

**NOTES**

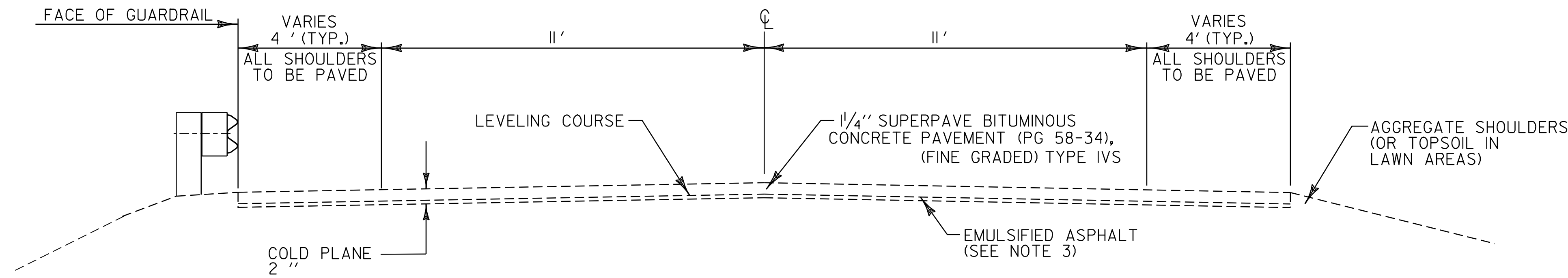
1. THE WEARING COURSE SHALL BE FINE GRADED TYPE IVS 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE FINE GRADED TYPE IVS UNLESS OTHERWISE INDICATED ON THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34. THE WEARING AND LEVELING COURSE IN THE CONTROL SECTION SHALL BE COARSE GRADED TYPE IVS 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34).
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANE SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.015 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 1/4" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. ALL DRIVEWAYS, MAILBOX TURNOUTS AND GRAVEL PULLOUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ALL MAILBOX TURNOUTS SHALL HAVE THE EXISTING EDGE OF PAVEMENT BACKED-UP WITH AGGREGATE SHOULDER MATERIAL PRIOR TO THE PLACEMENT OF THE PAVED APRON. ALL GRAVEL PULLOUTS SHALL HAVE 4" OF AGGREGATE SHOULDER MATERIAL PLACED ON THE EXISTING SURFACE AND COMPACTED. THE CONTRACTOR SHALL COMPLETE THIS WORK USING COLD PLANE GRINDINGS PRODUCED DURING THE CONSTRUCTION OF THIS PROJECT. COMPENSATION FOR THIS WORK SHALL BE MADE UNDER THE APPROPRIATE EQUIPMENT RENTAL ITEM(S).
5. EARTH BORROW SHALL BE USED FOR THE PROVISION OF CONSTRUCTING END SECTION FLARES 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 CY OF EARTH BORROW AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARDRAIL TERMINAL.
6. 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 INCIDENTAL TO ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34).
7. THE PROPOSED GUARDRAIL SHALL BE INSTALLED IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL. 3 FT OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6 FT POSTS. IF THIS CANNOT BE OBTAINED, THEN 8 FT POSTS SHALL BE USED.
8. THE PAVING/COLD PLANE LIMIT FOR ALL INTERSECTING TOWN HIGHWAYS THAT ARE PAVED SHALL BE 25 FT FROM THE OUTSIDE EDGE OF THE HIGHWAY SHOULDER UNLESS OTHERWISE INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
9. ALL SERVICABLE AND UNDAMAGED STEEL BEAM GUARD RAIL MATERIAL (PANELS, POSTS, OFFSET BLOCKS) REMOVED FROM THE PROJECT SHALL REMAIN THE PROPERTY OF THE STATE OF VERMONT. THE CONTRACTOR SHALL LOAD THIS MATERIAL ONTO SUITABLE TRANSPORT AND DELIVER THEM TO THE STATE OF VERMONT MAINTENANCE FACILITY ON US RTE 2 IN MIDDLESEX. THE CONTRACTOR SHALL CONTACT BILL BUTTS AT (802) 828-2697/8 AT LEAST TWO WEEKS PRIOR TO DELIVERY TO COORDINATE ACCESS ETC. THE STATE OF VERMONT WILL PROVIDE THE LOCATION, EQUIPMENT, AND PERSONNEL TO STOCKPILE THESE MATERIALS. ALL COSTS WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE ITEM UNDER WHICH THEY WERE REMOVED.

