





DESIGN: JCP DATE: 1/20/21 UPDATE: BMG DATE: 4/6/21
 CHECK: SAP DATE: 1/21/21 RECHECK: SAP DATE: 4/7/21
 STRUCTURE: CUY-480-7.14 SFN: PID:
 SUBJECT: Overlay Calculations (Bridges CUY-480-0792, CUY-480-0805 & CUY-480-0832)

SUPERPLASTISIZED DENSE (SDC) OVERLAY WITH VARIABLE X-SLOPES (To try and reduce overlay thickness)

| | | | | | | |
|---|---|-----------|-----------|-----------|-----------|-----------|
| INPUT VALUE = | | | | | | |
| 792 EX. GLOBAL PROFILE GRADE HEIGHT ADJUSTMENT (FT) = | 0.30 | | | | | |
| 805 EX. GLOBAL PROFILE GRADE HEIGHT ADJUSTMENT (FT) = | 0.30 | | | | | |
| 832 EX. GLOBAL PROFILE GRADE HEIGHT ADJUSTMENT (FT) = | 0.37 | | | | | |
| 792 EXTERIOR SHOULDER CROSS SLOPE (%) = | -0.036 | | | | | |
| 805 EXTERIOR SHOULDER CROSS SLOPE (%) = | -0.036 | | | | | |
| 832 EXTERIOR SHOULDER CROSS SLOPE (%) = | -0.036 | | | | | |
| | 792 | | 805 | | 832 | |
| EXTERIOR LANE CROSS SLOPE STATION = | 440+42.08 | 441+75.54 | 453+55.94 | 456+55.94 | 463+72.23 | 465+85.57 |
| EXTERIOR LANE CROSS SLOPE (%) = | -0.036 | -0.016 | -0.016 | 0.029 | 0.016 | -0.016 |
| MIDDLE LANE CROSS SLOPE STATION = | 440+42.08 | 441+75.54 | 453+55.94 | 456+55.94 | 463+72.23 | 465+85.57 |
| MIDDLE LANE CROSS SLOPE (%) = | -0.036 | -0.016 | -0.016 | 0.029 | 0.016 | -0.016 |
| INTERIOR LANE CROSS SLOPE STATION = | 440+42.08 | 443+89.08 | 455+69.28 | 456+55.94 | 463+72.23 | 465+85.57 |
| INTERIOR LANE CROSS SLOPE (%) = | -0.036 | 0.016 | 0.016 | 0.029 | 0.016 | 0.016 |
| INTERIOR SHOULDER CROSS SLOPE STATION = | 440+42.08 | 442+82.31 | 447+00.00 | 454+00.00 | 464+00.00 | 470+00.00 |
| INTERIOR SHOULDER CROSS SLOPE (%) = | -0.034 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 |
| 792 EXISTING DECK THICKNESS (IN) = | 11 | | | | | |
| 805 EXISTING DECK THICKNESS (IN) = | 11 | | | | | |
| 832 EXISTING DECK THICKNESS (IN) = | 8.25 | | | | | |
| 792 WEARING SURFACE REMOVAL DEPTH (IN) = | 2.50 | | | | | |
| 805 WEARING SURFACE REMOVAL DEPTH (IN) = | 2.50 | | | | | |
| 832 WEARING SURFACE REMOVAL DEPTH (IN) = | 0.00 | | | | | |
| 792 SCARIFICATION REMOVAL DEPTH (IN) = | 0.25 | | | | | |
| 805 SCARIFICATION REMOVAL DEPTH (IN) = | 0.25 | | | | | |
| 832 SCARIFICATION REMOVAL DEPTH (IN) = | 1.00 | | | | | |
| MINIMUM SDC OVERLAY (IN) = | 1.75 | | | | | |
| UNIFORM SDC OVERLAY REQUIRING WWR (IN) = | 5.00 | | | | | |
| | ** ASSUMES 2 1/2" OVERLAY AND 1/4" REMOVAL FOR EXISTING OVERLAY | | | | | |
| | ** ASSUMES 2 1/2" OVERLAY AND 1/4" REMOVAL FOR EXISTING OVERLAY | | | | | |
| | ** ASSUMES NO OVERLAY | | | | | |
| | ** EXISTING OVERLAY DEPTH TO BE REMOVED | | | | | |
| | ** EXISTING OVERLAY DEPTH TO BE REMOVED | | | | | |
| | ** NO EXISTING OVERLAY | | | | | |
| | ** ODOT SUPPLEMENTAL SPECIFICATION 847 - 847.03 | | | | | |
| | ** ODOT SUPPLEMENTAL SPECIFICATION 847 - 847.03 | | | | | |
| | ** ODOT SUPPLEMENTAL SPECIFICATION 847 - 847.02 | | | | | |
| | ** 2020 ODOT BDM - 403.4.1.3 | | | | | |
| | ** 2020 ODOT BDM - 403.4.1.3 | | | | | |

| BRIDGE | OFFSETS FROM CENTERLINE (FEET) | | | | | | | PROP PG |
|--------|--------------------------------|-----------|-----------|----------|---------------------|----------------|----------|---------|
| | EXTERIOR | | | | INTERIOR | | | |
| | SHOULDER | EDGE LINE | LANE LINE | EX CROWN | LANE LINE/ PR CROWN | EDGE LINE/ PGL | SHOULDER | |
| 792 | 47.25 | 43 | 31 | 25 | 19 | 7 | 1.688 | 7 |
| 805 | 47 | 43 | 31 | 25 | 19 | 7 | 1.542 | 7 |
| 832 | 48.25 | 43 | 31 | 25 | 19 | 7 | 1.542 | 7 |

-  - Does Not Exceed 5" Uniform Overlay Thickness Criteria (No WWR Required)
-  - Exceeds 5" Uniform Overlay Thickness Criteria (WWR Required)

