

SEEDING FORMULA
RURAL AREAS

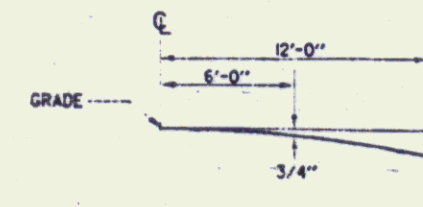
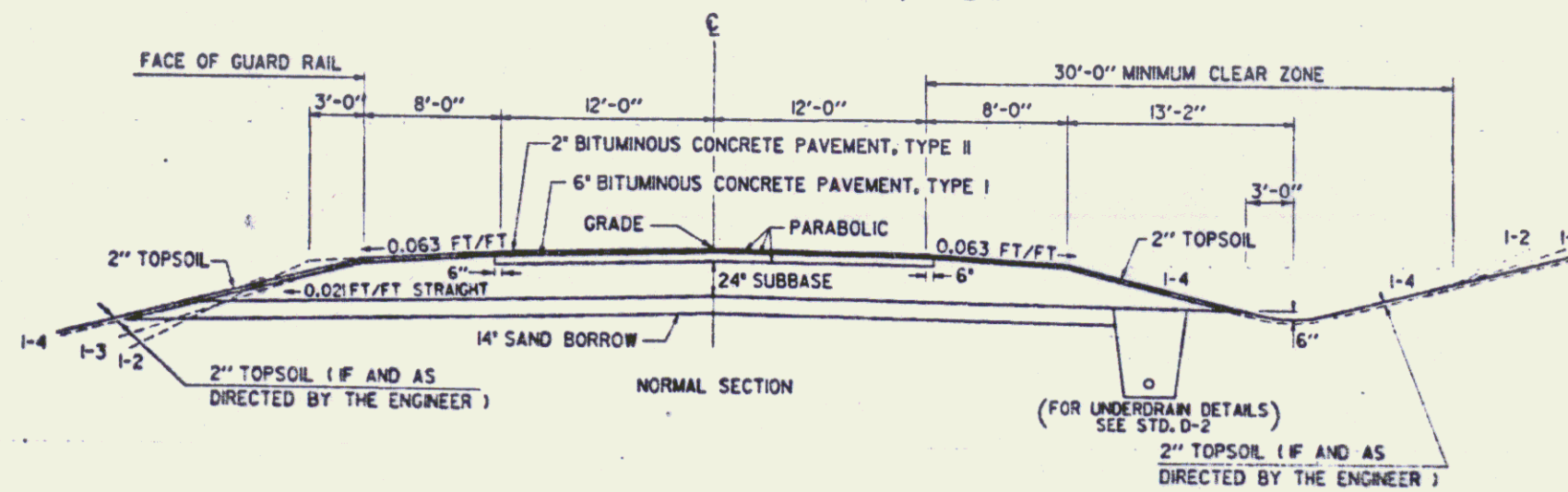
X WT.	LBS./A.	NAME	PLR %	GERM %
3.33	2	CROWN VETCH	97	75
50.00	50	CREEPING RED FESCUE	98	85
8.33	5	TIMOTHY	99	85
16.67	10	PERENNIAL RYE GRASS (VAR. PENNFINE)	95	85
8.34	5	ALFALFA (VAR. SARANAC)	99	85
8.33	3	BIRDFOOT TREFOL (VAR. EMPIRE)	98	85
5.00	3	HIGHLAND BENT GRASS	92	85
100.00	60			

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 FORMULAS DIRECTED BY THE ENGINEER.
FERTILIZER- FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE.
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.

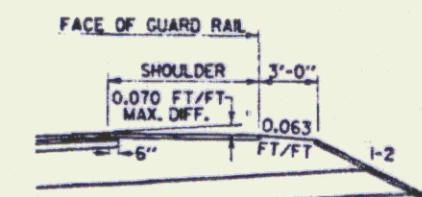
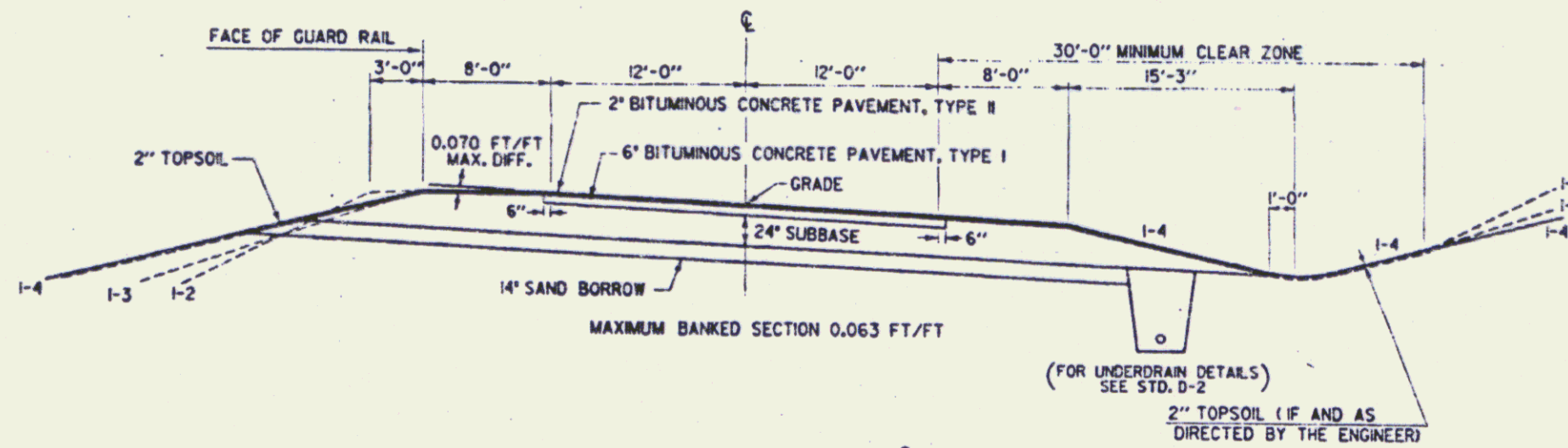
TYPICAL SECTIONS

