

MUNICIPAL AGREEMENT AMENDMENT NO. 81

Wisconsin Department of Transportation

2008 S.84.09(1) Wis. Stats.

Utility Project ID Number 1030-21-48	County Milwaukee	UA Number 518
Road Name I-94 N/S Freeway – College Av to Howard Av – Collector Distributor Rds / Layton IC (1030-20-72)		Highway IH 43/94/894
Utility name City of Milwaukee – Cable		

The agreement in effect between the above named Utility and the State of Wisconsin, Department of Transportation, Division of Transportation Infrastructure Development for the performance of certain work on the above project shall be changed in the following particulars. The acceptance of this amendment by the Utility and its approval by the Wisconsin Department of Transportation shall constitute a mutual agreement as part of the original agreement binding upon both parties in the same manner as though the essence of the amendment had originally been in the agreement.

Reason for Amendment:

This Municipal Agreement Amendment No. 81 is to add the cost of removal and reinstallation of City cable facilities at S. 20th Street as necessary for the reconstruction of the I-94 North-South Freeway. The original Municipal Agreement for this Parcel was executed under the contract for South 27th Street (1030-20-70).

Change to Current Agreement

ITEM	EXPLANATION	COST (+/-)
City Cable facilities.	Addition of relocations, reconstructions and adjustments of City Cable facilities as necessary for the reconstruction of South 20 th Street area of the I-94 North-South Freeway.	+ \$ 80,000.00

Net increase/decrease in agreement: \$ 80,000.00 increase.

The parties have caused this Agreement to be executed by their proper officers and representatives on the date shown.

Wisconsin Department of Transportation
Division of Transportation Infrastructure Development

(Municipal Utility) (Date)

X _____
(Administrator) (Date)

X _____
(Signature) (Date)

(Title) (Date)

X _____
(Governor of Wisconsin) (Date)

X _____
(Signature) (Date)

(Title) (Date)

X _____
(Signature) (Date)

(Title) (Date)

UTILITY WORKSHEET

DT2236 6/2008 s.84.063 Wis. Stats.

Wisconsin Department of Transportation

Utility Company Name City of Milwaukee - Cable	PLEASE RETURN THIS WORKSHEET BY July 9th, 2009
Project Description – Include Project ID, Title, Limits, Highway, County North-South Freeway Reconstruction IH 94 / IH 43 / IH 894 Mitchell Interchange - College Ave. to Howard Ave. Milwaukee County Design Project ID 1030-20-00 Construction Project ID 1030-20-72	RETURN TO Mr. Kevin Cornell, PE, RLS Milwaukee Transportation Partners, LLC 141 NW Barstow Street PO Box 798 Waukesha, WI 53187-0798

1.	<p>Describe your proposed relocation plan for the above project, as requested in the enclosed letter, using highway stationing whenever possible. Attach extra sheets if needed.</p> <p>College Avenue Overpass – Cabling through conduit attached to the College Avenue overpass will be relocated to new conduit to be installed in the Ramsey Avenue underpass from 20th St to 13th St. The cost of relocating approximately 0.5 miles of fiber will be \$20,000. The cost of relocating approximately 0.5 miles copper will be \$10,000.</p> <p>20th Street Overpass – Cabling through conduit attached to the 20th Street overpass will be relocated through existing conduit on Layton Avenue from 20th Street to 27th Street and Bolivar Avenue from 20th Street to 27th Street, as well as new conduit to be installed on the 27th Street overpass from Layton Avenue to Bolivar Avenue. The cost of relocating approximately 1.5 miles of fiber will be \$60,000. The cost of relocating approximately 1.0 miles copper will be \$20,000.</p> <p>Layton Avenue Overpass – Cabling through conduit attached to the Layton Avenue overpass will be relocated to through existing conduit on 20th Street from Layton Avenue to Ramsey Avenue and 13th Street Bolivar Avenue from Layton Avenue to Ramsey Avenue, as well as new conduit to be installed in the Ramsey Avenue underpass from 20th St to 13th St. The cost of relocating approximately 2.0 miles copper will be \$40,000.</p> <p>The total cost of the relocation plan is \$150,000. This is assuming work during summer months. Work during winter (when frost is still in the ground) will double the cost to \$300,000.</p>
2.	<p>Conflicting utility facilities will need to be relocated prior to construction. If this is not feasible, provide an explanation and an indication of what work will require coordination with the highway contractor during construction.</p> <p>It is feasible to relocate all facilities prior to construction.</p>
3.	<p>Anticipated Start Date Spring 2010</p>
4.	<p>Estimated construction time required (In working days) Relocations are estimated at 10 days per cable. Restoration is estimated at 10 days per cable. With 5 cables being relocated and restored, estimated construction time required is about 100 working days.</p>
5.	<p>List the approvals required and the expected time schedule to obtain those approvals.</p> <p>City of Milwaukee, Department of Public Works, Infrastructure Division, Central Drafting, Underground Conduits Engineering will coordinate any approvals required. Following completed conduit installation, cable reroutes will be performed prior to bridge takeouts or conduit realignments and subsequent restoration after bridge rebuilds.</p>

