

FILE  
BMMR/JR.

DB

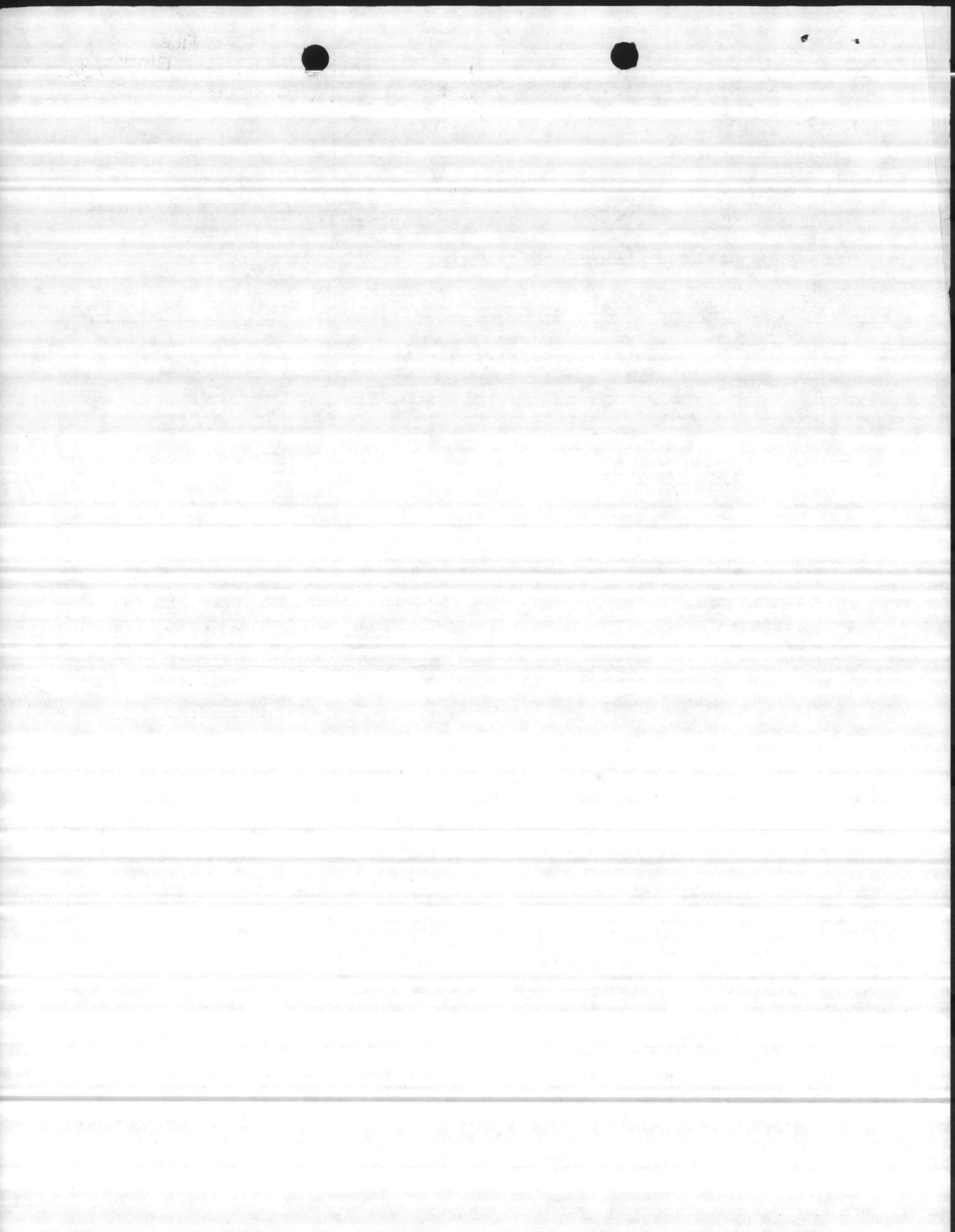
ENGINEERING SERVICE REQUEST (ESR)  
NAVFAC 11000/7 (4-78)  
Supersedes NAVDOCS 2038  
S/N C105-U-010-0035

Instructions on Reverse

Copy No.

