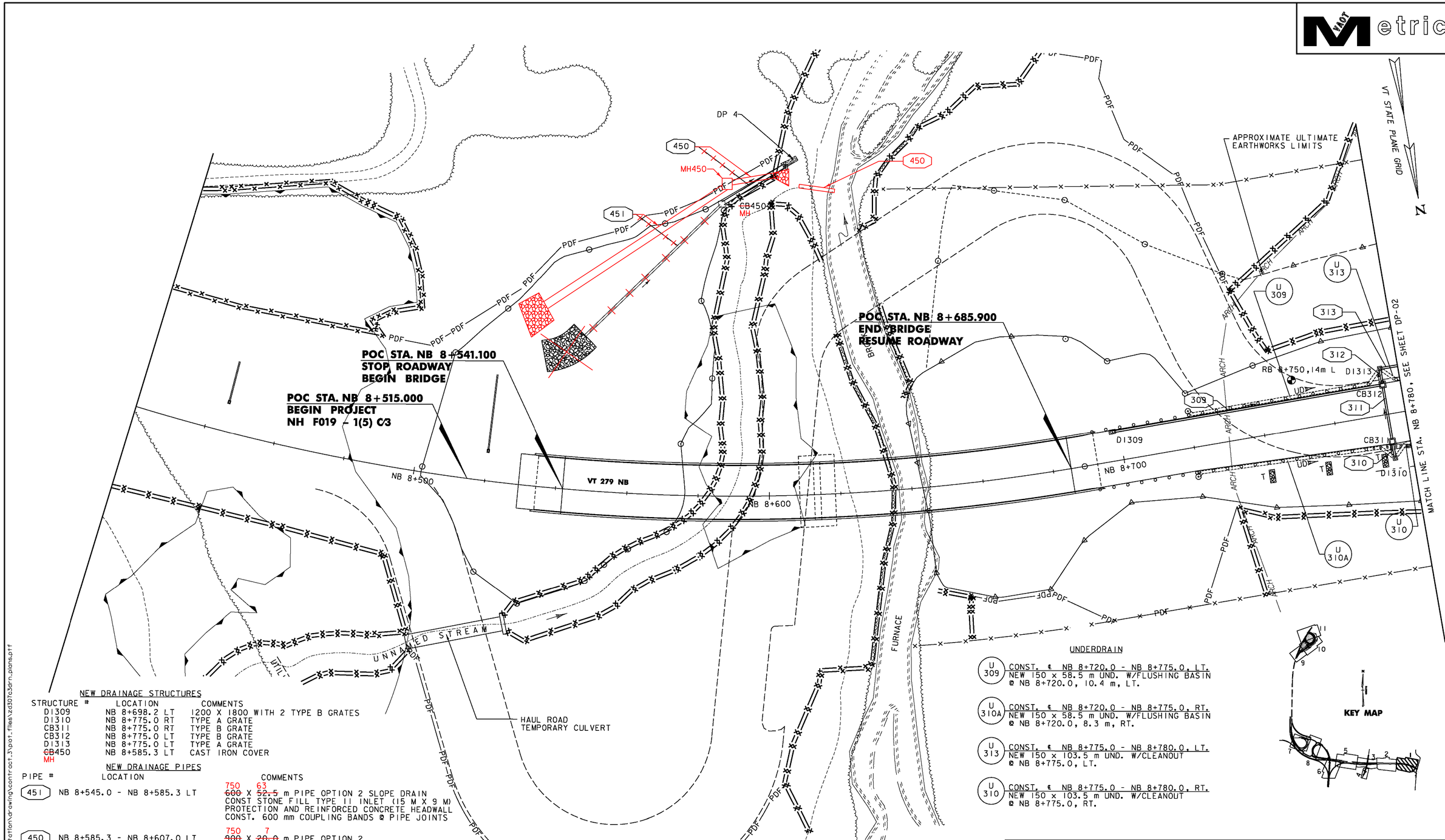

NEW DRAINAGE STRUCTURES

STRUCTURE #	LOCATION	COMMENTS
D1309	NB 8+698.2 LT	1200 X 1800 WITH 2 TYPE B GRATES
D1310	NB 8+775.0 RT	TYPE A GRATE
CB311	NB 8+775.0 RT	TYPE B GRATE
CB312	NB 8+775.0 LT	TYPE B GRATE
D1313	NB 8+775.0 LT	TYPE A GRATE
~~CB~~450 MH	NB 8+585.3 LT	CAST IRON COVER

NEW DRAINAGE PIPES

PIPE #	LOCATION	COMMENTS
451	NB 8+545.0 - NB 8+585.3 LT	~~600~~ 750 X ~~52.5~~ 63 m PIPE OPTION 2 SLOPE DRAIN CONST STONE FILL TYPE II INLET (15 M X 9 M) PROTECTION AND REINFORCED CONCRETE HEADWALL CONST. 600 mm COUPLING BANDS @ PIPE JOINTS
450	NB 8+585.3 - NB 8+607.0 LT	~~900~~ 750 X ~~20.0~~ 7 m PIPE OPTION 2 OUTLET CONST. STONE FILL TYPE II OUTLET PROTECTION (1.8 M X 3.6 M)
309	NB 8+698.2 - NB 8+775.0 LT	450 X 75.8 m PIPE OPTION 3
310	NB 8+775.0 RT	450 X 3.8 m PIPE OPTION 1
311	NB 8+775.0 LT-RT	450 X 15.0 m PIPE OPTION 1
312	NB 8+775.0 LT	450 X 3.7 m PIPE OPTION 3
313	NB 8+775.0 - NB 8+780.0 LT	450 X 99.5 m PIPE OPTION 3

UNDERDRAIN

U 309 CONST. ℄ NB 8+720.0 - NB 8+775.0, LT. NEW 150 x 58.5 m UND. W/FLUSHING BASIN @ NB 8+720.0, 10.4 m, LT.

U 310A CONST. ℄ NB 8+720.0 - NB 8+775.0, RT. NEW 150 x 58.5 m UND. W/FLUSHING BASIN @ NB 8+720.0, 8.3 m, RT.

U 313 CONST. ℄ NB 8+775.0 - NB 8+780.0, LT. NEW 150 x 103.5 m UND. W/CLEANOUT @ NB 8+775.0, LT.

U 310 CONST. ℄ NB 8+775.0 - NB 8+780.0, RT. NEW 150 x 103.5 m UND. W/CLEANOUT @ NB 8+775.0, RT.

NOTES:

1. FOR DIMENSIONS AND CONSTRUCTION DETAILS OF STONE OUTLET PROTECTION REFER TO DRAINAGE DETAILS DD-2.
2. PIPE STATIONING REFLECTS BREAKS AT SHEET MATCHLINES. PIPE LENGTHS REFLECT ACTUAL PIPE SEGMENTS & MATCH THE SUMMARY SHEETS.
3. SEE SHEET DD-1 FOR PIPE CONNECTION COLLAR DETAIL.

10 0 10 M
1:500 SCALE @ FULL SIZE

VERMONT AGENCY OF TRANSPORTATION

Stantec

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-01

PLOT DATE: 5/16/2011
DRAWN BY: STANTEC
CHECKED BY: GARY SANTY
SHEET 92 OF 577

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