

**INTERGOVERNMENTAL AGREEMENT**

**between**

**THE COUNTY OF WAYNE**

**and**

**THE CITY OF GROSSE POINTE WOODS**

**for**

**Infrastructure Improvements to Mack Avenue and Vernier Road  
Intersection and  
Vernier Road and Sunningdale Drive Intersection**

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## INTRODUCTION

**THIS INTERGOVERNMENTAL AGREEMENT** (hereafter referred to as this “IGA”) between Wayne County, Michigan, a body corporate and Charter County, acting through its Department of Economic Development (the “County”) and the City of Grosse Pointe Woods, a public body corporate (“City”).

This Agreement is made for the purpose of fixing the rights and obligations of the parties with respect to the ongoing management and maintenance of infrastructure improvements to Mack Avenue and Vernier Road intersection, Vernier Road and Sunningdale Drive intersection and accompanying improvements located in the City of Grosse Pointe Woods, Michigan (the “Project”).

**WHEREAS**, the City is the fee simple owner of the property and roadways upon which the Improvements will be made; and

**WHEREAS**, City has determined that the Improvements described in Exhibit A and Exhibit B are critical and necessary to the geographic areas at issue and the City; and

**WHEREAS**, the County has decided that it is in the best interest of the County to provide financial assistance in order to fund a portion of the Improvements; and

**WHEREAS**, the County has determined that it will contribute Three Hundred Eighty Thousand (\$380,000) Dollars toward the Project pursuant to the terms and conditions of this IGA.

**NOW THEREFORE**, in consideration of the premises and mutual undertakings of the parties hereto, it is agreed as follows:

## ARTICLE 1 DEFINITIONS

Wherever used in this IGA, the following terms shall have the meanings indicated which shall be

applicable to both the singular and plural thereof:

- 1.1 “CITY” means Grosse Pointe Woods.
- 1.2 “COUNTY” shall mean the Charter County of Wayne and any designated department thereof.
- 1.3 “FISCAL YEAR” means October 1 through September 30 of any calendar year.
- 1.4 “PROJECT” means changes, additions, alterations, renovations and/or improvements to the site as identified in **Exhibit B**.
- 1.4 “PROJECT COSTS” means the costs outlined in **Exhibit B**.

ARTICLE 2  
PURPOSE

2.1 The purpose of this IGA is to outline the COUNTY’s funding towards the Project and the CITY’s activities to improve the site as described in **Exhibit A**.

2.2 The CITY shall provide all personnel, materials, supplies, tools, equipment, and transportation necessary to implement its obligations outlined in **Exhibit B**. The COUNTY’S only function is to provide funding as outlined herein.

ARTICLE 3  
TERM OF CONTRACT AND TERMINATION

3.1 The term of this IGA shall be two (2) years. The term shall begin upon approval by the Wayne County Commission.

It shall be terminable for any reason by either party upon sixty (60) days written notice to the other party. If such termination takes place, the parties shall cooperate with the transition of any services.

ARTICLE 4  
BILLING/ INVOICES/COST SHARING

4.1 The CITY shall, consistent with this IGA, complete the Project as outlined in **Exhibit B**.

4.2 The CITY shall prepare recoverable work orders for all tasks performed under this IGA.

4.3 The COUNTY will reimburse CITY for all properly invoiced work that is consistent with the scope outlined in **Exhibit B** and consistent with the cost estimate specified in **Exhibit B**.

4.4 The CITY's invoice must certify the total cost of the services rendered to date and the cost of all services for that billing period; and must describe, in detail, all services rendered during the preceding calendar month for which the CITY is seeking reimbursement.

4.5 All approved invoices must be received by the COUNTY by the tenth business day of the month, for all services performed at the PROJECT in the preceding calendar month for costs for which the CITY is seeking reimbursement.

