



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

DATE: February 1, 2018  
ID: WH20192  
HIGHWAY: CTH D (N. Teutonia Ave.)  
LIMITS: W. Good Hope Rd. to W. Bradley Rd.

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 N. Teutonia Ave. from W. Good Hope Rd. to W. Bradley Rd. has been designated County Trunk Highway "D" pursuant to Section 83.025 of the Wisconsin Statutes.

The County has budgeted funds for the improvement of CTH "D" with construction anticipated to begin in 2018.

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:**

N. Teutonia Ave. (CTH D) is an urban type roadway. To increase the service life of the pavement structure and improve the safety and operation is the reason for this request.

**Proposed Improvement – Nature of work:**

The roadway is scheduled for reconditioning of N. Teutonia Ave. (CTH D) by the County, including a reconstruction of the signalized intersection of W. Bradley Rd. to a roundabout.

As requested by the municipality, roadway reconditioning work (273-foot segment of CTH D) north of the intersection of W. Good Hope Rd.), sanitary sewer and watermain facility adjustment work, and driveway and sidewalk replacement work will be included with the N. Teutonia Ave. (CTH D) proposed improvement project designated in the project as Categories 0020, 0021, 0022 and 0023.

**Project No. WH020192**  
**N. Teutonia Ave. (CTH D)-W. Good Hope Rd. to W. Bradley Rd.**  
**ESTIMATED COST SUMMARY\***

**CONSTRUCTION ESTIMATED COSTS (SEE TABLES BELOW):**

- **CATEGORY 0020- CITY OF MILWAUKEE ROADWAY RECONDITION WORK (273 FOOT SEGMENT ON N. TEUTONIA AVE. (CTH D) NORTH OF W. GOOD HOPE RD.)**

Item No.	Item Description	Unit	Estimated Unit Cost	Estimated Quantity	Total Estimated Cost
<b>CATEGORY 0020-CITY OF MILWAUKEE ROADWAY WORK</b>					
204.0100	REMOVING PAVEMENT	SY	\$4.00	1,150	\$ 4,600.00
204.0109.S	REMOVING CONCRETE SURFACE PARTIAL DEPTH	SF	\$0.40	15,000	\$ 6,000.00
204.0150	REMOVING CURB & GUTTER	LF	\$3.00	300	\$ 900.00
204.0155	REMOVING CONCRETE SIDEWALK	SY	\$5.00	1,300	\$ 6,500.00
204.0195	REMOVING CONCRETE BASES	EACH	\$200.00	16	\$ 3,200.00
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	\$12.00	646	\$ 7,752.00
311.0110	BREAKER RUN	TON	\$15.00	140	\$ 2,100.00
320.0135	CONCRETE BASE 7-INCH	SY	\$40.00	750	\$ 30,000.00
335.0100	RUBBLIZING	SY	\$2.00	1,600	\$ 3,200.00
415.0120	CONCRETE PAVEMENT 12-INCH	SY	\$70.00	80	\$ 5,600.00
416.0170	CONCRETE DRIVEWAY 7-INCH	SY	\$50.00	130	\$ 6,500.00
416.0270	CONCRETE DRIVEWAY HES 7-INCH	SY	\$52.00	13	\$ 676.00
455.0605	TACK COAT	GAL	\$3.00	100	\$ 300.00
460.5223	HMA PAVEMENT 3 LT 58-28 S	TON	\$55.00	300	\$ 16,500.00
460.5224	HMA PAVEMENT 4 LT 58-28 S	TON	\$60.00	200	\$ 12,000.00
601.0331	CONCRETE CURB & GUTTER, 31-INCH	LF	\$15.00	300	\$ 4,500.00
602.0410	CONCRETE SIDEWALK 5-INCH	SF	\$4.00	11,000	\$ 44,000.00
602.0515	CURB RAMP DETECTABLE WARNING NATURAL PATINA	SF	\$35.00	360	\$ 12,600.00
611.0530	MANHOLE COVERS TYPE J	EACH	\$500.00	7	\$ 3,500.00
611.3230	INLETS 2X3-FT	EACH	\$1,500.00	1	\$ 1,500.00
625.0100	TOPSOIL	SY	\$4.50	560	\$ 2,520.00
629.0205	FERTILIZER TYPE A	CWT	\$70.00	0.35	\$ 24.50
630.0110	SEEDING MIXTURE NO 10	LB	\$16.00	9	\$ 144.00
631.0300	SOD WATER	MGAL	\$34.00	14	\$ 476.00
631.1000	SOD LAWN	SY	\$4.50	500	\$ 2,250.00
645.0220	GEOGRID TYPE SR	SY	\$2.50	200	\$ 500.00
690.0150	SAWING ASPHALT	LF	\$1.00	700	\$ 700.00
690.0250	SAWING CONCRETE	LF	\$2.00	23,600	\$ 47,200.00
SPV.0060	SPECIAL INLET COVERS TYPE 57	EACH	\$600.00	1	\$ 600.00

