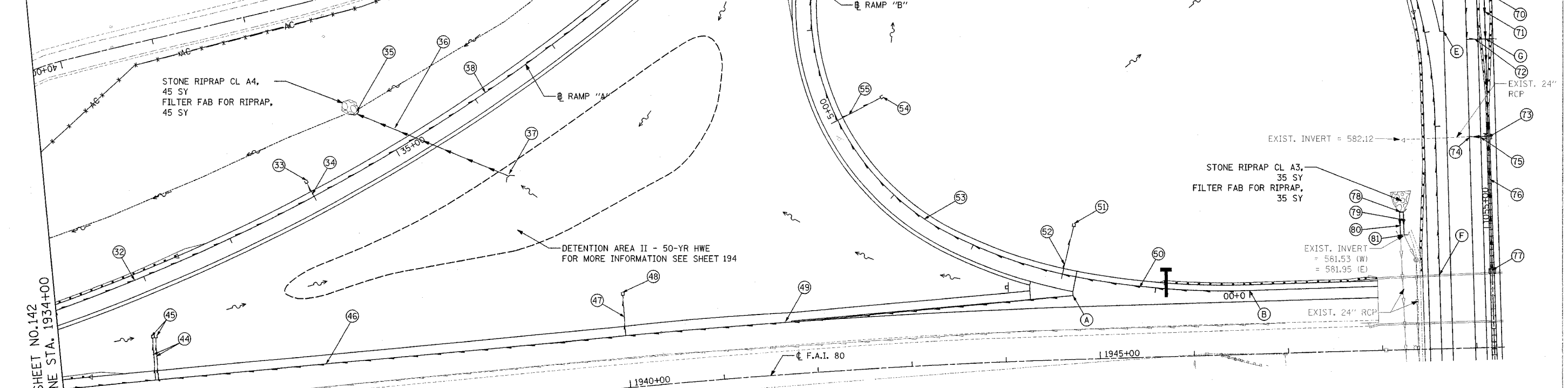


|                        |                 |                  |              |           |
|------------------------|-----------------|------------------|--------------|-----------|
| F.A.I. ROUTE           | SECTION         | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 80-55,99-10K, BY&AC-B) | WILL            |                  | 497          | 143       |
| STA. 1934+00           | TO STA. 1949+25 |                  |              |           |
| FED. ROAD DIST. NO. 1  | ILLINOIS        | FED. AID PROJECT |              |           |
| CONTRACT NO. 80906     |                 |                  |              |           |

