

REFERENCE COMPUTATION BINDER 646.XX
 646.622 TEMPORARY 6" WHITE LINE, PAINT
 646.426 DURABLE 6" WHITE LINE, RECESSED POLYUREA
 29.995 TO 34.261 SOLID RT
 30.013 TO 45.000 DASHED CL
 34.357 TO 35.384 SOLID RT
 35.408 TO 41.856 SOLID RT
 42.033 TO 44.905 SOLID RT
 646.632 TEMPORARY 6" YELLOW LINE, PAINT
 646.436 DURABLE 6" YELLOW LINE, RECESSED POLYUREA
 30.013 TO 45.000 SOLID LT

REFERENCE COMPUTATION BINDER 676.10
 676.10 DELINEATORS WITH STEEL POST

33.524 RT SB 41.066 LT
 33.539 LT 41.146 LT
 34.117 RT SB 41.222 LT
 35.997 RT 41.305 LT
 40.688 LT SB 41.371 LT
 40.832 RT 41.451 LT
 SB 40.904 LT 41.567 LT
 40.988 LT 41.596 RT

REFERENCE COMPUTATION BINDER 621.XX
 621.70 GUARDRAIL APPROACH
 SECTION, GALVANIZED TYPE I

35.416 TO 35.425 RT
 40.901 TO 40.911 LT
 SB 40.981 TO 40.991 LT

621.71 GUARDRAIL APPROACH
 SECTION, GALVANIZED TYPE II

41.558 TO 41.560 LT
 203.40 SHOULDER BERM REMOVAL
 41.623 TO 41.675 LT
 41.720 TO 41.722 LT

INTERSTATE ROUTE 91 NB
MM 29.995
BEGIN PROJECT
IM 091-1(62)

REFERENCE COMPUTATION BINDER 203.40
 203.40 SHOULDER BERM REMOVAL
 29.995 TO 30.267 RT
 30.648 TO 31.000 RT
 30.921 TO 30.997 LT
 31.115 TO 31.377 LT
 31.150 TO 31.169 RT
 31.844 TO 32.226 LT
 32.302 TO 32.397 LT
 32.502 TO 32.750 RT
 33.531 TO 33.565 RT
 33.631 TO 33.641 LT
 33.669 TO 33.679 LT
 33.773 TO 34.110 RT
 35.090 TO 35.194 RT
 35.109 TO 35.196 LT
 35.232 TO 35.253 LT
 35.370 TO 35.425 LT
 36.424 TO 36.726 RT
 36.527 TO 36.695 LT
 39.337 TO 39.433 RT
 39.643 TO 40.074 LT
 40.230 TO 40.289 LT
 40.350 TO 40.386 LT
 40.502 TO 40.538 RT
 41.506 TO 41.539 LT
 41.559 TO 41.589 RT
 41.797 TO 41.918 RT
 41.844 TO 41.847 LT
 42.099 TO 42.145 LT
 42.462 TO 42.520 RT
 42.724 TO 42.730 LT
 42.727 TO 42.761 RT
 42.860 TO 43.093 RT
 42.949 TO 42.961 LT
 43.279 TO 43.298 RT
 43.362 TO 43.369 RT
 43.613 TO 43.638 LT
 43.896 TO 44.042 LT
 44.515 TO 44.630 RT
 44.657 TO 44.976 LT
 44.697 TO 44.701 RT

30.641 TO 30.648 RT
 30.914 TO 30.921 LT
 31.169 TO 31.176 RT
 31.837 TO 32.570 LT SB
 32.495 TO 32.502 RT
 32.653 TO 32.660 RT SB
 33.524 TO 33.531 RT
 33.574 TO 33.631 LT
 34.110 TO 34.117 RT
 35.080 TO 35.090 RT
 35.102 TO 35.109 LT
 35.251 TO 35.258 RT
 35.416 TO 35.425 RT
 35.990 TO 35.997 RT
 36.417 TO 36.424 RT
 36.520 TO 36.527 LT
 36.695 TO 36.702 LT
 36.726 TO 36.733 RT
 36.827 TO 37.024 RT
 37.270 TO 37.406 RT
 37.563 TO 37.584 RT
 37.780 TO 37.787 RT
 37.898 TO 38.120 RT
 38.303 TO 38.978 RT
 39.330 TO 39.540 RT
 39.629 TO 40.081 LT
 40.220 TO 40.230 LT
 40.256 TO 40.426 RT
 40.386 TO 40.393 LT
 40.495 TO 40.502 RT
 40.689 TO 40.814 LT
 40.841 TO 40.896 RT
 SB 40.891 TO 40.908 LT
 SB 40.891 TO 40.911 LT
 SB 40.981 TO 41.007 LT

