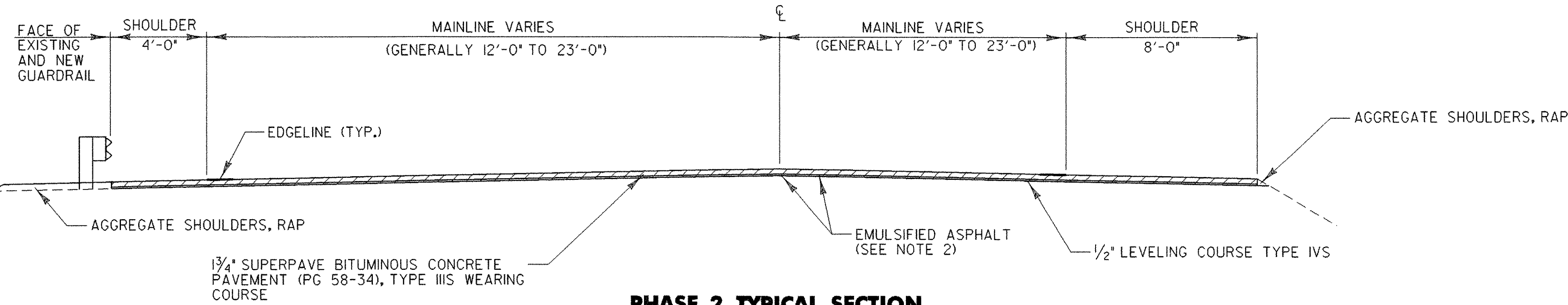


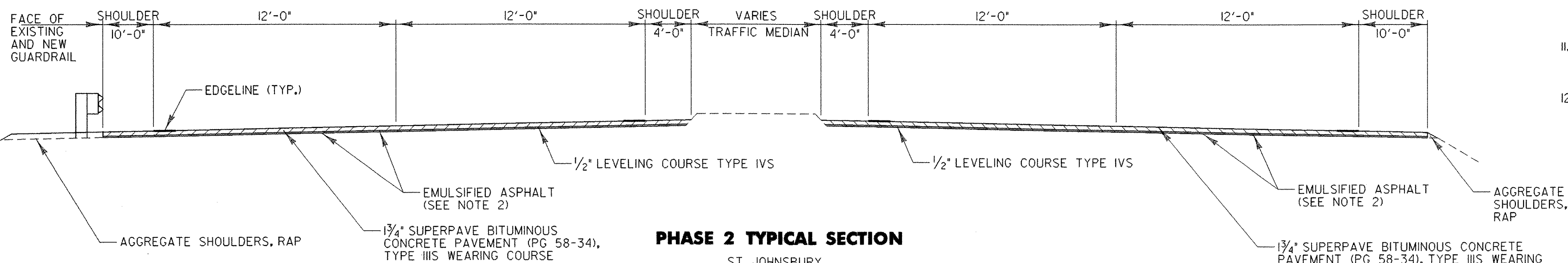
PHASE 1 TYPICAL SECTION

DANVILLE
 STA. 337+92.00 TO STA. 479+33.63
 ST. JOHNSBURY
 STA. 0+00.00 TO 42+24.00



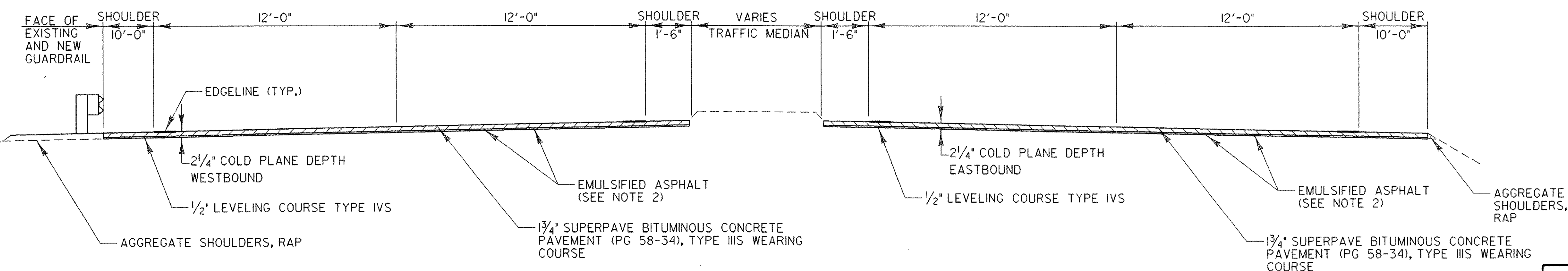
PHASE 2 TYPICAL SECTION

DANVILLE
 STA. 251+38.08 TO STA. 479+33.63
 ST. JOHNSBURY
 STA. 0+00.00 TO 52+06.00



PHASE 2 TYPICAL SECTION

ST. JOHNSBURY
 STA. 52+06.00 TO 132+00.00



PHASE 2 TYPICAL SECTION

ST. JOHNSBURY
 STA. 132+00.00 TO STA. 142+03.20

NOTES:

1. THE WEARING COURSE SHALL BE TYPE III SUPERPAVE BITUMINOUS CONCRETE PAVEMENT, THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT A RATE OF 0.025 GAL / SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4 INCH (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. 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.
5. 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 900.680, SUBBASE, RAP. A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
6. THREE FEET OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6 FOOT POSTS. IF THIS CAN NOT BE OBTAINED THAN 8 FOOT POSTS SHALL BE USED. ALL GUARDRAIL SHALL BE STEEL BEAM GUARDRAIL WITH STEEL POSTS AND WOOD BLOCKOUTS (OR APPROVED ALTERNATIVE MATERIAL). NEW GUARDRAIL SHALL COMPLY WITH STANDARD G-1.
7. QUANTITIES FOR ITEMS 604.40, "CHANGING ELEVATION OF DI, CB OR MH", AND 604.412, "REHABING DI, CB OR MH CLASS I", HAVE BEEN INCLUDED IN THE PLANS. THESE TWO ITEMS ARE TO BE USED 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. ESTIMATED QUANTITIES OF ITEM 608.25, "ALL PURPOSE EXCAVATOR RENTAL, TYPE I", 608.37, "TRUCK RENTAL", AND 608.40, "LOADER RENTAL, TYPE I" HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTIONS WITH EXCAVATED DITCHING MATERIAL. AN ESTIMATED QUANTITY OF 203.30, "EARTH BORROW", HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS NOT SUITABLE TO USE IN THE GUARDRAIL END SECTIONS. THE GUARDRAIL END SECTION SHALL BE CAPPED WITH AN ESTIMATED 3 INCH DEPTH OF AGGREGATE SHOULDERS, RAP UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDERS, RAP FOR GUARDRAIL TERMINALS WHERE NEEDED, AS IDENTIFIED ON THE ITEM DETAIL SHEETS.
9. ITEM 616.47, "BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS" WILL BE PAID ONLY WHERE SPECIFIED IN THE PLANS OR IN OTHER LOCATIONS AS 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 AND UTILITY STRUCTURES) SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 490.30, "SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34)".
10. ITEM 203.40, "SHOULDER BERM REMOVAL", IS AN ESTIMATED QUANTITY TO BE USED IN NECESSARY LOCATIONS, OR AS DIRECTED BY THE RESIDENT ENGINEER. THE PLAN QUANTITY REPRESENTS BERM REMOVAL FOR 80% OF THE RETAINED GUARDRAIL LENGTH. ITEM 203.40 WILL BE PAID ONLY IN RETAINED GUARDRAIL AREAS. THE REMOVAL OF SHOULDER BERMS IN NEW GUARDRAIL AREAS WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS.
11. QUANTITIES HAVE BEEN INCLUDED FOR CLEANING CULVERTS, AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK IS TO BE PAID FOR UNDER ITEMS 601.995, "CLEANING CULVERT PIPE, IN PLACE (0-24", INCL.)", AND 601.996, "CLEANING CULVERT PIPE, IN PLACE (GREATER THAN 24 IN.)".
12. THE CONTRACTOR IS HEREBY ALERTED TO THE PRESENCE OF LOOP DETECTOR LOCATIONS WITHIN THE EASTBOUND AND WESTBOUND TRAVEL LANES AT DANVILLE MILEMARK STATION 6.95. THE CONTRACTOR SHALL NOTIFY DAVID GOSSELIN OF THE VAOT TRAFFIC RESEARCH SECTION [TEL. (802)828-2694] AT LEAST TWO WEEKS PRIOR TO THE PLACEMENT OF THE LEVELING COURSE. THE AGENCY SHALL INSTALL NEW LOOPS PRIOR TO THE PLACEMENT OF THE WEARING COURSE. THERE WILL BE NO EXTRA COMPENSATION TO THE CONTRACTOR FOR WORKING AROUND AND WITH THOSE INSTALLING THE NEW LOOP DETECTORS.

**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
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	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.

TYPICAL SECTION NOTE:

1. SEE TYPICAL SECTION AT GUARDRAIL ON SHEET 27 FOR TREATMENT IN AREAS OF TREATED TIMBER CURB.

**PROJECT
 TYPICAL
 SHEET 1**

PROJECT NAME: DANVILLE - ST. JOHNSBURY
 PROJECT NUMBER: NH 2501(1)S

FILE NAME: pave/05b034/05b034
 PROJECT LEADER: EPD
 DESIGNED BY: JDA
 PLOT FILE: 05b034+yp1.l
 PLOT DATE: 12-JAN-2007
 DRAWN BY: SJB/JAR
 CHECKED BY: EPD
 SHEET 26 OF 63