



150, 152, 154, 156, 159, 161, 163, 165
STORM SEWERS,
CLASS A, TYPE 2, 12"
5' @ 1.00%

149
STORM SEWERS,
CLASS A, TYPE 2, 24"
250' @ 1.00%
TBF=189 CY

151
STORM SEWERS,
CLASS A, TYPE 2, 24"
250' @ 1.00%
TBF=205 CY

153
STORM SEWERS,
CLASS A, TYPE 2, 24"
250' @ 0.50%
TBF=196 CY

155
STORM SEWERS,
CLASS A, TYPE 2, 21"
200' @ 0.50%
TBF=139 CY

157
STORM SEWERS,
CLASS A, TYPE 2, 18"
200' @ 0.30%
TBF=85 CY

158
STORM SEWERS,
CLASS A, TYPE 2, 18"
190' @ 0.30%
TBF=80 CY

160
STORM SEWERS,
CLASS A, TYPE 2, 18"
10' @ 0.20%
TBF=4 CY

162
STORM SEWERS,
CLASS A, TYPE 2, 15"
10' @ 0.30%
TBF=4 CY

164
STORM SEWERS,
CLASS A, TYPE 2, 15"
140' @ 0.30%
TBF=53 CY

PLAN
SURVEYED
BY: []
DATE: []
NOTE BOOK
NO. []
ALIGNED
CHECKED
BY: []
DATE: []
FILE NAME
[]

149-MH
STA. 753+50/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
H=666.13
INV.=659.05 (E)(S)
INV.=657.46 (W)

150-CB
STA. 753+50/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
H=667.37
INV.=659.10 (N)

151-MH
STA. 756+00/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
H=669.48
INV.=661.55 (E)(W)(S)
INV.=661.60 (N)

152-CB
STA. 756+00/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
H=670.63
INV.=661.60 (N)

153-MH
STA. 758+50/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
H=671.76
INV.=664.05 (E)(S)(W)
INV.=664.10 (N)

154-CB
STA. 758+50/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
H=672.91
INV.=664.10 (N)

155-MH
STA. 761+00/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
H=672.88
INV.=665.55 (E)(S)
INV.=665.30 (W)

156-CB
STA. 761+00/1.5' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
H=674.08
INV.=665.60 (N)

157-MH
STA. 763+00/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
H=673.62
INV.=666.80 (E)
INV.=667.40 (E)(W)(S)

158-MH
STA. 765+00/1.6' LT
MANHOLES, TYPE A, 5'-DIA
WITH TYPE 20 FRAME AND GRATE
H=674.34
INV.=667.40 (E)(W)(S)

159-CB
STA. 765+00/1.6' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 20 FRAME AND GRATE
H=674.41
INV.=667.45 (N)

160-MH
STA. 766+90/1.5' LT
MANHOLES, TYPE A, 4'-DIA
WITH TYPE 21 FRAME AND GRATE
H=674.71
INV.=667.97 (E)(W)(S)

161-CB
STA. 766+90/1.6' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 21 FRAME AND GRATE
H=674.12
INV.=668.02 (N)

162-MH
STA. 767+00/1.6' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 21 FRAME AND GRATE
H=674.07
INV.=668.04 (N)

163-CB
STA. 767+00/1.6' RT
CATCH BASINS, TYPE A, 4'-DIA
WITH TYPE 21 FRAME AND GRATE
H=674.07
INV.=668.04 (N)

ENGINEERING CONSULTANT
CG **Corba Group, Inc.**
CONSULTING ENGINEERS
6507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel: 773.776.4209 Fax: 773.776.4014
Email: chicago@corba.com

USER NAME = acornwell
DESIGNED - CRC
DRAWN - JMK
CHECKED - MRJ
DATE - 10/27/2010

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**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. 87 OF SHEETS STA. 753+00 TO STA. 768+00

F.A.I. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	87
CONTRACT NO. 60147			ILLINOIS FED. AID PROJECT	