

**LOCAL/COUNTY AGREEMENT
FOR A
HIGHWAY IMPROVEMENT PROJECT**

DATE: January 4, 2016
ID: WH010022 (WISDOT ID 2216-01-70)
HIGHWAY: W. Mill Rd. (CTH S)
LIMITS: N. 43rd St. to N. Sidney Pl.

THIS AGREEMENT is made and entered into and between Milwaukee County, a body corporate, and the City of Milwaukee, a municipal corporation.

The portion of W. Mill Rd. (CTH S) from N. 43rd St. to N. Sidney Pl. has been designated County Trunk Highway "S" pursuant to Section 83.025 of the Wisconsin Statutes.

The County has budgeted funds for the improvement of CTH "S" between N. 43rd St. to N. Sidney Pl., with construction anticipated to begin in 2016.

The Milwaukee County Department of Transportation (MCDOT), hereinafter called the County, through its undersigned duly authorized officers or officials, hereby requests the City of Milwaukee, hereinafter called the Municipality, to participate in the street improvements hereinafter described in the estimated cost summary.

The authority for the Municipality to enter into this agreement with the County is provided by Section 86.25(1), (2) and (3) of the Statutes.

NEEDS AND ESTIMATE SUMMARY:

Existing Facility – Describe and give reason for request:

W. Mill Rd. (CTH S) is a combination of an urban and rural type roadway. To increase the service life of the pavement structure and improve the safety and operation of W. Mill Rd. (CTH S) is the reason for this request.

Proposed Improvement – Nature of work:

The roadway is scheduled for reconstruction by the County. The roadway would be reconstructed to the same cross section with the addition of bicycle accommodations and sidewalks on both sides of the street. Bicycles would be accommodated on a widened lane or on a paved shoulder. Sidewalks would be provided on the both sides of the roadway.

As requested by the municipality, traffic signal work, sanitary sewer work, watermain work, underground conduit work and forestry work will be included with the W. Mill Rd. (CTH S) proposed improvement project designated as Categories 0010, 0020, 0030, 0040 and 0050 accordingly.

**Project No. WH010022 (WISDOT ID 2216-01-70)
W. Mill Rd. (CTH S)-N. 43rd St. to N. Sidney Pl.
ESTIMATED COST SUMMARY***

CONSTRUCTION ESTIMATED COSTS (SEE TABLES BELOW):

• CATEGORY 0010- CITY OF MILWAUKEE TRAFFIC SIGNAL WORK

Item No.	Item Description	Unit	Estimated Quantity	Estimated Unit Cost	Total Estimated Cost
CATEGORY 0010- CITY OF MILWAUKEE TRAFFIC SIGNAL					
VARIOUS	VARIOUS (Traffic Signal at Int. of CTH S & N. Teutonia Ave.)	VARIOUS	VARIOUS	VARIOUS	\$25,000.00

Estimated Construction Share of Cost of Traffic Signal Work: \$25,000.00
+15% Engineering & Contingency: \$3,750.00
Total Category 0010 Estimated Costs: \$28,750.00

• CATEGORY 0020- CITY OF MILWAUKEE SANITARY SEWER WORK

Item No.	Item Description	Unit	Estimated Quantity	Estimated Unit Cost	Total Estimated Cost
CATEGORY 0020- CITY OF MILWAUKEE SANITARY SEWER					
611.0420	Reconstructing Manholes	EACH	6	\$1,200.00	\$7,200.00
611.8110	Adjusting Manholes	EACH	18	\$310.00	\$5,580.00
SPV.0060	Internal Sanitary Manhole Seals	EACH	24	\$350.00	\$8,400.00

Estimated Construction Cost of Sanitary Sewer Work: \$21,180.00
+15% Engineering & Contingency: \$3,177.00
Total Category 0020 Estimated Costs: \$24,357.00

