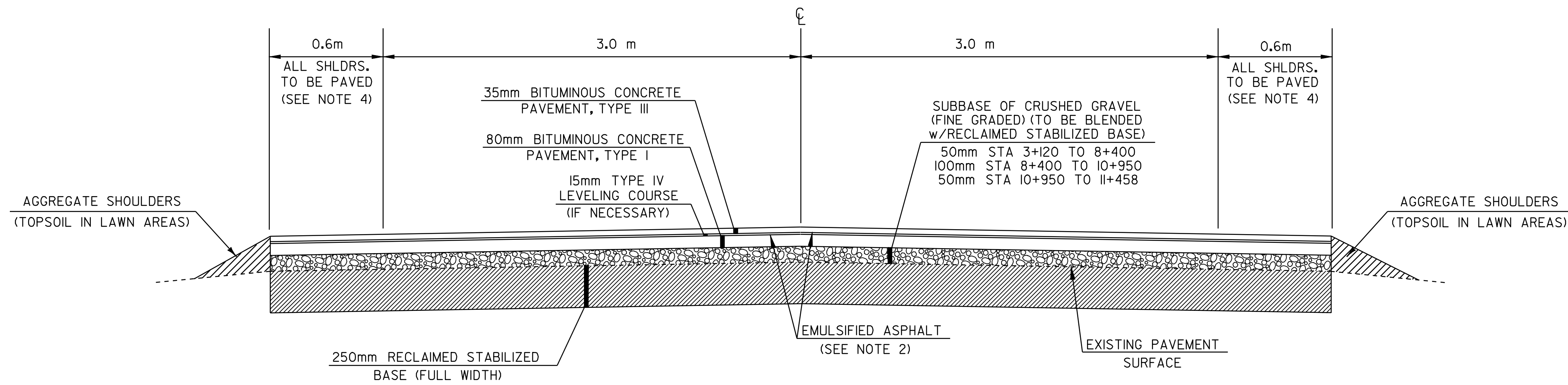
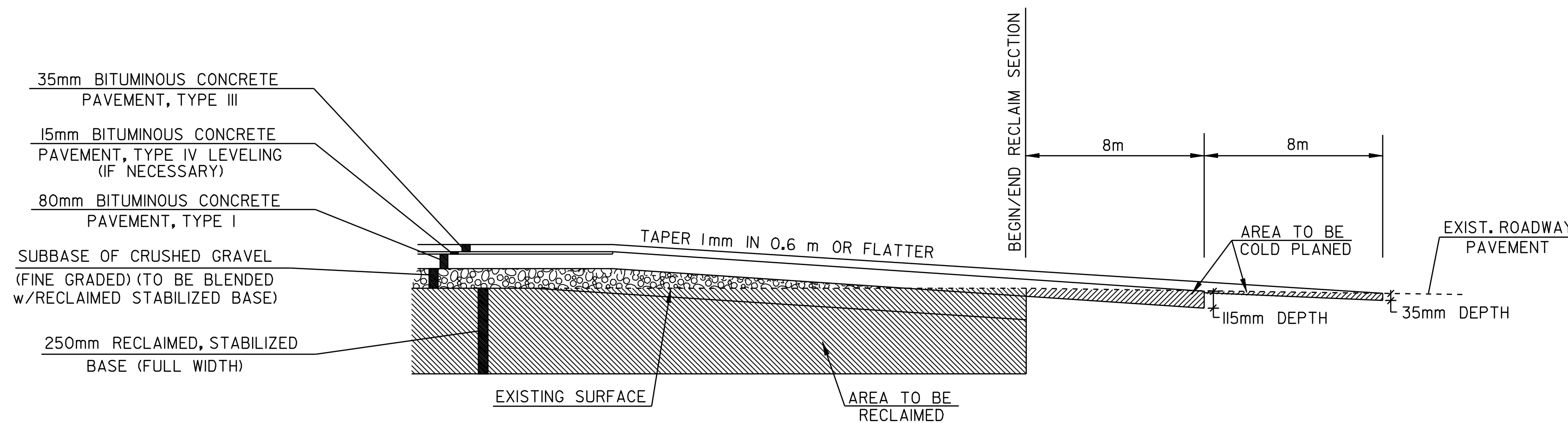


