

F.A.I. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80-55-99-1(K, BY&AC-B)	WILL		497	149
STA. 1037+50	TO STA. 1046+50			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 80906				



SEE SHEET NO.144 | SEE SHEET NO.146
MATCH LINE STA. 1046+50

SEE SHEET NO.144
MATCH LINE STA. 29+00 RAMP "G"

SEE SHEET NO.146
MATCH LINE STA. 27+50 RAMP "E"

- 312 PIPE UNDERDRAINS 6" 400 L.F.
- 313 PIPE UNDERDRAINS 6" (SPECIAL) 31 L.F.
- 314 STA. 32+00, 34' RT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 579.74
- 315 STA. 33+10, 100' LT CIP END SEC 36 (35° SKEW) INV. = 575.80
- 316 P CUL CL A1 36 123' - 36" @ 1.08% T.B.F. = 2 C.Y.
- 317 STA. 38+41, 25' RT MH TA, 5' DIA., TIF CL FLAT SLAB TOP T/F = 578.08 INV. = 574.47
- 318 PIPE UNDERDRAINS 6" 458 L.F.
- 319 SS 1 RCP CL 3 36 221' - 36" @ 1.08% T.B.F. = 0 C.Y.
- 320 STA. 35+75, 42' RT MH TA, 5' DIA., TIF OL FLAT SLAB TOP T/F = 575.85 INV. = 572.08
- 321 STA. 36+43, 22' RT MH TO BE ADJ. - 1 EA. INV. = 573.00 (SE) INV. = 571.39 (S) INV. = 571.39 (NW)(EXIST)
- 322 SS 2 RCP CL 3 42 218' - 42" @ 0.58% T.B.F. = 0 C.Y.
- 323 STA. 38+71, 16' RT MH TA, 6' DIA., TIF CL T/F = 578.56 INV. = 570.13 (N,S) INV. = 571.84 (NE)

- 324 STA. 38+60, 7' RT CB TA 4' DIA T3 F&G RIM = 576.85 INV. = 571.94
- 325 SS 2 RCP CL 3 12 10' - 12" @ 1.0% T.B.F. = 3 C.Y.
- 326 PIPE UNDERDRAINS 6" (SPECIAL) 17 L.F.
- 327 STA. 1038+00 CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 575.18
- 328 STA. 1039+00, 26' RT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 576.55
- 329 PIPE UNDERDRAINS 6" (SPECIAL) 16 L.F.
- 330 STA. 1039+97, 17' LT CONCRETE COLLAR
- 331 P CUL CL A1 24 14' - 24" @ 0.50% T.B.F. = 3 C.Y.
- 332 STA. 1039+97, 3' RT INLET BOX TYPE C INV. = 575.19
- 333 SS 1 RCP CL 4 64' - 24" @ 1.0% T.B.F. = 17 C.Y.
- 334 STA. 36+81, 35' LT MH TA 5' DIA TIF OL RIM = 578.00 INV. = 575.02 (E) INV. = 573.64 (W)
- 335 PIPE UNDERDRAINS 6" 245 L.F.
- 336 STA. 1041+00, 84' LT CONC. HEADWALL FOR PIPE DRAINS - 2 EA. INV. = 576.60

- 337 PIPE UNDERDRAINS 6" (SPECIAL) 2 @ 37 L.F.
- 338 PIPE UNDERDRAINS 6" 500 L.F.
- 339 PIPE UNDERDRAINS 6" 500 L.F.
- 340 SEE SHEET NO. 148 PIPE #273
- 341 STA. 1042+50, 88' RT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 578.48
- 342 PIPE UNDERDRAINS 6" (SPECIAL) 29 L.F.
- 343 PIPE UNDERDRAINS 6" (SPECIAL) 18 L.F.
- 344 STA. 1043+00, 2' LT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 578.89

