



| CLEARING AND GRUBBING | | | | |
|-----------------------|---------|-----------|---------------|---------------|
| GROUP CODE | STATION | LOCATION | CLEARING I.D. | GRUBBING I.D. |
| 010 | 476+99 | 31.0' LT. | 24 | 24 |
| | 480+41 | 32.0' RT. | 28 | 28 |
| | 480+70 | 31.0' RT. | 36 | 36 |
| | 481+13 | 31.5' RT. | 16 | 16 |
| | 481+67 | 31.0' LT. | 20 | 20 |
| | 483+13 | 31.0' RT. | 12 | 12 |
| | 490+56 | 35.0' LT. | 4 | 4 |
| | 492+95 | 34.0' RT. | 4 | 4 |
| | 492+99 | 36.0' LT. | 3 | 3 |
| | 494+97 | 36.0' RT. | 3 | 3 |
| | 495+07 | 36.0' LT. | 4 | 4 |
| | 495+98 | 36.0' RT. | 3 | 3 |
| | 498+25 | 36.0' LT. | 3 | 3 |
| | 500+82 | 36.0' LT. | 4 | 4 |
| | 503+42 | 31.0' LT. | 15 | 15 |
| | 503+66 | 48.0' LT. | 18 | 18 |
| | 504+65 | 44.0' RT. | 24 | 24 |
| | 505+41 | 44.0' RT. | 24 | 24 |
| | 505+78 | 50.0' RT. | 12 | 12 |
| | 507+18 | 35.0' LT. | 14 | 14 |
| | 507+35 | 32.0' LT. | 14 | 14 |
| | 507+53 | 32.0' LT. | 36 | 36 |
| | 507+83 | 32.0' LT. | 40 | 40 |
| | 508+58 | 30.0' LT. | 40 | 40 |
| | 508+80 | 31.0' LT. | 40 | 40 |
| | 508+95 | 47.0' RT. | 10 | 10 |
| | 509+00 | 31.0' LT. | 20 | 20 |
| | 509+03 | 47.0' RT. | 10 | 10 |
| | 509+18 | 31.0' RT. | 24 | 24 |
| | 511+78 | 32.0' LT. | 20 | 20 |
| | 512+09 | 32.0' LT. | 14 | 14 |
| | 512+36 | 32.0' LT. | 16 | 16 |
| | 512+64 | 32.0' LT. | 16 | 16 |
| | 512+98 | 32.0' LT. | 16 | 16 |
| | 513+24 | 32.0' LT. | 18 | 18 |
| | 515+59 | 32.0' LT. | 14 | 14 |
| | 515+83 | 31.0' RT. | 14 | 14 |
| | 516+05 | 49.0' RT. | 10 | 10 |
| | 517+09 | 43.0' RT. | 4 | 4 |
| | 517+12 | 43.0' RT. | --- | 30 |
| | 517+50 | 49.0' RT. | 10 | 10 |
| | 518+25 | 46.0' RT. | 5 | 5 |
| | 518+37 | 31.0' LT. | --- | 5 |
| | 518+39 | 45.0' LT. | 14 | 14 |
| | 518+92 | 46.0' RT. | 6 | 6 |
| | 522+33 | 43.0' LT. | --- | 48 |
| | 522+80 | 49.0' RT. | 6 | 6 |
| | 522+95 | 49.0' RT. | 4 | 4 |
| | 523+08 | 45.0' LT. | 10 | 10 |
| | 523+29 | 43.0' RT. | 4 | 4 |
| | 523+41 | 48.0' RT. | 4 | 4 |
| | 523+71 | 34.0' RT. | 4 | 4 |
| | 524+30 | 31.0' LT. | 16 | 16 |
| | 524+75 | 31.0' LT. | 12 | 12 |
| | 526+40 | 43.0' RT. | 6 | 6 |
| | 526+65 | 31.0' LT. | 14 | 14 |
| | 526+80 | 44.0' RT. | 6 | 6 |
| TOTAL = | | | 768 | 851 |

| REMOVING PAVEMENT | | | | |
|-------------------|----------------------|-----------------|------------------|------------------|
| GROUP CODE | STATION | MAINLINE (S.Y.) | SIDERoads (S.Y.) | ENTRANCES (S.Y.) |
| 010 | 474+42-480+00 | 2631 | 425 | 188 |
| | 480+00-485+00 | 2309 | 70 | 176 |
| | 485+00-490+50 | 3645 | 357 | 206 |
| | 490+50-495+50 | 3362 | 201 | 177 |
| | 495+50-501+00 | 3676 | 233 | 272 |
| | 501+00-506+11 | 2429 | 197 | 276 |
| | 506+11-511+46 | 2466 | 149 | 86 |
| | 511+46-517+00 | 2557 | 265 | 73 |
| | 517+00-522+00 | 2298 | 181 | 93 |
| | 522+00-527+25 | 2427 | 126 | 104 |
| 030 | 483+86. 90'-115' RT | --- | --- | 19 |
| | 521+10. 152'-162' LT | --- | --- | 1 |
| TOTAL = | | 27800 | 2204 | 1671 |

| CRUSHED AGGREGATE BASE COURSE | | | | | | CRUSHED AGGREGATE BASE COURSE OPEN GRADED, NUMBER 2 | | | | | |
|-------------------------------|----------------------|---------------------------|-----------------|------------------|------------------|--|-----------------|------------------|-------------------------|------------------------|-------------------------|
| GROUP CODE | STATION | TEMPORARY WIDENING (TONS) | MAINLINE (TONS) | SIDERoads (TONS) | ENTRANCES (TONS) | CURB and GUTTER (TONS) | MAINLINE (TONS) | SIDERoads (TONS) | EDGEDRAIN SYSTEM (TONS) | CURB and GUTTER (TONS) | BREAKER RUN STONE (TON) |
| 010 | 474+42-480+00 | 222 | 1041 | 340 | 51 | 153 | 694 | 134 | 71 | 230 | |
| | 480+00-485+00 | 217 | 939 | 86 | 44 | 125 | 626 | 38 | 58 | 188 | |
| | 485+00-490+50 | 154 | 1191 | 174 | 51 | 140 | 794 | 95 | 64 | 209 | |
| | 490+50-495+50 | --- | 650 | 196 | 17 | 124 | 433 | 98 | 57 | 185 | |
| | 495+50-501+00 | --- | 1426 | 160 | 21 | 130 | 951 | 80 | 60 | 195 | |
| | 501+00-506+11 | 217 | 1178 | 282 | 34 | 143 | 785 | 138 | 66 | 215 | |
| | 506+11-511+46 | 234 | 1005 | 243 | 9 | 143 | 670 | 117 | 66 | 214 | |
| | 511+46-517+00 | 199 | 1040 | 373 | 13 | 137 | 694 | 174 | 63 | 206 | |
| | 517+00-522+00 | 185 | 939 | 203 | 7 | 127 | 626 | 97 | 58 | 190 | |
| | 522+00-527+25 | 195 | 986 | 170 | 22 | 131 | 657 | 75 | 60 | 196 | |
| | UNDISTRIBUTED | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 030 | 499+80. 50'-215' RT | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8380 |
| | 521+10. 193'-209' LT | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 040 | 479+41 | --- | --- | 32 | --- | --- | --- | --- | --- | --- | |
| TOTAL = | | 1623 | 10395 | 2259 | 272 | 1353 | 6930 | 1046 | 623 | 2028 | 8380 |

| REMOVING UTILITY POLES | | | |
|------------------------|---------|----------|------|
| GROUP CODE | STATION | LOCATION | EACH |
| 040 | 475+13 | 29' LT | 1 |
| | 489+67 | 32' RT | 1 |
| | 490+65 | 35' LT | 1 |
| | 491+69 | 35' RT | 1 |
| | 494+92 | 34' LT | 1 |
| | 496+07 | 33' RT | 1 |
| | 497+88 | 33' RT | 1 |
| | 498+74 | 33' RT | 1 |
| | 499+52 | 34' LT | 1 |
| | 501+08 | 33' RT | 1 |
| | 503+04 | 32' RT | 1 |
| | 504+43 | 32' RT | 1 |
| TOTAL = | | | 12 |

| REMOVING CONCRETE SIDEWALK | | | |
|----------------------------|---------------|-----------------------------|-----------------|
| GROUP CODE | STATION | MAINLINE & SIDERoads (S.Y.) | OUTWALKS (S.Y.) |
| 010 | 474+42-480+00 | 500 | 44 |
| | 480+00-485+00 | 408 | 34 |
| | 485+00-490+50 | 901 | 8 |
| | 490+50-495+50 | 1424 | 6 |
| | 495+50-501+00 | 1610 | --- |
| | 501+00-506+11 | 67 | 4 |
| | 506+11-511+46 | 610 | 59 |
| | 511+46-517+00 | 605 | 45 |
| | 517+00-522+00 | 274 | 55 |
| | 522+00-527+25 | 195 | 31 |
| TOTAL = | | 6594 | 286 |

| CONCRETE PAVEMENT | | | | |
|-------------------|---------------|----------|---------------|----------------------|
| GROUP CODE | STA. - STA. | LOCATION | 9 - INCH S.Y. | H.E.S. 9 - INCH S.Y. |
| 010 | 474+42-480+00 | MAINLINE | 3730 | 375 |
| | 480+00-485+00 | MAINLINE | 3020 | 0 |
| | 485+00-490+50 | MAINLINE | 2828 | 1201 |
| | 490+50-495+50 | MAINLINE | 2316 | 0 |
| | 495+50-501+00 | MAINLINE | 4563 | 87 |
| | 501+00-506+11 | MAINLINE | 3083 | 1023 |
| | 506+11-511+46 | MAINLINE | 3116 | 326 |
| | 511+46-517+00 | MAINLINE | 3294 | 387 |
| | 517+00-522+00 | MAINLINE | 2675 | 578 |
| | 522+00-527+25 | MAINLINE | 3295 | 0 |
| TOTAL = | | | 31920 | 3977 |

| ASPHALTIC CONCRETE PAVEMENT, TYPE MV | | | | | | |
|--------------------------------------|----------------------|-----------------------|--------------------|----------------------|-------------------------------------|---------------|
| GROUP CODE | STATION | TEMP. WIDENING (TONS) | PE/CE/ALLEY (TONS) | INTERSECTIONS (TONS) | ASPHALTIC MATERIAL PLANT MIX (TONS) | TACK COAT GAL |
| 010 | 474+42-480+00 | 81 | 21 | 48 | 9 | 16 |
| | 480+00-485+00 | 82 | 5 | 10 | 6 | 11 |
| | 485+00-490+50 | 47 | 3 | 11 | 4 | 7 |
| | 490+50-495+50 | 0 | 0 | 42 | 2 | 3 |
| | 495+50-501+00 | 0 | 0 | 33 | 2 | 3 |
| | 501+00-506+11 | 81 | 4 | 65 | 9 | 15 |
| | 506+11-511+46 | 95 | 2 | 54 | 9 | 24 |
| | 511+46-517+00 | 62 | 4 | 90 | 9 | 16 |
| | 517+00-522+00 | 82 | 0 | 21 | 6 | 9 |
| | 522+00-527+25 | 86 | 3 | 20 | 6 | 9 |
| 030 | 499+80. 50'-215' RT | --- | --- | 4 | --- | --- |
| | 521+10. 193'-209' LT | --- | --- | 1 | --- | --- |
| 040 | 479+41 | --- | --- | 29 | --- | --- |
| TOTAL = | | 616 | 42 | 428 | 64 | 113 |

| CONCRETE PAVEMENT GAPS | | |
|------------------------|---------------------------|------|
| GROUP CODE | LOCATION | EACH |
| 010 | MAINLINE 64TH STREET WEST | 1 |
| | MAINLINE 61ST STREET WEST | 1 |
| | MAINLINE 61ST STREET EAST | 1 |
| | MAINLINE 58TH STREET WEST | 1 |
| | MAINLINE 58TH STREET EAST | 1 |
| | MAINLINE 56TH STREET EAST | 1 |
| | MAINLINE 54TH STREET WEST | 1 |
| TOTAL = | | 7 |

