

# CONTRACT FOR CONSTRUCTION

## Local Force Account

Wisconsin Department of Transportation  
DT2056 2003

<input checked="" type="checkbox"/> County Milwaukee	<input type="checkbox"/> Municipality  <input checked="" type="checkbox"/> City of <input type="checkbox"/> Village of <input type="checkbox"/> Town of
<input type="checkbox"/> Work on STH System - SHR Funded (CEF to BHO, Contract to BHO)	<input checked="" type="checkbox"/> Work on Local Units System (CEF to DTD, Contract to BHC)
<input type="checkbox"/> Work on STH System - Non-SHR Funded (CEF to BHO, Contract to BHO)	<input type="checkbox"/> Work on Another Local Units System (CEF to DTD, Contract to BHC)
Contract Amount <b>\$227,440.40</b>	Project <b>1030-21-97</b>
Road Name West Layton Avenue from South 20th Street to South 13th Street, South 20th Street from West Layton Avenue to West Van Norman, West Whitaker Avenue from South 13th Street to South 15th Street, South 16th Street from West Vogel Avenue to a point north West Holmes Avenue, and under deck lighting at the overpasses at West Edgerton Avenue, West Bolivar Avenue, and West Ramsey Avenue and adjoining streets	Highway <b>IH94, USH 41 IH43 and IH 894</b>
Type of Work <b>Install Inrium Street Lighting. Install Permanent Street Lighting, Remove Inrium Lighting</b>	
Approximate Start Work Date <b>December 1, 2009</b>	Approximate Stop Work Date <b>December 31, 2011</b>

This contract is made and entered into by and between the Wisconsin Department of Transportation, Division of Transportation Districts, designated the "Department", represented by its Administrator, and the above-identified county or municipality, designated the "Local Governmental Unit", represented by its designees for constructing the above-specified project. The Department finds and determines that it is more feasible and advantageous for highway purposes to construct the identified project with the Local Governmental Unit's organization, forces, and equipment. The Department and Local Governmental Unit mutually agree to the provisions on the attached pages, which are made a part of this contract.

### Recommended for Approval

#### For County or Municipality

#### For Wisconsin Department of Transportation

\_\_\_\_\_  
(Name) (Date)

\_\_\_\_\_  
(District Director) (Date)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Name) (Date)

\_\_\_\_\_  
(Title)

#### Approved for the State of Wisconsin

\_\_\_\_\_  
(Name) (Date)

\_\_\_\_\_  
(Contract Specialist) (Date)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Name) (Date)

\_\_\_\_\_  
(Director of Construction) (Date)

(Title)

(Governor of Wisconsin)

(Date)

The Local Governmental Unit agrees to construct the described project in accordance with the requirements of the Department, the approved plans when required for such project, in accordance with the Standard Specifications for Road and Bridge Construction and approved supplements as may be applicable, and in accordance with the special provisions made a part of this contract. The word "contractor" as used in the specifications and special provisions shall, when applicable, be deemed to mean the Local Governmental Unit.

The provisions of Subsection 108.8 of the Standard Specifications, Liquidated Damages, are deleted from this contract.

The Local Governmental Unit is authorized by the Department and agrees to provide for the purchase, delivery, and storing of all materials required except those excluded from this contract, the furnishing or necessary rental of all equipment and small tools, and the furnishing of all labor necessary to expeditiously complete the work, and to pay all costs incurred pursuant to this contract.

The Department agrees to reimburse the Local Governmental Unit for actual costs of equipment, labor and materials incurred in performing the work up to the contract amount or as amended by contract change orders.

The Department agrees to pay to the Local Governmental Unit and the Local Governmental Unit agrees to accept in full, settlement for the work performed under this contract:

1. The actual cost of labor, at rates currently paid by the Local Governmental Unit for similar work in the area, materials and incidental expense furnished or incurred by the Local Governmental Unit pursuant to this contract, such payment to be based on a Detailed Statement of Expenditures, submitted monthly with the Monthly Report of Expenditures, and verified by the Local Governmental Unit.
2. The recognized costs incident to the employment of labor under this contract (such as worker's compensation insurance, unemployment and retirement contributions and time off with pay) computed and requisitioned in accordance with established policy.
3. An allowance for the use of equipment, tools and incidentals for the work under this contract. Such allowance shall be in accordance with the provisions of, and at the rates either:
  - (a) Specified in the Cost Agreement between the Department and the Local Governmental Unit in effect when the work is performed, except for the conditions, changes or additions as listed

below, or may be otherwise provided in the Special Provisions of this contract; or,

- (b) Specified in the attached Equipment Rate schedule, or as may be otherwise provided in the special provisions of this contract.

