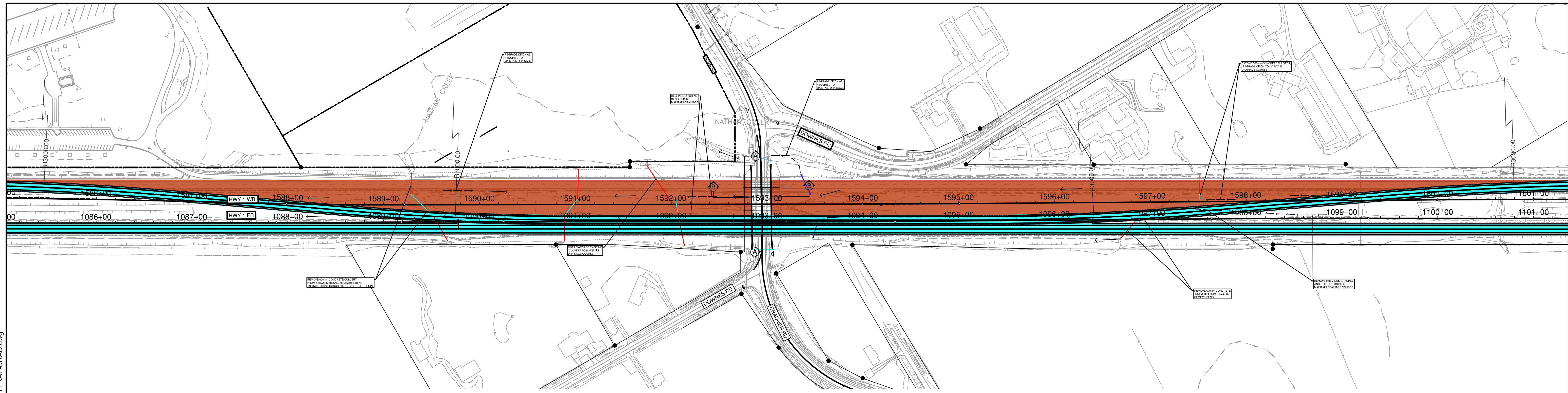
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FILE NUMBER: 33036
PLOT DATE: 2024-02-16

SUGGESTED CONSTRUCTION STAGING
HIGHWAY 1 AT BRADNER OVERPASS
STAGE 2B

REV	DATE	REVISIONS	NAME

DESIGNED	A.GJERLAUG	DATE	2024-02-29
QUALITY CONTROL	AS/CC/SC	DATE	2024-02-29
QUALITY ASSURANCE	T.LETWIN	DATE	2024-02-29
DRAWN	J.CAPEWELL	DATE	2024-02-29
PROJECT NUMBER	REG	DRAWING NUMBER	REV
13253-1001	1	R1-1105-1823	

PLOT DATE: 2024/02/16 G:\Projects\33000\33000\33000\33036_AE_Hwy1_264-Whatcom02_CADD\WA07_Hwy1_ML\DrawingProduction\1800_ConstructionStaging\Structural\Bradner Bridge\CONSTRTRAFF-BRAD.dwg



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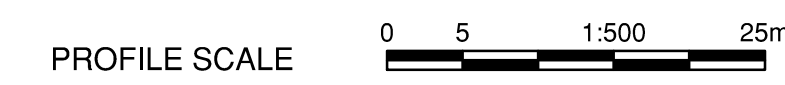
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	STAGE 1A WORK ZONE		STAGE 3A WORK ZONE
	STAGE 1B TRAFFIC LANES		STAGE 3B TRAFFIC LANES
	STAGE 1B WORK ZONE		STAGE 3B WORK ZONE
	STAGE 2A TRAFFIC LANES		STAGE 4 TRAFFIC LANES
	STAGE 2A WORK ZONE		STAGE 4 WORK ZONE
	STAGE 2B TRAFFIC LANES		STAGE 5 TRAFFIC LANES
	STAGE 2B WORK ZONE		STAGE 5 WORK ZONE
	ULTIMATE DESIGN CULVERT		TEMPORARY CULVERT FOR CONSTRUCTION DETOUR
	EXISTING CULVERT TO BE REMOVED OR ABANDONED FOR ULTIMATE DESIGN		

NOTES

- HWY 1 DETOUR DESIGN SPEED IS 80km/h
- BRADNER RD DETOUR DESIGN SPEED IS 50km/h

CONSTRUCTION STAGING:

1. DETOUR HWY 1 EB TRAFFIC FROM THE PARTIALLY CONSTRUCTED PROPOSED WB BRIDGE TO THE EB BRIDGE. DETOUR HWY 1 WB TRAFFIC FROM THE EXISTING WB BRIDGE TO THE EB BRIDGE.
2. MODIFY TEMPORARY TRAFFIC SIGNALS ON THE BRADNER ROAD TO MAINTAIN A SINGLE LANE ALTERNATING TRAFFIC.
3. CLOSE THE SB LANE ON BRADNER ROAD TO PROVIDE ROOM FOR THE INSTALLATION OF THE SHEETPILE WALLS.
4. DEMOLISH THE EXISTING WB BRIDGE.
5. CONSTRUCT A TEMPORARY SHEETPILE COFFERDAM FOR THE GROUND IMPROVEMENT WORKS FOR THE PROPOSED BRIDGE WEST ABUTMENT. FOR THE APPROXIMATE EXTENTS OF THE SHEETPILE WALLS REFER TO STRUCTURAL DRAWINGS.



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BRITISH COLUMBIA MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
SOUTH COAST REGION
HIGHWAY DESIGN AND GEOMATICS ENGINEERING

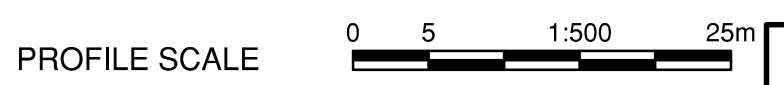
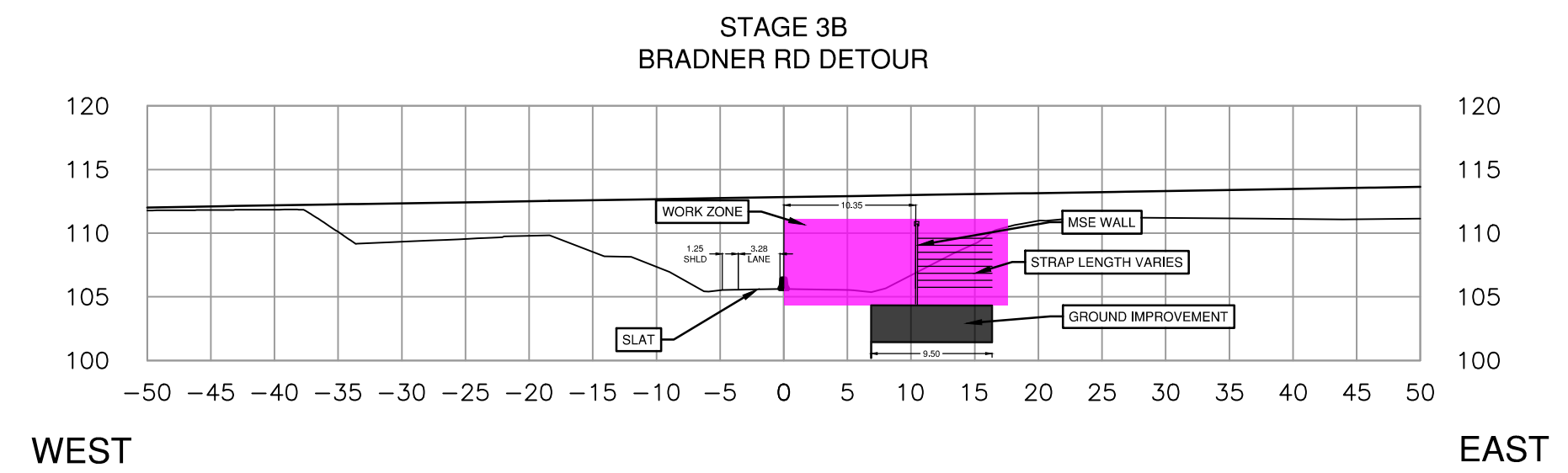
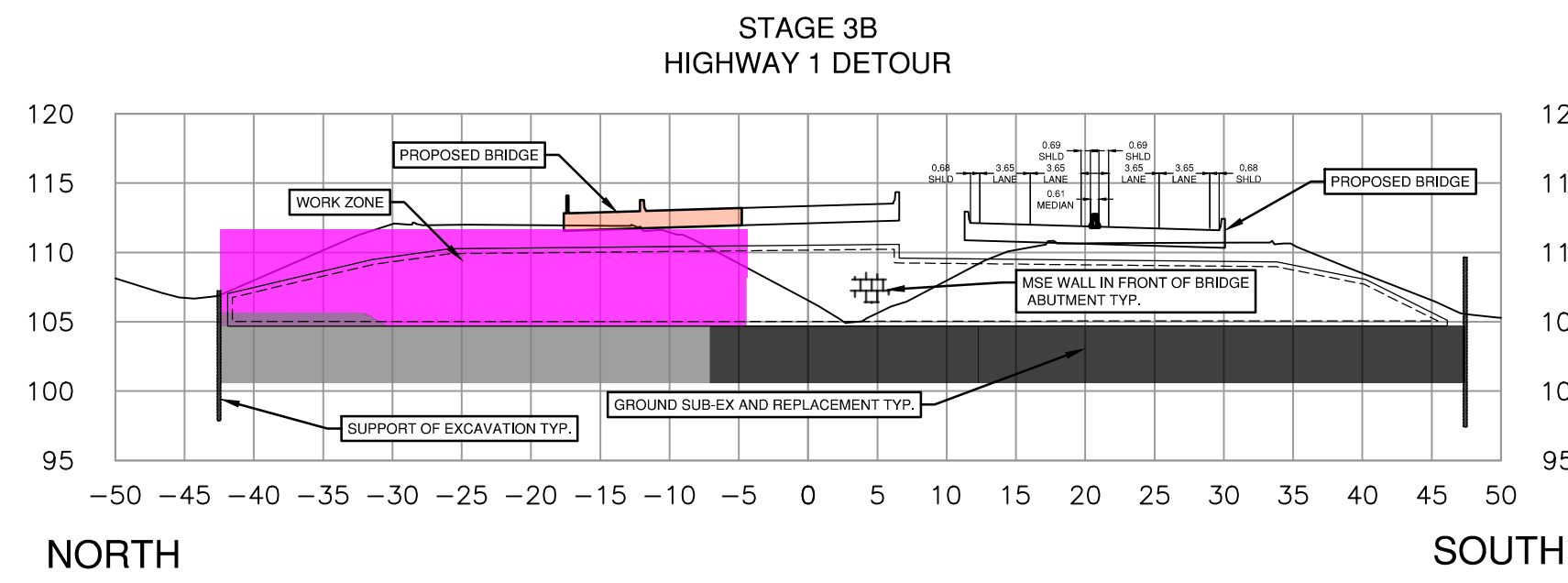
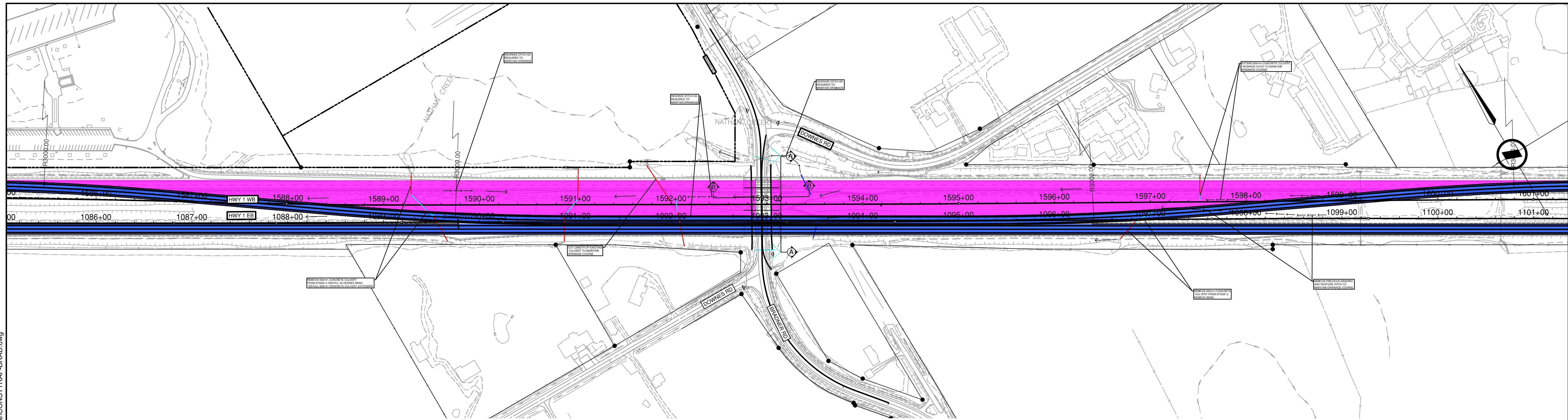
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FILE NUMBER 33036
PLOT DATE 2024-02-16

