

NEW DRAINAGE PIPES		
PIPE #	LOCATION	COMMENTS
337	XO 0+974.3 RT - XO 1+040.0 RT	900 mm X 85.9 m PIPE OPTION 2
339	NB 9+560.0 RT-LT	450 mm X 24.7 m PIPE OPTION 3
340	NB 9+560.0 LT - XO 0+974.3 RT	450 mm X 28.0 m PIPE OPTION 1
341	XO 0+884.0 RT - XO 0+974.3 RT	900 mm X 88.6 m PIPE OPTION 2
343	NB 9+650.0 RT-LT	450 mm X 26.2 m PIPE OPTION 3
344	NB 9+650.0 LT - XO 0+884.0 RT	450 mm X 29.5 m PIPE OPTION 1
345	NB 9+650.0 LT - NB 9+712.2 LT	900 mm X 75.4 m PIPE OPTION 2
346	NB 9+712.9 LT - NB 9+737.2 LT	1200 mm X 17.7 m PIPE OPTION 2 CONSTRUCT STONE FILL TYPE I OUTLET PAD.

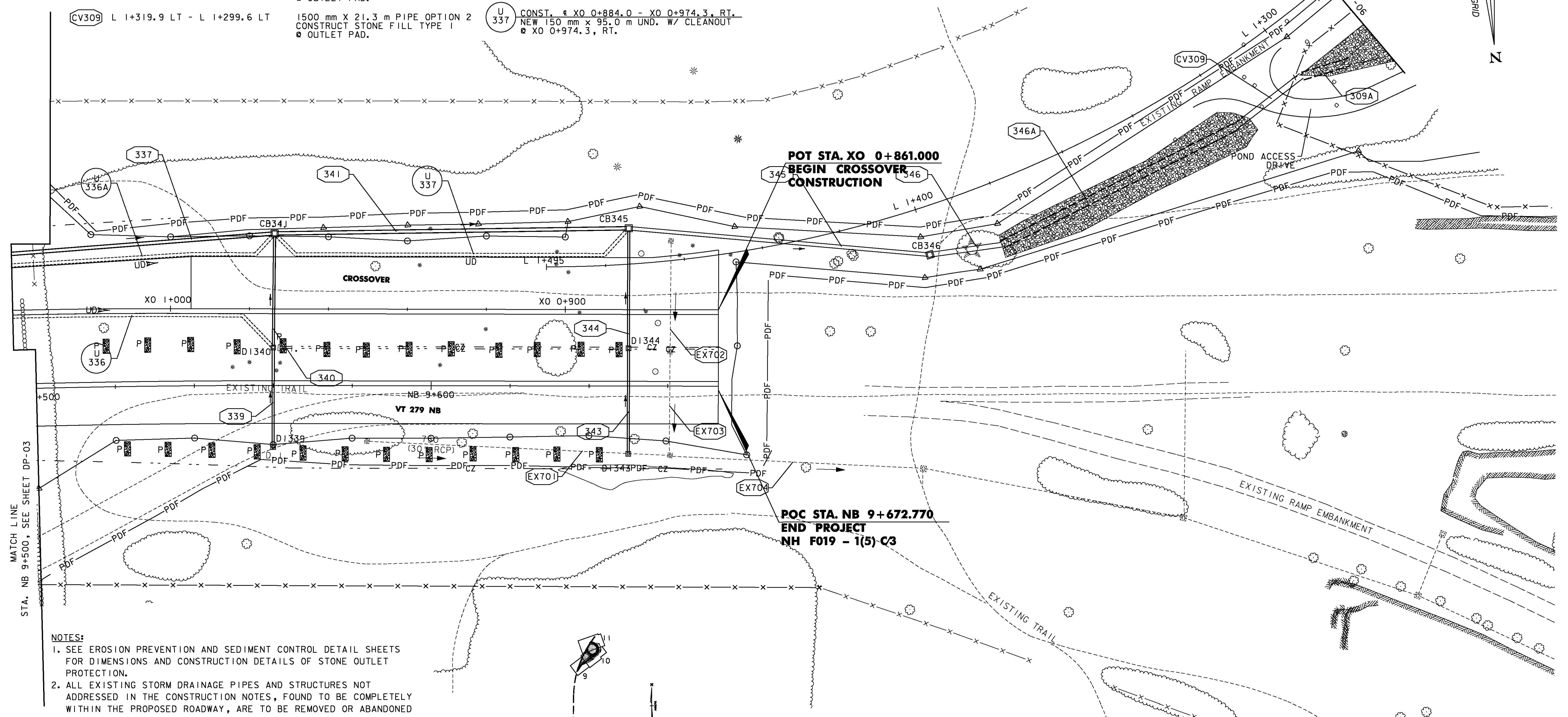
CV309	L 1+319.9 LT - L 1+299.6 LT	1500 mm X 21.3 m PIPE OPTION 2 CONSTRUCT STONE FILL TYPE I OUTLET PAD.
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NEW DRAINAGE STRUCTURES		
STRUCTURE #	LOCATION	COMMENTS
D1339	NB 9+560.0 RT	TYPE B GRATE
D1340	NB 9+560.0 LT	TYPE B GRATE
D1343	NB 9+650.0 RT	TYPE B GRATE
D1344	NB 9+650.0 LT	TYPE B GRATE
CB341	XO 0+974.3 RT	TYPE B GRATE
CB345	XO 0+884.0 RT	TYPE B GRATE
CB346	NB 9+712.8 LT	TYPE B GRATE

UNDERDRAIN		
STRUCTURE #	LOCATION	COMMENTS
U 336	CONST. NB 9+495.0 - NB 9+560.0, LT.	NEW 150 mm x 94.0 m UND.
U 336A	CONST. XO 0+974.3 - XO 1+040.0, RT.	NEW 150 mm x 90.0 m UND.
U 337	CONST. XO 0+884.0 - XO 0+974.3, RT.	NEW 150 mm x 95.0 m UND. W/ CLEANOUT XO 0+974.3, RT.

