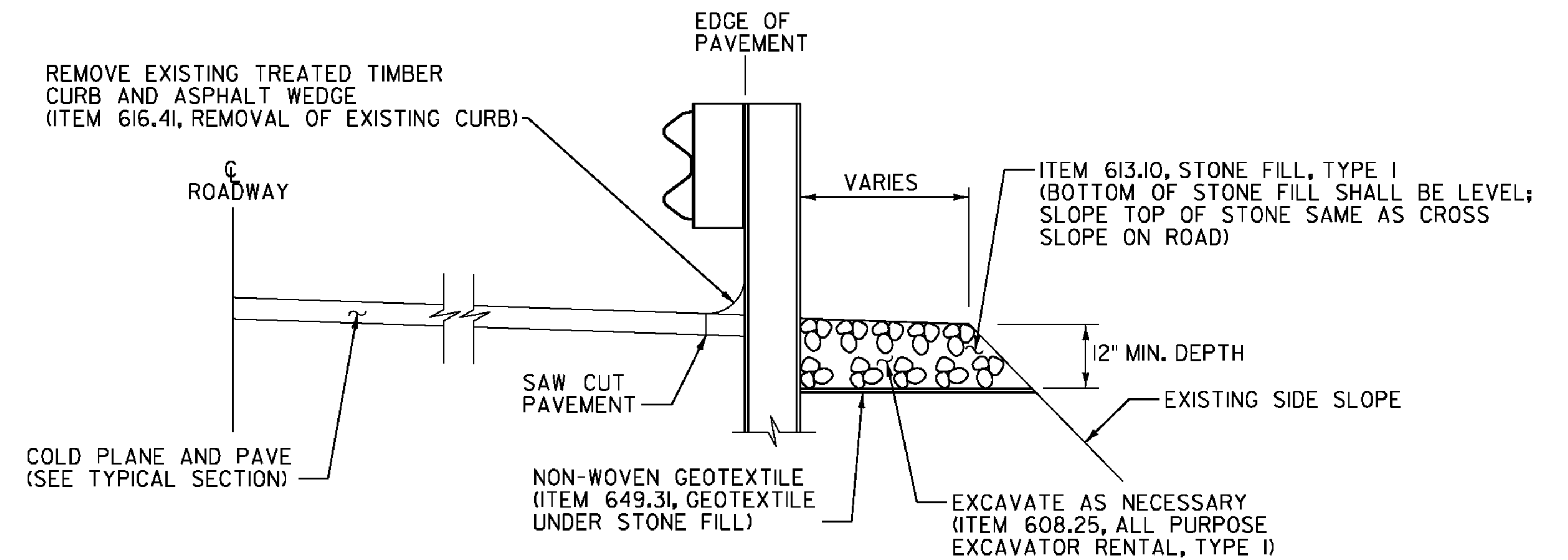
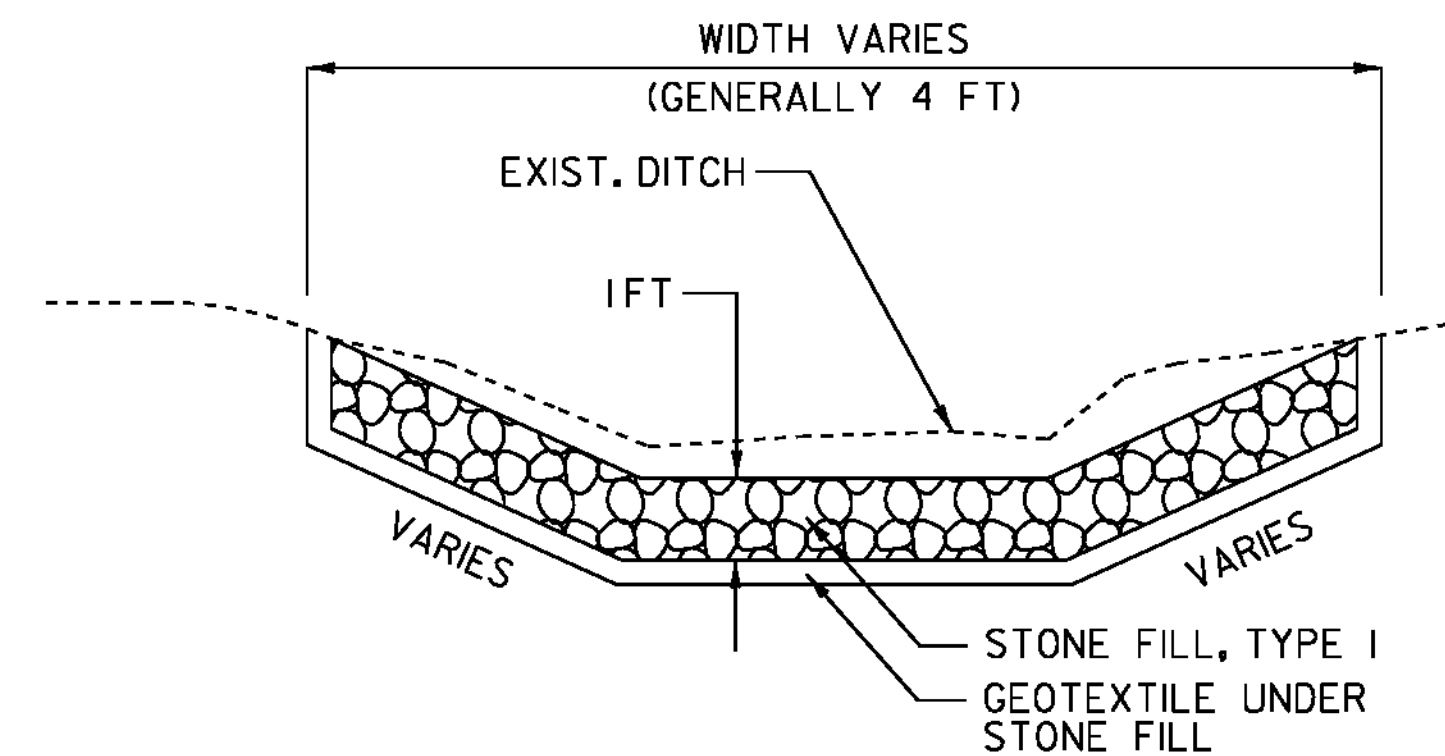


