

**KINGSTON SPRINGS CITY COMMISSION  
PUBLIC HEARING AGENDA  
APRIL 16, 2015  
7:00 P.M. A BECK MEETING HALL**

1. **Call to Order:**  
The meeting is called to order by \_\_\_\_\_ at \_\_\_\_\_ p.m.
2. **Ordinance 15-001: Amending the 2014-2015 Budget.**  
Advertised in the Advocate newspaper on April 3, 2015.
3. **Ordinance 15-002: Amending Codes of Ordinances Title 13,  
Chapter 4, Section 13-402.**  
Advertised in the Advocate newspaper on April 3, 2015.

\_\_\_\_\_ adjourned the meeting at \_\_\_\_\_ p.m.



**BOARD OF COMMISSIONERS  
PUBLIC HEARING MINUTES**

---

**APRIL 16, 2015**

**1. Call to Order:**

Mayor Gross called the meeting to order at 7:00 p.m.

The Public Hearing was advertised in the Advocate newspaper on April 3, 2015.

**2. Ordinance 15-001 - Amending the 2014-2015 Budget:**

Mayor Gross explained the ordinance. There was no comment from the board or public.

**3. Ordinance 15-002 - Amending Title 13, Chapter 4, Section 13-402 Code of Ordinances:**

Andy Sullivan of 608 Mt. Pleasant spoke to the board.

**4. Adjournment:**

A motion for adjournment was made by Commissioner Remick and seconded by Vice Mayor Stohler. The motion carried unanimously and Mayor Gross adjourned the meeting at 7:07 p.m.

**Francis A. Gross, III  
Mayor**

**Debbie Finch  
City Recorder**

City Residents - Please sign in.....

## Public Hearing

Date: April 16, 2015

Hearing: (1) Ordinance 15-001 Amending the 2014-2015 Budget  
(2) Ordinance 15-002 Amending Code of Ordinances, Title 13, Chapter 4, Section 13-402

	Name	Address
1	Glen Kenick	113 Anna Rebecca Ct. KS TN 37082
2	Sam Craig	159 W. KS Rd.
3	James B. Cook	295 MAPLE ST. 37082
4	Johny Sullivan	608 Mt Pleasant Rd KS 37082
5	Thomas H. Stines	484 Fall Creek Ct. K.S. 37082
6	Jordan Taylor	408 Harpeth Meadows Dr. KS 37082
7	Bill Sussner	1130 MAYES RD 37082
8	Tim A. Hester	310 Maple Street 37082
9	Robert Smith	440 Harpeth Meadows K Spring 37082
10	Scott	313 Maple St.
11	Scott C. Sampson	1204 CC Rd K.S. 37082
12	Scott Bly	1100 K.S. Road
13	Scott Saul	936 Mt. Pleasant Rd.
14	Danna McFarley	Harpeth Hills Ct.
15	B. J. Mitham	213 Harpeth Hills Dr.
16	Jeffrey D. Stevens	Collier Engineering
17	Gregg Hovey	188 Harpeth Hills DR.
18		
19		
20		
21		
22		
23		
24		
25		

**KINGSTON SPRINGS CITY COMMISSION AGENDA**  
**APRIL 16, 2015**  
**7:00 P.M. A. BECK MEETING HALL**

**1. Call to Order:**

The meeting was called to order by \_\_\_\_\_ at \_\_\_\_\_ p.m.

**A. Pledge of Allegiance.**

**B. Commissioners in Attendance:**

Gary Corlew \_\_\_\_\_ Tony Gross \_\_\_\_\_ Gordon Lampley \_\_\_\_\_

Glenn Remick \_\_\_\_\_ Bob Stohler \_\_\_\_\_

**C. In Attendance not Voting.**

Mike McClanahan \_\_\_\_\_ Larry Craig \_\_\_\_\_ Debbie Finch \_\_\_\_\_

Clint Biggers \_\_\_\_\_ Eugene Ivey \_\_\_\_\_ Brandy Miniatt \_\_\_\_\_

**D. Declaration of Quorum by Mayor.**

**2. Approval of Minutes:**

Minutes of the March 19, 2015 meeting have been circulated.

Corrections \_\_\_\_\_

Motion to approve \_\_\_\_\_ Second \_\_\_\_\_

**A. Confirmation of the Agenda.**

Motion to approve \_\_\_\_\_ Second \_\_\_\_\_

**3. Announcements from Commissioners:**

**4. Community Input and Concerns: (When the Mayor asks, please raise your hand if you wish to speak. When recognized by the Mayor, please stand, state your name and address).**

5. Consent Agenda:

- A. City Manager's Report
- B. Department Reports
- C. Planning Commission Report

Motion to Approve \_\_\_\_\_ Second \_\_\_\_\_

6. Updates:

- A. Legal – City Attorney

7. Unfinished Business:

- A. Second Reading: Consideration of Ordinance No. 15-001: Amending 2014-2015 Budget.
- B. Second Reading: Consideration of Ordinance No. 15-002: Amending Codes of Ordinances Title 13, Chapter 4, Section 13-402.

8. New Business:

- A. Uncollectible Sewer Debt.
- B. Setting Date for Budget Workshop.
- C. Appointment of members to the Park and Tree Board and Sign and Construction Appeals Board.
- D. Consideration of Brush Creek Road Bridge Maintenance Alternatives.

9. Monthly Discussions:

- A. Surplus Items.

10. **Other (For Discussion Only).**

11. **Adjourn:**

\_\_\_\_\_ adjourned the meeting at \_\_\_\_\_ p.m.



## **BOARD OF COMMISSIONERS MEETING MINUTES**

---

**APRIL 16, 2015**

### **1. Call to Order:**

Mayor Gross called the meeting to order at 7:07 p.m.

#### **A. Pledge of Allegiance**

#### **B. Roll Call of Voting Members**

Gary Corlew, City Commissioner	Present
Tony Gross, Mayor	Present
Gordon Lampley, City Commissioner	Present
Glenn Remick, City Commissioner	Present
Bob Stohler, Vice Mayor	Present

#### **C. Non-Voting Staff**

Mike McClanahan, Assistant City Manager	Present
Debbie Finch, Assistant City Mgr./Recorder	Present
Larry Craig, City Attorney	Present
Clint Biggers, Public Works Director	Present
Paul Ivey, Public Safety Officer	Present

#### **D. Declaration of Quorum by Mayor**

### **2. Approval of Minutes:**

A motion to approve the minutes of the March 19, 2015 meeting was made by Commissioner Remick. Commissioner Lampley seconded the motion, which carried unanimously.

#### **A. Confirmation of the Agenda**

A motion to approve the agenda was made by Vice Mayor Stohler. The motion was seconded by Commissioner Remick and carried unanimously.

### **3. Announcements from Commissioners:**

Vice Mayor Stohler thanked Clint Biggers and staff for taking care of the sewer line issue on East Kingston Springs Road and Harpeth Meadows Rd.

Commissioner Lampley questioned why all city vehicles did not have city decals. City Manager McClanahan stated that he would check and get back with the board.



## **BOARD OF COMMISSIONERS MEETING MINUTES**

---

### **4. Community Input & Concerns:**

Andy Sullivan of 608 Mt. Pleasant Road addressed the board about Ordinance No. 15-002 – Amending the Code of Ordinances.

Tom Steger of 484 Fall Creek Court addressed the board about road salting.

