

City of Wichita

Form UI-549 12-80

WICHITA WATER DEPARTMENT
PROJECT COMPLETION NOTICE

Total Estimated cost \$ 3,100.00

Completed Cost \$ 3,431.37

587 80 925 81366 000 000 001

W.O. _____

Retirement W.O. _____

DESCRIPTIVE TITLE: Maize Road & 13th Street - Stub 12-inch main and relocate fire hydrant

Date Field Work Started	Date Field Work Completed	Date Work Was Placed In Service	Tax District
<u>August 11, 1982</u>	<u>August 12, 1982</u>	_____	IS _____

COMMENTS: General conditions affecting cost or character of work, results of tests (if any), changes from original plan, with full description and reasons for change. Explanation of difference, if any, between estimated and actual costs. Reference to agreement for contributions, or refundable deposits, if any, and statement of amount of contribution or deposit actually received, with explanation for any difference from agreement provisions.

To record the cost of work performed and material furnished to tap the 12-inch main in 13th Street, S.E.C. of Maize Road and stub approximately 42 feet of 12-inch pipe in Maize Road (-001) and (-002) relocate fire hydrant #5262, S.E.C. of 13th and Maize Road to clear new paving.

This work was paid for by the Water Department.

589 00 000 10440 138 000 000
589 00 000 10450 180 000 000

\$ 2,573.46
857.91

\$ 3,431.37

FOR ACCOUNTING OFFICE USE ONLY

Costs incurred under this Work Order, aggregating \$ 3,431.37 charged as of January 20, 1983

to Account No. See Above By JV 613061

COST ANALYSIS FOR CUSTOMER REFUND

REFUND \$ _____

A. Estimated cost to customer.....\$ _____

B. Department tap deduction..... _____

C. Customer's deposit..... _____

D. Customer's actual cost..... _____

E. Less dept. tap deduction (D-B)..... _____

F. Over deposit to be refunded (C-E)..... _____

DEPARTMENT AUTHORIZATION

Prepared by	Date
<u>Bethel D Anderson</u>	<u>1/25/83</u>
Accountant <u>Beverly Anderson</u>	<u>1/25/83</u>
Division Head <u>[Signature]</u>	<u>1-31-83</u>
Chief Engr. - Water Eng. <u>[Signature]</u>	<u>1-31-83</u>
Director <u>[Signature]</u>	<u>2/1/83</u>

COMPARATIVE COST ANALYSIS

Form UI-540 12-80

Date _____

Location Maize Road south from 13th Street 587 80 925 81366 000 000 001
stub 12" main

ITEMS	COST		DIFFERENCE
	ESTIMATED	ACTUAL	
Type & Size of Pipe			
Lineal Feet of Pipe			
Material	\$ 1,397.25	\$ 1,351.38	\$ (45.87)
Sand	36.00	91.78	55.78
Labor	409.20	603.64	194.44
Indirect Labor	159.59	150.21	(9.38)
Ditcher			
Equipment Rental	132.00	200.00	68.00
Transportation	47.96	76.85	28.89
Concrete Blocking	15.00		(15.00)
	\$ 2,197.00	\$ 2,473.86	\$ 276.86
Omissions & Contingencies 5%	109.85		(109.85)
	\$ 2,306.85	\$ 2,473.86	\$ 167.01
Overhead	81.84	99.60	17.76
Total	\$ 2,388.69	\$ 2,573.46	\$ 184.77
Cost Per Foot	\$	\$	\$

WICHITA WATER DEPT.

MATERIAL REQUISITION

PH. 268-4346

FORM UI-588-R-10-77

W.O. OR ACCT. NO.

Description of Work 587 80 925 81366.000 000 001

Location of Work SE Cor 13^{1/2} & Maize Rd.

Utility Supervisor McClurg Date 8-10 1982

NO.	SIZE	DESCRIPTION	
1	12" x 12"	CI tapping sleeve	# 350.17
1	12"	Muelter tapping valve	491.26
1	6"	valve box, complete	39.76
2'	12"	CI pipe	13.08
1	12"	M ¹ 20° bend	89.33
2	12"	PT adaptor	61.06
39'	12"	AC pipe	290.16
1	12"	M ¹ cap tapped 0"	33.32
1	2" x 6"	Galv. nipple	1.25
1	2"	FPT valve	57.98
1	2"	Galv. st. ell	1.82
6'	2"	Galv. pipe	4.50
1	2"	Galv. elpg.	1.42
1	2"	" plug	1.20
200	lb.	lead	# 66.00
			# 1502 31

Issued By

[Signature]