LEVELS ON: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

MISCELLANEOUS QUANTITIES SHEET 2

CONCRETE DRIVEWAY / ALLEY

| GROUP CODE | STA - STA | PE (4-INCH) S.Y. | CE/ALLEY (6-INCH) S.Y. |
|------------|---------------------|------------------|------------------------|
| 010 | 474+42 - 480+00 | -- | 93 |
| | 480+00 - 485+00 | -- | 136 |
| | 485+00 - 490+50 | -- | 265 |
| | 490+50 - 495+50 | -- | 106 |
| | 495+50 - 501+00 | -- | 107 |
| | 501+00 - 506+11 | -- | 165 |
| | 506+11 - 511+46 | -- | 24 |
| | 511+46 - 517+00 | -- | 36 |
| | 517+00 - 522+00 | 36 | -- |
| | 522+00 - 527+25 | 103 | -- |
| 030 | 483+86. 90-115' RT | 19 | -- |
| | 521+10. 152-162' LT | 1 | -- |
| TOTAL = | | 159 | 932 |

CONCRETE CURB AND GUTTER. 30-INCH

| GROUP CODE | STA - STA | LOCATION | TYPE "A" L.F. | TYPE "D" L.F. |
|------------|-----------------|----------|---------------|---------------|
| 010 | 474+42 - 480+00 | LT/RT | 1154 | 60 |
| | 480+00 - 485+00 | LT/RT | 993 | -- |
| | 485+00 - 490+50 | LT/RT | 1074 | 30 |
| | 490+50 - 495+50 | LT/RT | 947 | 30 |
| | 495+50 - 501+00 | LT/RT | 998 | 30 |
| | 501+00 - 506+11 | LT/RT | 923 | 209 |
| | 506+11 - 511+46 | LT/RT | 1096 | 30 |
| | 511+46 - 517+00 | LT/RT | 981 | 105 |
| | 517+00 - 522+00 | LT/RT | 952 | 50 |
| | 522+00 - 527+25 | LT/RT | 1035 | -- |
| TOTAL = | | | 10153 | 544 |

CONCRETE CURB. TYPE A

| GROUP CODE | STA. TO STA. | LOCATION | L.F. |
|------------|-----------------|----------|------|
| 010 | 475+10 - 475+84 | LT | 74 |
| | 476+08 - 476+22 | LT | 14 |
| | 488+40 - 489+28 | LT | 88 |
| | 488+40 - 489+15 | RT | 89 |
| | 489+64 - 489+80 | LT | 16 |
| | 491+76 - 492+08 | RT | 32 |
| | 493+88 - 494+34 | RT | 46 |
| | 496+16 - 496+32 | RT | 20 |
| | 501+76 - 502+82 | LT | 32 |
| | 511+14 - 511+28 | LT | 16 |
| TOTAL = | | | 427 |

ADJUSTING MANHOLE COVERS

| GROUP CODE | STATION | LOCATION | EACH |
|------------|---------|----------|------|
| 040 | 487+47 | 20' LT | 1 |
| | 488+19 | 49' LT | 1 |
| | 488+19 | 48' RT | 1 |
| | 488+35 | 20' LT | 1 |
| | 501+08 | 19' LT | 1 |
| TOTAL = | | | 5 |

PIPE UNDERDRAIN. 6 - INCH

| CODE | STA - STA | LOCATION | PERFORATED L.F. | UNPERFORATED L.F. |
|---------|-----------------|----------|-----------------|-------------------|
| 010 | 474+42 - 480+00 | LT/RT | 1123 | 8 |
| | 480+00 - 485+00 | LT/RT | 1000 | -- |
| | 485+00 - 490+50 | LT/RT | 1104 | -- |
| | 490+50 - 495+50 | LT/RT | 977 | -- |
| | 495+50 - 501+00 | LT/RT | 1028 | -- |
| | 501+00 - 506+11 | LT/RT | 995 | -- |
| | 506+11 - 511+46 | LT/RT | 1128 | -- |
| | 511+46 - 517+00 | LT/RT | 1086 | -- |
| | 517+00 - 522+00 | LT/RT | 1002 | -- |
| | 522+00 - 527+25 | LT/RT | 1035 | -- |
| TOTAL = | | | 10478 | 8 |

ABANDON STRUCTURES

MANHOLES

| GROUP CODE | STATION | LOCATION | DEPTH OF STRUCTURE | EACH |
|------------|---------|----------|--------------------|------|
| 010 | 486+34 | 32' LT | 7' | 1 |
| | 486+97 | 32' RT | 7' | 1 |
| | 489+99 | 34' RT | 8' | 1 |
| | 509+45 | 42' LT | 5' | 1 |
| | 513+43 | 41' LT | 5' | 1 |
| TOTAL = | | | | 5 |

REMOVING STRUCTURES

| GROUP CODE | STATION | LOCATION | INLETS | | MANHOLES | |
|------------|---------|----------|-------------------------|------|-------------------------|------|
| | | | DEPTH OF STRUCTURE (FT) | EACH | DEPTH OF STRUCTURE (FT) | EACH |
| 010 | 475+18 | 20' LT | 3 | 1 | -- | -- |
| | 479+25 | 41' LT | 7 | 1 | -- | -- |
| | 492+08 | 34' LT | 3 | 1 | -- | -- |
| | 492+08 | 34' RT | 2.5 | 1 | -- | -- |
| | 492+11 | 31' RT | -- | -- | 2.5 | 1 |
| | 492+53 | 31' LT | -- | -- | 3.5 | 1 |
| | 492+53 | 31' RT | -- | -- | 4.5 | 1 |
| | 492+57 | 34' LT | 3 | 1 | -- | -- |
| | 492+57 | 34' RT | 3 | 1 | -- | -- |
| | 499+15 | 30' RT | 2.5 | 1 | -- | -- |
| | 499+62 | 30' LT | 5.5 | 1 | -- | -- |
| | 499+62 | 30' RT | 5 | 1 | -- | -- |
| | 503+26 | 31' LT | 4.5 | 1 | -- | -- |
| | 503+26 | 31' RT | 4.5 | 1 | -- | -- |
| | 509+45 | 30' LT | 5 | 1 | -- | -- |
| | 509+45 | 30' RT | 5 | 1 | -- | -- |
| | 511+62 | 41' LT | 7 | 1 | -- | -- |
| | 513+45 | 30' LT | 4 | 1 | -- | -- |
| | 513+45 | 30' RT | 4 | 1 | -- | -- |
| TOTAL = | | | 16 | | 3 | |

WATER

| GROUP CODE | STA - STA | LOCATION | MGAL |
|------------|-----------------|----------|------|
| 010 | 474+42 - 480+00 | MAINLINE | 2 |
| | 480+00 - 485+00 | MAINLINE | 2 |
| | 485+00 - 490+50 | MAINLINE | 2 |
| | 490+50 - 495+50 | MAINLINE | 2 |
| | 495+50 - 501+00 | MAINLINE | 2 |
| | 501+00 - 506+11 | MAINLINE | 2 |
| | 506+11 - 511+46 | MAINLINE | 2 |
| | 511+46 - 517+00 | MAINLINE | 2 |
| | 517+00 - 522+00 | MAINLINE | 2 |
| | 522+00 - 527+25 | MAINLINE | 2 |
| TOTAL = | | | 20 |

CALCIUM CHLORIDE SURFACE TREATMENT

| GROUP CODE | STA - STA | LOCATION | TON |
|------------|-----------------|----------|-----|
| 010 | 474+42 - 480+00 | MAINLINE | 5.7 |
| | 480+00 - 485+00 | MAINLINE | 5 |
| | 485+00 - 490+50 | MAINLINE | 6.4 |
| | 490+50 - 495+50 | MAINLINE | 6.8 |
| | 495+50 - 501+00 | MAINLINE | 7.4 |
| | 501+00 - 506+11 | MAINLINE | 5.3 |
| | 506+11 - 511+46 | MAINLINE | 5.4 |
| | 511+46 - 517+00 | MAINLINE | 5.6 |
| | 517+00 - 522+00 | MAINLINE | 5.1 |
| | 522+00 - 527+25 | MAINLINE | 5.3 |
| TOTAL = | | | 58 |

EROSION CONTROL

| GROUP CODE | LOCATION | SILT FENCE DELIVERED L.F. | SILT FENCE INSTALLED L.F. | MAINTENANCE L.F. | BLOCK & GRAVEL SEDIMENT FILTERS EACH | EROSION BALES EACH | EROSION MAT. CLASS I. TYPE A DELIVERED S.Y. | EROSION MAT. CLASS I. TYPE A INSTALLED S.Y. |
|------------|--|---------------------------|---------------------------|------------------|--------------------------------------|--------------------|---|---|
| 010 | UNDISTRIBUTED STRUCTURES IN GUTTER-LINE WASTE PIT/BORROW AREAS | 200 | 200 | 200 | 10 | 50 | 200 | 200 |
| TOTAL = | | 200 | 200 | 200 | 10 | 50 | 200 | 200 |

LOWER WATER MAIN

| GROUP CODE | STATION | LOCATION | 12-INCH | 6-INCH |
|------------|---------|----------|---------|--------|
| 010 | 501+54 | 13' LT | -- | 1 |
| | 511+80 | 20' LT | 1 | -- |
| | 516+40 | 8' LT | -- | 1 |
| TOTAL = | | | 1 | 2 |

PAVEMENT TIES

| GROUP CODE | STATION | LOCATION | EACH |
|------------|---------|----------|------|
| 010 | 487+98 | 68' LT | 15 |

DOWEL BARS

| GROUP CODE | STATION | LOCATION | EACH |
|------------|---------|----------|------|
| 010 | 474+42 | MAINLINE | 48 |
| | 527+25 | MAINLINE | 52 |
| TOTAL = | | | 100 |

REMOVING CONCRETE BASES

| GROUP CODE | STATION | LOCATION | COMMENT | SIZE | APPROX. REM. LENGTH FT | EACH |
|------------|---------|----------|-----------------|---------|------------------------|------|
| 010 | 488+41 | 43' RT | CONC. SIGN BASE | 18"x18" | 3 | 1 |
| | 488+48 | 48' LT | CONC. SIGN BASE | 18"x18" | 5 | 1 |
| | 489+55 | 44' RT | CONC. SIGN BASE | 18"x36" | 3 | 1 |
| TOTAL = | | | | | | 3 |