4.6 A representative of the CITY must sign every invoice submitted, attesting to its accuracy.

4.7 The CITY shall direct invoices for which it seeks reimbursement to the COUNTY'S Department of Economic Development for work done at the PROJECT each month. Each invoice shall include:

- a) Tasks that were performed,
- b) Dates that tasks were performed,
- c) Personnel that performed the tasks,
- d) The status of each task,
- e) Tasks forecasted for the next month,
- f) Any other information deemed necessary in the sole discretion of the County.

4.8 The COUNTY will pay all undisputed sums due for services provided pursuant to this IGA. COUNTY will use its best efforts to make payments to the CITY due pursuant to this IGA within thirty (30) days of the receipt of a complete invoice from the CITY.

4.9 If any sum due for services provided pursuant to this IGA is disputed by the COUNTY, the COUNTY will promptly provide written notice to the CITY of such disputed sum, at which time the CITY shall explain, cure or otherwise reconcile such disputed sum.

4.11 The parties hereto acknowledge that Project Costs identified in **Exhibit B** are an estimate of those costs that shall be required for completion of the Project.

4.12 The CITY acknowledges that the COUNTY is responsible for funding up to \$380,000 for the Project and that any Project Costs above \$380,000.00 shall be the responsibility of the CITY.

4.14 The parties hereto acknowledge that during construction Change Orders may be issued which will affect the final costs. The parties hereto agree that it is the discretion of the CITY on how to address change orders but acknowledge that such decision shall not impact the COUNTY's financial responsibilities.

4.15 In furtherance of the cost sharing commitments outlined herein, the Parties shall commit to funding each phase of the Project on an equal basis until the COUNTY'S financial commitment as indicated in this IGA has been fulfilled. The CITY shall continue to fund the Project until its completion and shall provide adequate notice to the COUNTY upon completion.

## ARTICLE 5 AUDITING

5.1 Funds expended by the CITY at the Project are subject to County review and accordingly CITY shall maintain overtly detailed and accurate financial and accounting records relating to or arising

from the services performed and the materials purchased and used, in whole or in part, to provide the maintenance and management services at the Project. At a minimum, the CITY shall maintain its financial and accounting records in accordance with accounting principles generally accepted in the United States of America (“Generally Accepted Accounting Principles” or “GAAP”), as issued by an appropriate standard setting body within the United States of America. The CITY’s detailed and accurate financial records shall include, but not be limited to, written or electronic:

- a) bank statements and investment statements,
- b) purchase orders,
- c) contracts,
- d) sales and purchase invoices,
- e) payments made and payments received,
- f) payroll records,
- g) cancelled checks,
- h) internal and external financial reports,
- i) internal and external audits,
- j) tax returns,
- k) records of assets and liabilities,
- l) ledgers,
- m) financial statements of any type,
- n) any other document showing how any invoice was calculated,
- o) journal entries,
- p) shipping and receiving documents,

5.2 The COUNTY shall require any contractor, supplier, vendor and agent to maintain their financial and accounting records in accordance with the requirements set forth in this Article.

5.3 The COUNTY has the right to examine and audit all financial and accounting records referenced in this Article, including any financial and accounting records of any contractor, supplier, vendor and agent of the COUNTY or CITY. The COUNTY may withhold any payment otherwise due to the CITY pending the results of any such audit, and such withheld amount shall not accrue any interest.

5.4 CITY shall make its officers, directors and employees available to answer all questions and provide all information required by the COUNTY. If the audit identifies any deficiencies or discovers CITY's failure to comply with any of the terms and conditions of the IGA, CITY shall, no later than fourteen (14) days after the COUNTY issues notice to CITY, remedy all deficiencies and failures.

5.5 If, because of any audit conducted by or for the COUNTY, State of Michigan or federal agency relating to the CITY's performance under this IGA, a discrepancy should arise as to an excess amount of compensation due or previously paid to the CITY, the COUNTY will promptly provide written notice to the CITY of such compensation discrepancy, and the CITY shall, within thirty (30) calendar days from such notice, explain, cure or otherwise reconcile such compensation discrepancy. If the CITY is unable to reconcile the compensation discrepancy with the COUNTY, and the COUNTY reasonably finds there to be an excess amount of compensation due or previously paid to the CITY, the CITY shall pay the excess amount to the COUNTY within thirty (30) days of the COUNTY's written demand to the CITY. If the CITY fails or refuses to make payment to the COUNTY as required by this section, the COUNTY may retain said amount from any funds allocated to the CITY but not yet disbursed under this IGA, in addition to any other remedy available to the County at law or equity.