*** ONLY HIGHLIGHTED VALUES ARE LOCATED ON THE BRIDGE. ALL OTHERS ARE LOCATED ON THE ROADWAY OR APPROACH SLAB.**

BRIDGE 0792

| | | EXISTING SURFACE CONDITION | | | | | | |
|----------|--------|----------------------------|-----------|-----------|---------------------|---------------------|----------------|----------|
| | | EXTERIOR ELEVATIONS | | | INTERIOR ELEVATIONS | | | |
| BRIDGE # | STA | SHOULDER | EDGE LINE | LANE LINE | EX CROWN | LANE LINE/ PR CROWN | EDGE LINE/ PGL | SHOULDER |
| 792 | 442+00 | 803.06 | 803.20 | 803.45 | 803.51 | 803.52 | 803.33 | 803.16 |
| 792 | 442+25 | 803.52 | 803.66 | 803.93 | 803.99 | 803.98 | 803.77 | 803.59 |
| 792 | 442+50 | 803.98 | 804.12 | 804.40 | 804.45 | 804.44 | 804.20 | 804.04 |
| 792 | 442+75 | 804.49 | 804.60 | 804.80 | 804.86 | 804.86 | 804.68 | 804.53 |
| 792 | 443+00 | 804.95 | 805.03 | 805.23 | 805.31 | 805.29 | 805.14 | 805.03 |
| 792 | 443+19 | 805.44 | 805.51 | 805.67 | 805.76 | 805.67 | 805.51 | 805.43 |
| 792 | 443+25 | 805.52 | 805.59 | 805.79 | 805.89 | 805.80 | 805.57 | 805.55 |
| 792 | 443+50 | 806.07 | 806.17 | 806.31 | 806.39 | 806.31 | 806.16 | 806.09 |
| 792 | 443+75 | 806.63 | 806.68 | 806.84 | 806.92 | 806.83 | 806.68 | 806.62 |
| 792 | 444+00 | 807.12 | 807.18 | 807.36 | 807.44 | 807.36 | 807.20 | 807.15 |
| 792 | 444+25 | 807.66 | 807.71 | 807.88 | 807.98 | 807.89 | 807.74 | 807.69 |
| 792 | 444+50 | 808.20 | 808.25 | 808.40 | 808.48 | 808.40 | 808.27 | 808.23 |
| 792 | 444+75 | 808.72 | 808.76 | 808.91 | 809.01 | 808.93 | 808.80 | 808.76 |
| 792 | 444+85 | 808.91 | 808.96 | 809.09 | 809.17 | 809.12 | 809.02 | 808.99 |
| 792 | 445+00 | 809.13 | 809.19 | 809.40 | 809.47 | 809.46 | 809.37 | 809.27 |
| 792 | 445+25 | 809.66 | 809.77 | 810.00 | 810.07 | 810.04 | 809.88 | 809.73 |
| 792 | 445+50 | 810.19 | 810.34 | 810.61 | 810.67 | 810.63 | 810.40 | 810.23 |
| 792 | 445+75 | 810.80 | 810.95 | 811.22 | 811.28 | 811.24 | 811.00 | 810.84 |
| 792 | 446+00 | 811.41 | 811.55 | 811.81 | 811.87 | 811.82 | 811.57 | 811.42 |

BRIDGE 0792

| PROPOSED SURFACE CONDITION | | | | | | | | | | | | | |
|----------------------------|-----------------------------|---------------------|-----------------------|-----------|-----------------------|-----------|---------------------|---------------------|---------------------|-----------------------|----------------|-----------------------|----------|
| PR PG ELEV | PROPOSED REFINED ADJUSTMENT | EXTERIOR ELEVATIONS | | | | | INTERIOR ELEVATIONS | | | | | | |
| | | SHOULDER | EXTERIOR SHLR X-SLOPE | EDGE LINE | EXTERIOR LANE X-SLOPE | LANE LINE | EX CROWN | MIDDLE LANE X-SLOPE | LANE LINE/ PR CROWN | INTERIOR LANE X-SLOPE | EDGE LINE/ PGL | INTERIOR SHLR X-SLOPE | SHOULDER |
| 803.63 | 0 | 802.94 | -0.036 | 803.10 | -0.016 | 803.29 | 803.39 | -0.016 | 803.48 | -0.0123 | 803.63 | -0.0379 | 803.43 |
| 804.07 | 0 | 803.43 | -0.036 | 803.58 | -0.016 | 803.77 | 803.87 | -0.016 | 803.97 | -0.0086 | 804.07 | -0.0386 | 803.87 |
| 804.53 | 0.03 | 803.93 | -0.036 | 804.09 | -0.016 | 804.28 | 804.38 | -0.016 | 804.47 | -0.0048 | 804.53 | -0.0392 | 804.32 |
| 805.01 | 0.03 | 804.46 | -0.036 | 804.61 | -0.016 | 804.80 | 804.90 | -0.016 | 805.00 | -0.0011 | 805.01 | -0.0400 | 804.80 |
| 805.51 | 0.07 | 805.00 | -0.036 | 805.16 | -0.016 | 805.35 | 805.45 | -0.016 | 805.54 | 0.0027 | 805.51 | -0.0400 | 805.30 |
| 805.87 | | 805.40 | -0.036 | 805.56 | -0.016 | 805.75 | 805.84 | -0.016 | 805.94 | 0.0055 | 805.87 | -0.0400 | 805.66 |
| 805.99 | 0.12 | 805.53 | -0.036 | 805.68 | -0.016 | 805.87 | 805.97 | -0.016 | 806.07 | 0.0064 | 805.99 | -0.0400 | 805.78 |
| 806.49 | 0.03 | 806.07 | -0.036 | 806.23 | -0.016 | 806.42 | 806.52 | -0.016 | 806.61 | 0.0101 | 806.49 | -0.0400 | 806.28 |
| 806.97 | -0.01 | 806.60 | -0.036 | 806.75 | -0.016 | 806.94 | 807.04 | -0.016 | 807.14 | 0.0139 | 806.97 | -0.0400 | 806.76 |
| 807.44 | -0.06 | 807.10 | -0.036 | 807.25 | -0.016 | 807.44 | 807.54 | -0.016 | 807.63 | 0.0160 | 807.44 | -0.0400 | 807.23 |
| 807.93 | -0.11 | 807.59 | -0.036 | 807.74 | -0.016 | 807.93 | 808.03 | -0.016 | 808.12 | 0.0160 | 807.93 | -0.0400 | 807.72 |
| 808.44 | -0.13 | 808.10 | -0.036 | 808.25 | -0.016 | 808.44 | 808.54 | -0.016 | 808.63 | 0.0160 | 808.44 | -0.0400 | 808.23 |
| 808.97 | -0.13 | 808.63 | -0.036 | 808.78 | -0.016 | 808.97 | 809.07 | -0.016 | 809.16 | 0.0160 | 808.97 | -0.0400 | 808.76 |
| 809.19 | | 808.85 | -0.036 | 809.00 | -0.016 | 809.19 | 809.29 | -0.016 | 809.38 | 0.0160 | 809.19 | -0.0400 | 808.98 |
| 809.52 | -0.15 | 809.18 | -0.036 | 809.33 | -0.016 | 809.52 | 809.62 | -0.016 | 809.71 | 0.0160 | 809.52 | -0.0400 | 809.31 |
| 810.06 | -0.12 | 809.72 | -0.036 | 809.87 | -0.016 | 810.06 | 810.16 | -0.016 | 810.25 | 0.0160 | 810.06 | -0.0400 | 809.85 |
| 810.59 | -0.11 | 810.25 | -0.036 | 810.40 | -0.016 | 810.59 | 810.69 | -0.016 | 810.78 | 0.0160 | 810.59 | -0.0400 | 810.38 |
| 811.30 | | 810.96 | -0.036 | 811.11 | -0.016 | 811.30 | 811.40 | -0.016 | 811.49 | 0.0160 | 811.30 | -0.0400 | 811.09 |
| 811.87 | | 811.53 | -0.036 | 811.68 | -0.016 | 811.87 | 811.97 | -0.016 | 812.06 | 0.0160 | 811.87 | -0.0400 | 811.66 |