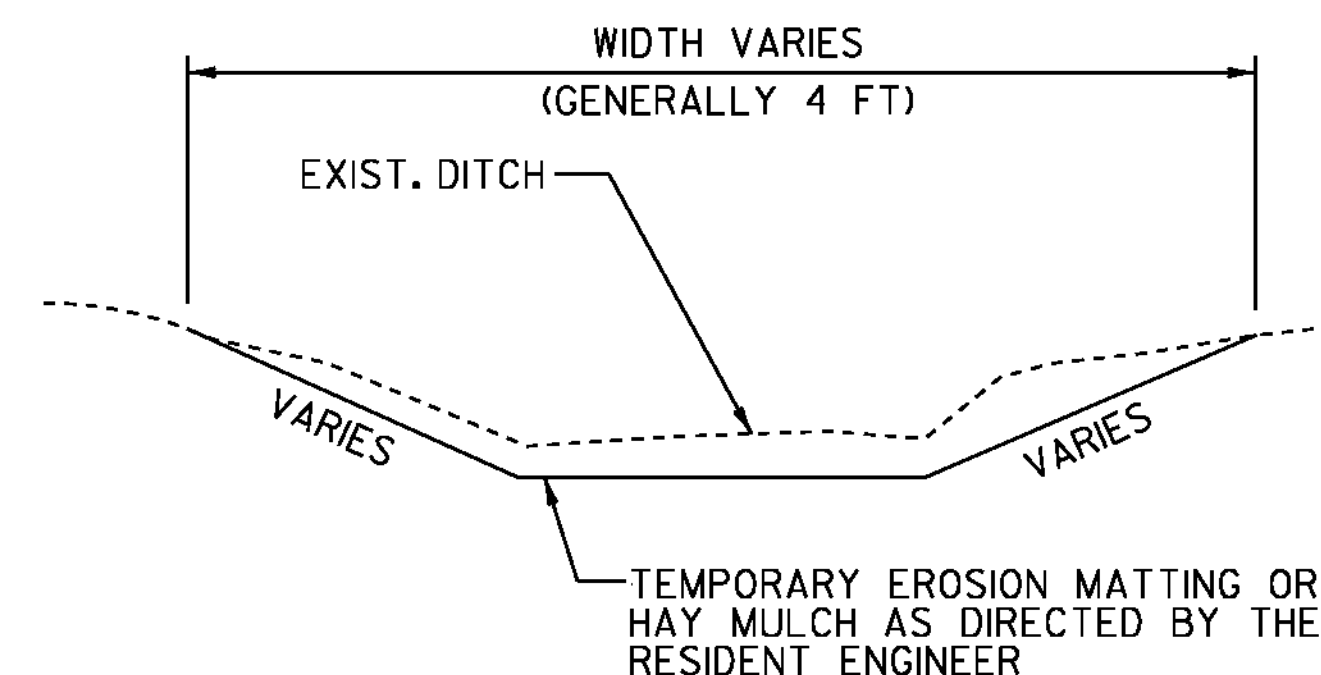
LOCATION				FEET OF DITCHING		MISC. ITEMS					REMARKS
SITE	MM	MM	POS.	PERCENT GRADE		613.10	613.11	649.31	651.15	653.20	
				1-2.5	2.5-10	STONE FILL, TYP. I	STONE FILL, TYP. II	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	
ST. JOHNSBURY-LYNDON				LF	LF	CY	CY	SY	LBS	SY	
NORTHBOUND:											
	128.699	137.121	LT/RT	1000					22	444	ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER
I-91 NORTHBOUND:											
1	129.552	129.613	RT			48		215			322' STONE FILL BACKING
2	129.803	129.866	RT			49		222			333' STONE FILL BACKING
3	129.930	129.937	RT			5		25			37' STONE FILL BACKING
4	129.953	130.083	RT			102		458			686' STONE FILL BACKING
5	130.148	130.240	RT			72		324			486' STONE FILL BACKING
6	130.240	130.315	RT			59		264			396' STONE FILL BACKING
7	130.650	130.690	RT		211	31		141			
8	131.480	131.550	LT		370	55		247			
9	131.480	131.550	RT		370	55		247			
10	131.600		LT			10		26			3 - SINK HOLES 3' x 7' x 4'
11	131.830	131.920	RT		475	70		317			
12	132.100	132.800	LT		3696	548		2464			
13	132.299	132.391	RT			72		324			486' STONE FILL BACKING
14	132.580	133.000	LT		2218	329		1479			
15	132.580	132.690	RT		581	86		387			
16	133.100	133.200	RT		528	78		352			
17	133.210	133.390	LT		950	141		633			
18	133.210	133.390	RT		950	141		633			
19	133.600	133.700	RT		528	78		352			
20	133.870	133.990	LT		634	94		423			
21	133.976	134.000	RT			19		84			127' STONE FILL BACKING
