CONTRACT NO. 62478

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	180
STA. 495+00		TO STA. 510+00		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

180 STA. 495+23, 35.0' LT
CB, T-C, T-24 F&G
RIM = 691.10
INV = 687.30 (12" NE)

181 STA. 495+38, 35.0' LT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 691.00
INV = 687.18 (12" SE & SW, 4" E)

182 STA. 495+38, 11.0' LT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 691.08
INV = 686.94 (12" N & SE)
INV = 687.22 (12" W)

183 STA. 495+23, 11.0' LT
CB, T-C, T-24 F&G
RIM = 691.14
INV = 687.34 (12" NE)

184 STA. 495+55.33, 9.5' RT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 691.48
INV = 686.71 (12" NW & S)

185 STA. 495+55.33, 35.0' RT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 690.98
INV = 687.08 (12" W)
INV = 686.45 (12" N)
INV = 686.20 (15" SE)
INV = 686.98 (4" E)

186 STA. 495+41, 35.0' RT
CB, T-C, T-24 F&G
RIM = 690.99
INV = 687.19 (12" E)

187 STA. 495+61, 45.0' RT
MH, T-A, 4'-DIA., T-1 FR. CL.
RIM = 691.21
INV = 686.14 (15" NW & E)

188 STA. 497+00, 45.0' RT
MH, T-A, 5'-DIA., T-1 FR. CL.
RIM = 692.45
INV = 683.61 (33" S)
INV = 685.71 (15" W)
INV = 684.81 (24" E)

189 STA. 497+00, 78.0' RT
PRC FLARED END SECTION, 33"
INV = 683.57
GRATING FOR CONCRETE FLARED
END SECTION, 33"

190 STA. 497+65, 35.0' LT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 693.82
INV = 690.01 (12" S & SE, 4" W)

191 STA. 497+65, 35.0' RT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 693.57
INV = 688.96 (12" N & S)
INV = 689.57 (4" E)

192 STA. 497+65, 45.0' RT
MH, T-A, 5'-DIA., T-1 FR. CL.
RIM = 693.80
INV = 685.95 (24" E & W)
INV = 688.90 (12" N)

193 STA. 498+10, 11.0' LT
CB, T-A, 4' DIA., T-24 F&G
RIM = 695.09
INV = 690.78 (12" NW)

194 STA. 498+91, 61.4' LT
PRC FLARED END SECTION, 24"
INV = 695.57
GRATING FOR CONCRETE FLARED
END SECTION, 24"

195 STA. 499+60, 41.8' LT
CB, T-A, 4' DIA., T-24 F&G
RIM = 699.50
INV = 695.10 (12" S)

196 STA. 499+60, 11.0' LT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 698.55
INV = 694.63 (12" N, S & 4" NE)

197 STA. 499+60, 35.0' RT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 697.78
INV = 694.00 (12" N)
INV = 692.60 (12" S)
INV = 693.78 (4" E)

198 STA. 499+60, 45.0' RT
MH, T-A, 5'-DIA., T-1 FR. CL.
RIM = 698.01
INV = 689.54 (24" W & E)
INV = 692.54 (12" N)

199 STA. 701+04, 18.0' LT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 701.48
INV = 697.98 (12" SE)
INV = 698.77 (12" N)

200 STA. 700+93, 27.8' RT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 701.21
INV = 697.51 (12" S & NW)

201 STA. 500+74, 65.8' LT
CB, T-A, 4' DIA., T-24 F&G
RIM = 701.32
INV = 697.33 (12" N & S)

202 STA. 500+73.8, 46.6' LT
MH, T-A, 5'-DIA., T-1 FR. CL.
RIM = 701.68
INV = 696.18 (24" W)
INV = 696.18 (24" E)
INV = 697.16 (12" N)

203 STA. 501+00, 46.5' LT
MH, T-A, 5'-DIA., T-1 FR. CL.
RIM = 702.81
INV = 698.89 (24" NE)
INV = 696.25 (24" W)

204 STA. 501+25, 66.4' LT
PRC FLARED END SECTION, 24"
INV = 699.46
GRATING FOR CONCRETE FLARED
END SECTION, 24"

205 STA. 501+05, 11.0' LT
CB, T-C, T-24 F&G
RIM = 701.89
INV = 698.41 (12" S & 4" NE)

206 STA. 501+05, 10.6' RT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 701.89
INV = 696.76 (12" S)
INV = 698.25 (12" N)

207 STA. 501+05, 35.0' RT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 701.12
INV = 696.52 (12" N)
INV = 695.41 (12" S)
INV = 697.12 (4" NE)

208 STA. 501+05, 45.0' RT
MH, T-A, 5'-DIA., T-1 FR. CL.
RIM = 701.35
INV = 692.49 (24" W & 18" E)
INV = 695.37 (12" N)
INV = 695.19 (12" SW)