11.	Yes	No	
		X	Do you have any facilities that are no longer in use but have been left in place in the project area? If "Yes", approximately where are the facilities located and what type and size of facility is involved?
		X	Does the line have any remaining product?
		x	Does the line have any asbestos wrap or any other hazardous materials associated with it?
		x	Does any part of the line conflict directly with the proposed highway project? If so, what arrangements have been made to remove those portions? This should be mentioned as part of your work plan in question number 1 on this form.
		X	Is there any reason the highway contractor cannot remove portions of the line left in place?

If you answered "Yes" to any of the questions above, please attach additional pages.

Preparer Area Code – Telephone #, Ext. (414)286-3248	Preparer E-Mail Address david.henke@milwaukee.gov
	<i>David Henke</i>
	7/8/09
	(Name of Person Who Prepared this Worksheet) (If completed electronically, Brush Script Font)
	(Date)

NOTE: DOT will be sending to you a Trans 220 Work Plan Approval letter and a Start Work Notice after we complete the review of your Work Plan.

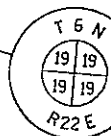
HWY	BASIS OF EXISTING R/W	YEAR	WIDTH
I-94, I-43	I-94-S131314	1962	VARIABLES
I-94, I-43	I-94-S141330	1962	VARIABLES
I-94, I-43	I-94-S141314	1962	VARIABLES
I-94, I-43	I-94-S151310	1963	VARIABLES
BOTTSFORD AVE.	BOLIVAR MANOR ADD'N. NO. 3	1957	60'
S. 16TH STREET	BOLIVAR MANOR ADD'N. NO. 2	1956	30'
S. 16TH STREET	BOLIVAR MANOR ADD'N. NO. 2	1956	30'
S. 20TH STREET	FONS & CO'S SUBD. NO. 20	1956	45'
S. 20TH STREET	VILLA MANN NO. 3	1955	45'

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICAL 3/4" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT BY WISCONSIN DOT SOUTHEAST REGION SURVEY.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

COORDINATES AND BEARINGS ON THE PLAT ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, MILWAUKEE COUNTY, NAD 1983 (1997) ADJUSTMENT. ALL DISTANCES ARE GROUND LENGTH AND ARE REFERENCED TO GPS MARK POINTS GREENDALE GPS AND FRANKLIN S. GPS.

I-94 REFERENCE LINE IS CENTERLINE OF MEDIAN.

