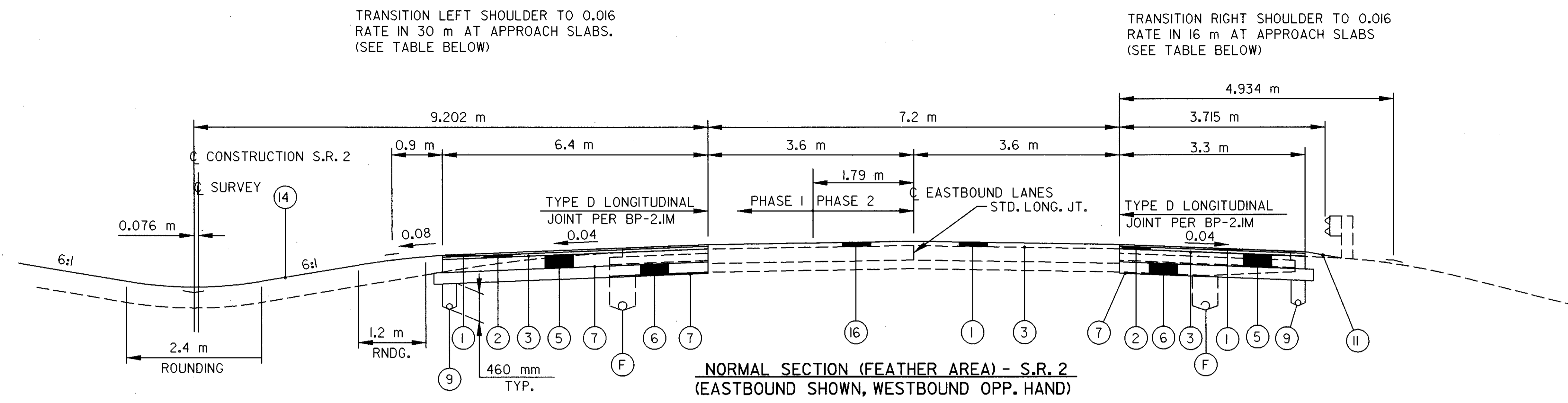


CROSS REFERENCES	
SHEET NO.	DESCRIPTION
4	PAVEMENT TRANSITION DETAILS
BP-2.1M	LONGITUDINAL PAVEMENT JOINTS

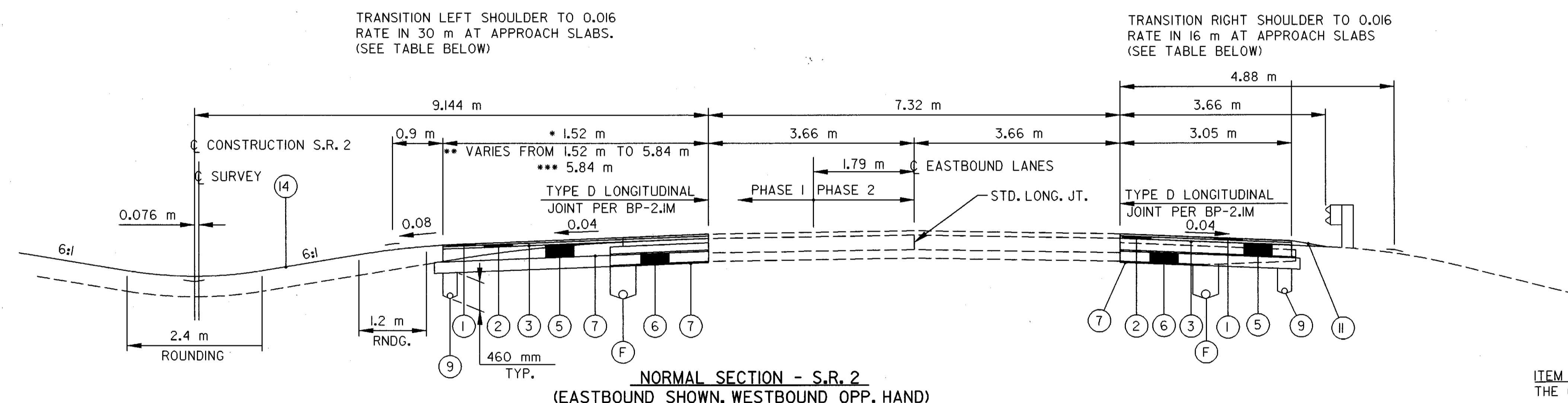
CALCULATED  
CHECKED

**PROPOSED LEGEND**

- ① ITEM 404 - 32 mm ASPHALT CONCRETE, AC-20
- ② ITEM 402 - 44 mm ASPHALT CONCRETE, AC-20
- ③ ITEM 407 - TACK COAT (SEE GENERAL NOTE)
- ④ ITEM 451 - 260 mm REINFORCED CONCRETE PAVEMENT
- ⑤ ITEM 305 - 230 mm CONCRETE BASE, AS PER PLAN
- ⑥ ITEM 304 - 150 mm AGGREGATE BASE, AS PER PLAN
- ⑦ ITEM 203 - SUBGRADE COMPACTION
- ⑧ ITEM 402 - 44 mm TO 98 mm ASPHALT CONCRETE, AC-20
- ⑨ ITEM 605 - 150 mm SHALLOW PIPE UNDERDRAIN W/ FABRIC WRAP TYPE F, 707.41
- ⑩ ITEM 606 - GUARDRAIL, TYPE 5
- ⑪ ITEM 203 - LINEAR GRADING
- ⑫ ITEM 402 - 75 mm ASPHALT CONCRETE, AC-20 (UNDER GUARDRAIL), AS PER PLAN
- ⑬ ITEM 611 - REINFORCED CONCRETE APPROACH SLAB (T = 305 mm)
- ⑭ ITEM 659 - SEEDING AND MULCHING
- ⑮ ITEM 609 - CURB, TYPE 4-A
- ⑯ ITEM 254 - VARIABLE THICKNESS PAVEMENT PLANING, BITUMINOUS



SECTION APPLIES:  
 STA. 9+960.000 TO STA. 9+971.350 = 11.35 m  
 STA. 10+028.650 TO STA. 10+040.000 = 11.35 m  
 TOTAL LENGTH = 22.70 m



MEDIAN SHOULDER SECTION APPLIES :

- \* EASTBOUND STA. 9+376.000 TO STA. 9+467.096 = 91.096 m
- \*\* EASTBOUND STA. 9+467.096 TO STA. 9+726.000 = 258.904 m
- \*\*\* EASTBOUND STA. 9+726.000 TO STA. 9+960.000 = 234.000 m
- \*\*\* EASTBOUND STA. 10+040.000 TO STA. 10+043.000 = 3.000 m
- \*\* EASTBOUND STA. 10+043.000 TO STA. 10+296.726 = 253.726 m
- \* EASTBOUND STA. 10+296.726 TO STA. 10+386.000 = 89.274 m
- EASTBOUND TOTAL LENGTH = 930.000 m

- \* WESTBOUND STA. 9+614.000 TO STA. 9+703.274 = 89.274 m
- \*\* WESTBOUND STA. 9+703.274 TO STA. 9+957.000 = 253.726 m
- \*\*\* WESTBOUND STA. 9+957.000 TO STA. 9+960.000 = 3.000 m