### **5. Consent Agenda:**

#### **A. Department Reports**

Town staff submitted reports on their departments which included updates to activities, and calls for service.

#### **B. City Manager's Report**

City Manager McClanahan submitted a report which included updates to Town services, expenses, and events.

#### **C. Codes Report**

A list of current codes violations was submitted.

#### **D. Planning Commission Report**

There was no meeting for April.

#### **E. JECBD Report**

Executive Board met.

### **6. Updates:**

#### **A. Legal – City Attorney**

City Attorney Craig stated the following:

He had three inquires on the city attorney position being advertised.

The property of Brookside was out of foreclosure and now in the hands of Fannie Mae. The property is 70% damaged and not available for reconstructions.

Permits had been issued for the storage units on East Kingston Springs Road.

Social Media Act of 2015 had been sent to City Manager McClanahan to work into the city work policy.





## **BOARD OF COMMISSIONERS MEETING MINUTES**

---

City Attorney Craig recommended that the Zoning and Sub-Division regulations be modernized.

### **7. Unfinished Business:**

#### **A. Second Reading of Ordinance 15-001 – Amending the 2014-2015 Budget**

Commissioner Lampley made the motion to approve the second reading of Ordinance 15-001. Commissioner Remick seconded the motion, which carried unanimously. No one spoke for or against during the public hearing.

#### **B. Second Reading Ordinance 15-002 – Amending Title 13, Chapter 4, Section 13-402 of the Code of Ordinances**

Vice Mayor Stohler made the motion to approve the second reading of Ordinance 15-002. Commissioner Corlew seconded the motion, which carried on the following vote: Corlew-Yes, Gross-Yes, Lampley-No, Remick-No and Stohler-Yes. Andy Sullivan at 608 Mt. Pleasant Road spoke at the public hearing.

### **8. New Business:**

#### **A. Uncollectible Sewer Debt**

Commissioner Remick made the motion to approve the write off of uncollectible sewer debt in the amount of \$865.88. Vice Mayor Stohler seconded the motion, which carried unanimously.

#### **B. Setting Date for Budget Workshop**

A budget workshop was set by the board of commissioners for Tuesday, May 5, 2015 at 8:00 a.m.

#### **C. Appointment of members to the Park and Tree Board and the Sign and Construction Appeals Board**

Commissioner Lampley made the motion to appoint Clare Barron and Mike Lee to the Park and Tree Board for a new term of May 2015-2018. Vice Mayor Stohler seconded the motion, which carried unanimously.

Mayor Gross appointed Rodney Scott to the Sign and Construction Appeals Board for a new term of May 2015 – 2018.



## **BOARD OF COMMISSIONERS MEETING MINUTES**

---

### **D. Consideration of Brush Creek Road Bridge Maintenance Alternatives**

City Engineer, Jeff Stevens addressed the board of commissioners about the bridge at Brush Creek. He stated that the bridge was built back in the 1970's, making the bridge 40 to 45 years old, which in the industry puts the structure at the end of its 50 year life expectancy and toward the end of its usefulness. He stated that rehabbing the bridge and to widen the crossing to meet minimum safety standards, can cost anywhere from \$35,000 to \$45,000. To perform a standard bridge replacement, the costs would be around \$50,000 to \$65,000. He stated by comparison of potential project cost between repair and replacement, it is apparent that bridge replacement would be more warranted.

Vice Mayor Stohler made the motion to advertise for bids for replacement of the Brush Creek Bridge. Commissioner Remick seconded the motion, which carried unanimously.

### **9. Monthly Discussions:**

#### **10. Other (For Discussion Only):**

City Attorney Craig addressed the board about alternatives for surplus items that have had attempts made to sell but have not been able to sell. Commissioner Corlew made the motion to transfer the items to a similar agency such as other cities, fire departments and schools. Commissioner Remick seconded the motion, which carried unanimously.

#### **11. Adjournment:**

A motion for adjournment was made by Commissioner Remick and seconded by Vice Mayor Stohler. The motion carried unanimously and Mayor Gross adjourned the meeting at 8:14 p.m.

**Francis A. Gross, III  
Mayor**

**Debbie Finch  
City Recorder**



## MANAGER'S REPORT APRIL 2015

---

### FIRE DEPT. ISO RATING

ISO visited Kingston Springs over the winter to re-rate the Volunteer Fire Department. KSVFD failed to maintain their '4' rating by 0.61 points and is appealing ISO's decision. In early May they will submit a plan to ISO with specified changes

#### Scoring Summary:

Section	Earned	Possible
Emergency Communications	6.65	10
Fire Department	22.29	50
Water Supply	35.55	40
Community Risk	-5.1	5.5
Total	59.39	105.50

#### Areas where KSVFD scored include:

Section	Earned	Possible
Credit for Engine Companies	6.0	6
Credit for Reserve Pumpers	0.13	0.50
Credit for Pump Capacity	3.0	3
Credit for Ladder Service	1.79	4
Credit for Res. Ladder/Serv. Trucks	0.49	0.50
Credit for Deployment Analysis	3.65	10
Credit for Company Personnel	2.96	15
Credit for Training	2.27	9
Credit for Operational Considerations	2.00	2
Total	22.29	50

### JECBD UPDATE: MEETINGS RE/SCHEDULED

- The County-wide prosperity summit has been rescheduled for Thursday, May 28<sup>th</sup> at the Golf Club of Tennessee. Please let me know if any of you are interested to attend.
- A 'Broadband Information Session' will be held at the Cheatham County Library in Ashland City on April 17<sup>th</sup> at 1:00 p.m. I plan to attend, please let me know if you have any internet-related issues or concerns.

### BUDGET PLANNING HAS BEGUN

Staff has begun preparing the FY16 budget, and working on next week's ice cream social. Please encourage residents and other stake holders to attend next week, and don't hesitate to contact Debbie or myself if you have any budget-related thoughts/comments.



## **MANAGER'S REPORT APRIL 2015**

---

### **PERSONNEL ADJUSTMENT**

As of yesterday, I have reclassified Clint Biggers from the Police Department back to being the full-time Public Works & Sewer Director. I have communicated my hopes for a better working relationship and for increased direct supervision of Public Works employees.

The Police Department will have one vacant officer position, which will not be recommended to be filled. All shifts will be covered by current staff, and the vehicle purchase authorized in February will no longer be necessary.

### **LOCAL HISTORY PROJECT**

This fall marks the 50<sup>th</sup> anniversary of the Town's incorporation. In accordance with that event, and to spread civic awareness and pride, the Town is planning a local history project. The project will include a walking path of Kingston Springs history sites, an accompanying brochure and an e-resource, as well as a table-top exhibit of local history. The project is included in the FY16 budget and will cost \$8,000.

### **PLANNING COMMISSION UPDATE: NO ACTION**

The Planning Commission did not meet in April. They will meet in May to discuss a subdivision of lots on Harpeth Hills Rd., and a recommendation regarding permitted uses in C-1 & C-2 zones (Ord. #15-003.)

### **ENFORCING 'MEDIUM SPEED' VEHICLES**

Motorists are permitted to use golf carts and other smaller ATV-type vehicles on local roads with a speed limit lower than 40 MPH. TCA § 55-8-191 (2009) permits their use and requires head & tail lights, turn signals, special registration, and other requirements.