22	134.150	134.450	LT		1584	235		1056			
23	134.822	134.839	LT			13		60			90' STONE FILL BACKING
24	134.903	134.935	LT			25		113			169' STONE FILL BACKING
25	134.930	135.140	LT		1109	164		739			
26	135.010	135.170	RT		845	125		563			
27	135.320	135.900	LT		3062	454		2041			
28	135.520	135.900	RT		2006	297		1337			
29	135.906	136.111	RT			160		722			1082' STONE FILL BACKING
30	136.500		LT			4		20			6' X 20' SLOPE STABILIZATION ALONG WING WALL
31	EXIT 20 RAMP A		LT			2		11			4' X 14' SWALE
32	EXIT 20 RAMP E		LT			2		10			4' X 13' SWALE
33	EXIT 20 RAMP E		LT			1		6			5' X 6' SWALE
34	EXIT 21 RAMP B		RT			47		187			320' STONE FILL BACKING
I-91 NORTHBOUND SUBTOTAL				1000	20117	3671		16482	22	444	PROJECT TOTALS



CURB REMOVAL AND STONE FILL BACKING DETAIL



DITCH DETAIL > 2.5 PERCENT



DITCH DETAIL < 2.5 PERCENT

DITCHING 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 %
38.0	32.0	CREeping RED FESCUE	98	90
29.0	24.0	SPARTAN HEAD FESCUE	95	85
15.0	12.0	AZAY SHEEP'S FESCUE	95	87
15.0	12.0	ANNUAL RYE GRASS	95	90
3.0	--	INERTS	--	--
100.0	80 LB/A			

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.

NORTHBOUND DITCH CLEANING SHEET

PROJECT NAME: ST. JOHNSBURY-LYNDON

PROJECT NUMBER: IM 091-3(50)

FILE NAME: Ila346/cos/zlla346frm.dgn

PLOT DATE: 10/17/2013

PROJECT LEADER: PTS

DRAWN BY: SNG

DESIGNED BY: NULL

CHECKED BY: PTS

IPARM FILE NAME: plla346_38

SHEET 38 OF 72

NOT TO SCALE