549.63 17' Lt
DI Grate Elevation

550

545

543.3

550.109

0+00

543.7
15' Lt

Grade =

544.1
15' Rt

549.76
DI Grate Elev
17' Rt

18+27.5

To Same Lines

DS 110

14+50
New 18" x 30' PCCSP
See Book 2 Pg 75

TE DI (Rt)

DI $\frac{17.5 \times 6}{27}$ = 3.9

Pipe $\frac{41.5 \times 3.6}{27}$ = 5.5

9.4 C.Y. PN 13JAN93
1-13-93

Pipe		DI		
0+00 7.38'		26	16.8	
	3.60			2.44
0+13 7.56'		30	16.2	
			25.2	
0+26 6.66'		32	30.00	
	3.42			2.04

Total TE 11.50 CY

TE DI $1.5\left(4 \times 6 \times \frac{1}{27}\right)$ = 1.3

TE DI $\frac{25 \times 6}{27}$ = 56 C.Y.

TE Pipe $\frac{118 \times 5.6}{27}$ = 24.5

~~33.4~~ C.Y. PN 13JAN93
31.4
1-13-93

578.49

18+94 Lt

Begin New 30 x 136 PCCSP
End New 48 x 120 PCCSP

18+94

New 42 x 28 PCCSP (Book 2 Pg 147)

570

TE = $\frac{5.6 \times 116.3}{27}$ = 24.1

Extra Volume 0.5 = $\frac{0.5 \times 24 \times 6.0}{27}$ = -2.5

DI $\frac{27}{27}$

8 x $\frac{39}{27}$ = 10.1

5' 8 x 28 x $\frac{1.5}{27}$ = 0.7

32.6 CY

MB 8-1-92

560.74

Grate Elev 560.28 @ 17' Lt

Grade = 1.333

Grate Elev 560.41 17' Rt

560

553.7
16' Lt

15+72
New 18" x 30' PCCSP
See Book 2 Page 87

DS 125

559.1
15' Rt

Pipe

TE = $\frac{4.3 \times 73.3}{27}$ = 10.8

Extra Volume 0.5 = $\frac{0.5 \times 28 \times 4.1}{27}$ = -2.0

DI Rt

6 x $\frac{22.5}{27}$ = 5.0

5' 6 x 28 x $\frac{1.5}{27}$ = 0.1

13.9 CY

MB 8-1-92

14+00

13+65 ~ 14+50 Lt
New 18" x 88'
See Book 2 Page 57

DS 085

542.20
Grate Elevation
Face of Curb
17' Lt 13+65

3.48'

541.8

Face of Curb
17' Rt 13+45
540.77 = Grate Elev

8'

536.0
535.5

13+45 Rt ~ 13+65 Lt
13+53.2 (Askew 59° 32' Lt.)
New 18 x 36
See Book 2 Page 47

DS075

15' Rt
535.0
534.4

Pipe TE $\frac{80 \times 3.6}{27}$ = 10.7 CY

DI TE $\frac{27.5 \times 6}{27}$ = 6.1 CY.

16.8 = CY. PN 13JAN93
1-13-93

TE Pipe $\frac{46.5 \times 3.6}{27}$ = 6.2

DI $\frac{26.8 \times 6}{27}$ = 4.8

11.0 CY. PN 13JAN93
1-13-93

554.47

547.7

15+00

558.85

Fl 552.2

555

15+50

TE DI (Lt)

0	41.7'	4.13 CY
3	32.7'	
	24.0'	2.27 CY
6	16.8'	
		6.40 CY

Pipe			
6	10.0	10.08	3.60 CY
	16.5	8.66	
16	32.5	6.66	4.53
		8.17	

Total TE = 14.57 CY

14+50 - 15+72
New 18" x 122
See Book 2 Page 79

DS 115

Scale

Montpelier MEGCM6400 (1)
Drainage Sheet #8

FINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TRAVERSE
AREAS
AREAS CHECKED
DATE
BY

ORIGINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TRAVERSE
AREAS
AREAS CHECKED
DATE
BY