| STRUCTURE NO. | DESCRIPTION | STATION | OFFSET | RIM | INVERT (N) | INVERT (S) | INVERT (E) | INVERT (W) |
|---|---|---|---|---|---|---|---|---|
| 395 - CB | CB TA 4 DIA T20 F&G | 966+75 | 1.5' RT | 728.28 | 720.75 | | | |
| 396 - MH | MH TA 5 DIA T20 F&G | 969+25 | 1.5' LT | 729.85 | | 723.60 | 723.60 | 721.95 |
| 397 - CB | CB TA 4 DIA T20 F&G | 969+25 | 1.6' RT | 729.58 | 723.65 | | | |
| 398 - MH | MH TA 5 DIA T20 F&G | 971+75 | 1.5' LT | 731.87 | | 725.80 | 725.80 | 724.85 |
| 399 - CB | CB TA 4 DIA T20 F&G | 971+75 | 1.6' RT | 731.28 | 725.85 | | | |
| 400 - MH | MH TA 4 DIA T20 F&G | 974+25 | 1.5' LT | 733.84 | | 727.80 | 727.80 | 727.05 |
| 401 - CB | CB TA 4 DIA T20 F&G | 974+25 | 1.6' RT | 733.39 | 727.85 | | | |
| 402 - MH | MH TA 4 DIA T20 F&G | 976+75 | 1.5' LT | 735.48 | | 729.05 | 729.05 | 729.05 |
| 403 - CB | CB TA 4 DIA T20 F&G | 976+75 | 1.5' RT | 735.34 | 729.10 | | | |
| 404 - MH | MH TA 4 DIA T20 F&G | 979+00 | 1.5' LT | 736.39 | | 730.18 | | 730.18 |
| 405 - CB | CB TA 4 DIA T20 F&G | 979+00 | 1.5' RT | 736.35 | 730.23 | | | |
| 406 - MH | MH TA 5 DIA T20 F&G | 979+47 | 1.5' LT | 736.56 | 726.61 | 726.61 | 730.48 | |
| 407 - MH | MH TA 4 DIA T20 F&G | 980+70 | 1.5' LT | 737.03 | | 730.85 | 730.85 | 730.85 |
| 408 - CB | CB TA 4 DIA T20 F&G | 980+70 | 1.5' RT | 736.99 | 730.90 | | | |
| 409 - MH | MH TA 4 DIA T20 F&G | 982+00 | 1.5' LT | 736.77 | | 731.24 | | 731.24 |
| 410 - CB | CB TA 4 DIA T20 F&G | 982+00 | 1.5' RT | 736.74 | 731.29 | | | |
| 411 - MH | MH TA 5 DIA T20 F&G | 984+50 | 1.5' LT | 736.25 | | 729.54 | 729.54 | |
| 412 - CB | CB TA 4 DIA T20 F&G | 984+50 | 1.5' RT | 736.35 | 729.59 | | | |
| 413 - MH | MH TA 5 DIA T20 F&G | 986+60 | 1.5' LT | 735.49 | | 728.91 | 727.41 | 728.91 |
| 414 - CB | CB TA 4 DIA T20 F&G | 986+60 | 1.5' RT | 735.52 | 728.96 | | | |
| 415 - MH | MH TA 5 DIA T20 F&G | 988+70 | 1.5' LT | 734.60 | | 726.78 | 726.28 | 726.78 |
| 416 - CB | CB TA 4 DIA T20 F&G | 988+70 | 1.5' RT | 734.57 | 726.83 | | | |
| 417 - MH | MH TA 5 DIA T20 F&G | 990+80 | 1.5' LT | 733.67 | | 725.65 | 725.65 | 725.65 |
| 418 - CB | CB TA 4 DIA T20 F&G | 990+80 | 1.5' RT | 733.61 | 725.70 | | | |
| 419 - MH | MH TA 5 DIA T20 F&G | 993+00 | 1.5' LT | 732.73 | | 724.99 | 724.99 | 724.99 |
| 420 - CB | CB TA 4 DIA T20 F&G | 993+00 | 1.5' RT | 732.69 | 725.04 | | | |
| 421 - MH | MH TA 5 DIA T20 F&G | 994+50 | 1.5' LT | 732.11 | | 724.54 | 723.54 | 724.54 |
| 422 - CB | CB TA 4 DIA T20 F&G | 994+50 | 1.5' RT | 732.04 | 724.59 | | | |
| 423 - MH | MH TA 5 DIA T20 F&G | 997+00 | 1.5' LT | 730.93 | | 722.79 | 722.79 | 722.79 |