EXISTING DRAINAGE PIPES		
PIPE #	LOCATION	COMMENTS
EX701	NB 9+584.9 RT - NB 9+661.2 RT	REMOVE EXISTING PIPE & INLET STRUCTURE
EX702	NB 9+659.8 LT - NB 9+660.3 LT	REMOVE EXISTING PIPE & INLET STRUCTURE
EX703	NB 9+660.3 LT - NB 9+661.2 RT	REMOVE EXISTING PIPE & INLET STRUCTURE
EX704	NB 9+661.2 RT - NB 9+727.2 RT	REMOVE 20 M OF EXISTING PIPE & INLET STRUCTURE. PLUG & ABANDON REMAINDER

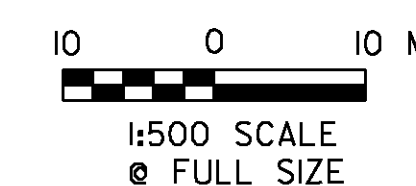
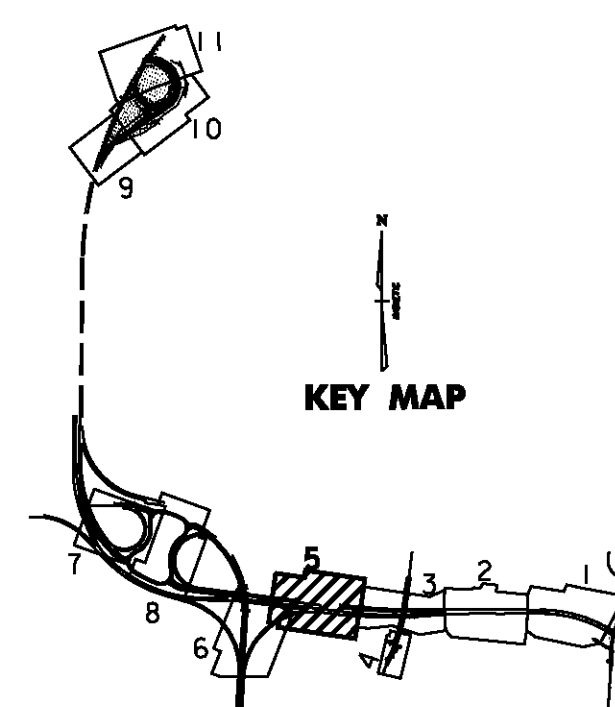
STORMWATER MANAGEMENT		
STRUCTURE #	LOCATION	COMMENTS
346A	L 1+382.9 LT - L 1+319.9 LT	CONST. SWALE W/ STONE FILL, TYPE II (SEE SHEET SWM-1 FOR DETAILS)
309A	L 1+299.6 LT - L 1+288.7 LT	CONST. SWALE W/ STONE FILL, TYPE II (SEE SHEET SWM-1 FOR DETAILS)



**POT STA. XO 0+861.000
BEGIN CROSSOVER
CONSTRUCTION**

**POC STA. NB 9+672.770
END PROJECT
NH F019 - 1(5)-C3**

- NOTES:**
- SEE EROSION PREVENTION AND SEDIMENT CONTROL DETAIL SHEETS FOR DIMENSIONS AND CONSTRUCTION DETAILS OF STONE OUTLET PROTECTION.
 - ALL EXISTING STORM DRAINAGE PIPES AND STRUCTURES NOT ADDRESSED IN THE CONSTRUCTION NOTES, FOUND TO BE COMPLETELY WITHIN THE PROPOSED ROADWAY, ARE TO BE REMOVED OR ABANDONED AS DIRECTED BY THE ENGINEER.
 - EXISTING DRAINAGE PIPES FROM OFFSITE SYSTEMS ARE TO BE TIED INTO THE PROPOSED DRAINAGE SYSTEM AS SHOWN. ANY EXISTING DRAINAGE PIPES ENCOUNTERED DURING CONSTRUCTION WHICH ARE NOT SHOWN ON THE PLANS BUT WHICH DO ORIGINATE FROM OTHER OFFSITE SYSTEMS ARE TO BE CONNECTED TO THE PROPOSED DRAINAGE SYSTEM AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE MADE AS EXTRA WORK AND WILL BE COVERED UNDER ITEM 109.06 OF THE VTTRANS SPECIFICATIONS.
 - PIPE STATIONING REFLECTS BREAKS AT SHEET MATCHLINES. PIPE LENGTHS REFLECT ACTUAL PIPE SEGMENTS & MATCH THE SUMMARY SHEETS.



VERMONT AGENCY OF TRANSPORTATION



PROJECT NAME: BENNINGTON
PROJECT NUMBER: AC NH 019-1(53)

FILE NAME: ...\\zd307c3drn.plans.ptf
DESIGN SUPERVISOR: GREG EDWARDS
DESIGNED BY: MARC FOISY
DRAINAGE PLAN DP-05

PLOT DATE: 5/16/2011
DRAWN BY: STANTEC
CHECKED BY: GARY SANTY
SHEET 96 OF 577