These payments shall be based on a Detailed Statement of Expenditures, submitted monthly with the Monthly Report of Expenditures and verified by the Local Governmental Unit.

The rates established apply on equipment in good working order. Allowance will be made only for the time during which the equipment is in actual use on the project; no allowance will be made for equipment wholly inadequate or inefficient or in excess of the requirements of the work.

In connection with the performance of work under this contract, the contractor agrees not to discriminate against any employee or applicant for employment because of age, race, religion, color, handicap, sex, physical condition, developmental disability as defined in s.51.01(5) Wis. Stats., sexual orientation, or national origin. This provision shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor further agrees to take affirmative action to ensure equal employment opportunities. The contractor agrees to post in conspicuous places, available for employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of the nondiscrimination clause.

The Local Governmental Unit agrees to furnish, on the Detailed Statement of Expenditures, an accurate distribution of the costs between the various items of work.

The estimated unit costs of materials being used on this contract are listed as attached.

**PROJECT UNIT COST ANALYSIS**  
 Revised August 21, 2009  
 ESTIMATE OF QUANTITIES  
 PROJECT ID 1030-21-95

West Layton Avenue from South 20th Street to South 13th Street, South 20th Street from West Layton Avenue to West Van Norman Avenue  
 West Whitaker Avenue from South 13th Street to South 15th Street, South 16th Street from West Vogel Avenue to a point north of  
 West Holmes Avenue, and under deck lighting at the overpasses at West Edgerton Avenue, West Bolivar Avenue, and West Ramsey Avenue