BRIDGE 0792

| OVERLAY THICKNESS (INCHES) | | | | | | | | |
|----------------------------|-----------|-----------|----------|---------------------|----------------|----------|---------------|---------------|
| EXTERIOR | | | INTERIOR | | | | | |
| SHOULDER | EDGE LINE | LANE LINE | EX CROWN | LANE LINE/ PR CROWN | EDGE LINE/ PGL | SHOULDER | LONG. SLOPE % | GRADE BREAK % |
| 1.37 | 1.53 | 0.83 | 1.26 | 2.29 | 6.35 | 5.97 | | |
| 1.67 | 1.83 | 0.89 | 1.32 | 2.59 | 6.35 | 6.05 | 1.76 | |
| 2.21 | 2.36 | 1.31 | 1.86 | 3.13 | 6.71 | 6.13 | 1.84 | 0.08 |
| 2.39 | 2.90 | 2.81 | 3.24 | 4.39 | 6.71 | 5.96 | 1.92 | 0.08 |
| 3.41 | 4.28 | 4.19 | 4.38 | 5.77 | 7.19 | 5.96 | 2.00 | 0.08 |
| 2.32 | 3.31 | 3.70 | 3.77 | 6.00 | 7.13 | 5.54 | | |
| 2.87 | 3.86 | 3.77 | 3.72 | 5.95 | 7.79 | 5.48 | 1.92 | 0.08 |
| 2.81 | 3.44 | 4.07 | 4.26 | 6.37 | 6.71 | 5.00 | 2.00 | 0.08 |
| 2.39 | 3.62 | 4.01 | 4.20 | 6.43 | 6.23 | 4.40 | 1.92 | 0.08 |
| 2.45 | 3.57 | 3.71 | 3.90 | 6.01 | 5.63 | 3.68 | 1.88 | 0.04 |
| 1.85 | 3.09 | 3.35 | 3.30 | 5.53 | 5.03 | 3.08 | 1.96 | 0.08 |
| 1.49 | 2.73 | 3.23 | 3.42 | 5.53 | 4.79 | 2.72 | 2.04 | 0.08 |
| 1.61 | 2.97 | 3.47 | 3.42 | 5.53 | 4.79 | 2.72 | 2.12 | 0.08 |
| 1.97 | 3.21 | 3.95 | 4.14 | 5.89 | 4.79 | 2.60 | | |
| 3.29 | 4.41 | 4.19 | 4.50 | 5.77 | 4.55 | 3.20 | 2.20 | 0.08 |
| 3.41 | 3.93 | 3.47 | 3.78 | 5.29 | 4.91 | 4.16 | 2.16 | 0.04 |
| 3.41 | 3.45 | 2.51 | 2.94 | 4.57 | 5.03 | 4.52 | 2.12 | 0.04 |
| 4.61 | 4.65 | 3.71 | 4.14 | 5.77 | 6.35 | 5.72 | | |
| 4.13 | 4.29 | 3.47 | 3.90 | 5.65 | 6.35 | 5.60 | | |

Minor reduction in minimum overlay at curb line only - SAY OK

| | | | | |
|----------------|--------|----------|--------|-------------|
| | | 6.33 | 33.64 | |
| Max | | 5.77 | 169.17 | 608.42 |
| 7.79 | | 4.93 | 224.79 | 4924.44 |
| | | 4.81 | 219.23 | 5550.27 |
| | | 4.47 | 203.62 | 5285.63 |
| | | 3.96 | 180.50 | 4801.41 |
| | | 3.81 | 173.41 | 4423.83 |
| | | 3.90 | 177.78 | 4389.85 |
| | | 4.22 | 192.05 | 1849.15 |
| | | Based on | | Based on |
| | Direct | Section | | Volume |
| Average | 4.15 | 4.69 | | 4.60 |

