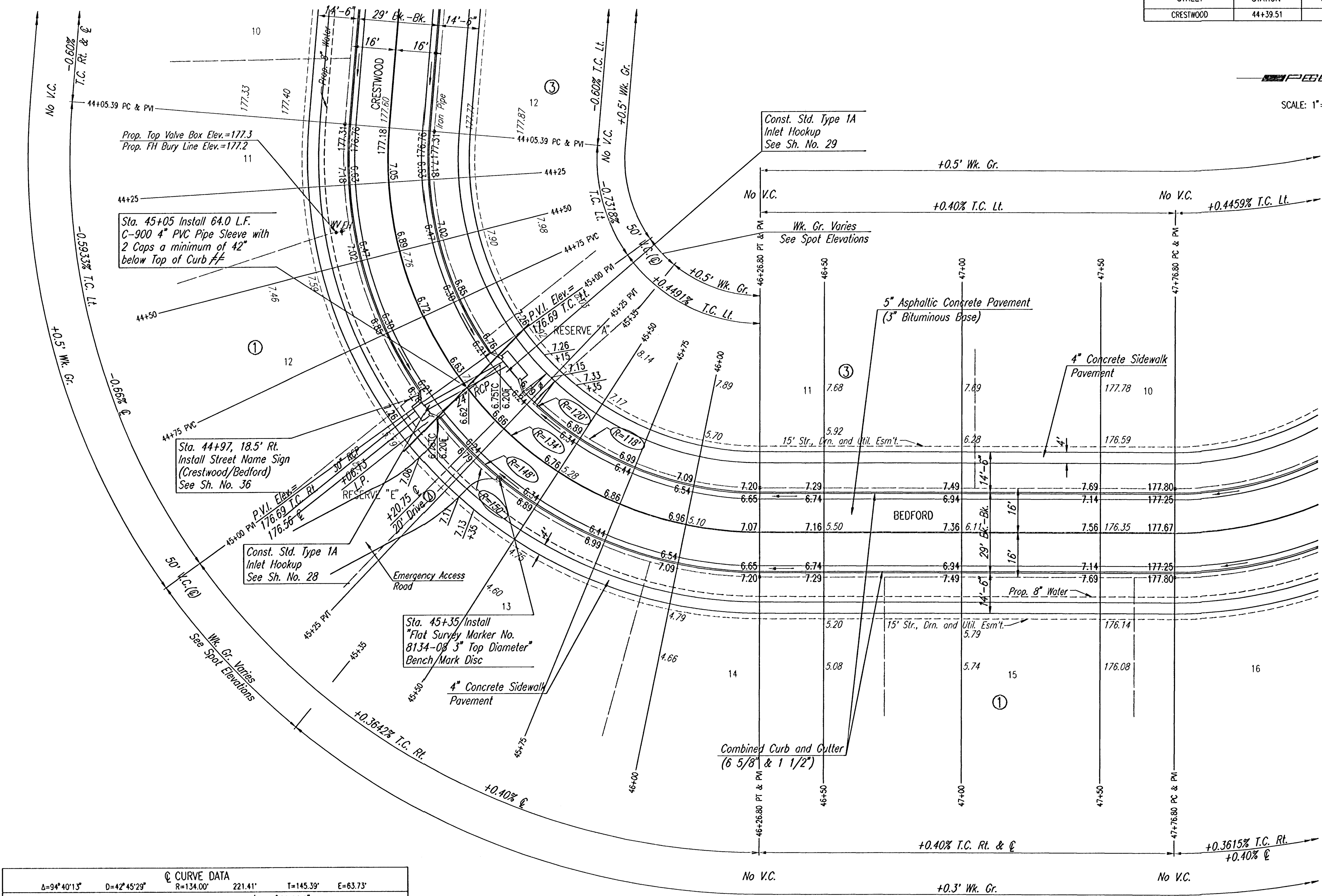


| PROJECT NO.                  | SHEET NO. | TOTAL SHEETS |
|------------------------------|-----------|--------------|
| 472-76-245-83077-000-000-001 | 9         | 60           |