Rec'd By

[Signature]

No. **50435**

UARCO Business Forms

11/30/82 - \$2,473.86
 9/30/82 - \$2,473.86 PR \$ 603.64

CITY OF WICHITA WATER DEPARTMENT

587 80 925 81366 000 000 001

Form UI-550 12-80

WORK ORDER COST ANALYSIS

Acct. No. 589 00 000 10440 138 000 000

DATE	REFERENCE	ITEM	MATERIAL	INSTALLATION COST	INDIRECT COST	TOTAL
7-30-82	601682	Payroll				
7-30-82	604682	Employee Benefits		50.65		
8-13-82	601782	Payroll			12.94	
8-13-82	604782	Employee Benefits		552.99		
8-20-82	612209	Equipment Rental			137.27	
8-24-82	612210	Transportation Expense		200.00		
8-30-82	612226	Stock "E" Issue		76.85		
8-30-82	612227	Material Returned to Stock	1,534.67			
9-29-82	CPV 419383	Fill Sand	(183.29)			
				91.78		2,473.86
1-20-83	JV 613001	1932 Overhead				
					99.60	2,573.46
		Totals	1,351.38	972.27	249.81	2,573.46

WICHITA WATER DEPT.

MATERIAL REQUISITION

PH. 268-4348

W.O. OR ACCT. NO.

FORM UI-508-R-10-77

Description of Work

13th & Maize Rd. SECOR

Location of Work

587 80 925 81366000 000 000

Utility Supervisor

McClurg

Date

8-10-82

NO.

SIZE

DESCRIPTION

64.40

10'

6"

CJ pipe

1

6"

M-J 45° bend

50.13

114.53

Issued By

[Signature]

Rec'd By

[Signature]

No.

50434

UARC Business Forms

11/30/82 - \$ 790.81

9/30/82 - \$ 790.81 PR =\$406.64

CITY OF WICHITA WATER DEPARTMENT

587 80 925 81366 000 000 002

WORK ORDER COST ANALYSIS

Acct. No. 589 00 000 10450 180 000 000

Form UI-550 12-80

DATE	REFERENCE	ITEM	MATERIAL	INSTALLATION COST	INDIRECT COST	TOTAL
7-30-82	601682	Payroll		37.99		
7-30-82	604682	Employee Benefits			9.71	
8-13-82	601782	Payroll		368.65		
8-13-82	604782	Employee Benefits			91.50	
8-20-82	612209	Equipment Rental		128.00		
8-24-82	612210	Transportation Expense		27.55		
8-30-82	612226	Stock "E" Issue	127.41			790.81
1-20-83	JV 613001	1982 Overhead			67.10	857.91
		Totals	127.41	562.19	168.31	857.91

**City of Wichita
WICHITA WATER DEPARTMENT
AUTHORIZATION FOR CAPITAL EXPENDITURE**

Work Order No. 925-81366

**FOR PROPERTY ADDITIONS
AND IMPROVEMENTS**

Appropriation No. 1044-138
1045-180

DATE OF REQUEST _____

ESTIMATED DATE OF INITIATION _____

DESCRIPTIVE TITLE: Maize Rd. & 13th St., stub 12-inch main and relocate fire hydrant.

PURPOSE: Give complete explanation. If contribution or refundable deposit toward the cost is to be obtained, state amount thereof, from whom it will be received. If State regulations, municipal contracts or departmental rules are involved, state extent.

To cover the cost of tapping the 12-inch main in 13th St., S.E.C. of Maize Rd. and "stubbing" approximately 42' of 12-inch pipe south in Maize Rd. (-001), and relocating fire hydrant #5262, S.E.C. 13th and Maize Rd. to clear new paving.

NOTE: Paving of the intersection of 13th and Maize Rd. will be the last phase of the paving project.

SUMMARY OF COSTS

A. Total Estimated Cost (See reverse side) \$ 3,100.29
 B. Total Estimated Cost to Customer \$ -0-
 C. Required Deposit from Customer \$ _____
 D. % of Overcharge to be Refunded _____

Does the proposed work replace any
 Department owned property? No
 If yes, what number is assigned to the
 related Retirement Order GETR _____

