

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	182
STA. 510+00		TO STA. 525+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

232 STA. 510+71, 63.7' LT  
PRC FLARED END SECTION, 15"  
INV = 710.95

233 STA. 510+99, 63.7' LT  
PRC FLARED END SECTION, 15"  
INV = 711.09

234 STA. 511+22, 35.0' LT  
CB, T-C, T-24 F&G  
RIM = 713.68  
INV = 709.88 (12" S, 4" W)

235 STA. 511+22, 35.0' RT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 713.68  
INV = 709.18 (12" N & SW)  
INV = 709.68 (4" W)

236 STA. 511+12, 45.0' RT  
MH, T-A, 4'-DIA., T-1 FR. CL.  
RIM = 714.05  
INV = 708.81 (15" W)  
INV = 709.10 (12" NE)

237 STA. 511+81, 54.8' RT  
PRC FLARED END SECTION, 15"  
INV = 710.81

238 STA. 512+17, 54.8' RT  
PRC FLARED END SECTION, 15"  
INV = 710.50

239 STA. 512+29, 58.8' LT  
CB, T-C, T-8 GRATE  
RIM = 711.31  
INV = 707.96 (12" E)

240 NOT USED

241 STA. 513+00, 64.7' LT  
CB, T-A, T-8 GRATE.  
RIM = 709.31  
INV = 706.60 (12" W & SE)

242 STA. 513+25, 65.7' LT  
CB, T-C, T-24 F&G  
RIM = 709.26  
INV = 705.30 (12" SW, 4" E)

243 STA. 513+10, 54.6' LT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 709.68  
INV = 705.14 (12" NE & SE)  
INV = 706.52 (12" NW)

244 STA. 513+25, 35.0' RT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 709.64  
INV = 704.23 (12" NW & SE)

245 STA. 513+35, 45.0' RT  
MH, T-A, 4'-DIA., T-1 FR. CL.  
RIM = 709.61  
INV = 702.89 (12" E)  
INV = 705.74 (12" S)  
INV = 704.15 (12" NW)

246 STA. 513+35, 54.3' RT  
CB, T-C, T-8 GRATE  
RIM = 708.13  
INV = 705.80 (12" N)

247 STA. 514+26, 35.0' LT  
CB, T-A, 4' DIA., T-24 F&G  
RIM = 706.81  
INV = 701.27 (12" E)  
INV = 702.81 (4" W)

248 STA. 515+54, 35.0' LT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 703.83  
INV = 700.03 (12" W & S)

249 STA. 515+54, 10.7' LT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 704.31  
INV = 699.79 (12" N & S)

250 STA. 515+54, 11.0' RT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 704.31  
INV = 699.65 (12" N & S)

251 STA. 515+54, 35.0' RT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 703.83  
INV = 699.41 (12" N & S)

252 STA. 515+54, 45.0' RT  
MH, T-A, 4'-DIA., T-1 FR. CL.  
RIM = 704.06  
INV = 697.51 (12" SE & W)  
INV = 699.37 (12" N)

253 STA. 515+84, 55.0' RT  
MH, T-A, 5'-DIA., T-1 FR. CL.  
RIM = 703.42  
INV = 692.76 (33" N & S)  
INV = 696.83 (12" NW)

254 STA. 515+84, 46.5' LT  
MH, T-A, 6'-DIA., T-1 FR. CL.  
RIM = 703.59  
INV = 693.52 (33" S, 27" N)  
INV = 696.56 (30" E)

255 STA. 515+84, 60.6' LT  
CB T-A, 5'-DIA., T-8 GRATE  
RIM = 700.50  
INV = 693.59 (27" S, 24" E)

256 STA. 516+20, 46.5' LT  
MH, T-A, 6'-DIA., WITH 2-T-1 FR. OL.  
RESTRICTOR PLATE  
RIM = 703.17  
INV = 696.73 (30" E)  
INV = 696.71 (30" W)

257 STA. 517+16, 46.5' LT  
MH, T-A, 5'-DIA., T-1 FR. CL.  
RIM = 702.83  
INV = 697.18 (30" E & W)  
INV = 697.66 (12" S)

258 STA. 517+01.63, 35.0' LT  
CB, T-C, T-24 F&G  
RIM = 702.62  
INV = 698.82 (12" E)

259 STA. 517+16, 35.0' LT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 702.63  
INV = 697.71 (12" N & S)  
INV = 698.71 (12" W)  
INV = 698.63 (4" SW)