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

STORM SEWER - STRUCTURES
*SEE S.D.D. 8 A 7-3 TO DETERMINE SUMP ELEV. FOR CATCH BASINS

| GROUP CODE | STRUCT. NO. | STATION | LOCATION | CATCH BASIN. TYPE 1 EACH | CATCH BASIN. TYPE 3 EACH | INLET. TYPE 8 EACH | MANHOLE. TYPE 1 EACH | COVER TYPE | CASTING. FLOWLINE ELEV. | DISCHARGE ELEV.# |
|------------|-------------|----------|----------|--------------------------|--------------------------|--------------------|----------------------|------------|-------------------------|------------------|
| 010 | I1 | 474+65 | 48' RT | - | - | 1 | - | MS | 671.32 | 669.82 |
| | MH1 | 475+18 | 27' LT | - | - | - | - | K | 672.93 | 670.27 |
| | CB2 | 474+73 | 47' LT | - | 1 | - | - | A | 672.62 | 670.56 |
| | CB3 | 475+07 | 47' LT | - | 1 | - | - | A | 672.58 | 670.39 |
| | CB4 | 478+00 | 28' LT | - | 1 | - | - | A | 671.88 | 668.85 |
| | MH2 | 478+02 | 8' LT | - | - | - | - | K | 672.46 | 668.49 |
| | CB5 | 478+00 | 28' RT | - | 1 | - | - | A | 671.88 | 668.85 |
| | CB6 | 479+23 | 51' LT | 1 | - | - | - | H | 671.72 | 666.44 |
| | CB7 | 479+23 | 51' RT | - | 1 | - | - | A | 671.72 | 668.94 |
| | MH3 | 479+29 | 8' LT | - | - | - | - | K | 672.80 | 666.10 |
| | MH4 | 479+32.5 | 51' RT | - | - | - | 1 | K | 672.14 | 665.88 |
| | CB8 | 479+59 | 51' LT | - | 1 | - | - | A | 671.72 | 668.72 |
| | CB9 | 479+59 | 51' RT | - | 1 | - | - | A | 671.72 | 668.94 |
| | MH5 | 481+41 | 8' LT | - | - | - | - | K | 673.50 | 669.26 |
| | CB10 | 481+50 | 28' LT | - | 1 | - | - | A | 672.94 | 669.91 |
| | CB11 | 481+50 | 28' RT | - | 1 | - | - | A | 672.94 | 669.91 |
| | MH6 | 483+43 | 8' LT | - | - | - | - | K | 674.15 | 669.83 |
| | CB12 | 483+39 | 28' LT | - | 1 | - | - | A | 673.56 | 670.53 |
| | CB13 | 483+45 | 48' RT | - | 1 | - | - | A | 673.14 | 670.11 |
| | CB14 | 483+81 | 48' RT | - | 1 | - | - | A | 673.14 | 670.29 |
| | MH7 | 487+13 | 8' LT | - | - | - | - | K | 674.60 | 670.60 |
| | CB15 | 487+13 | 28' LT | - | 1 | - | - | A | 674.02 | 670.94 |
| | CB16 | 487+13 | 28' RT | - | 1 | - | - | A | 674.02 | 670.98 |
| | CB17 | 487+80 | 58' RT | - | 1 | - | - | A | 674.03 | 671.00 |
| | MH8 | 487+98 | 8' LT | - | - | - | 1 | K | 675.08 | 670.26 |
| | CB18 | 488+16 | 58' RT | - | 1 | - | - | A | 674.00 | 671.15 |
| | CB19 | 489+70 | 38' LT | - | 1 | - | - | A | 673.74 | 670.49 |
| | CB20 | 489+70 | 38' RT | - | 1 | - | - | A | 673.74 | 670.57 |
| | MH9 | 489+70 | 8' LT | - | - | - | 1 | K | 674.53 | 669.82 |
| | MH10 | 492+52 | 8' LT | - | - | - | - | K | 673.52 | 668.97 |
| | CB21 | 492+12 | 59' LT | - | 1 | - | - | A | 672.38 | 669.38 |
| | CB22 | 492+12 | 59' RT | - | 1 | - | - | A | 672.52 | 669.52 |
| | CB23 | 492+52 | 59' LT | - | 1 | - | - | A | 672.38 | 669.18 |
| | CB24 | 492+52 | 59' RT | - | 1 | - | - | A | 672.40 | 669.32 |
| | MH11 | 492+96 | 8' LT | - | - | - | 1 | K | 673.45 | 668.84 |
| | CB25 | 492+96 | 38' LT | - | 1 | - | - | A | 672.66 | 669.41 |
| | CB26 | 492+96 | 38' RT | - | 1 | - | - | A | 672.66 | 669.41 |
| | MH12 | 496+73 | 8' LT | - | - | - | - | K | 674.57 | 667.33 |
| | CB27 | 496+35 | 59' LT | - | 1 | - | - | A | 673.42 | 669.92 |
| | CB28 | 496+71 | 59' LT | - | 1 | - | - | A | 673.42 | 669.56 |
| | MH13 | 498+50 | 10.6' LT | - | - | - | - | K | 674.16 | 666.62 |
| | CB29 | 498+46 | 40.5' LT | - | 1 | - | - | A | 673.22 | 669.72 |
| | CB30 | 498+46 | 40.5' RT | - | 1 | - | - | A | 673.22 | 669.72 |
| | MH14 | 500+48 | 13' LT | - | - | - | 1 | K | 673.98 | 666.03 |
| | CB31 | 499+45 | 42.9' LT | - | 1 | - | - | A | 673.26 | 669.74 |
| | CB32 | 500+32 | 43' LT | - | 1 | - | - | A | 673.10 | 668.87 |
| | CB33 | 500+48 | 33' RT | - | 1 | - | - | A | 673.14 | 669.12 |
| | CB34 | 501+28 | 59' LT | - | 1 | - | - | A | 673.64 | 670.41 |

*TEMP ELEV. 673.22

STORM SEWER-STRUCTURES
ITEM SUMMARY

| ITEM | EACH |
|------------------------|------|
| CATCH BASIN. TYPE 1 | 1 |
| CATCH BASIN. TYPE 3 | 57 |
| INLET. TYPE 8 | 1 |
| MANHOLE. TYPE 1 | 25 |
| MANHOLE. TYPE 3 | 1 |
| MANHOLE COVER. TYPE A | 57 |
| MANHOLE COVER. TYPE H | 1 |
| MANHOLE COVER. TYPE K | 26 |
| MANHOLE COVER. TYPE MS | 1 |

STORM SEWER - STRUCTURES. (CONT.)
*SEE S.D.D. 8 A 7-3 TO DETERMINE SUMP ELEV. FOR CATCH BASINS

| GROUP CODE | STRUCT. NO. | STATION | LOCATION | CATCH BASIN. TYPE 3 EACH | MANHOLE. TYPE 1 EACH | MANHOLE. TYPE 3 EACH | COVER TYPE | CASTING. FLOWLINE ELEV. | DISCHARGE ELEV.# |
|------------|-------------|---------|----------|--------------------------|----------------------|----------------------|------------|-------------------------|------------------|
| 010 | MH15 | 501+35 | 13' LT | - | - | 1 | K | 674.75 | 662.64 |
| | CB35 | 501+64 | 54' LT | 1 | - | - | A | 673.57 | 670.52 |
| | MH16 | 503+25 | 13' LT | - | 1 | - | K | 673.62 | 668.38 |
| | CB36 | 503+25 | 34' LT | 1 | - | - | A | 673.00 | 669.97 |
| | CB37 | 503+25 | 44' RT | 1 | - | - | A | 673.02 | 669.99 |
| | CB58 | 505+93 | 59' LT | 1 | - | - | A | 673.69 | 670.91 |
| | MH17 | 506+30 | 8' LT | - | 1 | - | K | 674.59 | 669.54 |
| | CB38 | 506+29 | 59' LT | 1 | - | - | A | 673.69 | 670.83 |
| | MH18 | 508+68 | 8' LT | - | 1 | - | K | 673.83 | 669.83 |
| | CB39 | 508+74 | 28' LT | 1 | - | - | A | 673.24 | 670.18 |
| | CB40 | 508+74 | 28' RT | 1 | - | - | A | 673.24 | 670.18 |
| | CB42 | 511+20 | 44' RT | 1 | - | - | A | 673.80 | 670.80 |
| | MH49 | 511+62 | 41' LT | - | 1 | - | K | 673.98 | 666.90 |
| | CB43 | 511+80 | 44' RT | 1 | - | - | A | 673.80 | 670.62 |
| | MH20 | 511+86 | 8' LT | - | 1 | - | K | 674.53 | 667.04 |
| | MH21 | 513+45 | 8' LT | - | 1 | - | K | 673.69 | 667.50 |
| | CB44 | 513+76 | 28' LT | 1 | - | - | A | 673.08 | 669.83 |
| | CB45 | 513+76 | 28' RT | 1 | - | - | A | 673.08 | 669.83 |
| | CB59 | 516+15 | 49' LT | 1 | - | - | A | 673.81 | 670.72 |
| | CB60 | 516+15 | 54' RT | 1 | - | - | A | 673.78 | 670.75 |
| | MH22 | 516+51 | 8' LT | - | 1 | - | K | 674.50 | 668.34 |
| | CB46 | 516+49 | 49' LT | 1 | - | - | A | 673.81 | 670.58 |
| | CB47 | 516+49 | 54' RT | 1 | - | - | A | 673.78 | 670.62 |
| | MH23 | 520+27 | 8' LT | - | 1 | - | K | 674.12 | 669.30 |
| | CB48 | 520+37 | 28' LT | 1 | - | - | A | 673.56 | 670.57 |
| | CB49 | 520+37 | 28' RT | 1 | - | - | A | 673.56 | 670.57 |
| | MH24 | 521+06 | 8' LT | - | 1 | - | K | 674.27 | 669.47 |
| | CB50 | 521+06 | 55' LT | 1 | - | - | A | 673.39 | 670.27 |
| | CB51 | 521+08 | 54' RT | 1 | - | - | A | 673.51 | 670.33 |
| | CB52 | 521+48 | 55' LT | 1 | - | - | A | 673.39 | 670.39 |
| | CB53 | 521+44 | 54' RT | 1 | - | - | A | 673.51 | 670.44 |
| | MH25 | 524+24 | 8' LT | - | 1 | - | K | 674.54 | 670.30 |
| | CB54 | 524+37 | 28' LT | 1 | - | - | A | 673.98 | 670.93 |
| | CB55 | 524+37 | 28' RT | 1 | - | - | A | 673.98 | 670.93 |
| | MH26 | 525+44 | 8' LT | - | 1 | - | K | 674.91 | 670.57 |
| | CB56 | 525+44 | 43' LT | 1 | - | - | A | 674.04 | 671.01 |
| | CB57 | 525+44 | 43' RT | 1 | - | - | A | 674.08 | 671.05 |

TEMPORARY CULVERT PIPE

| GROUP CODE | STATION | LOCATION | SIZE | LENGTH | COMMENT |
|------------|----------|----------|------|--------|-------------------|
| 010 | 483+63.2 | 31.5' RT | 12" | 44' | 62ND STREET RT |
| | 513+34 | 31.5' RT | 12" | 26' | ASPH. ALLEY RT |
| | 523+55 | 31.5' RT | 12" | 26' | CONC. PE RT |
| | 524+26 | 31.5' RT | 12" | 28' | BIT. PE RT |
| | 526+93 | 31.5' RT | 12" | 30' | GRAV./CONC. PE RT |
| TOTAL = | | | | 154 | L.F. |

STORM SEWER - TEMPORARY CULVERT PIPE

| GROUP CODE | FROM | STATION | LOCATION | TO | STATION | LOCATION | SIZE | LENGTH | INLET ELEV. | DISCH. ELEV. |
|------------|------------|---------|----------|-----------|----------|----------|------|--------|-------------|--------------|
| 010 | TEMP.DITC. | 475+07 | 31' RT | EXIST.MH. | 474+57 | 31' RT | 12" | 50' | 671.16 | 670.68 |
| | TEMP.DITC. | 479+20 | 31' RT | MH4 | 479+32.5 | 51' RT | 12" | 24' | 671.47 | 671.22 |
| | TEMP.DITC. | 479+60 | 31' RT | MH4 | 479+32.5 | 51' RT | 12" | 34' | 670.97 | 670.62 |
| | TOTAL = | | | | | | | 108 | | L.F. |

RECONSTRUCTING MANHOLES

| GROUP CODE | STATION | LOCATION | EACH |
|------------|----------|----------|------|
| 010 | 479+32.5 | 51' RT | 1 |

ABANDON SEWER

| GROUP CODE | STATION | LOCATION | C.Y. |
|------------|---------|----------|------|
| 010 | 513+45 | 8' LT | 1 |

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

REINFORCED CONCRETE PIPE STORM SEWER
ITEM SUMMARY TABLE

| CLASS | PIPE DIA. | L.F. |
|-------|-----------|------|
| III | 12" | 753 |
| | 15" | 1391 |
| | 18" | 238 |
| | 21" | 220 |
| | 24" | 3595 |
| | 30" | 285 |
| IV | 12" | 57 |

REINFORCED CONCRETE PIPE STORM SEWER

REINFORCED CONCRETE PIPE STORM SEWER. (CONT.)