5.6 CITY and its contractor(s) and suppliers shall maintain all financial and accounting documents required by this IGA for a period of six (6) years after the expiration of the term of this IGA.

5.7 This Article 5 shall survive expiration of this IGA.

## ARTICLE 6 IMPROVEMENTS

6.1 The CITY shall make the Improvements as outlined in **Exhibit B** to the Project.

6.2 The CITY will adhere to the following procedure:

- a) CITY shall not invoice the COUNTY for any Improvements not previously agreed to in **Exhibit B**;
- b) Any repairs or improvements performed by CITY shall be done in a good and workmanlike manner and shall be completed pursuant to all applicable codes and laws. All contractors of CITY must be licensed and insured;
- c) CITY shall secure performance and payment bonds from all its contractors that it hires to make the improvements outlined in **Exhibit B**. Such bonds shall cover the full amount of the improvements to be made at that time;
- d) Title to all improvements made shall at once be and become the property of the CITY and shall be deemed to be part of the Project.

6.3 To the extent necessary, CITY shall comply with all permitting processes and receive all necessary permits and approvals prior to any construction or installation of any improvements.

6.4 CITY will only use experienced personnel to make any improvements and agrees that all such personnel are qualified and authorized to perform under the state and local laws and governing professional association rules where the employee is employed.

ARTICLE 7  
GENERAL PROVISIONS

7.1 No alterations, amendments, changes, or additions to this IGA shall be binding unless reduced to writing and approved by each entity and their governing bodies.

7.2 This IGA shall include all current Project property as shown in **Exhibit A**.

7.3 The CITY shall be responsible for all duties or obligations related to the Project not identified herein and shall be the ultimate authority on all matters regarding the Project.

7.5 This IGA is being executed by the parties hereto to set forth the specific Improvements that will be performed by the CITY in **Exhibit B**.

ARTICLE 8  
WAIVER

8.1 The Parties agree that no provision in this Agreement constitutes or acts as a waiver of any governmental immunity for the COUNTY and/or the CITY, their agencies, officers, employees, agents or elected officials enjoy under applicable statutory or common law.

ARTICLE 9  
FORCE MAJEURE

9.1 It is mutually understood and agreed that neither of the parties hereto shall be held responsible for damages occasioned by delay or failure to perform where due to fire, strike, flood, acts of God, unavailability of labor, material, legal acts of public authorities, or delays caused by public carriers or third person (including contractors or subcontractors) which cannot reasonably be foreseen or provided against.

ARTICLE 10  
RESPONSIBILITY FOR PARTY'S OWN ACTS AND INSURANCE

10.1 Each party to this IGA shall remain responsible for any claims arising out of its own acts and/or omissions during the performance of this IGA, as provided by law.

10.2 This IGA is not intended to increase either party's liability for, or immunity from, tort claims.

10.3 This IGA is not intended, nor shall it be interpreted as giving either party hereto a right of indemnification, either by agreement or at law, for claims arising out of the performance of this IGA.

10.4 **Insurance:** CITY shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the CITY, his agents, representatives, employees, or subcontractors.

A. **CITY shall maintain at least the following minimum coverage:**

1. **Commercial General Liability (CGL):** Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than **\$1,000,000** per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
2. **Umbrella or Excess Liability Policy** in an amount not less than **\$5,000,000**. Umbrella or Excess policy wording shall be at least as broad as the primary or underlying policy(ies) and shall apply both to the CITY's general liability and to its automobile liability insurance and shall be written on an occurrence basis. The County, officials, employees and others as may be specified in any "Special Conditions" shall be named as an additional insured under this policy.
3. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering any auto (Code 1), or if CITY has no owned autos, hired (Code 8) and non-owned (Code 9) autos, with limit no less than **\$1,000,000** per accident for bodily injury and property damage.
4. **Workers' Compensation** insurance as required by the State of Michigan, with Statutory Limits, and Employer's Liability Insurance with limit of no less than **\$1,000,000 per** accident for bodily injury or disease.