BRIDGE 0805

| | | EXISTING SURFACE CONDITION | | | | | | |
|----------|--------|----------------------------|-----------|-----------|----------|---------------------|----------------|----------|
| BRIDGE # | STA | EXTERIOR ELEVATIONS | | | EX CROWN | INTERIOR ELEVATIONS | | |
| | | SHOULDER | EDGE LINE | LANE LINE | | LANE LINE/ PR CROWN | EDGE LINE/ PGL | SHOULDER |
| 805 | 447+00 | 813.55 | 813.67 | 813.89 | 813.96 | 813.91 | 813.67 | 813.51 |
| 805 | 447+25 | 814.05 | 814.15 | 814.35 | 814.41 | 814.36 | 814.15 | 814.00 |
| 805 | 447+50 | 814.54 | 814.63 | 814.81 | 814.86 | 814.81 | 814.63 | 814.51 |
| 805 | 447+75 | 815.06 | 815.14 | 815.25 | 815.31 | 815.25 | 815.12 | 815.04 |
| 805 | 448+00 | 815.55 | 815.59 | 815.76 | 815.82 | 815.73 | 815.60 | 815.55 |
| 805 | 448+01 | 815.57 | 815.61 | 815.77 | 815.83 | 815.74 | 815.62 | 815.56 |
| 805 | 448+25 | 816.06 | 816.14 | 816.35 | 816.47 | 816.37 | 816.13 | 816.08 |
| 805 | 448+50 | 816.68 | 816.70 | 816.91 | 817.02 | 816.92 | 816.68 | 816.64 |
| 805 | 448+75 | 817.14 | 817.20 | 817.48 | 817.57 | 817.48 | 817.22 | 817.17 |
| 805 | 449+00 | 817.80 | 817.89 | 818.03 | 818.12 | 818.02 | 817.73 | 817.66 |
| 805 | 449+25 | 818.25 | 818.29 | 818.56 | 818.64 | 818.54 | 818.21 | 818.20 |
| 805 | 449+50 | 818.89 | 818.93 | 819.07 | 819.17 | 819.06 | 818.87 | 818.76 |
| 805 | 449+75 | 819.36 | 819.42 | 819.60 | 819.70 | 819.59 | 819.43 | 819.39 |
| 805 | 450+00 | 819.89 | 819.95 | 820.11 | 820.21 | 820.12 | 819.92 | 819.86 |
| 805 | 450+25 | 820.43 | 820.47 | 820.62 | 820.71 | 820.62 | 820.44 | 820.36 |
| 805 | 450+50 | 820.94 | 820.98 | 821.15 | 821.25 | 821.15 | 820.94 | 820.84 |
| 805 | 450+75 | 821.44 | 821.49 | 821.65 | 821.75 | 821.65 | 821.48 | 821.42 |
| 805 | 451+00 | 821.99 | 822.02 | 822.16 | 822.26 | 822.17 | 821.98 | 821.93 |
| 805 | 451+25 | 822.52 | 822.54 | 822.68 | 822.76 | 822.68 | 822.48 | 822.42 |
| 805 | 451+50 | 823.00 | 823.04 | 823.19 | 823.28 | 823.20 | 822.95 | 822.89 |
| 805 | 451+75 | 823.49 | 823.54 | 823.70 | 823.80 | 823.72 | 823.43 | 823.38 |
| 805 | 452+00 | 824.01 | 824.05 | 824.22 | 824.32 | 824.25 | 824.00 | 823.94 |
| 805 | 452+25 | 824.43 | 824.52 | 824.73 | 824.83 | 824.75 | 824.49 | 824.40 |
| 805 | 452+50 | 824.97 | 825.01 | 825.21 | 825.30 | 825.23 | 824.97 | 824.85 |
| 805 | 452+75 | 825.43 | 825.50 | 825.67 | 825.78 | 825.68 | 825.45 | 825.38 |
| 805 | 453+00 | 825.87 | 825.95 | 826.13 | 826.22 | 826.13 | 825.94 | 825.89 |
| 805 | 453+03 | 825.93 | 826.01 | 826.19 | 826.29 | 826.19 | 826.01 | 825.93 |
| 805 | 453+25 | 826.39 | 826.46 | 826.57 | 826.65 | 826.59 | 826.43 | 826.34 |
| 805 | 453+50 | 826.90 | 827.00 | 827.14 | 827.17 | 827.13 | 826.95 | 826.84 |
| 805 | 453+75 | 827.47 | 827.56 | 827.75 | 827.80 | 827.74 | 827.54 | 827.42 |
| 805 | 454+00 | 828.01 | 828.12 | 828.32 | 828.39 | 828.33 | 828.11 | 827.98 |

BRIDGE 0805

| | | PROPOSED SURFACE CONDITION | | | | | | | | | | | |
|------------|-----------------------------|----------------------------|-----------------------|-----------|-----------------------|-----------|----------|---------------------|---------------------|-----------------------|----------------|-----------------------|----------|
| | | EXTERIOR ELEVATIONS | | | | | EX CROWN | MIDDLE LANE X-SLOPE | INTERIOR ELEVATIONS | | | | |
| PR PG ELEV | PROPOSED REFINED ADJUSTMENT | SHOULDER | EXTERIOR SHLR X-SLOPE | EDGE LINE | EXTERIOR LANE X-SLOPE | LANE LINE | EX CROWN | MIDDLE LANE X-SLOPE | LANE LINE/ PR CROWN | INTERIOR LANE X-SLOPE | EDGE LINE/ PGL | INTERIOR SHLR X-SLOPE | SHOULDER |
| 813.97 | | 813.63 | -0.036 | 813.78 | -0.016 | 813.97 | 814.07 | -0.016 | 814.16 | 0.016 | 813.97 | -0.040 | 813.75 |
| 814.45 | | 814.11 | -0.036 | 814.26 | -0.016 | 814.45 | 814.55 | -0.016 | 814.64 | 0.016 | 814.45 | -0.040 | 814.23 |
| 814.85 | -0.08 | 814.51 | -0.036 | 814.66 | -0.016 | 814.85 | 814.95 | -0.016 | 815.04 | 0.016 | 814.85 | -0.040 | 814.63 |
| 815.38 | -0.04 | 815.04 | -0.036 | 815.19 | -0.016 | 815.38 | 815.48 | -0.016 | 815.57 | 0.016 | 815.38 | -0.040 | 815.16 |
| 815.90 | 0 | 815.56 | -0.036 | 815.71 | -0.016 | 815.90 | 816.00 | -0.016 | 816.09 | 0.016 | 815.90 | -0.040 | 815.68 |
| 815.92 | | 815.58 | -0.036 | 815.73 | -0.016 | 815.92 | 816.02 | -0.016 | 816.11 | 0.016 | 815.92 | -0.040 | 815.70 |
| 816.42 | -0.01 | 816.08 | -0.036 | 816.23 | -0.016 | 816.42 | 816.52 | -0.016 | 816.61 | 0.016 | 816.42 | -0.040 | 816.20 |
| 816.95 | -0.03 | 816.61 | -0.036 | 816.76 | -0.016 | 816.95 | 817.05 | -0.016 | 817.14 | 0.016 | 816.95 | -0.040 | 816.73 |
| 817.49 | -0.03 | 817.15 | -0.036 | 817.30 | -0.016 | 817.49 | 817.59 | -0.016 | 817.68 | 0.016 | 817.49 | -0.040 | 817.27 |
| 818.04 | 0.01 | 817.70 | -0.036 | 817.85 | -0.016 | 818.04 | 818.14 | -0.016 | 818.23 | 0.016 | 818.04 | -0.040 | 817.82 |
| 818.57 | 0.06 | 818.23 | -0.036 | 818.38 | -0.016 | 818.57 | 818.67 | -0.016 | 818.76 | 0.016 | 818.57 | -0.040 | 818.35 |
| 819.12 | -0.05 | 818.78 | -0.036 | 818.93 | -0.016 | 819.12 | 819.22 | -0.016 | 819.31 | 0.016 | 819.12 | -0.040 | 818.90 |
| 819.67 | -0.06 | 819.33 | -0.036 | 819.48 | -0.016 | 819.67 | 819.77 | -0.016 | 819.86 | 0.016 | 819.67 | -0.040 | 819.45 |
| 820.21 | -0.01 | 819.87 | -0.036 | 820.02 | -0.016 | 820.21 | 820.31 | -0.016 | 820.40 | 0.016 | 820.21 | -0.040 | 819.99 |
| 820.73 | -0.01 | 820.39 | -0.036 | 820.54 | -0.016 | 820.73 | 820.83 | -0.016 | 820.92 | 0.016 | 820.73 | -0.040 | 820.51 |
| 821.25 | 0.01 | 820.91 | -0.036 | 821.06 | -0.016 | 821.25 | 821.35 | -0.016 | 821.44 | 0.016 | 821.25 | -0.040 | 821.03 |
| 821.75 | -0.03 | 821.41 | -0.036 | 821.56 | -0.016 | 821.75 | 821.85 | -0.016 | 821.94 | 0.016 | 821.75 | -0.040 | 821.53 |
| 822.27 | -0.01 | 821.93 | -0.036 | 822.08 | -0.016 | 822.27 | 822.37 | -0.016 | 822.46 | 0.016 | 822.27 | -0.040 | 822.05 |
| 822.77 | -0.01 | 822.43 | -0.036 | 822.58 | -0.016 | 822.77 | 822.87 | -0.016 | 822.96 | 0.016 | 822.77 | -0.040 | 822.55 |
| 823.25 | 0 | 822.91 | -0.036 | 823.06 | -0.016 | 823.25 | 823.35 | -0.016 | 823.44 | 0.016 | 823.25 | -0.040 | 823.03 |
| 823.74 | 0.01 | 823.40 | -0.036 | 823.55 | -0.016 | 823.74 | 823.84 | -0.016 | 823.93 | 0.016 | 823.74 | -0.040 | 823.52 |
| 824.24 | -0.06 | 823.90 | -0.036 | 824.05 | -0.016 | 824.24 | 824.34 | -0.016 | 824.43 | 0.016 | 824.24 | -0.040 | 824.02 |
| 824.75 | -0.04 | 824.41 | -0.036 | 824.56 | -0.016 | 824.75 | 824.85 | -0.016 | 824.94 | 0.016 | 824.75 | -0.040 | 824.53 |
| 825.24 | -0.03 | 824.90 | -0.036 | 825.05 | -0.016 | 825.24 | 825.34 | -0.016 | 825.43 | 0.016 | 825.24 | -0.040 | 825.02 |
| 825.74 | -0.01 | 825.40 | -0.036 | 825.55 | -0.016 | 825.74 | 825.84 | -0.016 | 825.93 | 0.016 | 825.74 | -0.040 | 825.52 |
| 826.24 | 0 | 825.90 | -0.036 | 826.05 | -0.016 | 826.24 | 826.34 | -0.016 | 826.43 | 0.016 | 826.24 | -0.040 | 826.02 |
| 826.30 | | 825.97 | -0.036 | 826.11 | -0.016 | 826.30 | 826.40 | -0.016 | 826.49 | 0.016 | 826.30 | -0.040 | 826.08 |
| 826.75 | 0.02 | 826.41 | -0.036 | 826.56 | -0.016 | 826.75 | 826.85 | -0.016 | 826.94 | 0.016 | 826.75 | -0.040 | 826.53 |
| 827.28 | 0.03 | 826.94 | -0.036 | 827.09 | -0.016 | 827.28 | 827.38 | -0.016 | 827.47 | 0.016 | 827.28 | -0.040 | 827.06 |
| 827.83 | -0.01 | 827.56 | -0.036 | 827.71 | -0.0131 | 827.86 | 827.94 | -0.0131 | 828.02 | 0.016 | 827.83 | -0.040 | 827.61 |
| 828.40 | -0.01 | 828.22 | -0.036 | 828.37 | -0.0094 | 828.48 | 828.54 | -0.0094 | 828.59 | 0.016 | 828.40 | -0.040 | 828.18 |