260 STA. 517+16, 41.4' RT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 702.50  
INV = 698.47 (12" N, 4" W)

261 STA. 517+45, 70.4' LT  
PRC FLARED END SECTION, 18"  
INV = 696.00

262 STA. 517+45, 60.6' LT  
MH T-A, 5'-DIA., T-1 FR.CL.  
RIM = 701.50  
INV = 694.82 (24" E & W)  
INV = 695.97 (18" N)

263 STA. 518+15, 60.6' LT  
MH T-A, 5'-DIA., T-1 FR.CL.  
RIM = 701.65  
INV = 695.33 (24" W)  
INV = 695.34 (24" NE)

264 STA. 518+25, 76' LT  
PRC FLARED END SECTION, 24"  
INV = 695.47  
GRATING FOR CONCRETE FLARED  
END SECTION, 24"

265 STA. 518+33, 46.5' LT  
MH, T-A, 5'-DIA., T-1 FR.CL.  
RIM = 703.59  
INV = 698.08 (30" W)  
INV = 698.83 (21" E)  
INV = 698.84 (12" S)

266 STA. 518+33, 35.0' LT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 703.39  
INV = 698.89 (12" N & S)

267 STA. 518+33, 35.0' RT  
CB, T-C, T-24 F&G  
RIM = 703.39  
INV = 699.59 (12" N)

268 STA. 518+56, 69.8' RT  
PRC FLARED END SECTION, 15"  
INV = 698.63

269 STA. 519+00, 69.8' RT  
PRC FLARED END SECTION, 15"  
INV = 699.29

270 STA. 519+51, 46.5' LT  
MH, T-A, 5'-DIA., T-1 FR. CL.  
RIM = 704.55  
INV = 699.73 (21" W)  
INV = 699.88 (12" S)

271 STA. 519+51, 35.0' LT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 704.35  
INV = 699.93 (12" N & S)  
INV = 700.34 (4" E)

272 STA. 519+51, 0.1' LT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 704.99  
INV = 700.28 (12" N & S)

273 STA. 519+51, 11.0' RT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 704.83  
INV = 700.31 (12" N & S)

274 STA. 519+51, 35.0' RT  
CB, T-C, T-24 F&G  
RIM = 704.35  
INV = 700.55 (12" N, 4" E)

275 STA. 520+30, 45.0' RT  
MH, T-A, 6'-DIA., WITH 2-T-1 FR. OL.  
RESTRICTOR PLATE  
RIM = 705.22  
INV = 696.73 (30" E)  
INV = 695.23 (30" W)

276 STA. 520+40, 45.0' RT  
MH, T-A, 8'-DIA., T-1 FR. CL.  
RIM = 705.30  
INV = 700.27 (30" E)  
INV = 696.74 (30" W)  
INV = 696.77 (60" S)

277 STA. 520+40, 73' RT  
MH, T-A, 9'-DIA., T-1 FR. CL.  
RIM = 705.30  
INV = 696.80 (60" N & E)

278 STA. 521+09, 76.2' LT  
PRC FLARED END SECTION, 15"  
INV = 699.01

279 STA. 521+37, 76.2' LT  
PRC FLARED END SECTION, 15"  
INV = 699.58

280 STA. 521+49, 35.0' LT  
CB, T-C, T-24 F&G  
RIM = 705.96  
INV = 702.16 (12" S, 4" E)

281 STA. 521+49, 35.0' RT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 705.96  
INV = 701.46 (12" N & S)  
INV = 701.96 (4" E)

282 STA. 521+49, 45.0' RT  
MH, T-A, 5'-DIA., T-1 FR. CL.  
RIM = 706.19  
INV = 700.68 (30" W & E)  
INV = 701.42 (12" N)

283 STA. 522+10, 61.0' RT  
PRC FLARED END SECTION, 15"  
INV = 703.49

284 STA. 522+46, 61.0' RT  
PRC FLARED END SECTION, 15"  
INV = 703.99

285 STA. 522+17, 73' RT  
MH, T-A, 7'-DIA., T-1 FR. CL.  
RIM = 706.18  
INV = 697.02 (60" W)

286 STA. 522+19, 72.6' LT  
PRC FLARED END SECTION, 15"  
INV = 701.16

287 STA. 522+47, 72.6' LT  
PRC FLARED END SECTION, 15"  
INV = 701.63

288 STA. 523+73, 35.0' LT  
CB, T-C, T-24 F&G  
RIM = 707.89  
INV = 704.09 (12" S)

289 STA. 523+73, 35.0' RT  
CB, T-A, 4'-DIA., T-24 F&G  
RIM = 707.89  
INV = 703.39 (12" N & S)

290 STA. 523+73, 45.5' RT  
MH, T-A, 5'-DIA., T-1 FR. CL.  
RIM = 708.11  
INV = 701.56 (30" E & W)  
INV = 703.35 (12" N)