SECTION A FOR USE BY REQUESTER	1. FROM (Agency and Location) Base Maintenance Officer		4. ESR IDENTIFICATION NUMBER (if applicable) Project 7C39	
	2. TO Public Works Officer		6. TYPE OF FUNDING (where) <input type="checkbox"/> O&MN <input checked="" type="checkbox"/> OTHER (Specify) <input type="checkbox"/> NIF                      M-1 <input type="checkbox"/> NAF	
	3. REFERENCE(S)		8. DESIRED COMPLETION DATE FY-87	
	5. ENCLOSURE(S) (where) <input type="checkbox"/> NAVCOMPT 140 <input type="checkbox"/> NAVCOMPT 2038 <input type="checkbox"/> NAVCOMPT 372 XX OTHER (specify) Scope of work with cost est.		7. TYPE OF SERVICES REQUESTED Replace TC Outfall sewer lines	
	9. DESCRIPTION OF WORK SEE ENCLOSED SCOPE OF WORK Cost Estimate        \$143,000  M-1 Funds Will Be Provided			
SECTION B FOR USE BY EFD	10. FOR INFORMATION CONSULT (Name and phone) Huffman        x5794.		11. OFFICIAL REPRESENTATIVE (Signature) <i>Timothy Jewell</i>	
	1. SCOPE OF SERVICES		12. DATE 11/21/86	
			2. DATE RECEIVED  3. ESR NUMBER	
SECTION C INTERIM ENDORSEMENT	1. REMARKS			
	2. EST. COMPLETION DATE	3. AUTHORIZED REPRESENTATIVE (Signature)	4. DATE	
SECTION D FINAL ENDORSEMENT	1. ENCLOSURE(S) <input type="checkbox"/> DRAWINGS AND MAPS <input type="checkbox"/> SPECIFICATIONS <input type="checkbox"/> REPORT <input type="checkbox"/> OTHER (specify)			
	2. EST. COST (if applicable)	3. AUTHORIZED REPRESENTATIVE (Signature)	4. DATE OF COMPLETION	

