75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

580 575 570 565

ESMT. PR ROW EX ROW 1:5.5 CATV WATER TEL EX ROW

±10' ±12' ±10'

APPROX. FRONT TREE LINE APPROX. ℄ TREE ROW APPROX. ℄ TREE ROW APPROX. BACK TREE LINE

C=2 F=158

50 + 50.00

DRAINAGE AREA:	0.24 SQ. MILES
REQUIRED OPENING (30 YR)	15 SQ. FT.
PROVIDED OPENING	15 SQ. FT.
PRESENT OPENING	15 SQ. FT.
DESIGN DISCHARGE	190 C.F.S.

ELEV. 567.63 PR ROW EX ROW 1:5.55 CATV WATER TEL EX ROW ELEV. 566.99 PR ROW

5'x3' PRC BOX CULVERT

C=2 F=136

50 + 31.83

ESMT. PR ROW EX ROW 1:5.5 CATV WATER TEL EX ROW PR ROW ESMT.

C=2 F=42

50 + 25.00

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

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

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

GREENE & BRADFORD, INC. OF SPRINGFIELD
CONSULTING ENGINEERS
PROFESSIONAL DESIGN FIRM 184.001007
PROJECT MANAGEMENT, SURVEYING, PLANNING, DESIGN
ENVIRONMENTAL, TRAFFIC, HIGHWAY, BRIDGE, STRUCTURE
1011 Stevenson Drive, Springfield, Illinois 62703
(217) 529-1477 FAX 529-1484 e-mail: GBSPRG@aol.com

FILE NAME = J:\06167\DRAWINGS\06167-sht-xssht-phase1B.dgn	USER NAME = franky	DESIGNED - WCB	REVISED -
		DRAWN - MDS	REVISED -
	PLOT SCALE = 5.0000 ' / in.	CHECKED - WCB	REVISED -
G&B PROJECT: 06167	PLOT DATE = 11/20/2009	DATE - 9/29/09	REVISED -

VILLAGE OF CHATHAM
GORDON DRIVE IMPROVEMENTS

CROSS SECTIONS – 5' x 3' BOX CULVERT

SCALE: 5'H : 5'V | SHEET NO. OF SHEETS | STA. 50+25.00 TO STA. 50+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8153	09-00028-01-DR	SANGAMON	32	28
		CONTRACT NO. 93516		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	ARA-2085(009)	

PLOT DRIVER = V8i_TDS700.PS_LOCAL_IDOT.pltcfg