If the CITY maintains higher limits than the minimums shown above, the County requires and shall be entitled to coverage for the higher limits maintained by the CITY. Any available

insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the County.

- B. **Additional Insured Status.** The County, its officers, officials, employees, volunteers, and others as may be specified in any "Special Conditions" shall be additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the CITY including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the CITY's insurance (at least as broad as ISO Form CG 20 10 11 85 or both CG 20 10 and CG 20 37 forms if later revisions used).
  
- C. **Primary Coverage.** For any claims related to this Contract, the CITY's insurance coverage shall be primary insurance as respects the County, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the County, its officers, officials, employees, or volunteers shall be excess of the CITY's insurance and shall not contribute with it.
  
- D. **Notice of Cancellation.** Each insurance policy shall state that coverage shall not be canceled, except with notice to the County.
  
- E. **Waiver of Subrogation.** CITY grants to the County a waiver of any right to subrogation which any insurer of the CITY may acquire against the County by virtue of the payment of any loss under such insurance. CITY agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the County has received a waiver of subrogation endorsement from the insurer.
  
- F. **Deductibles and Self-Insured Retentions.** Any deductibles or self-insured retentions must be declared to and approved by the County. The County may require the CITY to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention.
  
- G. **Acceptability of Insurers.** All insurance must be effected under valid and enforceable policies, issued by recognized, responsible insurers qualified to conduct business in Michigan which are well-rated by national rating organizations. All companies providing the coverage required shall be licensed or approved by the Insurance Bureau of the State of Michigan and shall have a policyholder's service rating no lower than A:VII as listed in A.M. Best's Key Rating guide, current edition or interim report.
  
- H. **Claims-made Policies.** If any of the required policies provide coverage on a claims-made basis:
  - 1. The Retroactive Date must be shown and must be before the date of the Contract or the date the CITY starts to perform the services.

2. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the Contract.
  3. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the Contract effective date, the CITY must purchase "extended reporting" coverage for a minimum of five (5) years after completion of Contract work.
- I. **Verification of Coverage.** CITY shall furnish the County with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this Article. The County shall receive and approve all certificates and endorsements before the CITY begins providing services. Failure to obtain the required documents prior to commencement of services shall not waive the CITY's obligation to provide them. The County reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by the Article, at any time.
  - J. **Subcontractors.** CITY shall require and verify that subcontractors maintain insurance satisfying all the stated requirements, and CITY shall ensure that the County is an additional insured on insurance required from subcontractors.
  - K. The CITY must submit certificates evidencing the insurance to the Risk Management Division at the time the CITY executes the Contract, and at least fifteen (15) days prior to the expiration dates of expiring policies.
  - L. **Special Risks or Circumstances.** The County reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

ARTICLE 11  
NOTICE

11.1 Notification regarding anything in connection with this Agreement shall be sent in writing via first class mail to:

For the COUNTY:

Economic Development Director  
500 Griswold St., Suite 2800  
Detroit, MI 48226

**And**

Wayne County Corporation Counsel  
500 Griswold, 30<sup>th</sup> Floor  
Detroit, MI 48226

For the CITY:

ARTICLE 12  
BINDING EFFECT/INTEGRATION

12.1 This Agreement, including the Exhibits, which are specifically incorporated, hereto embodies the entire IGA and understanding among the parties hereto and supersedes all prior agreements and understandings related to the subject matter thereof. No rights or remedies are or will be acquired by either party, orally, through implication or otherwise, unless set forth herein.

12.2 This IGA may be executed in counterparts, each of which will be deemed an original but all of which together will constitute one agreement.

