

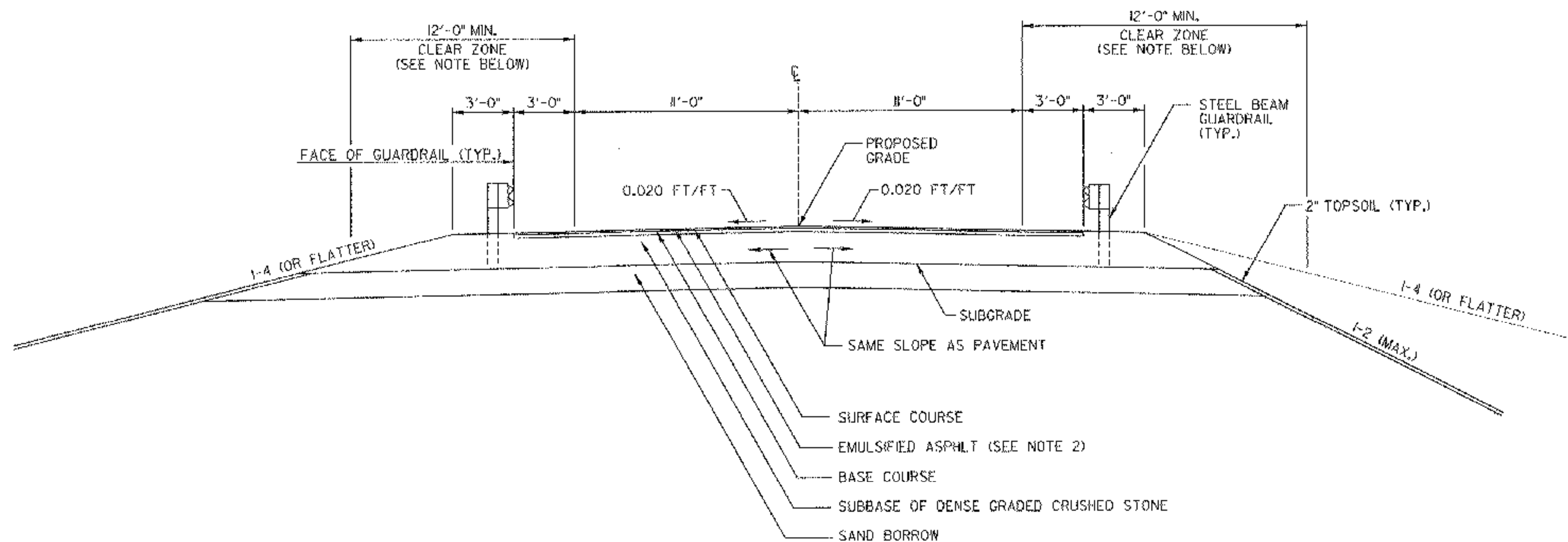
TYPICAL SECTION

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	± 1/4"
BASE COURSES (TOTAL DEPTH)	± 1/2"
SUBBASE	± 1"
SAND BORROW	± 1"

1-1/2" BITUMINOUS CONCRETE PAVEMENT (PG 58-34), TYPE III
 2" BASE COURSE, BITUMINOUS CONCRETE PAVEMENT (PG 58-34), TYPE II
 18" SUBBASE OF DENSE GRADED CRUSHED STONE
 15" SAND BORROW

NOTES:

- ELIMINATE TOPSOIL AND SEEDING BEHIND GUARDRAIL TO SUBGRADE CATCH POINT.
- 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 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- THE WEARING COURSE SHALL BE TYPE III BITUMINOUS CONCRETE PAVEMENT. THE BASE COURSE SHALL BE TYPE II BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IV BITUMINOUS CONCRETE PAVEMENT UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
- THE PROPOSED GUARDRAIL SHALL BE INSTALLED IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL. 3.0 FT OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6.0 FT POSTS. IF THIS CANNOT BE OBTAINED, THEN 8.0 FT POSTS SHALL BE USED.
- ALL DRIVEWAYS, MAIL BOX TURNOUTS AND GRAVEL PULLOUTS 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 ITEM 210.10 OR THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.35. SUBBASE OF DENSE GRADED CRUSHED STONE, A NEW BITUMINOUS OR AGGREGATE SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 406.25 OR ITEM 401.10. QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.