REV	DATE	REVISIONS	NAME

SUGGESTED CONSTRUCTION STAGING
HIGHWAY 1 AT BRADNER OVERPASS
STAGE 3A

DESIGNED	A.GJERLAUG	DATE	2024-02-29
QUALITY CONTROL	AS/CC/SC	DATE	2024-02-29
QUALITY ASSURANCE	T.LETWIN	DATE	2024-02-29
DRAWN	J.CAPEWELL	DATE	2024-02-29
PROJECT NUMBER	13253-1001	REG	1
DRAWING NUMBER	R1-1105-1824	REV	

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LEGEND	
	STAGE 1A TRAFFIC LANES
	STAGE 1A WORK ZONE
	STAGE 1B TRAFFIC LANES
	STAGE 1B WORK ZONE
	STAGE 2A TRAFFIC LANES
	STAGE 2A WORK ZONE
	STAGE 2B TRAFFIC LANES
	STAGE 2B WORK ZONE
	ULTIMATE DESIGN CULVERT
	EXISTING CULVERT TO BE REMOVED OR ABANDONED FOR ULTIMATE DESIGN
	STAGE 3A TRAFFIC LANES
	STAGE 3A WORK ZONE
	STAGE 3B TRAFFIC LANES
	STAGE 3B WORK ZONE
	STAGE 4 TRAFFIC LANES
	STAGE 4 WORK ZONE
	STAGE 5 TRAFFIC LANES
	STAGE 5 WORK ZONE
	TEMPORARY CULVERT FOR CONSTRUCTION DETOUR

- NOTES**
- HWY 1 DETOUR DESIGN SPEED IS 80km/h
 - BRADNER RD DETOUR DESIGN SPEED IS 50km/h

- CONSTRUCTION STAGING:**
1. MAINTAIN HWY 1 TRAFFIC AS PER STAGE 3A.
 2. MODIFY TEMPORARY TRAFFIC SIGNALS ON THE BRADNER ROAD TO MAINTAIN A SINGLE LANE ALTERNATING TRAFFIC.
 3. CLOSE THE NB LANE ON BRADNER ROAD TO PROVIDE ROOM FOR THE INSTALLATION OF THE SHEETPILE WALLS FOR THE GROUND IMPROVEMENT FOLLOWED BY THE EAST ABUTMENT.
 4. CONSTRUCT A TEMPORARY SHEETPILE COFFERDAM FOR THE GROUND IMPROVEMENT WORKS FOR THE PROPOSED BRIDGE EAST ABUTMENT. FOR THE APPROXIMATE EXTENTS OF THE SHEETPILE WALLS REFER TO STRUCTURAL DRAWINGS.
 5. CONSTRUCT WB BRIDGE.

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SCALE 0 20 1:2000 100m		CAD FILENAME	CONSTRTRAFF-BRAD.DWG
		FILE NUMBER	33036
		PLOT DATE	2024-02-16
REV	DATE	REVISIONS	NAME