COPY TO



**COST ESTIMATE**

DATE PREPARED  
 11-18-86

SHEET OF

ACTIVITY AND LOCATION **MEB**

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

PROJECT TITLE  
**T.C. OUTFALL SEWER LINE**

ESTIMATED BY  
*Huffman*

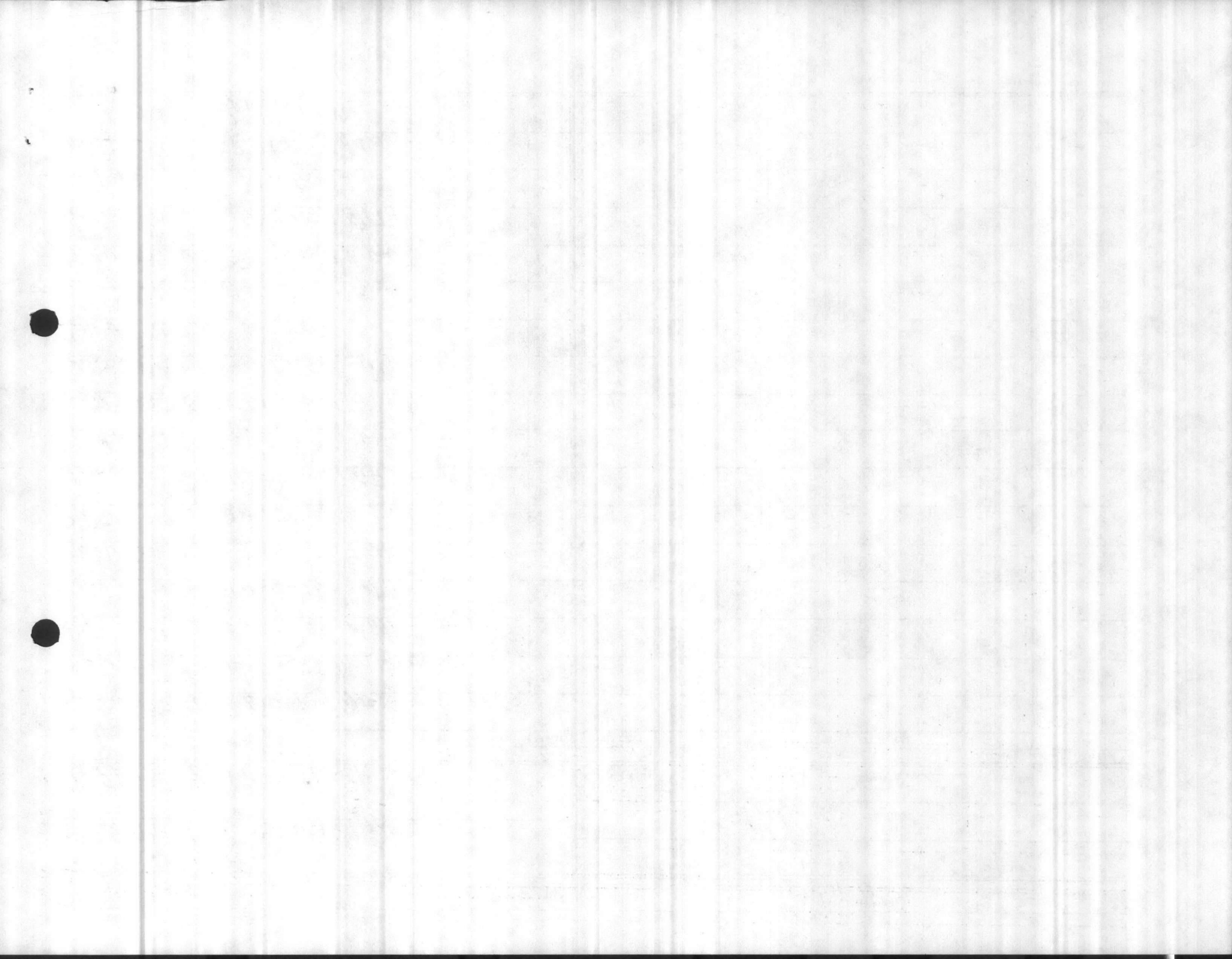
CATEGORY CODE NUMBER

**REPLACE OUTFALL SEWER LINE**

STATUS OF DESIGN  
 PED  30%  100%  FINAL  Other (Specify) \_\_\_\_\_

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
<b>T.C. OUTFALL SEWER LINES</b>								
<b>SHOWN ON P.W. WORKS DRAWING</b>								
<b>AD # 162306 FROM MAN</b>								
<b>HOLE # 444 TO END IN</b>								
<b>NEW RIVER. REPLACE ALL</b>								
<b>PIPING (SHOWN 16"), MUDSILLS,</b>								
<b>PILINGS, ANCHORS, STRAPS ECT.</b>								
<b>AT END OF LINE IN RIVER</b>								
<b>INSTALL SEWER WATER</b>								
<b>SPREADER FOR APPRO. 50' WITH</b>								
<b>FLAPER VALVES ON TOP.</b>								
<b>NOTE: CLEAR AND DEFINE ALL</b>								
<b>REGULATIONS, REQUIREMENTS,</b>								
<b>WORK AND DETAILS WITH</b>								
<b>STATE OF N.C.</b>								
<b>NOTE: AS PER JR. JOHNSON</b>								
<b>PH-5161</b>								





**COST ESTIMATE**

DATE PREPARED  
*11-8-86*

SHEET OF

ACTIVITY AND LOCATION

*MCB*

*TC. OUT FALL SEWER LINE*

PROJECT TITLE

*REPLACE OUT FALL SEWER LINE*

CONSTRUCTION CONTRACT NO.

ESTIMATED BY

*Huffman*

STATUS OF DESIGN

PED  30%  100%  FINAL  Other (Specify) \_\_\_\_\_

IDENTIFICATION NUMBER

CATEGORY CODE NUMBER

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
<i>SUBTOTAL</i>				<i>25,000</i>		<i>60,000</i>		<i>85,000</i>
<i>OVER HEAD</i>	<i>15</i>	<i>70</i>						<i>12,750</i>
<i>LABOR</i>	<i>18</i>	<i>70</i>						<i>10,800</i>
<i>MATERIAL</i>	<i>5</i>	<i>70</i>						<i>1,250</i>
<i>SUBTOTAL</i>								<i>109,800</i>
<i>DESIGN</i>	<i>10</i>	<i>000</i>						<i>10,980</i>
<i>BOND</i>	<i>1</i>	<i>70</i>						<i>1,208</i>
<i>SUBTOTAL</i>								<i>121,988</i>
<i>CONTINGENCY</i>	<i>10</i>	<i>70</i>						<i>12,199</i>
<i>TOT CONTR COST</i>								<i>134,187</i>
<i>DESIGN</i>	<i>6</i>	<i>70</i>						<i>8,051</i>
<i>TOT EST COST</i>								<i>142,238</i>
						<i>Rounded</i>		<i>143,000</i>