[SIGNATURES ON FOLLOWING PAGE]

SIGNATURES

IN WITNESS WHEREOF, the parties hereto have caused this IGA to be executed the day and year written below.

**SIGNED IN THE PRESENCE OF:**

\_\_\_\_\_  
\_\_\_\_\_

**FOR COUNTY OF WAYNE**

By: \_\_\_\_\_  
**Warren C. Evans**  
Its: Chief Executive Officer  
Date: \_\_\_\_\_

**FOR CITY OF GROSSE POINTE WOODS**

\_\_\_\_\_  
\_\_\_\_\_

By: \_\_\_\_\_  
Its:  
Date: \_\_\_\_\_

APPROVED AS TO FORM:  
By: /s/James Jernigan  
DEPT OF CORPORATION COUNSEL  
APPROVAL DATED: 5.20.24

# EXHIBIT A LEGAL DESCRIPTION/PROJECT SITE

**Control Section**    **Job No.**  
 B2000                    218128  
 B2000                    219533

**JN 218128  
PROJECT SITE  
P.O.B. 36+39.34  
P.O.E. 38+12.68**



MACOMB COUNTY  
CITY OF ST. CLAIR SHORES

D.P.W. BUILDING

**JN 219533  
PROJECT SITE  
P.O.B. 41+10.74  
P.O.E. 46+66.27**

CITY ADMIN. BUILDING

CITY OF HARPER WOODS

CITY OF GROSSE POINTE SHORES

CITY OF HARPER WOODS

CITY OF GROSSE POINTE SHORES

CITY OF HARPER WOODS  
CITY OF DETROIT

CITY OF GROSSE POINTE FARMS

**TRAFFIC DATA**

MACK AVENUE  
AT VERNIER ROAD INTERSECTION

	2023	2043
A.D.T.	22,700	23,000
COMM. %	3%	5%
POSTED SPEED	35 MPH	35 MPH
DESIGN SPEED	36 MPH	35 MPH

**TRAFFIC DATA**

VERNIER ROAD  
BURNINGBUSH PARK TO MACK AVENUE

	2023	2043
A.D.T.	5,500	6,000
COMM. %	3%	3%
POSTED SPEED	35 MPH	35 MPH
DESIGN SPEED	36 MPH	35 MPH



EXHIBIT B  
PROJECT IMPROVEMENTS AND ESTIMATED PROJECT COST

The Wayne County/Grosse Pointe Wood Mack Avenue intersection has reported the highest number of accidents in Grosse Pointe Woods. There have been 66 accidents with injuries at this intersection in the last two years. This project includes the improvement of the Mack Avenue and Vernier Road intersection and the Vernier Road and Sunningdale Drive intersection, pedestrian upgrades along Mack Avenue.

These improvements include converting the Mack Avenue and Vernier Road traffic signal from a diagonal span signal to a mast arm signal configuration and improving the geometrics of the intersection to prohibit left turns at the signal (using typical Michigan lefts in lieu of direct lefts). The Vernier Road and Sunningdale Drive intersection improvement includes installing a mast arm traffic signal at the intersection with a signalized pedestrian crossing. Rapid Rectangular Flashing Beacons (RRFB) are proposed on Mack Avenue at the intersections of Hampton Road and Ridgemont Road. Installing these RRFBs will improve the visibility and awareness of the pedestrians to the drivers, which will improve the safety of the current crossings.

Mack and Vernier Intersection Improvements are scheduled to begin construction in June 2025 and be completed by August of 2025. Specific improvements may vary, but highlights of the proposed improvements include:

- Replace all signals with new black mast arm signals
- Improve pedestrian crossings including new push buttons and improved striping of crossings
- Remove direct left movements at the intersection (i.e. all lefts will be Michigan lefts)
- Provide a larger center island and landscaping

- Reconfigure and re-landscape median islands west of Mack Avenue
- A new black mast arm signal to Sunningdale Park Drive
- A dedicated left turn lane for westbound Vernier onto Sunningdale Park
- A new pedestrian crossing at Sunningdale Park
- Removing the westbound Vernier turnaround just west of Sunningdale park

