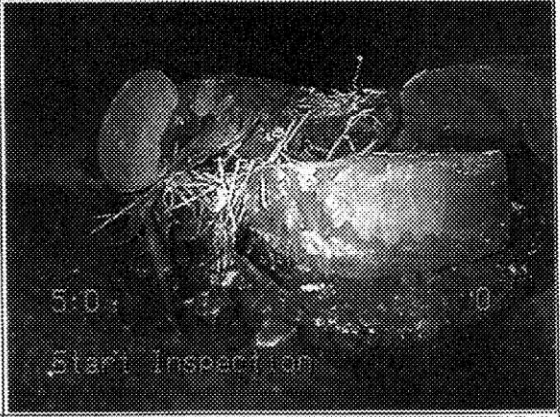




Attachment A

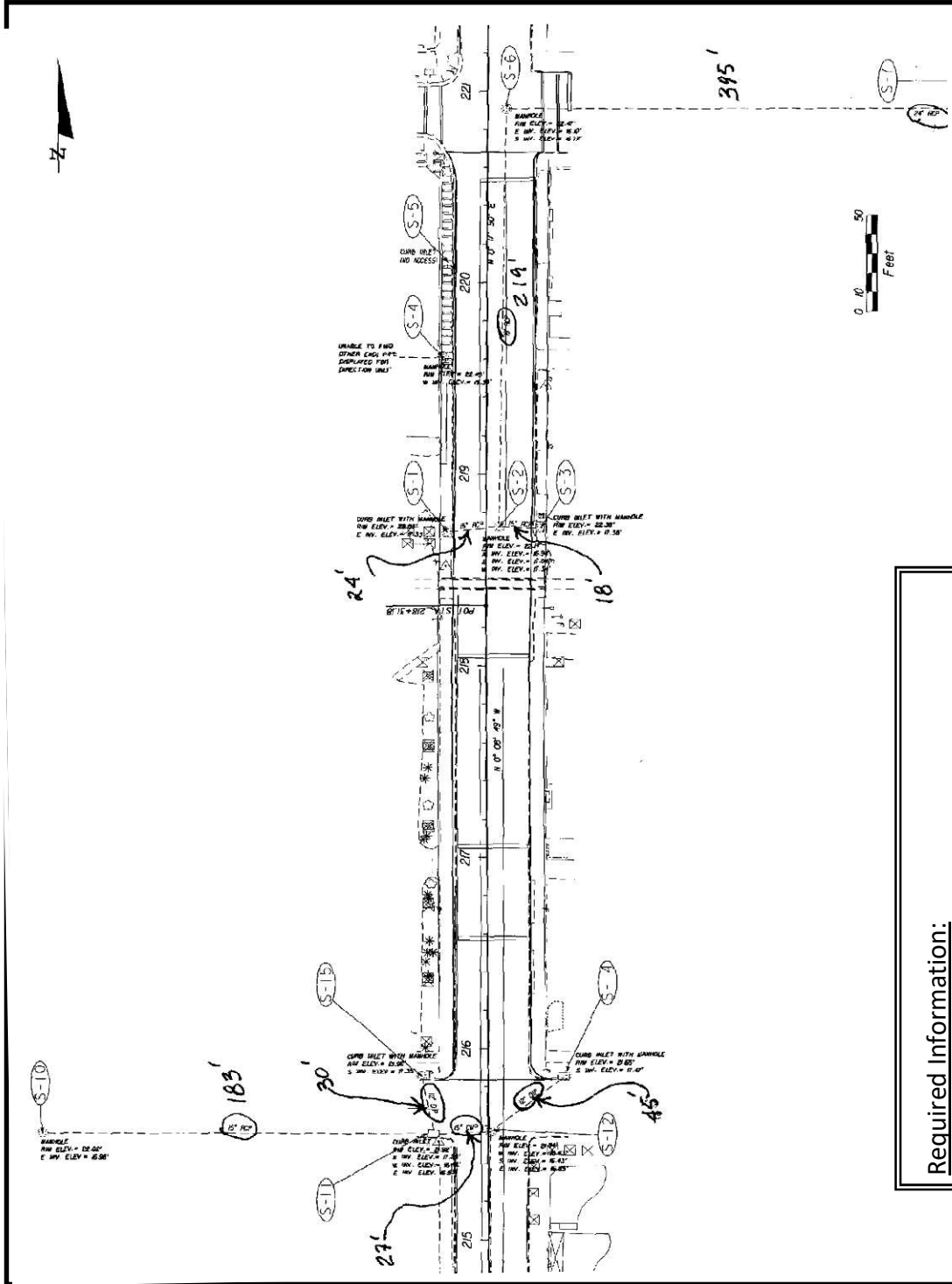
**Example 1: Video Inspection Report Sheet**