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS
 41.300 TO 41.551 RT
 42.225 TO 42.493 LT
 613.10 STONE FILL, TYPE I REFERENCE COMPUTATION BINDER 613.10
 32.397 LT (4' X 10')
 38.704 RT (4' X 10')
 40.427 RT (3' X 12')
 40.600 RT (4' X 15')

613.11 STONE FILL, TYPE II REFERENCE COMPUTATION BINDER 613.11
 32.505 LT (50' X 12') SLOPE STABILIZATION
 36.787 RT (12' X 8') SLOPE STABILIZATION

REFERENCE COMPUTATION BINDER 621.XX
 621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
 40.983 TO 41.007 LT
 40.593 TO 40.600 RT
 41.212 TO 41.227 LT
 41.212 TO 41.227 LT
 41.300 TO 41.311 LT
 41.300 TO 41.311 LT
 41.300 TO 41.532 RT
 41.470 TO 41.506 LT
 41.558 TO 41.568 LT
 41.589 TO 41.596 RT
 41.604 TO 41.623 LT
 41.675 LT (94 FT) (CABLE)
 41.720 LT (125 FT) (CABLE)
 41.722 TO 41.730 LT
 41.840 TO 41.847 LT
 41.918 TO 41.925 RT
 42.145 TO 42.152 LT
 42.218 TO 42.493 LT
 42.520 TO 42.527 RT
 42.715 TO 42.724 LT
 42.715 TO 42.727 RT
 42.761 TO 42.768 LT
 42.761 TO 42.768 RT
 42.848 TO 42.860 RT
 42.942 TO 42.949 LT
 43.000 TO 43.007 LT
 43.093 TO 43.100 RT
 43.272 TO 43.279 RT
 43.369 TO 43.376 RT
 43.606 TO 43.613 LT
 44.035 TO 44.057 RT
 44.042 TO 44.049 LT
 44.508 TO 44.515 RT
 44.650 TO 44.657 LT
 44.701 TO 44.708 RT

621.50 MANUFACTURED
 TERMINAL SECTION, FLARED
 30.641 TO 30.648 RT
 30.914 TO 30.921 LT
 31.837 TO 31.844 LT
 32.495 TO 32.502 RT
 33.524 TO 33.531 RT
 33.539 TO 33.546 LT
 35.080 TO 35.088 RT
 35.102 TO 35.109 LT
 36.417 TO 36.424 RT
 36.520 TO 36.527 LT
 36.827 TO 36.834 RT
 37.270 TO 37.277 RT
 37.563 TO 37.570 RT
 37.898 TO 37.905 RT
 38.303 TO 38.310 RT
 39.330 TO 39.337 RT
 39.629 TO 39.636 LT
 40.220 TO 40.227 LT
 40.256 TO 40.263 RT
 40.495 TO 40.502 RT
 40.688 TO 40.695 LT
 40.832 TO 40.840 RT
 41.059 TO 41.066 LT
 41.146 TO 41.154 LT
 SB 41.364 TO 41.371 LT
 41.451 TO 41.459 LT
 41.587 TO 41.595 LT
 41.840 TO 41.847 LT
 42.218 TO 42.225 LT
 42.715 TO 42.722 RT
 42.715 TO 42.722 LT
 42.848 TO 42.855 RT
 42.942 TO 42.949 LT
 43.272 TO 43.279 RT
 43.606 TO 43.613 LT
 44.033 TO 44.040 RT
 44.508 TO 44.515 RT
 44.650 TO 44.657 LT

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS
 41.300 TO 41.551 RT
 42.225 TO 42.493 LT
 613.10 STONE FILL, TYPE I REFERENCE COMPUTATION BINDER 613.10
 32.397 LT (4' X 10')
 38.704 RT (4' X 10')
 40.427 RT (3' X 12')
 40.600 RT (4' X 15')

613.11 STONE FILL, TYPE II REFERENCE COMPUTATION BINDER 613.11
 32.505 LT (50' X 12') SLOPE STABILIZATION
 36.787 RT (12' X 8') SLOPE STABILIZATION

