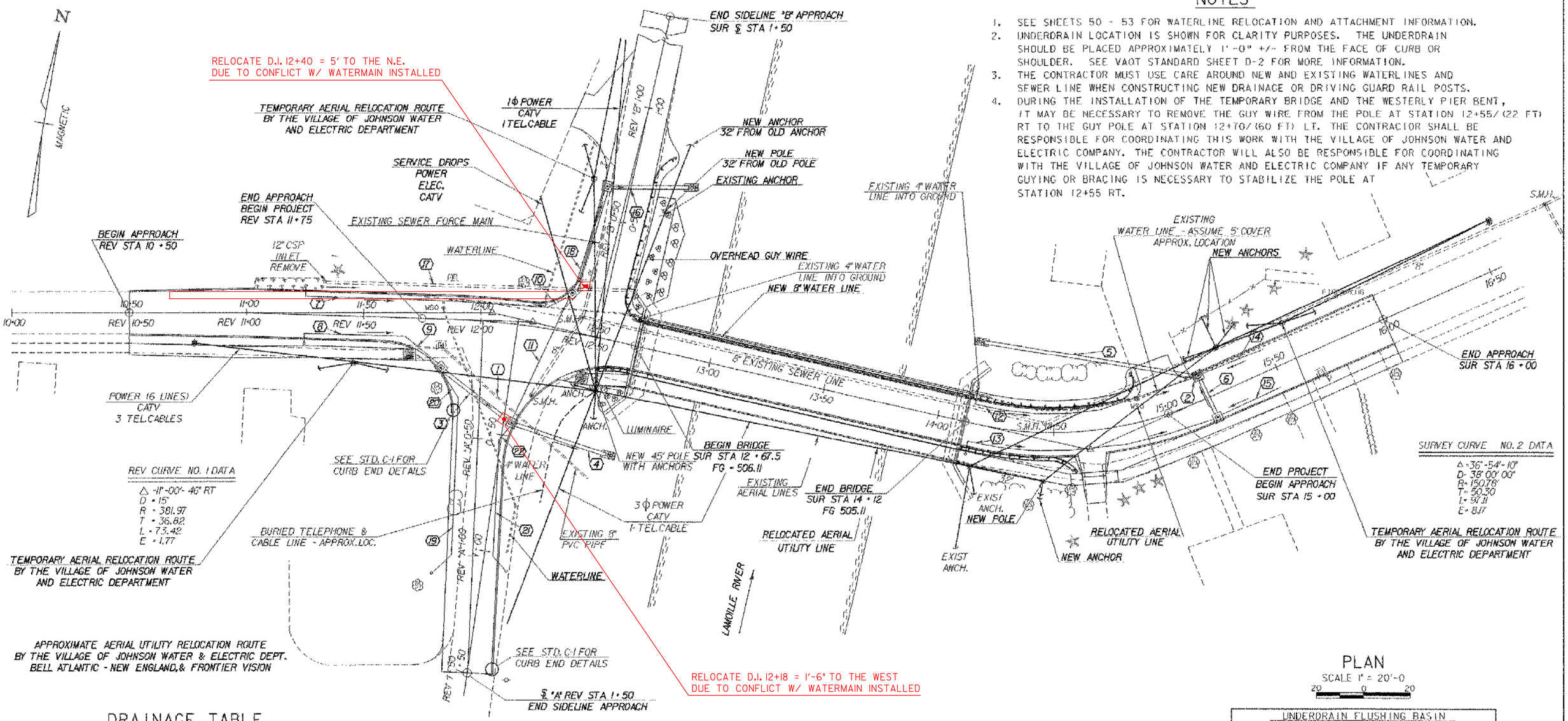

NOTES

1. SEE SHEETS 50 - 53 FOR WATERLINE RELOCATION AND ATTACHMENT INFORMATION.
2. UNDERDRAIN LOCATION IS SHOWN FOR CLARITY PURPOSES. THE UNDERDRAIN SHOULD BE PLACED APPROXIMATELY 1'-0" +/- FROM THE FACE OF CURB OR SHOULDER. SEE VAOT STANDARD SHEET D-2 FOR MORE INFORMATION.
3. THE CONTRACTOR MUST USE CARE AROUND NEW AND EXISTING WATERLINES AND SEWER LINE WHEN CONSTRUCTING NEW DRAINAGE OR DRIVING GUARD RAIL POSTS.
4. DURING THE INSTALLATION OF THE TEMPORARY BRIDGE AND THE WESTERLY PIER BENT, IT MAY BE NECESSARY TO REMOVE THE GUY WIRE FROM THE POLE AT STATION 12+55/ (22 FT) RT TO THE GUY POLE AT STATION 12+70/ (60 FT) LT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THIS WORK WITH THE VILLAGE OF JOHNSON WATER AND ELECTRIC COMPANY. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR COORDINATING WITH THE VILLAGE OF JOHNSON WATER AND ELECTRIC COMPANY IF ANY TEMPORARY GUYING OR BRACING IS NECESSARY TO STABILIZE THE POLE AT STATION 12+55 RT.