INITIAL RETURN ON INVESTMENT

1. Est. Cost to Water Department for Water
 Main (A - B) \$ _____
 2. _____ Install. Comp. @ \$ _____ = _____
 _____ Install. Comp. @ \$ _____ = _____
 _____ Install. Comp. @ \$ _____ = _____
 Total _____ \$ _____
 3. Total Investment by Water Department
 (1 + 2) \$ _____
 4. Anticipated Annual Revenue
 No. Customers - Size Meter - Est. Gross
 Annual Revenue
 _____ @ \$ _____ = _____
 _____ @ \$ _____ = _____
 _____ @ \$ _____ = _____
 Total _____ \$ _____
 5. Annual Maint. & Operating Expenses
 Incurred (____% of A) \$ _____
 6. Net Income Available for Return (4-5) \$ _____
 7. Rate of Return - Item (6+3) x 100% _____%

PREPARATION AND APPROVAL

	DATE
Prepared by <u>R.A. McClintock</u>	<u>7/20/82</u>
Accountant <u>Beverly J. Jensen</u>	<u>7/24/82</u>
Division Head <u>[Signature]</u>	<u>8-2-82</u>
Chief Engineer <u>[Signature]</u>	<u>7/29/82</u>

	DATE
<u>[Signature]</u> Director	<u>7/20/82</u>
<u>[Signature]</u> Budget Approval	<u>8/1</u>
<u>[Signature]</u> City Manager	<u>5/1/82</u>

DESCRIPTIVE TITLE: Maize Rd. So. from 13th St. - Stub 12" Main

925-81366-000-000-001

ESTIMATE OF COST

ACCOUNT NUMBER	Units	DESCRIPTION AND CLASSIFICATION: Show below sufficient information to arrive at a reasonably accurate estimate of the cost of placing the contemplated work in final condition	Customer Cost	Dept. Cost
	1	12" x 12" Tapping sleeve		\$ 291.63
	1	12" Tapping valve		491.26
	1	6" Valve box		40.75
	2'	6" C.I. C.L. pipe	@ \$ 6.80	13.60
	1	12" M.J. 22 1/2" bend		89.32
	1	12" R.T.-C.I. Adaptor		30.53
	39'	12" A.C. pipe	@ \$ 7.44	290.16
	1	2" Blowoff assembly		150.00
				<u>\$1,397.25</u>
	12	Ton sand	@ \$ 3.00	\$ 36.00
	1	Cu. yd. concrete blocking	@ \$15.00	15.00
		Labor		\$ 568.79
		Engineering 4 m.h. @ 10.54 =	\$ 42.16	
		Foreman 8 m.h. @ 9.94 =	79.52	
		Utility III 8 m.h. @ 7.38 =	59.04	
		Utility I 16 m.h. @ 6.71 =	107.36	
		Hydra-lift, Hi-loader, Backhoe (Operators)		
		Utility III 8 m.h. @ 7.38 =	59.04	
		Equip. Opr. II 8 m.h. @ 7.76 =	62.08	
		Sub-Total	\$409.20	
		39%	159.59	
		Total	\$568.79	
		Equipment Rental		\$ 132.00
		Hydra-lift 8 hrs. @ 8.00 =	\$ 64.00	
		Backhoe 8 hrs. @ 8.00 =	64.00	
		Compressor 1 hrs. @ 4.00 =	4.00	
			\$132.00	
		Transportation		\$ 47.96
SUB - TOTAL				\$2,197.00
		Omissions & Contingencies 5 %		109.85
		DIRECT COST		\$2,306.85
		Overhead 20 % \$ 409.20		81.84
		TOTAL ESTIMATED COST		<u>\$2,388.69</u>

ADDITION

UTIONI
S LINE

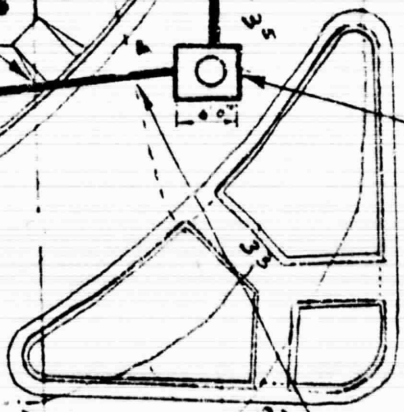
IRON 0-794
75 L

ST STA. 0+71, 52 FT LEFT; STA. 2+32:
REINFORCED CONCRETE MANHOLE
0", L = 6'-0", H = 8'-0"; TOP EL 158.25.

925-81366
RELOCATE
F.H.
(6002)

TENTH
ADDITION

UTILITY EASEMENT



CAUTION! UNDER-
GROUND CABLE

MAIZE

Exist.
Asphalt
Mat Pav.

ROAD

925-81366
(6001)

STUBS

Ball Tel. Manhole

Ball Tel. Manhole

6" Ferro Main

Power Pole

40' R/W

75' R/W

13M

IRON 5-32
0-794