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0001	1027051	_ Project Contingency	1.000	LSUM	\$80,000.00	\$80,000.00
0002	1077060	_ Reimbursed Permit Fees	12,000.000	Dir	\$1.00	\$12,000.00
0003	1100001	Mobilization, Max \$200,000	1.000	LSUM	\$200,000.00	\$200,000.00
0004	2030011	Dr Structure, Rem	4.000	Ea	\$550.00	\$2,200.00
0005	2030015	Sewer, Rem, Less than 24 inch	24.000	Ft	\$22.00	\$528.00
0006	2037001	_ Abandon Utility, Rem	10.000	Ft	\$100.00	\$1,000.00
0007	2040020	Curb and Gutter, Rem	62.000	Ft	\$28.00	\$1,736.00
0008	2040055	Sidewalk, Rem	240.000	Syd	\$14.00	\$3,360.00
0009	2040080	Exploratory Investigation, Vertical	200.000	Ft	\$50.00	\$10,000.00
0010	2047011	_ Pavt, Rem, Modified	1,525.000	Syd	\$15.00	\$22,875.00
0011	2050010	Embankment, CIP	500.000	Cyd	\$10.00	\$5,000.00
0012	2050016	Excavation, Earth	75.000	Cyd	\$15.00	\$1,125.00
0013	2050043	Subgrade Undercutting, Type IV	330.000	Cyd	\$55.00	\$18,150.00
0014	2080020	Erosion Control, Inlet Protection, Fabric Drop	13.000	Ea	\$110.00	\$1,430.00
0015	3020020	Aggregate Base, 8 inch	834.000	Syd	\$15.00	\$12,510.00
0016	4020987	Sewer, CI IV, 12 inch, Tr Det B	67.000	Ft	\$88.00	\$5,896.00
0017	4027050	_ External Structure Wrap, 18 inch	7.000	Ea	\$580.00	\$4,060.00
0018	4030005	Dr Structure Cover, Adj, Case 1	4.000	Ea	\$990.00	\$3,960.00
0019	4030006	Dr Structure Cover, Adj, Case 2	2.000	Ea	\$630.00	\$1,260.00
0020	4030200	Dr Structure, 24 inch dia	4.000	Ea	\$2,500.00	\$10,000.00
0021	4030210	Dr Structure, 48 inch dia	1.000	Ea	\$3,000.00	\$3,000.00
0022	4030312	Dr Structure, Tap, 12 inch	3.000	Ea	\$960.00	\$2,880.00
0023	4037050	_ Catch Basin Cover, GPW	4.000	Ea	\$600.00	\$2,400.00
0024	4037050	_ Catch Basin Cover, WCDPS	3.000	Ea	\$600.00	\$1,800.00
0025	4037050	_ Storm Manhole Cover, GPW	4.000	Ea	\$600.00	\$2,400.00
0026	5010005	HMA Surface, Rem	573.000	Syd	\$8.00	\$4,584.00
0027	5010025	Hand Patching	30.000	Ton	\$130.00	\$3,900.00
0028	5012026	HMA, 4EMH	117.000	Ton	\$150.00	\$17,550.00
0029	5012038	HMA, 5EMH	157.000	Ton	\$130.00	\$20,410.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0030	6020023	Conc Base Cse, Nonreinf, 10 inch	215.000	Syd	\$95.00	\$20,425.00
0031	6020054	Conc Pavt, Misc, Nonreinf, 8 inch	46.000	Syd	\$80.00	\$3,680.00
0032	6027011	Conc Base Cse, Nonreinf, 10 inch, Modified	305.000	Syd	\$105.00	\$32,025.00
0033	8017011	Driveway, Nonreinf Conc, 8 inch, Modified	236.000	Syd	\$90.00	\$21,240.00
0034	8020050	Driveway Opening, Conc, Det M	165.000	Ft	\$25.00	\$4,125.00
0035	8027001	Curb and Gutter, Conc, Det F1, Modified	894.000	Ft	\$50.00	\$44,700.00