2" BITUMINOUS CONCRETE PAVEMENT, TYPE II
6" BITUMINOUS CONCRETE PAVEMENT, TYPE I (2 - 3" LIFTS)
24" SUBBASE OF DENSE GRADED CRUSHED STONE
14" SAND BORROW
SHOULDERS: 2" BITUMINOUS CONCRETE PAVEMENT, TYPE II

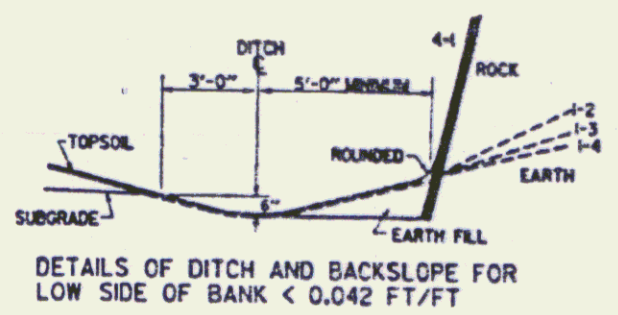
MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT	± 1/4"
BASE COURSE	± 1/4"
SUBBASE	± 1/2"
SAND BORROW	± 1/2"



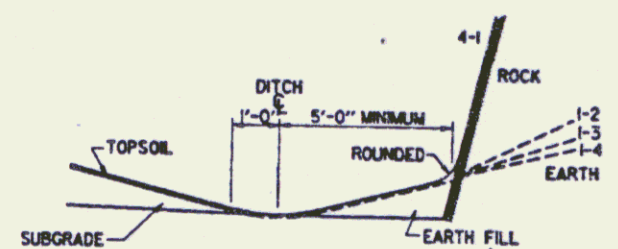
PARABOLIC DETAIL



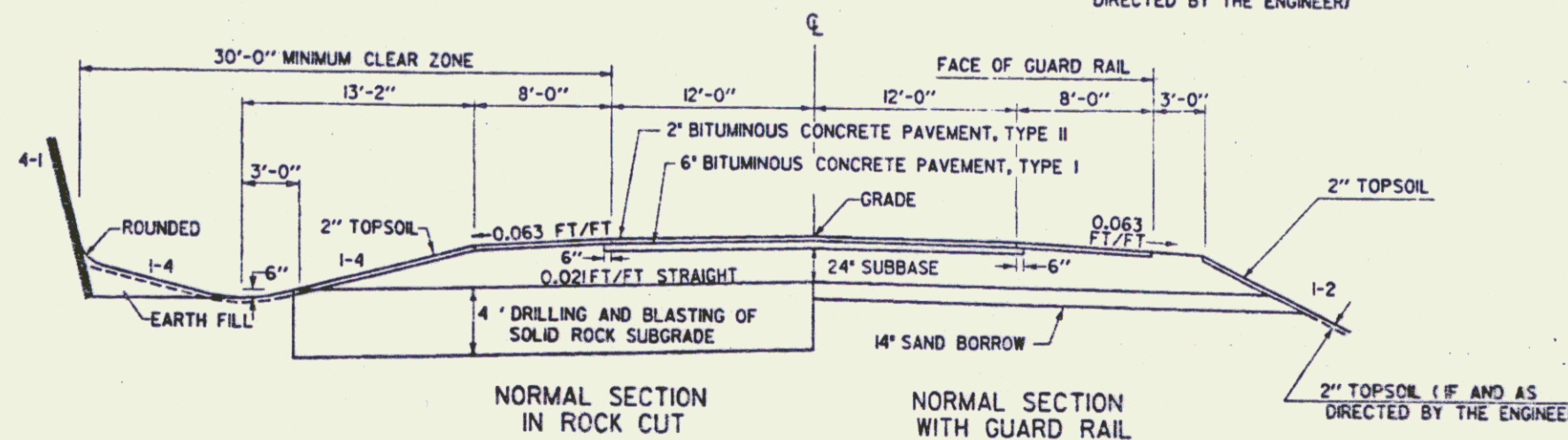
DETAIL OF GUARD RAIL ON HIGH SIDE OF BANKED SECTION



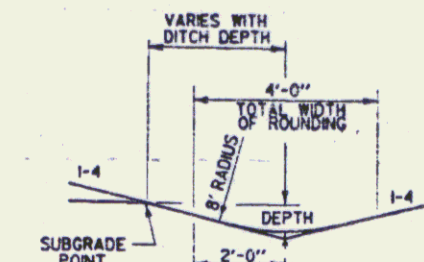
DETAILS OF DITCH AND BACKSLOPE FOR LOW SIDE OF BANK < 0.042 FT/FT



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



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



TYPICAL DITCH DETAILS

SURVEYED BY LASKOWSKI DATE 04-90
DRAWN BY PERKINS DATE 04-90
SQUAD LEADER PERKINS
DESIGN FILE NO. Z00450,77377805.DGN
PLOT FILE 77805TY1 DATE PLOTTED 13-JUN-1990

CHESTER
BRF 016-1(3)
R.O.W. SHEET 2 OF 10 SHEETS

MAR 17 1994