209 STA. 500+75, 59.6' RT
CB, T-C, T-8 GRATE
RIM = 697.86
INV = 695.48 (12" NE)

210 STA. 502+63, 63.0' LT
PRC FLARED END SECTION, 15"
INV = 704.59

211 STA. 502+91, 62.0' LT
PRC FLARED END SECTION, 15"
INV = 705.46

212 STA. 503+00, 35.0' LT
CB, T-C, T-24 F&G
RIM = 707.16
INV = 703.16 (12" S)

213 STA. 503+00, 11.0' LT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 706.39
INV = 702.47 (12" S, 4" NE)
INV = 702.80 (12" N)

214 STA. 503+00, 35.0' RT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 705.61
INV = 701.84 (12" N)
INV = 699.43 (12" S)
INV = 701.61 (4" E)

215 STA. 503+00, 45.0' RT
MH, T-A, 4'-DIA., T-1 FR. CL.
RIM = 705.85
INV = 696.49 (18" W & 15" E)
INV = 699.37 (12" N)

216 STA. 505+10, 55.0' RT
MH, T-A, 4'-DIA., T-1 FR. CL.
RIM = 710.12
INV = 700.82 (15" E & W)
INV = 703.70 (12" SE)

217 STA. 99+13, 15.0' LT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 710.59
INV = 706.39 (12" E)
INV = 704.06 (12" NW)

218 STA. 99+13, 19.1' RT
CB, T-C, T-24 F&G
RIM = 710.61
INV = 706.73 (12" W)

219 STA. 506+40, 35.0' LT
CB, T-C, T-24 F&G
RIM = 713.95
INV = 710.12 (12" S)

220 STA. 506+40, 5.0' RT
CB, T-A, 4'-DIA., T-11V F&G
RIM = 713.80
INV = 709.72 (12" N & S & 4" E)

221 STA. 506+42, 41.8' RT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 713.16
INV = 709.22 (12" N)
INV = 706.48 (12" S)
INV = 709.16 (4" E)

222 STA. 506+42, 53.0' RT
MH, T-A, 4'-DIA., T-1 FR. CL.
RIM = 713.38
INV = 703.53 (15" W & E)
INV = 706.41 (12" N)

223 STA. 507+30, 35.0' LT
CB, T-C, T-24 F&G.
RIM = 714.64
INV = 710.64 (12" S)

224 STA. 507+30, 35.0' RT
CB, T-A, 4'-DIA., T-24 F&G
RIM = 714.42
INV = 709.94 (12" N)
INV = 707.04 (12" S)

225 STA. 507+30, 45.0' RT
MH, T-A, 4'-DIA., T-1 FR. CL.
RIM = 714.65
INV = 704.12 (15" E & W)
INV = 707.00 (12" N)

226 STA. 507+85.60, 64.7' LT
PRC FLARED END SECTION, 15"
INV = 710.62

227 STA. 508+29.34, 67.9' LT
PRC FLARED END SECTION, 15"
INV = 710.27

228 STA. 508+95, 45.0' RT
MH, T-A, 4'-DIA., T-1 FR. CL.
RIM = 715.48
INV = 705.25 (15" W)
INV = 705.25 (12" SE)
INV = 708.13 (15" E)

229 STA. 509+10, 76.0' RT
CB, T-C, T-8 GRATE
RIM = 707.43
INV = 705.41 (12" N)

230 STA. 509+34, 71.8' LT
PRC FLARED END SECTION, 15"
INV = 710.27

231 STA. 509+78, 70.3' LT
PRC FLARED END SECTION, 15"
INV = 710.49

R-7 NOT USED

(213) 12" SS, CL. A, T-1
12' @ 1.00%, TBF = 1.6 CY

(214) 12" SS, CL. A, T-2
24' @ 1.00%, TBF = 3.2 CY

(215) 30' - PIPE UNDERDRAINS 4"

(216) 12" SS, CL. A, T-1
12' @ 1.00%, TBF = 1.6 CY

(217) 12" SS, CL. A, T-2
23' @ 1.00%, TBF = 0.0 CY

(218) 12" SS, CL. A, T-2
26' @ 1.00%, TBF = 4.8 CY

(219) 30' - PIPE UNDERDRAINS 4"

(220) 12" SS, CL. A, T-1
11' @ 1.00%, TBF = 1.5 CY

(221) 15" SS, CL. A, T-2
6' @ 1.00%, TBF = 0.0 CY

(222) 15" SS, CL. A, T-2
135' @ 0.32%, TBF = 0.0 CY

(223) 33" SS, CL. A, T-2
25' @ 0.14%, TBF = 0.0 CY

(224) 24" SS, CL. A, T-2
60' @ 1.90%, TBF = 0.0 CY

(225) 12" SS, CL. A, T-2
51' @ 1.50%, TBF = 6.7 CY

(226) 12" SS, CL. A, T-2
70' @ 1.50%, TBF = 11.6 CY

(227) 33' - PIPE UNDERDRAINS 4"

(228) 47' - PIPE UNDERDRAINS 4"