| 424 - CB | CB TA 4 DIA T20 F&G | 997+00 | 1.5' RT | 730.93 | 722.84 | | | |
| 425 - MH | MH TA 5 DIA T20 F&G | 999+50 | 1.5' LT | 729.84 | | 722.04 | 722.04 | 722.04 |
| 426 - CB | CB TA 4 DIA T20 F&G | 999+50 | 1.5' RT | 729.82 | 722.09 | | | |
| 427 - MH | MH TA 5 DIA T20 F&G | 1002+00 | 1.5' LT | 728.73 | | 721.29 | 721.29 | 721.29 |
| 427A - MH | MH TA 6 DIA T20 F&G, RESTRICTOR PLATE | 1003+70 | 1.5' LT | 727.98 | | | 720.78 | 720.78 |
| 428 - CB | CB TA 4 DIA T20 F&G | 1002+00 | 1.5' RT | 728.72 | 721.34 | | | |
| 429 - MH | MH TA 5 DIA T20 F&G | 1003+95 | 1.5' LT | 727.89 | 718.70 | 718.70 | | 720.70 |
| 430 - MH | MH TA 4 DIA T20 F&G | 1004+50 | 1.5' LT | 727.64 | | 721.39 | 721.39 | |
| 431 - CB | CB TA 4 DIA T20 F&G | 1004+50 | 1.5' RT | 727.61 | 721.44 | | | |
| 432 - MH | MH TA 5 DIA T20 F&G | 1007+00 | 1.5' LT | 726.56 | | 720.64 | 718.89 | 720.64 |
| 433 - CB | CB TA 4 DIA T20 F&G | 1007+00 | 1.5' RT | 726.54 | 720.69 | | | |
| 434 - MH | MH TA 5 DIA T20 F&G | 1009+50 | 1.5' LT | 725.47 | | 718.14 | 718.14 | 718.14 |
| 435 - CB | CB TA 4 DIA T20 F&G | 1009+50 | 1.5' RT | 725.38 | 718.19 | | | |
| 436 - MH | MH TA 5 DIA T20 F&G | 1012+00 | 1.5' LT | 724.38 | | 717.39 | 717.39 | 717.39 |
| 437 - CB | CB TA 4 DIA T20 F&G | 1012+00 | 1.5' RT | 724.30 | 717.44 | | | |
| 438 - MH | MH TA 5 DIA T20 F&G | 1014+50 | 1.5' LT | 723.21 | | 716.65 | 716.65 | 716.65 |
| 438A - MH | MH TA 6 DIA T20 F&G, RESTRICTOR PLATE | 1014+75 | 1.5' LT | 723.10 | | | 716.57 | 716.57 |
| 439 - CB | CB TA 4 DIA T20 F&G | 1014+50 | 1.5' RT | 723.18 | 716.70 | | | |
| 440 - MH | MH TA 6 DIA T20 F&G | 1014+96 | 1.5' LT | 723.01 | 716.51 | 716.51 | | 716.51 |
| 440A - MH | MH TA 4 DIA T20 F&G | 1015+20 | 1.5' LT | 722.91 | 716.51 | 716.51 | 716.51 | |
| 441 - MH | MH TA 4 DIA T20 F&G | 1017+00 | 1.5' LT | 722.19 | | 717.12 | | 717.12 |
| 442 - CB | CB TA 4 DIA T20 F&G | 1017+00 | 1.5' RT | 722.12 | 717.17 | | | |
| 443 - MH | MH TA 5 DIA T20 F&G | 1019+50 | 1.3' LT | 721.07 | | 714.35 | 714.35 | |
| 443A - MH | MH TA 5 DIA T1F CL | 1019+66 | 6.7' LT | 721.21 | | | 714.31 | 714.31 |
| 443B - MH | MH TA 5 DIA T1F CL | 1020+34 | 6.8' LT | 720.88 | | | 714.09 | 714.09 |
| 444 - CB | CB TA 4 DIA T20 F&G | 1019+50 | 1.6' RT | 721.04 | 714.40 | | | |
| 445 - MH | MH TA 5 DIA T20 F&G | 1020+50 | 1.3' LT | 720.59 | | 714.05 | 713.30 | 714.05 |
| 446 - CB | CB TA 4 DIA T20 F&G | 1020+50 | 1.6' RT | 720.62 | 714.10 | | | |
| 447 - MH | MH TA 5 DIA T20 F&G | 1022+00 | 1.5' LT | 719.96 | | 712.85 | 711.85 | 712.85 |
| 448 - CB | CB TA 4 DIA T20 F&G | 1022+00 | 1.5' RT | 719.94 | 712.90 | | | |