**SEEDING FORMULA  
RURAL AREAS**

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	22.5	CREeping RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
3.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

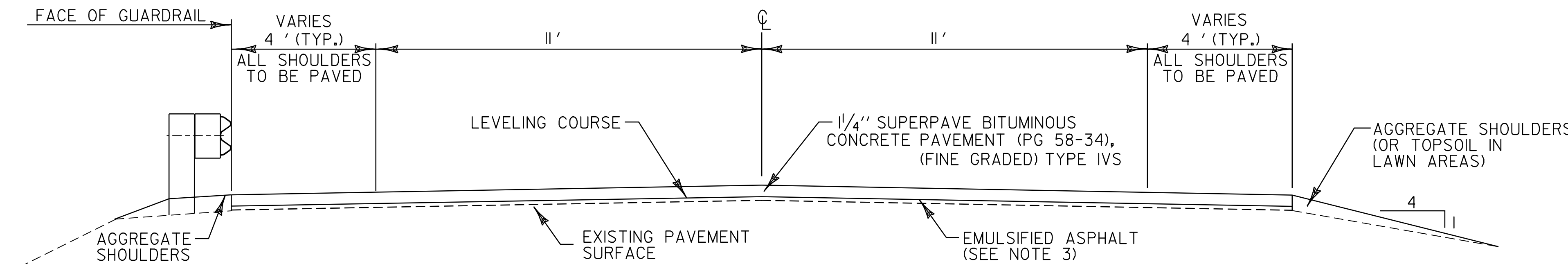
**GENERAL NOTES**

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.
- FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).
- AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
- HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
- TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.



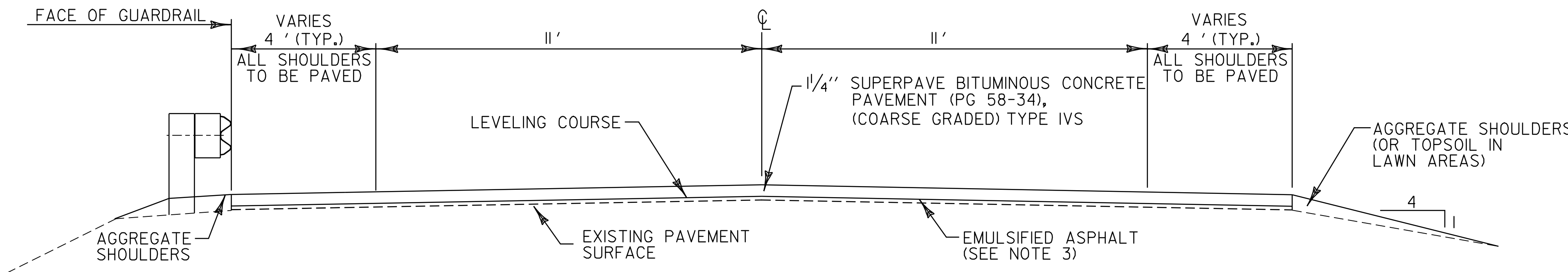
**COLD PLANE TYPICAL SECTION**

VT ROUTE 108 STA. 0+00 TO STA. 30+75  
USE EXPERIMENTAL FINE GRADED 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34)  
SEE CATEGORY II WORK PLAN



**OVERLAY TYPICAL SECTION**

VT ROUTE 108 STA. 30+75 TO STA. 84+50  
VT ROUTE 108 STA. 158+40 TO STA. 414+21.60  
USE EXPERIMENTAL FINE GRADED 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34)  
SEE CATEGORY II WORK PLAN



**CONTROL SECTION  
OVERLAY TYPICAL SECTION**

VT ROUTE 108 STA. 84+50 TO STA. 158+40  
CONTROL SECTION TO USE COARSE GRADED 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34)

**PROJECT PAVING LIMITS**

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING †	NOTES
STOWE VT. RTE 108	0+00	30+75	4' - 11' - 11' - 4'	1 1/4"	430	COLD PLANE 2", LEVEL WITH 3/4" TYPE IVS & PAVE WITH 1 1/4" TYPE IVS (FINE GR.)
STOWE VT. RTE 108	30+75	84+50	4' - 11' - 11' - 4'	1 1/4"	750	LEVEL WITH 3/4" TYPE IVS & PAVE WITH 1 1/4" TYPE IVS (FINE GRADED)
STOWE VT. RTE 108	84+50	158+40	4' - 11' - 11' - 4'	1 1/4"	1085	LEVEL WITH 3/4" TYPE IVS & PAVE WITH 1 1/4" TYPE IVS - (COARSE GRADED)
STOWE VT. RTE 108	158+40	414+21.60	4' - 11' - 11' - 4'	1 1/4"	3535	LEVEL WITH 3/4" TYPE IVS & PAVE WITH 1 1/4" TYPE IVS (FINE GRADED)

A CATEGORY II WORK PLAN HAS BEEN DEVELOPED TO COMPARE THE PERFORMANCE OF FINE GRADED SUPERPAVE MIXES VERSUS STANDARD COARSE GRADED SUPERPAVE MIXES. A COPY OF THE CATEGORY II WORK PLAN HAS BEEN INCLUDED IN THE SPECIAL PROVISIONS AS A SUPPLEMENTAL SPECIFICATION.

**PROJECT  
TYPICAL SHEET  
# 1**

PROJECT NAME: STOWE  
PROJECT NUMBER: AC STP 2407(I)S, 2410(I)S

FILE NAME: p04c048.dgn  
PROJECT LEADER: WOOLAVER  
DESIGNED BY: LOCKE  
p04c048+yp1.i

PLOT DATE: 11-JUN-2007 13:43  
DRAWN BY: LOCKE  
CHECKED BY: PAVT MGMT  
SHEET 2 OF 69