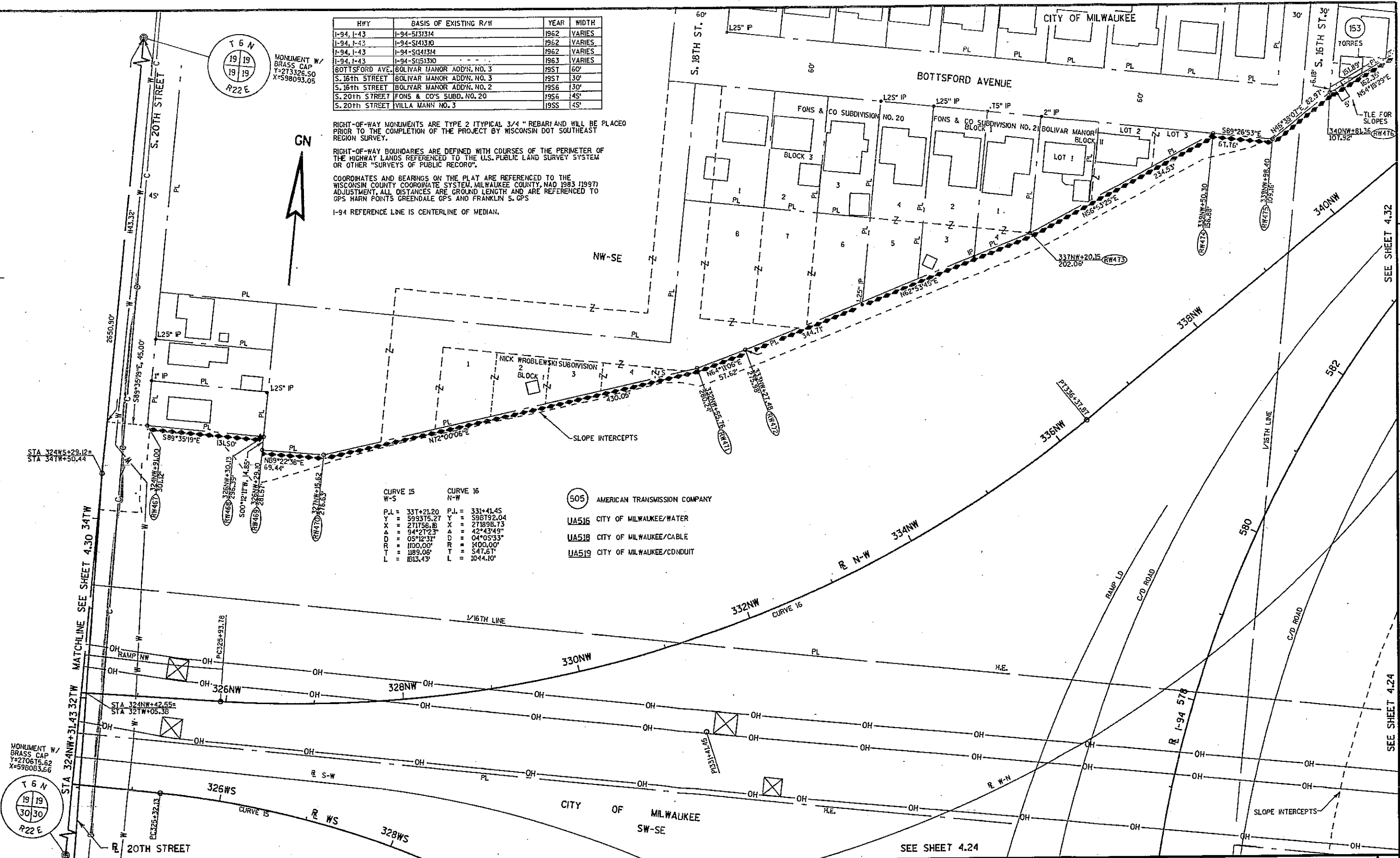


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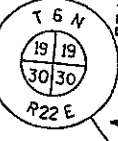
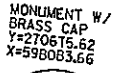
4

4



CURVE 15		CURVE 16	
W-S	N-W	W-S	N-W
P.L. = 337+21.20	P.L. = 331+41.45	P.L. = 337+21.20	P.L. = 331+41.45
Y = 599375.27	Y = 595792.04	Y = 599375.27	Y = 595792.04
X = 271758.88	X = 271896.73	X = 271758.88	X = 271896.73
Δ = 94°27'23"	Δ = 42°43'49"	Δ = 94°27'23"	Δ = 42°43'49"
DD = 05°12'31"	DD = 04°05'33"	DD = 05°12'31"	DD = 04°05'33"
DD = 100.00'	DD = 1400.00'	DD = 100.00'	DD = 1400.00'
T = 189.08'	T = 547.67'	T = 189.08'	T = 547.67'
L = 813.43'	L = 1044.10'	L = 813.43'	L = 1044.10'

- 505 AMERICAN TRANSMISSION COMPANY
- UA516 CITY OF MILWAUKEE/WATER
- UA518 CITY OF MILWAUKEE/CABLE
- UA519 CITY OF MILWAUKEE/CONDUIT



REVISION DATE JUNE 22, 2009 AUGUST 17, 2009 JANUARY XX, 2009	DATE FEB. 26, 2009	SCALE, FEET 0 50 100	HWY: I-94 COUNTY: MILWAUKEE	STATE R/W PROJECT NUMBER 1030-20-20 CONSTRUCTION PROJECT NUMBER 1030-20-70	PLAT SHEET 4.31 PS&E SHEET E
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UTILITY RELOCATIONS
 I-94 NORTH-SOUTH FREEWAY
 CITY OF MILWAUKEE UTILITY RELOCATIONS
 OCTOBER 16, 2009