| GROUP CODE | FROM STRUCTURE | STATION | LOCATION | TO STRUCTURE | STATION | LOCATION | DIA. INCH | LENGTH | PIPE CLASS | INLET ELEV. | DISCH. ELEV. |
|------------|----------------|---------|----------|--------------|----------|----------|-----------|--------|------------|-------------|--------------|
| 010 | I1 | 474+65 | 48' RT | EXIST. MH. | 474+57 | 31' RT | 12 | 19' | III | 669.82 | 669.64 |
| | CB2 | 474+73 | 47' LT | CB3 | 475+07 | 47' LT | 12 | 34' | IV | 670.56 | 670.39 |
| | CB3 | 475+07 | 47' LT | MH1 | 475+18 | 27' LT | 12 | 23' | IV | 670.39 | 670.27 |
| | CB4 | 478+00 | 28' LT | MH2 | 478+02 | 8' LT | 12 | 20' | III | 668.85 | 668.65 |
| | CB5 | 478+00 | 28' RT | MH2 | 478+02 | 8' LT | 12 | 36' | III | 668.85 | 668.49 |
| | MH2 | 478+02 | 8' LT | MH3 | 479+29 | 8' LT | 24 | 127' | III | 668.46 | 667.17 |
| | CB8 | 479+59 | 51' LT | CB6 | 479+23 | 51' LT | 12 | 36' | III | 668.72 | 668.54 |
| | CB7 | 479+23 | 51' RT | MH4 | 479+32.5 | 51' RT | 12 | 9' | III | 668.94 | 668.85 |
| | CB9 | 479+59 | 51' RT | MH4 | 479+32.5 | 51' RT | 12 | 26' | III | 668.94 | 668.67 |
| | CB6 | 479+23 | 51' LT | MH3 | 479+29 | 8' LT | 21 | 43' | III | 666.44 | 666.10 |
| | MH3 | 479+29 | 8' LT | MH4 | 479+32 | 51' RT | 21 | 43' | III | 666.10 | 665.88 |
| | MH5 | 481+41 | 8' LT | MH3 | 479+29 | 8' LT | 24 | 212' | III | 669.26 | 668.60 |
| | MH6 | 483+43 | 8' LT | MH5 | 481+41 | 8' LT | 24 | 202' | III | 669.83 | 669.26 |
| | CB10 | 481+50 | 28' LT | MH5 | 481+41 | 8' LT | 15 | 22' | III | 669.91 | 669.81 |
| | CB11 | 481+50 | 28' RT | MH5 | 481+41 | 8' LT | 15 | 37' | III | 669.91 | 669.73 |
| | CB12 | 483+39 | 28' LT | MH6 | 483+43 | 8' LT | 15 | 20' | III | 670.53 | 670.33 |
| | CB13 | 483+45 | 48' RT | MH6 | 483+43 | 8' LT | 15 | 56' | III | 670.11 | 669.83 |
| | CB14 | 483+81 | 48' RT | CB13 | 483+45 | 48' RT | 12 | 36' | III | 670.29 | 670.11 |
| | MH7 | 487+13 | 8' LT | MH8 | 487+98 | 8' LT | 24 | 112' | III | 670.60 | 670.26 |
| | CB15 | 487+13 | 28' LT | MH7 | 487+13 | 8' LT | 12 | 20' | III | 670.94 | 670.84 |
| | CB16 | 487+13 | 28' RT | MH7 | 487+13 | 8' LT | 12 | 36' | III | 670.98 | 670.80 |
| | CB17 | 487+80 | 58' RT | MH8 | 487+98 | 8' LT | 15 | 68' | III | 671.00 | 670.67 |
| | CB18 | 488+16 | 58' RT | CB17 | 487+80 | 58' RT | 12 | 36' | III | 671.15 | 671.00 |
| | CB19 | 489+70 | 38' LT | MH9 | 489+70 | 8' LT | 15 | 30' | III | 670.49 | 670.40 |
| | CB20 | 489+70 | 38' RT | MH9 | 489+70 | 8' LT | 15 | 46' | III | 670.57 | 670.43 |
| | MH10 | 492+52 | 8' LT | MH11 | 492+96 | 8' LT | 24 | 44' | III | 668.97 | 668.84 |
| | CB21 | 492+12 | 59' LT | CB23 | 492+52 | 59' LT | 12 | 40' | III | 669.38 | 669.18 |
| | CB22 | 492+12 | 59' RT | CB24 | 492+52 | 59' RT | 12 | 40' | III | 669.52 | 669.32 |
| | CB24 | 492+52 | 59' RT | MH10 | 492+52 | 8' LT | 15 | 67' | III | 669.32 | 668.97 |
| | CB25 | 492+96 | 38' LT | MH11 | 492+96 | 8' LT | 15 | 30' | III | 669.41 | 669.11 |
| | CB26 | 492+96 | 38' RT | MH11 | 492+96 | 8' LT | 15 | 46' | III | 669.41 | 668.95 |
| | MH11 | 492+96 | 8' LT | MH12 | 496+73 | 8' LT | 24 | 377' | III | 668.84 | 667.33 |
| | MH12 | 496+73 | 8' LT | MH13 | 498+50 | 10.6' LT | 24 | 177' | III | 667.33 | 666.62 |
| | MH13 | 498+50 | 10.6' LT | MH14 | 500+48 | 13' LT | 30 | 198' | III | 666.62 | 666.03 |
| | CB27 | 496+35 | 59' LT | CB28 | 496+71 | 59' LT | 12 | 36' | III | 669.92 | 669.56 |
| | CB28 | 496+71 | 59' LT | MH12 | 496+73 | 8' LT | 15 | 51' | III | 669.56 | 669.05 |
| | CB29 | 498+46 | 40.5' LT | MH13 | 498+50 | 10.6' LT | 15 | 30' | III | 669.72 | 669.42 |
| | CB30 | 498+46 | 40.5' RT | MH13 | 498+50 | 10.6' LT | 15 | 51' | III | 669.72 | 669.21 |
| | CB31 | 499+45 | 42.9' LT | CB32 | 500+32 | 43' LT | 12 | 87' | III | 669.74 | 668.87 |
| | CB32 | 500+32 | 43' LT | MH14 | 500+48 | 13' LT | 15 | 34' | III | 668.87 | 668.57 |

| GROUP CODE | FROM STRUCTURE | STATION | LOCATION | TO STRUCTURE | STATION | LOCATION | DIA. INCH | LENGTH | PIPE CLASS | INLET ELEV. | DISCH. ELEV. |
|------------|----------------|---------|----------|--------------|---------|----------|-----------|--------|------------|-------------|--------------|
| 010 | CB33 | 500+48 | 33' RT | MH14 | 500+48 | 13' LT | 15 | 20' | III | 669.12 | 668.51 |
| | MH14 | 500+48 | 13' LT | MH15 | 501+35 | 13' LT | 30 | 87' | III | 666.03 | 665.76 |
| | MH16 | 503+25 | 13' LT | MH15 | 501+35 | 13' LT | 24 | 190' | III | 668.38 | 667.96 |
| | CB35 | 501+64 | 54' LT | CB34 | 501+28 | 59' LT | 12 | 36' | III | 670.52 | 670.41 |
| | CB34 | 501+28 | 59' LT | EXIST. MH | 501+35 | 32' LT | 15 | 47' | III | 670.41 | 670.33 |
| | CB36 | 503+25 | 34' LT | MH16 | 503+25 | 13' LT | 15 | 21' | III | 669.97 | 669.90 |
| | CB37 | 503+25 | 44' RT | MH16 | 503+25 | 13' LT | 15 | 56' | III | 669.99 | 669.82 |
| | CB58 | 505+93 | 59' LT | CB38 | 506+29 | 59' LT | 12 | 36' | III | 670.91 | 670.83 |
| | MH17 | 506+30 | 8' LT | MH16 | 503+25 | 13' LT | 24 | 305' | III | 669.54 | 668.38 |
| | MH18 | 508+68 | 8' LT | MH17 | 506+30 | 8' LT | 18 | 238' | III | 669.83 | 669.54 |
| | CB38 | 506+29 | 59' LT | MH17 | 506+30 | 8' LT | 15 | 51' | III | 670.83 | 670.67 |
| | CB39 | 508+74 | 28' LT | MH18 | 508+68 | 8' LT | 15 | 20' | III | 670.18 | 670.13 |
| | CB40 | 508+74 | 28' RT | MH18 | 508+68 | 8' LT | 15 | 36' | III | 670.18 | 670.10 |
| | CB42 | 511+20 | 44' RT | CB43 | 511+80 | 44' RT | 12 | 60' | III | 670.80 | 670.62 |
| | CB43 | 511+80 | 44' RT | MH20 | 511+86 | 8' LT | 15 | 52' | III | 670.62 | 670.46 |
| | MH22 | 516+51 | 8' LT | MH21 | 513+45 | 8' LT | 24 | 306' | III | 668.34 | 667.50 |
| | MH21 | 513+45 | 8' LT | MH20 | 511+86 | 8' LT | 24 | 155' | III | 667.50 | 667.02 |
| | MH20 | 511+86 | 8' LT | MH19 | 511+61 | 41' LT | 24 | 41' | III | 667.02 | 666.90 |
| | CB44 | 513+76 | 28' LT | MH21 | 513+45 | 8' LT | 15 | 37' | III | 669.83 | 669.72 |
| | CB45 | 513+76 | 28' RT | MH21 | 513+45 | 8' LT | 15 | 46' | III | 669.83 | 669.69 |
| | CB59 | 516+15 | 49' LT | CB46 | 516+49 | 49' LT | 12 | 34' | III | 670.72 | 670.58 |
| | CB60 | 516+15 | 54' RT | CB47 | 516+49 | 54' RT | 12 | 34' | III | 673.75 | 670.62 |
| | CB46 | 516+49 | 49' LT | MH22 | 516+51 | 8' LT | 15 | 41' | III | 670.58 | 670.46 |
| | CB47 | 516+49 | 54' RT | MH22 | 516+51 | 8' LT | 15 | 62' | III | 670.62 | 670.43 |
| | MH23 | 520+27 | 8' LT | MH22 | 516+51 | 8' LT | 24 | 376' | III | 669.30 | 668.34 |
| | MH24 | 521+06 | 8' LT | MH23 | 520+27 | 8' LT | 24 | 79' | III | 669.47 | 669.30 |
| | CB48 | 520+37 | 28' LT | MH23 | 520+27 | 8' LT | 15 | 22' | III | 670.57 | 670.51 |
| | CB49 | 520+37 | 28' RT | MH23 | 520+27 | 8' LT | 15 | 37' | III | 670.57 | 670.46 |
| | CB52 | 521+48 | 55' LT | CB50 | 521+06 | 55' LT | 12 | 40' | III | 670.39 | 670.27 |
| | CB50 | 521+06 | 55' LT | MH24 | 521+06 | 8' LT | 15 | 47' | III | 670.27 | 670.14 |
| | CB53 | 521+44 | 54' RT | CB51 | 521+08 | 54' RT | 12 | 36' | III | 670.44 | 670.33 |
| | CB51 | 521+08 | 54' RT | MH24 | 521+06 | 8' LT | 15 | 62' | III | 670.33 | 670.14 |
| | MH25 | 524+24 | 8' LT | MH24 | 521+06 | 8' LT | 24 | 318' | III | 670.30 | 669.47 |
| | MH26 | 525+44 | 8' LT | MH25 | 524+24 | 8' LT | 24 | 120' | III | 670.57 | 670.30 |
| | CB54 | 524+37 | 28' LT | MH25 | 524+24 | 8' LT | 15 | 22' | III | 670.93 | 670.87 |
| | CB55 | 524+37 | 28' RT | MH25 | 524+24 | 8' LT | 15 | 38' | III | 670.93 | 670.82 |
| 040 | CB56 | 525+44 | 43' LT | MH26 | 525+44 | 8' LT | 15 | 35' | III | 671.01 | 670.91 |
| | CB57 | 525+44 | 43' RT | MH26 | 525+44 | 8' LT | 15 | 51' | III | 671.05 | 670.88 |
| | MH4 | 479+32 | 51' RT | EXIST. MH | 479+41 | 185' RT | 21 | 134' | III | 665.88 | 665.35 |
| | MH8 | 487+98 | 8' LT | MH9 | 489+70 | 8' LT | 24 | 172' | III | 670.26 | 669.82 |
| | MH9 | 489+70 | 8' LT | MH10 | 492+52 | 8' LT | 24 | 282' | III | 669.82 | 668.97 |

