



H. J. Umbaugh & Associates
Certified Public Accountants, LLP
8365 Keystone Crossing
Suite 300
P.O. Box 40458
Indianapolis, IN 46240-0458
Phone: 317-465-1500
Fax: 317-465-1550
www.umbaugh.com

RECEIVED
MAY 15 2012
INDIANA UTILITY
REGULATORY COMMISSION

May 14, 2012

Mr. E. Curtis Gassert, Director
Indiana Utility Regulatory Commission
101 W. Washington Street, Suite 1500 East
Indianapolis, Indiana 46204

Re: City of Evansville, Indiana Waterworks District
Thirty-Day Filing – Non-Recurring Charges

Dear Curt:

Enclosed is a Verified Statement In Support of Change in Non-Recurring Charges, together with supporting schedules for filing on behalf of the City of Evansville Waterworks District. These charges are requested pursuant to the Commission's thirty-day administrative filing procedure as set forth in 170 IAC 1-6-1 et seq. Also enclosed is a copy of Evansville's proposed tariff along with a copy of the legal notice which has been submitted to the local newspaper.

Please return three stamped approved tariffs in the enclosed self-addressed, prepaid envelope, to our office at your earliest convenience. If you or members of your staff have any questions or comments, please do not hesitate to call.

The reason for these changes is an increase in the labor and material costs to perform a these services. Please see the attached cost justifications for additional information.

While we understand that this process may take longer than thirty days, the City is interested in completing this as quickly as possible.

If you have any questions, please do not hesitate to call me.

Very truly yours,

UMBAUGH

Robert J. Clifford

RJC/DLB/AJR

Enclosures

cc: Office of Utility Consumer Counselor
Mr. Allen R. Mounts, Director, Evansville Utilities
Mr. Roger Johnson, Water Superintendent

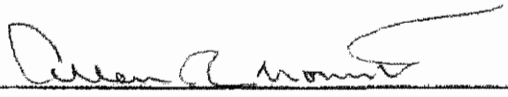
EXHIBIT 1

VERIFIED STATEMENT IN SUPPORT OF CHANGE IN SCHEDULE OF NON-RECURRING CHARGES

TO THE INDIANA UTILITY REGULATORY COMMISSION OF INDIANA:

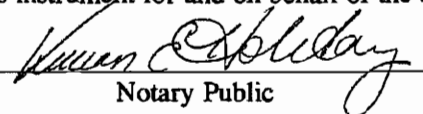
1. The Evansville (Indiana) Waterworks District, is requesting changes to various non-recurring charges to more accurately reflect the cost of providing those services.
2. Affected customers have been notified by a legal notice published in the Evansville Courier and Press, a newspaper of general circulation that has a circulation encompassing the highest number of the District's customers affected by the filing. The notice will also be placed on the District's website and posted in a public place at the District's local customer service office. A copy of the legal notice is attached as Exhibit A
3. The accompanying changes in the schedule of non-recurring charges are based solely upon an increase in the cost of labor and materials used in providing these services in accordance with 170 IAC 6-5-1.
4. All of the matters and facts stated herein and the attached exhibits are true and correct. The rate changes shall take effect for the next practical consumption period following approval by the Commission.

EVANSVILLE WATER & SEWER UTILITY

By: 
Director

STATE OF INDIANA)
) SS:
COUNTY OF VANDERBURGH)

Personally appeared before me, a Notary Public in and for said County and State, this 14th day of May, 2012, Allen R. Mount, who, after having been duly sworn according to law, stated that he is the Director of the Evansville Water & Sewer Utility that he has read the matters and facts stated above, and in all exhibits attached hereto, and that the same are true; that he is duly authorized to execute this instrument for and on behalf of the applicant herein.


Notary Public

My Commission expires: October 7, 2019



VIVIAN E. HOLIDAY
Resident of Vanderburgh County, IN
Commission Expires: October 7, 2019

Exhibit II

LEGAL NOTICE

Notice is hereby given that Evansville Waterworks District (District) has filed a request with the Indiana Utility Regulatory Commission (IURC) to increase certain non-recurring charges of the District. Approval of the filing is expected approximately thirty days after filing. The proposed increases are for non-recurring charges only and do not affect retail water rates.

Objections to District's request should be submitted to the Secretary of the Commission, IURC, National City Center, 101 West Washington St., Suite 1500 E, Indianapolis, IN 46204 or to the Indiana office of the Utility Consumer Counselor, National City Center, 115 W. Washington St., Suite 1500 South, Indianapolis, IN 46204.

**EVANSVILLE (INDIANA) WATERWORKS DISTRICT
30 DAY FILING OF EVANSVILLE –NON-RECURRING CHARGES**

Page

- 1 Calculation of Proposed Connection Charge
- 2 Calculation of Proposed Customer Meter Deposit
- 3 Calculation of Front Footage Charge
- 4 Calculation of Proposed Split Service Fee
- 5 Calculation of Proposed Developer Installed Service Charge
- 6 Calculation of Proposed Temporary Fire Hydrant Meter Fees – 2” & Larger
- 7 Calculation of Proposed Bad Check Charge
- 8 Calculation of Proposed Reconnection Charge
- 9 Calculation of Proposed Non-Payment Without Disconnect Charged

Appendix

- A. Service Line Installation Agreement
- B. Actual Connection Charges – October 2010 – September 2011
- C. Meter Cost Quote
- D. Neptune Fire Hydrant Meter Quote
- E. Proposed non-recurring charges portion of water tariff

EVANSVILLE (INDIANA) WATERWORKS DISTRICT

CALCULATION OF PROPOSED CONNECTION CHARGE
(Per Utility Management)

	Average Hours	Hourly Rate (1)	Charge	
			3/4" Inch Meter	1" Inch Meter
Installation costs			\$1,372.00	\$1,395.00
Meter cost			73.00	100.00
SmartPoint			100.00	100.00
Clerk at Building Commission administers application to customer	0.33	\$23.25	7.67	7.67
Clerk at Allens Lane receives order from Building Commission, processes work order and sends order to contractor for installation	0.08	25.69	2.06	2.06
Clerk at Allens Lane processes completed paperwork from contractor and files paperwork	0.17	25.69	4.37	4.37
Calculated Connection Charge			<u>\$1,559.10</u>	<u>\$1,609.10</u>
Proposed Connection Charge			<u>\$1,550.00</u>	<u>\$1,600.00</u>

(1) Includes hourly pay rate and average hourly employee benefits for relevant employees.

EVANSVILLE (INDIANA) WATERWORKS DISTRICT

CALCULATION OF PROPOSED CUSTOMER METER DEPOSIT
(Per Utility Management)**RESIDENTIAL:**Customer meter deposit (5,000 gallons usage per month)

5,000 gallons at \$2.24 per 1,000 gallons*	\$11.20
Monthly service charge (assumes a 5/8" or 3/4" inch meter)*	3.22
Monthly surcharge for fire protection (assumes Inside City - 5/8" inch meter)	1.76
Total monthly charges	16.18
Times 2 months	2
Calculated Residential Customer Meter Deposits	\$32.36
Proposed Residential Customer Meter Deposits	\$30.00

COMMERCIAL/INDUSTRIAL:Customer meter deposit (5,000 gallons usage per month)

5,000 gallons at \$2.24 per 1,000 gallons*	\$11.20
Monthly service charge (assumes a 2" inch meter)*	6.20
Monthly surcharge for fire protection (assumes Inside City - 2" inch meter)	5.11
Total monthly charges	22.51
Times 2 months	2
Calculated Commercial/Industrial Customer Meter Deposits	\$45.02
Proposed Commercial/Industrial Customer Meter Deposits	\$45.00

* Present rates and charges approved by IURC pursuant to Cause No. 43190 September 26, 2007. Current tariff was effective on January 1, 2010.