1030-21-46 - CITY OF MILWAUKEE WATER

Project	Const. Year	Design - City	Design - MTP	Construction	Inspection	Field Services	Change Orders	Total	Funding	City Share	State Share	Required Relocation	Agreement / Amendment Amount	Amendment Number	Remarks
1030-21-71 Grange Avenue Water Main Relocation	2008	\$94,694.41	\$20,847.59	\$1,955,643.00	\$99,130.00	\$4,685.00		\$2,175,000.00	90/10	\$217,500.00	\$1,957,500.00	47 LF 54" WM @ Grange & I-94	\$2,175,000.00	Original Agreement	
1030-20-70 South 27th Street, Barnard to Bottsford	2009	\$216,804.75	\$16,380.25	\$938,000.00	\$99,130.00	\$4,685.00		\$1,275,000.00	90/10	\$127,500.00	\$1,147,500.00	526 LF 12" WM @ 27th Street & I-94	\$1,275,000.00	65	
1030-20-75 WB STH 119 (Airport Spur)	2009							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-20-77 Grange Avenue Overpass	2009							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-20-80 College Avenue Interchange	2009							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-21-74 Bolivar Avenue Realignment	2009	\$59,772.09	\$11,912.91	\$1,075,000.00	\$21,130.00	\$4,685.00		\$205,000.00	90/10	\$20,500.00	\$184,500.00	202 LF 16" WM @ Bolivar & 6th	\$205,000.00	66	
1030-21-78 2009 Advanced Utilities Contract	2009	\$448,752.62	\$34,249.62	\$1,801,000.00	\$144,830.00	\$16,167.76		\$2,415,000.00	90/10	\$241,500.00	\$2,173,500.00	726 LF 16" WM @ Layton & I-94, 368 LF 8" WM @ Mallory & I-94	\$2,415,000.00	67	
1030-20-78 2009 Advanced Utilities Contract	2009	\$145,824.42	\$14,891.14	\$501,000.00	\$46,900.00	\$6,384.44		\$715,000.00	90/10	\$71,500.00	\$643,500.00	Remove Mallory water main from AUC	\$715,000.00	73	
1030-20-71 Layton / NB Ramps / Collector Distributor / Walls	2010	\$75,242.73	\$40,950.63	\$601,600.00	\$31,400.00	\$30,806.64		\$780,000.00	90/10	\$78,000.00	\$702,000.00	Mallory, Whitaker N & S, Layton Hyd, 20th Phase I - 15th Place Hyd, Halsey (all per ee) in contract + MTP design + City CIP costs	\$780,000.00	75	
1030-10-73 Storm and Sanitary Sewer	2010							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-20-72 Mitchell Interchange / NB & SB Mainline	2011	\$74,228.43	\$49,140.77	\$1,053,000.00	\$16,143.40	\$7,517.40		\$1,200,000.00	90/10	\$120,000.00	\$1,080,000.00	16" WM relocation @ 20th St. & I-94; tunnel hydrants	\$1,200,000.00	80	
Subtotal		\$823,870.61	\$158,590.83	\$5,955,743.00	\$334,833.40	\$62,162.36	\$0.00	\$7,335,000.00		\$733,500.00	\$6,601,500.00		\$7,335,000.00		

