

TYPICAL SECTIONS INITIAL CONSTRUCTION

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT	* 1/4"
BASE COURSE	* 1/4"
SUBBASE	* 1"
GRANULAR BORROW	* 1"
SAND BORROW	* 1"

3" BITUMINOUS CONCRETE PAVEMENT (1-1/4" TYPE III, 1-3/4" TYPE II)	406.25
3" BASE COURSE, BITUMINOUS CONCRETE, TYPE I	406.25
30" SUBBASE OF DENSE GRADED CRUSHED STONE	301.35
18" SAND BORROW	203.31
SHOULDERS: 1-1/4" BITUMINOUS CONCRETE PAVEMENT, TYPE III (1 LIFT)	406.25

NOTE: DESIGN FROST DEPTH - 54"

SEEDING FORMULA, ITEM 651.15 RURAL AREAS

% WT.	LBS./A.	NAME	PUR %	GERM %
3.33	2	CROWN VETCH	97	75
50.00	30	CREeping RED FESCUE	98	85
8.33	5	TIMOTHY	99	85
16.67	10	PERENNIAL RYE GRASS (VAR. PENNFINE)	95	85
8.34	5	ALFALFA (VAR. SARANAC)	99	85
8.33	5	BIRDSFOOT TREFLOIL (VAR. EMPIRE)	98	85
5.00	3	HIGHLAND BENT GRASS	92	85
100.00	60			

THE 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 AS DIRECTED BY THE ENGINEER
FERTILIZER- FORMULA 10-20-10 TO BE USED WITH SEEDING APPLIED AT THE RATE OF 500 LBS./ACRE OR AS DIRECTED BY THE ENGINEER.

AGRICULTURAL LIMESTONE- TO BE APPLIED AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.

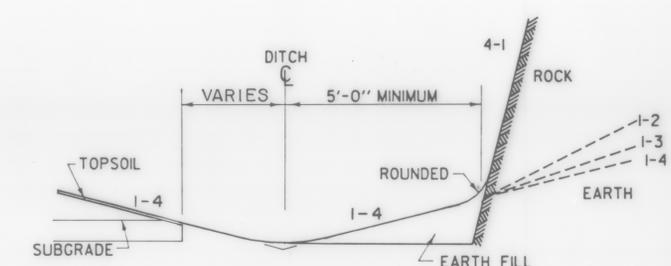
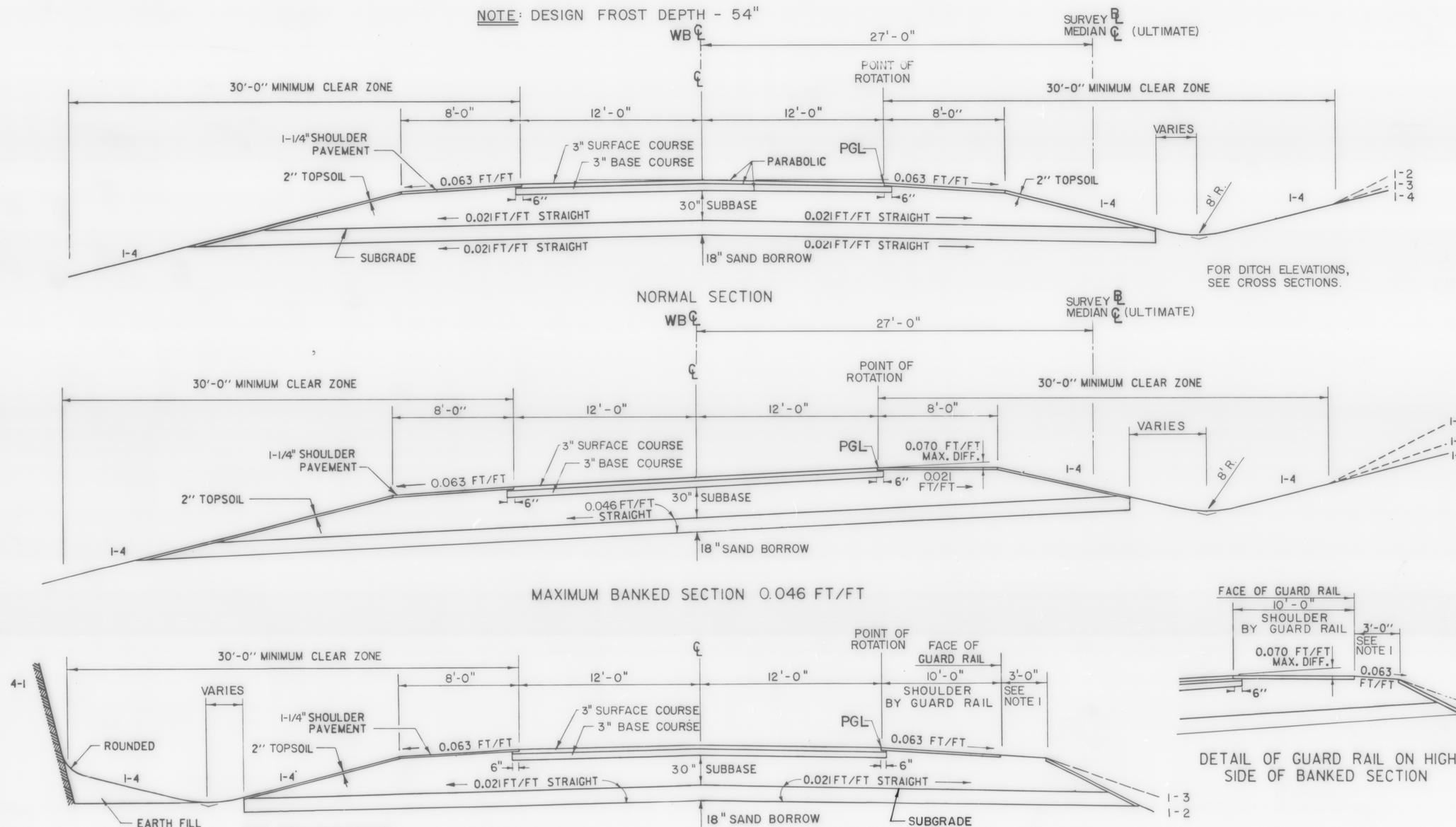
HAY MULCH- TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