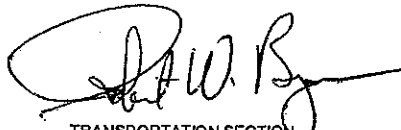
MILWAUKEE COUNTY

Item No.	Description	Unit	Quantity	Material Cost	Labor Cost	Equipment Cost	Total Cost	Quantity Total Cost
90030A	Install 3#2/1#8 LTP underground cable	L.F.	1000	\$4.68	\$2.20	\$0.02	\$6.90	\$6,900.00
90030D	Install 3#8/ t#8 LTP underground cable	L.F.	380	\$1.41	\$2.20	\$0.02	\$3.63	\$1,379.40
90030F	Install 4#12 UF underground cable	L.F.	60	\$0.66	\$2.20	\$0.02	\$2.89	\$173.40
90030G	Install 3#12 UF underground cable	L.F.	1898	\$0.51	\$2.20	\$0.02	\$2.73	\$5,181.54
90030H	Install 2#12 UF underground cable	L.F.	560	\$0.73	\$2.20	\$0.02	\$2.95	\$1,652.00
90030J	Install 1#8 FS underground cable	L.F.	15360	\$1.94	\$2.20	\$0.02	\$4.16	\$63,897.60
90030N	Install t#6 primary line wire overhead wire	L.F.	2264	\$0.84	\$0.93	\$0.05	\$1.82	\$4,120.48
90030P	Install 2.5 "P.V.C. conduit (hole hog/bore)	L.F.	2810	\$0.62	\$6.49	\$0.35	\$7.46	\$20,962.60
90030Q	Install 2.5 "P.V.C. conduit (trench)	L.F.	400	\$0.06	\$6.98	\$0.37	\$7.41	\$2,964.80
90030S	Remove overhead line wires	L.F.	2780		\$0.93	\$0.05	\$0.98	\$2,724.40
90005EF	Install 70w/240 Volt wall pack fixture with 70 Watt high pressure sodium lamp	EA.	36	\$191.52	\$244.66	\$8.33	\$444.51	\$16,002.36
90005EG	Install wood pole	EA.	7		\$246.32	\$11.73	\$258.05	\$1,806.35
90005EJ	Install wood pole, 6' bracket, and 150w/240v cobra style fixture with 150 watt high pressure sodium lamp.	EA.	2	\$240.26	\$139.57	\$7.26	\$387.09	\$774.18
90005EK	Install wood pole, 6' bracket, and 250w/240v cobra style fixture with 250 watt high pressure sodium lamp.	EA.	2	\$237.21	\$139.57	\$7.26	\$384.04	\$768.08
90005EL	Install Metal Pedestal Cabinet	EA.	30	\$37.18	\$69.78	\$1.07	\$108.03	\$3,240.90
90005EM	Install Primary or Secondary risers	EA.	8	\$59.29	\$93.05	\$4.84	\$157.17	\$1,257.36
90005EQ	Remove wood, concrete, steel, or aluminum pole complete	EA.	60		\$347.96	\$15.08	\$363.04	\$21,782.40
90005ER	Remove primary or secondary riser	EA.	12		\$93.05	\$4.84	\$97.89	\$1,174.68
90005ES	Install 26' aluminum pole, 6' bracket, 150 watt series sodium transformer, 55 volt ignitor, cobra style fixture and 150 watt high pressure sodium lamp. (includes riser cable)	EA.	6	\$926.45	\$632.85	\$27.01	\$1,586.31	\$9,517.86
90005ET	Install 26' aluminum pole, 6' bracket, 250 watt series sodium transformer, 100 volt ignitor, cobra style fixture and 250 watt high pressure sodium lamp. (includes riser cable)	EA.	9	\$905.81	\$602.74	\$22.54	\$1,531.09	\$13,779.81
90005EV	Install 31' aluminum pole, 6' bracket, 250 watt series sodium transformer, 100 volt ignitor, cobra style fixture and 250 watt high pressure sodium lamp. (includes riser cable)	EA.	6	\$974.62	\$602.74	\$22.54	\$1,599.90	\$9,599.40
90005EW	Install 26' aluminum pole, 2-6' brackets, 150 watt series sodium transformer, 2-55 volt ignitors, 2-cobra style fixtures and 2-150 watt high pressure sodium lamps. (includes riser cables)	EA.	1	\$1,246.30	\$782.62	\$29.88	\$2,058.80	\$2,058.80
90005EZ	Install 31' aluminum pole, 2-6' brackets, 250 watt series sodium transformer, 2-55 volt ignitors, 2-cobra style fixtures and 2-250 watt high pressure sodium lamps. (includes riser cables)	EA.	9	\$1,352.27	\$782.62	\$29.80	\$2,164.69	\$19,482.21
90005FA	Install A26 concrete pole, A26 clamp, 6' bracket, 150 watt series sodium transformer, 55 volt ignitor, cobra style fixture, and 150 watt high pressure sodium lamp. (includes riser cable)	EA.	2	\$1,120.96	\$602.74	\$22.54	\$1,746.24	\$3,492.48
90005FK	Install A21 concrete pole, A21 clamp, 6' bracket, 100 watt series sodium transformer, 55 volt ignitor, slip-fit head, optical assembly, and 100 watt high pressure sodium lamp. (includes riser cable)	EA.	3	\$1,096.97	\$602.74	\$22.54	\$1,722.25	\$5,166.75
90005GR	Existing wood pole, installation of 6' bracket and 250w/240 volt cobra with 250 watt high pressure sodium vapor lamp. ( includes riser cable)	EA.	4	\$246.78	\$249.62	\$12.10	\$508.50	\$2,034.00
90005DD	Install A21 concrete pole, A21 clamp, 6' bracket, 100w/240v slip fit head, optical assembly and 100 watt high pressure sodium vapor lamp (includes riser cable)	EA.	4	\$885.39	\$481.19	\$20.06	\$1,386.64	\$5,546.56

**TOTAL CITY QUANTITY COST**

**\$227,440.40**

ROBERT W. BRYSON  
 CHIEF TRAFFIC AND LIGHTING ENGINEER



TRANSPORTATION SECTION  
 TRAFFIC AND LIGHTING DESIGN UNIT  
 THOMAS MANZKE  
 17-Nov-09

\* Please note that the Total City Quantity Cost includes the embedded costs of mobilization and traffic control.