291 STA. 523+82.70, 62.5' LT  
PRC FLARED END SECTION, 15"  
INV = 703.07

292 STA. 524+32, 63.1' LT  
CB, T-A, 4'-DIA., T-8 GRATE  
RIM = 705.93  
INV = 703.41 (15" E)  
INV = 703.40 (15" W)

293 STA. 524+83, 63.6' LT  
CB, T-C, T-24 F&G  
RIM = 705.82  
INV = 703.89 (15" W)

(271) SEE SHEET NO. 180

(273) 15" SS, CL. A, T-1  
16' @ 0.50%, TBF = 1.9 CY

(274) 12" SS, CL. A, T-2  
70' @ 1.00%, TBF = 11.9 CY

(275) 29' - PIPE UNDERDRAINS 4"

(276) 46' - PIPE UNDERDRAINS 4"

(277) 12" SS, CL. A, T-2  
8' @ 1.00%, TBF = 0.0 CY

(278) 15" SS, CL. A, T-1  
24' @ 0.85%, TBF = 3.4 CY

(279) 12" SS, CL. A, T-1  
68' @ 2.00%, TBF = 6.1 CY

(280) 12" SS, CL. A, T-1  
8' @ 1.00%, TBF = 0.0 CY

(281) 12" SS, CL. A, T-2  
16' @ 1.00%, TBF = 2.3 CY

(282) 62' - PIPE UNDERDRAINS 4"

(283) 12" SS, CL. A, T-2  
91' @ 1.00%, TBF = 24.2 CY

(284) 12" SS, CL. A, T-2  
8' @ 1.00%, TBF = 0.0 CY

(285) 12" SS, CL. A, T-1  
6' @ 1.00%, TBF = 0.0 CY

(286) 80' - PIPE UNDERDRAINS 4"

(287) 12" SS, CL. A, T-2  
215' @ 2.50%, TBF = 31.3 CY

(288) 12" SS, CL. A, T-2  
124' @ 1.00%, TBF = 22.8 CY

(289) 12" SS, CL. A, T-2  
24' @ 1.00%, TBF = 3.2 CY

(290) 12" SS, CL. A, T-2  
14' @ 1.00%, TBF = 0.0 CY

(291) 12" SS, CL. A, T-2  
24' @ 1.00%, TBF = 4.2 CY

(292) 12" SS, CL. A, T-2  
4' @ 1.00%, TBF = 0.0 CY

(293) 12" SS, CL. A, T-2  
27' @ 2.50%, TBF = 0.0 CY

(294) 33" SS, CL. A, T-2  
77' @ 0.79%, TBF = 0.0 CY

(295) 33" SS, CL. A, T-2  
96' @ 0.79%, TBF = 139.0 CY

(296) 27" SS, CL. A, T-2  
9' @ 0.79%, TBF = 8.3 CY

(297) 30" SS, CL. A, T-2  
30' @ 0.50%, TBF = 27.9 CY

(298) 30" SS, CL. A, T-2  
91' @ 0.50%, TBF = 72.4 CY

(299) 24" SS, CL. A, T-2  
156' @ 0.79%, TBF = 20.7 CY

(300) 12" SS, CL. A, T-2  
5' @ 1.00%, TBF = 2.5 CY

(301) 12" SS, CL. A, T-1  
11' @ 1.00%, TBF = 1.5 CY

(302) 23' - PIPE UNDERDRAINS 4"

(303) 12" SS, CL. A, T-2  
76' @ 1.00%, TBF = 15.7 CY

(304) 53' - PIPE UNDERDRAINS 4"

(305) 30" SS, CL. A, T-2  
112' @ 0.80%, TBF = 74.0 CY

(306) 18" SS, CL. A, T-2  
1' @ 0.50%, TBF = 0.0 CY

(307) 24" SS, CL. A, T-2  
65' @ 0.79%, TBF = 26.1 CY

(308) 24" SS, CL. A, T-2  
10' @ 0.79%, TBF = 0.0 CY

(309) 12" SS, CL. A, T-2  
5' @ 1.00%, TBF = 1.8 CY

(310) 12" SS, CL. A, T-2  
70' @ 1.00%, TBF = 11.1 CY

(311) 21" SS, CL. A, T-2  
113' @ 0.80%, TBF = 40.5 CY

(312) 15" SS, CL. A, T-1  
32' @ 1.50%, TBF = 3.8 CY

(313) 12" SS, CL. A, T-2  
5' @ 1.00%, TBF = 1.7 CY

(314) 12" SS, CL. A, T-2  
35' @ 1.00%, TBF = 6.1 CY

(315) 44' - PIPE UNDERDRAINS 4"