EVANSVILLE (INDIANA) WATERWORKS DISTRICT

CALCULATION OF FRONT FOOTAGE CHARGE

(Per Utility Management)

2011 Base cost to Utility of installing water main and appurtenances	\$86,382	
Length of line installed in feet	<u>2,075</u>	
Cost per lineal foot installed	\$42	
Multiply by Utility targeted participation percentage (1)	<u>50%</u>	
Utility targeted share of cost		\$21
Cost to upsize line to accommodate Utility's needs (2)	16,425	
Length of line installed in feet	<u>2,075</u>	
Cost per lineal foot installed		<u>8</u>
Calculated Front Footage Charge per lineal foot		<u><u>\$29</u></u>
Proposed Front Footage Charge per lineal foot		<u><u>\$26</u></u>

(1) The utility has a policy of funding 50% of the upfront footage cost.

(2) The Utility pays 100% of the cost to upsize a line.

EVANSVILLE (INDIANA) WATERWORKS DISTRICT

CALCULATION OF PROPOSED SPLIT SERVICE FEE
(Per Utility Management)

	<u>Number of Employees</u>	<u>Average Hours</u>	<u>Hourly Rate (1)</u>	<u>Charge</u>
Meter and SmartPoint cost (assumes a 3/4" inch meter)				\$173.00
Clerk at Building Commission administers application to customer	1	0.33	23.25	7.67
Clerk at Allens Lane receives order from Building Commission, processes work order, dispatches inspector, sends letter to customer and follows up with installation	1	0.25	25.69	6.42
Lead meter reader receives workorder that service has been installed, drives to location to inspect installation that it meets utility standards	1	0.33	31.43	10.37
Truck		0.33	20.00	6.60
Mileage on reconnect truck (average of 5 miles at \$0.59 per mile)			0.59	<u>2.95</u>
Calculated Split Service Fee				<u>\$207.01</u>
Proposed Split Service Fee				<u>\$200.00</u>

(1) Includes hourly pay rate and average hourly employee benefits for relevant employees.
The rate for the reconnect truck is based on the standard hourly rate per information
provided by utility management.

EVANSVILLE (INDIANA) WATERWORKS DISTRICT

CALCULATION OF PROPOSED DEVELOPER INSTALLED SERVICE CHARGE

(Per Utility Management)

	<u>Number of Employees</u>	<u>Average Hours</u>	<u>Hourly Rate (1)</u>	<u>Charge</u>	
				<u>3/4" Inch Meter</u>	<u>1" Inch Meter</u>
Meter and SmartPoint cost				\$173.00	\$200.00
Clerk at Building Commission administers application to customer	1	0.33	\$23.25	7.67	7.67
Clerk at Allens Lane receives order from Building Commission, processes work order, dispatches inspector, sends letter to customer and follows up with installation	1	0.25	25.69	6.42	6.42
Lead meter reader receives workorder that service has been installed, drives to location to inspect installation that it meets utility standards	1	0.33	31.43	10.37	10.37
Truck		0.33	20.00	6.60	6.60
Mileage on truck (average of 5 miles at \$0.59 per mile)			0.59	2.95	2.95
Calculated Developer Installed Service Charge				<u>\$207.01</u>	<u>\$234.01</u>
Proposed Developer Installed Service Charge				<u>\$200.00</u>	<u>\$230.00</u>

(1) Includes hourly pay rate and average hourly employee benefits for relevant employees.
The rate for the truck is based on the standard hourly rate per information provided by utility management.

EVANSVILLE (INDIANA) WATERWORKS DISTRICT

CALCULATION OF PROPOSED TEMPORARY FIRE HYDRANT METER FEES - 2" & LARGER
(Per Utility Management)

	<u>Number of Employees</u>	<u>Average Hours</u>	<u>Hourly Rate (1)</u>	<u>3" Fire Hydrant Meter</u>
Meter cost				\$690.00
Valve and SS strainer cost				152.00
Fire hydrant wrench				57.00
Hose coupling				9.50
Meter Department receives notice, completes application, prepare receipt and retrieve meter.	1	0.50	\$36.44	18.22
Accountant enters customer information and creates account	1	0.33	37.25	12.29
Meter Department inspects, cleans, tests, repairs and returns meters to inventory when returned	2	1.00	31.43	<u>62.86</u>
Calculated Fire Hydrant Meter Fee				<u><u>\$1,001.87</u></u>
Proposed Fire Hydrant Meter Fee				<u><u>\$1,000.00</u></u>

(1 Includes hourly pay rate and average hourly employee benefits for relevant employees.
The rate for the truck is based on the standard hourly rate per information provided
by utility management.

EVANSVILLE (INDIANA) WATERWORKS DISTRICT

CALCULATION OF PROPOSED BAD CHECK CHARGE

(Per Utility Management)

	<u>Average Hours</u>	<u>Hourly Rate (1)</u>	<u>Charge</u>
Accounting clerk receives NSF notice from bank, adjust general ledger and alerts billing department	0.25	\$37.25	\$9.31
Billing department receives notice from Accounting clerk, research account NSF applies to and adjust customer account to reflect non-payment, send letter to customer, process payment if done within 3 days and if not send notice to meter department for shut-off	0.50	26.35	13.18
Materials and supplies (envelope, letter, postage, etc.)			<u>0.60</u>
Calculated Returned Check Charge			<u>\$23.09</u>
Proposed Returned Check Charge			<u>\$23.00</u>

(1) Includes hourly pay rate and average hourly employee benefits for relevant employees.

EVANSVILLE (INDIANA) WATERWORKS DISTRICT

CALCULATION OF PROPOSED RECONNECTION CHARGE

(Per Utility Management)

	<u>Number of Employees</u>	<u>Average Hours</u>	<u>Hourly Rate (1)</u>	<u>Charge</u>
Discrepancy settled with billing department and meter scheduled to be reconnected	1	0.50	\$23.25	\$11.63
Dispatcher receives work order from billing department, schedules time with customer and reconnect truck and processes completed work order	1	0.16	29.22	4.68
Reconnect truck drives to customer location, reconnects meter and completes paperwork and gives to dispatcher	1	0.50	28.95	14.48
Reconnect truck		0.50	20.00	10.00
Mileage on reconnect truck (average of 10 miles from two trips at \$0.59 per mile)			0.59	5.90
Materials and supplies (door tag, shut-off notice, postage)				<u>0.47</u>
Calculated Reconnection Charge				<u>\$47.16</u>
Proposed Reconnection Charge				<u>\$45.00</u>

(1) Includes hourly pay rate and average hourly employee benefits for relevant employees. The rate for the reconnect truck is based on the standard hourly rate per information provided by utility management.

EVANSVILLE (INDIANA) WATERWORKS DISTRICT

CALCULATION OF PROPOSED NON-PAYMENT WITHOUT DISCONNECT CHARGE
(Per Utility Management)

	<u>Number of Employees</u>	<u>Average Hours</u>	<u>Hourly Rate (1)</u>	<u>Charge</u>
Billing department adjust customer account to reflect non-payment and send notice to meter department for shut-off	1	0.50	\$23.25	\$11.63
Dispatcher receives work order from billing department, schedules time with disconnect truck and processes completed work order	1	0.16	29.22	4.68
Disconnect truck drives to customer location, doesn't disconnect meter and completes paperwork and gives to dispatcher	1	0.25	28.95	7.24
Disconnect truck		0.25	20.00	5.00
Mileage on disconnect truck (average of 5 miles at \$0.59 per mile)			0.59	<u>2.95</u>
Calculated Non-Payment Without Disconnect				<u><u>\$31.50</u></u>
Proposed Non-Payment Without Disconnect				<u><u>\$30.00</u></u>

- (1) Includes hourly pay rate and average hourly employee benefits for relevant employees.
The rate for the disconnect truck is based on the standard hourly rate per information provided by utility management.

EVANSVILLE (INDIANA) MUNICIPAL WATERWORKS DISTRICT

APPENDIX A

SERVICE LINE INSTALLATION AGREEMENT

Between

EVANSVILLE WATER AND SEWER UTILITY

And

BMB, Inc.

July 6, 2011

Scope

BMB, Inc. shall install ¾" and 1" copper service lines and appurtenances from the Utility owned water main to the applicant's property line. Work shall include the complete and timely restoration of all disturbed areas including, but not limited to streets, sidewalks, drives, and yards. Complete as-built documentation including GPS information shall be submitted to the Utility for every service installed. All documentation shall be sent to the Utility electronically.

