

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	170
STA. 423+00		TO STA. 435+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

- 1A STA. 423+06, 1.8' LT CB TO BE ADJUSTED W/ NEW T-1 FR. OL.
EX. RIM = 720.26
PR. RIM = 720.26
- 1 STA. 425+00, 37.9' LT INLET TO BE ADJUSTED
EX. RIM = 720.35
PR. RIM = 720.40
- 2 STA. 424+80.3, 49.0' RT CB, T-A, 4'-DIA., T-24 F&G
RIM = 720.00
INV = 715.18 (EX 12" W)
INV = 715.64 (12" NE)
INV = 716.00 (4" N)
- 3 STA. 425+20, 35.0' RT CB, T-A, 4'-DIA., T-24 F&G
RIM = 720.61
INV = 716.02 (12" SW)
INV = 716.08 (12" S)
- 4 STA. 425+20, 57.1' RT CB, T-C, T-8 GRATE
RIM = 718.54
INV = 716.25 (12" N)
- 5 STA. 427+35, 35.0' LT INLET, T-A, SPECIAL, T-24 F&G
RIM = 720.68
- 6 STA. 427+50.10, 35.0' LT INLET, T-A, SPECIAL, T-24 F&G
RIM = 720.67
- 7 STA. 427+50.10, 1.9' RT CB, T-A, 4' DIA., T-24 F&G
RIM = 721.34
INV = 715.77 (12" S)
INV = 713.69 (12" NW)
INV = 717.34 (4" E)
- 8 STA. 427+50.10, 11.0' RT CB, T-A, 4' DIA., T-24 F&G
RIM = 721.15
INV = 715.78 (12" N & S)
- 9 STA. 427+35, 35.0' RT CB, T-C, T-24 F&G
RIM = 720.68
INV = 716.85 (12" E)
- 10 STA. 427+50.10, 35.0' RT CB, T-A, 4'-DIA., T-24 F&G
RIM = 720.67
INV = 716.73 (12" W)
INV = 716.02 (12" N & S)
INV = 716.67 (4" E)

- 11 STA. 427+43.12, 60.8' RT CB, T-A, 4'-DIA., T-8 GRATE
RIM = 719.14
INV = 716.93 (EX 6" SW)
INV = 716.23 (12" NE)
- 12 STA. 428+78, 35.0' LT CB, T-A, 4'-DIA., T-24 F&G
RIM = 721.05
INV = 716.30 (12" S)
INV = 713.92 (12" N)
- 13 STA. 428+78, 7.0' LT CB, T-A, 4'-DIA., T-24 F&G
RIM = 721.59
INV = 716.58 (12" N & S)
- 14 STA. 428+78, 11.0' RT CB, T-A, 4'-DIA., T-24 F&G
RIM = 721.53
INV = 716.68 (12" N & S)
- 15 STA. 428+78, 35.0' RT CB, T-A, 4'-DIA., T-24 F&G
RIM = 721.05
INV = 716.92 (12" N & S)
- 16 STA. 428+78, 58.0' RT CB, T-C, T-8 GRATE
RIM = 718.96
INV = 717.10 (12" N)
- 17 STA. 430+03, 35.0' LT CB, T-A, 4'-DIA., T-24 F&G
RIM = 721.55
INV = 714.81 (12" S)
INV = 714.43 (12" N)
INV = 717.55 (4" E)
- 18 STA. 430+03, 35.0' RT CB, T-A, 4'-DIA., T-24 F&G
RIM = 721.55
INV = 715.16 (12" N & SE)
INV = 717.55 (4" E)
- 19 STA. 430+57.80, 62.6' RT CB, T-A, 4'-DIA., T-8 GRATE
RIM = 718.45
INV = 715.44 (12" NW)
INV = 715.44 (EX 8" SE)
- 20 STA. 431+23, 35.0' LT CB, T-A, 4' DIA., T-24 F&G
RIM = 722.02
INV = 714.99 (12" N)
- 21 STA. 529+37, 31' RT CONCRETE HEADWALL FOR PIPE DRAINS
INV = 718.50