BRIDGE 0805

2.13 0.01

| OVERLAY THICKNESS (INCHES) | | | | | | | LONG. SLOPE % | GRADE BREAK |
|----------------------------|-----------|-----------|----------|---------------------|----------------|----------|---------------|-------------|
| EXTERIOR | | | INTERIOR | | | | | |
| SHOULDER | EDGE LINE | LANE LINE | EX CROWN | LANE LINE/ PR CROWN | EDGE LINE/ PGL | SHOULDER | | |
| 3.76 | 4.05 | 3.71 | 4.02 | 5.77 | 6.35 | 5.65 | | |
| 3.52 | 4.05 | 3.95 | 4.38 | 6.13 | 6.35 | 5.53 | | |
| 2.44 | 3.09 | 3.23 | 3.78 | 5.53 | 5.39 | 4.21 | | |
| 2.56 | 3.33 | 4.31 | 4.74 | 6.61 | 5.87 | 4.21 | 2.12 | 0.01 |
| 2.92 | 4.17 | 4.43 | 4.86 | 7.09 | 6.35 | 4.33 | 2.08 | 0.04 |
| 2.93 | 4.18 | 4.56 | 4.99 | 7.22 | 6.36 | 4.46 | | |
| 3.04 | 3.81 | 3.59 | 3.30 | 5.65 | 6.23 | 4.21 | 2.08 | 0.00 |
| 1.96 | 3.45 | 3.23 | 3.06 | 5.41 | 5.99 | 3.85 | 2.12 | 0.04 |
| 2.92 | 3.93 | 2.87 | 2.94 | 5.17 | 5.99 | 3.97 | 2.16 | 0.04 |
| 1.60 | 2.25 | 2.87 | 2.94 | 5.29 | 6.47 | 4.69 | 2.20 | 0.04 |
| 2.56 | 3.81 | 2.87 | 3.06 | 5.41 | 7.07 | 4.57 | 2.12 | 0.08 |
| 1.48 | 2.73 | 3.35 | 3.30 | 5.77 | 5.75 | 4.45 | 2.20 | 0.08 |
| 2.44 | 3.45 | 3.59 | 3.54 | 6.01 | 5.63 | 3.49 | 2.20 | 0.00 |
| 2.56 | 3.57 | 3.95 | 3.90 | 6.13 | 6.23 | 4.33 | 2.16 | 0.04 |
| 2.32 | 3.57 | 4.07 | 4.14 | 6.37 | 6.23 | 4.57 | 2.08 | 0.08 |
| 2.44 | 3.69 | 3.95 | 3.90 | 6.25 | 6.47 | 5.05 | 2.08 | 0.00 |
| 2.44 | 3.57 | 3.95 | 3.90 | 6.25 | 5.99 | 4.09 | 2.00 | 0.08 |
| 2.08 | 3.45 | 4.07 | 4.02 | 6.25 | 6.23 | 4.21 | 2.08 | 0.08 |
| 1.72 | 3.21 | 3.83 | 4.02 | 6.13 | 6.23 | 4.33 | 2.00 | 0.08 |
| 1.72 | 2.97 | 3.47 | 3.54 | 5.65 | 6.35 | 4.45 | 1.92 | 0.08 |
| 1.72 | 2.85 | 3.23 | 3.18 | 5.29 | 6.47 | 4.45 | 1.96 | 0.04 |
| 1.48 | 2.73 | 2.99 | 2.94 | 4.93 | 5.63 | 3.73 | 2.00 | 0.04 |
| 2.56 | 3.21 | 2.99 | 2.94 | 5.05 | 5.87 | 4.33 | 2.04 | 0.04 |
| 1.96 | 3.21 | 3.11 | 3.18 | 5.17 | 5.99 | 4.81 | 1.96 | 0.08 |
| 2.44 | 3.33 | 3.59 | 3.42 | 5.77 | 6.23 | 4.45 | 2.00 | 0.04 |
| 3.16 | 3.93 | 4.07 | 4.14 | 6.37 | 6.35 | 4.33 | 2.00 | 0.00 |
| 3.17 | 3.94 | 4.08 | 4.04 | 6.39 | 6.24 | 4.58 | | |
| 3.04 | 3.93 | 4.91 | 5.10 | 6.97 | 6.59 | 5.05 | 2.04 | 0.04 |
| 3.28 | 3.81 | 4.43 | 5.22 | 6.85 | 6.71 | 5.41 | 2.12 | 0.08 |
| 3.86 | 4.51 | 4.12 | 4.47 | 6.13 | 6.23 | 5.05 | 2.20 | 0.08 |
| 5.30 | 5.71 | 4.66 | 4.50 | 5.89 | 6.23 | 5.17 | 2.28 | 0.08 |