0036	8030010	Detectable Warning Surface	80.000	Ft	\$80.00	\$6,400.00
0037	8030030	Curb Ramp Opening, Conc	120.000	Ft	\$40.00	\$4,800.00
0038	8030044	Sidewalk, Conc, 4 inch	250.000	Sft	\$7.00	\$1,750.00
0039	8030048	Sidewalk, Conc, 8 inch	137.000	Sft	\$9.00	\$1,233.00
0040	8032001	Curb Ramp, Conc, 4 inch	1,706.000	Sft	\$8.00	\$13,648.00
0041	8037010	Curb Ramp, Conc, 8 inch	1,055.000	Sft	\$15.00	\$15,825.00
0042	8100010	Band, Sign	4.000	Ea	\$100.00	\$400.00
0043	8100371	Post, Steel, 3 pound	603.000	Ft	\$15.00	\$9,045.00
0044	8100380	Post, Wood, 4 inch by 6 inch	364.000	Ft	\$25.00	\$9,100.00
0045	8100397	Sign, Type II, Rem	2.000	Ea	\$20.00	\$40.00
0046	8100399	Sign, Type IIB	168.000	Sft	\$45.00	\$7,560.00
0047	8100399	Sign, Type IIB Special	32.000	Sft	\$45.00	\$1,440.00
0048	8100403	Sign, Type III, Rem	52.000	Ea	\$20.00	\$1,040.00
0049	8100404	Sign, Type IIIA	330.000	Sft	\$30.00	\$9,900.00
0050	8102010	Ground Mtd Sign Support, Rem	34.000	Ea	\$75.00	\$2,550.00
0051	8107050	St Name Sign, One Way, LED, 8 foot	8.000	Ea	\$3,000.00	\$24,000.00
0052	8110039	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	112.000	Ft	\$5.00	\$560.00
0053	8110041	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	168.000	Ft	\$9.00	\$1,512.00
0054	8110045	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	254.000	Ft	\$13.00	\$3,302.00
0055	8110063	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	3.000	Ea	\$220.00	\$660.00
0056	8110068	Pavt Mrkg, Ovly Cold Plastic, Only	4.000	Ea	\$150.00	\$600.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0057	8110070	Pavt Mrkg. Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	1.000	Ea	\$250.00	\$250.00
0058	8110071	Pavt Mrkg. Ovly Cold Plastic, Rt Turn Arrow Sym	1.000	Ea	\$220.00	\$220.00
0059	8110153	Pavt Mrkg. Sprayable Thermopl, 4 inch, White	1,690.000	Ft	\$3.00	\$5,070.00
0060	8110154	Pavt Mrkg. Sprayable Thermopl, 4 inch, Yellow	761.000	Ft	\$3.50	\$2,663.50
0061	8110155	Pavt Mrkg. Sprayable Thermopl, 6 inch, White	230.000	Ft	\$1.50	\$345.00
0062	8110343	Rem Spec Mrkg	210.000	Sft	\$3.00	\$630.00
0063	8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	6.000	Ea	\$85.00	\$510.00
0064	8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	6.000	Ea	\$0.01	\$0.06
0065	8120026	Pedestrian Type II Barricade, Temp	3.000	Ea	\$100.00	\$300.00
0066	8120140	Lighted Arrow, Type C, Furn	4.000	Ea	\$600.00	\$2,400.00
0067	8120141	Lighted Arrow, Type C, Oper	4.000	Ea	\$600.00	\$2,400.00
0068	8120170	Minor Traf Devices	1.500	LSUM	\$100,000.00	\$150,000.00
0069	8120210	Pavt Mrkg. Longit, 6 inch or Less Width, Rem	1,800.000	Ft	\$1.00	\$1,800.00