| STRUCTURE NO. | DESCRIPTION | STATION | OFFSET | RIM | INVERT (N) | INVERT (S) | INVERT (E) | INVERT (W) |
|---|---|---|---|---|---|---|---|---|
| 449 - MH | MH TA 5 DIA T20 F&G | 1024+50 | 1.5' LT | 718.90 | | 711.10 | 711.10 | 711.10 |
| 450 - CB | CB TA 4 DIA T20 F&G | 1024+50 | 1.5' RT | 718.83 | 711.15 | | | |
| 451 - MH | MH TA 5 DIA T20 F&G | 1027+00 | 1.5' LT | 717.74 | | 710.35 | 710.35 | 710.35 |
| 452 - CB | CB TA 4 DIA T20 F&G | 1027+00 | 1.5' RT | 717.73 | 710.40 | | | |
| 453 - MH | MH TA 5 DIA T20 F&G | 1029+00 | 1.5' LT | 716.84 | | 709.75 | 709.75 | 709.75 |
| 453A - MH | MH TA 6 DIA T20 F&G, RESTRICTOR PLATE | 1029+20 | 1.5' LT | 716.76 | | | 709.69 | 709.69 |
| 454 - CB | CB TA 4 DIA T20 F&G | 1029+00 | 1.5' RT | 716.84 | 709.80 | | | |
| 455 - MH | MH TA 6 DIA T20 F&G | 1029+43 | 1.5' LT | 716.69 | 709.62 | 709.62 | | 709.62 |
| 456 - MH | MH TA 4 DIA T20 F&G | 1030+00 | 1.5' LT | 716.44 | | 709.73 | 709.73 | |
| 457 - CB | CB TA 4 DIA T20 F&G | 1030+00 | 1.5' RT | 716.43 | 709.78 | | | |
| 458 - MH | MH TA 4 DIA T20 F&G | 1032+00 | 1.5' LT | 715.51 | | 709.13 | 708.88 | 709.13 |
| 459 - CB | CB TA 4 DIA T20 F&G | 1032+00 | 1.5' RT | 715.56 | 709.18 | | | |
| 460 - MH | MH TA 4 DIA T20 F&G | 1034+50 | 1.5' LT | 714.42 | | 708.13 | 708.13 | 708.13 |
| 461 - CB | CB TA 4 DIA T20 F&G | 1034+50 | 1.5' RT | 714.43 | 708.18 | | | |
| 462 - MH | MH TA 5 DIA T20 F&G | 1037+00 | 1.5' LT | 713.30 | | 707.38 | 705.38 | 707.38 |
| 463 - CB | CB TA 4 DIA T20 F&G | 1037+00 | 1.5' RT | 713.37 | 707.43 | | | |
| 464 - MH | MH TA 5 DIA T20 F&G | 1039+50 | 1.5' LT | 712.22 | | 704.63 | 704.63 | 704.63 |
| 465 - CB | CB TA 4 DIA T20 F&G | 1039+50 | 1.5' RT | 712.25 | 704.68 | | | |
| 466 - MH | MH TA 5 DIA T20 F&G | 1042+00 | 1.5' LT | 711.15 | | 703.88 | 703.38 | 703.88 |
| 467 - CB | CB TA 4 DIA T20 F&G | 1042+00 | 1.5' RT | 711.21 | 703.93 | | | |
| 468 - MH | MH TA 5 DIA T20 F&G | 1044+50 | 1.5' LT | 710.04 | | 702.63 | 702.63 | 702.63 |
| 469 - CB | CB TA 4 DIA T20 F&G | 1044+50 | 1.5' RT | 710.10 | 702.68 | | | |
| 470 - MH | MH TA 5 DIA T20 F&G | 1047+00 | 1.5' LT | 708.94 | | 701.88 | 700.63 | 701.88 |
| 471 - CB | CB TA 4 DIA T20 F&G | 1047+00 | 1.5' RT | 708.97 | 701.93 | | | |
| 472 - MH | MH TA 5 DIA T20 F&G | 1049+50 | 1.5' LT | 707.79 | | 699.88 | 699.38 | 699.88 |
| 473 - CB | CB TA 4 DIA T20 F&G | 1049+50 | 1.5' RT | 707.83 | 699.93 | | | |
| 474 - MH | MH TA 5 DIA T20 F&G | 1052+00 | 1.5' LT | 706.66 | | 698.63 | 695.63 | 698.63 |
| 475 - CB | CB TA 4 DIA T20 F&G | 1052+00 | 1.5' RT | 706.69 | 698.68 | | | |
| 476 - MH | MH TA 5 DIA T20 F&G | 1054+50 | 1.5' LT | 705.23 | | 694.88 | 694.88 | 694.88 |
