ARTICULATED BLOCK REVETMENT MAT

POINT #	STA.	OFF.
1	1009+34	24 LT
2	1009+39	15 LT
3	1009+92	26 LT
4	1009+97	15 LT
5	1009+56	15 RT
6	1009+64	31 RT
7	1010+13	15 RT
8	1010+21	33 RT
9	149+35	116 LT
10	149+53	98 LT
11	150+09	114 LT
12	150+14	95 LT
13	150+22	101 LT

TEMPORARY CONNECTION TO BE ABANDONED/REMOVED UPON COMPLETION OF POLARVILLE SEWER SERVICE RE-ALIGNMENT & INSTALLATION OF 48" CULVERTS. THE ABANDONED PORTION SHALL BE FILLED WITH CONTROLLED LOW-STRENGTH MATERIAL. THE REMOVAL AND ABANDONMENT WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER ITEMS.

℄ DARLING ACCESS ROAD

DARLING SPUR

PROPOSED R.O.W.

ABANDONED 6"

ABANDONED 36"

ABANDONED REMOVED 36"

1016+86.67
40.38' RT

1015+00

1010+00

ARTICULATED BLOCK REVETMENT MAT
63 SQ YD
107 SQ YD

PROPOSED STORM AND SANITARY SEWERS BY CONTRACT 76C44. SANITARY SEWER CONNECTS TO POLARVILLE SERVICE.

P CUL CL A 2 54
L = 173 FT, S = 0.1%
TBF = 77.4 CU.YD

PRC FLAR END SEC 54
GRATING-C FL END S 54
INV. = 404.15'
STA. 157+65.35
O/S 225.5' LT
(SEE NOTE 1)

PRC FLAR END SEC 48
GRATING-C FL END S 48
INV. = 401.5'
STA. 155+37.61
O/S 150.13' LT
(SEE NOTE 1)

STONE RIPRAP
CL A4 - 67.5 SY
FILTER FABRIC FOR
RIPRAP - 67.5 SY

DETENTION BASIN 1
(BY OTHERS)
CONTRACT 76C44

PRC FLAR END SEC 48
GRATING-C FL END S 48
INV. = 401.5'
STA. 155+27.74
O/S 148.83' LT
(SEE NOTE 1)

℄ PR. RAMP C

℄ PR. RAMP D

1255+00

1115+00

PR. R.O.W.

PRC FLAR END SEC 54
GRATING-C FL END S 54
INV. = 404.32'
STA. 158+95.87
O/S 111.4' LT
(SEE NOTE 1)

PRC FLAR END SEC 54
GRATING-C FL END S 54
INV. = 405.25'
STA. 161+56.29
O/S 113.9' LT
(SEE NOTE 1)

GRADING LIMITS 258+00

GRADING LIMITS 256+00

GRADING LIMITS 114+00

STONE RIPRAP
CL A4 - 85.3 SY
FILTER FABRIC FOR
RIPRAP - 85.3 SY

EXTEND MAT TO ELEV. 412.0

ARTICULATED BLOCK REVETMENT MAT - 145 SQ YD

℄ PROPOSED I-70

265+00

260+00

EXTEND MAT TO ELEV. 411.0

P CUL CL A 2 48
L = 299 FT, S = 0.13%
TBF = 414 CU.YD

150+00

155+00

160+00

MATCH LINE STA. 148+00
SEE SHEET 96

MATCH LINE STA. 162+00
SEE SHEET 98

GRADING BY OTHERS CONTRACT 76C44

152+21
98' RT

P CUL CL A 2 48
L = 297 FT, S = 0.13%
TBF = 414 CU.YD

110+00

151+44
93' RT

EXTEND MAT TO ELEV. 411.0

152+63
140' RT

154+22.22
109.93' RT

STONE RIPRAP
CL A4 - 13.3 SY
FILTER FABRIC FOR
RIPRAP - 13.3 SY

P CUL CL A 2 24
L = 95 FT, S = 1.0%

℄ PR. RAMP A

GRADING LIMITS BEGIN AT 149+66.77

GRADING LIMITS

CAHOKIA CANAL CULVERT

ARTICULATED BLOCK REVETMENT MAT - 333 SQ YD

151+85
134' RT

153+93.68
169.34' RT

STONE RIPRAP
CL A4 - 85.3 SY
FILTER FABRIC FOR
RIPRAP - 85.3 SY

DETENTION BASIN 2
(BY OTHERS)
CONTRACT 76C44

℄ CAHOKIA CANAL CULVERT

TRRA RR

PROPOSED R.O.W.

PRC FLAR END SEC 48
GRATING-C FL END S 48
INV. = 401.11'
STA. 155+46.40
O/S 148.50' RT
(SEE NOTE 1)

PRC FLAR END SEC 48
GRATING-C FL END S 48
INV. = 401.11'
STA. 155+35.00
O/S 148.28' RT
(SEE NOTE 1)

PRC FLAR END SEC 24
GRATING-C FL END S 24
INV. = 406.00'
STA. 159+75.43
O/S 148.16' RT
(SEE NOTE 1)

CATCH BASINS, TYPE B,
TYPE 7 GRATE
W INV. = 407.00'
RIM = 411.82'
STA. 160+64.39
O/S 106.8' RT

PROPOSED DITCH ALGINMENT TO MATCH ANGLE OF GRATE

LEGEND

- EX. INLET
- EX. CATCH BASIN
- EX. MANHOLE
- EX. STORM SEWER
- EX. SANITARY SEWER
- EX. COMBINED SEWER
- PROPOSED MANHOLE
- PROPOSED CULVERT END SECTION
- PROPOSED SWALE
- PROPOSED SUMMIT
- PROPOSED DITCH

NOTES:
1.0 SEE SHEET 107 FOR END SECTION CALLOUT DETAIL.
2.0 STATION, OFFSET, AND RIM ELEVATION FOR DRAINAGE STRUCTURES ARE TAKEN FROM THE CENTER OF THE STRUCTURE

FILE NAME = $FILE$
USER NAME = $USER$
PLOT SCALE = $SCALE$
PLOT DATE = $DATE$
DESIGNED - JB
DRAWN - JB
CHECKED - ACL
DATE - 02/04/11
REVISED -
REVISED -
REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
I-70 CONNECTION

PROPOSED I-70
PROPOSED DRAINAGE & UTILITIES
STA. 148+00 TO STA. 162+00
SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1A	ST. CLAIR	190	97
		CONTRACT NO. 76C41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

\\DBCONN-99-MOTIFLDGN...\DBCONN-06-BORDERLDGN...\DBCONN-99-LAYOUTLDGN...\DBCONN-06-LEGENDLDGN...\DBCONN-95-MOTIFLDGN...\DBCONN-96-MOTIFLDGN...\DBCONN-11-MOTIFLDGN...\DBCONN-96-CONTOURLDGN
5-04-2011, 1:75982 BOUNDAUD \\FS-8044\VM\VAULT_TENG_87\2282\26988 007\CIVIL\CADD\99 ALL CONTRACTS\DGN\SHEETS CONTRACT 96\DBCONN-96 SHT-DNAUTO.2 14688.DGN