PLAN

SCALE 1" = 20'-0

20 0 20

UNDERDRAIN FLUSHING BASIN
REV STA 11+25 LEFT AND RIGHT
SUR STA 14+13 LEFT AND RIGHT
SUR STA 15+50 LEFT AND RIGHT
SIDELINE "A" REV STA 1+10 LEFT AND RIGHT

SEWER LINES - EXISTING
MANHOLE AT REV STA 'A' 0+32 LT (INVERT - 498.1)
MANHOLE AT REV STA 12+42 LT (INVERT - 498.0)
MANHOLE AT SUR STA 14+46 LT (INVERT - 497.2)
MANHOLE AT SUR STA 16+84 LT (INVERT - 496.2)

DRAINAGE TABLE

OPTION A - RCP OPTION C - CAAP OPTION E - CSP
OPTION B - PCCSP OPTION D - CPEP

SEE SHEETS 50 - 53 FOR WATERLINE INFORMATION

NO.	STATION	DESCRIPTION	NO.	STATION	DESCRIPTION
1	REV 11+83 RT ~ SUR 12+60 RT	REMOVE EXISTING 8" X 82' PIPE AND D. I.	11	~~REV 12+40 LT ~ REV ℄ "A" 0+42 LT~~	~~NEW 6" x 58' UNDERDRAIN~~
2	SUR 15+18 LT	REMOVE EXISTING D. I.	12	SUR 14+13 LT ~ SUR ~~15+16~~ LT 14+89	NEW 6" x ~~96'~~ UNDERDRAIN 76
3	REV 11+84 RT ~ REV 12+18 RT	NEW 18" x 36' PIPE (OPTIONS A, B, C, & D) WITH 4' x 4' D. I. WITH TYPE E GRATE AT INLET	13	SUR 14+~~13~~ RT30 SUR 15+~~16~~ RT 20	NEW 6" x ~~106'~~ UNDERDRAIN 110
			14	SUR 15+18 LT ~ SUR 15+~~50~~ LT 46	NEW 6" x ~~34'~~ UNDERDRAIN 26
4	REV 12+18 RT ~ SUR 12+66 RT	NEW 18" x 42' PIPE (OPTION D & E) WITH 4' x 4' D. I. WITH TYPE E GRATE AT INLET AND ~~6'~~ 10' x ~~3'~~ 20' STONE PAD, TYPE 1 AT OUTLET	15	~~SUR 15+18 RT ~ SUR 15+50 RT~~	~~NEW 6" x 34' UNDERDRAIN~~
			16	REV ℄ "B" 0+64 LT ~ REV ℄ "B" 0+71 RT	NEW 18" x 34' PIPE (OPTIONS A-D) WITH 4' x 4' DI WITH TYPE E GRATE AT INLET AND 6' x 3' STONE PAD, TYPE 1 AT OUTLET
5	SUR 14+~~12~~ 25 LT ~ SUR 15+17 LT	NEW 18" x ~~92'~~ 76' PIPE (OPTION D & E) WITH 4' x 4' D. I. WITH TYPE E GRATE AT INLET AND 6' x 3' STONE PAD, TYPE 1 AT OUTLET	17	REV 11+34 LT ~ SUR 12+67 LT	REMOVE EXISTING 12" x 137' PIPE
6	SUR 15+17 LT ~ SUR 15+17 RT	NEW 18" x 18' PIPE (OPTION A, B, C, & D) WITH 4' x 4' D. I. WITH TYPE E GRATE AT INLET	18	REV 12+40 LT ~ REV ℄ "B" 0+64 LT	NEW 18" x 46' PIPE (OPTIONS A-D) WITH 4 x 4 DI AT INLET WITH TYPE E GRATE
7	REV 11+25 LT ~ REV ~~12+28~~ 11+89 LT	NEW 6" x ~~104'~~ UNDERDRAIN 56	19	~~REV ℄ "A" 0+33 RT ~ REV ℄ "A" 1+10 RT~~	~~NEW 6" x 68' UNDERDRAIN~~
8	REV 11+25 RT ~ REV 11+68 RT	NEW 6" x ~~44'~~ UNDERDRAIN 42	20	~~REV ℄ "A" 0+22 RT ~ REV ℄ "A" 0+33 RT~~	~~NEW 6" x 14' UNDERDRAIN~~
9	REV 11+68 RT ~ REV 11+84 RT	NEW 6" x 20' UNDERDRAIN	21	~~REV ℄ "A" 0+42 LT ~ REV ℄ "A" 0+50 LT~~	~~NEW 6" x 8' UNDERDRAIN~~
10	~~REV 12+28 LT ~ REV 12+40 LT~~	~~NEW 6" x 10' UNDERDRAIN~~	22	REV ℄ "A" 0+50 LT ~ REV ℄ "A" 1+10 LT	NEW 6" x ~~50'~~ UNDERDRAIN 60
	10+52 ~ 12+00 LT	NEW 18" x 148 CEP			

SHEET NAME: UTILITIES AND DRAINAGE SHEET	
PROJECT NAME: JOHNSON	HIGHWAY NO.: TH 2
PROJECT NUMBER: BHO 1448(18)	BRIDGE NO.: 6
	OVER: THE LAMOILLE RIVER
FILE NAME: /strl/90j067/sj067ut.dgn	PLOT DATE: 02-SEP-2005
PROJECT MANAGER: R. WHITCOMB	DRAWN BY: S. MAGNAN
DESIGNED BY: C. MEUNIER	IPARM NAME: sc067dr.i
BRIDGE SHEET NUMBER:	SHEET 16 OF 73