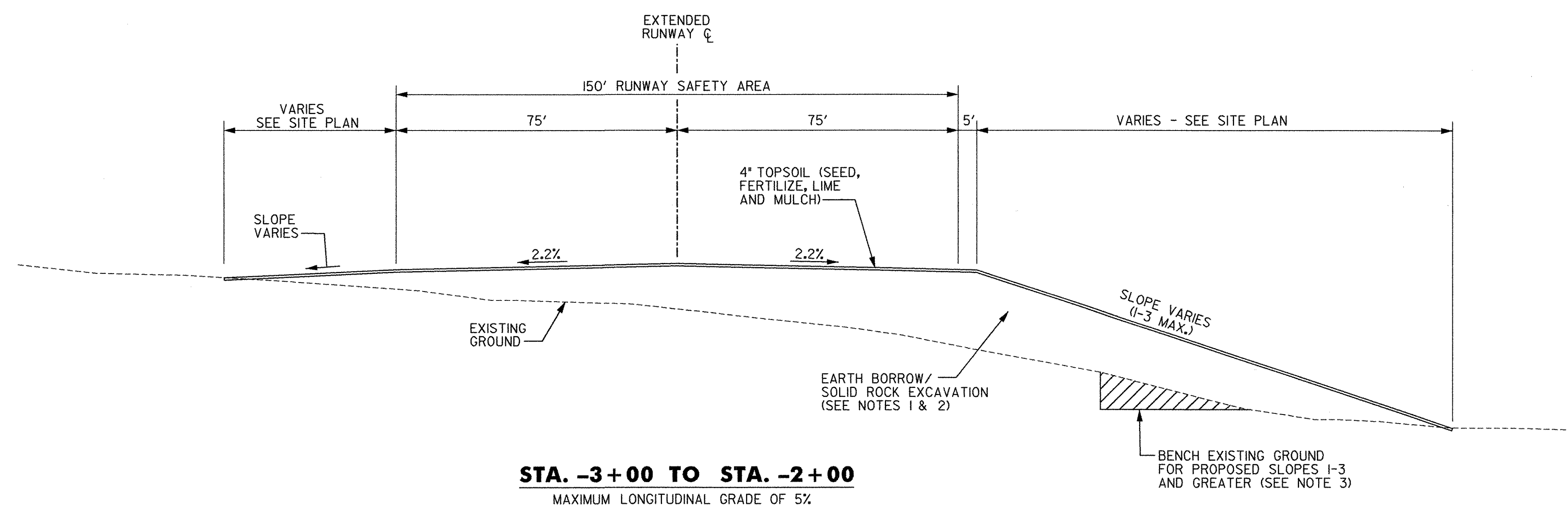
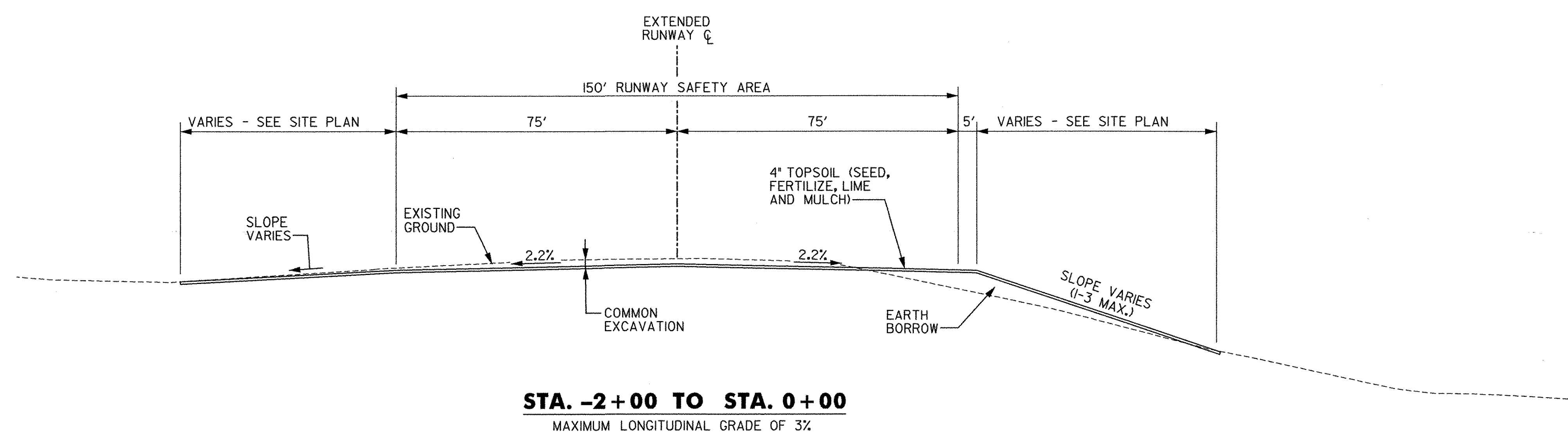