| WATER VALVE BOX ELEVATIONS |          |            |                    |
|----------------------------|----------|------------|--------------------|
| STREET                     | STATION  | OFFSET     | PROPOSED ELEVATION |
| CRESTWOOD                  | 44+39.51 | 21.0' R.L. | 177.3              |



| C CURVE DATA                  |              |                      |            |                          |                       |                  |                    |
|-------------------------------|--------------|----------------------|------------|--------------------------|-----------------------|------------------|--------------------|
| $\Delta=94^{\circ}40'13"$     |              | $D=42^{\circ}45'29"$ |            | $R=134.00'$              |                       | $T=145.39'$      | $E=63.73'$         |
| CURVE DATA BASED ON C RADIUS  |              |                      |            |                          |                       |                  |                    |
| $\Delta/2=47^{\circ}20'06.5"$ |              |                      |            |                          |                       |                  |                    |
| C STATION                     | C ARC LENGTH | FACE CURB LENGTH     |            | CHORD LENGTH             |                       | DEFLECTION ANGLE | C TOTAL DEFLECTION |
|                               |              | LEFT CURB            | RIGHT CURB | 8'OFF LEFT FACE CURB     | 8'OFF RIGHT FACE CURB |                  |                    |
| 44+05.39                      | —            |                      |            |                          |                       | 0°00'00"         | 0°00'00"           |
| 44+25                         | 19.61'       | 17.55'               | 21.67'     | 16.38'                   | 22.81'                | 4°11'33"         | 4°11'33"           |
| 44+50                         | 25.00'       | 22.39'               | 27.61'     | 20.87'                   | 29.06'                | 5°20'41"         | 9°32'14"           |
| 44+75                         | 25.00'       | 22.39'               | 27.61'     | 20.87'                   | 29.06'                | 5°20'41"         | 14°52'55"          |
| 45+00                         | 25.00'       | 22.39'               | 27.61'     | 20.87'                   | 29.06'                | 5°20'41"         | 20°13'36"          |
| 45+25                         | 25.00'       | 22.39'               | 27.61'     | 20.87'                   | 29.06'                | 5°20'41"         | 25°34'17"          |
| 45+50                         | 25.00'       | 22.39'               | 27.61'     | 20.87'                   | 29.06'                | 5°20'41"         | 30°54'58"          |
| 45+75                         | 25.00'       | 22.39'               | 27.61'     | 20.87'                   | 29.06'                | 5°20'41"         | 36°15'39"          |
| 46+00                         | 25.00'       | 22.39'               | 27.61'     | 20.87'                   | 29.06'                | 5°20'41"         | 41°36'20"          |
| 46+25                         | 25.00'       | 22.39'               | 27.61'     | 20.87'                   | 29.06'                | 5°20'41"         | 46°57'01"          |
| 46+26.80                      | 1.80'        | 1.61'                | 1.99'      | 1.50'                    | 2.09'                 | 0°23'05"         | 47°20'06.5"        |
| TOTAL                         | 221.41'      | 198.28'              | 244.54'    | Defl./ITL=12.827372 min. |                       |                  |                    |

- Ⓐ CONST. RADIUS RAMP DRIVE, SEE SH. NO. 31
- ⬢ CONST. STD. WHEELCHAIR RAMP
- ≠ EACH END OF 4" PVC PIPE SLEEVE SHALL BE MARKED WITH STEEL "T" POSTS OR 2" STEEL PIPE A MAXIMUM OF 12" ABOVE GRADE. PIPE, CAPS, PIPE INSTALLATION AND MARKERS SHALL BE SUBSIDIARY TO "COMBINED CURB AND GUTTER (6 5/8" & 1 1/2)".

CHAPEL HILL ADDITION

CRESTWOOD/BEDFORD  
STA. 44+05.39 TO STA. 47+76.80

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316-262-2691 • FAX 316-262-3003

Designed by BER, GDD  
Drawn by DEP  
Checked by  
Date JANUARY, 2001  
Job No. 99127