- 21A STA. 432+14.57, 54.5' RT MH, T-A, 4'-DIA., T-1 FR. CL.
RIM = 721.92
INV = 717.60 (12" NE)
INV = 717.60 (EX 12" S)
- 22 STA. 432+69, 35.0' LT CB, T-A, 4'-DIA., T-24 F&G
RIM = 722.61
INV = 715.61 (12" S)
INV = 715.61 (12" N)
INV = 718.61 (4" E)
- 23 STA. 432+69, 36.8' RT CB, T-A, 4'-DIA., T-24 F&G
RIM = 722.57
INV = 715.97 (12" N)
INV = 716.99 (12" S)
INV = 718.57 (4" E)
INV = 717.34 (12" SE)
- 24 STA. 432+69, 61.0' RT PRC FLARED END SECTION, 12"
INV = 717.48
- 25 STA. 434+05, 35.0' LT CB, T-A, 4'-DIA., T-24 F&G
RIM = 723.15
INV = 718.65 (12" S)
INV = 716.20 (12" N)
- 26 STA. 434+05, 35.0' RT CB, T-C, T-24 F&G
RIM = 723.15
INV = 719.35 (12" N)

- A-1 STA. 424+95, 54.4' RT VALVE VAULT TO BE ADJUSTED
EX RIM = 719.05
PR RIM = 719.52
- A-2 STA. 425+28, 51.8' RT FIRE HYDRANT TO BE ADJUSTED
- A-2A STA. 426+30, 43.3' LT FRAME AND LID TO BE ADJUSTED
EX RIM = 721.13
PR RIM = 721.24
- A-2B STA. 426+30, 40.4' LT FRAME AND LID TO BE ADJUSTED
EX RIM = 721.13
PR RIM = 721.30
- A-3 STA. 427+22, 54.4' RT SANITARY MANHOLE TO BE ADJUSTED
EX RIM = 720.36
PR RIM = 719.30
- A-4 STA. 427+39, 52.0' RT DOMESTIC WATER SERVICE BOX TO BE ADJUSTED
EX RIM = 719.84
PR RIM = 719.75
- A-5 STA. 427+64, 63.0' LT SANITARY MANHOLE TO BE ADJUSTED
EX RIM = 718.50
PR RIM = 718.26
- A-6 STA. 428+53, 36.4' RT SANITARY MANHOLE TO BE ADJUSTED
EX RIM = 720.02
PR RIM = 721.33
- A-7 STA. 428+52, 53.4' RT SANITARY MANHOLE TO BE ADJUSTED
EX RIM = 719.06
PR RIM = 719.67
- A-8 STA. 431+60, 36.2' RT SANITARY MANHOLE TO BE RECONSTRUCTED (NOT FOUND IN FIELD - BASED ON UTILITY ATLASES)
PR RIM = 722.15

- R-1 STA. 427+68, 43.7' RT FIRE HYDRANT TO BE MOVED (BY OTHERS)

- (1) 49' - PIPE UNDERDRAINS 4"
- (2) 12" SS, CL. A, T-2
2' @ 1.00%, TBF = 0.4 CY
- (3) 12" SS, CL. A, T-2
38' @ 1.00%, TBF = 6.4 CY
- (4) STORM SEWER (WATER MAIN REQUIREMENTS), 12"
17' @ 1.00%, TBF = 4.5 CY
- (5) 12" SS, CL. A, T-2
34' @ 1.00%, TBF = 25.8 CY
(CONNECT TO PROPOSED BOX CULVERT - INV = 713.35)
- (6) 36' - PIPE UNDERDRAINS 4"
- (7) 12" SS, CL. A, T-2
1' @ 1.00%, TBF = 0.3 CY
- (8) 12" SS, CL. A, T-2
24' @ 1.00%, TBF = 4.7 CY
- (9) 28' - PIPE UNDERDRAINS 4"
- (10) 12" SS, CL. A, T-1
12' @ 1.00%, TBF = 1.6 CY
- (11) STORM SEWER (WATER MAIN REQUIREMENTS), 12"
21' @ 1.00%, TBF = 4.6 CY