REFERENCE COMPUTATION BINDER 621.XX
 621.50 MANUFACTURED
 TERMINAL SECTION, FLARED
 30.641 TO 30.648 RT
 30.914 TO 30.921 LT
 31.837 TO 31.844 LT
 32.495 TO 32.502 RT
 33.524 TO 33.531 RT
 33.539 TO 33.546 LT
 35.080 TO 35.088 RT
 35.102 TO 35.109 LT
 36.417 TO 36.424 RT
 36.520 TO 36.527 LT
 36.827 TO 36.834 RT
 37.270 TO 37.277 RT
 37.563 TO 37.570 RT
 37.898 TO 37.905 RT
 38.303 TO 38.310 RT
 39.330 TO 39.337 RT
 39.629 TO 39.636 LT
 40.220 TO 40.227 LT
 40.256 TO 40.263 RT
 40.495 TO 40.502 RT
 40.688 TO 40.695 LT
 40.832 TO 40.840 RT
 41.059 TO 41.066 LT
 41.146 TO 41.154 LT
 SB 41.364 TO 41.371 LT
 41.451 TO 41.459 LT
 41.587 TO 41.595 LT
 41.840 TO 41.847 LT
 42.218 TO 42.225 LT
 42.715 TO 42.722 RT
 42.715 TO 42.722 LT
 42.848 TO 42.855 RT
 42.942 TO 42.949 LT
 43.272 TO 43.279 RT
 43.606 TO 43.613 LT
 44.033 TO 44.040 RT
 44.508 TO 44.515 RT
 44.650 TO 44.657 LT

621.50 MANUFACTURED
 TERMINAL SECTION, FLARED
 30.641 TO 30.648 RT
 30.914 TO 30.921 LT
 31.837 TO 31.844 LT
 32.495 TO 32.502 RT
 33.524 TO 33.531 RT
 33.539 TO 33.546 LT
 35.080 TO 35.088 RT
 35.102 TO 35.109 LT
 36.417 TO 36.424 RT
 36.520 TO 36.527 LT
 36.827 TO 36.834 RT
 37.270 TO 37.277 RT
 37.563 TO 37.570 RT
 37.898 TO 37.905 RT
 38.303 TO 38.310 RT
 39.330 TO 39.337 RT
 39.629 TO 39.636 LT
 40.220 TO 40.227 LT
 40.256 TO 40.263 RT
 40.495 TO 40.502 RT
 40.688 TO 40.695 LT
 40.832 TO 40.840 RT
 41.059 TO 41.066 LT
 41.146 TO 41.154 LT
 SB 41.364 TO 41.371 LT
 41.451 TO 41.459 LT
 41.587 TO 41.595 LT
 41.840 TO 41.847 LT
 42.218 TO 42.225 LT
 42.715 TO 42.722 RT
 42.715 TO 42.722 LT
 42.848 TO 42.855 RT
 42.942 TO 42.949 LT
 43.272 TO 43.279 RT
 43.606 TO 43.613 LT
 44.033 TO 44.040 RT
 44.508 TO 44.515 RT
 44.650 TO 44.657 LT

620.12 CHAIN LINK FENCE, 6'
 620.21 BRACING ASSEMBLY FOR CHAIN-LINK FENCE, 6'
 620.75 SNOW BARRIER GALVANIZED
 38.005 RT - ALONG CONCRETE BOX
 CULVERT TH #22
 38.600 RT - ALONG CONCRETE BOX
 CULVERT TH #20

REFERENCE COMPUTATION BINDER 604.XX
 604.40 CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 604.412-418 REHAB. DROP INLETS, CATCH BASINS,
 OR MANHOLES, CLASS I, CLASS II OR CLASS III
 32.226 LT 38.631 RT
 32.302 LT 38.687 RT
 33.630 RT 38.763 RT
 33.705 RT 38.820 RT
 35.422 RT 38.886 RT
 35.634 RT 41.009 RT
 35.673 RT 41.086 RT
 35.712 RT 41.162 RT
 35.749 RT 41.936 LT
 35.790 RT 41.973 LT
 35.838 RT 42.014 LT
 35.890 RT 43.298 RT
 35.942 RT 43.638 LT
 36.976 RT 43.715 LT
 37.991 RT 43.771 LT
 38.048 RT 43.828 LT
 38.500 RT 44.630 RT
 38.585 RT

NOTE
 1. 36.787 RT RECONNECT SEPARATED PIPE SECTION OF 15" RCP, INCIDENTAL TO
 ITEM 608.25 - ALL PURPOSE EXCAVATOR RENTAL, TYPE I.
 PLACE ITEM 402.13 - AGGREGATE SHOULDERS, RAP UNDER PIPE AND ON SLOPE.
 PLACE ITEM 613.10 - STONE FILL, TYPE IPAD (2.5' x 5.0') AT OUTLET.
 PLACE ITEM 613.11 - STONE FILL, TYPE II ON SLOPE FOR SLOPE STABILIZATION
 PLACE ITEM 649.31 - GEOTEXTILE UNDER STONE FILL
 2. PLACE ADDITIONAL LEVELING AT THE RIGHT SIDE OF THE APPROACH TO
 BRIDGE 25 TO ELIMINATE PONDING OF WATER.
 3. REFER TO STANDARDS E-197, E-198 AND E-199 FOR PLACEMENT GUIDELINES
 FOR TYPE I, TYPE II AND TYPE III DELINEATORS.

