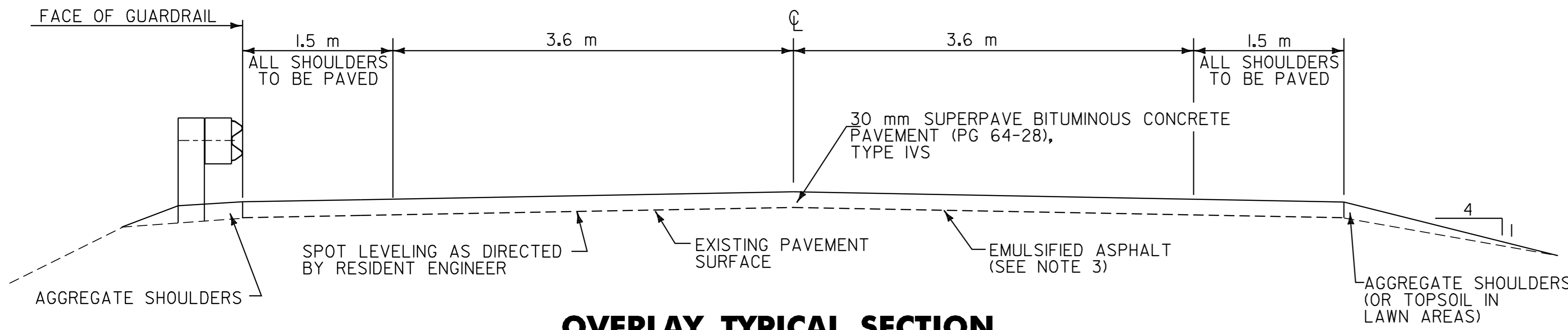


### NOTES

1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IV UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 64-28.
2. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 75 mm OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION WILL BE PAID FOR AS ALL-PURPOSE EXCAVATOR OR GRADER RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED).
3. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.12 L/m<sup>2</sup> OR AS DIRECTED BY THE RESIDENT ENGINEER.
4. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±5 mm (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
5. ALL DRIVEWAYS AND MAILBOX TURNOUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ALL MAILBOX TURNOUTS SHALL HAVE THE EXISTING EDGE OF PAVEMENT BACKED-UP WITH COLD PLANE GRINDINGS PRIOR TO THE PLACEMENT OF THE PAVED APRON. COMPENSATION FOR THIS WORK SHALL BE MADE UNDER THE APPROPRIATE EQUIPMENT RENTAL ITEM(S).
6. AN ESTIMATED QUANTITY OF EARTH BORROW HAS BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING MANUFACTURED TERMINAL SECTION FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 20 m<sup>3</sup> OF EARTH BORROW AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARDRAIL TERMINAL.
7. ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS WILL BE PAID FOR ONLY WHERE SPECIFIED IN THE PLANS. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVE AND SIDE ROAD APPROACHES AND AROUND DRAINAGE/UTILITY STRUCTURES), SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28).
8. GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 490.30.
9. 1.0 m OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 1.8 m POSTS. IF THIS CANNOT BE OBTAINED, THEN 2.4 m POSTS SHALL BE USED.
10. SPOT LEVELING HAS BEEN ESTIMATED AT 25% OF THE ENTIRE AREA OF PAVEMENT AND SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
11. AN ESTIMATED QUANTITY OF ITEM 613.10 STONE FILL, TYPE I HAS BEEN INCLUDED TO REPAIR THE EXISTING SIDE SLOPE AS DIRECTED BY THE RESIDENT ENGINEER.



### OVERLAY TYPICAL SECTION

VT. ROUTE 9 BENNINGTON STA. 0+000.000 TO BENNINGTON STA. 5+072.652

### CONSERVATION SEED MIX

| RURAL AREA - SEED MIXTURE |        |                     |        |         |
|---------------------------|--------|---------------------|--------|---------|
| % WT.                     | kg/ha. | NAME                | PUR. % | GERM. % |
| 37.14                     | 26.0   | CREEPING RED FESCUE | 98     | 85      |
| 37.14                     | 26.0   | TALL FESCUE         | 95     | 90      |
| 5.71                      | 4.0    | RED TOP             | 95     | 90      |
| 14.30                     | 10.0   | BIRDSFOOT TREFOIL   | 98     | 85      |
| 5.71                      | 4.0    | ANNUAL RYEGRASS     | 95     | 85      |
| 100.0                     | 70.0   |                     |        |         |

SEED MIXTURE:  
SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.

SEED:  
TO BE APPLIED PER SEEDING FORMULA DIRECTED BY THE RESIDENT ENGINEER

FERTILIZER:  
FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

AGRICULTURAL LIMESTONE:  
TO BE APPLIED AT THE RATE OF 4500 kg/ha OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH:  
TO BE APPLIED ON EARTH SLOPES AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE RESIDENT ENGINEER.

TOPSOIL:  
TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

### PROJECT PAVING LIMITS

| TOWN & ROUTE           | BEGIN STATION | END STATION | LANE TYPICAL                  | WEARING DEPTH | LEVELING † | NOTES                                 |
|------------------------|---------------|-------------|-------------------------------|---------------|------------|---------------------------------------|
| BENNINGTON VT. ROUTE 9 | 0+000.000     | 5+072.652   | 1.5 m - 3.6 m - 3.6 m - 1.5 m | 30 mm         | 466        | SPOT LEVEL & PAVE WITH 30 mm TYPE IVS |

### PROJECT TYPICAL SHEET

|                 |                        |              |          |
|-----------------|------------------------|--------------|----------|
| SURVEYED BY     | N/A                    | DATE         | N/A      |
| DRAWN BY        | C.A.K.                 | DATE         | 12/00    |
| SQUAD LEADER    | T.P.K.                 |              |          |
| DESIGN FILE NO. | /pave/99d156/pd156.dgn |              |          |
| IPARM FILE      | pb054pt.i              | DATE PLOTTED | \$DATE\$ |
| PROJ. NAME      | BENNINGTON             |              |          |
| PROJ. NO.       | NH 2225(I)S            |              |          |
| SHEET           | 82 OF 108              | SHEETS       |          |

|            |     |
|------------|-----|
| DATUM      |     |
| VERTICAL   | N/A |
| HORIZONTAL | N/A |