Surety

BMB, Inc. will be required to maintain a \$50,000 performance bond with the Utility during the length of the contract. Failure to maintain the bond during the life of the contract will result in immediate termination of the contract.

Contract Time

This contract shall commence on July 6, 2011 and shall continue until July 5, 2013 at which time the contract will terminate unless a certificate of renewal is agreed upon by both BMB, Inc. and the Utility.

Wage Rates

BMB, Inc. shall be required to pay not less than the common construction wage rates while executing the scope of work, as established by the State of Indiana Department of Labor, under IC 5-16-7 during the life of this contract.

Licensure

All services shall be installed under the direction of a licensed plumber and BMB, Inc., or an officer thereof, agrees to hold a Vanderburgh County Underground Utility Contractors license or a Vanderburgh County General Contractors license for the life of the contract.

Insurance Requirements

BMB, Inc. will be required to maintain approved insurance coverage, as shown in the agreement, throughout the term of the agreement. A Certificate of Insurance shall be provided by BMB, Inc. to the Utility upon acceptance of the agreement and every year thereafter as well as any time changes are made. The City of Evansville and Evansville Water and Sewer Utility shall be named on the certificate as additional insured.

The contract price shall include all labor and materials required for the complete installation of ¾" and 1" services including all restoration. Said materials must meet the enclosed specifications. The Utility reserves the right to modify the brand or specifications of materials used at any time during the agreement with 10 days notice. The Utility reserves the right to modify the information requested on the as-built document at any time during the agreement with 10 days notice. The Utility reserves the right to modify the detail sheet at any time during the agreement with 10 days notice. These services will be installed with-in the Evansville Water System on a per request basis.

¾" Short Service	\$ 990.00	each
¾" Long Service	\$1,395.00	each
1" Short Service	\$1,040.00	each
1" Long Service	\$1,495.00	each
Street or Sidewalk Cut, Repair	\$1,250.00	each

Service installations shall include; tapping saddle, corporation cock, copper tubing, stop cock, stop box, and stop box alignment device.

All services are to be installed at the location designated by the applicant whenever possible, with the stop-box set at the property line.

Short services are services installed to serve the property on the same side of the road as the water main. In some cases a short push under a sidewalk or etc. may be required, to install a short service without removing the walk or causing damage to other minor structures. Short services may range from 5 feet to 30 feet in length depending on the location of the water main but typically average around 15 feet in length.

Long services are services installed to serve the property on the opposite side of the road as the water main. These installations will require a bore or push underneath the roadway and or sidewalks. Long Services may range from 15 feet to 80 feet in length depending on the location of the water main but typically average around 30 feet in length.

Street and/or sidewalk cut repairs will apply only when the main lies under the street pavement or sidewalk and the pavement or walk must be cut in order to tap the main. If the street or sidewalk cut can be avoided with a short push, the Utility will not pay for the cut. All street and/ or sidewalk cuts shall be backfilled with #11 stone or flowable fill unless the cut falls within a state right of way at which time the cut shall be backfilled with flowable fill only.

All pavement restorations shall meet the minimum requirements for the City of Evansville or State of Indiana, depending on the location of installation. The City of Evansville reserves the right to modify the minimum requirements for street and sidewalk restoration therefore the Utility reserves the right to modify the minimum requirements for street and sidewalk restoration at any time during the agreement with 10 days notice.

All services must be installed with-in 21 days of notice to install, however, there will be emergency or rush situations that will require a shorter installation period. A co-operative effort will be required to accommodate the emergency or rush situations.

BMB, Inc. shall cooperate with the Utility as much as possible to keep the Utility informed of the location of the service installation crew prior to mobilizing to the service installation locations to expedite the inspection of the installations by the Utility. Upon completion of the installation, the contractor shall send the completed as-built information (sample form attached) including GPS coordinates of stop box location to the proper Utility representatives via email within 24 hours of installation.

Restoration to all streets and sidewalks must be completed as soon as possible after the cut and restoration to yards must be completed as soon as practical, weather permitting. Contractor must communicate with all property owners a minimum of 24 hours prior to entering private property, including the easement, as well stay in communication with the property owners regarding restoration to any damaged areas of their property.

Insurance Requirements

INDEMNIFICATION AND INSURANCE AGREEMENT

The Contractor, whose name appears below, shall execute this Agreement and shall furnish insurances as herein provided for the benefit of the Owner and its affiliated companies.

1. Indemnification

- 1.1 To the fullest extent permitted by Laws and Regulations the Contractor shall indemnify and hold harmless the Owner, The Evansville Water and Sewer Utility and the affiliated companies, consultants, agents, officers, directors and employees of each and any of them from and against all claims, damages, losses and expenses, direct, indirect or consequential (including but not limited to fees and charges of engineers, architects, attorneys and other professionals and court and arbitration or other dispute resolutions costs) arising out of or resulting from the performance of the Work, provided that any such claim, damage, loss or expenses (a) is attributable to bodily injury, personal injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom and (b) is caused in whole or in part by any negligent act or omission of the Contractor, and Subcontractor, any Supplier, any person or organization directly or indirectly employed by any of them to perform or furnish any of the Work or anyone for whose acts any of them may be liable, regardless of whether or not caused in part by any negligence or omission of a person or entity indemnified hereunder of whether liability is imposed upon such indemnified party by Laws and Regulations regardless of the negligence of any such person or entity.
- 1.2 In any and all claims against the Owner, The Evansville Water and Sewer Utility, and the affiliated companies, consultants, agents, officers, directors, or employees of each or any of them by any employee (or the survivor or personal representative of such employee) of the Contractor, any Subcontractor, any Supplier, any person or organization directly or indirectly employed by any of them to perform or furnish any of the Work or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 1.3 shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any such Subcontractor. Supplier or other person or organization on workers' compensation acts, disability benefit acts or other employee benefit acts.
- 1.3 If any provisions of Paragraphs 1.3 or 1.4 in respect of indemnification is prohibited or unenforceable by applicable law, then said Paragraph 1.3 and 1.4 as applicable, shall be reformed and amended so that the parties indemnified hereunder are provided with the fullest extent of indemnification as is permitted under applicable law and the remainder of the Contract Documents shall remain in full force and effect and not be invalidated.
- 1.4 All representations, indemnifications, warranties and guarantees made in, required by, or given in accordance with the Contract Documents will survive final payment, completion and acceptance of the Work and termination or completion of the Agreement.

2. Proof of Insurance Coverage

- 2.1 The Contractor and their subcontractors shall submit with bid documents a valid Certificate of Insurance executed by a duly authorized representative of each insurer. Each coverage line must be completed, including but not limited to, Worker's Compensation, General Liability, Auto Liability, Excess Liability and Professional Liability.

- 2.2 Policy effective date, expiration date, policy numbers, insurance company, type of insurance, limits, producer, insured, description, cancellation notice and certificate holder must be completed on every certificate issued to Owner.
- 2.3 All certificates shall provide for 30 days' written notice to Owner prior to the cancellation (or material change) of any insurance referred to therein.
- 2.4 The words "endeavor to" and "but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives" shall be deleted from the certificate form's cancellation provision.
- 2.5 Any deductibles or retentions must be shown on the policy, and noted that only the named insured is responsible for its payment.
- 2.6 Insurers must be Best Rated A-VII or better.
3. Policies
 - 3.1 The Contractor and their subcontractors shall submit insurance policies indicating the Owner as an additional insured on all the Contractors insurance policies.
 - 3.2 In lieu of providing a policy for each job the insurer may issue an endorsement to the policy for the individual job or blanket certificate. However, this endorsement must originate from the insurer.
4. Workers' Compensation
 - 4.1 Coverage and limits are established by the state in which the work is to be performed.
 - 4.2 Limits of Liability:

Coverage A-Workers' Compensation Statutory		
Coverage B-Employers Liability	\$1,000,000	Bodily Injury by Disease Each Employee
	\$1,000,000	Each Accident
	\$1,000,000	Bodily Injury by Disease Policy Limit
Coverage C-Other States Insurance All States Ex Monopolistic		
 - 4.3 Waiver of Subrogation in favor of the Owner and its agents, officers, directors, and employees for recovery of damages to the extent these damages are covered by the policy.
5. General Liability/Umbrella/Automobile Requirements
(See attached sample certificate)
 - 5.1 Provide coverage for bodily injury, personal injury and property damage claims which occur during or after performance of the contract work and arise out of the work performed.
 - 5.2 CGL insurance shall be written on ISO occurrence form CG 00 01 10 93 (or a substitute form providing equivalent coverage) and shall cover liability arising from premises,

operations, independent contractors, products-completed operations, personal injury and advertising injury, and liability assumed under an insured contract (including the tort liability of another assumed in a business contract).