- \*\*\* EASTBOUND STA. 10+040.000 TO STA. 10+274.000 = 234.000 m
- \*\* WESTBOUND STA. 10+274.000 TO STA. 10+532.904 = 258.904 m
- \* WESTBOUND STA. 10+532.904 TO STA. 10+624.000 = 91.096 m
- EASTBOUND TOTAL LENGTH = 930.000 m

OUTSIDE SHOULDER SECTION APPLIES :

- EASTBOUND STA. 9+647.000 TO STA. 10+204.000 = 557.000 m
- DEDUCT FOR EXISTING EASTBOUND STRUCTURE STA. 9+989.103 TO STA. 10+010.897 = -21.794 m
- WESTBOUND STA. 9+796.000 TO STA. 10+353.000 = 557.000 m
- DEDUCT FOR EXISTING WESTBOUND STRUCTURE STA. 9+989.103 TO STA. 10+010.897 = -21.794 m
- TOTAL LENGTH = 1070.412 m

MEDIAN SHOULDER CROSS SLOPE	
STATION	RATE
9+953.35	0.0400
9+960	0.0347
9+970	0.0267
9+980	0.0187
9+983.35	0.0160
10+016.65	0.0160
10+020	0.0187
10+030	0.0267
10+040	0.0347
10+046.65	0.0400

OUTSIDE SHOULDER CROSS SLOPE	
STATION	RATE
9+967.35	0.0400
9+970	0.0360
9+975	0.0285
9+980	0.0210
9+983.35	0.0160
10+016.65	0.0160
10+020	0.0210
10+025	0.0285
10+030	0.0360
10+032.65	0.0400

ITEM 304 AGGREGATE BASE, AS PER PLAN

THE ONLY SLAG MATERIALS PERMITTED FOR THIS ITEM SHALL BE CRUSHED AIR-COOLED BLAST FURNACE SLAG, A MIXTURE OF CRUSHED AND GRANULATED SLAGS OR OPEN HEARTH SLAG FROM APPROVED SOURCES ON FILE AT THE LABORATORY.

ALL MATERIALS OR BLENDED MATERIALS SHALL MEET THE GRADATION REQUIREMENTS OF 304.02.

ANY GRANULATED SLAG MATERIAL USED SHALL MEET THESE GRADATION REQUIREMENTS IN LIEU OF 703.08.

**EXISTING LEGEND**

- (A) 75 mm \* ASPHALT OVERLAY
- (B) 76 mm BITUMINOUS MACADAM BASE COURSE
- (C) 127 mm STABILIZED CRUSHED AGGREGATE
- (D) 254 mm REINFORCED CONCRETE PAVEMENT
- (E) SUBBASE (VARIABLE THICKNESS)
- (F) 152 mm PIPE UNDERDRAIN
- (G) GUARDRAIL

TYPICAL SECTION

LAK-2-12.231

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