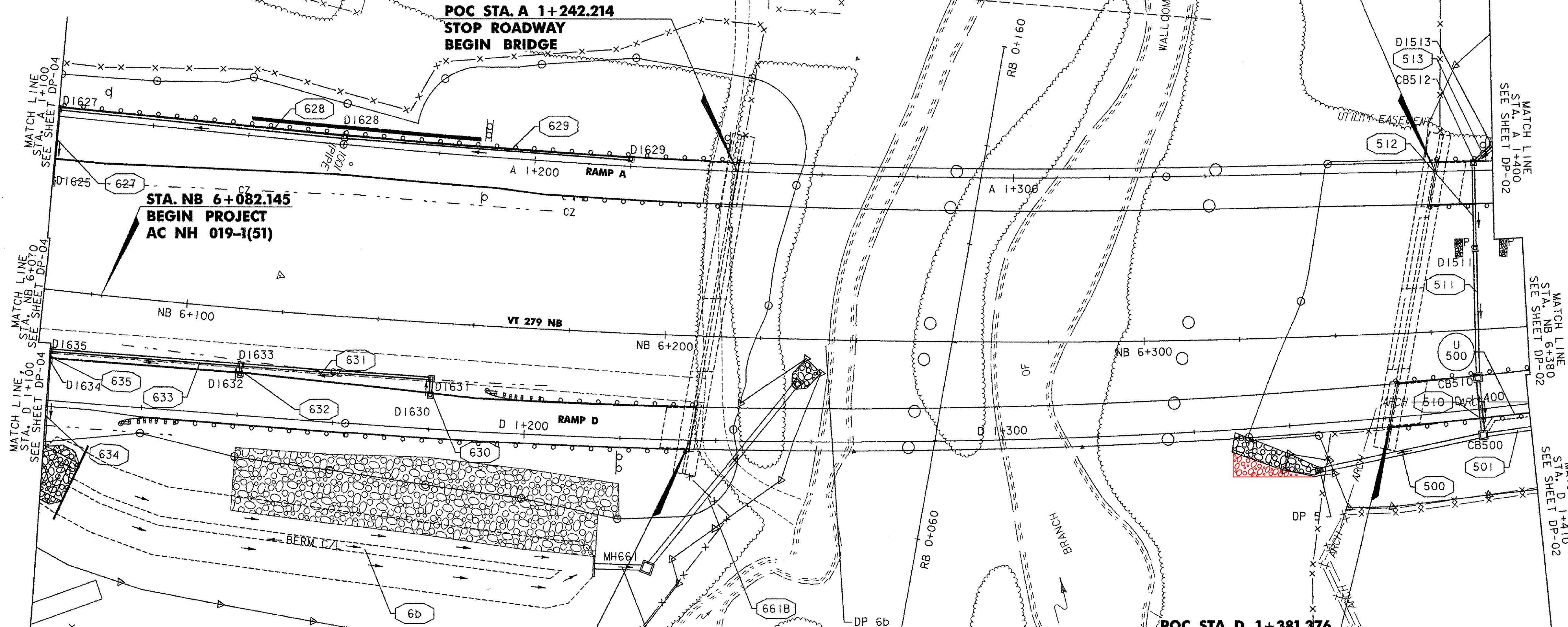


NEW DRAINAGE PIPES					
PIPE #	LOCATION	COMMENTS	PIPE #	LOCATION	COMMENTS
627	A I+100.0 LT-RT	450 X 13.7 m CPEP (SL)	634	D I+100.0 LT-RT	450 X 16.9 m PIPE OPTION 2 CONST. REINFORCED STRAIGHT CONCRETE HEADWALL @ OUTLET CONST. OUTLET DITCH CONST. STONE OUTLET PROTECTION
510	D I+400.0 LT-RT	600 X 9.7 m PIPE OPTION 1	635	D I+100.0 LT	450 X 1.3 m PIPE OPTION 3
511	D I+400.0 LT	600 X 24.5 m PIPE OPTION 1	632	D I+140.0 LT	450 X 1.3 m CPEP (SL)
512	A I+396.0 LT-RT	450 X 16.5 m PIPE OPTION 1	631	D I+140.0 - D I+180.0 LT	450 X 39.3 m PIPE OPTION 3
513	A I+396.0 - A I+400.0 LT	450 X 4.6 m PIPE OPTION 1	630	D I+180.0 LT	450 X 2.7 m CPEP (SL)
628	A I+100.0 - A I+160.0 LT	450 X 58.8 m PIPE OPTION 3	661A	D I+215.2 - D I+226.4 RT	1050 X 10.6 m PIPE OPTION 2 CONST. REINFORCED STRAIGHT CONCRETE HEADWALL @ INLET
629	A I+160.0 - A I+220.0 LT	450 X 58.8 m PIPE OPTION 3	661B	D I+226.4 RT - D I+263.2 LT	1050 X 46.3 m PIPE OPTION 2 CONST. END SECTION AND STONE CONST. OUTLET DITCH
500	<del>D I+366.0 - D I+400.0 RT</del> D I+359.9	900 X 34.0 m PIPE OPTION 2 CONST. END SECTION AND STONE FILL TYPE I @ OUTLET	501	D I+400.0 RT - D I+475.8 RT	750 X 74.9 m PIPE OPTION 2
633	D I+100.0 - D I+140.0 LT	450 X 39.4 m PIPE OPTION 3			

STORMWATER MANAGEMENT		
STRUCTURE #	LOCATION	COMMENTS
6b	D I+100.0 - D I+215.2 RT	CONST. VEG. SWALE 6b (SWM-01)