(229) 12" SS, CL. A, T-2
4' @ 1.50%, TBF = 0.0 CY

(230) 24" SS, CL. A, T-2
189' @ 1.90%, TBF = 0.0 CY

(231) 24" SS, CL. A, T-2
180' @ 0.33%, TBF = 20.3 CY

(232) 12" SS, CL. A, T-2
31' @ 1.50%, TBF = 4.1 CY

(233) 34' - PIPE UNDERDRAINS 4"

(234) 12" SS, CL. A, T-2
42' @ 1.50%, TBF = 5.5 CY

(235) 43' - PIPE UNDERDRAINS 4"

(236) 12" SS, CL. A, T-2
4' @ 1.50%, TBF = 0.0 CY

(237) 24" SS, CL. A, T-2
137' @ 2.15%, TBF = 25.1 CY

(238) 28' - PIPE UNDERDRAINS 4"

(239) 12" SS, CL. A, T-1
16' @ 1.00%, TBF = 0.0 CY

(240) 12" SS, CL. A, T-2
24' @ 1.00%, TBF = 4.9 CY

(241) 27' - PIPE UNDERDRAINS 4"

(242) 12" SS, CL. A, T-2
4' @ 1.00%, TBF = 0.0 CY

(243) 12" SS, CL. A, T-2
29' @ 1.00% TBF = 0.0 CY

(244) 18" SS, CL. A, T-2
186' @ 2.15%, TBF = 31.3 CY

(245) 12" SS, CL. A, T-1
20' @ 1.00%, TBF = 0.8 CY

(246) 12" SS, CL. A, T-1
47' @ 1.00%, TBF = 8.6 CY

(247) 12" SS, CL. A, T-2
18' @ 1.00%, TBF = 2.4 CY

(248) 12" SS, CL. A, T-2
17' @ 1.00%, TBF = 2.4 CY

(248A) 24" SS, CL. A, T-2
22' @ 0.33%, TBF = 6.5 CY

(249) 24" SS, CL. A, T-1
24' @ 1.90%, TBF = 2.3 CY

(250) 15" SS, CL. A, T-1
17' @ 3.00%, TBF = 1.9 CY

(251) 12" SS, CL. A, T-1
24' @ 1.50%, TBF = 3.2 CY

(252) 30' - PIPE UNDERDRAINS 4"

(253) 12" SS, CL. A, T-2
42' @ 1.50%, TBF = 3.8 CY

(254) 30' - PIPE UNDERDRAINS 4"

(255) 12" SS, CL. A, T-2
4' @ 1.50%, TBF = 0.0 CY

(256) 15" SS, CL. A, T-2
201' @ 2.15%, TBF = 0.0 CY

(257) 12" SS, CL. A, T-2
36' @ 1.00%, TBF = 0.0 CY

(258) 12" SS, CL. A, T-2
34' @ 1.00%, TBF = 4.5 CY

(259) 15" SS, CL. A, T-2
126' @ 2.15%, TBF = 98.3 CY

(260) 12" SS, CL. A, T-1
40' @ 1.00%, TBF = 5.3 CY

(261) 43' - PIPE UNDERDRAINS 4"

(262) 12" SS, CL. A, T-1
33' @ 1.50%, TBF = 4.4 CY

(263) 39' - PIPE UNDERDRAINS 4"

(264) 12" SS, CL. A, T-2
5' @ 1.50%, TBF = 0.0 CY

(265) 15" SS, CL. A, T-2
84' @ 0.70%, TBF = 29.6 CY

(266) 12" SS, CL. A, T-2
70' @ 1.00%, TBF = 16.5 CY

(267) 12" SS, CL. A, T-2
4' @ 1.00%, TBF = 0.0 CY

(268) 15" SS, CL. A, T-2
161' @ 0.70%, TBF = 27.9 CY

(269) 15" SS, CL. A, T-1
32' @ 0.80%, TBF = 2.9 CY

(270) 12" SS, CL. A, T-2
31' @ 0.50%, TBF = 0.0 CY

(271) 15" SS, CL. A, T-2
213' @ 0.32%, TBF = 38.3 CY

(272) 15" SS, CL. A, T-1
32' @ 0.50%, TBF = 2.1 CY

(R46) 147' STORM SEWER REMOVAL 15"
TBF = 0.0 CY

(R47) 128' STORM SEWER REMOVAL 21"
TBF = 32.5 CY

(R48) 45' STORM SEWER REMOVAL 21"
TBF = 9.1 CY

(R49) 182' STORM SEWER REMOVAL 21"
TBF = 32.3 CY

(R50) 30' STORM SEWER REMOVAL 12"
TBF = 0.0 CY

(R51) 52' STORM SEWER REMOVAL 15"
TBF = 0.0 CY

(R52) 150' STORM SEWER REMOVAL 15"
TBF = 14.8 CY

(R53) 50' STORM SEWER REMOVAL 12"
TBF = 4.5 CY

(R54) 80' STORM SEWER REMOVAL 15"
TBF = 17.6 CY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30
DRAINAGE AND UTILITY PLANS

STATION 495+00 TO STATION 510+00

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

DRAWN BY KRK
CHECKED BY JRV