Minor reduction in minimum overlay at curb line only - SAY OK

| | | | |
|---------|----------|---------|----------|
| 2.23 | 12.17 | | |
| 2.10 | 11.49 | | 283.93 |
| 4.19 | 190.45 | | 2524.21 |
| 4.19 | 190.41 | | 4760.77 |
| 3.99 | 181.57 | | 4649.80 |
| 4.46 | 202.68 | | 4803.11 |
| 4.16 | 189.03 | | 4896.36 |
| 4.37 | 198.80 | | 4847.89 |
| 4.71 | 214.01 | | 5160.17 |
| 4.81 | 218.87 | | 5410.99 |
| 4.84 | 219.87 | | 5484.24 |
| 4.67 | 212.10 | | 5399.67 |
| 4.72 | 214.64 | | 5334.33 |
| 4.60 | 209.09 | | 5296.71 |
| 4.36 | 198.11 | | 5089.99 |
| 4.19 | 190.63 | | 4859.27 |
| 3.81 | 173.06 | | 4546.14 |
| 4.04 | 183.87 | | 4461.58 |
| 4.15 | 188.63 | | 4656.21 |
| 4.46 | 202.82 | | 4893.08 |
| 4.92 | 223.82 | | 5332.99 |
| 4.91 | 223.36 | | 670.77 |
| | Based on | | Based on |
| | Direct | Section | Volume |
| Average | 4.12 | 4.22 | 4.48 |

Max
7.07

Average

BRIDGE 0832

| EXISTING SURFACE CONDITION | | | | | | | | |
|----------------------------|--------|---------------------|-----------|-----------|----------|---------------------|----------------|----------|
| BRIDGE # | STA | EXTERIOR ELEVATIONS | | | EX CROWN | INTERIOR ELEVATIONS | | |
| | | SHOULDER | EDGE LINE | LANE LINE | | LANE LINE/ PR CROWN | EDGE LINE/ PGL | SHOULDER |
| 832 | 464+00 | 839.08 | 839.23 | 839.39 | 839.34 | 839.31 | 839.11 | 838.97 |
| 832 | 464+25 | 838.93 | 839.01 | 839.12 | 839.11 | 839.09 | 838.88 | 838.71 |
| 832 | 464+50 | 838.77 | 838.79 | 838.85 | 838.88 | 838.86 | 838.62 | 838.42 |
| 832 | 464+75 | 838.51 | 838.50 | 838.52 | 838.55 | 838.52 | 838.32 | 838.19 |
| 832 | 465+00 | 838.25 | 838.21 | 838.18 | 838.21 | 838.17 | 838.03 | 837.97 |
| 832 | 465+12 | 838.00 | 837.97 | 838.02 | 838.06 | 838.02 | 837.86 | 837.79 |
| 832 | 465+25 | 837.72 | 837.74 | 837.82 | 837.89 | 837.84 | 837.70 | 837.64 |
| 832 | 465+50 | 837.26 | 837.31 | 837.48 | 837.56 | 837.50 | 837.37 | 837.32 |
| 832 | 465+75 | 836.96 | 837.02 | 837.19 | 837.27 | 837.19 | 837.04 | 837.01 |
| 832 | 466+00 | 836.59 | 836.65 | 836.82 | 836.90 | 836.84 | 836.70 | 836.64 |
| 832 | 466+25 | 836.19 | 836.26 | 836.43 | 836.51 | 836.45 | 836.29 | 836.21 |
| 832 | 466+50 | 835.79 | 835.85 | 836.02 | 836.10 | 836.04 | 835.91 | 835.86 |
| 832 | 466+75 | 835.36 | 835.43 | 835.61 | 835.69 | 835.61 | 835.48 | 835.43 |
| 832 | 467+00 | 834.90 | 834.97 | 835.17 | 835.26 | 835.18 | 835.03 | 834.98 |
| 832 | 467+25 | 834.41 | 834.48 | 834.65 | 834.73 | 834.65 | 834.53 | 834.49 |
| 832 | 467+50 | 833.92 | 833.98 | 834.13 | 834.20 | 834.14 | 834.00 | 833.95 |
| 832 | 467+75 | 833.37 | 833.42 | 833.58 | 833.66 | 833.59 | 833.47 | 833.46 |
| 832 | 468+00 | 832.82 | 832.86 | 832.99 | 833.07 | 832.99 | 832.83 | 832.76 |
| 832 | 468+25 | 832.16 | 832.22 | 832.36 | 832.42 | 832.36 | 832.20 | 832.13 |
| 832 | 468+50 | 831.50 | 831.56 | 831.73 | 831.80 | 831.73 | 831.58 | 831.43 |
| 832 | 468+73 | 830.89 | 830.96 | 831.10 | 831.17 | 831.10 | 830.97 | 830.98 |
| 832 | 468+75 | 830.83 | 830.90 | 831.05 | 831.12 | 831.05 | 830.95 | 830.92 |
| 832 | 469+00 | 830.10 | 830.19 | 830.34 | 830.39 | 830.34 | 830.23 | 830.19 |
| 832 | 469+25 | 829.48 | 829.57 | 829.72 | 829.76 | 829.70 | 829.54 | 829.46 |
| 832 | 469+50 | 828.82 | 828.92 | 829.10 | 829.13 | 829.07 | 828.86 | 828.75 |
| 832 | 469+75 | 828.10 | 828.21 | 828.39 | 828.43 | 828.38 | 828.19 | 828.08 |
| 832 | 470+00 | 827.38 | 827.48 | 827.68 | 827.73 | 827.69 | 827.52 | 827.42 |