1030-21-47 - CITY OF MILWAUKEE SEWER

Project	Const. Year	Design - City	Design - MTP	Construction	Inspection	Field Services	Change Orders	Total	Funding	City Share	State Share	Required Relocation	Agreement / Amendment Amount	Amendment Number	Remarks
1030-21-71 Grange Avenue Water Main Relocation	2008							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-20-70 South 27th Street, Barnard to Bottsford	2009							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-20-75 WB STH 119 (Airport Spur)	2009							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-20-77 Grange Avenue Overpass	2009	\$34,576.20	\$30,595.89	\$345,762.00	\$17,288.10	\$1,500.00		\$428,222.19	90/10	\$42,822.22	\$385,399.97	646 LF 8" SAN @ Grange & I-94 (agreement as sent to C.O.)	\$428,222.19	Original Agreement	
1030-20-80 College Avenue Interchange	2009							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-21-74 Bolivar Avenue Realignment	2009	\$11,697.90	\$16,754.89	\$116,979.00	\$5,848.95	\$0.00		\$151,280.74	90/10	\$15,128.07	\$136,152.67	179 LF 21" SAN @ Bolivar & 6th	\$151,280.74	89	
1030-21-78 2009 Advanced Utilities Contract	2009	\$28,497.20	\$26,953.53	\$284,972.00	\$14,248.60	\$0.00		\$354,671.33	90/10	\$35,467.13	\$319,204.20	363 LF 10" SAN @ Mallory & I-94	\$354,671.33	70	
1030-21-78 2009 Advanced Utilities Contract	2009	\$28,497.20	\$26,953.53	\$284,972.00	\$14,248.60	\$0.00		\$354,671.33	90/10	\$35,467.13	\$319,204.20	Remove Mallory sewer from AUC	\$354,671.33	74	
1030-20-71 Layton / NB Ramps / Collector Distributor / Walls	2010	\$26,868.50	\$26,953.53	\$268,865.00	\$13,434.25	\$0.00		\$335,941.28	90/10	\$33,594.13	\$302,347.15	Mallory sewer, Whitaker & 15th Pl. MH adjustments in contract (all per ee) + (15% city design and inspect) + MTP design	\$335,941.28	78	
1030-10-73 Airport Freeway Sanitary Sewer	2010	\$128,789.50	\$41,522.98	\$1,287,695.00	\$64,384.75	\$0.00		\$1,522,372.23	90/10	\$152,237.22	\$1,370,135.01	Relocation of 15" sanitary sewer at 21st Street, 1883 LF new sewer crossing at Louisiana in contract (per ee) + (15% city design) + MTP design	\$1,522,372.23	79	
1030-20-72 Mitchell Interchange / NB & SB Mainline	2011							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
Subtotal		\$201,912.10	\$115,827.29	\$2,019,121.00	\$100,958.05	\$0.00	\$0.00	\$2,437,818.44		\$243,781.64	\$2,194,036.80		\$2,437,818.44		
1030-20-77 Grange Avenue Overpass	2009	\$31,918.20	\$30,595.89	\$319,182.00	\$15,959.10	\$0.00		\$397,655.18	90/10	\$39,785.52	\$357,869.67	Cost estimate used to develop Amendment 88	\$397,655.18		

1030-21-48 - CITY OF MILWAUKEE CABLE

Project	Const. Year	Design - City	Design - MTP	Construction	Inspection	Field Services	Change Orders	Total	Funding	City Share	State Share	Required Relocation	Agreement / Amendment Amount	Amendment Number	Remarks
1030-21-71 Grange Avenue Water Main Relocation	2008							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-20-70 South 27th Street, Barnard to Bottsford	2009	\$19,000.00	\$0.00	\$380,000.00	\$9,500.00	\$0.00		\$408,500.00	90/10	\$40,850.00	\$367,650.00	20th St. to 27th St. fiber & copper temp install; 20th St. reinstall; remove 20th to 27th temp; winter construction	\$408,500.00	Original Agreement*	
1030-20-75 WB STH 119 (Airport Spur)	2009							\$0.00	90/10	\$0.00	\$0.00	No re-installation at this time	\$0.00		
1030-20-77 Grange Avenue Overpass	2009							\$0.00	90/10	\$0.00	\$0.00	College to Ramsey fiber & copper temp install; reinstall College; remove College to Ramsey temp; winter construction	\$193,500.00	Original Agreement*	
1030-20-80 College Avenue Interchange	2009	\$9,000.00	\$0.00	\$180,000.00	\$4,500.00	\$0.00		\$193,500.00	90/10	\$19,350.00	\$174,150.00	N/A	\$0.00		
1030-21-74 Bolivar Avenue Realignment	2009							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-21-78 2009 Advanced Utilities Contract	2009							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-20-71 Layton / NB Ramps / Collector Distributor / Walls	2010	\$6,086.96	\$0.00	\$60,889.56	\$3,043.48	\$0.00		\$70,000.00	90/10	\$7,000.00	\$63,000.00	Removal & reinstallation of copper & fiber at Layton and College per Layton workplan; assumed non-winter work	\$70,000.00	77	
1030-10-73 Storm and Sanitary Sewer	2010							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-20-72 Mitchell Interchange / NB & SB Mainline	2011	\$3,720.93	\$0.00	\$74,418.80	\$1,860.47	\$0.00		\$80,000.00	90/10	\$8,000.00	\$72,000.00	Removal & reinstallation of copper & fiber at 20th Street CD Road workplan; assumed non-winter work	\$80,000.00	81	
Subtotal		\$37,807.89	\$0.00	\$695,288.18	\$18,903.95	\$0.00	\$0.00	\$752,000.00		\$76,200.00	\$675,800.00		\$752,000.00		