| 477 - CB | CB TA 4 DIA T20 F&G | 1054+50 | 1.5' RT | 705.24 | 694.93 | | | |
| 478 - MH | MH TA 5 DIA T20 F&G | 1057+00 | 1.5' LT | 703.44 | | 694.13 | 694.13 | 694.13 |
| 479 - CB | CB TA 4 DIA T20 F&G | 1057+00 | 1.5' RT | 703.42 | 694.18 | | | |
| 480 - MH | MH TA 6 DIA T20 F&G | 1059+50 | 1.5' LT | 701.41 | | 693.38 | 692.38 | 693.38 |
| 481 - CB | CB TA 4 DIA T20 F&G | 1059+50 | 1.5' RT | 701.38 | 693.43 | | | |
| 482 - MH | MH TA 6 DIA T20 F&G | 1062+00 | 1.5' LT | 699.47 | | 691.63 | 689.33 | 691.63 |
| 483 - CB | CB TA 4 DIA T20 F&G | 1062+00 | 1.5' RT | 699.35 | 691.68 | | | |
| 484 - MH | MH TA 6 DIA T20 F&G | 1064+50 | 1.5' LT | 697.41 | | 688.58 | 688.58 | 688.58 |
| 485 - CB | CB TA 4 DIA T20 F&G | 1064+50 | 1.5' RT | 697.30 | 688.63 | | | |
| 486 - MH | MH TA 6 DIA T20 F&G | 1065+50 | 1.5' LT | 696.56 | | 688.28 | 688.28 | 688.28 |
| 487 - CB | CB TA 4 DIA T20 F&G | 1065+50 | 1.5' RT | 696.57 | 688.33 | | | |
| 488 - MH | MH TA 6 DIA T20 F&G | 1066+40 | 1.5' LT | 695.84 | | 688.01 | 688.01 | 688.01 |
| 489 - CB | CB TA 4 DIA T20 F&G | 1066+40 | 1.5' RT | 695.85 | 688.06 | | | |
| 490 - MH | MH TA 6 DIA T20 F&G | 1066+50 | 1.5' LT | 695.76 | | 687.98 | | 687.98 |
| 491 - MH | MH TA 6 DIA T20 F&G, RESTRICTOR PLATE | 1066+50 | 1.5' RT | 695.78 | 687.93 | 687.93 | | |
| 104 - HW | CIP RC END SEC 42 | 889+40 | 131.8' LT | | | 649.69 | | |
| 105 - HW | CIP RC END SEC 42 | 902+00 | 126.2' RT | | 655.84 | | | |
| 106 - FES | PRC FLAR END SEC 30 | 938+20 | 89.7' RT | | 696.59 | | | |
| 107 - FES | PRC FLAR END SEC 24 | 964+25 | 97.8' LT | | | 717.83 | | |
| 107A - FES | PRC FLAR END SEC 36 | 1015+20 | 85.1' LT | | | 717.03 | | |
| 107B - FES | PRC FLAR END SEC 36 | 1015+20 | 86.2' RT | | 716.03 | | | |
| 108 - HW | CIP RC END SEC 42 | 1066+50 | 98.3' RT | | 687.71 | | | |


ENGINEERING CONSULTANT
Clorba Group, Inc.
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5007 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
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Email chicago@clorba.com


| | | |
|---|---|---|
| USER NAME = jkjellman | DESIGNED - CRC | REVISED - |
| | DRAWN - JMK | REVISED - |
| PLOT SCALE = 1.0000 ' / IN. | CHECKED - MRJ | REVISED - |
| PLOT DATE = 10/28/2010 | DATE - 10/27/2010 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FROM NS RAILROAD TO US 45**
**DRAINAGE SCHEDULES**

SCALE: 1" = 50' | SHEET NO. OF SHEETS | STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 80 | 99(5&5-1) Y-1 | WILL | 309 | 24 |
| | | CONTRACT NO. 60M59 | | |
| | | ILLINOIS FED. AID PROJECT | | |


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