

CASTLE

MH # 5846-465  
Approx depth = 7.0 ft

6027 E. Castle

POINT REPAIR:  
Remove and replace 7 lf of pipe  
from 113 ft south of MH 5846-465  
to 120 ft south of MH 5846-465  
(includes two service connections)

WAVERLY

PRAIRIE PARK

264'

LEXINGTON

FABRIQUE

MH # 5846-464  
Replace Manhole Frame & Cover  
Rework Manhole Bench & Invert  
Approx depth = 12.4 ft

953 S. Lexington

POINT REPAIR:  
Construct an Outside Drop  
for the line coming into  
manhole 5846-459 from the north

MH # 5846-459  
Rework Manhole Bench & Invert  
Approx Manhole depth = 15.2 ft

266'

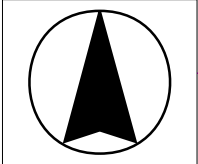
965 S. Lexington

170'

281'

6010 E. Bayley

BAYLEY



CASTLE

PRAIRIE PARK

LEXINGTON

BAYLEY



5-2



# Television Inspection Master Report

2/23/2004  
7:49:23AM

US Manhole: 5846-465  
DS Manhole: 5846-464

6027 E CASTLE DR  
953 S LEXINGTON RD

Date Insp: 12/26/2001

Basin: E01C

Dir Televised: Upstream To Downstream

## Pipe Information

Shape:	Round	Length Status:	Project No.:	G-032
Dia/Ht Width:	8 0	Material:	VCP	Index:
Length:	264.5	Slope:	0.201	Surface:

## Inspection Information

Crew:	692	Percent Full:	10	Tape ID:	3178
Weather:	Sunny	Purpose:	TV Existing Line	Counter Start:	0.0
Surface Cond:	Trees & Fences	Flow:	Normal Flow	Counter Stop:	

Obs. #	VTR Counter Comment	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	US Manhole							0.000
2		4.0	Joint	Roots	2		0.004	2	4	0.004
3		11.0	West	Wye Service	1		0.000	0	0	0.000
4		14.0	East	Wye Service / Sealed Off	1		0.000	0	0	0.000
5		24.0	East	Break-In Conn	1		0.001	0	0	0.001
6		61.0	West	Wye Service	1		0.000	0	0	0.000
7		65.0	East	Wye Service	1		0.000	0	0	0.000
8		<b>115.0</b>	<b>Invert</b>	<b>Broken Pipe</b>	3		0.010	60	0	0.010
9		<b>116.0</b>	<b>West</b>	<b>Wye Service</b>	1		0.000	0	0	0.000
10		<b>118.0</b>	<b>Invert</b>	<b>Broken Pipe</b>	3		0.010	60	0	0.010
11		<b>119.0</b>	<b>East</b>	<b>Wye Service</b>	1		0.000	0	0	0.000
<b>Invert sticks up. Needs a point repair prior to liner installation.</b>										
12		157.0	Invert	Broken Pipe	3		0.010	60	0	0.010
13		163.0	Invert	Broken Pipe	3		0.010	60	0	0.010
14		166.0	Invert	Broken Pipe	3		0.010	60	0	0.010
15		172.0	Invert	Broken Pipe	3		0.010	60	0	0.010
16		173.0	West	Wye Service	1		0.000	0	0	0.000
17		175.0	Invert	Broken Pipe	3		0.010	60	0	0.010
18		176.0	East	Wye Service / Roots	3		0.000	2	0	0.000
19		178.0	Crown	Broken Pipe	2		0.008	44	0	0.008
20		220.0	Joint	Roots	2		0.004	2	4	0.004
21		225.0	Crown	Broken Pipe	2		0.008	44	0	0.008
22		226.0	Invert	Broken Pipe	2		0.008	44	0	0.008
23		228.0	West	Wye Service	1		0.000	0	0	0.000
24		231.0	East	Wye Service	1		0.000	0	0	0.000
25		244.0	Crown	Crack-Radial	3		0.004	5	0	0.004
26		248.0	Quad 1 / U-Rt	Crack-Horizontal	3		0.004	5	0	0.004
27		262.0	DS Manhole							0.000

Point repair from 113' to 120' (including the replacement of two service connections).  
There is one tree located in this area.

**5-3**

# Television Inspection Master Report

2/23/2004  
7:49:23AM

US Manhole: 5846-464  
DS Manhole: 5846-459

953 S LEXINGTON RD  
6010 E BAYLEY ST

Date Insp: 12/27/2001

Basin: E01C

Dir Televised: Upstream To Downstream

## Pipe Information

Shape:	Round	Length Status:	Project No.:	G-032
Dia/Ht Width:	8 0	Material:	VCP	Index:
Length:	266.0	Slope:	0.203	Surface:

## Inspection Information

Crew:	692	Percent Full:	10	Tape ID:	3178
Weather:	Sunny	Purpose:	TV Existing Line	Counter Start:	14.02
Surface Cond:	Trees	Flow:	Normal Flow	Counter Stop:	

Obs. #	VTR Counter Comment	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings			
								Struct	Clean	Remain (gpm)	
1		0.0	US Manhole								0.000
2		3.0	Crown	Broken Pipe	2		0.008	44	0		0.008
3		19.0	West	Wye Service	1		0.000	0	0		0.000
4		22.0	East	Wye Service	1		0.000	0	0		0.000
5		72.0	Invert	Broken Pipe	3		0.010	60	0		0.010
6		73.0	West	Wye Service	1		0.000	0	0		0.000
7		77.0	East	Wye Service / Roots	2		0.000	0	0		0.000
8		82.0	Crown	Broken Pipe	2		0.008	44	0		0.008
9		105.0	Invert	Broken Pipe	3		0.010	60	0		0.010
10		108.0	Invert	Broken Pipe	3		0.010	60	0		0.010
11		130.0	West	Wye Service	1		0.000	0	0		0.000
12		171.0	Crown	Broken Pipe	2		0.008	44	0		0.008
13		177.0	West	Extended PVC Tap	3		0.002	2	0		0.002
This will need bladed down prior to liner installation. Protruding approx. 2".											
14		178.0	Crown	Broken Pipe	3		0.010	60	0		0.010
15		180.0	Joint	PVC PIPE BEGINS							
16		181.0	East	Wye Service	1		0.000	0	0		0.000
17		182.0	Joint	PVC ENDS							
18		195.0	Invert	Broken Pipe	3		0.010	60	0		0.010
19		204.0	Invert	Broken Pipe	2		0.008	44	0		0.008
20		216.0	Crown	Broken Pipe	2		0.008	44	0		0.008
21		228.0	Invert	Broken Pipe	3		0.010	60	0		0.010
22		232.0	West	Wye Service	1		0.000	0	0		0.000
23		253.0	Crown	Broken Pipe	2		0.008	44	0		0.008
24		<b>256.0</b>	<b>Invert</b>	<b>Broken Pipe</b>	3		0.010	60	0		0.010
25		<b>258.0</b>	<b>Invert</b>	<b>Broken Pipe</b>	4		0.030	78	0		0.030
26		<b>260.0</b>	<b>DS Manhole</b>								0.000

The downstream 5 If is busted up too badly to line through it. Needs a point repair prior to lining.  
The line needs an outside drop constructed anyway.

5-4