- 5.3 Automobile insurance shall be written on ISO occurrence form CG 00 01 10 93 (or substitute form providing equivalent coverage).
- 5.4 The Owner shall be included as an Additional Insured under the CGL, Auto and Umbrella, using ISO Form CG 20 26 11 85 [Additional Insured – Designated Person or Organization].
- 5.5 A copy of ISO Form CG 20 26 11 85 must be attached to the certificate.
- 5.6 This insurance shall apply as primary insurance with respect to any other insurance or self-insurance programs afforded to the Owner.
- 5.7 Since the General Liability and Umbrella or Excess policies are subject to aggregate limits, we can only accept the following minimum limits and the General Aggregate Must be on a Per Project Basis:

Commercial General Liability	\$1,000,000	General Aggregate
Products – Completed Operations	\$1,000,000	Aggregate
Umbrella or Excessive Liability	\$1,000,000	Each Occurrence
Automobile Liability	\$1,000,000	Combined
		Bodily Injury
		And Property Damage
		(Symbol 1, 8 or 9)

- 5.8 The certificate must also show the following if applicable:

Claims Made (note retro date) or occurrence form with edition number

Evidence any special coverage limitations such as Designated Premises etc.

Material Specifications

Tapping Saddles:

Tapping saddles shall be bronze body with a 2" stainless steel band, drop in bolts and a corporation cock threaded outlet.

2" X ¾"	S70-203	2" X 1"	S70-204
4" X ¾"	0101BS-480-CC3	4" X 1"	101BS-480-CC4
6" X ¾"	0101BS-690-CC3	6" X 1"	101BS-690-CC4
8" X ¾"	0101BS-905-CC3	8" X 1"	101BS-905-CC4
12" X ¾"	0101BS-1320-CC3	12" X 1"	101BS-1320-CC4
16" X ¾"	0101BS-1740-CC3	16" X 1"	101BS-1740-CC4

Copper Tubing:

Copper Tubing shall be type "K" Soft Copper. Service Lines shall be one continuous piece of tubing from the corp cock to the stop cock with no splices.

Corp Cocks:

Corporation Cocks shall be Corporation Stop Thread x Copper Tubing Size Compression, 360° motion tee head
Ford F1000 or Mueller H-15008 only

Stop Cocks:

Stopcocks shall be (compression pack joint x female iron pipe thread) PJ X FIP ball valves, 360° turn and must have set screw on compression end.

¾"	Ford B41-333R only
1"	Ford B41-444R only

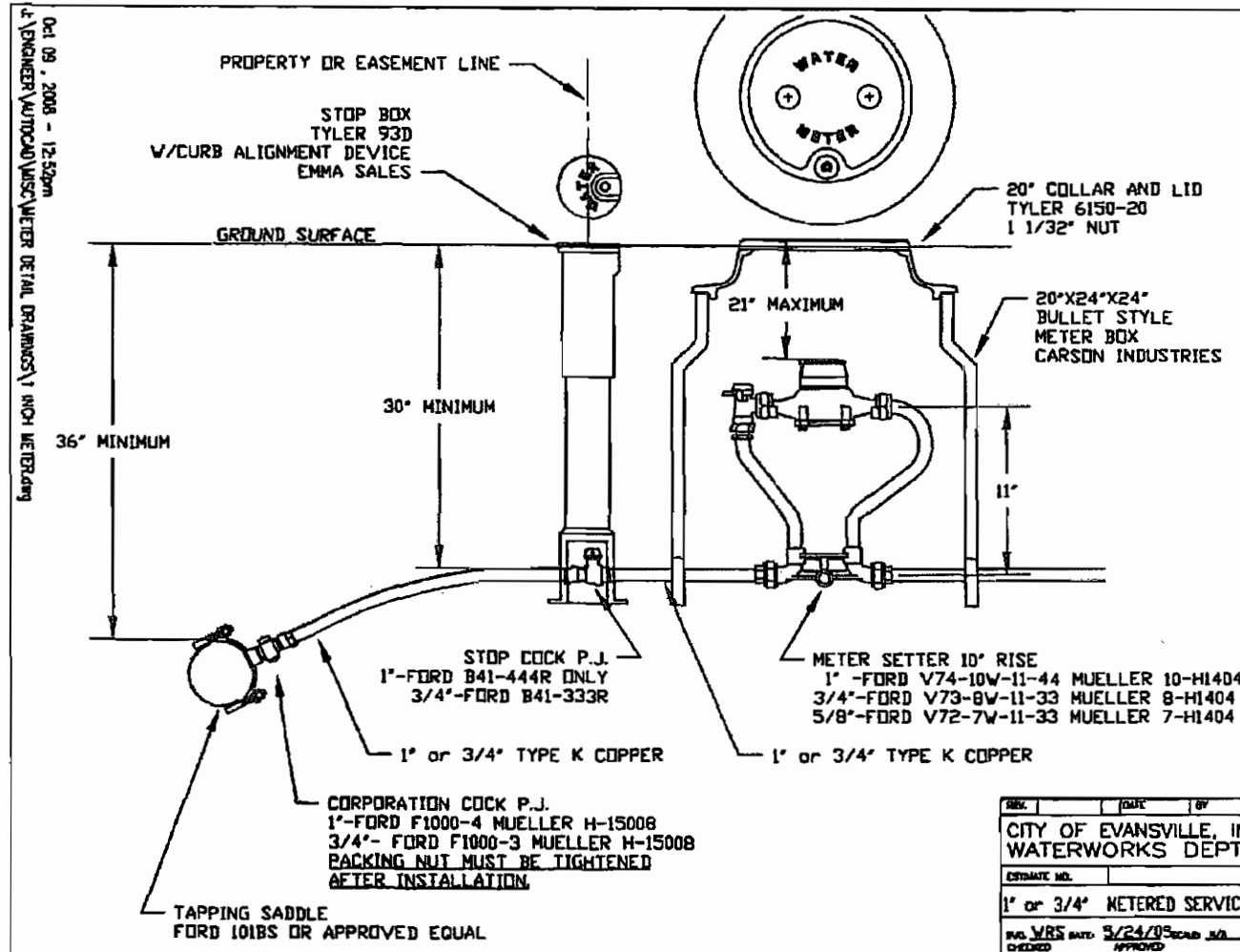
Stop Boxes:

Stop Boxes shall be 93D Tyler only
Every Stop Box shall be painted blue on the inside of the box as well as the lid

Stop Box Alignment Device:

Every Stop Box shall be installed with a Stop Box Alignment Device manufactured by EMMA Sales, Inc.