### **UPCOMING ACTION ITEMS & EVENTS**

- Ice Cream Social & Budget Open House: Monday, April 20<sup>th</sup> at 6:00.
- Community Yard Sale: Saturday, May 16<sup>th</sup>.
- Mayor & CM working on Christmas decorations & properties with codes issues.
- Paving on Harpeth Meadows (mid to late May.)
- First reading of the FY16 Budget
- Advertising for City Attorney position.

## BUILDING REPORT FOR MARCH 2015

PERMIT FOR:	#	Square Feet	Construction Value	Permit Fee	Adeq. Facility Tax	Sewer Tap Fee
NEW RESIDENTIAL (Single Family)	0					
CONDO UNITS	0					
COMMERCIAL	0					
OTHER PERMITS (Addit. Garage, Porch, etc.)	6			\$225.00		
PENALTIES						
TENT	0					
FIREWORKS	0					
DEMOLITION	0					
SIGNS	0					
DRIVEWAYS	0					
MONTHLY TOTAL	6	0	\$0	\$225.00	\$0.00	\$0.00

PERMITS ISSUED:	
NEW RESIDENCE /COMMERCIAL	0
DEMOLITION	0
PENALTIES	0
CONDO UNITS	0
FIREWORKS	0
TENT	0
SIGNS	0
IN-GROUND POOL	0
DRIVEWAYS	0
ADDITIONS */ ETC.	6
TOTAL	6

## BUILDING REPORT FOR MARCH 2014

PERMIT FOR:	#	Square Feet	Construction Value	Permit Fee	Adeq. Facility Tax	Sewer Tap Fee
NEW RESIDENTIAL (Single Family)	0					
CONDO UNITS	0					
COMMERCIAL	0					
OTHER PERMITS (Addit. Garage, Porch, etc.)	1			\$25.00		
PENALTIES	1			\$25.00		
TENT	0					
FIREWORKS	0					
DEMOLITION	0					
SIGNS	0					
DRIVEWAYS	0					
MONTHLY TOTAL	2	0	\$0	\$50.00	\$0.00	\$0.00

PERMITS ISSUED:	
NEW RESIDENCE /COMMERCIAL	0
DEMOLITION	0
PENALTIES	1
CONDO UNITS	0
FIREWORKS	0
TENT	0
SIGNS	0
IN-GROUND POOL	0
DRIVEWAYS	0
ADDITIONS */ ETC.	1
TOTAL	2

**COURT REPORT - MARCH 2015**

Adult Citations Written		22
Juvenile Citations Written		0
<b>Total Citations</b>		<b>22</b>
<b>Total Gross Revenue for the Month</b>		\$2,500.25
Litigation Tax Paid to the State		(-\$251.52)
Drug Fines Collected		\$41.50
<b>Total Net Revenue</b>		<b>\$2,290.50</b>

**COURT REPORT - MARCH 2014**

Adult Citations Written		12
Juvenile Citations Written		1
<b>Total Citations</b>		<b>13</b>
<b>Total Gross Revenue for the Month</b>		\$1,989.50
Litigation Tax Paid to the State		(-\$156.04)
Drug Fines Collected		\$750.00
<b>Total Net Revenue</b>		<b>\$2,583.46</b>





**KSFD MAR. 2015 INCIDENTS**

Medical Assist	18
Motor Vehicle Acc./no injuries	6
Building Fire	2
Motor Vehicle Acc./with injuries	0
Passenger Vehicle Fire	4
Brush/Grass Fire	2
Dispatched & Cancelled en route	0
Controlled Burn	0
Severe Weather/Natural Disaster	0
Search	0
False Alarm/False Call	2
Other	0
Standby	0
Hazardous Condition	1
<b>Total</b>	<b>35</b>

**KSFD MAR. 2014 INCIDENTS**

MVA	6
False Call	1
Brush Fire	1
Controlled Burn	1
FR (First Responder)	14
Fire Alarm	0
Vehicle Fire	2
Trash/Refuse Fire	0
Investigation	0
Search	0
Rescue	0
Structure	3
Standby	0
Hazardous Conditions	0
<b>TOTAL</b>	<b>28</b>



**ORDINANCE NO. 15-001****AN ORDINANCE OF THE TOWN OF KINGSTON SPRINGS AMENDING THE 2014-2015 BUDGET**

**WHEREAS**, Tennessee Code Annotated Title 9 Chapter 1 Section 116 requires that all funds of the State of Tennessee and all its political subdivision shall first be appropriated before being expended and that only funds that are available shall be appropriated: and

**WHEREAS**, the Municipal Budget Law of 1982 requires that the governing body of each municipality adopt and operate under an annual budget ordinance presenting a financial plan with at least the information required by that state statute, that no municipality may expend any moneys regardless of the source except in accordance with a budget ordinance and that the governing body shall not make any appropriation in excess of estimated available funds: and

**WHEREAS**, the governing body had published the annual operating budget and budgetary comparisons of the proposed newspaper of general circulation not less than ten (10) days prior to the meeting where the governing body will consider final passage of the budget with the prior year (actual) and the current year (estimated) in a newspaper of general circulation not less than ten (10) days prior to the meeting where the governing body will consider final passage of the budget.

**NOW THEREFORE BE IT ORDAINED BY THE TOWN OF KINGSTON SPRINGS, TENNESSEE AS FOLLOWS:**

**SECTION 1:** That the governing body estimates anticipated revenues of the municipality from all sources to be as follows:

General Fund #110 Revenue	FY 2012-2013 Actual	FY 2013-2014 Estimated	FY 2014-2015 Proposed	FY 2014-2015 Amended
Beginning Fund Balance			1,136,163	1,136,163
Local Taxes	1,170,060	1,227,807	1,242,059	1,242,059
Building & Related Permits	14,603	10,896	10,275	10,275
Intergovernmental	436,873	533,006	513,096	513,096
Fines and Forfeitures	85,600	39,989	41,050	41,050
Other	79,324	51,929	47,705	47,705
Total Revenue	1,786,460	1,863,627	1,854,185	1,854,185
Total Available Funds	1,786,460	1,863,627	2,990,348	2,990,348

Drug Fund #127 Revenue	FY 2012-2013 Actual	FY 2013-2014 Estimated	FY 2014-2015 Proposed	FY 2014-2015 Amended
Beginning Fund Balance			381,247	381,247
Fines and Forfeitures	75,423	164,935	75,700	75,700
Other	1,041	1,119	1,000	1,000
Total Revenue	76,464	166,054	76,700	76,700
Total Available Funds	76,464	166,054	457,947	457,947

Adequate Facility Tax #310 Revenue	FY 2012-2013 Actual	FY 2013-2014 Estimated	FY 2014-2015 Proposed	FY 2014-2015 Amended
Beginning Fund Balance			58,234	58,234
Local Taxes	4,471	1,775	1,000	1,000
Other	106	102	100	100
Total Revenue	4,577	1,877	1,100	1,100
Total Available Funds	4,577	1,877	59,334	59,334

Sewer Fund #412 Revenue	FY 2012-2013 Actual	FY 2013-2014 Estimated	FY 2014-2015 Proposed	FY 2014-2015 Amended
Beginning Fund Balance			880,254	880,254
Service Charges & Fees	410,896	375,974	385,645	385,645
Other	1,978	2,138	2,050	2,050
Total Revenue	412,874	378,112	387,695	387,695
Total Available Funds	412,874	378,112	1,267,949	1,267,949