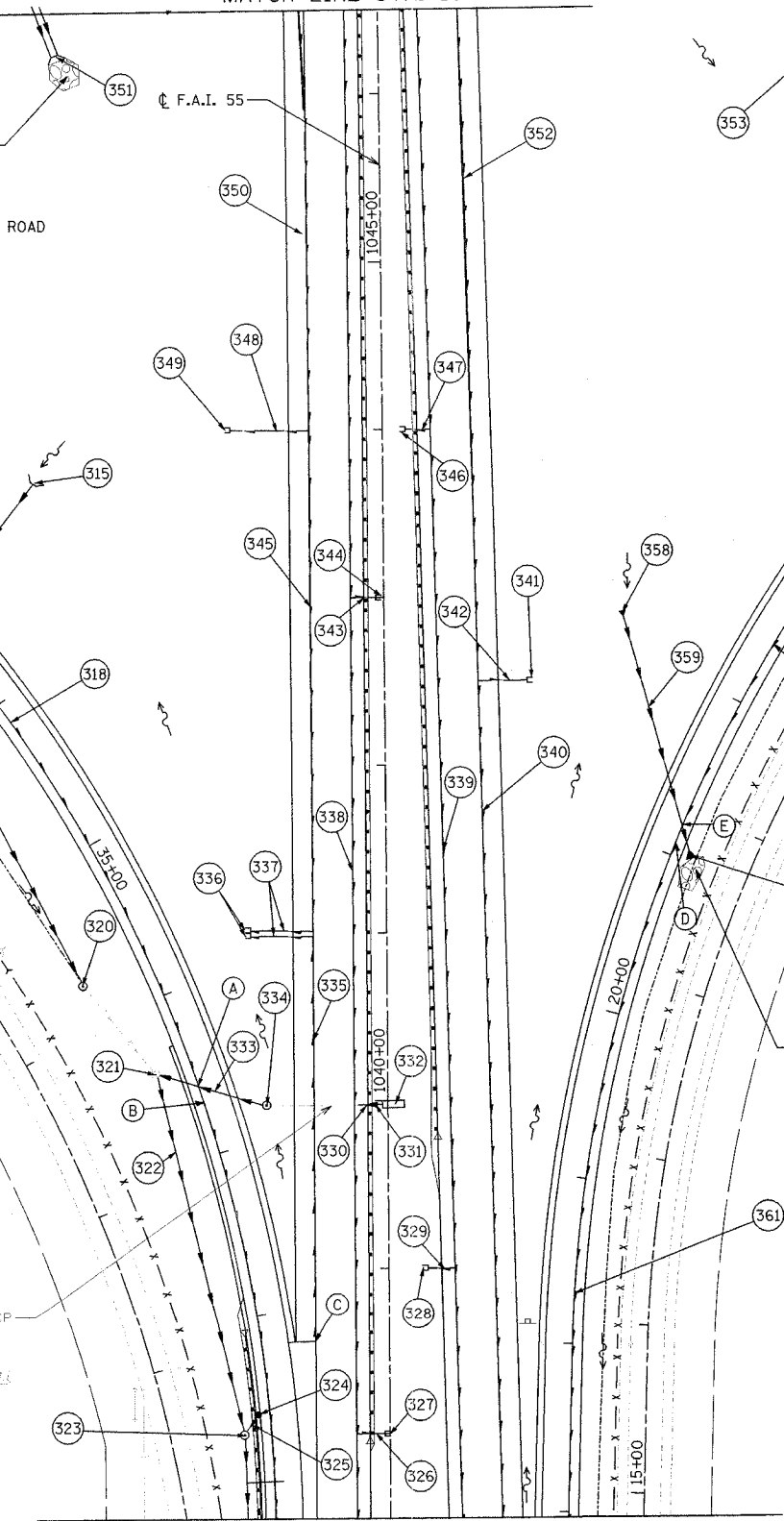
EXIST. 24" RCP

STONE RIPRAP CL A3, 29 SY
FILTER FAB FOR RIPRAP, 29 SY

STONE RIPRAP CL A3, 33 SY
FILTER FAB FOR RIPRAP, 33 SY

STONE RIPRAP CL A3, 6 SY
FILTER FAB FOR RIPRAP, 6 SY

LEGEND	
	EXISTING DITCH LINE
	PROPOSED DITCH LINE
	PROPOSED FLOW DIRECTION
	AGGREGATE DITCH
	EXISTING STORM SEWER
	EXISTING PIPE CULVERT
	EXISTING PIPE UNDERDRAIN
	PROPOSED STORM SEWER OR PIPE CULVERT
	PROPOSED PIPE UNDERDRAIN



- 345 PIPE UNDERDRAINS 6" 300 L.F.
- 346 STA. 1044, 11' RT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 578.75
- 347 PIPE UNDERDRAINS 6" (SPECIAL) 18 L.F.
- 348 PIPE UNDERDRAINS 6" (SPECIAL) 47 L.F.
- 349 STA. 1044+00, 94' RT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 578.57
- 350 PIPE UNDERDRAINS 6" 278 L.F.
- 351 STA. 5+01, 118' LT CIP END SEC 30 (2 PIPES) INV. = 577.00
- 352 PIPE UNDERDRAINS 6" 550 L.F.
- 353 STA. 12+33, 101' LT PRC FLAR END SEC 24 GRATING-C FL END S 24 INV. = 577.05
- 354 PIPE UNDERDRAINS 6" 400 L.F.
- 355 PIPE UNDERDRAINS 6" (SPECIAL) 14 L.F.

- 356 STA. 24+00, 17' RT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 577.39
- 357 PIPE UNDERDRAINS 6" 230 L.F.
- 358 STA. 22+11, 86' LT PRC FLAR END S EL EQRS 30 GRT-C FL END S EQV 30 INV. = 575.80
- 359 P CULI RC-E EQRS 30 144' - EQ RS 30 @ 0.56% T.B.F. = 39 C.Y.
- 360 STA. 21+02, 12' RT PRC FLAR END S EL EQRS 30 GRT-C FL END S EQV 30 INV. = 575.00
- 361 PIPE UNDERDRAINS 6" 498 L.F.

- A CONNECT PROP. PIPE UNDERDRAIN TO PROP. CULVERT STA. 36+58 INV. = 573.99
- B BEGIN UNDERDRAIN STA. 36+68 INV. = 575.67
- C BEGIN UNDERDRAIN STA. 1038+55, 44' LT INV. = 575.59
- D BEGIN UNDERDRAIN STA. 21+08 INV. = 576.22
- E CONNECT PROP. PIPE UNDERDRAIN TO PROP. CULVERT STA. 21+18 INV. = 576.04

REVISIONS	
NAME	DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. 80 & F.A.I. 55 INTERCHANGE
PROPOSED DRAINAGE PLAN
F.A.I. 55, RAMPS "E" & "G"
SCALE: 1" = 50'
DATE: JANUARY, 2005
DRAWN BY: KMS
CHECKED BY: MJL

DATE: 01/03/2005
FILENAME: n:\proj\26800880-02\design\frames\2680-02.dwg