Service Line Installation Detail Sheet

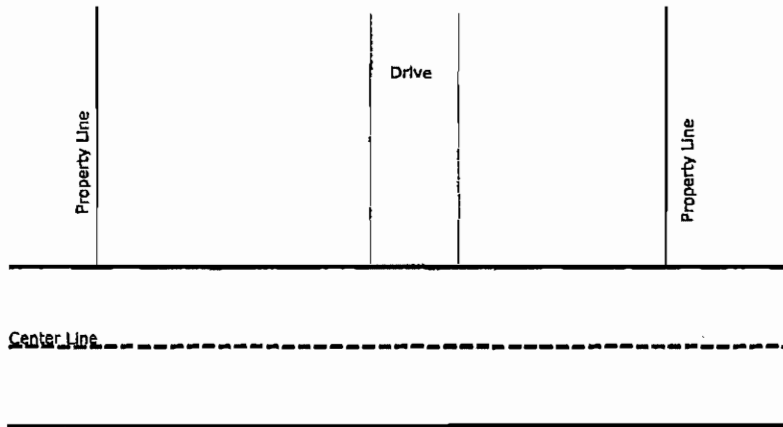


**Sample As-Built Information Sheet to be submitted for Every Service
Installed**

Date Installed _____ Application Number _____

Address _____

Contractor Name _____

As - Built Drawing(draw in main location, stop box location, and dimensions from property lines
driveways, sidewalks, back of curbs or edge of pavement)

Size of Main _____ Inch

Size of Service Line (Circle One) 3/4" 1"

Main Material
(Circle One)

PVC

Ductile Iron

Cast Iron

Concrete

Location of Main _____ same side as stop _____ opposite side of stop {In reference to center line of road}
 (Check all that apply) _____ In pavement _____ out of pavement _____ under sidewalk

Distance from Main to Back of Curb or Edge of Pavement _____ feet

Distance Left of Drive _____ feet

Distance from Back of Curb or Edge of Pavement to Stop Box _____ feet

Distance Right of Drive _____ feet

Distance from Main to Stop Box _____ feet

Distance from Left Property Line _____ feet

Distance from Right Property Line _____ feet

If in pavement - size of street cut _____ feet x _____ feet If sidewalk removed - area removed _____ feet x _____ feet

Type of Backfill _____

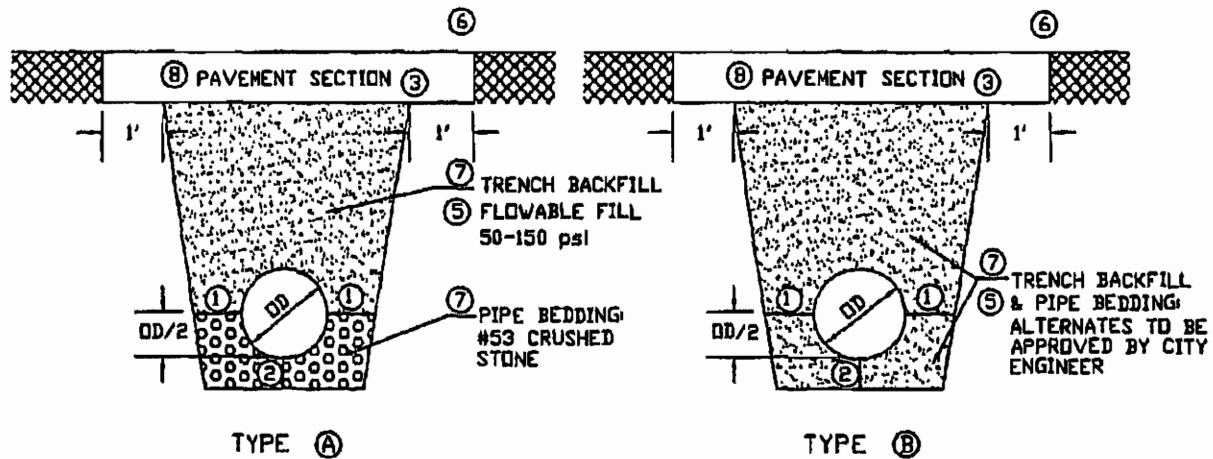
GPS Coordinates of Stop Box _____ N

_____ E

Plumber Signature _____

Plumbing License Number _____

Pavement and Sidewalk Specifications

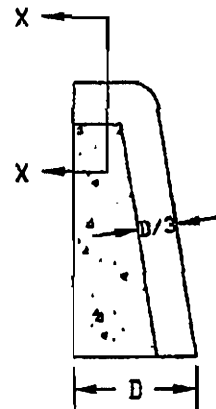
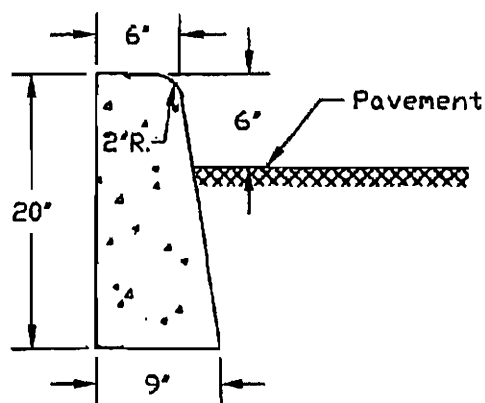


NOTES:

- ① Pipe Diameter $\leq 24"$, 6" width
Pipe Diameter $> 24"$, 12" width
- ② Pipe Diameter $\leq 24"$, 4" width
Pipe Diameter $> 24"$, 6" width
- ③ Pavement Patch
Asphalt Drive - 1" H.A.C. Surface, 9.5 mm; 2" H.A.C. Binder, 19mm; 4" #53 Crushed Stone
Asphalt Street - 1.5" H.A.C. Surface, 9.5mm; Tack Coat; 7" P.C.C. (3500psi) or 1" H.A.C. Surface, 9.5mm; 9" H.A.C. Base, 25mm — See Plans
Note: If necessary increase street patch to match exist. pavement thickness.
Concrete Street & Drive - 6" P.C.C. (3500psi)
Rock Drive - 6" No. 53 Crushed Stone
Grass Drive - 6" Top Soil
- ④ Excavated material may be used for trench backfill on Grass Drive.
- ⑤ All backfill material shall be mechanically compacted in 6" lifts to 95% of standard density. (Except Flowable Fill)
- ⑥ All asphalt & concrete pavements shall be saw cut.
- ⑦ The cost of material shall be included in other items in the contract.
- ⑧ Material shall be paid for separately.

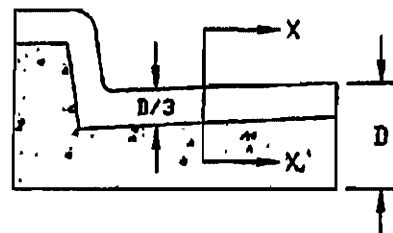
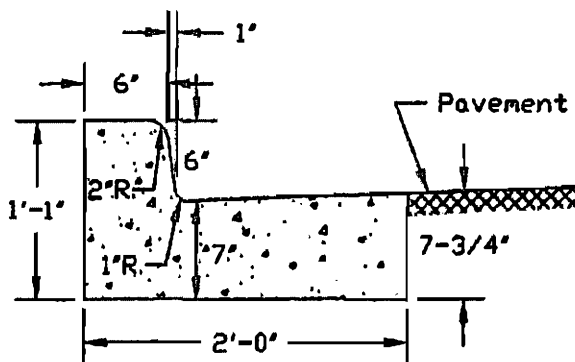
DETAIL E-1

Pipe Trench Backfill Details
No Scale (Rev. Date 09/03/03)



Sawed Contraction Joint

6" CONCRETE CURB



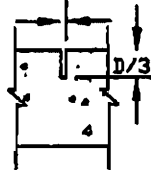
Sawed Contraction Joint

6" COMBINED CURB and GUTTER

NOTES:

- 1.) Formed or sawed contraction joints will be placed on 10' centers (Max.)
- 2.) Where sidewalk and curb are adjacent, sawed contraction joints will be placed in the curb at every other sidewalk joint.
- 3.) All exposed edges shall be rounded with a 1/4' radius tool.
- 4.) Concrete for curb or curb & gutter shall be 3500 psi concrete.

1/8" min, 1/4" max.