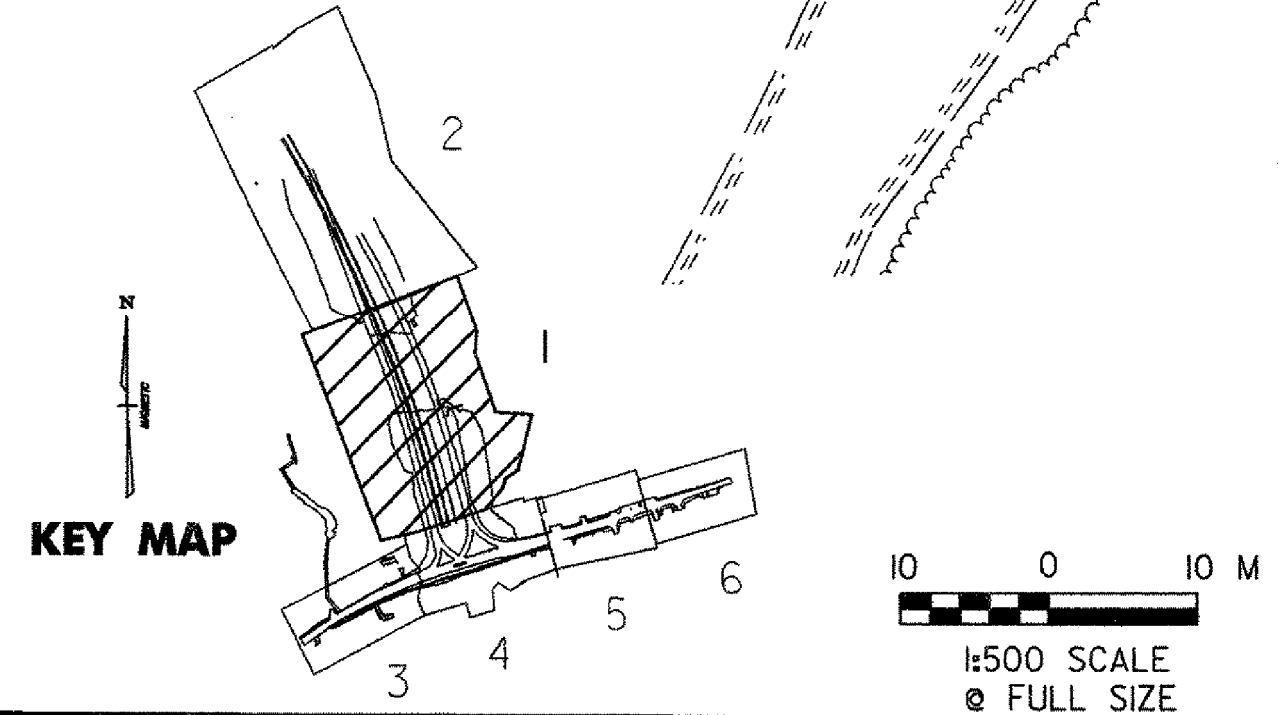
  

UNDERDRAIN	
STRUCTURE #	COMMENTS
U 500	CONST. D I+400.0 - D I+470.0 RT. NEW 150 X 70.0 m UND. W/FLUSHING BASIN @ D I+470.0, RT.



LEGEND	
	STORM DRAIN (SHOWING DIRECTION OF FLOW)
	UNDERDRAIN (SHOWING DIRECTION OF FLOW)
	DROP INLET (1200 X 1200)
	DROP INLET (1200 X 1800)
	CATCH BASIN
	UNDERDRAIN FLUSHING BASIN
	STORM DRAIN WITH HEADWALL
	STORM DRAIN WITH END SECTION
	PERMANENT STONE CHECK DAM, TYPE I

- NOTES:**
- SEE STORMWATER MANAGEMENT DETAILS SWM-02 FOR DIMENSIONS AND CONSTRUCTION DETAIL OF STONE OUTLET PROTECTION.
  - SEE STORMWATER MANAGEMENT DETAILS SHEET 1 FOR DIMENSIONS AND CONSTRUCTION DETAILS OF VEGETATED TREATMENT SWALE 6b.
  - PROPOSED STORMWATER AND UNDERDRAIN PIPES WHICH CROSS MATCHLINES ARE NOTED ON THE FIRST SHEET ON WHICH THEY APPEAR. CALL OUTS WILL SHOW UP ON EACH SHEET THAT THEY APPEAR.



NEW DRAINAGE STRUCTURES		