**SECTION 2:** That the governing body appropriates from these anticipated revenue and unexpended and unencumbered funds as follows:

General Fund #110 Appropriations	FY 2012-2013 Actual	FY 2013-2014 Estimated	FY 2014-2015 Proposed	FY 2014-2015 Amended
General Government	97,761	182,418	140,467	145,467
Administrative	163,069	170,477	176,960	200,507
Board of Commissioners	12,317	11,492	12,981	12,981
City Court	2,700	3,000	3,000	3,000
City Attorney	16,866	23,125	23,150	23,150
City Clerk	83,157	85,362	88,826	89,767
Planning and Zoning	33,481	23,916	24,086	24,086
Codes Dept.	26,910	29,284	37,362	37,362
Police Dept.	353,394	391,862	453,445	494,330
Fire Dept.	121,367	146,685	160,181	160,182
Streets Dept.	143,300	393,051	363,289	316,514
State Street Aid	42,999	41,066	42,000	42,000
Park Dept.	333,446	271,985	280,859	289,500
Debt	363,407	356,926	445,046	445,046
<b>Total Appropriations</b>	<b>1,794,174</b>	<b>2,130,649</b>	<b>2,251,652</b>	<b>2,283,892</b>

Drug Fund #127 Appropriations	FY 2012-2013 Actual	FY 2013-2014 Estimated	FY 2014-2015 Proposed	FY 2014-2015 Amended
	84,766	98,047	113,148	113,454
<b>Total Appropriations</b>	<b>84,766</b>	<b>98,047</b>	<b>113,148</b>	<b>113,454</b>

Adequate Facility Tax #310 Appropriations	FY 2012-2013 Actual	FY 2013-2014 Estimated	FY 2014-2015 Proposed	FY 2014-2015 Amended
	10,000	10,000	10,000	10,000
<b>Total Appropriations</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>

Sewer Fund #412 Appropriations	FY 2012-2013 Actual	FY 2013-2014 Estimated	FY 2014-2015 Proposed	FY 2014-2015 Amended
Operating Expenses	296,853	298,440	297,435	300,725
Depreciation	108,600	110,000	106,000	106,000
<b>Total Appropriations</b>	<b>405,453</b>	<b>408,440</b>	<b>403,435</b>	<b>406,725</b>

**SECTION 3:** At the end of the current fiscal year the governing body estimates balances/deficits as follows:

	<b>Fund Balance</b>	<b>Fund Balance Amended</b>
<b>General Fund</b>	<b>738,696</b>	<b>706,456</b>
<b>Drug Fund</b>	<b>344,799</b>	<b>344,493</b>
<b>Adequate Facility Tax Fund</b>	<b>49,334</b>	<b>49,334</b>
<b>Sewer Fund</b>	<b>864,514</b>	<b>861,224</b>

**SECTION 4:** That the governing body recognizes that the municipality has bonded and other indebtedness as follows:

<b>General Fund -Bonded or Other Indebtedness</b>	<b>Debt Redemption (Principal)</b>	<b>Interest Requirements</b>	<b>Debt Authorized and Unissued</b>
<b>Bonds</b>	324,000	68,200	
<b>Notes</b>	24,000	9,347	
<b>Capital Leases</b>			
<b>Other Debt</b>			
<b>Total</b>	<b>348,000</b>	<b>77,547</b>	

<b>Sewer Fund - Bonded or Other Indebtedness</b>	<b>Debt Redemption (Principal)</b>	<b>Interest Requirements</b>	<b>Debt Authorized and Unissued</b>
<b>Bonds</b>			
<b>Notes</b>	42,984.00	5,366.00	
<b>Capital Leases</b>			
<b>Other Debt</b>			
<b>Total</b>	<b>42,984.00</b>	<b>5,366.00</b>	

**SECTION 5:** During the coming fiscal year the governing body has planned capital projects and proposed funding as follows:

<b>Proposed Capital Projects</b>	<b>Proposed Amount Financed by Appropriations</b>	<b>Proposed Amount Financed by Debt</b>

**SECTION 6:** No appropriation listed above may be exceeded without an amendment of the budget ordinance as required by the Municipal budget Law of 1982 T.C.A. Section 6-56-208. In addition, no appropriation may be made in excess of available funds except to provide for an actual emergency threatening the health, property or lives of the inhabitants of the municipality and declared by a two-thirds (2/3) vote of at least a quorum of the governing body in accord with Section 6-56-205 of the Tennessee Code Annotated.

**SECTION 7:** Money may be transferred from one appropriation to another in the same fund only by appropriate ordinance by the governing body, subject to such limitations and procedures as it may describe as allowed by Section 6-56-209 of the Tennessee Code Annotated. Any resulting transfers shall be reported to the governing body at its next regular meeting and entered into the minutes.

**SECTION 8:** A detailed financial plan will be attached to this budget and become part of this budget ordinance. In addition, the published operating budget and budgetary comparisons shown by fund with beginning and ending balances and the number of full time equivalent employees required by Section 6-56-206, Tennessee Code Annotated will be attached.

**SECTION 9:** If for any reason a budget ordinance is not adopted prior to the beginning of the next fiscal year, the appropriations in this budget ordinance shall become the appropriations for the next fiscal year until the adoption of the new budget ordinance in accordance with Section 6-56-210, Tennessee Code Annotated provided sufficient revenue are being collected to support the continuing appropriations. Approval of the Director of the Division of Local Finance in the comptroller of the Treasury for a continuation budget will be requested in any indebtedness is outstanding.

**SECTION 10:** There is hereby levied a property tax of \$0.91 per \$100 of assessed value on all real and personal property.

**SECTION 11:** All unencumbered balances of appropriations remaining at the end of the fiscal year shall lapse and revert to the respective fund balances.

**SECTION 12:** This ordinance shall take effect \_\_\_\_\_, the public welfare requiring it.

**First Reading**

March 19, 2015

**Public Hearing**

**Final Reading**

**Francis A. Gross, Mayor**

**Debbie K. Finch, Recorder /CMFO**

Debbie K. Finch



Fund	Dept.	Current Budget Amount	Budget Amount After Amendment	Amended Amount	Reason for Amendment
General -110	Administrative	176,960.00	200,507.00	23,547.00	Overlap in City Manager Salary and purchase vehicle
General -110	Clerks	88,826.00	89,767.00	941.00	Employee budgeted to receive 1.5% increase but was given 3% by CM and line item adjustments to meet year end expenditures.
General -110	Streets	316,500.00	316,514.00	14.00	Line item adjustments to meet year end expenditures
General -110	Parks	288,986.00	289,500.00	514.00	Line item adjustments to meet year end expenditures
<b>Fund Balance</b>		<b>738,696.00</b>	<b>706,456.00</b>		
Drug - 127	Drug	113,148.00	113,454.00	306.00	Line item adjustments to meet year end expenditures
<b>Fund Balance</b>		<b>344,799.00</b>	<b>344,493.00</b>		

## ORDINANCE NO. 015-002

**AN ORDINANCE AMENDING THE KINGSTON SPRINGS MUNICIPAL CODE OF ORDINANCES, TITLE 13, CHAPTER 4, SECTION 13-402. STORING, PARKING OR LEAVING DISMANTLED OR OTHER SUCH MOTOR VEHICLES PROHIBITED AND DECLARED NUISANCE.**

WHEREAS, the Town of Kingston Springs, Tennessee has codified its ordinances as contained within the Kingston Springs Municipal Code of Ordinances; and

WHEREAS, Title 13, Chapter 4, ABANDONED, WRECKED, DISMANTLED OR INOPERATIVE VEHICLES was amended by Ordinance No. 13-002, duly adopted, and codified; and

WHEREAS, the Board of Commissioners desire to amend Section 13-402 of said code.