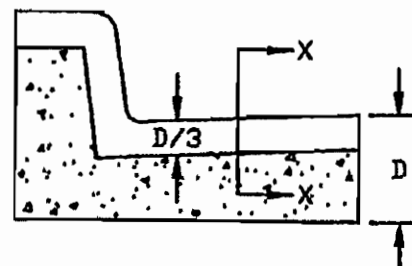
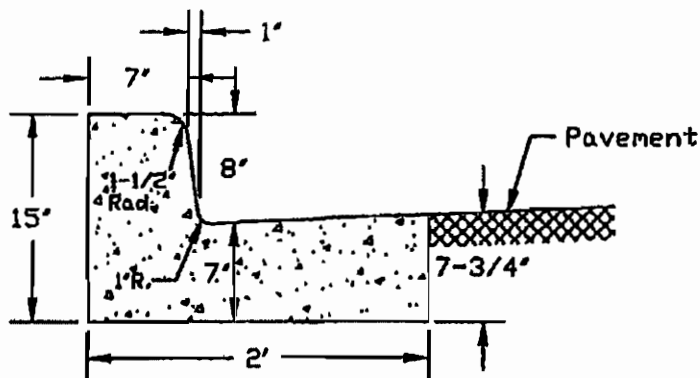
Section X-X

CONTRACTION JOINT

- 5.) Subgrade for curb or curb & gutter shall be a minimum of 2" thick of either 'B' Borrow or No. 53 crushed stone and mechanically compacted.
- 6.) The cost of the curb or curb & gutter shall include all of the above items.

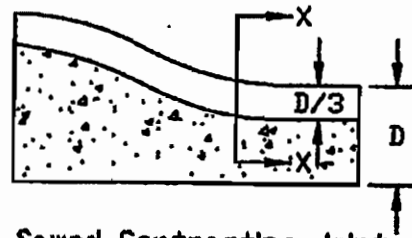
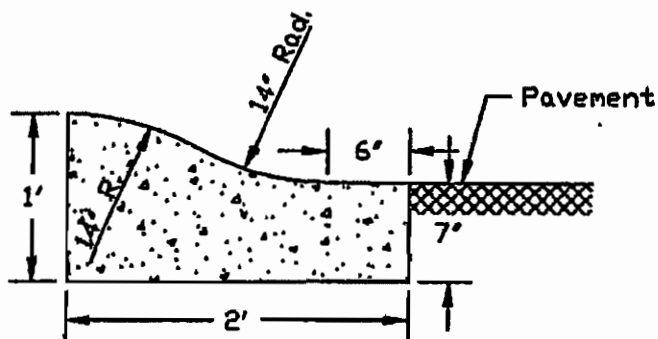
DETAIL D-1

6" Curb, 6" Combined Curb & Gutter and Contraction Joint
Scale 1"=1' (Rev. Date 10/31/97)



Sawed Contraction Joint

8' COMBINED CURB and GUTTER



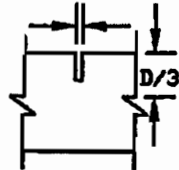
Sawed Contraction Joint

ROLL CURB and GUTTER

NOTES:

- 1.) Formed or sawed contraction joints will be placed on 10' centers (Max.).
- 2.) Where sidewalk and curb are adjacent, sawed contraction joints will be placed in the curb at every other sidewalk joint.
- 3.) All exposed edges shall be rounded with a 1/4' radius tool.
- 4.) For concrete pavements with integral curb & gutter, sawed construction joints shall be at the same location as pavement joints.
- 5.) Concrete for curb & gutter shall be 3500 psi concrete.

1/8" min, 1/4" max.



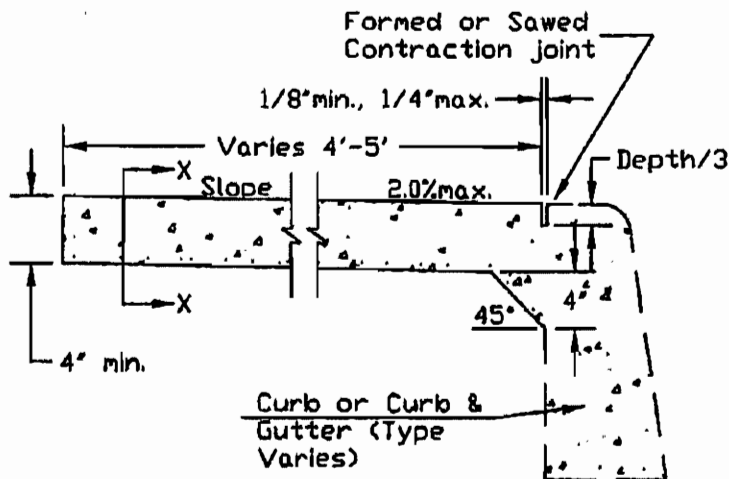
Section X-X

CONTRACTION JOINT

- 6.) Subgrade for curb & gutter shall be a minimum of 2' thick of either 'B' Borrow or No. 53 crushed stone and mechanically compacted.
- 7.) The cost of the curb & gutter shall include all of the above items.

DETAIL D-2

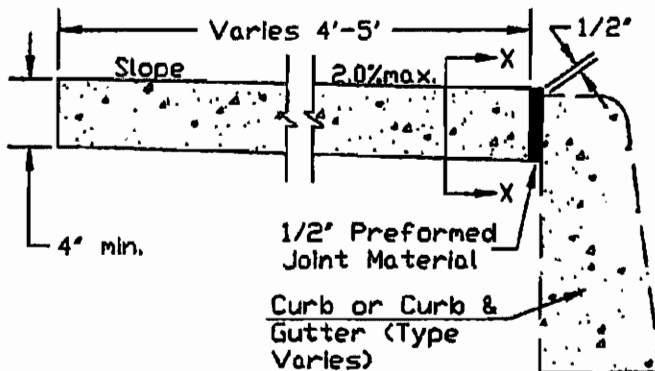
' Combined Curb & Gutter, Roll Curb & Gutter
and Contraction Joint
Scale 1"=1' (Rev. Date 10/31/97)



NOTES:

- 1.) All sidewalk edges and formed joints shall be rounded with 1/4" radius tool.
- 2.) Concrete for sidewalk shall be 3500 psi concrete.
- 3.) Subgrade for sidewalk shall be a minimum of 2" thick of either "B" Borrow or No. 53 crushed stone and mechanically compacted.
- 4.) The cost of the sidewalk shall include all of the above items.

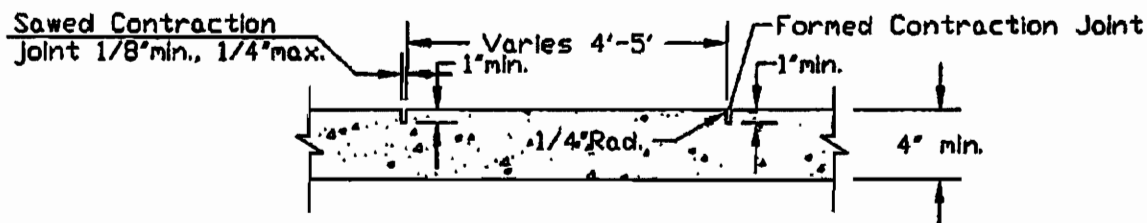
MONOLITHIC CURB & SIDEWALK



NOTES:

- 1.) All sidewalk edges and formed joints shall be rounded with 1/4" radius tool.
- 2.) Concrete for sidewalk shall be 3500 psi concrete.
- 3.) Subgrade for sidewalk shall be a minimum of 2" thick of either "B" Borrow or No. 53 crushed stone and mechanically compacted.
- 4.) The cost of the sidewalk shall include all of the above items.