PAVEMENT MARKING EPOXY

| GROUP CODE | STA. - STA. | 4 - INCH L.F. | 8 - INCH L.F. | RAILROAD CROSSING EACH | STOP LINE 18 - INCH L.F. | CROSSWALK 12 - INCH L.F. | ARROWS TYPE 2 EACH | ARROWS TYPE 3 EACH | WORDS EACH | CURB RAMP L.F. | |
|------------|---------------|-------------------------------|---------------|------------------------|--------------------------|--------------------------|--------------------|--------------------|------------|----------------|----|
| 010 | 474+42-480+00 | 1154 | -- | -- | 64 | 874 | -- | -- | -- | 128 | |
| | 480+00-485+00 | 962 | -- | -- | 16 | 45 | -- | -- | -- | 32 | |
| | 485+00-490+50 | 1185 | -- | 4 | 38 | 522 | -- | -- | -- | 64 | |
| | 490+50-495+50 | 969 | -- | -- | -- | 464 | -- | -- | -- | 64 | |
| | 495+50-501+00 | 1212 | 50 | -- | -- | 432 | 1 | -- | 1 | 64 | |
| | 501+00-506+11 | 1224 | 153 | -- | -- | 464 | 2 | 1 | 2 | 96 | |
| | 506+11-511+46 | 1372 | -- | -- | -- | 352 | -- | -- | -- | 64 | |
| | 511+46-517+00 | 1373 | 70 | -- | -- | 544 | 1 | 1 | 1 | 96 | |
| | 517+00-522+00 | 1147 | -- | -- | -- | 348 | -- | -- | -- | 64 | |
| | 522+00-527+25 | 1259 | -- | -- | -- | 348 | -- | -- | -- | 64 | |
| | 040 | 485+00-490+50 (PARKING LANES) | 36 | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 495+50-501+00 (PARKING LANES) | 146 | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 501+00-506+11 (PARKING LANES) | 86 | -- | -- | -- | -- | -- | -- | -- | -- |
| TOTAL = | | 12125 | 273 | 4 | 398 | 4393 | 4 | 2 | 4 | 736 | |

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

TRAFFIC CONTROL

| GROUP CODE | PHASE | DRUMS DAYS | BARRICADES DAYS | SIGNS DAYS | WARNING LIGHTS, TYPE A DAYS | WARNING LIGHTS, TYPE C DAYS | TEMP. PAVT. MARKING L.F. | LANDMARK REFERENCE MONUMENTS AND ALUMINUM COVERS |
|------------|-----------|------------|-----------------|------------|-----------------------------|-----------------------------|--------------------------|--|
| 010 | PHASE I | 4824 | 840 | 864 | 432 | 384 | 4890 | |
| | PHASE II | 23760 | 6000 | 5520 | 2240 | 2560 | 11580 | |
| | PHASE III | 22960 | 5840 | 5840 | 2560 | 1760 | 12290 | |
| TOTAL | | 51544 | 12680 | 12224 | 5232 | 4704 | 28760 | |

| GROUP CODE | STATION | LOCATION | QUANTITY EACH |
|------------|---------|----------|---------------|
| 010 | 475+17 | 30' RT | 1 |
| | 501+72 | 35' RT | 1 |
| | 516+07 | 35' LT | 1 |
| TOTAL | | | 3 |

GEOTEXTILE FABRIC, TYPE DF

| GROUP CODE | STA.-STA. | S.Y. |
|------------|---------------|------|
| 010 | 474+42-480+00 | 749 |
| | 480+00-485+00 | 667 |
| | 485+00-490+50 | 736 |
| | 490+50-495+50 | 651 |
| | 495+50-501+00 | 685 |
| | 501+00-506+11 | 663 |
| | 506+11-511+46 | 752 |
| | 511+46-517+00 | 724 |
| | 517+00-522+00 | 668 |
| | 522+00-527+25 | 690 |
| TOTALS | | 6985 |

POLYSTYRENE INSULATION BOA

| GROUP CODE | STATION/LOCATION | S.F. |
|------------|------------------|-----------|
| 040 | 474+96 | 46' LT 64 |
| | 478+00 | 20' LT 64 |
| | 478+95 | 8' LT 64 |
| | 480+02 | 8' LT 64 |
| | 480+49 | 8' LT 64 |
| | 481+44 | 20' LT 64 |
| | 481+44 | 8' LT 64 |
| | 481+44 | 8' RT 64 |
| | 481+76 | 8' LT 64 |
| | 482+52 | 8' LT 64 |
| | 482+98 | 8' LT 64 |
| | 483+39 | 20' LT 64 |
| | 487+13 | 20' LT 64 |
| | 488+19 | 8' LT 64 |
| | 488+80 | 8' LT 64 |
| | 489+70 | 20' LT 64 |
| | 490+39 | 8' LT 64 |
| | 491+26 | 8' LT 64 |
| | 491+62 | 8' LT 64 |
| | 492+52 | 20' LT 64 |
| | 492+72 | 8' LT 64 |
| | 492+90 | 8' LT 64 |
| | 492+96 | 20' LT 64 |
| | 494+93 | 8' LT 64 |
| | 495+42 | 8' LT 64 |
| | 496+73 | 20' LT 64 |
| | 497+91 | 8' LT 64 |
| | 498+40 | 9' LT 64 |
| | 498+49 | 20' LT 64 |
| | 500+25 | 13' LT 64 |
| | 500+45 | 20' LT 64 |
| | 501+35 | 20' LT 64 |
| | 501+54 | 13' LT 64 |
| | 501+54 | 55' LT 64 |
| | 503+25 | 20' LT 64 |
| | 506+25 | 20' LT 64 |
| | 506+82 | 8' LT 64 |
| | 507+49 | 8' LT 64 |
| | 508+68 | 8' LT 64 |
| | 508+74 | 20' LT 64 |
| | 511+64 | 50' RT 64 |
| | 511+80 | 20' RT 64 |
| | 512+98 | 8' LT 64 |
| | 513+65 | 20' LT 64 |
| | 513+78 | 8' LT 64 |
| | 513+78 | 28' RT 64 |
| | 514+07 | 8' LT 64 |
| | 514+65 | 8' LT 64 |
| | 515+15 | 8' LT 64 |
| | 516+40 | 8' LT 64 |
| | 516+40 | 54' RT 64 |
| | 516+50 | 20' LT 64 |
| | 517+92 | 8' LT 64 |
| | 518+50 | 8' LT 64 |
| | 519+79 | 8' LT 64 |
| | 520+37 | 20' LT 64 |
| | 522+07 | 20' LT 64 |
| | 522+81 | 8' LT 64 |
| | 522+71 | 8' LT 64 |
| | 523+82 | 8' LT 64 |
| | 524+37 | 20' LT 64 |
| | 524+75 | 8' LT 64 |
| | 525+31 | 8' LT 64 |
| | 525+40 | 20' LT 64 |
| TOTAL | | 4096 |

EARTHWORK SUMMARY

| STA. | PHASE I (C.Y.) | PHASE II (C.Y.) | PHASE III (C.Y.) | TOTAL (C.Y.) |
|----------------------|----------------|-----------------|------------------|--------------|
| 474+42 TO 527+75 | | | | |
| UNC. EXC. | 2,416 | 14,308 | 12,253 | 28,977 |
| UNC. EXC. - SDWK* | | 224 | 211 | 435 |
| EBS - UNDIS.** | | 2,150 | 1,840 | 3,990 |
| EBS | | 406 | 345 | 751 |
| EBS BACKFILL+25% SHR | | 508 | 431 | 939 |
| FILL | | 224 | 619 | 843 |
| FILL+25% SHR | | 280 | 774 | 1,054 |
| WASTE | 2,416 | 16,300 | 13,444 | 32,160 |
| PETRO. CONT. SOIL | 255TON | 1390TON | 910TON | 2555TON |

* NOT SHOWN IN DETAIL SUMMARY OR ON X-SECTS
** QUANTITY FOR AREAS BACKFILLED WITH BREAKER RUN

TOPSOIL, MULCHING, FERTILIZING, SEEDING & SODDING

| GROUP CODE | STA.-STA. | TOPSOIL S.Y. | MULCH S.Y. | FERT. CWT. | SEED LBS. | TEMP SEED LBS. | SOD S.Y. |
|------------|---------------------------|--------------|------------|------------|-----------|----------------|----------|
| 010 | 474+42-480+00 | 1313 | | 0.8 | | | 1313 |
| | 480+00-485+00 | 1812 | | 1.1 | | | 1812 |
| | 485+00-490+50 | 845 | | 0.5 | | | 845 |
| | 490+50-495+50 | | | | | | |
| | 495+50-501+00 | | | | | | |
| | 501+00-506+11 | 738 | | 0.5 | | | 738 |
| | 506+11-511+46 | 1544 | | 1 | | | 1544 |
| | 511+46-517+00 | 1509 | | 1 | | | 1509 |
| | 517+00-522+00 | 1394 | | 0.9 | | | 1394 |
| | 522+00-527+25 | 1478 | | 0.9 | | | 1478 |
| 030 | BORROW PITS & WASTE AREAS | | 2500 | | 100 | 100 | |
| | 483+86, 45-92' RT | 10 | | | | | 10 |
| | 483+86, 115-142' RT | 6 | | | | | 6 |
| | 521+10, 70-152' LT | 18 | | | | | 18 |
| | 521+10, 162-192' LT | 7 | | | | | 7 |
| | 520+49-521+09, 210' | 9 | | | | | 9 |
| TOTALS | | 10683 | 2500 | 6.7 | 100 | 100 | 10683 |

SAWING EXISTING PAVEMENT

| GROUP CODE | STA. - STA. | SAWING EXISTING PAVEMENT L.F. | SAWING CONCRETE PAVEMENT, FULL DEPTH L.F. |
|------------|---------------------|-------------------------------|---|
| 010 | 474+42-480+00 | 380 | 606 |
| | 480+00-485+00 | 22 | 500 |
| | 485+00-490+50 | 24 | 537 |
| | 490+50-495+50 | 82 | 500 |
| | 495+50-501+00 | 65 | 550 |
| | 501+00-506+11 | 75 | 511 |
| | 506+11-511+46 | 58 | 535 |
| | 511+46-517+00 | 110 | 554 |
| | 517+00-522+00 | 64 | 500 |
| | 522+00-527+25 | 42 | 525 |
| 030 | 483+86, 90-115' RT | | 48 |
| | 499+80, 50-215' RT | 330 | |
| | 521+10, 152-162' LT | | 20 |
| | 521+10, 193-209' LT | 32 | |
| 040 | 479+41 | 260 | |
| TOTAL | | 1544 | 5386 |

SIDEWALK

| GROUP CODE | STA.-STA. | CONC. SDWK. 4-INCH S.F. | SELECTED BORROW EXC. SPECIAL TONS |
|------------|------------------|-------------------------|-----------------------------------|
| 020 | 474+42-480+00 | 5541 | 51 |
| | 480+00-485+00 | 5583 | 52 |
| | 485+00-490+50 | 7847 | 73 |
| | 490+50-495+50 | 9050 | 84 |
| | 495+50-501+00 | 10653 | 99 |
| | 501+00-506+11 | 4373 | 40 |
| | 506+11-511+46 | 6644 | 61 |
| | 511+46-517+00 | 4246 | 39 |
| | 517+00-522+00 LT | 2914 | 31 |
| | 517+00-517+40 RT | 424 | 4.5 |
| | 522+00-525+50 LT | 2116 | 22 |
| | 517+40-522+00 RT | 2529 | 27 |
| | 522+00-527+25 RT | 2418 | 26 |
| | 525+50-527+25 LT | 1147 | 12 |
| TOTALS | | 65485 | 621.5 |

