LOCATION			GUARDRAIL											DROP INLETS		DRAINAGE				MISCELLANEOUS					REMARKS
STATION	STATION	POS.	616.31 BIT. CURB TYPE B		621.20 STEEL BEAM GUARDRAIL GALVANIZED	621.205 STEEL BEAM GUARDRAIL GALVANIZED 8' POSTS	621.21 H.D. STEEL BEAM GUARDRAIL GALVANIZED	621.50 M.T.S. FLARED	621.51 M.T.S. TANGENT	621.60 ANCHOR FOR G.R.	621.70 APPR. SECTION GALVANIZED TYPE I	621.71 APPR. SECTION GALVANIZED TYPE II	621.80 REMOVE & DISP. G.R.	621.81 REMOVE & DISP. G.P.	604.40 CHANGE ELEVATION DI, CB, OR MH	604.412 REHAB. DI, CB OR MH, CLASS I								
CHESTER			TON		LF	LF	LF	EA	EA	EA	EA	EA	LF	EA	EA	EA								
225+45	513+16	LT&RT													2	1									FOR LOCATIONS SEE LAYOUT SHEETS. ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
238+36	241+11	LT			275.0			2					353.0												MTS (FLARED) @ 238+36, MTS (FLARED) @ 241+11
272+25	274+32	LT			207.0			1					222.0												MTS (FLARED) @ STA 272+25, ATTACH TO EXISTING GUARDRAIL AT FIRST SPLICE ON BRIDGE ON TH 50 (17.0' FROM EP).
274+60	290+35	LT			1575.0								1142.0												ATTACH TO EXISTING GUARDRAIL AT 274+60 AND 290+35 SEE PAVING LAYOUTS FOR POST SPACING DETAIL AT UTILITY POLES
290+60	293+67	LT			307.0			1					352.0												ATTACH TO EXISTING GUARDRAIL AT 9.6' FROM EP ONTO TH 118, MTS (FLARED) @ STA 293+67. SEE PAVING LAYOUTS FOR POST SPACING DETAIL AT UTILITY POLES
294+40	299+78	LT			537.5			1		1			424.0												ANCHOR @ 294+40 (INSTALL 1-16' RADIUS PANEL), MTS (FLARED) @ 299+78 SEE PAVING LAYOUTS FOR POST SPACING DETAIL AT UTILITY POLES
303+95	305+70	LT			175.0			2					263.0												MTS (FLARED) @ 303+95, MTS (FLARED) @ 305+70
315+38	323+88	LT			850.0			1																	MTS (FLARED @ 315+38, ATTACH TO EXISTING GUARDRAIL TH 18
324+13	330+00	LT			600.0			1					646.0	4											ATTACH TO EXIST. GUARDRAIL AT FIRST SPLICE ON TH 18, MTS (FLARED) @ 330+00
336+39	350+64	LT			1425.0			1		1			1016.0												ANCHOR @ 336+39 (INSTALL 1-16' RADIUS PANEL), MTS (FLARED) @350+64
351+33	370+47	LT			1700.0	225.0		1					898.0												ATTACH TO EXIST. G.R. TH77, MTS (FLARED) @ 370+47, 8' POSTS FROM 355+69 TO 356+95, 358+30 TO 359+30
374+99	381+99	LT			700.0			2					777.0												MTS (FLARED) @ 374+99, MTS (FLARED) @ 381+99
383+49	397+86	LT	12.3		1437.5			2					1510.0												MTS (FLARED) @ 383+49, MTS (FLARED) @ 397+86, BIT. CURB 390+00 - 397+42
390+37	397+37	RT			700.0			2					769.0												MTS (FLARED) @ 390+37, MTS (FLARED) @ 397+37
425+54	430+79	LT			525.0			2					489.0												MTS (FLARED) @ 425+54, MTS (FLARED) @ 430+79
432+96	436+96	LT			400.0			2					474.0												MTS (FLARED) @ 432+96, MTS (FLARED) @ 436+96
440+44	443+19	LT	4.3		262.5			1				1	313.0												MTS (FLARED) @ 440+44, APPROACH SECTION TYPE II 443+06 TO 443+19 (ATTACH TO EXISTING BRIDGE RAIL), BIT. CURB 440+60 - 443+20
442+27	443+77	RT			100.0			1			1		192.0												MTS (FLARED) @ 442+27, APPROACH SECTION TYPE I 443+27 TO 443+77 (ATTACH TO EXISTING BRIDGE RAIL)
447+11	447+99	LT			37.5			1			1		121.0												APPROACH SECTION TYPE I 447+11 TO 447+61 (ATTACH TO EXIST. BRIDGE RAIL) MTS (FLARED) @ 447+99
447+69	459+19	RT			1137.5			1				1	1196.0												APPROACH SECTION TYPE II 447+69 TO 447+82 (ATTACH TO EXIST. BRIDGE RAIL) MTS (FLARED) @ 459+19
460+03	465+15	LT			512.5			2					591.0												MTS (FLARED) @ 460+03, MTS (FLARED) @ 465+15
461+18	466+18	RT			500.0			2					575.0												MTS (FLARED) @ 461+18, MTS (FLARED) @ 466+18
476+05	478+67	RT			262.5			2					340.0												MTS (FLARED) @ 476+05, MTS (FLARED) @ 478+67
482+65	483+65	RT			100.0			2					168.0												MTS (FLARED) @ 482+65, MTS (FLARED) @ 483+65
483+04	484+16	LT			112.5			2					184.0												MTS (FLARED) @ 483+04, MTS (FLARED) @ 484+16
494+26	495+38	RT			62.5			1			1		150.0												MTS (FLARED) @ 494+26, APPROACH RAIL TYPE I 494+88 TO 495+38 (ATTACH TO EXIST. BRIDGE RAIL)
495+63	495+88	LT			12.5					1		1	25.0												ANCHOR @ 495+63 (INSTALL 1-16' RADIUS PANEL), APPROACH RAIL TYPE II 495+76 TO 495+88 (ATTACH TO EXIST. BRIDGE RAIL)
497+16	497+42	RT			12.5					1		1	25.0												APPROACH RAIL TYPE II 497+16 TO 497+29 (ATTACH TO EXIST. BRIDGE RAIL), ANCHOR @ 497+42 (INSTALL 1-16' RADIUS PANEL)
497+66	498+39	LT			25.0					1	1		75.0												APPROACH RAIL TYPE I 497+66 TO 498+16 (ATTACH TO EXIST. BRIDGE RAIL), ANCHOR @ 498+39 (INSTALL 1-16' RADIUS PANEL)
CAVENDISH																									
0+00	197+23	LT&RT													0	0									FOR LOCATIONS SEE LAYOUT SHEETS. ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
8+51	10+88	LT			237.5			2					311.0												MTS (FLARED) @ 8+51, MTS (FLARED) @ 10+88
SHEET 1 SUBTOTAL			16.6		14789.0	225.0		38.0		5.0	4	4	13601.0	4	2	1									

ITEM DETAIL SHEET 1

SURVEYED BY CLD DATE 1/05
DRAWN BY NLL DATE 5/05
SQUAD LEADER CRB
DESIGN FILE NO. /pave/01b038/pb038.dgn
IPARM FILE pb038id01.i DATE PLOTTED 16-OCT-2009 16:4
PROJ. NAME CHESTER - LUDLOW
PROJ. NO. NH 2326(11)S
SHEET 11 OF 110 SHEETS