118
STORM SEWERS,
CLASS A, TYPE 2, 24"
125' @ 0.30%
TBF=104 CY

119
STORM SEWERS,
CLASS A, TYPE 2, 24"
125' @ 0.30%
TBF=112 CY

121
STORM SEWERS,
CLASS A, TYPE 2, 18"
250' @ 0.30%
TBF=99 CY

123
STORM SEWERS,
CLASS A, TYPE 2, 18"
125' @ 0.30%
TBF=55 CY

124
STORM SEWERS,
CLASS A, TYPE 2, 15"
125' @ 0.30%
TBF=37 CY

126
STORM SEWERS,
CLASS A, TYPE 2, 12"
250' @ 0.30%
TBF=69 CY

128A
STORM SEWERS
JACKED IN PLACE, 48"
268' @ 0.50%

128
STORM SEWERS,
CLASS A, TYPE 2, 12"
50' @ 0.30%
TBF=13 CY

129
STORM SEWERS
JACKED IN PLACE, 18"
101' @ 0.69%

131
STORM SEWERS,
CLASS A, TYPE 2, 18"
100' @ 0.30%
TBF=29 CY

133
STORM SEWERS,
CLASS A, TYPE 2, 18"
200' @ 0.30%
TBF=60 CY

117, 120, 122, 125, 127, 130, 132
STORM SEWERS,
CLASS A, TYPE 2, 12"
5' @ 1.00%

EX. R.O.W.

100-YR FLOODPLAIN

PIPE UNDERDRAINS 6" (SPECIAL)(TYP.)-(WB)

STA. 734+24/104.6' LT
CIP RC END SEC
INV.=631.48
(SEE SHEET #189)

CULVERT TO BE
CLEANED, 261 FT

MATCHLINE STA. 723+00
SEE SHEET NO. 84

MATCHLINE STA. 738+00
SEE SHEET NO. 86

116-MH 118-MH 119-MH 121-MH 123-MH 124-MH 126-MH 128-CB 129-MH 131-MH

117-CB 120-CB 122-CB 125-CB 127-CB 130-CB 132-CB

PIPE UNDERDRAINS 6" (TYP.)-(WB)

PIPE UNDERDRAINS 6" (TYP.)-(EB)

PIPE UNDERDRAINS 6" (SPECIAL)(TYP.)-(EB)

℄ F.A.I. ROUTE 80

EXISTING 6'X5' BOX CULVERT (SN: 099-0510) TO REMAIN

HICKORY CREEK TRIBUTARY

122-CB
STA. 728+50/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=645.58
INV.=637.89 (W)

125-CB
STA. 731+00/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=646.54
INV.=640.09 (W)

101-HW
STA. 735+50/106.3' LT
CAST-IN-PLACE REINFORCED
CONCRETE END SECTIONS, 18"
INV.=635.70

130-CB
STA. 735+50/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=648.59
INV.=641.30 (W)

116-MH
STA. 723+50/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=642.07
INV.=634.34 (N)(S)(E)

118-MH
STA. 724+75/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
℄= 642.74
INV.=634.72 (N)(S)

120-CB
STA. 726+00/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=644.39
INV.= 637.14 (W)

123-MH
STA. 729+75/1.6' LT
MANHOLES, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=645.25
INV.=638.22 (S)
INV.=639.42 (N)

126-MH
STA. 733+50/1.7' LT
MANHOLES, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=646.62
INV.=640.79 (N)(S)(E)

128-CB
STA. 734+00/1.7' LT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=646.44
INV.=640.94 (S)

STA. 734+24/104.6' LT
CIP RC END SEC
INV.=632.83
(SEE SHEET #190)

117-CB
STA 723+50/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=643.23
INV.= 634.39 (W)

119-MH
STA. 726+00/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=643.44
INV.=635.09 (S)
INV.=637.09 (N)(E)

121-MH
STA. 728+50/1.6' LT
MANHOLES, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=644.78
INV.=637.84 (N)(S)(E)

124-MH
STA. 731+00/1.6' LT
MANHOLES, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=645.70
INV.=639.79 (S)
INV.=640.04 (N)(E)

127-CB
STA. 733+50/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=647.70
INV.=640.84 (W)

129-MH
STA. 735+50/1.7' LT
MANHOLES, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=647.00
INV.=636.40 (W)
INV.=641.25 (N)(E)

131-MH
STA. 736+50/1.7' LT
MANHOLES, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=647.37
INV.= 641.55 (N)(S)(E)

132-CB
STA. 736+50/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
℄=649.02
INV.=641.60 (W)

PROP. EB BASE OF WALL

PROP. WB BASE OF WALL

PIPE UNDERDRAINS 6" (EB)

PIPE UNDERDRAINS 6" (WB)

125'-24" RCP @ 0.30%
INV: 634.34

125'-24" RCP @ 0.30%
INV: 634.72

250'-18" RCP @ 0.30%
INV: 642.03 (EB)-PUD
INV: 640.90 (WB)-PUD
INV: 637.09
INV: 635.09

125'-18" RCP @ 0.30%
INV: 637.84

125'-15" RCP @ 0.30%
INV: 639.42
INV: 638.22

250'-12" RCP @ 0.30%
INV: 644.28 (EB)-PUD
INV: 643.40 (WB)-PUD
INV: 640.04
INV: 639.79

50'-12" RCP @ 0.30%
INV: 640.79
INV: 640.94

INV: 646.27 (EB)-PUD
INV: 644.75 (WB)-PUD

200'-18" RCP @ 0.30%
INV: 641.55

100'-18" RCP @ 0.30%
INV: 641.25
INV: 636.40

EXISTING 6'X5' BOX CULVERT
INV: 632.27

PROPOSED 48" RCP
INV: 632.27

660 655 650 645 640 635 630 625 620

CMB BASE 641.82 642.07 642.36 642.59 642.88 643.17 643.44 643.69 643.94 644.22 644.50 644.78 644.97 645.15 645.34 645.52 645.70 645.89 646.07 646.25 646.44 646.62 646.44 646.63 646.81 647.00 647.18 647.37 647.56 647.74 647.93
CMB BASE 643.02 643.23 643.47 643.71 643.93 644.13 644.39 644.62 644.85 645.09 645.31 645.58 645.79 645.99 646.21 646.37 646.54 646.76 647.02 647.22 647.47 647.70 647.94 648.13 648.36 648.59 648.81 649.02 649.30 649.51 649.73

EB/WB 723+00 724+00 725+00 726+00 727+00 728+00 729+00 730+00 731+00 732+00 733+00 734+00 735+00 736+00 737+00 738+00

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ENGINEERING CONSULTANT
Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel: 773.775.4600 Fax: 773.775.4014
Email: chicago@ciorba.com

USER NAME = ccornwell	DESIGNED - CRC	REVISED -
	DRAWN - JMK	REVISED -
PLOT SCALE = 50.0000 ' / IN.	CHECKED - MRJ	REVISED -
PLOT DATE = 10/27/2010	DATE - 10/27/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 FROM US 30 TO NS RAILROAD
PROPOSED DRAINAGE PLAN AND PROFILE

SCALE: 1" = 50' | SHEET NO. 85 OF SHEETS | STA. 723+00 TO STA. 738+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	85
		CONTRACT NO. 60147		
	ILLINOIS FED. AID PROJECT			