NOW, THEREFORE, BE IT ORDAINED by the Board of Commissioners of the Town of Kingston Springs, Tennessee, that Title 13, Chapter 4, Section 13-402. Storing, parking or leaving dismantled or other such motor vehicle prohibited and declared nuisance., is amended by this ordinance as follows:

The last sentence in Section 13-402 is here and now amended by deleting the existing language and to be substituted in lieu thereof, to wit: "This section shall not apply to any vehicle fully and properly enclosed within a building on private property or to any vehicle held in connection with a business enterprise lawfully holding a business license, and being properly operated pursuant to all applicable laws of the city."

This amendatory ordinance shall take effect twenty (20) days after adoption and after publication of adoption.

ORDAINED on this the \_\_\_\_ day of \_\_\_\_\_, 2015.

\_\_\_\_\_  
FRANCIS A. GROSS, III, MAYOR

ATTEST:

Debbie K. Finch  
DEBBIE FINCH, CITY RECORDER

APPROVED AS TO FORM AND LEGALITY:

\_\_\_\_\_  
LARRY D. CRAIG, CITY ATTORNEY

SUBMITTED TO PUBLIC HEARING ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 2015,  
AFTER PUBLICATION IN THE ADVOCATE NEWSPAPER ON THE \_\_\_\_ DAY OF  
\_\_\_\_\_, 2015.

PASSED FIRST READING:  
PASSED SECOND READING:

March 19, 2015

CITY RECORDER TO ADVERTISE ADOPTION IN THE ADVOCATE NEWSPAPER.

8A

**UNCOLLECTABLE DEBTS**  
Feb 2015

ACCT #	NAME	House #	Street	LAST PAY DATE	WATER	Uncollected Sales tax	KS SEWER	Pegram Sewer	Total
101-00480-08	Joshua Williams	543	Saunders Lane	3/24/2014	181.33	16.07	145.79		343.19
101-00500-03	Carlita Trejo	551	Saunders Lane	5/29/2014	99.81	8.83	71.44		179.88
101-20080-00	Larry Rogers	167	Overlook Ct	5/27/2014	82.99	7.37	55.53		145.89
101-85050-11	Earl Cathey	109-A	Dickerson Ct	2/6/2014	19.25	1.71	9.48		30.44
101-85160-07	Lydia Troquille	105-B	Woody Ct	5/23/2014	124.26	11.06	95.58		230.90
101-90410-06	Angel Cox	209	Hillcrest Rd	1/10/2014	118.85	10.53	90.03		219.41
101-91380-06	Cassie Lackey	228	Hillcrest Rd	3/5/2014	190.07	18.83	146.69		353.59
101-91560-12	Amanda Chester	172	Hillcrest Rd	6/2/2014	52.58	4.66	37.85		95.09
101-91630-06	Ivan Diaz	180	Walnut Dr	4/24/2014	93.49	8.29	55.62		167.40
101-91900-08	David Smith	183	Walnut Dr	5/19/2014	97.57	8.65	72.37		178.59
101-91910-11	Brent Dennis	179	Walnut Dr	5/5/2014	85.00	10.66	46.88		142.54
101-99190-02	Randy Lane	207	Woodlands Dr	4/16/2014	77.87	7.59	28.62		114.08
					1,222.87	112.25	865.88	0.00	2,201.00

# Second South Cheatham Utility District



American Water Works  
Association

P.O. Box 309  
Kingston Springs, TN 37082  
615-952-3094 - Phone / 615-952-2017 - Fax



TAUD Member

## TOWN OF KINGSTON SPRINGS BILLING REGISTER SUMMARY

REC'D APR 07 2015

Billing Period  
Ending : 03/31/15

Feb. 2015 Ending Balance	29,193.40
Add Penalties:	462.87
Credits for Customers:	0.00
Less Payments:	-26,500.55
Balance Forward:	3,155.72
Less Uncollectable debts (write-offs)	-865.88
Sewer Billing (Sales):	39,838.59
Total Account Receivable:	42,128.43

## COLLECTIONS STATEMENT

Collection Dates:	3/01/15 - 3/31/2015
Collection Amount:	26,500.55
Less 6.5%	1,722.54
Amount Due	24,778.01

	Same Period Last Year	Current Period	Increase or Decrease
SALES	28,236.76	39,838.59	41.1%
GALLONS	3435.5	4776.2	39.0%

## ADJUSTMENTS

None

BILLING SUMMARY REPORT  
SERVICE BY CLASS

CLASS	NAME	BILLS	CHARGES	USAGE
*****				

SERVICE: KS SEWER

01		699	29460.67	35279
02		9	5998.35	7254
04		11	580.72	696
05		5	84.00	84
06		6	3687.85	4440
07		2	27.00	9

=====		=====	=====
SERVICE TOTALS:	732	39838.59	47762

=====		=====
GRAND TOTALS:	732	39838.59
=====		=====

BILLINGS For Reporting Period: 03/2015 TO 03/2015 CLASS = ALL

\* End of Report: Software Solutions \*

PAYMENT SUMMARY REPORT  
SERVICE BY CLASS

CLASS	COUNT	PAYMENTS	DATE	BATCH	NAME
-------	-------	----------	------	-------	------

\*\*\*\*\*

SERVICE: KS SEWER

01	682	18550.07			
02	9	4060.24			
04	10	514.56			
05	5	46.54			
06	6	3302.14			
07	2	27.00			

SERVICE TOTALS:	714	26500.55			
-----------------	-----	----------	--	--	--

GRAND TOTALS:	714	26500.55			
---------------	-----	----------	--	--	--

PAYMENTS For Reporting Period: 03/2015 TO 03/2015 CLASS = ALL

\* End of Report: Software Solutions \*

**UNCOLLECTABLE DEBTS**  
**Feb 2015**

ACCT #	NAME	House #	Street	LAST PAY DATE	WATER	Uncollected Sales tax	KS SEWER	Pegram Sewer	Total
101-00480-08	Joshua Williams	543	Saunders Lane	3/24/2014	181.33	16.07	145.79		343.19
101-00500-03	Carlita Trejo	551	Saunders Lane	5/29/2014	99.81	8.83	71.44		179.88
101-20080-00	Larry Rogers	167	Overlook Ct	5/27/2014	82.99	7.37	55.53		145.89
101-85050-11	Earl Cathey	109-A	Dickerson Ct	2/6/2014	19.25	1.71	9.48		30.44
101-85160-07	Lydia Troquille	105-B	Woody Ct	5/23/2014	124.26	11.06	95.58		230.90
101-90410-06	Angel Cox	209	Hillcrest Rd	1/10/2014	118.85	10.53	90.03		219.41
101-91360-06	Cassie Lackey	228	Hillcrest Rd	3/5/2014	190.07	18.83	148.69		353.59
101-91560-12	Amanda Chester	172	Hillcrest Rd	6/2/2014	52.58	4.66	37.85		95.09
101-91630-05	Ivan Diaz	180	Walnut Dr	4/24/2014	93.49	8.29	65.62		167.40
101-91900-08	David Smith	183	Walnut Dr	5/19/2014	97.57	8.65	72.37		178.59
101-91910-11	Brent Dennis	179	Walnut Dr	5/5/2014	85.00	10.66	46.88		142.54
101-99190-02	Randy Lane	207	Woodlands Dr	4/16/2014	77.87	7.59	28.62		114.08
					1,222.87	112.25	865.88	0.00	2,201.00

**Brush Creek Road over Branch to Brush Creek  
Town of Kingston Springs, Tennessee**

**Bridge Study  
Stream Crossing**

**MEMORANDUM**

Date: 04/14/15

To: Town of Kingston Springs, Tennessee

From: Collier Engineering Co., Inc.