BRITISH COLUMBIA

MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE

SOUTH COAST REGION

HIGHWAY DESIGN AND GEOMATICS ENGINEERING

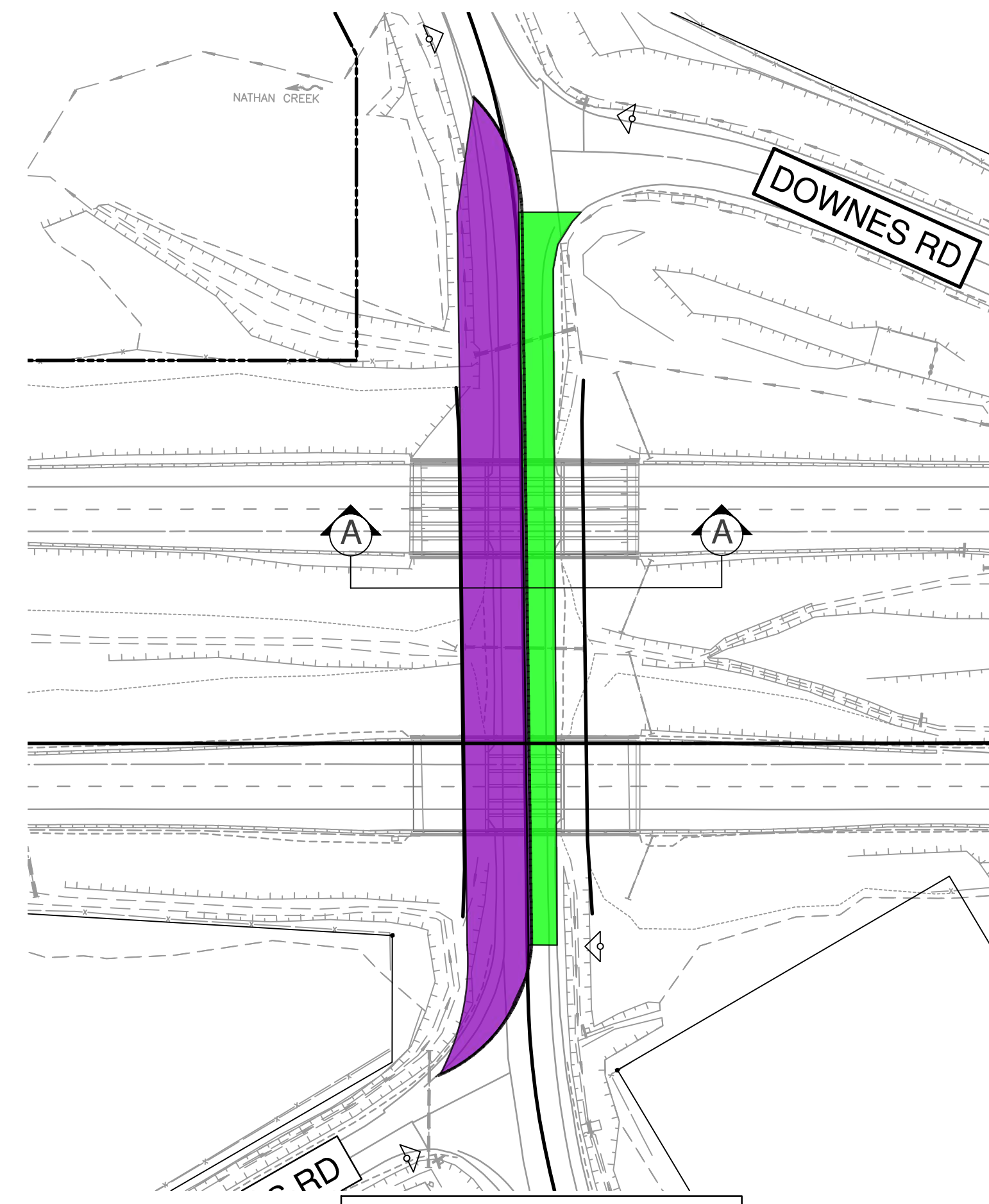
SUGGESTED CONSTRUCTION STAGING

HIGHWAY 1 AT BRADNER OVERPASS

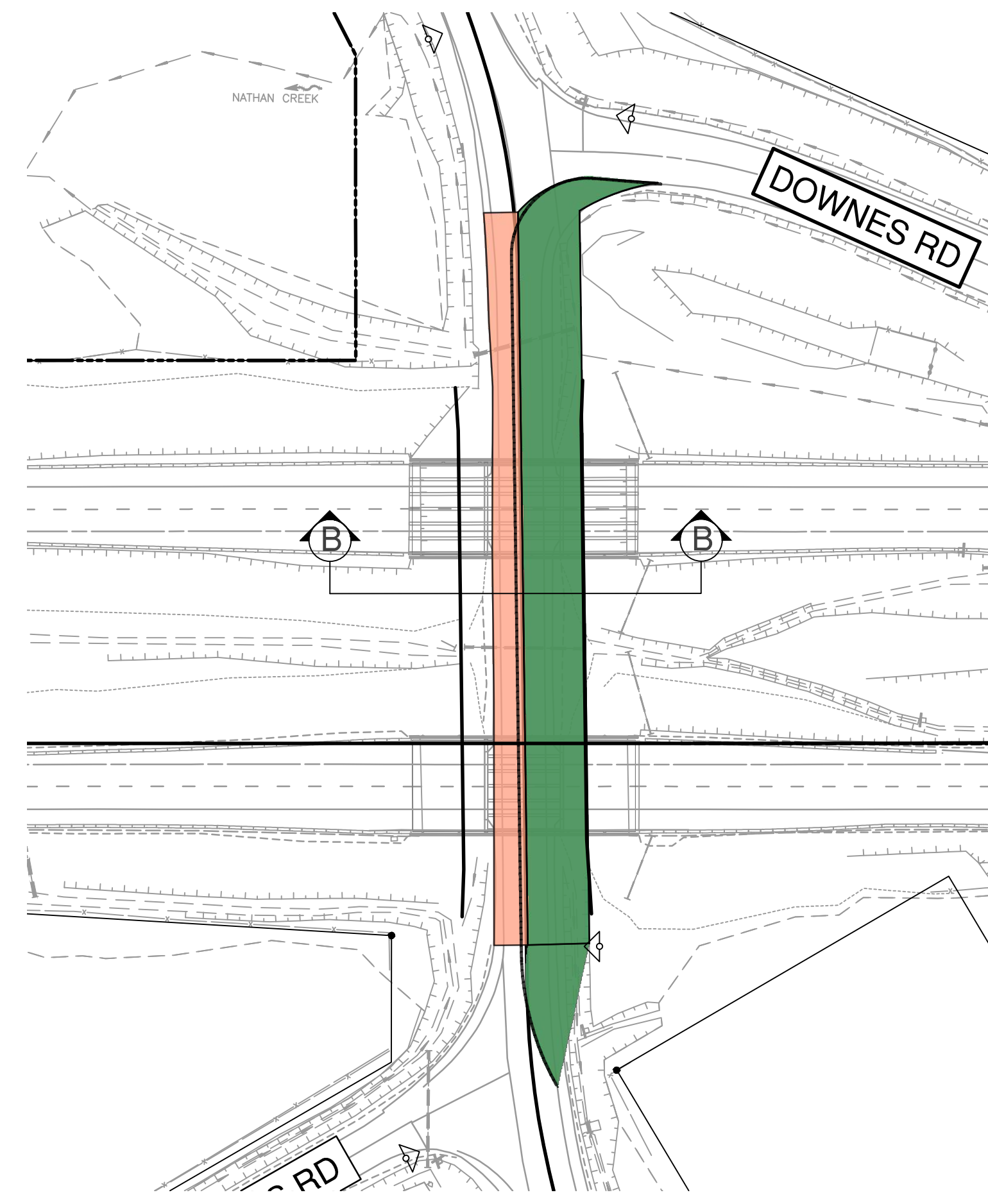
STAGE 3B

DESIGNED	A.GJERLAUG	DATE	2024-02-29
QUALITY CONTROL	AS/CC/SC	DATE	2024-02-29
QUALITY ASSURANCE	T.LETWIN	DATE	2024-02-29
DRAWN	J.CAPEWELL	DATE	2024-02-29
PROJECT NUMBER	13253-1001	REG	1
DRAWING NUMBER	R1-1105-1825	REV	

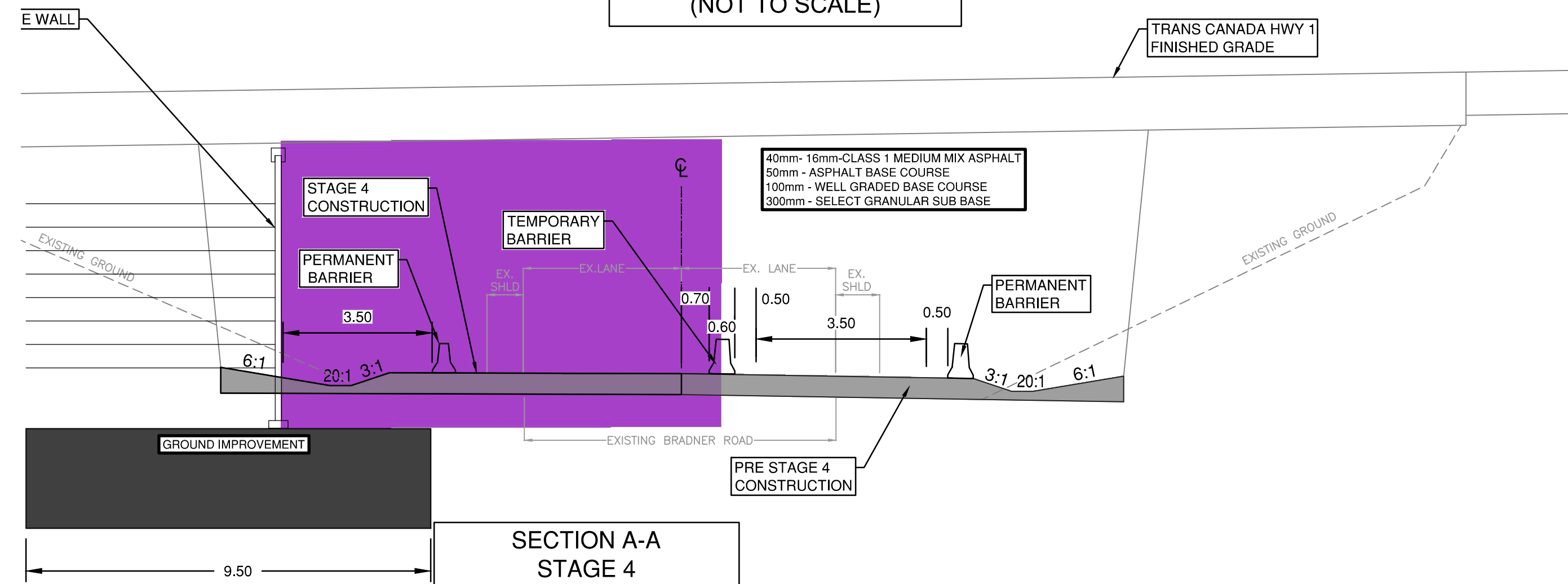
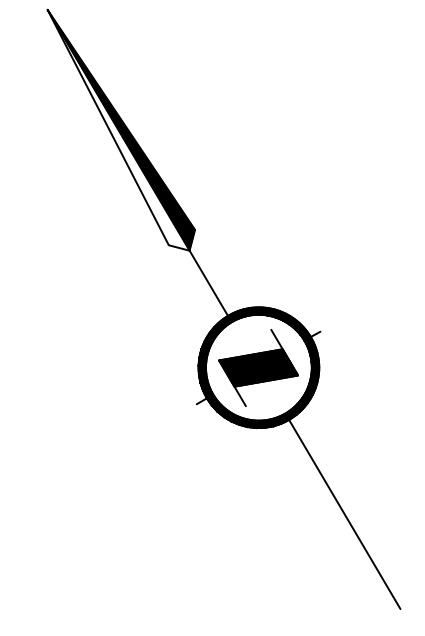
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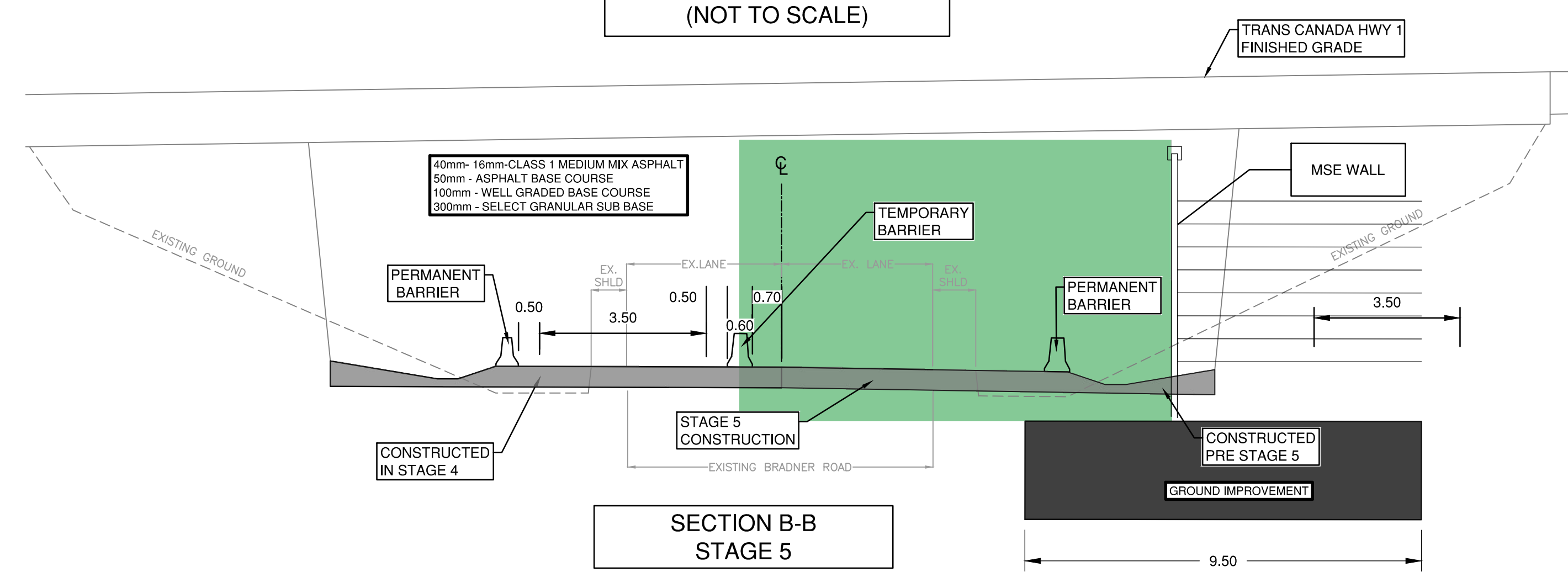
BRADNER ROAD - STAGE 4
(NOT TO SCALE)