BRIDGE 0832

| PROPOSED SURFACE CONDITION | | | | | | | | | | | | | |
|----------------------------|-----------------------------|---------------------|-----------------------|-----------|-----------------------|-----------|---------------------|---------------------|---------------------|-----------------------|----------------|-----------------------|----------|
| PR PG ELEV | PROPOSED REFINED ADJUSTMENT | EXTERIOR ELEVATIONS | | | | | INTERIOR ELEVATIONS | | | | | | |
| | | SHOULDER | EXTERIOR SHLR X-SLOPE | EDGE LINE | EXTERIOR LANE X-SLOPE | LANE LINE | EX CROWN | MIDDLE LANE X-SLOPE | LANE LINE/ PR CROWN | INTERIOR LANE X-SLOPE | EDGE LINE/ PGL | INTERIOR SHLR X-SLOPE | SHOULDER |
| 839.49 | 0.01 | 839.78 | -0.036 | 839.97 | 0.0118 | 839.82 | 839.75 | 0.0118 | 839.68 | 0.0160 | 839.49 | -0.040 | 839.27 |
| 839.24 | -0.01 | 839.44 | -0.036 | 839.63 | 0.0081 | 839.53 | 839.48 | 0.0081 | 839.43 | 0.0160 | 839.24 | -0.040 | 839.02 |
| 838.97 | -0.02 | 839.08 | -0.036 | 839.27 | 0.0043 | 839.21 | 839.19 | 0.0043 | 839.16 | 0.0160 | 838.97 | -0.040 | 838.75 |
| 838.68 | -0.01 | 838.70 | -0.036 | 838.89 | 0.0006 | 838.88 | 838.88 | 0.0006 | 838.87 | 0.0160 | 838.68 | -0.040 | 838.46 |
| 838.36 | -0.04 | 838.29 | -0.036 | 838.48 | -0.0032 | 838.51 | 838.53 | -0.0032 | 838.55 | 0.0160 | 838.36 | -0.040 | 838.14 |
| 838.20 | | 838.08 | -0.036 | 838.27 | -0.0050 | 838.33 | 838.36 | -0.0050 | 838.39 | 0.0160 | 838.20 | -0.040 | 837.98 |
| 838.02 | -0.05 | 837.86 | -0.036 | 838.05 | -0.0069 | 838.13 | 838.17 | -0.0069 | 838.21 | 0.0160 | 838.02 | -0.040 | 837.80 |
| 837.70 | -0.04 | 837.45 | -0.036 | 837.64 | -0.0107 | 837.76 | 837.83 | -0.0107 | 837.89 | 0.0160 | 837.70 | -0.040 | 837.48 |
| 837.37 | -0.04 | 837.03 | -0.036 | 837.22 | -0.0144 | 837.39 | 837.48 | -0.0144 | 837.56 | 0.0160 | 837.37 | -0.040 | 837.15 |
| 837.03 | -0.04 | 836.65 | -0.036 | 836.84 | -0.0160 | 837.03 | 837.13 | -0.0160 | 837.22 | 0.0160 | 837.03 | -0.040 | 836.81 |
| 836.67 | 0.01 | 836.29 | -0.036 | 836.48 | -0.0160 | 836.67 | 836.77 | -0.0160 | 836.86 | 0.0160 | 836.67 | -0.040 | 836.45 |
| 836.28 | 0 | 835.90 | -0.036 | 836.09 | -0.0160 | 836.28 | 836.38 | -0.0160 | 836.47 | 0.0160 | 836.28 | -0.040 | 836.06 |
| 835.86 | 0.01 | 835.48 | -0.036 | 835.67 | -0.0160 | 835.86 | 835.96 | -0.0160 | 836.05 | 0.0160 | 835.86 | -0.040 | 835.64 |
| 835.41 | 0.01 | 835.03 | -0.036 | 835.22 | -0.0160 | 835.41 | 835.51 | -0.0160 | 835.60 | 0.0160 | 835.41 | -0.040 | 835.19 |
| 834.92 | 0.02 | 834.54 | -0.036 | 834.73 | -0.0160 | 834.92 | 835.02 | -0.0160 | 835.11 | 0.0160 | 834.92 | -0.040 | 834.70 |
| 834.39 | 0.02 | 834.01 | -0.036 | 834.20 | -0.0160 | 834.39 | 834.49 | -0.0160 | 834.58 | 0.0160 | 834.39 | -0.040 | 834.17 |
| 833.83 | -0.01 | 833.45 | -0.036 | 833.64 | -0.0160 | 833.83 | 833.93 | -0.0160 | 834.02 | 0.0160 | 833.83 | -0.040 | 833.61 |
| 833.24 | 0.04 | 832.86 | -0.036 | 833.05 | -0.0160 | 833.24 | 833.34 | -0.0160 | 833.43 | 0.0160 | 833.24 | -0.040 | 833.02 |
| 832.62 | 0.05 | 832.24 | -0.036 | 832.43 | -0.0160 | 832.62 | 832.72 | -0.0160 | 832.81 | 0.0160 | 832.62 | -0.040 | 832.40 |
| 831.97 | 0.02 | 831.59 | -0.036 | 831.78 | -0.0160 | 831.97 | 832.07 | -0.0160 | 832.16 | 0.0160 | 831.97 | -0.040 | 831.75 |
| 831.40 | | 831.02 | -0.036 | 831.21 | -0.0160 | 831.40 | 831.50 | -0.0160 | 831.59 | 0.0160 | 831.40 | -0.040 | 831.18 |
| 831.35 | 0.03 | 830.97 | -0.036 | 831.16 | -0.0160 | 831.35 | 831.45 | -0.0160 | 831.54 | 0.0160 | 831.35 | -0.040 | 831.13 |
| 830.70 | 0.1 | 830.32 | -0.036 | 830.51 | -0.0160 | 830.70 | 830.80 | -0.0160 | 830.89 | 0.0160 | 830.70 | -0.040 | 830.48 |
| 830.02 | 0.11 | 829.64 | -0.036 | 829.83 | -0.0160 | 830.02 | 830.12 | -0.0160 | 830.21 | 0.0160 | 830.02 | -0.040 | 829.80 |
| 829.31 | 0.08 | 828.93 | -0.036 | 829.12 | -0.0160 | 829.31 | 829.41 | -0.0160 | 829.50 | 0.0160 | 829.31 | -0.040 | 829.09 |
| 828.62 | 0.06 | 828.24 | -0.036 | 828.43 | -0.0160 | 828.62 | 828.72 | -0.0160 | 828.81 | 0.0160 | 828.62 | -0.040 | 828.40 |
| 827.94 | 0.05 | 827.56 | -0.036 | 827.75 | -0.0160 | 827.94 | 828.04 | -0.0160 | 828.13 | 0.0160 | 827.94 | -0.040 | 827.72 |