<h1>NEBRASKA AVE. PROJECT</h1>		Location Tampa, FL 33604	
		Operator SHAWN/REY	
7/25/2002 1:16:57 PM			
Session Information			
Session Name	NEBRASKA AVE. PROJECT		
Location	Tampa, FL	Run Number	12
Work Order Number		Pipe Name	24 INCH RCP
VCR Tape Number		Flow Direction	Upstream
Truck Number	0	Distance Traveled	5
Comments			
Pipe Information			
Pipe Name	24 INCH RCP		
Type Of Pipe	RCP		
Size Of Pipe	24 INCH		
Manhole Information			
Start Manhole Number	57	End Manhole Number	57 B
Manhole Location	CROSS WALK W. SIDE CASS & NEBRASKA	Manhole Depth	6 FEET
Manhole Notes			
Manhole Condition			
Manhole Condition	GOOD	Coated	No
Inlet Pipe Size		Outlet Pipe Size	
Amount of Flow		Signs Of Surcharge	
Wall Condition	GOOD		
Lid/Ring Condition	GOOD		
Lid Type		Number of Steps	
Steps Condition			
Reports Generated via TwC SubCam 1.5.25 www.TwCSubCam.com info@twodesigns.com			

**Example 2: Photo Log**

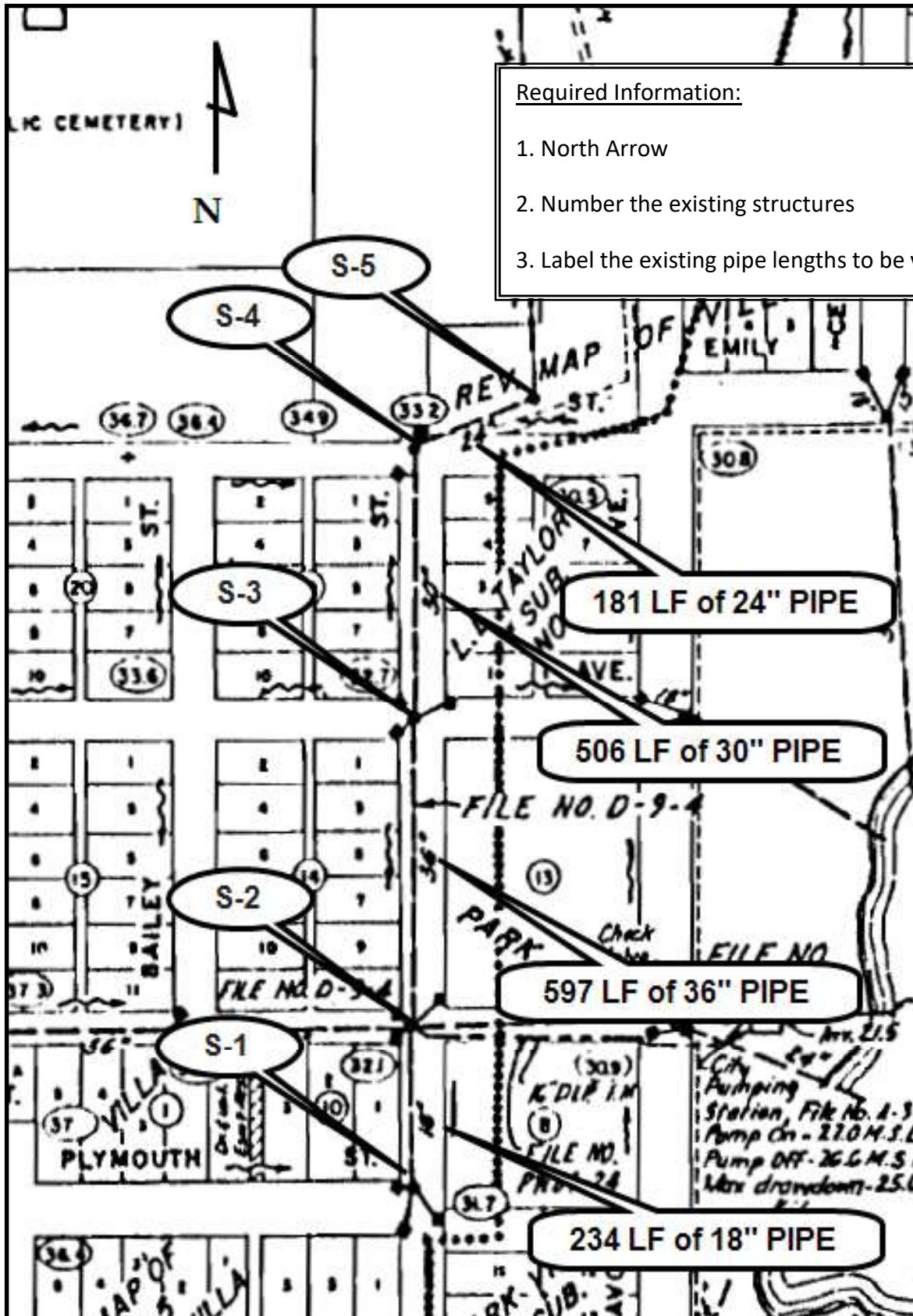
NEBRASKA AVE. PROJECT -- 7/25/2002 1:16:57 PM			
Footage	Fault Observation	Time	Picture
5	Start Inspection Position: None Severity: None	01:20:04 PM	
4.3	Blockage Position: None Severity: None	01:22:14 PM	
4.3	Debris In Pipe Position: None Severity: None	01:22:37 PM	