UTILITY RELOCATIONS
 I-94 NORTH-SOUTH FREEWAY
 CITY OF MILWAUKEE UTILITY RELOCATIONS
 OCTOBER 16, 2009

Project	Const. Year	Design - City	Design - MTP	Construction	Inspection	Field Services	Change Orders	Total	Funding	City Share	State Share	Required Relocation	Agreement/ Amendment Amount	Amendment Number	Remarks
1030-21-71 Grange Avenue Water Main Relocation	2008							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-20-70 South 27th Street/Barnardo/Bottisford	2009	\$25,450.00	\$0.00	\$216,325.00	\$12,725.00	\$0.00		\$254,500.00	90/10	\$25,450.00	\$229,050.00	\$38,500 in contract on bridge	\$254,500.00		Original Agreement
1030-20-75 WB/STH 119 (Airport Spur)	2009							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-20-77 Grange Avenue Overpass	2009	\$67,500.00	\$0.00	\$57,375.00	\$3,375.00			\$67,500.00	10/100	\$67,500.00	\$0.00	Non-participating conduit \$67,500 @ Grange 20th St considered as betterment includes \$20,260 in contract on bridge	\$67,500.00		
1030-20-77 Grange Avenue Overpass	2009	\$67,500.00	\$0.00	\$57,375.00	\$3,375.00			\$67,500.00	10/100	\$67,500.00	\$0.00	Participation on non-participating conduit \$67,500 @ Grange 20th St considered as betterment includes \$20,260 in contract on bridge	\$67,500.00	1/2	
1030-20-80 College Avenue Interchange	2009	\$41,350.00	\$0.00	\$351,475.00	\$20,875.00	\$0.00		\$413,500.00	90/10	\$41,350.00	\$372,150.00	W College & Ramsey 18th to 20th includes \$15,000 in contract on bridge	\$413,500.00		Original Agreement
1030-21-74 Bolivar Avenue Realignment	2009	\$0.00	\$1,560.00	\$15,600.00	\$780.00	\$0.00		\$17,940.00	0/100	\$17,940.00	\$0.00	1030-21-74 Bolivar Avenue Realignment (2009)	\$17,940.00		
1030-21-74 Bolivar Avenue Realignment	2009	\$0.00	\$1,560.00	\$15,600.00	\$780.00	\$0.00		\$17,940.00	0/100	\$0.00	\$0.00	Deduction for non-participating conduit New installation for meter connection Howell Avenue to water tower includes \$16,600 in contract	\$17,940.00		
1030-21-78 2009 Advanced Utilities Contract	2009							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-20-71 Layton/NB Ramps / Collector Distributor / Walls	2010	\$197,478.83	\$0.00	\$197,478.26	\$9,873.91			\$227,100.00	90/10	\$22,710.00	\$204,390.00	Layton conduit 87,100.00 (ee) in contract 140,000.00 city force work per Layton workplan	\$227,100.00		78
1030-10-73 Storm and Sanitary Sewer	2010							\$0.00	90/10	\$0.00	\$0.00	N/A	\$0.00		
1030-20-72 Mitchell Interchange / NB & SB Mainline	2011	\$9,486.95	\$0.00	\$94,869.57	\$4,743.48	\$0.00		\$109,100.00	0/100	\$109,100.00	\$0.00	Non-participating 20th Street conduit 87,100.00 (ee) in contract 22,000.00 city force work per Layton workplan	\$109,100.00		
1030-20-72 Mitchell Interchange / NB & SB Mainline	2011	\$9,486.95	\$0.00	\$94,869.57	\$4,743.48	\$0.00		\$109,100.00	0/100	\$0.00	\$0.00	Deduction for non-participating 20th Street conduit 87,100.00 (ee) in contract 22,000.00 city force work per Layton workplan	\$109,100.00		
Subtotal		\$86,547.83	\$0.00	\$785,278.26	\$43,273.91	\$0.00	\$0.00	\$895,100.00		\$284,050.00	\$805,590.00		\$895,100.00		