Project Parameters: 11/14/08
 Design File: 11/14/08
 Plot Date: 2/21/08
 Plot Scale: 1"=20'-0"

TYPICAL SECTIONS RUNWAY 19 SAFETY AREA



SEEDING FORMULA - RURAL AREAS

% WT.	LBS./AC.		NAME	GERM %
	BROADCAST	HYDROSEED		
37.6	75.2	94.0	CREeping RED FESCUE/DEN	90
28.4	56.8	71.0	SPARTAN HARD FESCUE	85
14.4	28.8	36.0	AZAY SHEEPS FESCUE	87
14.2	28.4	35.5	ANNUAL RYEGRASS	90
1.0	2.0	2.5	CROP	
4.3	8.6	10.8	INERT	
0.1	0.2	0.2	WEED	
	200.0	250.0		

SEEDING 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 FORMULA OR AS DIRECTED BY THE ENGINEER. HYDROSEED MAY BE USED BUT NOTE THAT QUANTITIES WERE CALCULATED USING BROADCAST APPLICATION RATE.
- 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.

NOTES

- EXCAVATED ROCK MATERIAL SHALL CONSIST OF BLASTED ROCK BROKEN INTO VARIOUS SIZES THAT WILL FORM A COMPACT EMBANKMENT WITH A MINIMUM OF VOIDS. THE MAXIMUM SIZE SHALL BE 36 INCHES IN ITS WIDEST DIMENSION AND THAT SIZE WHICH MAY BE INCORPORATED IN A 24 INCH LAYER OF ROCK EMBANKMENT. INDIVIDUAL PIECES OF ROCK OR BOULDERS WITH THEIR LEAST DIMENSION EXCEEDING THE THICKNESS OF THE LAYER BEING PLACED SHALL EITHER BE REDUCED TO AN ACCEPTABLE SIZE OR REMOVED FROM THE EMBANKMENT IN SUCH A MANNER THAT ALL VOIDS ARE FILLED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID UNDER ITEM 613.11-STONE FILL, TYPE 11.
- EXCAVATED ROCK MATERIAL WILL NOT BE PERMITTED WITHIN 24 INCHES OF FINISHED GRADE, WITHIN 24 INCHES OF THE CRUSHED STONE LEVELING PAD FOR THE PRECAST CONCRETE GEOGRID RETAINING WALL, AND WITHIN 24 INCHES OF THE EMBEDDED END OF THE GEOSYNTHETIC REINFORCEMENT.
- FOR BENCHING DETAILS REFER TO VTRANS DESIGN STANDARD SHEET B-5.
- NO AREAS OF MUCK EXCAVATION HAVE BEEN IDENTIFIED AT THIS SITE. ITEM 203.20 - MUCK EXCAVATION HAS BEEN INCLUDED IN THIS CONTRACT, TO PROVIDE A MECHANISM FOR PAYMENT, IN THE EVENT UNSUITABLE MATERIALS ARE ENCOUNTERED BELOW THE ORIGINAL GROUND LINE IN EMBANKMENT AREAS.
- ALL EXCESS ROCK AND EARTH MATERIAL RESULTING FROM THIS PROJECT WILL NEED TO BE PLACED IN AN APPROVED WASTE AREA. THE WASTE AREA APPROVAL PROCESS SHALL BE COORDINATED WITH THE VTRANS ENVIRONMENTAL UNIT.

REV	DATE	BY
△	02/21/08	CKF



PROJECT NAME: HIGHGATE	PLOT DATE: 2/21/2008
PROJECT NUMBER: AIR 04-3183	DRAWN BY: J. OAKMAN
FILE NAME: TYPICALS.DGN	CHECKED BY: P. ENZIE
PROJECT LEADER: M. CHURCHILL	SHEET 2 OF 27
DESIGNED BY: P. ENZIE	
TYPICAL SECTION SHEET 1	