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

PERMANENT SIGNING
GROUP CODE 040

| STATION | LOCATION | STEEL POSTS | | WOOD POSTS | | SIGN CODE | SIGN TYPE II REFLECTIVE | REMARKS | SF |
|---------|----------|-------------|--------|------------|-----|------------------------------------|-------------------------|---------|-------|
| | | TYPE H | TYPE H | 4" x 4" | 16" | | | | |
| 474+60 | 33' RT | 1 | | | | I-2-3 | | | 11.00 |
| 474+70 | 48' LT | 1 | | 1 | | R1-1 | | | 6.25 |
| 475+10 | 48' RT | 1 | | 1 | | R1-1 | | | 6.25 |
| 475+15 | 33' LT | 2 | | | | SP-12 | | | 16.50 |
| 475+15 | 33' RT | 2 | | | | R2-1 | | | 3.00 |
| 475+46 | 32.5' RT | | | | | R7-1D | | | 9.00 |
| 475+46 | 33' RT | 1 | | | | S1-1 | | | 14.00 |
| 476+60 | 32.5' LT | | | | | R7-1D | | | 3.00 |
| 476+60 | 32.5' RT | | | | | S4-51 | | | 11.00 |
| 477+75 | 32.5' LT | | | | | R7-1D | | | 3.00 |
| 478+89 | 32.5' LT | | | | | R7-1D | | | 12.00 |
| 479+12 | 32.5' RT | 1 | | | | S2-1, R7-1D | | | 6.25 |
| 479+20 | 48' LT | 1 | | | | R1-1 | | | 6.25 |
| 479+62 | 48' RT | 1 | | | | R1-1 | | | 6.25 |
| 479+71 | 32.5' LT | 1 | | | | S2-1, R7-1D | | | 12.00 |
| 479+95 | 30' RT | 1 | | | | R7-1D | | | 3.00 |
| 480+50 | 30' RT | 2 | | | | SP-11, R7-1D | | | 18.75 |
| 481+00 | 32.5' LT | | | | | S4-51, R7-1D | | | 11.00 |
| 482+05 | 32.5' RT | 2 | | | | R7-1D | | | 3.00 |
| 483+10 | 32.5' LT | | | | | S1-1, R7-1D | | | 12.00 |
| 483+83 | 48' RT | 1 | | | | R1-1 | | | 6.25 |
| 484+15 | 32.5' RT | | | | | M1-6, M2-1, R7-1D | | | 9.12 |
| 484+83 | 32.5' LT | | | | | M3-3, M1-6, R7-1D | | | 9.00 |
| 485+00 | 32' RT | 1 | | | | W10-1 | | | 7.07 |
| 485+55 | 32.5' RT | | | | | D1-2, R7-1D | | | 10.07 |
| 486+39 | 32.5' LT | | | | | W10-1, R7-1D | | | 10.07 |
| 486+99 | 32.5' RT | | | | | R7-1-R | | | 3.00 |
| 487+50 | 49' LT | | | 2 | | M4-6, M1-6, M1-6, M6-4 | | | 12.19 |
| 487+54 | 32.5' LT | | | | | R2-1, R7-1-L | | | 8.00 |
| 487+57 | 32' RT | | | 2 | | M3-4, M1-6, M6-1 | | | 18.12 |
| 487+71 | 49' LT | 1 | | | | R1-1 | | | 6.25 |
| 488+30 | 49' RT | 1 | | | | R1-1 | | | 6.25 |
| 488+38 | 32' RT | 2 | | | | D9-1R | | | 4.00 |
| 488+40 | 44' LT | 2 | | | | M3-3, M1-6, M6-1, M3-4, M1-6, M6-1 | | | 18.12 |
| 488+62 | 42' LT | | | | | R7-1-L, R7-1-R | | | 3.00 |
| 488+60 | 32' RT | 2 | | | | S1-1, R7-1-L | | | 9.00 |
| 489+14 | 42' LT | | | | | D1-2, R7-2-D | | | 3.00 |
| 490+14 | 42' RT | | | | | S4-51 | | | 6.00 |
| 491+20 | 42' LT | 2 | | | | R7-1-R | | | 8.00 |
| 491+67 | 42' RT | | | | | S2-1, R7-1-L | | | 3.00 |
| 491+67 | 42' LT | | | | | M1-6, M2-1 | | | 12.00 |
| 492+07 | 56' LT | 1 | | | | R1-1 | | | 6.19 |
| 492+56 | 56' RT | 1 | | | | R1-1 | | | 6.25 |
| 492+73 | 32' LT | 1 | | | | S2-1 | | | 9.00 |
| 492+97 | 42' RT | | | | | R7-1-L | | | 3.00 |
| 492+97 | 46' RT | | | | | M3-1, M1-6 | | | 6.00 |
| 493+89 | 42' RT | 2 | | | | R7-1-R | | | 3.00 |
| 494+34 | 42' LT | | | | | S4-51 | | | 8.00 |
| 494+75 | 42' RT | 2 | | | | R2-1, R7-2-D | | | 8.00 |
| 495+47 | 42' LT | 2 | | | | R7-1-L | | | 3.00 |
| 495+87 | 42' RT | | | | | R7-1-L | | | 3.00 |
| 495+87 | 42' LT | | | | | S1-1, R7-2-D | | | 9.00 |
| 496+22 | 56' LT | 1 | | | | R1-1 | | | 6.25 |
| 496+74 | 56' RT | 1 | | | | R1-1 | | | 6.25 |
| 497+31 | 42' LT | | | | | R7-1-L | | | 3.00 |
| 497+31 | 42' RT | | | | | R7-1D | | | 3.00 |
| 497+31 | 42' RT | 2 | | | | R7-1-R | | | 3.00 |
| 498+28 | 42' RT | 2 | | | | R7-52-R | | | 3.00 |
| 498+30 | 42' LT | 2 | | | | R7-52-L | | | 3.00 |
| 498+50 | 42' LT | | | | | R7-52-L | | | 3.00 |
| 499+04 | 42' RT | | | | | R7-2-R | | | 3.00 |
| 499+04 | 42' LT | | | | | M3-3, M1-6, R7-2-L | | | 9.00 |
| 499+37 | 42' RT | 2 | | | | R7-1-L | | | 3.00 |
| 499+41 | 42' LT | 2 | | | | R7-1-R | | | 3.00 |
| 500+77 | 37'8" LT | | | | | R2-1, R7-1D | | | 8.00 |
| 500+77 | 42' RT | 1 | | | | R1-1 | | | 3.00 |
| 501+26 | 56' LT | 1 | | | | R1-1 | | | 6.25 |
| 501+75 | 108' RT | 2 | | | | R1-1 | | | 6.25 |
| 502+12 | 37'3" LT | | | | | R3-55-R | | | 5.00 |
| 502+17 | 36'7" RT | | | | | R7-1-R | | | 3.00 |
| 503+26 | 37' RT | 2 | | | | R7-1-L | | | 3.00 |
| 503+26 | 36'7" RT | | | | | R7-7-D | | | 3.00 |
| 503+79 | 37' RT | | | | | R7-1D | | | 3.00 |
| 503+79 | 37'3" LT | 2 | | | | R7-1D | | | 3.00 |
| 504+70 | 34' LT | | | | | R7-1D | | | 3.00 |
| 505+41 | 38'5" RT | | | | | M3-1, M1-6, R7-1D | | | 9.00 |
| 505+41 | 38'5" LT | 2 | | | | R7-7-D | | | 3.00 |
| 505+80 | 41' LT | | | | | R1-1 | | | 6.25 |
| 505+90 | 50' LT | 1 | | | | R1-1 | | | 6.25 |
| 506+32 | 48' RT | | | | | R1-1 | | | 6.25 |
| 506+47 | 32'5" RT | 1 | | | | R7-1D | | | 3.00 |
| 506+47 | 32'5" LT | | | | | R7-1D | | | 3.00 |
| 507+61 | 32'5" RT | | | | | R7-1D | | | 3.00 |
| 508+74 | 32'5" LT | | | | | M3-3, M1-6, R7-1D | | | 9.00 |
| 509+87 | 32'5" RT | | | | | R7-1D | | | 3.00 |
| 511+00 | 32' RT | 3 | | | | R14-1, M6-1, 15-1, M6-1 | | | 13.12 |
| 511+00 | 32'5' LT | | | | | R2-1, R7-1D | | | 8.00 |
| 511+25 | 118' RT | 1 | | | | R1-1 | | | 6.25 |
| 511+75 | 48' RT | 2 | | | | R3-55-R | | | 5.00 |
| 511+75 | 48' RT | 1 | | | | R1-1 | | | 6.25 |
| 511+85 | 32' LT | 1 | | | | R14-1, M6-1 | | | 6.06 |
| 512+02 | 32'5" RT | | | | | R2-1, R7-1D | | | 3.00 |
| 512+98 | 32'5" LT | | | | | R7-1D | | | 3.00 |
| 513+94 | 32'5" RT | | | | | M1-6, M3-1, R7-1D | | | 9.00 |
| 514+90 | 32'5" LT | | | | | R7-1D | | | 3.00 |
| 515+86 | 32'5" RT | | | | | D9-2, M86-1, R7-1D | | | 10.06 |
| 516+10 | 48' LT | 1 | | | | R1-1 | | | 6.25 |
| 516+52 | 48' RT | 1 | | | | R1-1 | | | 6.25 |
| 516+81 | 32'5" LT | | | | | R7-1D | | | 3.00 |
| 517+79 | 32'5" RT | | | | | R7-1D | | | 3.00 |
| 518+76 | 32'5" LT | | | | | R7-1D | | | 3.00 |
| 519+74 | 32'5" RT | | | | | R7-1D | | | 3.00 |
| 520+71 | 32'5" LT | | | | | R7-1D | | | 3.00 |
| 521+05 | 48' LT | 1 | | | | R1-1 | | | 6.25 |
| 521+47 | 48' RT | 1 | | | | R1-1 | | | 6.25 |
| 521+71 | 32'5" RT | | | | | R7-1D | | | 3.00 |
| 522+73 | 32'5" LT | | | | | R7-1D | | | 3.00 |
| 523+73 | 32'5" RT | | | | | R7-1D | | | 3.00 |
| 524+73 | 32'5" LT | | | | | R7-1D | | | 3.00 |
| 525+05 | 100' RT | 1 | | | | W14-1 | | | 6.25 |
| 525+47 | 48' LT | 1 | | | | R1-1 | | | 6.25 |
| 525+47 | 48' RT | 1 | | | | R1-1 | | | 6.25 |
| 525+79 | 32'5" RT | | | | | R7-1D | | | 3.00 |
| 526+85 | 32'5" LT | | | | | R7-1D | | | 3.00 |