STRUCTURE #	LOCATION	COMMENTS
D1625	A I+100.0 RT	TYPE A GRATE
D1627	A I+100.0 LT	TYPE B GRATE
D1628	A I+160.0 LT	TYPE B GRATE
D1629	A I+220.0 LT	TYPE B GRATE
CB512	A I+396.0 LT	TYPE B GRATE
CB511	A I+396.0 RT	TYPE B GRATE
D1513	A I+400.0 LT	TYPE B GRATE
D1634	D I+100.0 LT	TYPE A GRATE
D1635	D I+100.0 LT	TYPE A GRATE
D1633	D I+140.0 LT	TYPE B GRATE
D1632	D I+140.0 LT	TYPE B GRATE
D1630	D I+180.0 LT	TYPE B GRATE
D1631	D I+180.0 LT	TYPE B GRATE
MH661	D I+226.4 RT	COVER
CB500	D I+400.0 RT	TYPE B GRATE
CB510	D I+400.0 LT	TYPE B GRATE

**VERMONT AGENCY OF TRANSPORTATION**

PROJECT NAME: BENNINGTON	PLOT DATE: 1/30/2009
PROJECT NUMBER: AC NH 019-1(51)	DRAWN BY: STANTEC
FILE NAME: ...z3d307cldr_n_plans_500.pff	DESIGNED BY: MARC FOISY
DESIGN SUPERVISOR: GREG EDWARDS	CHECKED BY: GARY SANTY
<b>DRAINAGE PLAN DP-01</b>	SHEET 74 OF 367

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