BRADNER ROAD - STAGE 5
(NOT TO SCALE)



SECTION A-A
STAGE 4



SECTION B-B
STAGE 5

LEGEND

 STAGE 1A TRAFFIC LANES	 STAGE 3A TRAFFIC LANES
 STAGE 1A WORK ZONE	 STAGE 3A WORK ZONE
 STAGE 1B TRAFFIC LANES	 STAGE 3B TRAFFIC LANES
 STAGE 1B WORK ZONE	 STAGE 3B WORK ZONE
 STAGE 2A TRAFFIC LANES	 STAGE 4 TRAFFIC LANES
 STAGE 2A WORK ZONE	 STAGE 4 WORK ZONE
 STAGE 2B TRAFFIC LANES	 STAGE 5 TRAFFIC LANES
 STAGE 2B WORK ZONE	 STAGE 5 WORK ZONE
 ULTIMATE DESIGN CULVERT	 TEMPORARY CULVERT FOR CONSTRUCTION DETOUR
 EXISTING CULVERT TO BE REMOVED OR ABANDONED FOR ULTIMATE DESIGN	

NOTES

- HWY 1 DETOUR DESIGN SPEED IS 80km/h
- BRADNER RD DETOUR DESIGN SPEED IS 50km/h

CONSTRUCTION STAGING:

PRE-STAGE 4:

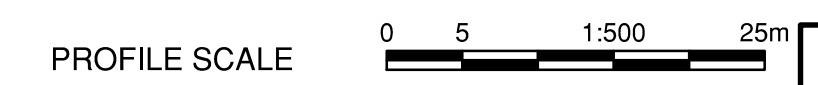
- DETOUR WB TRAFFIC TO THE FINAL CONFIGURATION.
- WIDEN THE NB BRADNER RD TO THE WEST TO ACCOMODATE A SINGLE LANE OF TRAFFIC.
- MODIFY TEMPORARY TRAFFIC SIGNALS ON THE BRADNER ROAD TO MAINTAIN A SINGLE LANE ALTERNATING TRAFFIC.

STAGE 4:

- CLOSE THE SB LANE ON BRADNER ROAD.
- DEMOLISH THE EXISTING PAVEMENT AND CONSTRUCT THE ENTIRE WEST SIDE OF THE PROPOSED BRADNER ROAD.

STAGE 5:

- DETOUR THE TRAFFIC TO THE NEWLY CONSTRUCTED SB LANE AND CLOSE THE EXISTING NB LANE ON BRADNER RD.
- DEMOLISH THE EXISTING PAVEMENT AND CONSTRUCT THE ENTIRE EAST SIDE OF THE PROPOSED BRADNER ROAD.
- REMOVE THE TEMPORARY TRAFFIC SIGNALS AND OPEN BOTH LANES OF TRAFFIC ALONG BRADNER ROAD.



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PH : 604.371.0091 FAX : 604.371.0098

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SCALE 0 20 1:2000 100m

REV	DATE	REVISIONS	NAME

BRITISH COLUMBIA

MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE

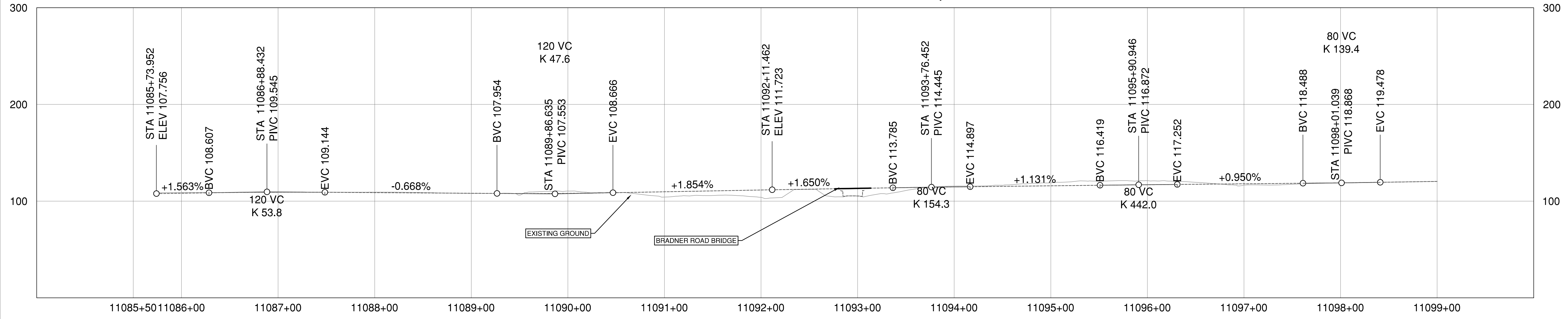
SOUTH COAST REGION

HIGHWAY DESIGN AND GEOMATICS ENGINEERING

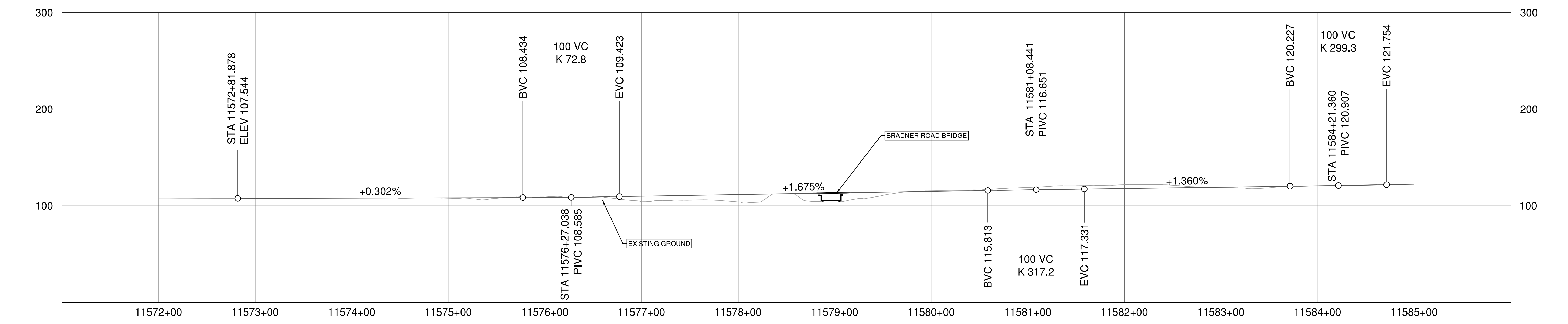
SUGGESTED CONSTRUCTION STAGING
HIGHWAY 1 AT BRADNER OVERPASS
STAGE 4 - 5

DESIGNED	A.GUERLAUG	DATE	2024-02-29
QUALITY CONTROL	AS/CC/SC	DATE	2024-02-29
QUALITY ASSURANCE	T.LETWIN	DATE	2024-02-29
DRAWN	J.CAPEWELL	DATE	2024-02-29
PROJECT NUMBER	13253-1001	REG	1
DRAWING NUMBER	R1-1105-1826	REV	

PLOT DATE: 2024/02/16 G:\Projects\33000\33000\33036_AE_Hwy1_264\Whatcom02_CADD\WAO7_Hwy1_ML\DrawingProduction\1800_Construction\Staging\Structural\Bradner Bridge\CONSTRRAF-BRAD.dwg



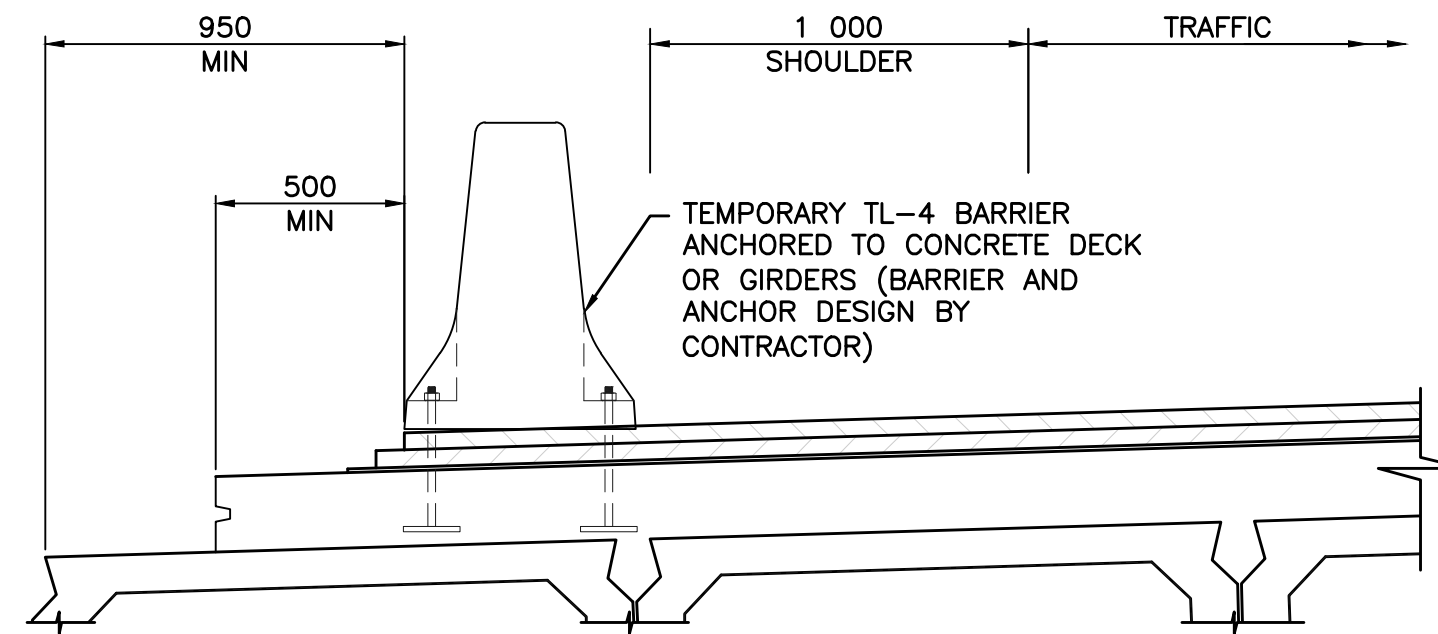
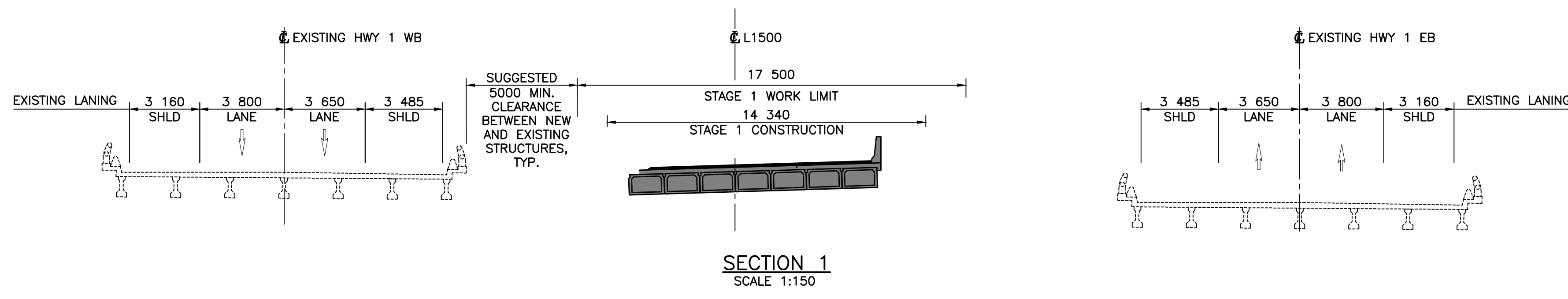
STAGE 3&4 EASTBOUND