REFERENCE COMPUTATION BINDER 621.XX
 621.20 STEEL BEAM GUARDRAIL, GALVANIZED
 31.169 TO 31.176 RT SB
 31.844 TO 32.571 LT
 32.653 TO 32.660 RT
 33.546 TO 33.631 LT
 MEDIAN 33.673 (40')
 34.110 TO 34.117 RT
 35.088 TO 35.090 RT SB
 35.251 TO 35.258 RT
 35.990 TO 35.997 RT
 36.695 TO 36.702 LT
 36.726 TO 36.733 RT
 36.834 TO 37.024 RT
 37.277 TO 37.405 RT
 37.570 TO 37.584 RT
 37.780 TO 37.787 RT
 37.905 TO 38.120 RT
 38.310 TO 38.978 RT
 39.337 TO 39.548 RT
 39.636 TO 40.081 LT
 40.227 TO 40.230 LT
 40.263 TO 40.427 RT
 40.386 TO 40.393 LT
 40.593 TO 40.600 RT
 40.695 TO 40.901 LT
 40.840 TO 40.896 RT
 40.904 TO 40.908 LT
 MEDIAN 40.909 (40')
 MEDIAN 40.983 (40')
 40.983 TO 40.988 LT

201.31 THINNING AND TRIMMING FOR SIGNS
 33.596 RT 33.550 RT
 40.443 RT
 40.638 RT
 40.857 RT
 41.373 RT

201.31 THINNING AND TRIMMING FOR SIGNS
 33.596 RT 33.550 RT
 40.443 RT
 40.638 RT
 40.857 RT
 41.373 RT

INTERSTATE ROUTE 91 NB
MM 44.905
END PROJECT
IM 091-1(62)

BEGIN COLD PLANE & OVERLAY
 MATCH EXISTING PAVEMENT JOINT

WESTMINSTER
 ROCKINGHAM
 BRIDGE #21 N
 MM 31.039
 SAXTONS RIVER
 TH 1
 BRIDGE #22 N
 MM 33.660
 TH 46
 SEE RAMP DETAILS
 SHEETS 20-25
 BRIDGE #23 N
 MM 35.204
 US 5 & VT 103
 BRIDGE #24 N
 1873+14
 (MM 35.476)
 GREEN MTN R.R.
 DURABLE 6" YELLOW
 LINE, RECESSED
 DURABLE 6" WHITE
 LINE, RECESSED (DASHED)
 DURABLE 6" WHITE
 LINE, RECESSED
 REST AREA
 SEE REST AREA
 DETAIL SHEET 7
 ROCKINGHAM
 TOWN LINE
 SPRINGFIELD
 WINDHAM Co.
 WINDSOR Co.
 BRIDGE #25 N
 MM 40.922
 US 5
 BRIDGE #26 N
 MM 41.265
 BLACK RIVER
 BRIDGE #27 N
 MM 41.546
 BIKE PATH
 SEE RAMP DETAILS
 SHEETS 26-31
 BRIDGE #28 N
 MM 41.693
 US 5
 BEGIN COLD PLANE & OVERLAY
 MATCH EXISTING PAVEMENT JOINT

REFERENCE COMPUTATION BINDER 621.XX
 621.60 ANCHOR FOR STEEL BEAM RAIL
 31.176 RT SB 40.904 LT
 32.571 LT 40.988 LT
 32.660 RT SB 41.222 LT
 34.117 RT 41.305 LT
 35.258 RT 41.567 LT
 35.997 RT 41.596 RT
 36.702 LT 41.730 LT
 36.733 RT 41.925 RT
 37.024 RT 42.152 LT
 37.405 RT 42.493 LT
 37.787 RT 42.527 RT
 38.120 RT 42.768 LT
 38.978 RT 42.768 LT
 39.548 RT 43.007 LT
 40.081 LT 43.100 RT
 40.393 LT 43.376 RT
 40.427 RT 44.049 LT
 40.600 RT 44.057 RT
 40.600 RT 44.708 RT