• CATEGORY 0030- CITY OF MILWAUKEE WATERMAIN WORK

Item No.	Item Description	Unit	Estimated Quantity	Estimated Unit Cost	Total Estimated Cost
CATEGORY 0030- CITY OF MILWAUKEE WATERMAIN					
SPV.0060	Adjusting Water Valve Boxes	EACH	28	\$300.00	\$8,400.00
SPV.0060	Removing Hydrant	EACH	15	\$1,500.00	\$22,500.00
SPV.0060	Installing Hydrant	EACH	11	\$2,500.00	\$27,500.00
SPV.0060	Connect Original Service (C.O.S.)	EACH	2	\$2,600.00	\$5,200.00
SPV.0060	Disconnect Service (D.S.)	EACH	1	\$1,000.00	\$1,000.00
SPV.0060	Abandon Water Main 8-Inch	EACH	3	\$4,000.00	\$12,000.00
SPV.0060	Water Main Protection	EACH	4	\$250.00	\$1,000.00
SPV.0090	Ductile Iron Water Main 8-Inch	LF	219	\$150.00	\$32,850.00
SPV.0090	Ductile Iron Water Main 12-Inch	LF	18	\$175.00	\$3,150.00
SPV.0090	Ductile Iron Water Main 16-Inch	LF	78	\$200.00	\$15,600.00
SPV.0090	Ductile Iron Hydrant Branch 6-Inch	LF	176	\$175.00	\$30,800.00

Estimated Construction Cost of Watermain Work: \$160,000.00
+15% Engineering & Contingency: \$24,000.00
Total Category 0030 Estimated Costs: \$184,000.00

**Project No. WH010022 (WISDOT ID 2216-01-70)
W. Mill Rd. (CTH S)-N. 43rd St. to N. Sidney Pl.
ESTIMATED COST SUMMARY, CONTINUED***

CONSTRUCTION ESTIMATED COSTS CONTINUED (SEE TABLES BELOW):

• CATEGORY 0040- CITY OF MILWAUKEE UNDERGROUND CONDUIT WORK

Item No.	Item Description	Unit	Estimated Quantity	Estimated Unit Cost	Total Estimated Cost
CATEGORY 0040- CITY OF MILWAUKEE UNDERGROUND CONDUIT					
SPV.0060	Adjusting TES Manhole Cover	EACH	13	\$500.00	\$6,500.00
SPV.0060	Installing Conduit into Existing Manhole	EACH	4	\$500.00	\$2,000.00
SPV.0060	4' Diameter Manhole Type TES	EACH	7	\$5,000.00	\$35,000.00
SPV.0090	5-Duct Conduit	LF	70	\$60.00	\$4,200.00
SPV.0090	4-Duct Conduit	LF	3100	\$50.00	\$155,000.00
SPV.0090	2-Duct Conduit	LF	80	\$25.00	\$2,000.00
SPV.0090	1-Duct Conduit	LF	100	\$10.00	\$1,000.00
SPV.0105	Boring Conduit under Railroad	LUMP	1	\$45,000.00	\$45,000.00

Estimated Construction Cost of Underground Conduit Work: \$250,700.00
+15% Engineering & Contingency: \$37,605.00
Total Category 0040 Estimated Costs: \$288,305.00

• CATEGORY 0050- CITY OF MILWAUKEE FORESTRY WORK

Item No.	Item Description	Unit	Estimated Quantity	Estimated Unit Cost	Total Estimated Cost
CATEGORY 0050- CITY OF MILWAUKEE FORESTRY					
632.0101	VARIOUS (Street Trees)	EACH	13	\$500.00	\$6,500.00

Estimated Construction Share (20%) of Cost of Forestry Work: \$1,300.00
+15% Engineering & Contingency: \$195.00
Total Category 0050 Estimated Costs: \$1,495.00

Total Estimated Construction Costs (Categories 0010, 0020, 0030, 0040 and 0050): \$458,180.00
+15% Construction Engineering & Contingency: \$68,727.00
Total City of Milwaukee Estimated Project Costs: \$526,907.00

* The above costs reflect the County's best estimates to-date. The actual number of units installed may vary from this estimate depending on field conditions. The Municipality will be billed for each item at the actual construction cost.

This agreement is subject to the terms and conditions that follow and is executed by the undersigned under proper authority to execute such an agreement for the designated Municipality and upon acceptance by the County shall constitute an agreement between the Municipality and the County.