- 32 PIPE UNDERDRAINS 6" 462 L.F.
- 33 STA. 36+00, 19' RT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 600.81
- 34 PIPE UNDERDRAINS 6" (SPECIAL) 16 L.F.
- 35 STA. 35+17, 54' RT CIP END SEC 21 (40° SKEW) INV. = 590.25
- 36 P CUL CL A3 21 175' - 21" @ 1.00% T.B.F. = 61 C.Y.
- 37 STA. 34+15, 88' LT CIP END SEC 21 (40° SKEW) INV. = 592.00
- 38 PIPE UNDERDRAINS 6" 400 L.F.
- 39 PIPE UNDERDRAINS 6" (SPECIAL) 18 L.F.
- 40 STA. 32+00, 21' RT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 595.48
- 41 PIPE UNDERDRAINS 6" 300 L.F.
- 42 STA. 29+00, 19' RT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 590.62
- 43 PIPE UNDERDRAINS 6" (SPECIAL) 16 L.F.
- 44 PIPE UNDERDRAINS 6" (SPECIAL) 2 @ 45 L.F.
- 45 STA. 1935+00, 104' LT CONC. HEADWALL FOR PIPE DRAINS - 2 EA. INV. = 601.20
- 46 PIPE UNDERDRAINS 6" 500 L.F.
- 47 PIPE UNDERDRAINS 6" (SPECIAL) 43 L.F.
- 48 STA. 1942+00, 103' LT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 606.20
- 49 PIPE UNDERDRAINS 6" 474 L.F.
- 50 PIPE UNDERDRAINS 6" 200 L.F.
- 51 STA. 2+00, 55' RT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 607.00
- 52 PIPE UNDERDRAINS 6" (SPECIAL) 52 L.F.
- 53 PIPE UNDERDRAINS 6" 300 L.F.
- 54 STA. 5+00, 55' RT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 602.80
- 55 PIPE UNDERDRAINS 6" (SPECIAL) 52 L.F.
- 56 PIPE UNDERDRAINS 6" 600 L.F.
- 57 STA. 11+00, 31' RT CONC. HEADWALL FOR PIPE DRAINS - 2 EA. INV. = 584.38
- 58 PIPE UNDERDRAINS 6" (SPECIAL) 2 @ 28 L.F.
- 59 PIPE UNDERDRAINS 6" 200 L.F.
- 60 STA. 12+90, 96' LT CIP END SEC 30 INV. = 582.88
- 61 P CUL CL A1 30 148' - 30" @ 0.59% T.B.F. = 91 C.Y.
- 62 STA. 13+20, 59' RT PRC FLAR END SEC 30 GRATING-C FL END SEC 30 INV. = 582.00
- 63 PIPE UNDERDRAINS 6" 551 L.F.
- 64 PIPE UNDERDRAINS 6" 336 L.F.
- 65 STA. 1060+45, 94' LT CONC. HEADWALL FOR PIPE DRAINS - 1 EA. INV. = 584.96
- 66 PIPE UNDERDRAINS 6" (SPECIAL) 47 L.F.
- 67 PIPE UNDERDRAINS 6" 500 L.F.
- 68 STA. 1059+06 PRC CONC FLAR END SEC 24 GRATING-C FL END SEC 24 INV. = 586.36
- 69 P CUL CL A1 24 150' - 24" @ 1.24% T.B.F. = 9 C.Y.
- 70 STA. 1057+50 CB, TA, 4' DIA., T1F OL T/F = 588.00 INV. = 584.50
- 71 SS 1 RCP CL 4 24 150' - 24" @ 0.45% T.B.F. = 18 C.Y.
- 72 PIPE UNDERDRAINS 6" (SPECIAL) 20 L.F.
- 73 STA. 1055+96 DRAINAGE STRUCTURE, 8'X3' TYPE 20 F&G T/F = 588.50 (3' RT) T/F = 587.80 (3' LT) INV. = 583.82 NOTE: SEE F.A.I. ROUTE 55 MEDIAN DETAIL SHEET NO. 167 TO 171 FOR MORE INFORMATION
- 74 STA. 1055+97, 20' LT CONCRETE COLLAR
- 75 P CUL CL A1 24 20' - 24" @ 1.00% T.B.F. = 5 C.Y.
- 76 SS 2 RCP CL 3 12 143' - 12" @ 1.0% T.B.F. = 23 C.Y.
- 77 STA. 1054+54 DRAINAGE STRUCTURE, 8'X3' TYPE 20 F&G T/F = 588.50 (3' RT) T/F = 588.25 (3' LT) INV. = 585.25 NOTE: SEE F.A.I. ROUTE 55 MEDIAN DETAIL SHEET NO. 167 TO 171 FOR MORE INFORMATION
- 78 STA. 1055+19, 94' LT CIP END SEC 24 (2 PIPES) INV. = 582.00
- 79 P CUL CL A2 24 24' - 24" @ 0.21% T.B.F. = 6 C.Y.
- 80 P CUL CL A2 24 24' - 24" @ 1.96% T.B.F. = 6 C.Y.
- 81 STA. 1054+95, 93' LT STA. 1054+95, 96' LT CONCRETE COLLAR



SEE SHEET NO. 142  
MATCH LINE STA. 1934+00

SEE SHEET NO. 150  
MATCH LINE STA. 1061+00

- (A) BEGIN UNDERDRAIN STA. 1944+74, 68' LT INV. = 609.20
- (B) BEGIN UNDERDRAIN STA. 0+00 INV. = 609.20
- (C) BEGIN UNDERDRAIN STA. 13+00 INV. = 585.80
- (D) CONNECT PROP. PIPE UNDERDRAIN TO PROP. CULVERT - STA. 13+04 INV. = 582.32
- (E) BEGIN UNDERDRAIN STA. 1057+09, 44' LT INV. = 587.12
- (F) BEGIN UNDERDRAIN STA. 1054+51, 56' LT INV. = 585.15
- (G) CONNECT PROP. PIPE UNDERDRAIN TO PROP. CULVERT - STA. 1057+00 INV. = 584.69

| LEGEND |                                      |
|--------|--------------------------------------|
|        | EXISTING DITCH LINE                  |
|        | PROPOSED DITCH LINE                  |
|        | AGGREGATE DITCH                      |
|        | EXISTING STORM SEWER                 |
|        | EXISTING PIPE CULVERT                |
|        | PROPOSED STORM SEWER OR PIPE CULVERT |
|        | EXISTING PIPE UNDERDRAIN             |
|        | PROPOSED PIPE UNDERDRAIN             |

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |
|           |      |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.I. 80 & F.A.I. 55 INTERCHANGE  
PROPOSED DRAINAGE PLAN  
F.A.I. 80, F.A.I. 55,  
RAMPS "A" & "B"

SCALE: 1" = 50'  
DATE: JANUARY, 2005

DRAWN BY: KMS  
CHECKED BY: MJL

DATE: 01/03/2005  
FILENAME: I:\proj\28802880\2880\_02\design\drainage\2880\_drainage\_02.dgn