704.44

TOTALS = 67 36 6

PLANT DATA CHART

| SYMBOL | COMMON NAME | SCIENTIFIC NAME | TYPE | AVG. MATURE HEIGHT | SIZE WHEN PLANTED | ROOT ZONE MODE | MINIMUM SIZE BALL/POT DIAM. | MINIMUM SIZE PLANT HOLE DEPTH | BRACE OR GUY | FERT. UNITS REQ'D | RODENT PROTECT. REQ'D | SHEET 1 EACH | SHEET 2 EACH | SHEET 3 EACH | SHEET 4 EACH | SHEET 5 EACH | TOTAL EACH | | |
|--------------------------------|---|--|------|--------------------|-------------------|----------------|-----------------------------|-------------------------------|--------------|-------------------|-----------------------|--------------|--------------|--------------|--------------|--------------|------------|----|----|
| TALL GROWING DECIDUOUS TREES | | | | | | | | | | | | | | | | | | | |
| GA RM | ASH, MARSHALL'S SEEDLESS GREEN MAPLE, RED | FRAXINUS PENNSYLVANICA "MARSHALL'S SEEDLESS" ACER RUBRUM | 1 | 75' | 2-INCH CAL | B&B | 24" | 16" | 36" | 16" | BRACE | 3 | YES | | | | | | |
| | | | 1 | 75' | 2-INCH CAL | B&B | 24" | 16" | 36" | 16" | BRACE | 3 | YES | 8 | 1 | 0 | 6 | 10 | 25 |
| LOW GROWING DECIDUOUS TREES | | | | | | | | | | | | | | | | | | | |
| DH CA MA | HAWTHORN, DOWNY CRABAPPLE, THUNDERCHILD ASH, MOUNTAIN | CRATAEGUS MOLLIS MALUS "THUNDERCHILD" SORBUS AUCUPARIA | 3 | 25' | 2-INCH CAL | B&B | 24" | 16" | 36" | 16" | BRACE | 3 | YES | | | | | | |
| | | | 3 | 20' | 2-INCH CAL | B&B | 24" | 16" | 36" | 16" | BRACE | 3 | YES | 2 | 2 | 5 | 3 | 3 | 15 |
| | | | 3 | 25' | 2-INCH CAL | B&B | 24" | 16" | 36" | 16" | BRACE | 3 | YES | 3 | 2 | 0 | 5 | 7 | 17 |
| MEDIUM GROWING EVERGREEN TREES | | | | | | | | | | | | | | | | | | | |
| BS BS1 | SPRUCE, BLUE SPRUCE, BLUE | PICEA PUNGENS PICEA PUNGENS | 4 | 60' | 6-FT HT | B&B | 22" | 15" | 34" | 15" | BRACE | 4 | NO | | | | | | |
| | | | 4 | 60' | 4-FT HT | B&B | 16" | 12" | 28" | 12" | BRACE | 4 | NO | 0 | 0 | 0 | 1 | 3 | 4 |
| | | | | | | | | | | | | 1 | 0 | 0 | 1 | 1 | 3 | | |

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

| ELECTRICAL SERVICE, LIGHTING CONTROL CABINET & CONCRETE CONTROL CABINET BASES. GROUP CODE 030 | | | |
|---|-------------------------------|---|---|
| LOCATION | LIGHTING CONTROL CABINET EACH | CONCRETE CONTROL CABINET BASE TYPE 6 EACH | ELECTRICAL SERVICE, LIGHTING, METER BREAKER PEDESTAL L.S. |
| STA 483+30. 48.0' LT | 1 | 1 | 1 |
| STA 501+81. 65.0' RT | 1 | 1 | 1 |
| STA 521+00. 68.0' LT | 1 | 1 | 1 |
| TOTAL | 3 | 3 | 3 |

| REMOVAL & RELOCATION OF REDUCED SPEED WARNING LIGHT & CONTROLLER GROUP CODE 040 | | | | |
|---|----------------------|---|-------------------------------------|--|
| EXISTING LOCATION | RELOCATED LOCATION | RELOCATED REDUCED SPEED WARNING LIGHT & CONTROLLER EACH | WOOD POSTS 4x4-INCH x 14- FEET EACH | ELECTRICAL SERVICE, WARNING LIGHT, METER SOCKET L.S. |
| STA 475+20 25' FT.± | STA 435+35 32.3' RT. | 1 | 1 | 1 |
| TOTAL | | 1 | 1 | 1 |

| LIGHTING UNIT REMOVALS GROUP CODE 040 | | | |
|---------------------------------------|-------------------------------------|-------------------------|--------------------------|
| LOCATION | REMOVING WOOD LIGHTING POLES - EACH | REMOVING MAST ARMS EACH | REMOVING LUMINAIRES EACH |
| STA 475+15, 22' RT.± | 1 | 1 | 1 |
| STA 476+75, 22' LT.± | 1 | 1 | 1 |
| STA 477+55, 24' RT.± | 1 | 1 | 1 |
| STA 478+95, 24' LT.± | 1 | 1 | 1 |
| STA 479+75, 25' RT.± | 1 | 1 | 1 |
| STA 480+90, 22' LT.± | 1 | 1 | 1 |
| STA 482+05, 22' RT.± | 1 | 1 | 1 |
| STA 483+25, 23' LT.± | 1 | 1 | 1 |
| STA 483+85, 32' RT.± | 1 | 1 | 1 |
| STA 484+95, 32' LT.± | 1 | 1 | 1 |
| STA 486+60, 34' RT.± | 1 | 1 | 1 |
| STA 487+45, 35' LT.± | 1 | 1 | 1 |
| STA 488+45, 35' RT.± | 1 | 1 | 1 |
| STA 489+70, 34' LT.± | 1 | 1 | 1 |
| STA 490+70, 34' RT.± | 1 | 1 | 1 |
| STA 491+98, 32' LT.± | 1 | 1 | 1 |
| STA 492+65, 32' RT.± | 1 | 1 | 1 |
| STA 493+70, 32' LT.± | 1 | 1 | 1 |
| STA 494+80, 32' RT.± | 1 | 1 | 1 |
| STA 496+20, 32' LT.± | 1 | 1 | 1 |
| STA 496+90, 32' RT.± | 1 | 1 | 1 |
| STA 498+20, 32' LT.± | 1 | 1 | 1 |
| STA 499+85, 32' RT.± | 1 | 1 | 1 |
| STA 501+05, 33' LT.± | 1 | 1 | 1 |
| STA 502+05, 24' RT.± | 1 | 1 | 1 |
| STA 503+40, 24' LT.± | 1 | 1 | 1 |
| STA 504+58, 24' RT.± | 1 | 1 | 1 |
| STA 505+70, 30' LT.± | 1 | 1 | 1 |
| STA 506+60, 24' RT.± | 1 | 1 | 1 |
| TOTAL | 29 | 29 | 29 |

| PULL BOXES GROUP CODE 030 | | |
|---------------------------|----------------------|--------------------------------|
| PULL BOX NUMBER | LOCATION | PULL BOXES 24 X 36 - INCH EACH |
| PB-1 | STA 483+30, 32.0' LT | 1 |
| PB-2 | STA 479+85, 32.0' LT | 1 |
| PB-3 | STA 475+37, 32.0' LT | 1 |
| PB-4 | STA 484+78, 31.9' LT | 1 |
| PB-5 | STA 485+43, 32.1' RT | 1 |
| PB-6 | STA 487+10, 32.0' RT | 1 |
| PB-7 | STA 486+50, 32.0' LT | 1 |
| PB-8 | STA 488+55, 41.0' LT | 1 |
| PB-9 | STA 483+13, 32.1' LT | 1 |
| PB-10 | STA 479+00, 32.0' RT | 1 |
| PB-11 | STA 474+48, 31.7' RT | 1 |
| PB-12 | STA 487+53, 32.0' RT | 1 |
| PB-13 | STA 488+49, 41.0' RT | 1 |
| PB-14 | STA 491+80, 41.0' RT | 1 |
| PB-15 | STA 501+97, 37.4' RT | 1 |
| PB-16 | STA 501+97, 37.6' LT | 1 |
| PB-17 | STA 496+05, 41.0' LT | 1 |
| PB-18 | STA 492+80, 41.1' LT | 1 |
| PB-19 | STA 500+95, 36.0' RT | 1 |
| PB-20 | STA 497+05, 41.0' RT | 1 |
| PB-21 | STA 496+05, 41.0' RT | 1 |
| PB-22 | STA 510+88, 31.9' RT | 1 |
| PB-23 | STA 521+05, 68.0' LT | 1 |
| PB-24 | STA 515+80, 32.0' LT | 1 |
| PB-25 | STA 512+00, 32.0' LT | 1 |
| PB-26 | STA 521+83, 31.9' LT | 1 |
| PB-27 | STA 525+65, 31.9' LT | 1 |
| PB-28 | STA 520+75, 32.1' RT | 1 |
| PB-29 | STA 516+70, 32.1' RT | 1 |
| PB-30 | STA 524+82, 32.0' RT | 1 |
| TOTAL | | * 30 |

* ADDITION QUANTITIES LISTED ELSEWHERE

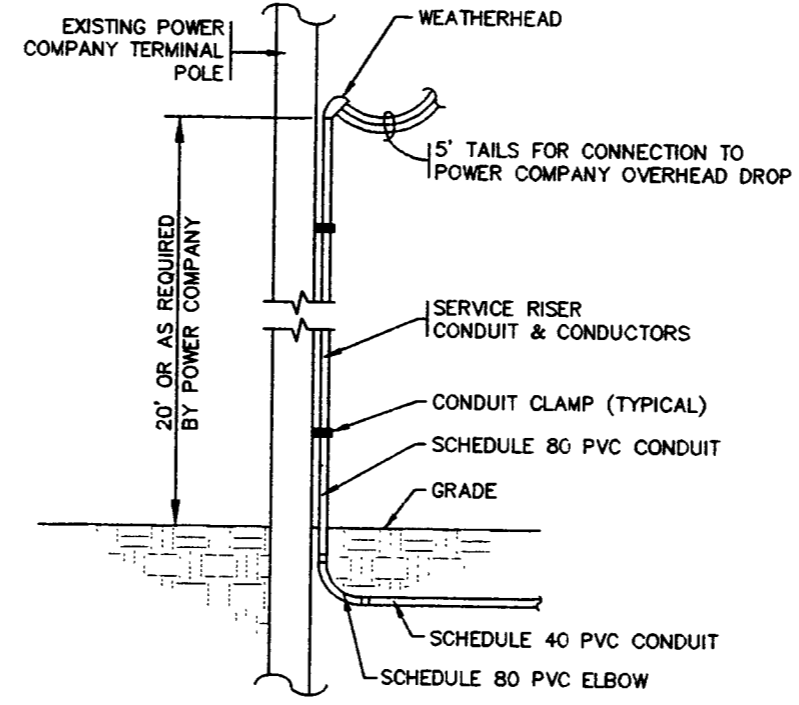
DATE: OCTOBER 24, 1995
 HVP JOB #22207
 SHEET #2320.01
 HVP DRAWING #023
 SCALE: 1/8" = 1'-0"

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
 + RISER CONDUIT ON TERMINAL BASE

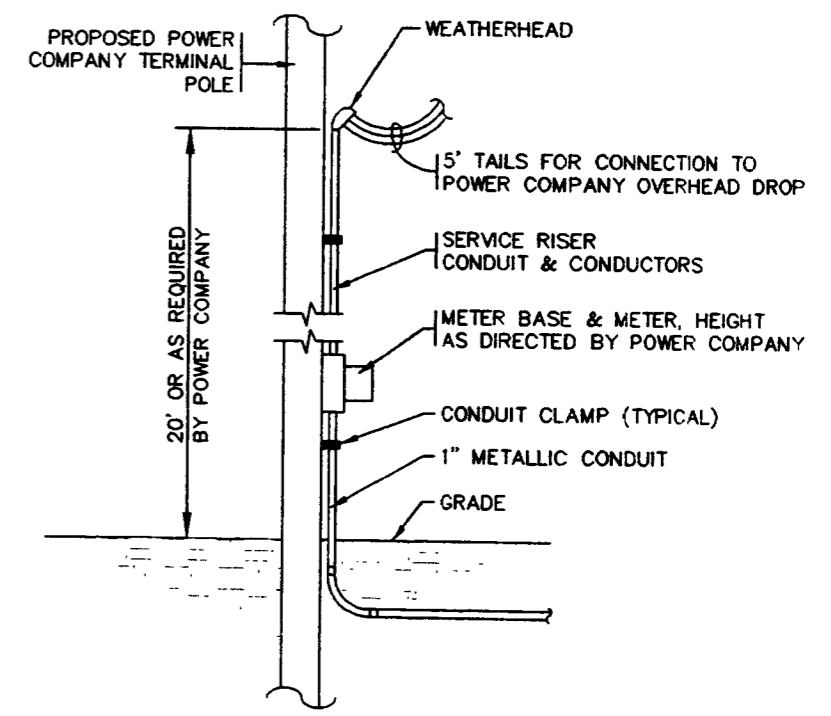
ELECTRICAL/LIGHTING QUANTITIES & DETAILS
TOWER AVENUE, CITY OF SUPERIOR
S.T.H. 35 DOUGLAS COUNTY