**Estimated Construction Cost of City of Milwaukee Roadway Work: \$226,342.50**

**+15% Construction Engineering & Contingency: \$33,951.38**

**Total Category 0020 City of Milwaukee Estimated Costs: \$260,293.88**

**Project No. WH020192  
N. Teutonia Ave. (CTH D)-W. Good Hope Rd. to W. Bradley Rd.  
ESTIMATED COST SUMMARY CONTINUED\***

• **CATEGORY 0021- CITY OF MILWAUKEE SANITARY SEWER WORK**

Item No.	Item Description	Unit	Estimated Unit Cost	Estimated Quantity	Total Estimated Cost
<b>CATEGORY 0021-CITY OF MILWAUKEE SANITARY WORK</b>					
611.8110	ADJUSTING MANHOLE COVERS	EACH	\$550.00	14	\$ 7,700.00
SPV.0060	SPECIAL INTERNAL SANITARY MANHOLE SEAL	EACH	\$400.00	14	\$ 5,600.00

**Estimated Construction Cost of City of Milwaukee Sanitary Sewer Work: \$13,300.00**

**+15% Construction Engineering & Contingency: \$ 1,995.00**

**Total Category 0021 City of Milwaukee Estimated Costs: \$ 15,295.00**

• **CATEGORY 0022- CITY OF MILWAUKEE WATERMAIN WORK**

Item No.	Item Description	Unit	Estimated Unit Cost	Estimated Quantity	Total Estimated Cost
<b>CATEGORY 0022- CITY OF MILWAUKEE WATERMAIN WORK</b>					
SPV.0060	Adjusting Water Valve Boxes	EACH	\$250.00	14	\$3,500.00

**Estimated Construction Cost of City of Milwaukee Water Main Work: \$3,500.00**

**+15% Construction Engineering & Contingency: \$ 525.00**

**Total Category 0022 City of Milwaukee Estimated Costs: \$ 4,025.00**

• **CATEGORY 0023- CITY OF MILWAUKEE DRIVEWAY AND SIDEWALK REPLACEMENT WORK**

Item No.	Item Description	Unit	Estimated Unit Cost	Estimated Quantity	Total Estimated Cost
<b>CATEGORY 0023- CITY OF MILWAUKEE DRIVEWAY AND SIDEWALK REPLACEMENT WORK</b>					
204.0100	REMOVING PAVEMENT	SY	\$4.00	800	\$ 3,200.00
204.0155	REMOVING CONCRETE SIDEWALK	SY	\$5.00	950	\$ 4,750.00
416.0170	CONCRETE DRIVEWAY 7-INCH	SY	\$50.00	850	\$ 42,500.00
416.0270	CONCRETE DRIVEWAY HES 7-INCH	SY	\$52.00	80	\$ 4,160.00
602.0410	CONCRETE SIDEWALK 5-INCH	SF	\$4.00	1,500	\$ 6,000.00
602.0420	CONCRETE SIDEWALK 7-INCH	SF	\$7.00	6,500	\$ 45,500.00
602.0515	CURB RAMP DETECTABLE WARNING NATURAL PATINA	SF	\$35.00	115	\$ 4,025.00
690.0150	SAWING ASPHALT	LF	\$1.00	1,100	\$ 1,100.00
690.0250	SAWING CONCRETE	LF	\$2.00	1,000	\$ 2,000.00

**Estimated Construction Cost of City of Milwaukee Replacement Work (50%): \$113,235.00**

**+15% Construction Engineering & Contingency: \$ 16,985.25**

**Total Category 0023 City of Milwaukee Estimated Costs: \$130,220.25**

**Project No. WH020192**  
**N. Teutonia Ave. (CTH D)-W. Good Hope Rd. to W. Bradley Rd.**  
**ESTIMATED COST SUMMARY CONTINUED\***

<b>TOTAL Estimated Construction Costs (Categories 0020, 0021, 0022 and 0023):</b>	<b>\$356,377.50</b>
<b>+15% Construction Engineering &amp; Contingency:</b>	<b>\$ 53,456.63</b>
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<b>TOTAL City of Milwaukee Estimated Project Costs:</b>	<b>\$409,834.13</b>

\* 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:**

_____	Interim Director, Department of Transportation	_____
Signature	Title	Date
_____		
James Martin		
Name (Written Clearly)		

**Signed for and on behalf of the City of Milwaukee:**

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

**Signed for and on behalf of the City of Milwaukee:**

_____	Comptroller	_____
Signature	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 Federal 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 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, unless agreed as specified in the Estimated Cost Summary.
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 the 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.
  - j. Remove, reinstall and/or relocate street lighting poles, bases, luminaries, and other appurtenances necessary to accommodate the proposed improvement, including coordinating work, unless otherwise agreed as specified in the Estimated Cost Summary.

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