STAGE 5&6 WESTBOUND

<p style="font-size: 8px;">SUITE 201, 8506 - 200 STREET LANGLEY, BRITISH COLUMBIA, V2Y 0M1 PH : 604.371.0091 FAX : 604.371.0098</p>	<p style="font-size: 8px;">MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION HIGHWAY DESIGN AND GEOMATICS ENGINEERING</p>	<p>SUGGESTED CONSTRUCTION STAGING HIGHWAY 1 AT BRADNER OVERPASS PROFILES</p>																																												
<p>SCALE 0 20 1:2000 100m</p>	<p>CAD FILENAME <u>CONSTRRAF-BRAD.DWG</u> FILE NUMBER <u>33036</u> PLOT DATE <u>2024-02-16</u></p>	<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <td>DESIGNED</td> <td>A.GJERLAUG</td> <td>DATE</td> <td>2024-02-29</td> </tr> <tr> <td>QUALITY CONTROL</td> <td>AS/CC/SC</td> <td>DATE</td> <td>2024-02-29</td> </tr> <tr> <td>QUALITY ASSURANCE</td> <td>T.LETWIN</td> <td>DATE</td> <td>2024-02-29</td> </tr> <tr> <td>DRAWN</td> <td>J.CAPEWELL</td> <td>DATE</td> <td>2024-02-29</td> </tr> <tr> <td>PROJECT NUMBER</td> <td>13253-1001</td> <td>REG</td> <td>1</td> </tr> <tr> <td>DRAWING NUMBER</td> <td>R1-1105-1827</td> <td>REV</td> <td></td> </tr> </table>	DESIGNED	A.GJERLAUG	DATE	2024-02-29	QUALITY CONTROL	AS/CC/SC	DATE	2024-02-29	QUALITY ASSURANCE	T.LETWIN	DATE	2024-02-29	DRAWN	J.CAPEWELL	DATE	2024-02-29	PROJECT NUMBER	13253-1001	REG	1	DRAWING NUMBER	R1-1105-1827	REV																					
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PLOT DATE: 2024/02/26 G:\Projects\33000\33000\33036_AE_Hwy1_264-Whatcom02_CADD\WA07_Hwy1_ML\DrawingProduction\1100_SubDiscipline\Structural\202_Production\HWY 1 Bradner Bridges\HWY 1 WB\1608W-127_Staging_r1.dwg



CONTRACTOR IS RESPONSIBLE FOR DESIGN OF TEMPORARY BARRIER AND ANCHORAGE, TO BE SUBMITTED FOR MINISTRY REPRESENTATIVE APPROVAL. CONCRETE AND ASPHALT SHALL BE REPAIRED AFTER TEMPORARY BARRIER REMOVAL TO THE SATISFACTION OF MINISTRY REPRESENTATIVE.

NOTES:

SUGGESTED CONSTRUCTION STAGING DRAWING DOES NOT PRESCRIBE CONSTRUCTION STAGING REQUIREMENTS. THIS DRAWING IS AN ASSUMED SET OF STAGING ANTICIPATED TO BE UNDERTAKEN FOR BRIDGE AND WALL CONSTRUCTIONS IN ORDER TO ACCOMMODATE HIGHWAY 1 AND BRADNER ROAD TRAFFIC DETOUR REQUIREMENTS. REFER TO SUGGESTED CONSTRUCTION STAGING DRAWINGS, R1-1105-1820 TO R1-1105-1827. CONTRACTOR IS RESPONSIBLE FOR DEVELOPMENT OF CONSTRUCTION STAGING.

STAGE 1

1. MAINTAIN TRAFFIC ON EXISTING EASTBOUND (EB) AND WESTBOUND (WB) BRIDGES.
2. CONSTRUCT SOUTH PORTION (STAGE 1) OF NEW WB BRIDGE, WALLS AND APPROACHES.

