F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP399	36R-1,37R-2	TAZEWELL	449	133
STA 9+225	TO STA 9+400			
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY NOTE BOOK	NO.	BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			

MATCH LINE STATION 9+225

MATCH LINE STATION 9+400

HOWARD STREET

WILLIAM STREET

450mm Ø SS x 29.7 @ 0.30%

300mm Ø SS x 18.9m @ 0.78% (18.9m WMR)

L.P. STA 9+256.390

600mm Ø SS x 29.1m @ 0.30%

WARP GUTTER

600mm Ø SS x 9.4m @ 0.30%

300mm Ø SS x 1.2m @ 8.00%

300mm Ø SS x 6.4m @ 0.30%

300mm Ø SS x 5.3m @ 0.30%

600mm Ø SS x 22.0m @ 0.30%

300mm Ø SS x 18.2m @ 1.0% (18.2m WMR)

600mm Ø SS x 18.5m @ 0.31%

300mm Ø SS x 5.3m @ 0.47%

600mm Ø SS x 28.2m @ 0.31%

300mm Ø SS x 5.2m @ 1.15%

750mm Ø SS x 21.9m @ 0.38% (21.9m WMR)

900mm Ø SS x 25.7m @ 0.21%

300mm Ø SS x 8.1m @ 0.85%

900mm Ø SS x 13.5m @ 0.20%

750mm Ø SS x 7.2m @ 0.50%

PROP DITCH @ 0.40%

PROP DITCH @ 0.85%

450mm Ø RCP CULVERT, 10.0m @ 0.80%

PROPOSED RIPRAP, SEE LANDSCAPING PLANS

91 m R.C.P.

REMOVE PORTION OF EXISTING CULVERT AND INSTALL CONCRETE FLARED END SECTION ON REMAINING PORTION. THE CONTRACTOR TO VERIFY THE LOCATION AND ELEVATION OF EXISTING PIPE.

SCALE IN METERS

ORIGINAL SURVEY NOTE BOOK	NO.	BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			

PROP DITCH RIGHT 0.40%

450mm Ø SS x 29.7 @ 0.30%

INV. 202.008

INV. 201.923

600mm Ø SS x 29.1m @ 0.30%

450mm Ø RCP CULVERT 10.0m @ 0.80%

INV. 202.139

INV. 202.145

0.85%

300mm Ø SS x 6.4m @ 0.30%

INV. 201.837

INV. 202.220

INV. 202.074

600mm Ø SS x 22.0m @ 0.30%

PROP DITCH RIGHT

INV. 201.774

INV. 202.017

600mm Ø SS x 18.5m @ 0.30%

INV. 201.717

INV. 201.942

600mm Ø SS x 28.2m @ 0.31%

INV. 202.355

750mm Ø SS (WMR) T2 x 21.9m @ 0.55%

INV. 201.630

CONNECT TO STRUCT. INV. 201.546

900mm Ø SS x 25.7m @ 0.21%

INV. 202.284

900mm Ø SS x 13.5m @ 0.20%

+3.89%

PROP DITCH RIGHT

INV. 201.685

300mm Ø SS x 8.1m @ 0.85%

+256.060 LT. RIM 203.314 INL MH, TYPE G-1, 1.5m DIA

+262.019 RT. INV. 202.462 450mm, PRC FES

+272.019 RT. INV. 202.382 450mm, PRC FES

+286.540 LT. RIM 203.354 INL MH, TYPE G-1, SPECIAL, 1.5m DIA

+290.000 LT. RIM 202.780 INLET TYPE A T8 G

+310.000 LT. RIM 203.402 INL MH, TYPE G-1, SPECIAL, 1.5m DIA

+333.000 LT. RIM 203.470 INL MH, TYPE G-1, SPECIAL, 1.5m DIA

+360.000 LT. RIM 203.583 INL MH, TYPE G-1, SPECIAL, 1.5m DIA

+379.289 LT. RIM 203.115 INLET TYPE A

+387.451 LT. RIM 203.706 MANHOLE TYPE A, 2.1m DIA T1 F CL

+400.000, INV. 202.278

+375.318 RT. INV. 201.500

+380.000 RT. INV. 201.500

203.301 203.524 | 203.319 203.513 | 203.310 203.507 | 203.328 203.506 | 203.317 203.510 | 203.324 203.520 | 203.287 203.536 | 203.269 203.556 | 203.277 203.582 | 203.277 203.613 | 203.297 203.650 | 203.338 203.692 | 203.390 203.739 | 203.418 203.789 | 203.449 203.838 | 203.537 203.688 | 203.632 203.938 | 203.697 203.988

9+225 9+250 9+275 9+300 9+325 9+350 9+375 9+400

197 198 199 200 201 202 203 204 205 206 207 208 209

DRAINAGE & UTILITIES PLAN AND PROFILE