

NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IV.

THE LEVELING COURSE SHALL BE TYPE IV UNLESS OTHERWISE SHOWN IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER. LEVELING HAS BEEN INCLUDED TO RESHAPE THE ROADWAY PRIOR TO PAVING THE TOP COURSE. AN ESTIMATED THICKNESS OF 3/4in. OF ITEM 406.27 HAS BEEN INCLUDED TO COVER THIS PROVISION.

ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.

2. EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.

3. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4in (TOTAL THICKNESS EXCLUDING LEVELING).

4. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER WILL BE EXCAVATED TO A DEPTH OF 3 in +/- OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL WILL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE RESIDENT 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 RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL, FINE GRADED.

5. THREE FEET OF BACKING IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 6 ft POSTS. IF THIS CANNOT BE OBTAINED THEN 8ft POSTS SHALL BE USED.

6. 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 THE PROJECT BEGINNING/END AND AT ALL SIDE ROAD APPROACHES AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

7. 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.

8. 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 406.27. ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.

9. AN ESTIMATED QUANTITY OF EARTH BORROW HAS BEEN INCLUDED FOR THE PROVISIONS OF CONSTRUCTING GUARD RAIL END SECTIONS WHICH SHALL BE CAPPED WITH AN ESTIMATED 3' DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 25 CUBIC YARDS OF EARTH BORROW AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARD RAIL TERMINAL.

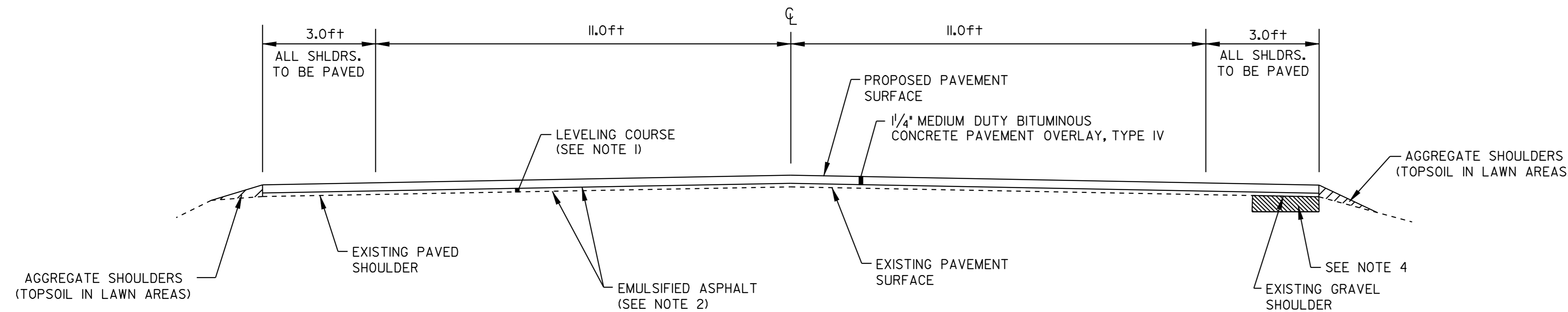
10. BITUMINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVE AND SIDEROAD APPROACHES AND AROUND DRAINAGE/UTILITY STRUCTURES), SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 406.27, MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-34).

11. ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS.

12. COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, ITEM 402.12, AGGREGATE SHOULDERS, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT PRICE OF EACH ITEM.

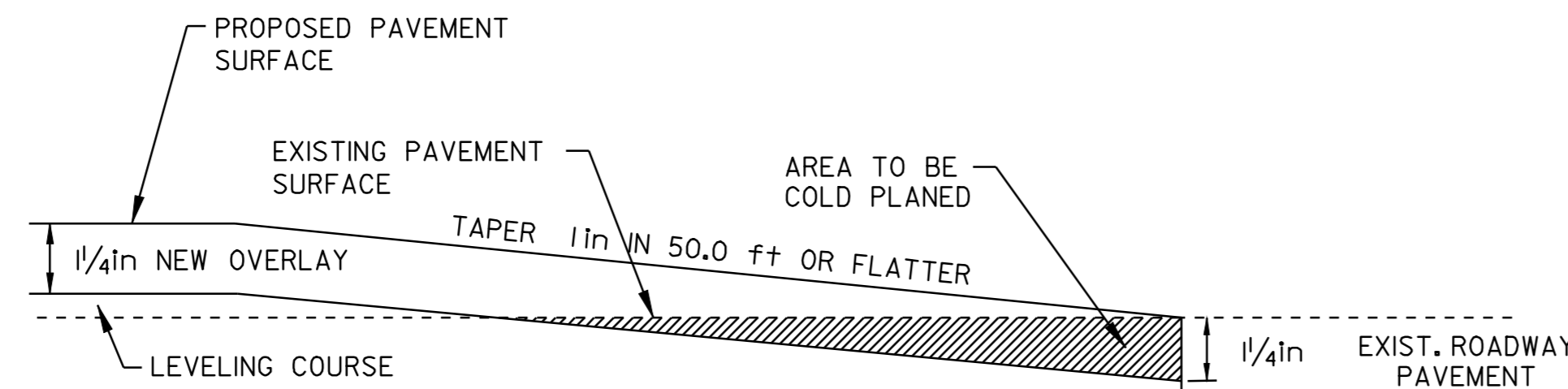
13. YIELDING MARKER POSTS ARE TO BE USED TO REPLACE NON-YIELD MARKER POSTS AT PIPE INLETS AND OUTLETS ONLY, AS DIRECTED BY THE RESIDENT ENGINEER.

14. STEEL BEAM GUARD RAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.



OVERLAY TYPICAL SECTION

GREENSBORO
STA 226+93 TO 254+67
WHEELLOCK
STA 0+00 TO 66+60
GREENSBORO
STA 254+67 TO 305+72
GLOVER
STA 0+00 TO 148+63



-APPROACH AREA DETAIL-

GREENSBORO
STA 226+93 TO 227+56 (BEGIN PROJECT)
GLOVER
STA 148+00 TO 148+63 (END PROJECT)

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING Tons	NOTES
GREENSBORO - VT ROUTE 16	226+93	254+67	3.0ft-11.0ft-11.0ft-3.0ft	1/4in	360	LEVEL & PAVE W/1/4" TYPE IV
WHEELLOCK - VT ROUTE 16	0+00	66+60	3.0ft-11.0ft-11.0ft-3.0ft	1/4in	870	LEVEL & PAVE W/1/4" TYPE IV
GREENSBORO - VT ROUTE 16	254+67	305+72	3.0ft-11.0ft-11.0ft-3.0ft	1/4in	670	LEVEL & PAVE W/1/4" TYPE IV
GLOVER - VT ROUTE 16	0+00	148+63	3.0ft-11.0ft-11.0ft-3.0ft	1/4in	1,930	LEVEL & PAVE W/1/4" TYPE IV

PROJECT TYPICAL SHEET #1

DESIGNED BY BCE/PJM DATE 4-06
 DRAWN BY C.E.A., INC. DATE 4-06
 DESIGN FILE NO. p00B056.dgn
 PRF FILE p00B056+typl DATE PLOTTED 15-MAY-2008
 PROJ. NAME **GREENSBORO - GLOVER**
 PROJ. NO. **STP 2226(1)S**
 SHEET **2** OF **19** SHEETS