STAGE 2

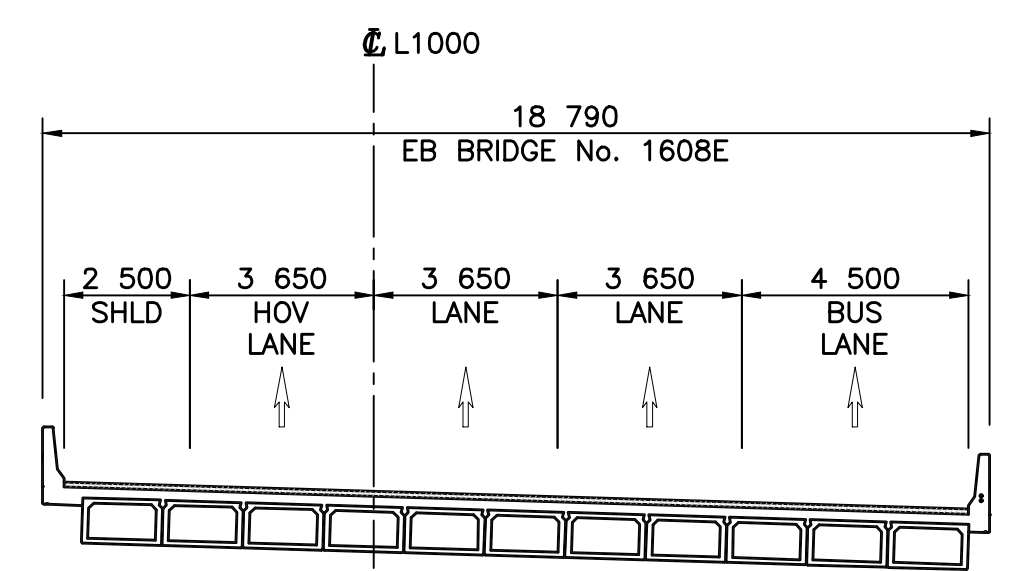
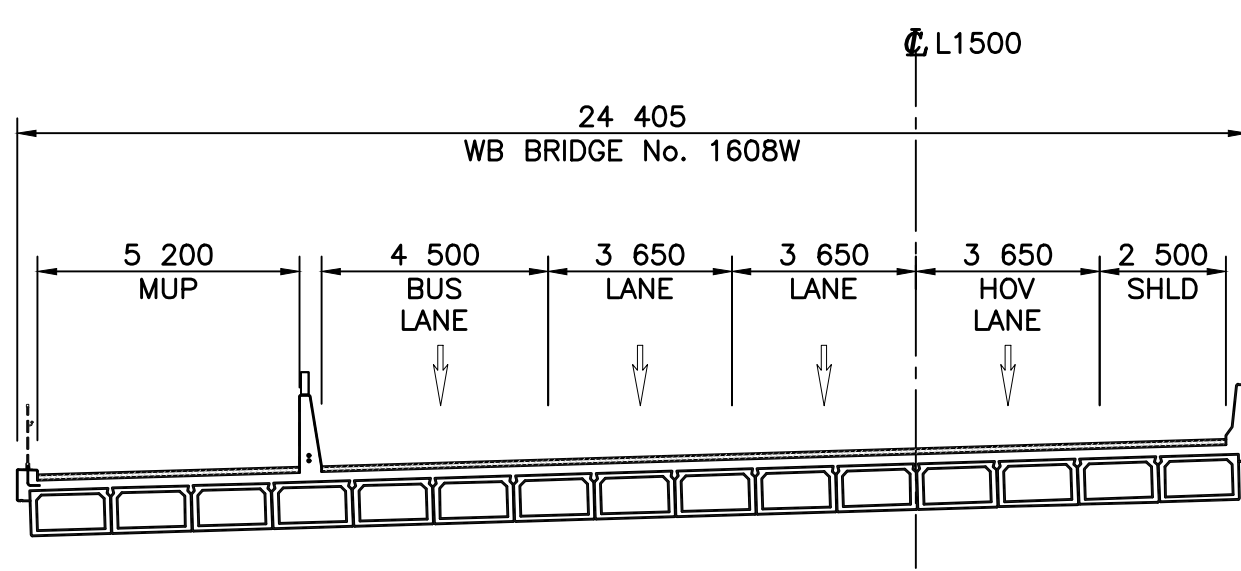
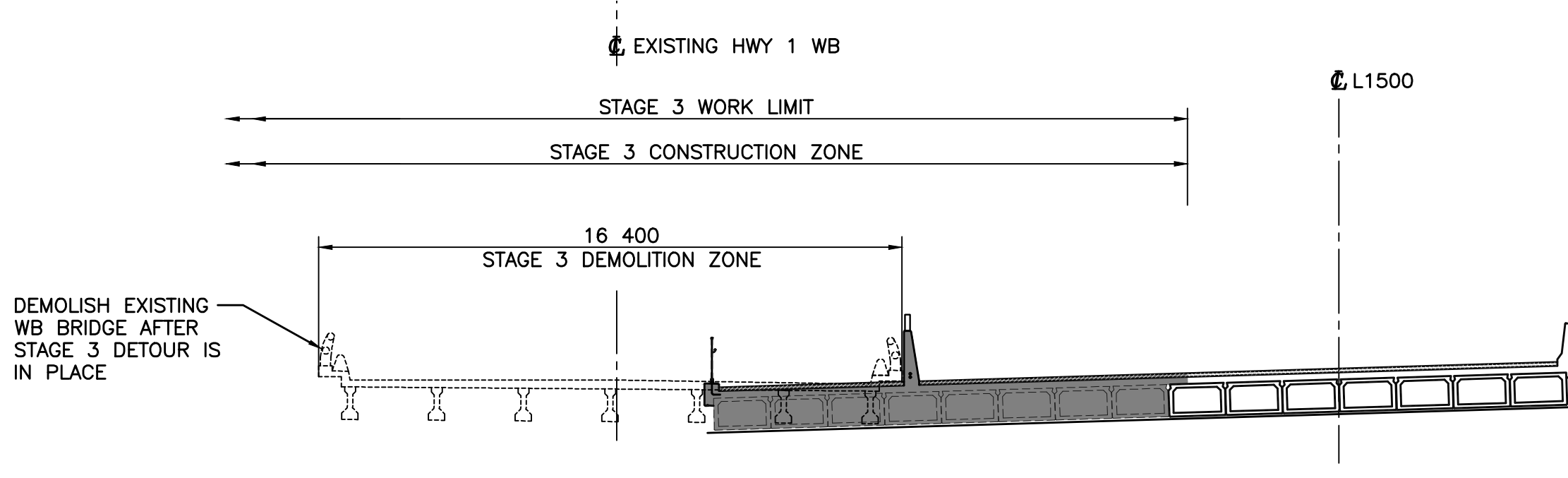
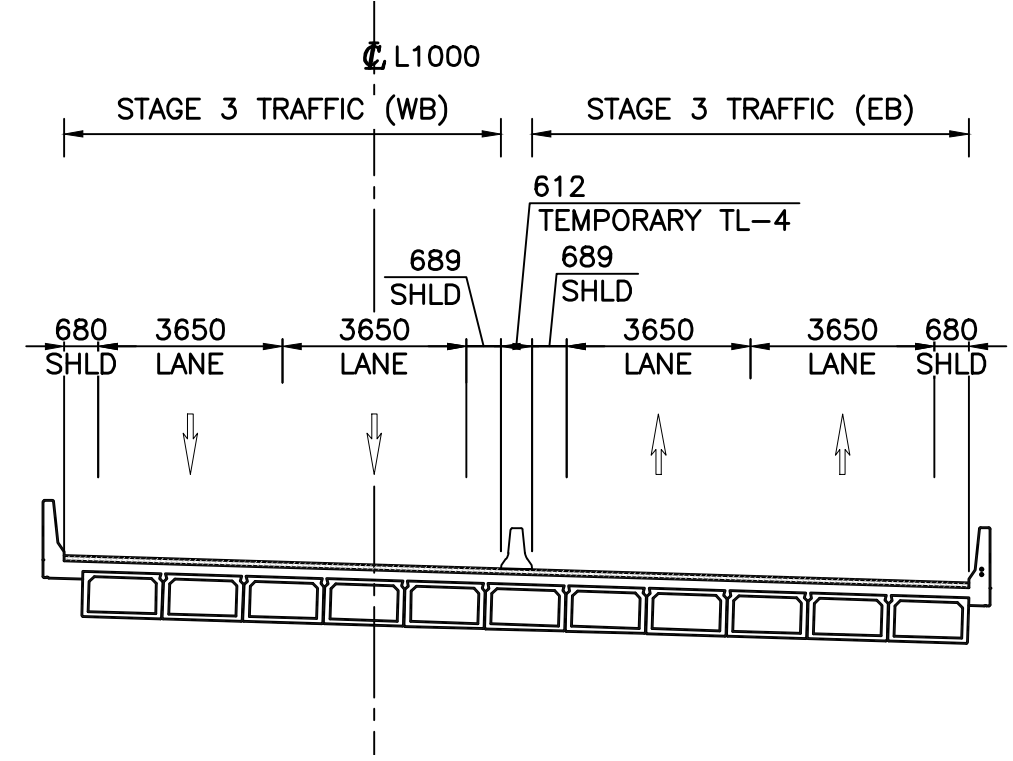
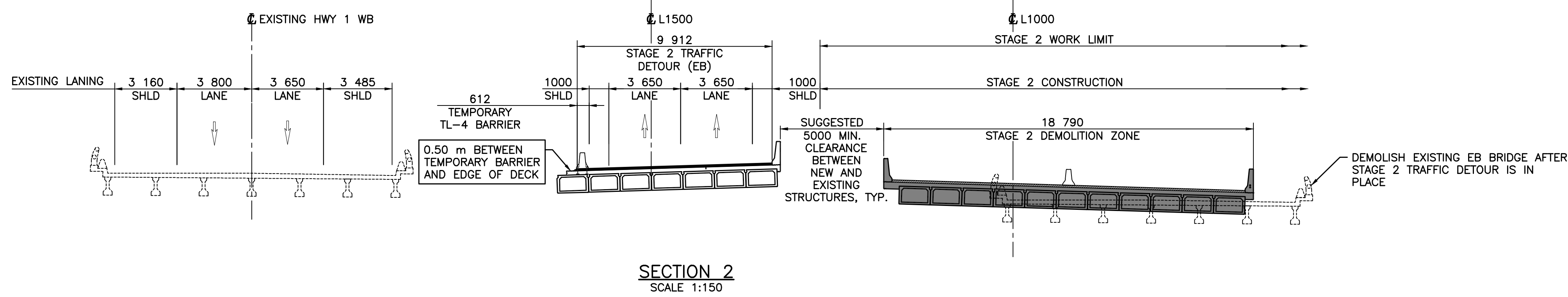
3. AFTER STAGE 1 OF NEW WB BRIDGE IS OPERATIONAL, SHIFT EB DETOUR TRAFFIC TO WB BRIDGE STAGE 1 AND INSTALL NEW TEMPORARY TL-4 BARRIERS AS SHOWN.
4. DEMOLISH THE EXISTING EB BRIDGE.
5. CONSTRUCT STAGE 2 NEW EB BRIDGE, WALLS AND APPROACHES.

STAGE 3

6. AFTER NEW EB BRIDGE IS FULLY OPERATIONAL, SHIFT EB AND WB DETOUR TRAFFIC TO NEW EB BRIDGE AND INSTALL NEW TEMPORARY TL-4 CMBS AS SHOWN.
7. DEMOLISH THE EXISTING WB BRIDGE AND CONSTRUCT REMAINING NORTH PORTION (STAGE 3) OF NEW WB BRIDGE, WALLS AND APPROACHES.

LEGEND

- NEW STRUCTURE CONSTRUCTED DURING CORRESPONDING STAGE
- NEW STRUCTURE CONSTRUCTED DURING PREVIOUS STAGE
- EXISTING STRUCTURE



FINAL CONFIGURATION
SCALE 1:150

ISL SUITE 201, 8506 - 200 STREET
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SOUTH COAST REGION
HIGHWAY DESIGN AND GEOMATICS ENGINEERING

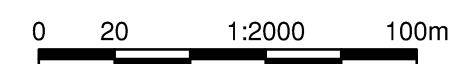
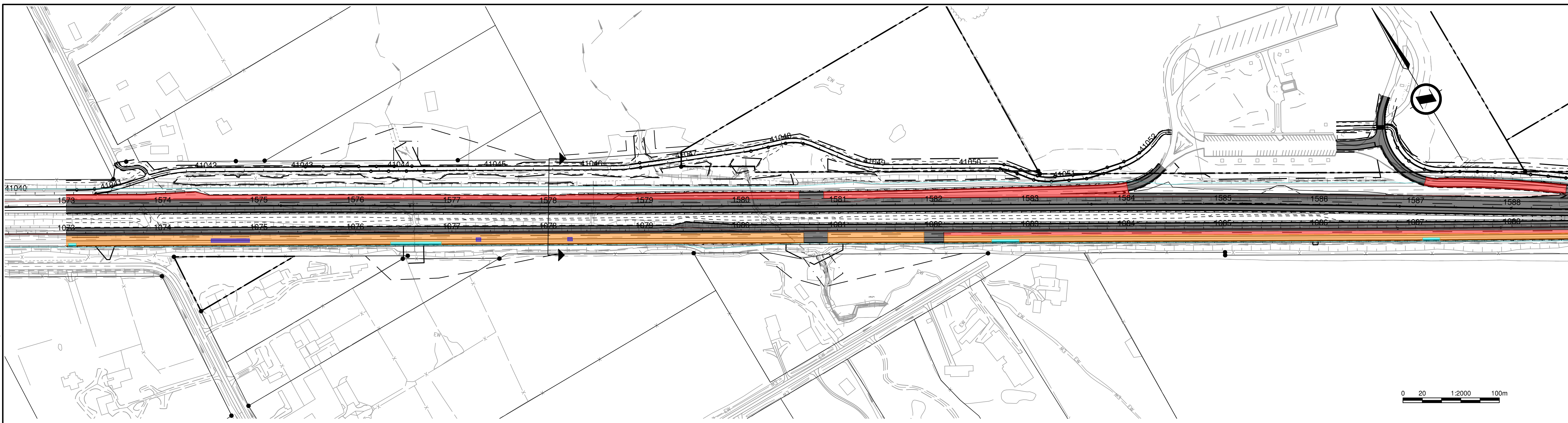
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FILE NUMBER: 33036
PLOT DATE: 2024-02-26