Subject: **Brush Creek Road over Branch to Brush Creek – Bridge Study  
Bridge Replacement versus Bridge Rehabilitation  
Town of Kingston Springs, Tennessee**

At the request of the Town of Kingston Springs, we were asked to study the viability of rehabbing the existing bridge structure versus bridge replacement. A site visit for this bridge location was initially performed October 16, 2014 showing by visual inspection that the existing bridge is in poor condition. This site visit included personnel from Kingston Springs and their concrete contractor. Severe cracking in the bridge abutment walls was noted with one corner of the bridge being severely undermined. Rock material was lost downstream from behind the concrete walls leaving holes in the roadway backfill area and creating pavement failures along the edge of the roadway. Construction barrels were recommended to be placed as an immediate safety measure. It was also recommended that rock be placed to fill in the holes to get the roadway back to operation. It was also noted that the existing metal guardrail was not properly installed and presents a general liability issue for Kingston Springs.

A follow up project site was performed on December 9, 2014 to meet with a guardrail contractor to discuss the issues with the existing guardrail. From the meeting, it was determined that concrete work would need to be done on the existing bridge in order to be able to properly attach the metal guardrail to the bridge to meet acceptable Tennessee Department of Transportation (TDOT) roadway safety standards and specifications.

An additional follow up project site was performed on March 30, 2015 to meet with town officials to address growing safety concerns with the bridge crossing. From the meeting, it was determined that a cost analysis was needed to determine the viability of replacing the bridge structure versus repairing the bridge structure.

From different discussions about the bridge, it is known that the bridge was built back in the 1970's, making the bridge approximately 40 to 45 years old. From what we typically see in the industry, that puts the structure at the end of its 50 year life expectancy and toward the end of its usefulness.

Each site visit to the bridge only reinforced the need to address the safety concerns to the traveling public. Deep scouring was noted being an issue at each abutment with the walls losing contact with the bedrock in the stream. Heavy deterioration was seen in the concrete at the inlet and outlet side of the structure. Cracking in the abutment walls was very evident, and there is a noticeable sag in the bridge deck. Approximately 1.5 feet of



**Brush Creek Road over Branch to Brush Creek  
Town of Kingston Springs, Tennessee**

**Bridge Study  
Stream Crossing**

asphalt and gravel rests on top of the bridge deck creating heavy additional loading. Of course, as previously mentioned, the metal guardrail is not properly installed nor properly attached to the bridge structure providing additional safety concerns.

The existing bridge is approximately 18' wide with only 16' width of roadway making for a narrow two lane bridge crossing at times over the stream. From a safety standpoint, this bridge crossing ideally needs to be widened to carry a two lane crossing at minimum of 27'-6" wide for the bridge allowing for two 9' lanes with 2' of shoulder on each side while making room for the safety guardrail to be installed correctly. The load rating for this bridge has never been posted. Per our assessment of the structure, the load rating of this structure would likely be less than 10 tons.

To rehab the current bridge structure, the bad concrete at the inlet and outlet needs to be removed and replaced. Additionally, cracking in the abutment walls needs to be patched. The metal guardrail needs to be bolted on top of the bridge deck. The width of the bridge crossing would have to be widened to meet the standard design guidelines. Also, the abutments would have to be reworked to meet the required new out-to-out bridge deck widths. The costs to upgrade the existing bridge would be similar to the replacement costs for a new bridge crossing.

An initial cost estimate to quickly repair the bridge structure was developed on November 7, 2014, and the estimate amount came up to be approximately \$10,000.00. However, this quick fix was really only cosmetic and did not address the structural adequacy of the bridge, or any of the safety issues. Therefore, work on the bridge was tabled in order to gather more information for the Town of Kingston Springs.

Based on similar bridge rehab projects that we have done in the past, **rehabbing this bridge and to widen the crossing to meet minimum safety standards** can cost anywhere from **\$35,000 to \$45,000**. Costs for rehab projects are primarily driven by the hassle and difficulty to perform the repairs, not necessarily by the amount of concrete or steel material used. To perform a standard **bridge replacement**, the bridge costs would be around **\$50,000 to \$65,000**. *Bidding conditions and price of materials would dictate the final costs for work to be performed at this stream crossing. The price ranges provided in our estimating are done to account for fluctuations in contractor bidding.* Using the TDOT rule of thumb, it is anticipated that the costs to rehab the current bridge will be over half the costs for full bridge replacement. By comparison of potential project costs between repair and replacement, **it is apparent that bridge replacement would be more warranted.**

In addition, the adequacy of the hydraulic bridge opening is very restricted due amount of scour damage seen on the downstream side of the structure. A bridge rehab would not change or improve this condition. A total bridge replacement of this structure would allow an adjustment to raise the bridge deck and widen the opening of the new crossing, increasing and improving the area of hydraulic opening. In conclusion, due to the number of issues sited above, we recommend a bridge replacement for this location. Please see attached cost estimates and photo log.

# CONSTRUCTION COST ESTIMATE SHEET

BRUSH CREEK ROAD OVER BRANCH TO BRUSH CREEK

COUNTY Cheatham ROUTE NO.            DATE 04/14/15 SHEET NO. 1 OF 1

CITY Kingston Springs TYPE Bridge Repair and Widening ROADWAY LENGTH (FT) 300

PROJECT LIMITS Bridge and Approaches only BRIDGE LENGTH (FT) 20

ROADWAY & BRIDGE DESIGNER Jeffrey D. Stevens, P.E. - Project Manager TOTAL LENGTH (FT) 320

ESTIMATE PREPARED BY Jeffrey D. Stevens, P.E. TITLE Project Manager CHECKED BY           

## SLAB BRIDGE

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
202-04.01	REMOVAL OF STRUCTURES (EXISTING BRIDGE)	L.S.	1	\$5,000.00	\$5,000.00
303-01.02	GRANULAR BACKFILL (BRIDGES)	TON	100	\$20.00	\$2,000.00
604-02.01	CLASS "A" CONCRETE (BOX BRIDGES)	C.Y.	20	\$500.00	\$10,000.00
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	LB.	4,000	\$1.00	\$4,000.00
604-10.30	BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB)	S.Y.	10	\$200.00	\$2,000.00
705-01.04	METAL BEAM GUARD FENCE	L.F.	50.0	\$50.00	\$2,500.00
705-04.04	GUARDRAIL TERMINAL (TYPE 21)	EACH	4	\$2,000.00	\$8,000.00
709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	100	\$30.00	\$3,000.00
<b>TOTAL BRIDGE ESTIMATED CONSTRUCTION COST</b>					<b>\$36,500.00</b>