Signed for and on behalf of Milwaukee County:

_____ Signature	Director, Department of Transportation (MCDOT) _____ Title	_____ Date
_____ Brian Dranzik Name (Written Clearly)		

Signed for and on behalf of the City of Milwaukee:

_____ Signature	Commissioner of Public Works _____ Title	_____ Date
_____ Ghassan A. Korban, P.E. Name (Written Clearly)		

Signed for and on behalf of the City of Milwaukee:

_____ Signature	Comptroller _____ Title	_____ Date
_____ Martin Matson Name (Written Clearly)		

-Terms and Conditions Begin on the Next Page-

TERMS AND CONDITIONS

1. The initiation and accomplishment of the improvement will be subject to the applicable Federal, State and County regulations.
2. The Municipality will pay to the County such related costs for items as outlined below and listed in the Estimated Cost Summary.
3. Funding of each project phase (preliminary engineering, real estate, construction, other) is subject to inclusion in an approved program. County financing will be limited to participation in the costs of the following items as specified in the Estimated Cost Summary:
 - a. Preliminary Engineering and review services (100%), unless otherwise agreed as specified in the Estimated Cost Summary.
 - b. The grading, base, pavement, and curb and gutter (100%), unless otherwise agreed as specified in the Estimated Cost Summary.
 - c. Catch basins and inlets for surface water drainage of the improvement, with connections to the storm sewer main, if required (100%), unless otherwise agreed as specified in the Estimated Cost Summary.
 - d. Construction Engineering incidental to inspection and supervision of actual construction work (100%), unless otherwise agreed as specified in the Estimate Cost Summary.
 - e. Signing and pavement marking, including detour routes (100%), unless otherwise agreed as specified in the Estimated Cost Summary.
 - f. Surfacing of private driveways due to change in grade of the improvement (100%), unless otherwise agreed as specified in the Estimate Cost Summary.
 - g. New installations or alterations of traffic signals (100%), unless otherwise agreed as specified in the Estimated Cost Summary.
 - h. Real Estate for the improvement, if required (100%), unless otherwise agreed as specified in the Estimated Cost Summary.
 - i. Installation of new sidewalk required for the project to meet funding requirements or replacement of any sidewalk removed as a result of a change in street grade (100%) or condition to meet ADA requirements, unless otherwise agreed as specified in the Estimated Cost Summary.
4. Work necessary to complete the improvement to be financed entirely by the Municipality or other utility or facility owner or other responsible party (not including the County) includes, but is not limited to, the following items:
 - a. New installations of or alterations of sidewalks, sanitary sewers or connections, water, gas, electric, telephone, telegraph, fiber optic, fire or police alarm facilities, parking meters, pipelines, and similar utilities.
 - b. Repair of damages to roads and streets caused by reason of their use in hauling materials incidental to the improvement.
 - c. New installations of or alterations of sidewalks that are not deemed necessary in 3i above.
5. As the work progresses, the Municipality will be billed for work completed as outlined above and as listed in the Estimated Cost Summary. Upon completion of the project, a final audit will be made to determine the final division of costs.
6. If the Municipality should withdraw from the project, it will reimburse the County its proportionate local share of all construction and construction engineering costs incurred by the County to complete the construction phase of the project (construction), up to the date the notification of withdrawal is received by Milwaukee County.

7. The work will be administered by the County or its designee and may include items not eligible for County participation. The County shall notify the Municipality of such items prior to inclusion of the work and get written authorization for their inclusion and cost participation by the Municipality.
8. The Municipality at its own cost and expense and using its own labor forces and equipment will:
 - a. Prohibit angle parking.
 - b. Regulate parking at locations where and when the pavement area usually occupied by parked vehicles will be needed to carry active traffic in the street.
 - c. Regulate parking at all times in the vicinity of the proposed improvements during their construction.
 - d. Remove, reinstall and/or relocate street lighting poles, bases, luminaries, and other appurtenances necessary to accommodate the proposed improvement as per the plan. The Municipality is to coordinate work with the construction contractor.

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