SUGGESTED CONSTRUCTION STAGING
HIGHWAY 1 AT BRADNER OVERPASS
BRIDGE CROSS SECTIONS

REV	DATE	REVISIONS	NAME

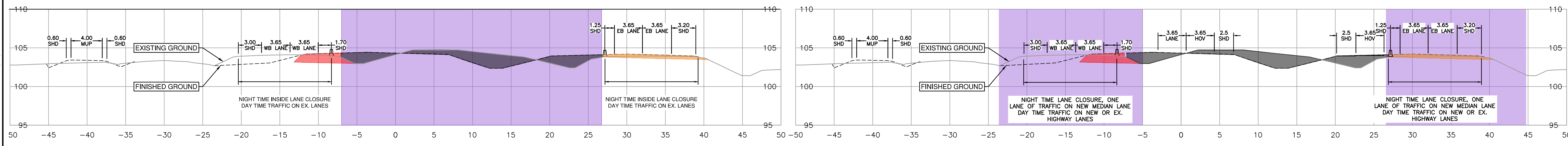
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QUALITY CONTROL	AS/CC/SC	DATE	2024-02-26
QUALITY ASSURANCE	B.ROBAZZA	DATE	2024-02-26
DRAWN	J.CAPEWELL	DATE	2024-02-26
PROJECT NUMBER	13253-1001	REG	1
DRAWING NUMBER	R1-1105-1828	REV	

PLOT DATE: 2024/02/16 G:\Projects\33000\33000\33006_AE_Hwy1_264\Whatcom02_CADD\WA07_Hwy1_ML\DrawingProduction\1800_Construction\Staging\Mainline\CONSTRTRAFF_ML_ST1_SURFACING.dwg



STAGE 1A & 1B

STAGE 2 & 3



0 2 1:250 12m

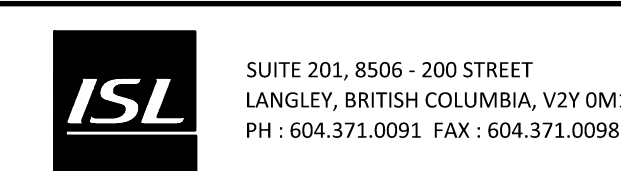
STAGE 4

LEGEND

- AREA OF NEW FULL DEPTH PAVEMENT REFER TO FULL DEPTH PAVEMENT STRUCTURE TABLE
- AREA OF PARTIAL DEPTH PAVEMENT STRUCTURE. REMOVE EX ASPHALT, EXCAVATE TO SUIT, MIN 300mm WGB, ASPHALT PER FULL DEPTH PAVEMENT STRUCTURE TABLE
- AREA OF PAVEMENT PATCHING OF EXISTING ASPHALT. REMOVE EX. ASPHALT, INSPECT BASE AND REPLACE AS REQUIRED. INSTALL NEW ASPHALT TO MATCH EXISTING ASPHALT THICKNESS (MIN 150mm)
- AREA OF 50mm MILL AND 50mm ASPHALT INLAY, 0 TO 200mm ASPHALT LEVELING COURSE AND 100mm ASPHALT OVERLAY
- AREA OF 0 TO 50mm VARIABLE DEPTH MILL TO SUIT FINISHED GRADE AND 100mm ASPHALT OVERLAY
- ACTIVE WORK ZONE

NOTES

- HWY 1 DESIGN SPEED 80km/h DURING ACTIVE WORK ON THE ROADWAY
- EXISTING LANE AND SHOULDER WIDTHS ARE APPROXIMATE BASED ON SURVEY
- BRADNER RD OVERPASS TO BE CONSTRUCTED IN CONJUNCTION WITH MAINLINE WIDENING
- FULL DEPTH PAVEMENT STRUCTURE TABLE LOCATED IN R1-1105-151_PVMT_STRUCT_PLAN
- STAGE 1A**
- WIDEN TO THE MEDIAN AND INSTALL PAVEMENT STRUCTURE TO TOP OF SGSB.
- MONITOR FOR A 6 MONTH PERIOD FOR SETTLEMENT
- STAGE 1B**
- FOR MEDIAN WIDENING, INSTALL PAVEMENT STRUCTURE MINUS TOP LIFT ASPHALT.
- NIGHT TIME FAST LANE CLOSURE
- DAYTIME TRAFFIC ON EXISTING HIGHWAY LANES
- STAGE 2**
- MILL AND INFILL EXISTING HIGHWAY LANES
- AREAS OF PARTIAL DEPTH AND PAVEMENT PATCHING TO BE COMPLETED AS REQUIRED
- NIGHT TIME LANE CLOSURE WITH ONE LANE TRAFFIC ON NEW MEDIAN LANES
- DAYTIME TRAFFIC ON EXISTING HIGHWAY LANES
- STAGE 3**
- LEVELING COURSE AND BOTTOM LIFT ASPHALT ON EXISTING HIGHWAY
- NIGHT TIME LANE CLOSURE WITH ONE LANE TRAFFIC ON NEW MEDIAN LANES
- DAY TIME TRAFFIC ON NEW MEDIAN LANES, AND EXISTING OR NEW GP SLOW LANES
- STAGE 4**
- TOP LIFT ASPHALT
- NIGHT TIME LANE CLOSURE



SCALE: AS SHOWN

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FILE NUMBER: 33036
PLOT DATE: 2024-02-16

REV	DATE	REVISIONS	NAME

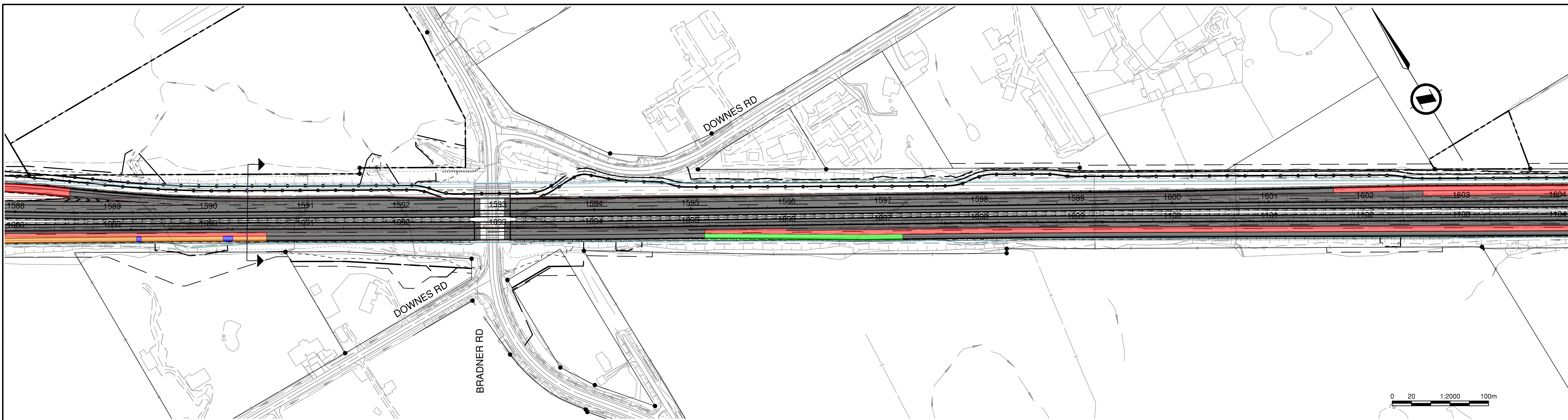
SUGGESTED CONSTRUCTION STAGING

SURFACING

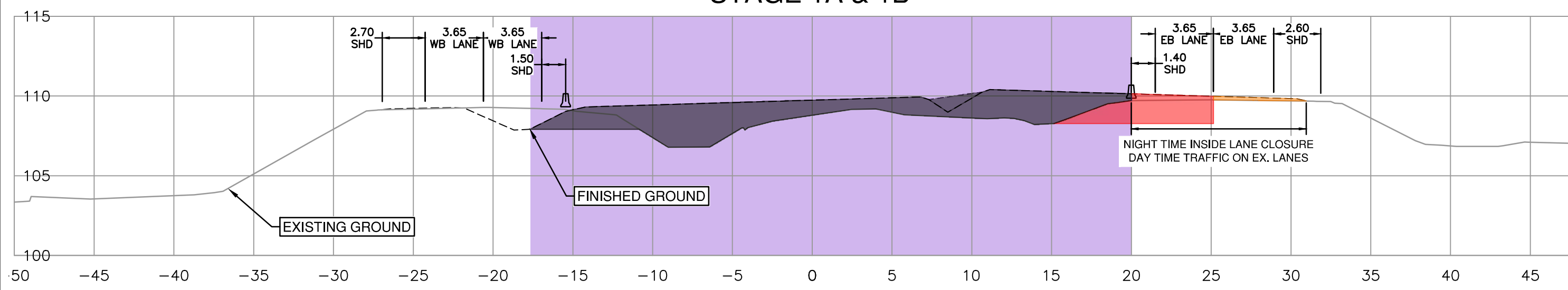
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QUALITY CONTROL	AS/CC/SC	DATE	2024-02-29
QUALITY ASSURANCE	G.NGIENG	DATE	2024-02-29
DRAWN	J.CAPEWELL	DATE	2024-02-29
PROJECT NUMBER	13253-1001	REG	1
DRAWING NUMBER	R1-1105-1830	REV	

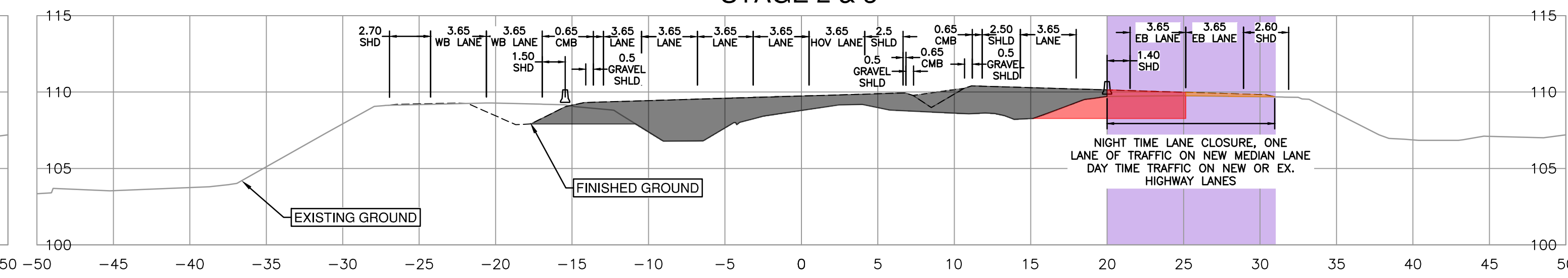
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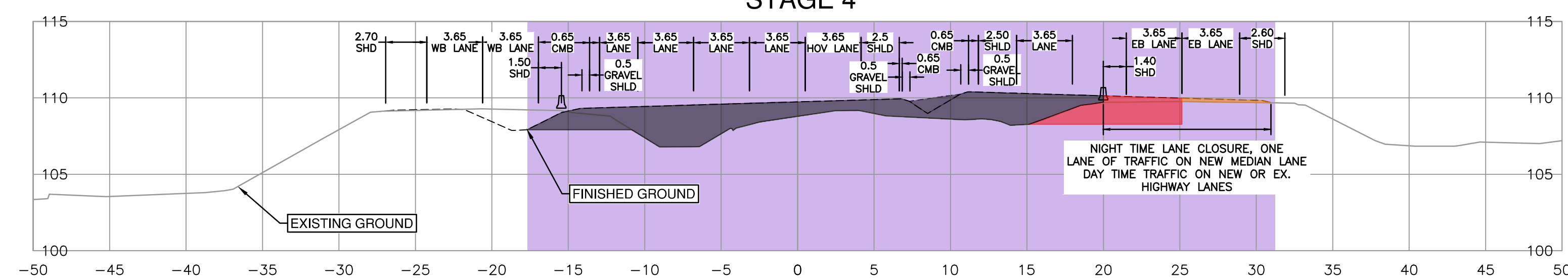
STAGE 1A & 1B



