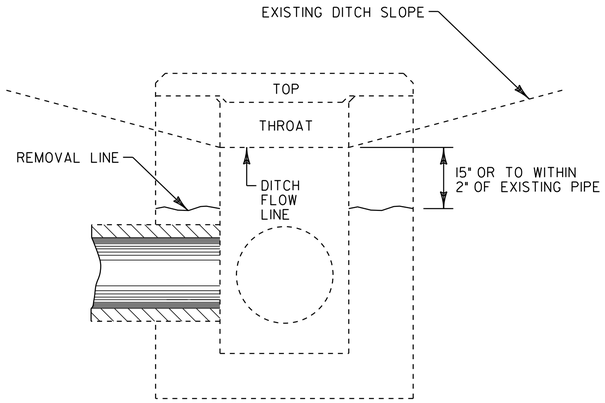
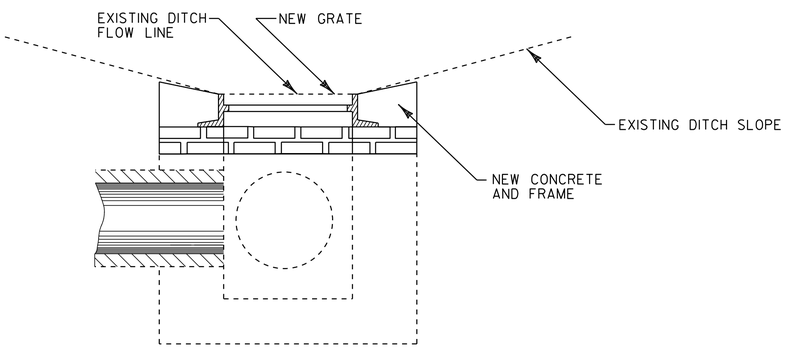
EXISTING CULVERT INVENTORY TABLE

STATION (MM)	CULVERT SIZE)	CULVERT MATERIAL	APPROX. DEPTH (FT)	COMMENT
SHELDON				
2.626	10'x10'	CONC. BOX	50	BR #4
2.872	72"	CGMPAC	3	BR #5
3.148	24"	CSP	4.5	
3.191	24"	RCP	4.5	
3.418	24"	RCP	15	
3.534	18"	CSP	4.5	
3.574	18"	RCP	4.5	
3.630	4'x5'	CONC. BOX	3	BR #7
3.658	54"	RCP	7.5	BR #8
3.705	36"	CMP	4	
3.820	24"	RCP	4	
3.889	-	CMP	4	
3.951	18"	CPEP	-	
3.999	15"	-	-	
4.056	4'X6'	CONC. BOX	2	BR #9
4.539	24"	RCP	4.5	
4.582	18"	RCP	5	
4.651	18"	RCP	5	
4.756	9'X6'	CONC. BOX	4	BR #11
4.787	18"	RCP	5	
5.198	24"	RCP	10	
5.291	24"	RCP	10	
5.425	-	-	-	
5.738	-	-	5	
5.831	12"	RCP	9	
5.902	18"	RCP	8	
5.978	15"	CMP	-	
6.134	18"	CMP	4	
6.188	48"	CMP	4.5	
6.295	24"	CMP	5	
6.386	18"	CMP	2	
6.508	18"	CMP	3.5	
6.609	48"	CMP	1.5	
6.754	24"	CMP	2	

STATION (MM)	CULVERT SIZE	CULVERT MATERIAL	APPROX. DEPTH (FT)	COMMENT
SHELDON (CONT.)				
6.878	24"	CMP	3.5	
7.061	48"	PCCSP	6	BR #11A
7.173	36"	CMP	-	
7.232	10'X8'	REINF. CONC. BOX	-	BR #12
7.459	24"	CMP	6	
7.699	18"	CMP	4	
8.227	18"	CMP	6	
8.309	48"	RCP	2.5	BR #12A
8.418	36"	CMP	6.5	
8.782	12"	CMP	-	
8.860	72"	ACCGMP	4.5	BR #13
8.991	18"	CMP	4	
9.174	12'X5.5'	CONC. SLAB	2.5	BR #14
9.281	18"	CMP	4	
9.473	30"	CMP	2.5	
9.509	12"	CMP	5	
9.527	15"	CMP	6	
9.664	-	-	5	
9.759	18"	CMP	3.5	
9.944	15"	CMP	3.5	
10.044	6'X5'	CONC. BOX	3	BR #15
10.336	42"	CMP	5.5	
10.432	15"	CMP	3	
10.555	18"	CMP	2	
10.605	6'X7'	CONC. SLAB	5	BR #16
10.721	18"	RCP	2	
10.941	18"	CMP	4.5	
ENOSBURG				
0.044	18"	CMP	4.5	
0.083	18"	CPEP	3	
0.169	18"	RCP	4	
0.298	12'X12'	CONC. BOX	9	BR #17
0.430	-	-	-	



THROAT D.I. TOP REMOVAL



NEW D.I. TOP PLACEMENT

DRAINAGE STRUCTURE TABLE

MM	OFFSET	NO. OF STRUCTURES	DESCRIPTION
SHELDON			
2.596	LT	1	DI
2.597	RT	1	DI
2.952	LT	1	DI
4.977	LT	1	THROAT DI
5.029	LT	1	THROAT DI
7.114	RT	1	DI
7.168	RT	1	DI
7.181	RT	1	MH
8.783	LT	1	DI
ENOSBURG			
0.391	RT	1	DI
0.424	LT	1	DI

NOTES:

1. REMOVE THROAT DROP INLET TOPS, PEDESTALS AND DROP INLET WALLS TO ACCOMMODATE NEW BRICKS, D.I. COVERS, FRAMES AND GRATES TO MAINTAIN EXISTING DITCH FLOW LINES (SEE VAOT STANDARD D-8 FOR EXISTING D.I. DETAILS).
2. REDUCE BRICK COURSES AS NECESSARY TO MAINTAIN EXISTING DITCH FLOW LINE.
3. SEE VAOT STANDARDS D-6 FOR CONCRETE TOP DETAIL AND D-16 FOR GRATE DETAIL.
4. ALL REMOVAL AND RECONSTRUCTION, INCLUDING ALL MATERIALS, LABOR AND INCIDENTALS SHALL BE PAID FOR UNDER ITEM 604.412, 604.415 OR 604.418 AS DIRECTED BY THE VAOT RESIDENT ENGINEER.
5. THESE DETAILS MAY NOT DEPICT ALL EXISTING CONDITIONS FOR ALL EXISTING D.I.'S. REHABILITATION MAY VARY, AS DIRECTED BY THE RESIDENT ENGINEER.

Stantec

CULVERT INVENTORY & STRUCTURE DETAIL SHEET

PROJECT NAME: SHELDON-ENOSBURG
PROJECT NUMBER: STP 2714(1)

FILE NAME: p07b180.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p07b180csd.i

PLOT DATE: 07-NOV-2011 16:46
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 29 OF 29