T.H. 85

NORMAL CROWN TYPICAL SECTION

N.T.S.
 STA. 12+80 TO 13+46
 STA. 14+50 TO 14+78

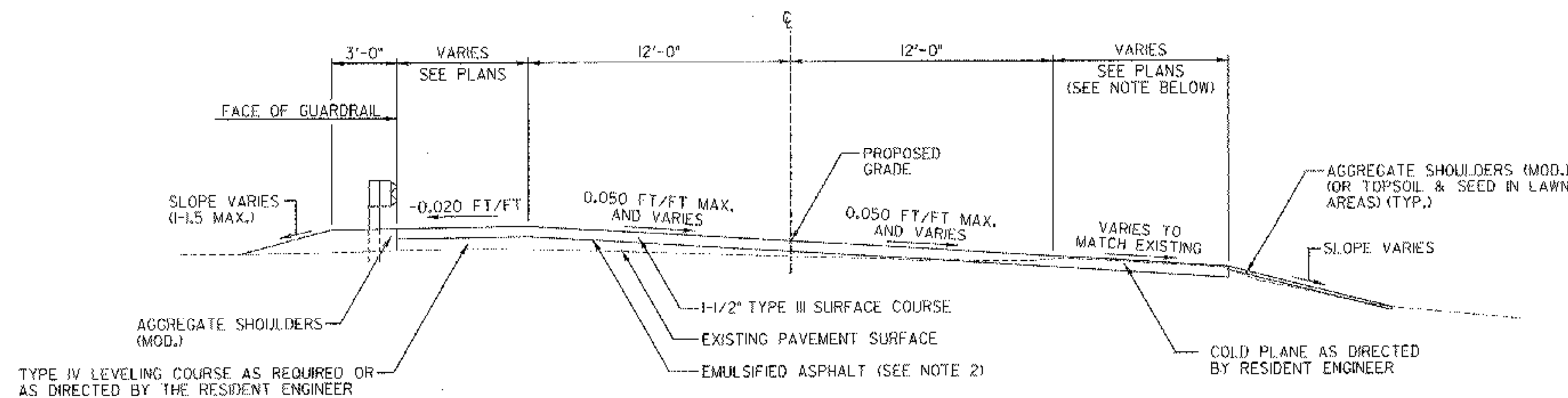
NOTES:
 12'-0" CLEAR ZONE APPLIES ONLY FOR CONDITIONS WITHOUT GUARDRAIL AND SLOPES 1-4 OR FLATTER.

RURAL AREA - SEED MIXTURE

% WT.	LBS./ACRE	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 RYE GRASS	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 RESIDENT 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 RESIDENT ENGINEER.
- HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE 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.
- SLOPE ROUNDING: ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.



U.S. ROUTE 5

OVERLAY TYPICAL SECTION

N.T.S.
 U.S. ROUTE 5 STA. 100+75 TO 105+00

NOTE:
 THE RIGHT SHOULDER SHALL BE PAVED TO THE EXISTING OUTSIDE EDGE OF SHOULDER AS DIRECTED BY THE RESIDENT ENGINEER.

DATUM	NAVD 88
VERTICAL	N/A
HORIZONTAL	N/A

TYPICAL SECTION SHEET	SURVEYED BY	W. DEYETTE	DATE	10/93
	DRAWN BY	C. KAHLBAUGH	DATE	7/06
	SQUAD LEADER	J. P. HALSTEAD		
	DESIGN FILE NO.	3797/FINAL/TS-1DGN		
	DATE PLOTTED	12/20/2006		
	PROJ. NAME	ST. JOHNSBURY, BRIDGE NO. 29		
PROJ. NO.	BRO M47(19)			
SHEET 6	OF 72 SHEETS			