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

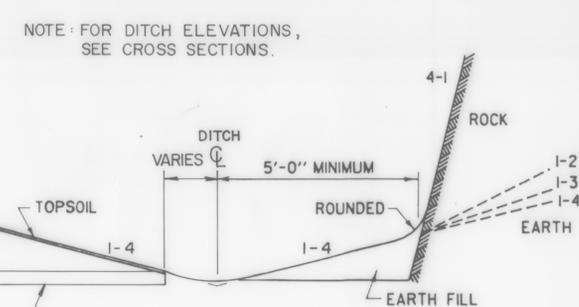
MARKER POSTS- TO BE PLACED AS DIRECTED BY THE ENGINEER.

SLOPE ROUNDING- ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.

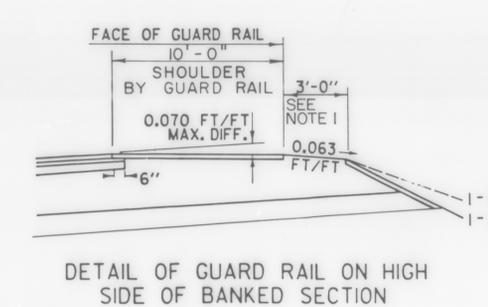
PAY LIMITS OF SAND BORROW WHEN USED IN CONJUNCTION WITH UNDERDRAIN- SEE STANDARD SHEET D-2.



DETAILS OF DITCH AND BACKSLOPE FOR LOW SIDE OF BANK < 0.042 FT/FT



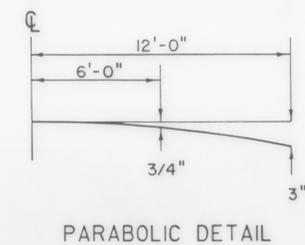
DETAILS OF DITCH AND BACKSLOPE FOR LOW SIDE OF BANK ≥ 0.042 FT/FT



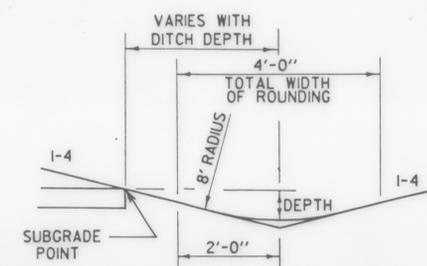
DETAIL OF GUARD RAIL ON HIGH SIDE OF BANKED SECTION

FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE STANDARD SHEET A-60.

NOTE:
1. ELIMINATE TOPSOIL AND SEEDING BEHIND GUARDRAIL TO SUBGRADE CATCH POINT.



PARABOLIC DETAIL



TYPICAL DITCH DETAILS

SEEDING FORMULA, ITEM 651.15 URBAN AREAS

% WT.	LBS.#	NAME	PUR %	GERM %
37.50	30	CREeping RED FESCUE (VAR. PENNLAWN)	98	85
31.25	25	KENTUCKY BLUEGRASS (COMMON)	85	75
31.25	25	PERENNIAL RYE GRASS (VAR. PENNFINE)	95	90
100.00	80			

R.O.W. PLAN

THIS SHEET TO BE USED FOR R.O.W. INFORMATION ONLY.

VT. SURVEY
SURVEYED BY CONSULTANTS DATE FEB 1988
DRAWN BY BRYANT ASSOC. DATE FEB 1988
TRACED BY DATE
WILLISTON-ESSEX-COLCHESTER
SECTION 3
PROJ. PB NO. 033-1(1)
SHEET 3 OF 57