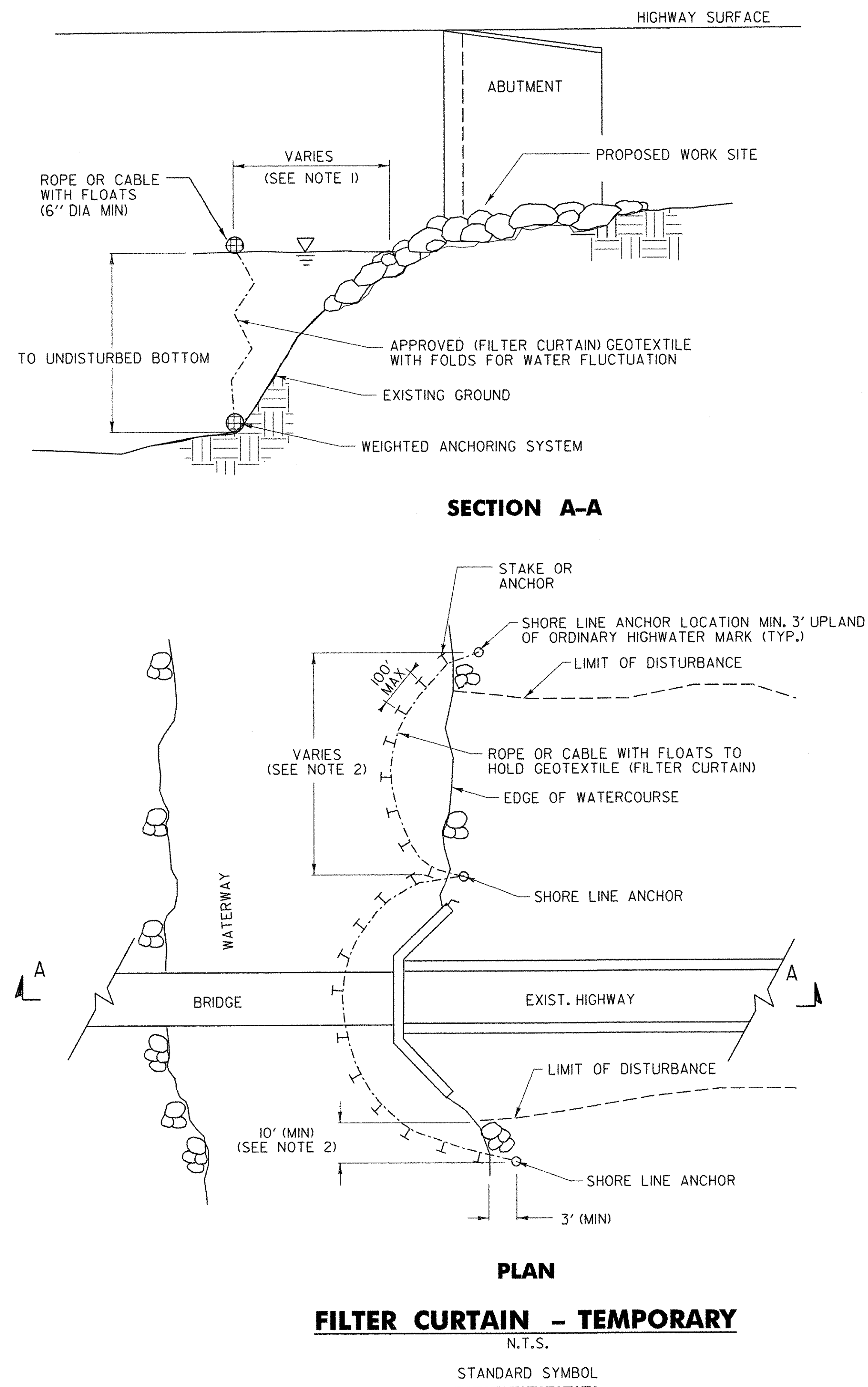


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 USER = 2467



SECTION A-A

PLAN

FILTER CURTAIN - TEMPORARY

N.T.S.