STAGE 2 & 3



STAGE 4



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 - WIDEN TO THE MEDIAN AND INSTALL PAVEMENT STRUCTURE TO TOP OF SGSB.
 - MONITOR FOR A 6 MONTH PERIOD FOR SETTLEMENT
 - STAGE 1B
 - FOR MEDIAN WIDENING, INSTALL PAVEMENT STRUCTURE MINUS TOP LIFT ASPHALT.
 - NIGHT TIME FAST LANE CLOSURE
 - DAYTIME TRAFFIC ON EXISTING HIGHWAY LANES
 - STAGE 2
 - MILL AND INFILL EXISTING HIGHWAY LANES
 - AREAS OF PARTIAL DEPTH AND PAVEMENT PATCHING TO BE COMPLETED AS REQUIRED
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 - DAY TIME TRAFFIC ON NEW MEDIAN LANES, AND EXISTING OR NEW GP SLOW LANES
 - STAGE 4
 - TOP LIFT ASPHALT
 - NIGHT TIME LANE CLOSURE

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SOUTH COAST REGION
HIGHWAY DESIGN AND GEOMATICS ENGINEERING

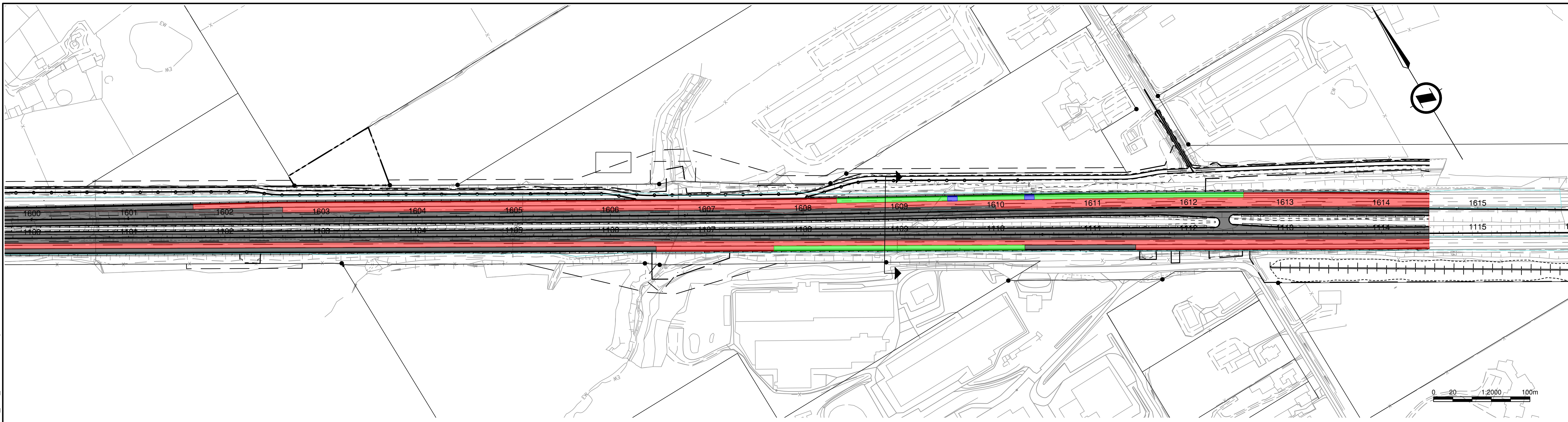
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PLOT DATE: 2024-02-16

SUGGESTED CONSTRUCTION STAGING
SURFACING
STA 1088+00 TO STA 1104+00

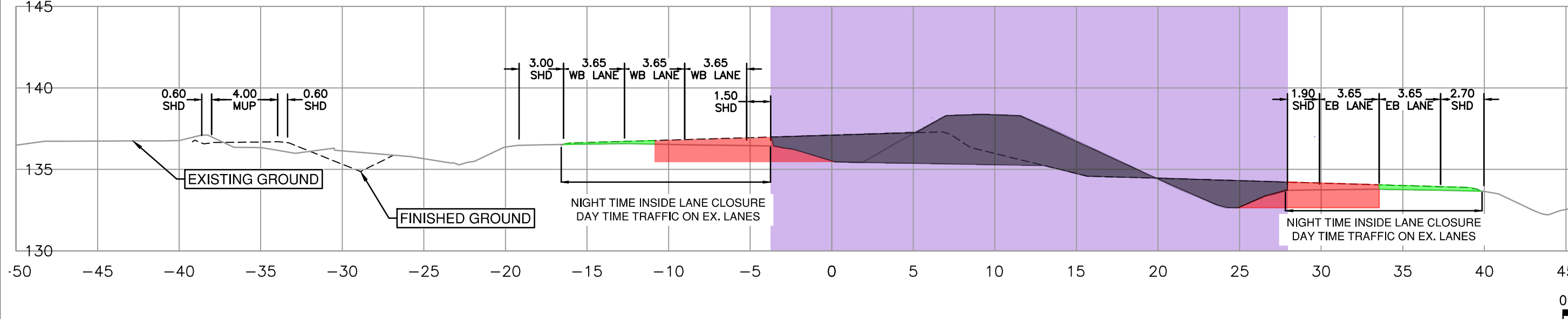
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DESIGNED	A.GJERLAUG	DATE	2024-02-29
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QUALITY ASSURANCE	G.NGIENG	DATE	2024-02-29
DRAWN	J.CAPEWELL	DATE	2024-02-29
PROJECT NUMBER	13253-1001	REG	1
DRAWING NUMBER	R1-1105-1831	REV	

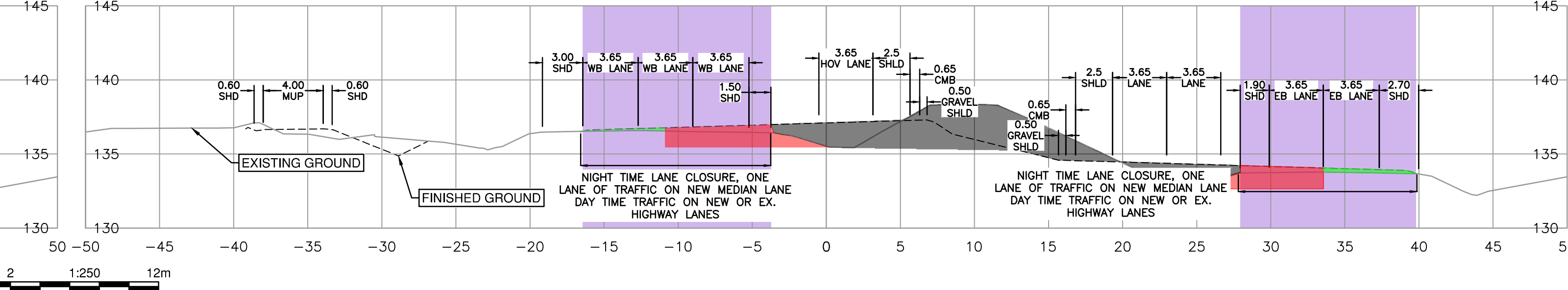
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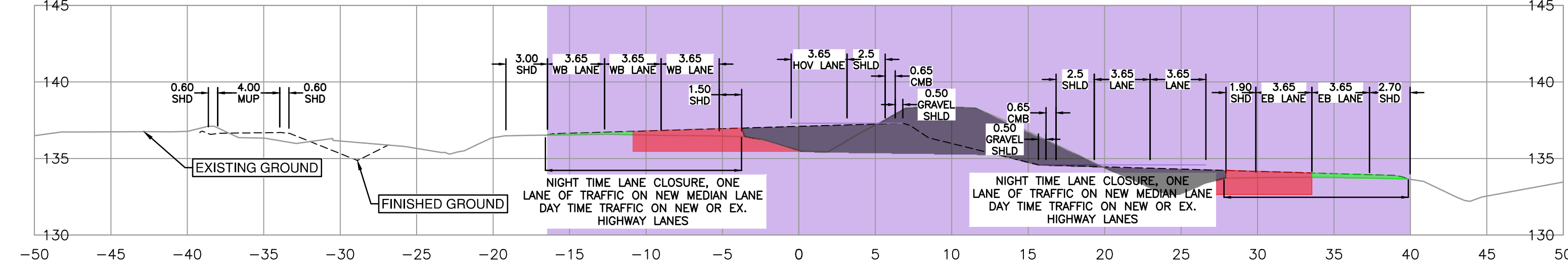
STAGE 1A & 1B



STAGE 2 & 3



STAGE 4



LEGEND

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 - NIGHT TIME LANE CLOSURE

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SOUTH COAST REGION
HIGHWAY DESIGN AND GEOMATICS ENGINEERING

SCALE: AS SHOWN

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REV	DATE	REVISIONS	NAME

SUGGESTED CONSTRUCTION STAGING
SURFACING
STA 1104+00 TO STA 1114+50

DESIGNED	A.GJERLAUG	DATE	2024-02-29
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DRAWN	J.CAPEWELL	DATE	2024-02-29
PROJECT NUMBER	13253-1001	REG	1
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