- (12) 12" SS, CL. A, T-2
2' @ 1.00%, TBF = 1.5 CY
(CONNECT TO PROPOSED BOX CULVERT - INV = 713.90)
- (13) 12" SS, CL. A, T-2
28' @ 1.00%, TBF = 5.7 CY
- (14) 12" SS, CL. A, T-2
10' @ 1.00%, TBF = 0.0 CY
- (15) 12" SS, CL. A, T-2
24' @ 1.00%, TBF = 3.9 CY
- (16) 12" SS, CL. A, T-2
18' @ 1.00%, TBF = 4.0 CY
- (17) 12" SS, CL. A, T-2
2' @ 1.00%, TBF = 1.5 CY
(CONNECT TO PROPOSED BOX CULVERT - INV = 714.41)
- (18) 29' - PIPE UNDERDRAINS 4"
- (19) 12" SS, CL. A, T-2
70' @ 0.50%, TBF = 36.9 CY
- (20) 29' - PIPE UNDERDRAINS 4"
- (21) 12" SS, CL. A, T-2
57' @ 0.50%, TBF = 23.5 CY

- (22) 12" SS, CL. A, T-2
2' @ 2.00%, TBF = 1.5 CY
(CONNECT TO PROPOSED BOX CULVERT - INV = 714.95)
- (23) 53' - PIPE UNDERDRAINS 4"
- (23A) 12" SS, CL. A, T-2
53' @ 0.50%, TBF = 19.2 CY
- (24) 12" SS, CL. A, T-2
5' @ 1.00%, TBF = 3.6 CY
(CONNECT TO PROPOSED BOX CULVERT - INV = 715.56)
- (25) 33' - PIPE UNDERDRAINS 4"
- (26) 12" SS, CL. A, T-2
72' @ 0.50%, TBF = 49.1 CY
- (27) 41' - PIPE UNDERDRAINS 4"
- (28) 12" SS, CL. A, T-2
14' @ 3.50%, TBF = 7.6 CY
- (29) 12" SS, CL. A, T-2
5' @ 1.00%, TBF = 3.6 CY
(CONNECT TO PROPOSED BOX CULVERT - INV = 716.15)
- (30) 12" SS, CL. A, T-2
70' @ 1.00%, TBF = 11.9 CY

- (R1) 43' STORM SEWER REMOVAL 12"
TBF = 8.2 CY
- (R2) 16' STORM SEWER REMOVAL 12"
TBF = 3.8 CY
- (R3) 57' STORM SEWER REMOVAL 12"
TBF = 24.8 CY
- (R4) 38' STORM SEWER REMOVAL 12"
TBF = 8.1 CY
- (R5) 40' STORM SEWER REMOVAL 15"
TBF = 14.0 CY
(REMOVE PIPE 1 FT. FROM BOX CULVERT; BRICK AND MORTAR PIPE END.)
- (R6) 145' STORM SEWER REMOVAL 6"
TBF = 1.7 CY
- (R7) 162' STORM SEWER REMOVAL 8"
TBF = 1.9 CY
- (R8) 63' STORM SEWER REMOVAL 12"
TBF = 8.6 CY
- (R9) 4' STORM SEWER REMOVAL 12"
TBF = 0.5 CY
- (R10) 44' STORM SEWER REMOVAL 15"
TBF = 0.0 CY

- (R11) 66' STORM SEWER REMOVAL 8"
TBF = 1.7 CY
- (R12) 56' STORM SEWER REMOVAL 12"
TBF = 0.2 CY
- (R13) 91' STORM SEWER REMOVAL 18"
TBF = 1.1 CY
- (R14) 55' STORM SEWER REMOVAL 18"
TBF = 1.0 CY
- (R15) 61' STORM SEWER REMOVAL 24"
TBF = 1.8 CY
- (R15A) 10' STORM SEWER REMOVAL 12"
TBF = 0 CY
- (R16) 38' STORM SEWER REMOVAL 15"
TBF = 3.7 CY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 30
 DRAINAGE AND UTILITY PLANS
 STATION 423+00 TO STATION 435+00

SCALE: VERT. HORIZ.
 DATE 6/11/2010

DRAWN BY KRK
 CHECKED BY JRV