STANDARD SYMBOL

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	N/A

FILTER CURTAIN

APPLICATION NOTES:

- A. THE PRIMARY PURPOSE OF A FILTER CURTAIN IS TO SEPARATE WORK AREAS IN OR ADJACENT TO WATERS TO PREVENT SEDIMENT FROM ENTERING THE WATERS.
- B. FILTER CURTAIN SHALL NOT BE PLACED ACROSS A FLOWING WATERWAY OR IN A WATERWAY WITH STREAM VELOCITIES GREATER THAN MANUFACTURER'S RECOMMENDATIONS.
- C. FILTER CURTAIN SHALL NOT BE PLACED AT THE OUTLET OF A CULVERT OR DITCH UNLESS THE VELOCITY DOES NOT EXCEED 1.5 FT/SEC.
- D. THE DETAIL DEPICTS WORK AT A BRIDGE LOCATION, BUT FILTER CURTAIN MAY BE APPLIED AT OTHER LOCATIONS.

GENERAL NOTES:

1. THE FILTER CURTAIN SHALL BE PLACED AS CLOSE TO THE WORK AS POSSIBLE WITHOUT INTERFERING WITH CONSTRUCTION OPERATIONS.
2. THE FILTER CURTAIN SHALL BE A MAXIMUM OF 100 FEET LONG BETWEEN ANCHORS. LAST SECTION SHALL TERMINATE A MINIMUM OF 10 FEET BEYOND THE LIMIT OF DISTURBANCE.
3. THE CONTRACTOR SHALL MONITOR THE FILTER CURTAIN, TAKING INTO ACCOUNT WEATHER PATTERNS AND PREVAILING WIND DIRECTIONS THAT MAY AFFECT WATER LEVELS, VELOCITY AND MOVEMENT OF THE FILTER CURTAIN.
4. SEAMS IN THE FILTER CURTAIN FABRIC SHALL BE EITHER VULCANIZED, WELDED OR SEWN AND SHALL DEVELOP THE FULL STRENGTH OF THE FABRIC.
5. SOIL PARTICLES TRAPPED BY THE FILTER CURTAIN SHOULD ONLY BE REMOVED IF THERE HAS BEEN A SIGNIFICANT CHANGE IN THE ORIGINAL CONTOURS OF THE AFFECTED AREA IN THE WATER COURSE.
6. SOIL PARTICLES SHALL BE ALLOWED 6-12 HOURS TO SETTLE PRIOR TO THEIR REMOVAL OR THE REMOVAL OF THE FILTER CURTAIN.
7. THE FILTER CURTAIN SHALL BE REMOVED BY SLOWLY PULLING TOWARD THE SHORE TO MINIMIZE ESCAPE OF SEDIMENTS INTO THE WATERWAY.
8. THE WEIGHTED ANCHOR SYSTEM SHALL BE A TYPE THAT ALLOWS THE FILTER CURTAIN TO CONFORM TO THE CONTOUR ON THE BOTTOM OF THE WATERWAY.
9. PAYMENT FOR INSTALLATION AND REMOVAL OF THE FILTER CURTAIN SHALL BE MADE UNDER ITEM 649.61 GEOTEXTILE FOR FILTER CURTAINS.
10. PAYMENT FOR MONITORING FILTER CURTAIN SHALL BE MADE UNDER ITEM 652.20 MONITORING EROSION & PREVENTION SEDIMENT CONTROL PLAN.
11. PAYMENT FOR MAINTAINING FILTER CURTAIN SHALL BE MADE UNDER ITEM 652.30 FIELD MAINTENANCE OF EROSION & SEDIMENT CONTROL PLAN UNLESS MAINTENANCE IS REQUIRED DUE TO POOR INSTALLATION PRACTICES.

RURAL AREAS - SEED MIXTURE

CONSERVATION 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.

**TEMPORARY
 EROSION
 PREVENTION
 & SEDIMENT
 CONTROL
 DETAILS**

SURVEYED BY	W. DEYETTE	DATE	10/93
DRAWN BY	C. KAHLBAUGH	DATE	7/06
SQUAD LEADER	J. P. HALSTEAD		
DESIGN FILE NO.			
IPARM FILE		DATE PLOTTED	12/20/2006
PROJ. NAME	ST. JOHNSBURY, BRIDGE NO. 29		
PROJ. NO.	BRO 1447(19)		
SHEET	23 OF 72 SHEETS		