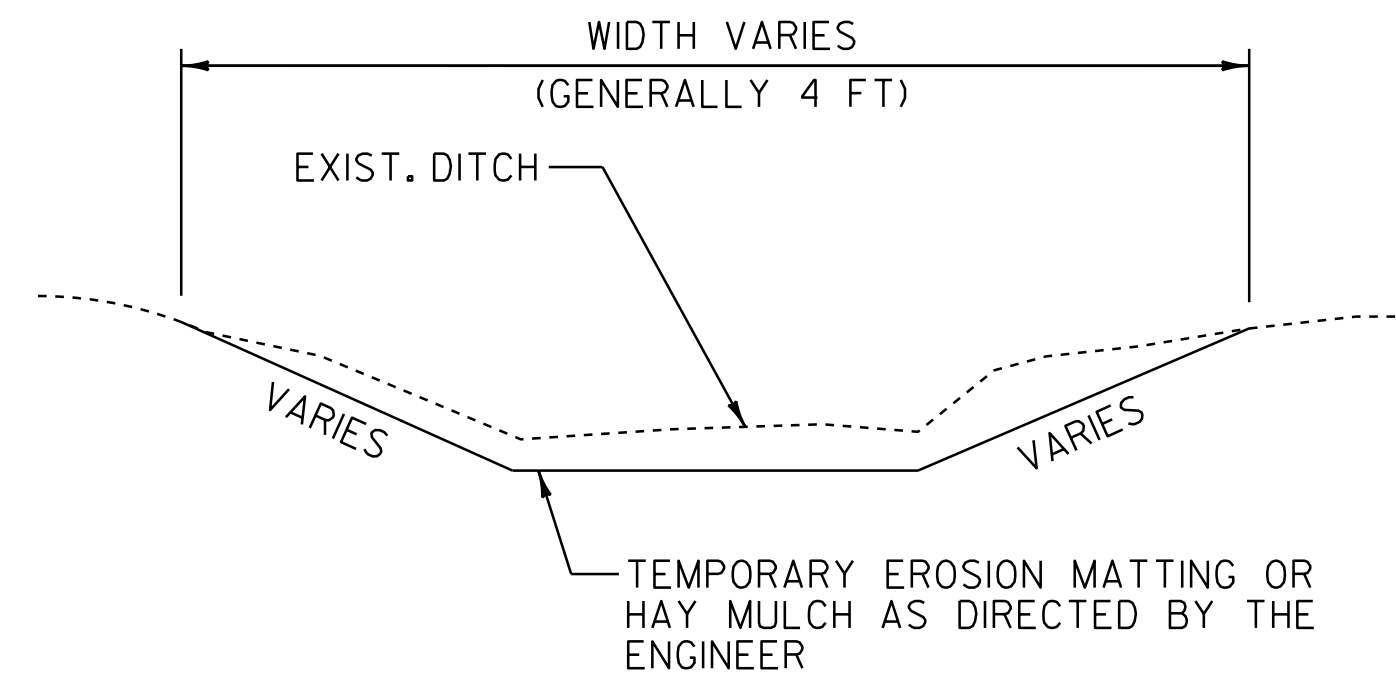
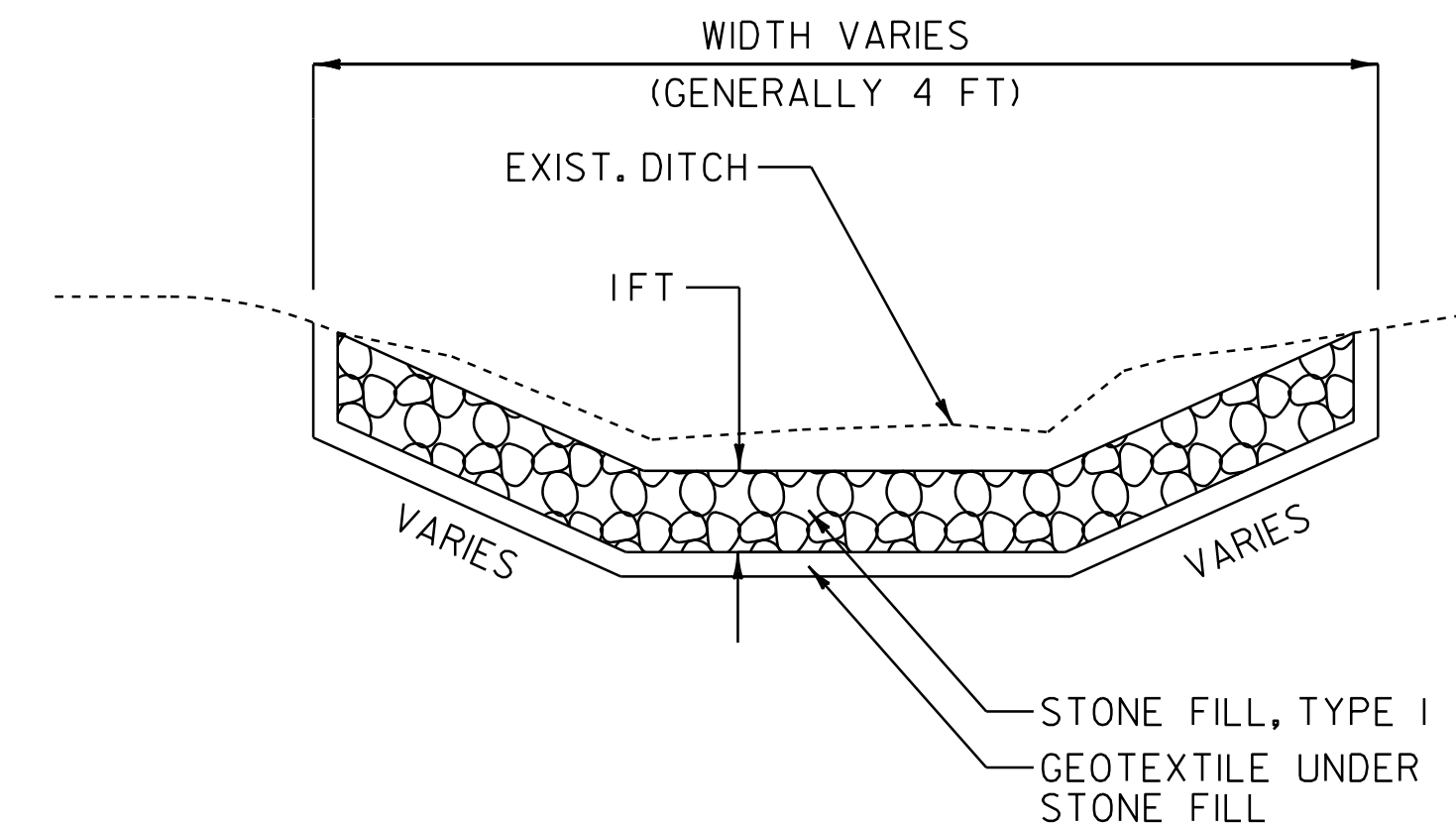