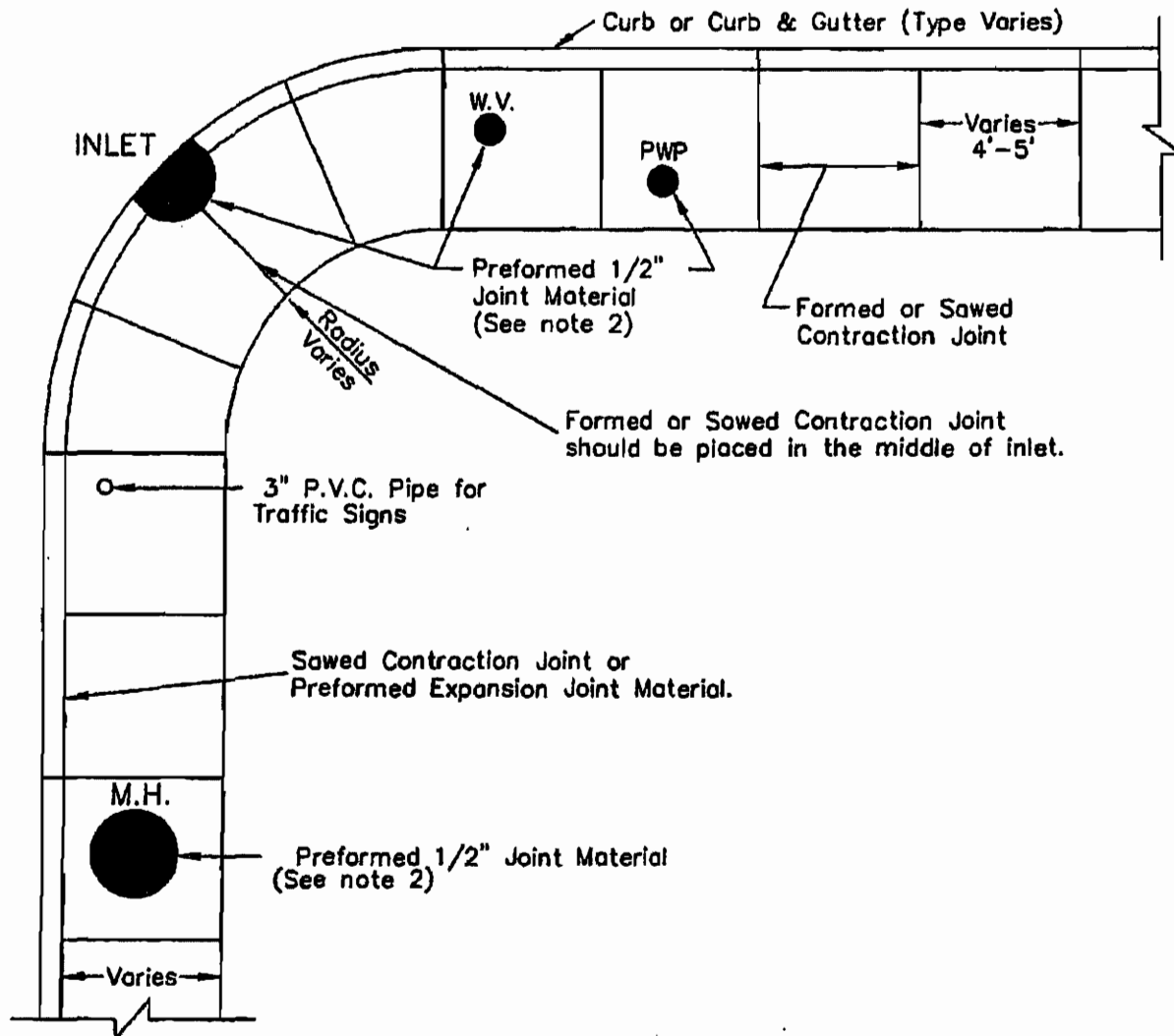
SIDEWALK SEPARATE FROM CURB



CONTRACTION JOINTS

DETAIL D-3

Sidewalk, Monolithic and Separate
Scale 1"=1' (Rev. Date 10/31/97)



Notes:

- 1.) Expansion joints should be placed a max. of 48" on center, using 1/2" preformed joint filler material, for curbs and sidewalks.
- 2.) Preformed 1/2" joint filler material shall be placed around all manholes, utilities, and between the sidewalk and any fixed structures.
- 3.) Concrete for sidewalk shall be 3500 psi concrete.
- 4.) Elastomeric sealant shall be used on joints containing 1/2" joint filler material.
- 5.) Maximum cross slope on sidewalk shall be 2%.
- 6.) The cost of the sidewalk shall include all of the above items.
- 7.) Where site infeasibility precludes construction to standard sidewalk width, such width may be decreased to a minimum of 3'-0" (e.g. Obstructions such as utilities, trees, etc.).

DETAIL D-4

Miscellaneous Sidewalk and Curb Details
Scale 1/4"=1' (Rev. Date 4/03/07)

SERVICE LINE INSTALLATION AGREEMENT

Between

EVANSVILLE WATER AND SEWER UTILITY

And

BMB, Inc.

Accepted by: _____

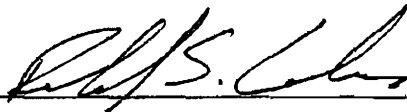


Title: _____

On behalf of the Evansville Water and Sewer Utility

Date: _____

Accepted by: _____



Title: _____

V.P.

On behalf of BMB, Inc.

Date: _____

9-27-11

EVANSVILLE (INDIANA) MUNICIPAL WATERWORKS DISTRICT

APPENDIX B

Connection Charge

(Tap-in Fee)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	TOTAL	Price per service	total cost	size installed totals	size cost total	Average cost per size
NSU(S)	3	1	2	2	5	7	4	8	3	11	4	6	56	\$990.00	\$55,440.00			
NSU(SS)	1						1			1		1	4	\$2,240.00	\$8,960.00			
NSU(L)	7	5	4	1	6	7	7	3	1	10	4	4	59	\$1,395.00	\$82,305.00			
NSU(LS)	4					2	3	1		2	1		13	\$2,645.00	\$34,385.00	132	\$181,090.00	\$1,371.89 for 3/4"
NSU1(S)	1	1	1	1	2		2	2	3	1		1	15	\$1,040.00	\$15,600.00			
NSU1(SS)							1			2			3	\$2,290.00	\$6,870.00			
NSU1(L)	2	1	1			1	2	3	1	2			13	\$1,495.00	\$19,435.00			
NSU1(LS)												1	1	\$2,745.00	\$2,745.00	32	\$44,650.00	\$1,395.31 for 1"
Total New Services Installed	18	8	8	4	13	17	20	17	8	29	9	13	164					
3/4" Meter Cost	\$173.00																	
1" Meter Cost	\$200.00																	

Administrative Costs involved with connection charge

	Hours	Wage Rate	
Clerk downtown that administers application to customer	20 min 0.33	\$23.25	\$7.67 (\$15 per hour + 55% fringes)
Clerk at Allens Lane that receives order from downtown, enters the work order, and then sends the order to a contractor for installation	5 min 0.083	\$25.69	\$2.13 (\$16.575 per hour + 55% fringes)
Clerk at Allens Lane that receives completed paperwork from contractor, enters it into the computer system, and files paperwork	10 min 0.167	\$25.69	\$4.29
TOTAL ADMIN COSTS OF NEW SERVICES			\$14.10

	3/4"	1"
Installation Cost	\$1,371.89	\$1,395.31
Meter Cost	\$173.00	\$200.00
Admin Cost	\$14.10	\$14.10
TOTAL CONNECTION CHARGE	\$1,558.99	\$1,609.41
Proposed Connection Charge	\$1,550.00	\$1,600.00

EVANSVILLE (INDIANA) MUNICIPAL WATERWORKS DISTRICT

APPENDIX C

 **Jeff Cunningham**
Territory Manager

3990 E. Co Rd 100 North
Paoli, IN 47454 USA

T: 812-723-0863
F: 812-732-0867
jeff.cunningham@sensus.com
www.sensus.com



January 27, 2011

Evansville Water & Sewer Utility

Sensus Price Schedule:

Positive Displacement Meters

SRII 5/8 x 3/4" TR-PL meter	\$62.00
SRII 3/4" TR-PL meter	\$73.00
SRII 1" TR-PL meter	\$100.00

5/8 x 3/4" SRII meter pricing based on quantities of 2000 or less in CY2011.

<u>OMNI C&I Meters</u>	<u>T2 Series</u>	<u>C2 Series</u>	<u>F2 Series FireLine</u>
1.5 inch	\$539.14	\$787.80	
2 inch	\$639.49	\$909.00	
3 inch	\$796.91	\$1151.40	
4inch	\$1551.41	\$1999.80	\$4757.71
6 inch	\$2793.05	\$3454.20	\$6332.09

Jeff Cunningham
Territory Manager

3990 E. Co Rd 100 North
Paoli, IN 47454 USA

T: 812-723-0863
F: 812-732-0867
jeff.cunningham@sensus.com
www.sensus.com



October 7, 2010

Roger Johnson

Evansville Water & Sewer Utility

1931 Allens Lane

Evansville, IN 47720

Roger,

Following our discussion of RadioRead options, we would like to present the following price schedule.