BRIDGE 0832

| OVERLAY THICKNESS (INCHES) | | | | | | | | |
|----------------------------|-----------|-----------|----------|---------------------|----------------|----------|---------------|-------------|
| EXTERIOR | | | | INTERIOR | | | | |
| SHOULDER | EDGE LINE | LANE LINE | EX CROWN | LANE LINE/ PR CROWN | EDGE LINE/ PGL | SHOULDER | LONG. SLOPE % | GRADE BREAK |
| 9.36 | 9.83 | 6.21 | 5.96 | 5.46 | 5.56 | 4.62 | | |
| 7.08 | 8.39 | 5.91 | 5.45 | 5.10 | 5.32 | 4.74 | -1.00 | |
| 4.68 | 6.71 | 5.37 | 4.70 | 4.62 | 5.20 | 4.98 | -1.08 | 0.08 |
| 3.24 | 5.63 | 5.31 | 4.91 | 5.22 | 5.32 | 4.26 | -1.16 | 0.08 |
| 1.44 | 4.19 | 5.01 | 4.88 | 5.58 | 4.96 | 3.06 | -1.28 | 0.12 |
| 1.97 | 4.60 | 4.71 | 4.59 | 5.43 | 5.04 | 3.26 | | |
| 2.64 | 4.67 | 4.71 | 4.37 | 5.46 | 4.84 | 2.94 | -1.36 | 0.08 |
| 3.24 | 4.91 | 4.41 | 4.22 | 5.70 | 4.96 | 2.94 | -1.28 | 0.08 |
| 1.80 | 3.35 | 3.39 | 3.47 | 5.46 | 4.96 | 2.70 | -1.32 | 0.04 |
| 1.71 | 3.26 | 3.52 | 3.71 | 5.58 | 4.96 | 3.06 | -1.36 | 0.04 |
| 2.19 | 3.62 | 3.88 | 4.07 | 5.94 | 5.56 | 3.90 | -1.44 | 0.08 |
| 2.31 | 3.86 | 4.12 | 4.31 | 6.18 | 5.44 | 3.42 | -1.56 | 0.12 |
| 2.43 | 3.86 | 4.00 | 4.19 | 6.30 | 5.56 | 3.54 | -1.68 | 0.12 |
| 2.55 | 3.98 | 3.88 | 3.95 | 6.06 | 5.56 | 3.54 | -1.80 | 0.12 |
| 2.55 | 3.98 | 4.24 | 4.43 | 6.54 | 5.68 | 3.54 | -1.96 | 0.16 |
| 2.07 | 3.62 | 4.12 | 4.43 | 6.30 | 5.68 | 3.66 | -2.12 | 0.16 |
| 1.95 | 3.62 | 4.00 | 4.19 | 6.18 | 5.32 | 2.82 | -2.24 | 0.12 |
| 1.47 | 3.26 | 4.00 | 4.19 | 6.30 | 5.92 | 4.14 | -2.36 | 0.12 |
| 1.95 | 3.50 | 4.12 | 4.55 | 6.42 | 6.04 | 4.26 | -2.48 | 0.12 |
| 2.07 | 3.62 | 3.88 | 4.19 | 6.18 | 5.68 | 4.86 | -2.60 | 0.12 |
| 2.54 | 3.97 | 4.60 | 4.91 | 6.90 | 6.16 | 3.42 | | |
| 2.67 | 4.10 | 4.60 | 4.91 | 6.90 | 5.80 | 3.54 | -2.48 | 0.12 |
| 3.63 | 4.82 | 5.32 | 5.87 | 7.62 | 6.64 | 4.50 | -2.60 | 0.12 |
| 2.91 | 4.10 | 4.60 | 5.27 | 7.14 | 6.76 | 5.10 | -2.72 | 0.12 |
| 2.31 | 3.38 | 3.52 | 4.31 | 6.18 | 6.40 | 5.10 | -2.84 | 0.12 |
| 2.67 | 3.62 | 3.76 | 4.43 | 6.18 | 6.16 | 4.86 | -2.76 | 0.08 |
| 3.15 | 4.22 | 4.12 | 4.67 | 6.30 | 6.04 | 4.62 | -2.72 | 0.04 |

Minor reduction in minimum overlay at curb line only - SAY OK

| | | | | | |
|----------------|--------|----------|--------|-------------|--|
| | | 1.63 | 22.66 | | |
| | | 4.80 | 112.55 | 878.85 | |
| | | 4.68 | 218.52 | 4138.29 | |
| | | 3.96 | 184.79 | 5041.28 | |
| | | 4.03 | 188.42 | 4665.11 | |
| | | 4.47 | 208.96 | 4967.25 | |
| | | 4.60 | 214.74 | 5296.28 | |
| Max | | 4.62 | 215.71 | 5380.75 | |
| 6.90 | | 4.55 | 212.38 | 5351.25 | |
| | | 4.79 | 223.87 | 5453.22 | |
| | | 4.64 | 216.59 | 5505.84 | |
| | | 4.44 | 207.24 | 5298.00 | |
| | | 4.56 | 212.80 | 5250.56 | |
| | | 4.75 | 221.82 | 5432.81 | |
| | | 4.61 | 215.19 | 5462.69 | |
| | | 5.07 | 236.87 | 5198.70 | |
| | | 5.04 | 235.63 | 472.50 | |
| | | 4.22 | 22.17 | 3222.44 | |
| | | Based on | | Based on | |
| | | Section | | Volume | |
| Average | Direct | 4.23 | 4.41 | 4.82 | |