**Example 3: Sample Schematic Plans (on Existing Plans)**



- Required Information:**
1. North Arrow
  2. Number the existing structures
  3. Label the existing pipe lengths to be videotaped

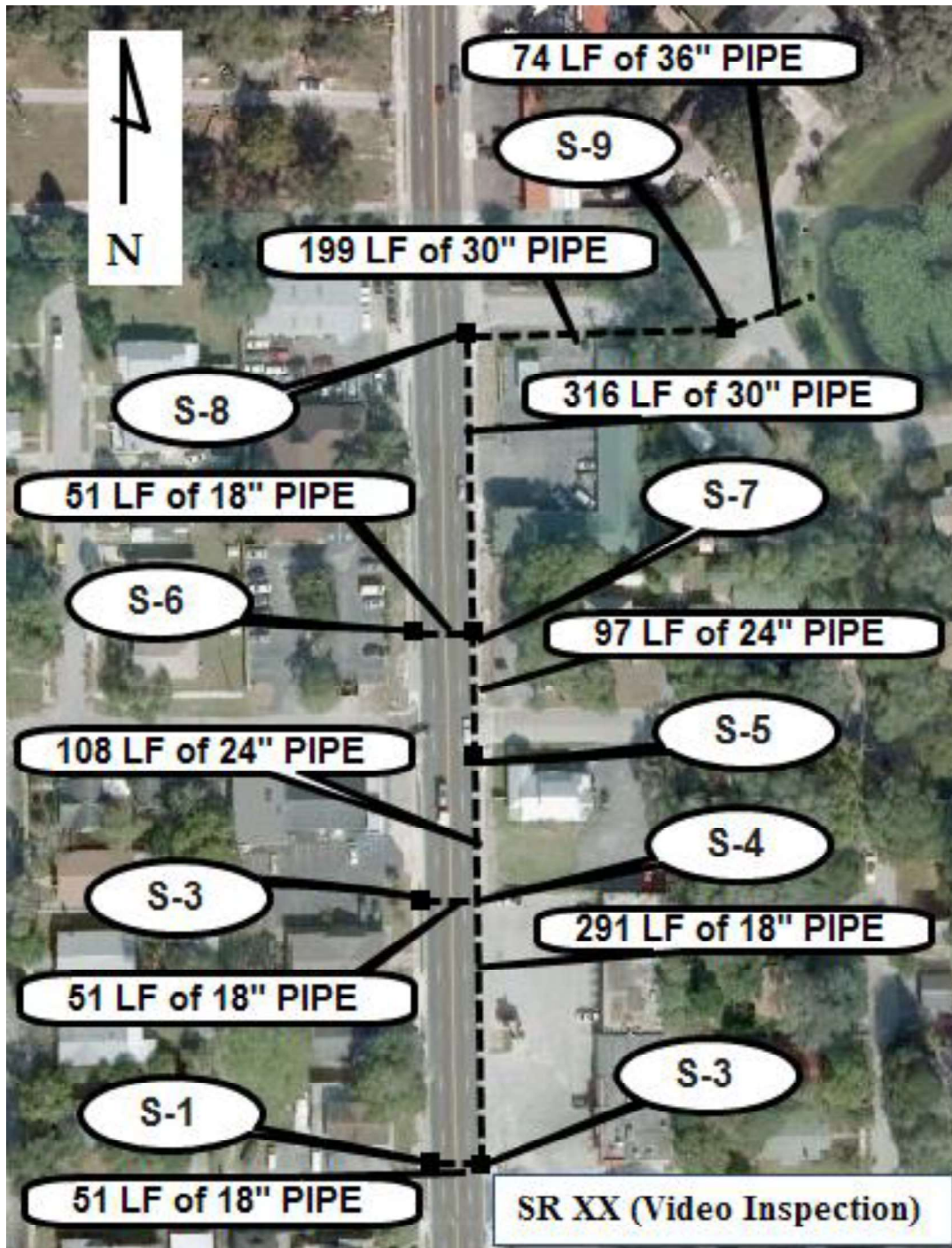
Example 4: Sample Schematic Plans (on Existing Drainage Atlas)