(316) 12" SS, CL. A, T-2  
3' @ 1.00%, TBF = 0.0 CY

(317) 12" SS, CL. A, T-2  
24' @ 1.00%, TBF = 3.2 CY

(318) 32' - PIPE UNDERDRAINS 4"

(319) 30" SS, CL. A, T-2  
43' @ 0.51%, TBF = 0.0 CY  
(CONNECT TO PROPOSED  
BOX - INV = 695.01)

(320) 30" SS, CL. A, T-2  
3' @ 0.40%, TBF = 0.0 CY

(321) 60" SS, CL. A, T-2  
20' @ 0.13%, TBF = 0.0 CY

(322) 60" SS, CL. A, T-2  
169' @ 0.13%, TBF = 0.0 CY

(323) 30" SS, CL. A, T-2  
103' @ 0.40%, TBF = 0.0 CY

(324) 15" SS, CL. A, T-2  
16' @ 2.02%, TBF = 4.5 CY

(325) 12" SS, CL. A, T-2  
70' @ 1.00%, TBF = 9.0 CY

(326) 30' - PIPE UNDERDRAINS 4"

(327) 30' - PIPE UNDERDRAINS 4"

(328) 12" SS, CL. A, T-2  
4' @ 1.00%, TBF = 0.0 CY

(329) 30" SS, CL. A, T-2  
219' @ 0.40%, TBF = 13.9 CY

(330) 15" SS, CL. A, T-1  
24' @ 1.39%, TBF = 2.1 CY

(331) 15" SS, CL. A, T-1  
16' @ 1.65%, TBF = 2.3 CY

(332) 12" SS, CL. A, T-2  
70' @ 1.00%, TBF = 11.8 CY

(333) 12" SS, CL. A, T-2  
4' @ 1.00%, TBF = 0.0 CY

(334) 30" SS, CL. A, T-2  
245' @ 0.35%, TBF = 30.8 CY

(335) 15" SS, CL. A, T-1  
41' @ 0.70%, TBF = 3.8 CY

(336) 15" SS, CL. A, T-1  
48' @ 1.00%, TBF = 4.5 CY

(337A) 64' - PIPE UNDERDRAINS 4"

(337B) 46' - PIPE UNDERDRAINS 4"

- (R55) 159' STORM SEWER REMOVAL 15"  
TBF = 32.2 CY
- (R56) 157' STORM SEWER REMOVAL 24"  
TBF = 26.7 CY
- (R57) 64' STORM SEWER REMOVAL 24"  
TBF = 10.0 CY
- (R58) 28' STORM SEWER REMOVAL 15"  
TBF = 1.1 CY
- (R59) 52' STORM SEWER REMOVAL 48"  
TBF = 6.5 CY
- (R60) 223' STORM SEWER REMOVAL 18"  
TBF = 24.0 CY
- (R61) 40' STORM SEWER REMOVAL 36"  
TBF = 17.2 CY
- (R62) 31' STORM SEWER REMOVAL 12"  
TBF = 1.1 CY
- (R63) 20' STORM SEWER REMOVAL 24"  
TBF = 6.7 CY
- (R64) 28' STORM SEWER REMOVAL 21"  
TBF = 8.7 CY
- (R65) 174' STORM SEWER REMOVAL 18"  
TBF = 42.9 CY
- (R66) 28' STORM SEWER REMOVAL 18"  
TBF = 1.2 CY
- (R67) 27' STORM SEWER REMOVAL 15"  
TBF = 1.1 CY
- (R68) NOT USED
- (R69) 24' STORM SEWER REMOVAL 18"  
TBF = 1.1 CY
- (R70) 60' STORM SEWER REMOVAL 18"  
TBF = 2.7 CY
- (R71) NOT USED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
U.S. ROUTE 30  
DRAINAGE AND UTILITY PLANS  
STATION 510+00 TO STATION 525+00

SCALE: VERT. 1" = 10'  
HORIZ. 1" = 40'  
DATE: 6/11/2010

DRAWN BY: KRK  
CHECKED BY: JRV