

**CURVE NO 3**  
 PI STA = 39+183.523  
 Δ = 62° 37' 42" (RT)  
 R = 780.000 m  
 T = 474.512 m  
 L = 852.596 m  
 E = 132.996 m  
 PC STA = 38+709.010  
 PT STA = 39+561.606  
 SE = 5.5%  
 SE ATTAINED STA 38+649.000 TO STA 38+729.000  
 SE REMOVED STA 39+542.000 TO STA 39+622.000

JAMES FITZGERALD, MARK W. SIEVERS,  
 JAMES K. AND JUDITH D. SIEVERS  
 [PARCEL NO. 8239057]

SW 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

**CURVE RAMP F-2**  
 PI STA = 0+283.025  
 Δ = 30° 13' 51" (RT)  
 R = 255.000 m  
 T = 68.878 m  
 L = 134.545 m  
 E = 9.138 m  
 PC STA = 0+214.147  
 PT STA = 0+348.692  
 SE = 6.0%  
 SE ATTAINED STA 0+174.000 TO STA 0+234.000  
 SE REMOVED STA 0+308.692 TO STA 0+438.969

ERNEST A. HOOD  
 [PARCEL NO. 8239079]

| F.A.P. RTE.         | SECTION       | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310                 | 60-15, 60-15B | MADISON                   | 474          | 231       |
| STA.                |               | TO STA.                   |              |           |
| FED. ROAD DIST. NO. |               | ILLINOIS FED. AID PROJECT |              |           |
| CONTRACT NO. 76323  |               |                           |              |           |

FOR ENTRANCE RAMP F TERMINAL DETAILS AND PROFILE SEE SHEETS 84 & 159-160

STA 39+410.000, 19.000 m LT FAP 310 = STA 0+533.866, RAMP F

STA 39+540  
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 600 mm Ø X 29.4 m  
 USFL 188.055, 0.9 m LT  
 DSFL 187.880, 30.3 m LT  
 MEDIAN INLET STD 604101  
 GRATE = 189.075  
 PIPE TEE STD 542606, 600 mm PIPE, 600 mm RISER, ONE END PLUGGED  
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 1-EACH

STA 39+700  
 PROPOSED PIPE CULVERT, RCCP, TYPE 5, 1.050 m Ø X 125.7 m  
 USFL 185.135, 57.6 m RT  
 DSFL 184.256, 68.1 m LT  
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 2-EACH  
 DRAINAGE AREA = 9.98 ha  
 50 YR FLOW = 3.26 cms  
 100 YR FLOW = 3.96 cms

STONE DUMPED RIPRAP, CLASS B3  
 291.7 SQ M  
 STA 39+650.000  
 54.864 m LT

PROPOSED ENERGY DISSIPATION BASIN  
 SEE DETAIL ON SHEET 264

STA 39+350.000  
 60.960 m LT

BORING NO. HA 38  
 STA. 39+475, 12.00m LT

BORING NO. RE-HA 5  
 STA. 0+450, 0.00m BL

PT STA 0+348.692

STA 39+650.000  
 54.864 m LT

BORING NO. RE-HA 3  
 STA. 0+250, 0.00m BL

BORING NO. HA 42  
 STA. 39+700, 12.00m LT

BORING NO. HA 40  
 STA. 39+650, 12.00m LT

BORING NO. RE-HA 4  
 STA. 0+350, 5.00m LT

MATCH LINE STA 39+350

MATCH LINE STA 39+700

BORING NO. HA 37  
 STA. 39+375, 12.00m RT

BORING NO. RE-HA 1  
 STA. 0+000, 0.00m BL

PT STA 39+561.606

BORING NO. HA 39  
 STA. 39+575, 12.00m RT

BORING NO. RE-HA 2  
 STA. 0+100, 0.00m BL

BORING NO. HA 41  
 STA. 39+675, 12.00m RT

STA 39+505.000, 19.000 m RT FAP 310 = STA 0+000.000, RAMP E

FOR EXIT RAMP E TERMINAL DETAILS AND PROFILE SEE SHEETS 85 & 161-162

STA 39+603  
 PROPOSED MANHOLE, TYPE A, 1.500 m Ø, STD 602401  
 TYPE 1 FRAME AND OPEN LID STD 604001  
 TOP LID = 190.280, 19.9 m RT  
 PROPOSED PIPE CULVERT, RCCP, TYPE 3, 600 mm Ø X 18.4 m  
 USFL 186.555, 20.2 m RT  
 DSFL 186.370, 38.6 m RT  
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 1-EACH

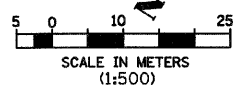
**CURVE RAMP E-1**  
 PI STA = 0+027.227  
 Δ = 4° 09' 29" (RT)  
 R = 750.000 m  
 T = 27.227 m  
 L = 54.429 m  
 E = 0.494 m  
 PC STA = 0+000.000  
 PT STA = 0+054.429  
 SE = 5.5%  
 SE REMOVED STA 0+035.950 TO STA 0+081.052

**CURVE RAMP E-2**  
 PI STA = 0+154.487  
 Δ = 10° 52' 32" (RT)  
 R = 255.000 m  
 T = 24.274 m  
 L = 48.402 m  
 E = 1.153 m  
 PC STA = 0+130.213  
 PT STA = 0+178.615  
 SE = 6.0%  
 SE ATTAINED STA 0+095.441 TO STA 0+151.213  
 SE REMOVED STA 0+164.000 TO STA 0+209.000

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SE 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

SOIL STRATA PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.



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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SOIL STRATA PLAN**  
**FAP 310 (IL 255)**  
**SECTION 60-15**  
**MADISON COUNTY**  
 DRAWN BY EBB  
 CHECKED BY  
 DATE