NOTES

- THE PAVEMENT WEARING COURSE SHALL BE TYPE III.
THE LEVELING COURSE SHALL BE TYPE IV UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. LEVELING HAS BEEN INCLUDED FOR THE RECLAIMED SEGMENTS OF THE PROJECT TO ELIMINATE ANY IRREGULARITIES PRIOR TO PLACEMENT OF THE WEARING COURSE. A 15mm LIFT HAS BEEN INCLUDED FOR AN ESTIMATED 25% OF THE RECLAIMED SURFACE AREA.
ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
- EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES (NOT INCLUDING RECLAIMING SURFACE), BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT THE RATE OF 0.12 L/SM OR AS DIRECTED BY THE RESIDENT ENGINEER.
- BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 5 mm (TOTAL THICKNESS EXCLUDING LEVELING).
- PRIOR TO RECLAIMING, ANY EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER WILL BE EXCAVATED TO A DEPTH OF 150 mm +/- OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL WILL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS SUCH AS ALL PURPOSE EXCAVATOR RENTAL, GRADER RENTAL, LOADER RENTAL, TRUCK RENTAL, AND POWER BROOM RENTAL. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED).
- ONE METER OF BACKING IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 1.6m POSTS. IF THIS CANNOT BE OBTAINED THEN 2.1m POSTS SHALL BE USED.
- COLD PLANING TO BE COMPLETED ACCORDING TO THE TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT ALL SIDE ROAD APPROACHES AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
- ITEM 604.412 IS AN ESTIMATED QUANTITY AND SHALL BE PERFORMED AT LOCATIONS INDICATED ON THE LAYOUT SHEETS AND AS DIRECTED BY THE RESIDENT ENGINEER. ALL D.I.'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
- PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGH THE PROJECT, SHALL BE PERFORMED AT LOCATIONS AS DIRECTED ON THE DITCH CLEANING DETAIL SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).
- ALL DRIVES SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS DIRECTED AND WILL BE PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.28, SUBBASE OF CRUSHED GRAVEL (FINE GRADED). A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 406.25. ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
- ESTIMATED QUANTITIES OF ITEM 608.25, EXCAVATOR RENTAL AND 608.37, TRUCK RENTAL HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARD RAIL END SECTIONS WITH EXCAVATED DITCHING MATERIAL. THE GUARD RAIL END SECTIONS SHALL BE CAPPED WITH AN ESTIMATED 75mm DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARD RAIL TERMINAL.
- ITEM 616.47, BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS WILL BE PAID ONLY WHERE SPECIFIED IN THE PLANS, OR AT LOCATIONS DIRECTED BY THE RESIDENT ENGINEER. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVE AND SIDEROAD APPROACHES AND AROUND DRAINAGE/UTILITY STRUCTURES), SHALL BE PAID UNDER THE CONTRACT UNIT PRICE FOR ITEM 406.25, BITUMINOUS CONCRETE PAVEMENT.
- ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH ITEM 402.12, AGGREGATE SHOULDERS, AS DIRECTED BY THE RESIDENT ENGINEER.
- COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, ITEM 402.12, AGGREGATE SHOULDER MATERIAL, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT PRICE OF EACH ITEM.
- STABILIZING AGENT FOR THE RECLAIMED STABILIZED BASE WILL BE WATER. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO ITEM 310.20.
- ESTIMATED QUANTITIES OF CULVERT HAVE BEEN INCLUDED FOR THE PROVISION OF REPLACING AND/OR EXTENDING EXISTING CULVERTS, AS NECESSARY, OR AS DIRECTED BY THE RESIDENT ENGINEER.



RECLAIMED STABILIZED BASE TYPICAL SECTION
LUNENBURG
STA 3+120 TO 11+458



- APPROACH AREA DETAIL -
LUNENBURG
STA 3+120 (BEGIN PROJECT)
STA 11+458 (END PROJECT)

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING Tons	NOTES
LUNENBURG - TH #1	3+120	8+400	0.6m-3.0m-3.0m-0.6m	35 mm	1370	RECLAIM 250mm, 100mm SUBBASE, LEVEL & PAVE w/80mm TYPE I, & 35mm TYPE III.
	8+400	10+950	0.6m-3.0m-3.0m-0.6m	35 mm	670	RECLAIM 250mm, 200mm SUBBASE, LEVEL & PAVE w/80mm TYPE I, & 35mm TYPE III.
	10+950	11+458	0.6m-3.0m-3.0m-0.6m	35 mm	130	RECLAIM 250mm, 100mm SUBBASE, LEVEL & PAVE w/80mm TYPE I, & 35mm TYPE III.



PROJECT TYPICAL SHEET #1	DESIGNED BY <u>BCE/PJM</u> DATE <u>12-01</u>
	DRAWN BY <u>C.E.A., INC.</u> DATE <u>12-01</u>
	DESIGN FILE NO. <u>pave/01cl50/pcl50.dgn</u>
	PRF FILE <u>pcl50+yl.i</u> DATE <u>10-AUG-2007</u>
	PLOTTED <u>10-AUG-2007</u>
PROJ. NAME LUNENBURG	
PROJ. NO. STP 2301(7)S	
SHEET 2 OF 20 SHEETS	