## EROSION CONTROL & TRAFFIC CONTROL

209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	300	\$5.00	\$1,500.00
209-09.01	SAND BAGS	BAG	150	\$5.00	\$750.00
209-09.02	TEMPORARY SEDIMENT FILTER BAG	BAG	1	\$500.00	\$500.00
712-01	TRAFFIC CONTROL	L.S.	1	\$2,500.00	\$2,500.00
<b>ROADWAY APPROACHES</b>		L.S.	1		
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	35	\$5.00	\$175.00
203-07	FURNISHING AND SPREADING TOPSOIL	C.Y.	5	\$10.00	\$50.00
303-01	MINERAL AGGREGATE, TYPE "A", GRADING D	TON	50	\$15.00	\$750.00
801-01	SEEDING (WITH MULCH)	UNITS	1	\$50.00	\$50.00
<b>PAVING FOR ROADWAY APPROACHES</b>		L.S.	1		
307-01.08	ASPHALT CONCRETE MIX (PG 64-22) (BPMB-HM)	TON	15	\$60.00	\$900.00
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	1	\$300.00	\$300.00
402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	1	\$20.00	\$20.00
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	1	\$250.00	\$250.00
411-01.10	ACS MIX, GRADING "D"	TON	10	\$80.00	\$800.00

**TOTAL ROADWAY ESTIMATED CONSTRUCTION COST** **\$8,545.00**

**TOTAL PROJECT ESTIMATED CONSTRUCTION COST** **\$45,045.00**

# CONSTRUCTION COST ESTIMATE SHEET

BRUSH CREEK ROAD OVER BRANCH TO BRUSH CREEK

COUNTY Cheatham ROUTE NO. \_\_\_\_\_ DATE 04/14/15 SHEET NO. 1 OF 1

CITY Kingston Springs TYPE 1 @ 18' x 6' Slab Bridge (90° Skew) ROADWAY LENGTH (FT) 50

PROJECT LIMITS Bridge Replacement - Bridge and Approaches only BRIDGE LENGTH (FT) 20

ROADWAY & BRIDGE DESIGNER Jeffrey D. Stevens, P.E. - City Engineer TOTAL LENGTH (FT) 70

ESTIMATE PREPARED BY Jeffrey D. Stevens, P.E. TITLE City Engineer CHECKED BY \_\_\_\_\_

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
<b>SLAB BRIDGE STRUCTURE</b>					
202-04.01	REMOVAL OF STRUCTURES (EXISTING CULVERTS)	L.S.	1	\$10,000.00	\$10,000.00
303-01.02	GRANULAR BACKFILL (BRIDGES)	TON	250	\$20.00	\$5,000.00
604-02.01	CLASS "A" CONCRETE (BOX BRIDGES)	C.Y.	35	\$500.00	\$17,500.00
604-02.02	STEEL BAR REINFORCEMENT (BOX BRIDGES)	LB.	7,500	\$1.00	\$7,500.00
705-01.04	METAL BEAM GUARD FENCE	L.F.	50	\$50.00	\$2,500.00
705-04.04	GUARDRAIL TERMINAL (TYPE 21)	EACH	4	\$2,000.00	\$8,000.00
709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	100	\$30.00	\$3,000.00
<b>TOTAL ESTIMATED BRIDGE COST</b>					<b>\$53,500.00</b>

<b>ROADWAY PAY ITEMS</b>					
<b>EROSION AND TRAFFIC CONTROL</b>					
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	300	\$5.00	\$1,500.00
209-09.01	SAND BAGS	BAG	150	\$5.00	\$750.00
209-09.02	TEMPORARY SEDIMENT FILTER BAG	BAG	1	\$500.00	\$500.00
712-01	TRAFFIC CONTROL	L.S.	1	\$2,500.00	\$2,500.00
<b>ROADWAY APPROACHES</b>					
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	70	\$5.00	\$350.00
203-07	FURNISHING AND SPREADING TOPSOIL	C.Y.	10	\$10.00	\$100.00
303-01	MINERAL AGGREGATE, TYPE "A", GRADING D	TON	100	\$15.00	\$1,500.00
601-01	SEEDING (WITH MULCH)	UNITS	2	\$50.00	\$100.00
<b>PAVING FOR ROADWAY APPROACHES</b>					
307-01.08	ASPHALT CONCRETE MIX (PG 64-22) (BPMB-HM)	TON	30	\$60.00	\$1,800.00
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	1	\$300.00	\$300.00
402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	1	\$20.00	\$20.00
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	1	\$250.00	\$250.00
411-01.10	ACS MIX, GRADING "D"	TON	20	\$80.00	\$1,600.00