LOCATION				FEET OF DITCHING		MISC. ITEMS					REMARKS
SITE	MM	MM	POS.	PERCENT GRADE		613.10	613.11	649.31	651.15	653.20	
				1-2.5	2.5-10	STONE FILL, TYP. I	STONE FILL, TYP. II	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	
						LF	LF	CY	CY	SY	
NEWBURY-ST. JOHNSBURY SOUTHBOUND:											
1	110.683	128.556	LT/RT	1000	200	29.6		135	6	444	AS DIRECTED BY THE ENGINEER
2	112.413	112.640	LT		1199	177.6		801			
3	113.085	113.104	LT		100	14.8		68			
4	113.085	113.104	RT		100	14.8		68			
5	114.404	114.457	LT		280	41.5		188			
6	116.207	116.320	LT		597	88.4		399			
7	117.266	117.503	LT		1251	185.3		835			
8	118.427	118.591	LT		866	128.3		579			
9	119.950	120.140	RT		1003	148.6		670			
10	119.950	120.140	LT		1003	148.6		670			
11	120.680	120.780	LT		528	78.2		353			
12	122.400	122.560	RT		845	125.2		565			
13	125.540	125.600	RT		317	47.0		213			
14	123.000	123.120	RT		634	93.9		424			
15	123.465	123.550	LT		449	66.5		301			
16	124.750	124.800	LT		264	39.1		177			
17	126.300	126.380	LT		422	62.5		283			
18	126.690	126.714	LT		127	18.8		86			
19	126.714	126.790	RT		401	59.4		269			
20	127.400	127.800	LT		2112	312.9		1409			
21	128.150	128.306	LT		824	122.1		551			
22	128.250	128.860	LT		106	15.7		72			
23	128.250	128.860	LT		3221	477.2		2149			
24	EXIT 18		LT		525	77.8		351			
24	EXIT 19		LT		167	24.7		113			
FOR CONSTRUCTING ITEM 621.50 MANUFACTURED TERMINAL SECTION, FLARED									21	700	
FOR CONSTRUCTING ITEM 621.60 ANCHOR FOR STEEL BEAM RAIL									2	625	
<b>PROJECT SUBTOTALS</b>						<b>2598.5</b>	<b>11729</b>	<b>29</b>	<b>1769</b>		
<b>ROUNDINGS</b>						<b>1.5</b>	<b>21</b>	<b>1</b>	<b>31</b>		
<b>PROJECT TOTALS</b>						<b>2600</b>	<b>11750</b>	<b>30</b>	<b>1800</b>		



**DITCH DETAIL < 2.5 PERCENT**



**DITCH DETAIL > 2.5 PERCENT**

**NOTES**

- GRADES LESS THAN 1 PERCENT SHALL USE ITEM 651.15, SEED AND ITEM 651.25, HAY MULCH. GRADES BETWEEN 1 AND 2.5 PERCENT SHALL USE ITEM 651.25, HAY MULCH OR ITEM 653.20, TEMPORARY EROSION MATTING AS DIRECTED BY THE ENGINEER. GRADES OVER 2.5 PERCENT SHALL USE ITEM 649.31, GEOTEXTILE UNDER STONE FILL AND ITEM 613.10, STONE FILL TYPE I AS DIRECTED BY THE ENGINEER.
- PIPE INLET AND OUTLET AREAS AND DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS INDICATED ON THIS SHEET AND AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

**SEEDING FORMULA**

RATE: DOUBLE IF HYDROSEEDING

% WT.	LBS./A.	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 RYEGRASS	95	85
100.0	60.0			

**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 FORMULAS OR AS DIRECTED BY THE 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 ENGINEER.

HAY MULCH: TO BE PLACED ON THE 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.

**DITCH CLEANING SHEET**

PROJECT NAME: NEWBURY-ST. JOHNSBURY	FILE NAME: 06a046	PLOT DATE: 29-JUL-2014 16:44
PROJECT NUMBER: AC IM 091-2(76)	PROJECT LEADER: PTS	DRAWN BY: JLS
	DESIGNED BY: NULL	CHECKED BY: PTS
	IPARM FILE NAME: 06A046_24	SHEET 24 OF 33

NOT TO SCALE