1. Upgrade existing Sensus Handheld units to current model 5501.....\$3750.00 each.

This includes the Command Link and GPS Module that are required to program and read the M2 RadioRead SmartPoints.

2. SmartPoints:

520M Units (for pit installations)-

	<u>Single Port</u>	<u>Dual Port</u>
Standard Model	\$100.00	\$115.00
Hourly Read & Leak Detection	\$106.00	\$121.00

510M Units (for indoor/outdoor non-pit installations)-

	<u>Single Port</u>	<u>Dual Port</u>
Standard Model	\$90.00	\$105.00
Hourly Read and Leak Detection	\$96.00	\$111.00

All units may be read in standard "route" mode with a handheld or vehicle unit. The hourly reading data may be read using the handheld or vehicle unit.

All of the M2 SmartPoints are migrateable from walk-by/drive-by mode to fixed base with the FlexNet System. When (and if) a utility installs a FlexNet base station, a programming signal is transmitted to the installed SmartPoints and they begin to communicate to the network. No site visits or additional programming is required.

Data sheets for the above material are attached.

No software changes are required to the City's current Sensus AutoRead software.

The above pricing is effect through 12/31/2011

We appreciate the opportunity to be of service and look forward to further discussion of solutions that can assist the City in operations and customer service.

Respectfully,

Jeff Cunningham

EVANSVILLE (INDIANA) MUNICIPAL WATERWORKS DISTRICT

APPENDIX D

March 8, 2012 Hydrant Quote from Neptune Meters

Neptune Fire Hydrant Meters

w/ NST couplings \$ 690.00 \$ ET2B

w/o NST couplings \$ 605.00 \$ ET2B

Note: Fire Hydrant coupling assembly with strainer add \$15.00

Note: Fire Hydrant assembly with check valve, add \$138.00

Note: Fire Hydrant assembly with check valve and SS Strainer, add \$152.00

Note: Fire Hydrant assembly less 2" Gate Valve, subtract \$82.40

Thanks,

Craig Adams

Neptune Technology Group

Territory Manager

630/677/0831

EVANSVILLE (INDIANA) MUNICIPAL WATERWORKS DISTRICT

APPENDIX E

CITY OF EVANSVILLE, INDIANA

Page 1 of 4

SCHEDULE OF WATER RATES AND CHARGES – PHASE III

(Pursuant to IURC Order in Cause No. 43190 Approved September 26, 2007.)

(A) Monthly Service Charge

Each user shall pay a monthly service charge in accordance with the following applicable size of meter installed.

<u>Meter Size</u>	<u>Per Month</u>
5/8 – 3/4 inch meter	\$3.22
1 inch meter	3.84
1 ¼ inch meter	4.24
1 ½ inch meter	4.53
2 inch meter	6.20
3 inch meter	18.82
4 inch meter	23.49
6 inch meter	34.39
8 inch meter	46.84
10 inch meter	60.81

(B) Volume Charge – Residential, Commercial, and Industrial

In addition to the monthly service charge set forth above, each Residential, Commercial, and Industrial user will pay a monthly usage charge according to the following schedule:

<u>Consumption per Month</u>	<u>Rate Per 1,000 Gallons</u>
First 20,000 gallons	\$2.24
Next 280,000 gallons	1.74
Next 700,000 gallons	1.58
Next 2,000,000 gallons	1.39
Over 3,000,000 gallons	1.05

CITY OF EVANSVILLE, INDIANA

Page 2 of 4

SCHEDULE OF WATER RATES AND CHARGES – PHASE III

(Pursuant to IURC Order in Cause No. 43190 Approved September 26, 2007.)

(C) Fire Protection Service

Monthly Surcharge for fire protection

Inside City Limits:		<u>Per Month</u>
5/8	inch	\$1.76
1	inch	2.47
1 ½	inch	3.18
2	inch	5.11
3	inch	19.38
4	inch	24.66
6	inch	36.99

Outside City Limits:

5/8	inch	\$3.53
1	inch	4.94
1 ½	inch	5.89
2	inch	10.23
3	inch	38.81
4	inch	49.39
6	inch	74.09

Private connections, each:

1	inch connection	\$2.75
2	inch connection	15.27
3	inch connection	42.23
4	inch connection	86.53
6	inch connection	238.29
8	inch connection	489.29
10	inch connection	854.61
12	inch connection	1,348.19

CITY OF EVANSVILLE, INDIANA

Page 3 of 4

SCHEDULE OF WATER RATES AND CHARGES – PHASE III

(Pursuant to IURC Order in Cause No. 43190 Approved September 26, 2007.)

(D) Connection Charge

Each user at the time of connection with the waterworks system shall pay a charge to cover the costs of: excavating and tapping the main; furnishing and installing service pipe from the main to the lot line; furnishing and installing saddle and stop box and furnishing the meter. The charge for a ¾ inch meter shall be \$1,550.00. The charge for the 1 inch meter shall be \$1,600.00. The charge for a tap larger than the 1 inch meter shall be the actual cost of labor, materials, power machinery, transportation, and overhead incurred for installing the tap, but shall not be less than the charge for a 1 inch meter.

(E) Customer Meter Deposit

Residential Meter	\$30.00
Commercial/Industrial Meter	45.00

(F) Front Footage Charge

Each user at the time of connection to the waterworks system shall pay a charge to cover the cost of the installation of the water main and appurtenances that supply the water to the address. A maximum of 300 feet of front footage will be charged per address.

Front footage charge	\$26.00 per lineal foot as per deeded plat
----------------------	--

(G) Split Service Fee \$200.00(H) Developer Installed Service Charge

¾ inch meter	\$200.00
1 inch meter	230.00

(I) Temporary Fire Hydrant Meter Fee

Each applicant requesting the use of a temporary fire hydrant meter shall pay the following amount as a deposit to cover the cost of the hydrant meter in the event is lost or damaged while in the possession of the applicant. In the event the meter is lost or stolen, the entire deposit shall be forfeited. In the event of damage to the hydrant meter, the actual cost of repairs to the meter shall be subtracted from the deposit and the remainder will be refunded to the applicant after satisfactory repairs have been made. Upon the safe return of the meter without damage, the full amount of the deposit shall be returned to the applicant.

CITY OF EVANSVILLE, INDIANA

Page 4 of 4

SCHEDULE OF WATER RATES AND CHARGES – PHASE III

(Pursuant to IURC Order in Cause No. 43190 Approved September 26, 2007.)

(I) Temporary Fire Hydrant Meter Fee (Cont'd)

Customer must maintain the full amount of deposit in their account at all times or return the meter. Water usage shall be billed at the appropriate rate separate from the deposit.

Temporary Fire Hydrant Meter Deposit-1"	\$500
Temporary Fire Hydrant Meter Deposit-2" & larger	1,000

Each applicant shall bring the temporary fire hydrant meter into the meter department on or before the 15th of each month so the actual usage can be read. The penalty for failure to comply with this requirement will be as follows:

First offense - loss of 10% of deposit
 Second offense - loss of 25% of deposit
 Third or greater offense - loss of 50% of deposit

(J) Bad Check Charge \$23.00

(K) Reconnection Charge \$45.00

(L) Non-Payment Without Disconnect Charge \$30.00

(M) Unauthorized Use of Fire Hydrant

Anyone caught using a fire hydrant without authorization is subject to the following fee. This fee is assessed due to the unknown amount of water used during the time of unauthorized usage as well as the administrative costs involved with verifying, and prosecuting the unauthorized usage.

Unauthorized use of Fire Hydrant	\$500 + actual cost of repairs to hydrant due to improper use
----------------------------------	---

(N) Collection or Deferred Payment Charge

All bills for water service not paid before the due date as stated on such bills shall be subject to the collection or deferred payment charge of 10 percent of that part of the delinquent amount which does not exceed \$3.00 plus 3 percent of any delinquent amount in excess of \$3.00.