**TOTAL ESTIMATED ROADWAY COST** **\$11,270.00**

**TOTAL PROJECT COST** **\$64,770.00**



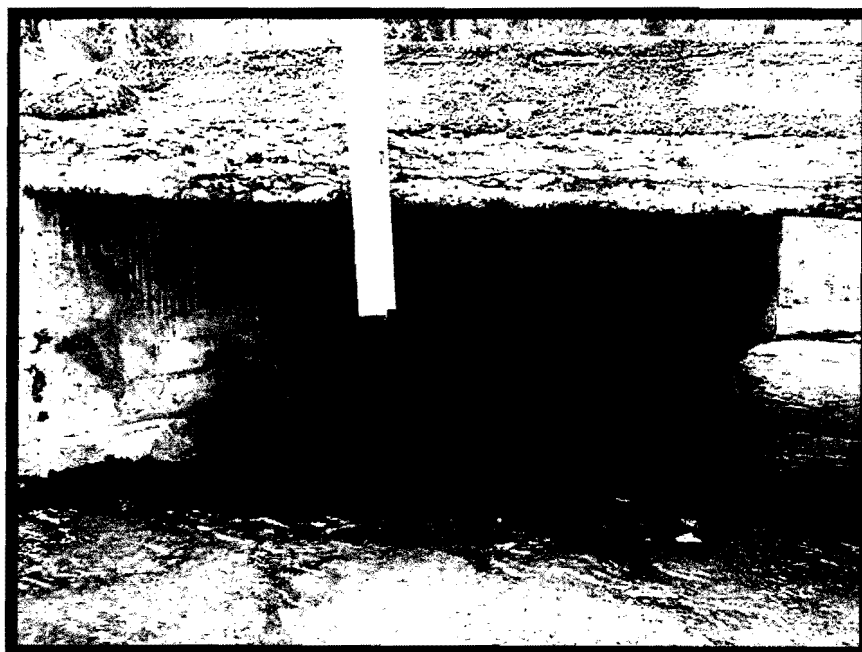
**Photo No. 1 – Asphalt Failure**



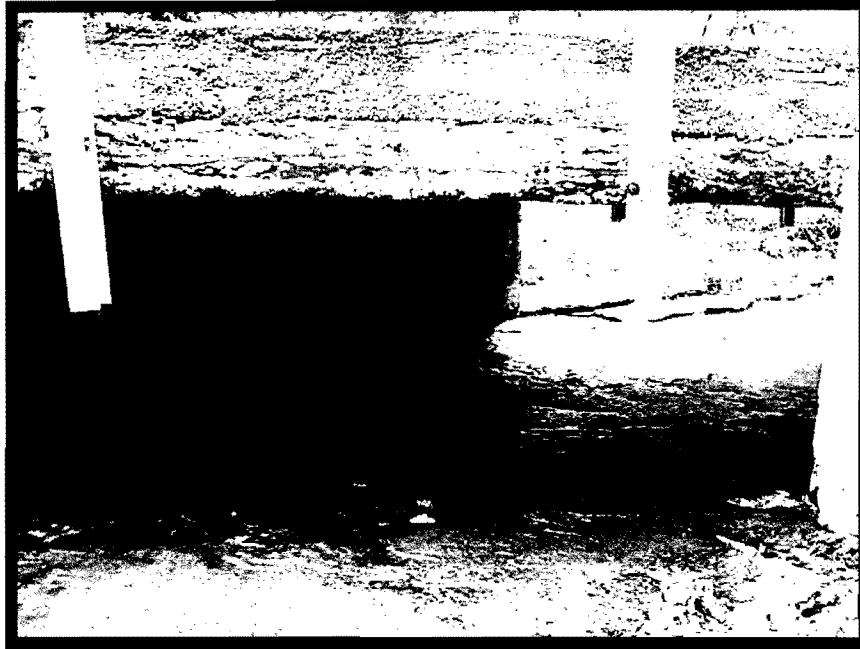
**Photo No. 2 – Asphalt Failure**



**Photo No. 3 – Bridge Inlet**



**Photo No. 4 – Bridge Inlet**



**Photo No. 5 – Bridge Inlet**



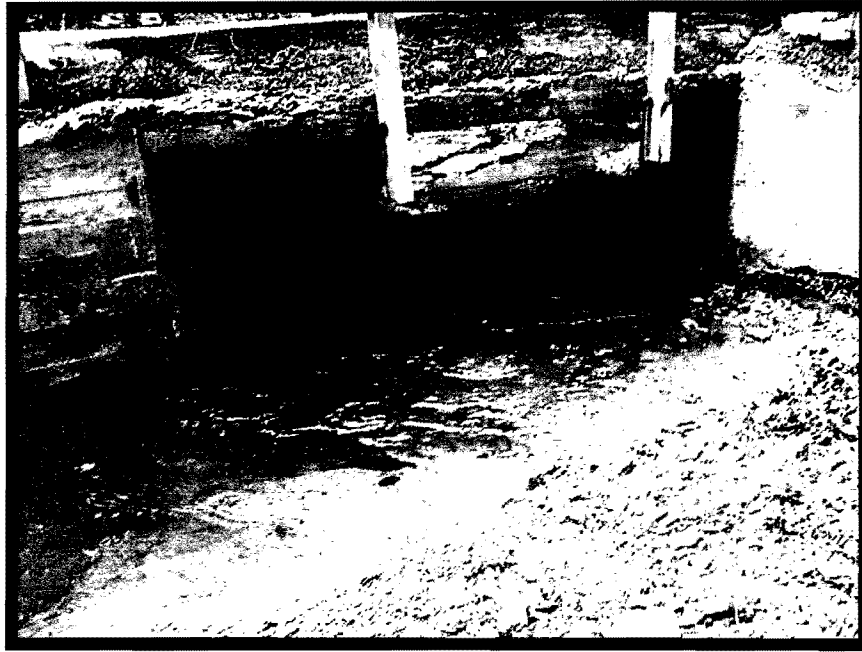
**Photo No. 6 – Bridge Inlet**



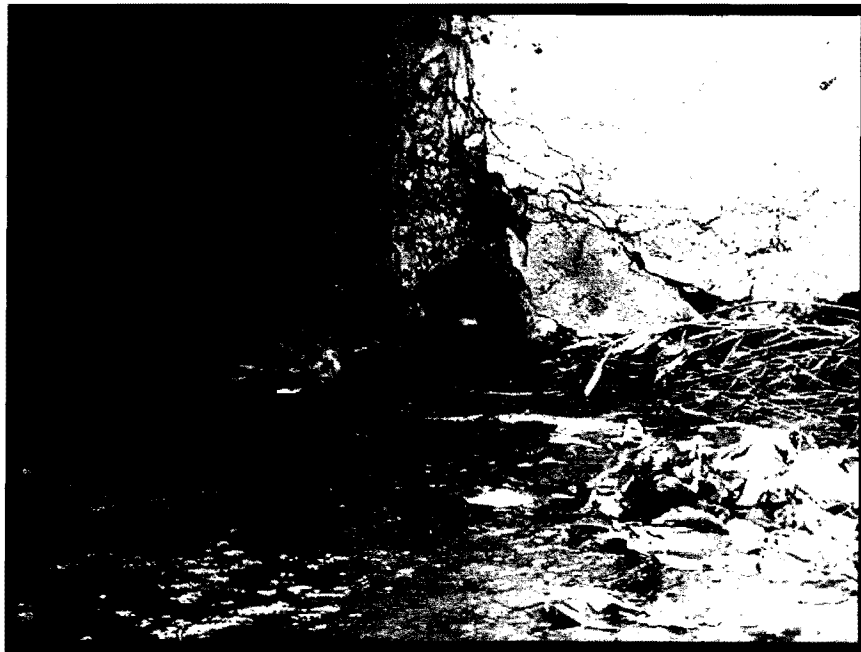
**Photo No. 7 – Bridge Inlet**



**Photo No. 8 – Cracking in Wall and Loss of Section**



**Photo No. 9 – Bridge Elevation**

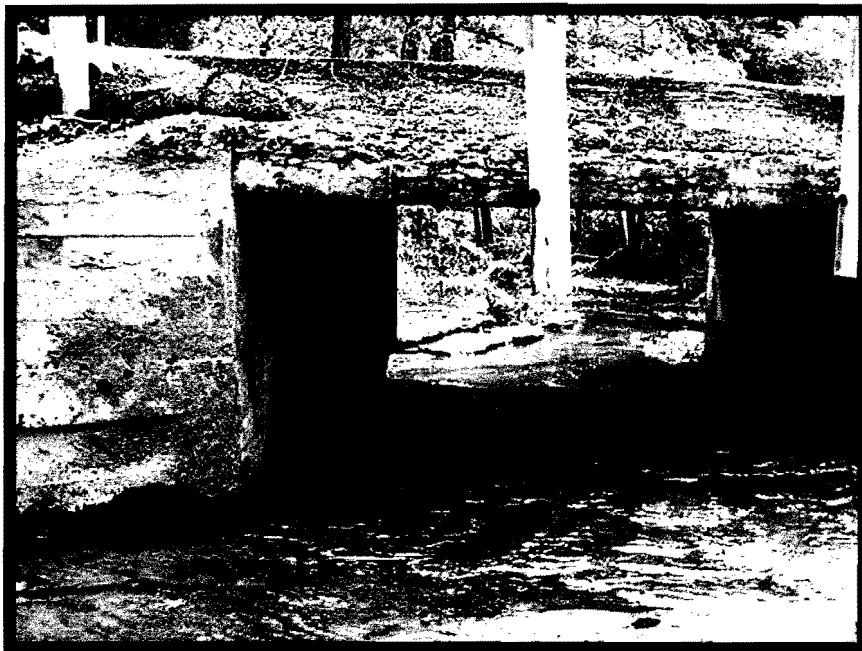


**Photo No. 10 – Cracking in Wall and Loss of Section**





**Photo No. 9 – Sag in Bridge Deck**



**Photo No. 10 – Bridge Elevation**