REFERENCE COMPUTATION BINDER
 616.305 BITUMINOUS 616.XX
 CONCRETE CURB, TYPE A
 32.226 TO 32.302 LT
 32.397 TO 32.564 LT
 35.251 TO 35.265 RT
 35.416 TO 35.425 RT
 35.989 TO 35.997 RT
 36.902 TO 37.024 RT
 37.780 TO 37.787 RT
 37.918 TO 38.110 RT
 38.500 TO 38.947 RT
 39.433 TO 39.540 RT
 40.299 TO 40.427 RT
 40.593 TO 40.600 RT
 40.870 TO 40.896 RT
 41.844 TO 41.847 LT
 43.002 TO 43.007 LT

REFERENCE COMPUTATION BINDER 675.XX
 675.50 REMOVING SIGNS
 30.000 RT MM PLAQUE (30)
 31.000 RT MM PLAQUE (31)
 32.000 RT MM PLAQUE (32)
 33.000 RT MM PLAQUE (33)
 34.000 RT MM PLAQUE (34)
 35.000 RT MM PLAQUE (35)
 36.000 RT MM PLAQUE (36)
 37.000 RT MM PLAQUE (37)
 38.000 RT MM PLAQUE (38)
 39.000 RT MM PLAQUE (39)
 40.000 RT MM PLAQUE (40)
 41.000 RT MM PLAQUE (41)
 42.000 RT MM PLAQUE (42)
 43.000 RT MM PLAQUE (43)
 44.000 RT MM PLAQUE (44)

675.20 TRAFFIC SIGNS, TYPE A
 30.000 RT MM PLAQUE (30)
 31.000 RT MM PLAQUE (31)
 32.000 RT MM PLAQUE (32)
 33.000 RT MM PLAQUE (33)
 34.000 RT MM PLAQUE (34)
 35.000 RT MM PLAQUE (35)
 36.000 RT MM PLAQUE (36)
 37.000 RT MM PLAQUE (37)
 38.000 RT MM PLAQUE (38)
 39.000 RT MM PLAQUE (39)
 40.000 RT MM PLAQUE (40)
 41.000 RT MM PLAQUE (41)
 42.000 RT MM PLAQUE (42)
 43.000 RT MM PLAQUE (43)
 44.000 RT MM PLAQUE (44)

REFERENCE COMPUTATION BINDER 604.XX
 604.40 CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 604.412-418 REHAB. DROP INLETS, CATCH BASINS,
 OR MANHOLES, CLASS I, CLASS II OR CLASS III
 32.226 LT 38.631 RT
 32.302 LT 38.687 RT
 33.630 RT 38.763 RT
 33.705 RT 38.820 RT
 35.422 RT 38.886 RT
 35.634 RT 41.009 RT
 35.673 RT 41.086 RT
 35.712 RT 41.162 RT
 35.749 RT 41.936 LT
 35.790 RT 41.973 LT
 35.838 RT 42.014 LT
 35.890 RT 43.298 RT
 35.942 RT 43.638 LT
 36.976 RT 43.715 LT
 37.991 RT 43.771 LT
 38.048 RT 43.828 LT
 38.500 RT 44.630 RT
 38.585 RT

REFERENCE COMPUTATION BINDER 604.XX
 604.40 CHANGING ELEVATION OF DROP INLETS,
 CATCH BASINS, OR MANHOLES
 604.412-418 REHAB. DROP INLETS, CATCH BASINS,
 OR MANHOLES, CLASS I, CLASS II OR CLASS III
 32.226 LT 38.631 RT
 32.302 LT 38.687 RT
 33.630 RT 38.763 RT
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 35.422 RT 38.886 RT
 35.634 RT 41.009 RT
 35.673 RT 41.086 RT
 35.712 RT 41.162 RT
 35.749 RT 41.936 LT
 35.790 RT 41.973 LT
 35.838 RT 42.014 LT
 35.890 RT 43.298 RT
 35.942 RT 43.638 LT
 36.976 RT 43.715 LT
 37.991 RT 43.771 LT
 38.048 RT 43.828 LT
 38.500 RT 44.630 RT
 38.585 RT

MAINLINE LAYOUT SHEET

PROJECT NAME: WESTMINSTER-SPRINGFIELD
 PROJECT NUMBER: IM 091-1(62)

FILE NAME: /pave/01a014/pa014
 PROJECT LEADER: PTS
 DESIGNED BY: NLL
 IPARM FILE NAME: 01a014_I9

PLOT DATE: 17-JAN-2013 12:43
 DRAWN BY: MRS
 CHECKED BY: PTS
 SHEET 19 OF 43

NOT TO SCALE