Required Information:

1. North Arrow
2. Number the existing structures
3. Label the existing pipe lengths to be videotaped

Example 5: Sample Schematic Plans (on Aerial Image)



- SR XX (Video Inspection)
1. North Arrow
  2. Number the existing structures
  3. Label the existing pipe lengths to be videotaped



**Example 7: Storm Drain Assessment Summary (Segment Descriptions)**

STORM DRAIN ASSESSMENT													
Video Log and Inspection of Existing Storm													
Project Name											Date		
SEGMENT #	DVD CHAPTER #	FROM		TO		SIZE (IN)	MATERIAL	CONST. PLAN LENGTH (FT)	INSPECT. BEGINS AT (FT)	TVD DISTANCE (FT)	INSP. DATE	Photo Number*	COMMENTS
		STR.	Type	STR.	Type								
1	29	1A		4		18	SRAP	17.4	5.0	8.9	11/11/05	1.1	Pipe deformed at 9.3 ft
2	16	4		3		42	SRAP	32.5	1.4	23.3	11/14/05		Good Condition
3	30	6		3		18	SRAP	50.2	5.2	44.3	11/11/05	3.1	Pipe deformed at 27.1 ft
4	17	3		2		42	RCP	111.5	0.1	93.5	11/14/05	4.1	Large Trash Bags (full) at 80.9 ft
5	31	1		2		42	SRAP	40	0.0	42.8	11/17/05	5.1	Corrugated metal patch at joint at 5.1 ft
6	9	1		4A		18	SRAP	20	6.0	16.9	11/9/05		Good Condition
												7.1	Gasket exposed at 8.3 ft
												7.2	Protective coating separation at 11.5 ft
												7.3	Protective coating separation at 27.7 ft
												7.4	Rust at seam, gasket exposed at 50.4 ft

**Required information:**

1. Complete the Segment # and DVD Chapter columns for referencing the videotaping
2. Complete the FROM, TO, SIZE and CONST. PLAN LENGTH columns per the Schematic Plans
3. Complete the remaining columns shown here based on the inspection results

**Example 8: Storm Drain Assessment Summary (Comments Section)**

**STORM DRAIN ASSESSMENT SUMMARY**

**Video Log and Inspection of Existing Storm Sewer System**

**Project Name**

**Date**

INSP. DATE	Photo Number*	COMMENTS	Repair Joint		
			18"	30"	42"
11/11/05	1.1	Pipe deformed at 9.3 ft			
11/14/05		Good Condition			
11/11/05	3.1	Pipe deformed at 27.1 ft			
11/14/05	4.1	Large Trash Bags (full) at 80.9 ft			
11/17/05	5.1	Corrugated metal patch at joint at 5.1 ft			
11/9/05		Good Condition			
11/9/05	7.1	Gasket exposed at 8.3 ft			
	7.2	Protective coating separation at 11.5 ft			
	7.3	Protective coating separation at 27.7 ft			
	7.4	Rust at seam, gasket exposed at 50.4 ft			
	7.5	Gasket exposed at 50.9ft			
	7.6	Offset joint at 69.7 ft			
	7.7	Gasket Exposed at 91.5ft			
	7.8	Infiltration at 97.8 ft			
	7.9	Infiltration at 100.2 ft			
	7.10	Infiltration at 101.5 ft			
	7.11	Infiltration at 103.2 ft			
	7.12	Infiltration at 105.3 ft			
	7.13	Gasket Exposed at 111.7ft			
11/9/05	6.4	Hole in pipe at 0.5 ft / Exposed break in the line 2.3 ft			

**Required Information:**

1. In the COMMENTS column add additional rows under each segment as needed to describe the condition of the pipes and structures.



### Example 9: Storm Drain Assessment

Repair Joint		Pressure Grout			Line Pipe (ft)			Replace Pipe			Replace Str.			Replace Inlet Top			Cost to Repair Pipe per Recommendations	NOTES			
18"	30"	42"	54"	18"	30"	42"	54"	18"	30"	42"	54"	P5	P6	7	8	P5			P6	7	8
							20													\$2,360.00	114210 National Pipe Liner 825
																					Hand recorded - often unable to see what cameraman was trying to record
																					Sandbags at S-2

## MENT SUMMARY

ing Storm Sewer Systems  
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- Required information:
1. Pressure Grout or Cured-in-Place (CIP) Repair (Use in situations of pipe joint failure)
  2. Slip Line (Used in conditions of partial or complete pipe segment failures).
  3. Replace Damaged Facilities (Apply these criteria in the case of partial or complete structural and functional failure)