| CONDUIT & ELECTRICAL WIRE | | GROUP CODE | | | | | | |
|---|---|------------|---------------------------------|---|------------------------------|--|---------------------------------------|--|
| FROM | TO | 030 | NONMETALLIC CONDUIT 2-INCH L.F. | NONMETALLIC CONDUIT SCHEDULE 80 2-INCH L.F. | METALLIC CONDUIT 1-INCH L.F. | ELECTRICAL WIRE, LIGHTING, NO. 10 L.F. | ELECTRICAL WIRE, LIGHTING, NO. 2 L.F. | ELECTRICAL WIRE, LIGHTING, SPECIAL, NO. 1/0 L.F. |
| LIGHTING CONTROL CABINET NO.1, STA 483+30, 48.0' LT. | PB-31, STA 483+84.4, 50.0' RT. | | 115 | | | | 395 | |
| PB-31, STA 483+84.4, 50.0' RT. | EXISTING POWER COMPANY TERMINAL POLE, STA 483+84, 140' RT.± | | 90 | | | | 280 | |
| EXISTING POWER COMPANY TERMINAL POLE, STA 483+84, 140' RT.± | EXISTING POWER COMPANY TERMINAL POLE, STA 483+84, 140' RT.± | | | + 25 | | | 90 | |
| LIGHTING CONTROL CABINET NO.2, STA 501+81, 65.0' RT. | PB-32, STA 499+95, 40.0' RT. | | 195 | | | | | 625 |
| PB-32, STA 499+95, 40.0' RT. | EXISTING POWER COMPANY TERMINAL POLE, STA 499+80, 215' RT.± | | 190 | | | | | 580 |
| EXISTING POWER COMPANY TERMINAL POLE, STA 499+80, 215' RT.± | EXISTING POWER COMPANY TERMINAL POLE, STA 499+80, 215' RT.± | | | + 25 | | | | 90 |
| LIGHTING CONTROL CABINET NO.3, STA 521+00, 68.0' LT. | EXISTING POWER COMPANY TERMINAL POLE, STA 520+49, 210' LT.± | | 195 | | | | 615 | |
| EXISTING POWER COMPANY TERMINAL POLE, STA 520+49, 210' LT.± | EXISTING POWER COMPANY TERMINAL POLE, STA 520+49, 210' LT.± | | | + 25 | | | 90 | |
| RELOCATED REDUCED SPEED WARNING LIGHT & CONTROLLER, STA 475+35, 32.3' RT. | METER ON PROPOSED POWER COMPANY TERMINAL POLE, STA 475+18, 50' RT.± | | | | 30 | 110 | | |
| PROPOSED POWER COMPANY TERMINAL POLE, STA 475+18, 50' RT.± | PROPOSED POWER COMPANY TERMINAL POLE, STA 475+18, 50' RT.± | | | | + 15 | 70 | | |
| TOTAL | | | * 785 | 75 | 45 | 180 | 1,470 | 1,295 |

| PULL BOXES | | | GROUP CODE |
|-----------------|-------------------------|--------------------------------|------------|
| PULL BCX NUMBER | LOCATION | PULL BOXES 24 X 36 - INCH EACH | 030 |
| FB-31 | STA 483+84.4, 50.0' RT. | 1 | |
| FB-32 | STA 499+95, 40.0' RT. | 1 | |
| TOTAL | | * 2 | |



RISER POLE DETAIL
 LIGHTING CONTROL CABINETS



RISER POLE DETAIL
 REDUCED SPEED WARNING LIGHT

DATE: OCTOBER 24, 1995
 HVT JOB #032005
 HVT DRAWING PCT: 1/8"=1'-0"
 REVISED: SEH DRAWING

[A] CONDUIT INCLUDED WITH PB-5 TO PB-6 ROUTING, ABOVE.
 ‡ EMPTY CONDUIT.
 + SLEEVE UNDER DRIVEWAY OR ALLEY.
 * ADDITIONAL QUANTITIES LISTED ELSEWHERE

| | |
|--|-----------|
| STATE PROJECT NUMBER | SHEET NO. |
| 8010-13-71 | 3 M |
| ELECTRICAL/LIGHTING QUANTITIES TOWER AVENUE, CITY OF SUPERIOR S.T.H. 35 DOUGLAS COUNTY | |

| CONDUIT, ELECTRICAL WIRE & CABLE-IN-DUCT | | GROUP CODE 030 | | | | | | |
|--|------------------------------|---------------------------------------|---------------------------------------|----------------------------------|---|---|---|---|
| FROM | TO | NONMETALLIC CONDUIT 2-INCH L.F. | NONMETALLIC CONDUIT 3-INCH L.F. | CONDUIT, 3-INCH SPECIAL LF | ELECTRICAL WIRE, LIGHTING, NO. 6 L.F. | ELECTRICAL WIRE, LIGHTING, NO. 4 L.F. | CABLE-IN-DUCT 4 CONDUCTOR, NO. 6 L.F. | CABLE-IN-DUCT 4 CONDUCTOR, NO. 4 LF |
| LIGHTING CONTROL CABINET NO. 1, STA 483+30, 48.0' LT | PB-1 STA 483+30, 32.0' LT | | 30 | | 235 | 235 | | |
| PB-1 STA 483+30, 32.0' LT | F-1 STA 483+10, 32.5' LT | | | | | | 30 | |
| F-1 STA 483+10, 32.5' LT | F-2 STA 481+00, 32.5' LT | | | | | | 220 | |
| F-2 STA 481+00, 32.5' LT | PB-2 STA 479+85, 32.0' LT | + 40 | | | | | 125 | |
| PB-2 STA 479+85, 32.0' LT | F-3 STA 478+89, 32.5' LT | 95 | | | 415 | | | |
| F-3 STA 478+89, 32.5' LT | F-4 STA 476+60, 32.5' LT | + 80 | | | | | 240 | |
| F-4 STA 476+60, 32.5' LT | PB-3 STA 475+37, 32.0' LT | + 40 | | | | | 130 | |
| PB-3 STA 475+37, 32.0' LT | F-5 STA 474+33, 32.5' LT | 105 | | | 455 | | | |
| PB-4 STA 483+30, 32.0' LT | PB-4 STA 484+78, 31.9' LT | + 40 | | | | | | 155 |
| PB-4 STA 484+78, 31.9' LT | F-6 STA 484+83, 32.5' LT | 5 | | | | 105 | | |
| PB-4 STA 484+78, 31.9' LT | PB-5 STA 485+43, 32.1' LT | 95 | | | | 370 | | |
| PB-5 STA 485+43, 32.1' RT | PB-6 STA 487+10, 32.0' LT | | 90 | 80 | | 695 | | |
| PB-6 STA 487+10, 32.0' RT | PB-7 STA 486+50, 32.0' LT | 85 | | | | 365 | | |
| PB-7 STA 486+50, 32.0' LT | F-7 STA 486+45, 32.5' LT | 5 | | | | 105 | | |
| PB-7 STA 486+50, 32.0' LT | F-8 STA 487+54, 3.25' LT | 105 | | | | 450 | | |
| F-8 STA 487+54, 3.25' LT | PB-8 STA 488+55, 41.0' LT | 105 | | | | 440 | | |
| PB-8 STA 488+55, 41.0' LT | F-12 STA 488+27.6, 56.0' LT. | 30 | | | | 305 | | |
| PB-8 STA 488+55, 41.0' LT | F-9 STA 488+62, 42.0' LT | 10 | | | | 60 | | |
| F-9 STA 488+62, 42.0' RT | F-10 STA 490+14, 45.8' LT | 155 | | | | 660 | | |
| F-10 STA 490+14, 45.8' RT | F-11 STA 491+67, 45.8' LT | 155 | | | | 660 | | |
| F-11 STA 491+67, 45.8' RT | PB-18 STA 492+80, 41.1' LT | ‡ 115 | | | | | | |
| PB-1 STA 483+30, 32.0' RT | PB-9 STA 483+13, 32.1' RT | | 65 | | 285 | 285 | | |
| PB-9 STA 483+13, 32.1' RT | F-13 STA 482+05, 32.5' RT | | | | | | 120 | |
| F-13 STA 482+05, 32.5' RT | F-14 STA 479+95, 32.5' RT | | | | | | 220 | |
| F-14 STA 479+95, 32.5' RT | PB-10 STA 479+00, 38.0' RT | 95 | | | 415 | | | |
| PB-10 STA 479+00, 38.0' RT | F-15 STA 477+75, 32.5' RT | | | | | | 135 | |
| F-15 STA 477+75, 32.5' RT | F-16 STA 475+46, 32.5' RT | | | | | | 240 | |
| F-16 STA 475+46, 32.5' RT | PB-11 STA 474+48, 31.7' RT | ‡ 100 | | | | | | |
| PB-9 STA 483+13, 32.1' RT | F-17 STA 484+15, 32.5' RT | 105 | | | | 440 | | |
| F-17 STA 484+15, 32.5' RT | PB-5 STA 485+43, 32.1' RT | ‡ 25 | | | | | | 140 |
| PB-5 STA 485+43, 32.1' RT | F-18 STA 485+48, 32.5' RT | 5 | | | | 105 | | |
| PB-5 STA 485+43, 32.1' RT | PB-6 STA 487+10, 32.0' RT | [A] | | | | 695 | | |
| PB-6 STA 487+10, 32.0' RT | F-19 STA 487+05, 32.5' RT. | 5 | | | | 105 | | |
| PB-6 STA 487+10, 32.0' RT | PB-12 STA 487+53, 32.0' RT | 40 | | | | 185 | | |
| PB-12 STA 487+53, 32.0' RT | F-23 STA 487+68.5, 60.0' RT | 35 | | | | 345 | | |
| PB-12 STA 487+53, 32.0' RT | PB-13 STA 488+49, 41.0' RT | 105 | | | | 445 | | |
| PB-13 STA 488+49, 41.0' RT | F-20 STA 488+62, 42.0' RT | 15 | | | | 85 | | |
| F-20 STA 488+62, 42.0' RT | F-21 STA 490+14, 45.8' RT | 150 | | | | 640 | | |
| F-21 STA 490+14, 45.8' RT | F-22 STA 491+67, 42.0' RT | 160 | | | | 675 | | |
| F-22 STA 491+67, 42.0' RT | PB-14 STA 491+80, 41.0' RT | ‡ 15 | | | | | | |
| PB-14 STA 491+80, 41.0' RT | G-19 STA 492+97, 45.8' RT | ‡ 115 | | | | | | |
| LIGHTING CONTROL CABINET NO. 2, STA 501+81, 65.0' RT | PB-15 STA 501+97, 37.4' RT | | 70 | | | 1,330 | | |
| PB-15 STA 501+97, 37.4' RT | PB-16 STA 501+97, 37.6' LT | | 75 | | | 650 | | |
| PB-16 STA 501+97, 37.6' LT | G-20 STA 501+66.75, 66.0' LT | 40 | | | | 385 | | |
| PB-16 STA 501+97, 37.6' LT | G-1 STA 500+77, 37.8' LT | 120 | | | | 515 | | |
| G-1 STA 500+77, 37.8' LT | G-2 STA 499+04, 48.7' LT | 175 | | | | 740 | | |
| G-2 STA 499+04, 48.7' LT | G-3 STA 497+31, 45.8' LT | 175 | | | | 740 | | |
| G-3 STA 497+31, 45.8' LT | PB-17 STA 496+05, 41.0' LT | 125 | | | | 535 | | |
| PB-17 STA 496+05, 41.0' LT | G-4 STA 495+87, 42.0' LT | 20 | | | | 75 | | |
| G-4 STA 495+87, 42.0' LT | G-5 STA 494+34, 42.0' LT | 155 | | | | 655 | | |
| G-5 STA 494+34, 42.0' LT | G-6 STA 492+97, 42.0' LT | 140 | | | | 595 | | |
| G-6 STA 492+97, 42.0' LT | PB-18 STA 492+80, 41.1' LT | ‡ 15 | | | | | | |
| | TOTAL | * 3,200 | * 330 | 80 | * 1,805 | * 14,675 | * 1,460 | * 295 |

DATE: OCTOBER 24, 1985
 HVP JOB #2207
 HVP DRAWING #020
 SCALE: 1/8"=1'-0"
 REVISED.