0070	8120252	Plastic Drum, Fluorescent, Furn	160.000	Ea	\$30.00	\$4,800.00
0071	8120253	Plastic Drum, Fluorescent, Oper	160.000	Ea	\$0.01	\$1.60
0072	8120310	Sign Cover	1.000	Ea	\$50.00	\$50.00
0073	8120350	Sign, Type B, Temp, Prismatic, Furn	333.000	Sft	\$6.00	\$1,998.00
0074	8120351	Sign, Type B, Temp, Prismatic, Oper	333.000	Sft	\$0.01	\$3.33
0075	8120352	Sign, Type B, Temp, Prismatic, Spec, Furn	120.000	Sft	\$9.00	\$1,080.00
0076	8120353	Sign, Type B, Temp, Prismatic, Spec, Oper	120.000	Sft	\$0.01	\$1.20
0077	8120370	Traf Regulator Control	1.500	LSUM	\$25,000.00	\$37,500.00
0078	8160061	Topsoil Surface, Furn, 3 inch	2,000.000	Syd	\$7.00	\$14,000.00
0079	8160090	Water, Sodding/Seeding	36.000	Unit	\$70.00	\$2,520.00
0080	8167011	_ Hydroseeding	2,000.000	Syd	\$7.35	\$14,700.00
0081	8180001	Power Company (Estimated Cost to Contractor)	6,000.000	Dir	\$1.00	\$6,000.00
0082	8182034	Conduit, Directional Bore, 1, 1 1/2 inch	230.000	Ft	\$50.00	\$11,500.00
0083	8182035	Conduit, Directional Bore, 1, 3 inch	57.000	Ft	\$25.00	\$1,425.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0084	8182039	Conduit, Directional Bore, 3, 3 inch	1,120.000	Ft	\$75.00	\$84,000.00
0085	8182048	Conduit, DB, 1, 1 1/2 inch	280.000	Ft	\$25.00	\$7,000.00
0086	8182050	Conduit, DB, 1, 3 inch	150.000	Ft	\$22.00	\$3,300.00
0087	8182053	Conduit, DB, 2, 3 inch	355.000	Ft	\$29.00	\$10,295.00
0088	8182056	Conduit, DB, 3, 3 inch	340.000	Ft	\$40.00	\$13,600.00
0089	8182059	Conduit, DB, 4, 3 inch	16.000	Ft	\$165.00	\$2,640.00
0090	8182238	Cable, Sec, 600V, 1, 3/C#6	1,870.000	Ft	\$33.00	\$61,710.00
0091	8182310	Hh. Round	12.000	Ea	\$1,500.00	\$18,000.00
0092	8182319	Hh. Round, 3 foot dia	7.000	Ea	\$3,300.00	\$23,100.00
0093	8182326	Hh. Abandon	8.000	Ea	\$200.00	\$1,600.00
0094	8182366	Serv Disconnect	3.000	Ea	\$1,600.00	\$4,800.00
0095	8182382	Wood Pole, Fit Up, Sec Serv Pole	3.000	Ea	\$720.00	\$2,160.00
0096	8200015	Case Sign, Disappearing Legend, 24 inch by 30 inch	1.000	Ea	\$5,300.00	\$5,300.00
0097	8200020	Case Sign, Rem	4.000	Ea	\$2,200.00	\$8,800.00
0098	8200029	Case Sign (LED), One Way, 24 inch by 30 inch	14.000	Ea	\$2,100.00	\$29,400.00
0099	8200030	Controller and Cabinet, Rem	1.000	Ea	\$300.00	\$300.00
0100	8200045	Controller Fdn, Base Mtd	3.000	Ea	\$4,000.00	\$12,000.00
0101	8200046	Controller Fdn, Rem	1.000	Ea	\$920.00	\$920.00
0102	8200050	Global Positioning System Module	3.000	Ea	\$950.00	\$2,850.00
0103	8200100	Pedestal, Alum	18.000	Ea	\$990.00	\$17,820.00
0104	8200105	Pedestal, Fdn	18.000	Ea	\$1,100.00	\$19,800.00
0105	8200106	Pedestal Fdn, Rem	4.000	Ea	\$250.00	\$1,000.00
0106	8200110	Pedestal, Rem	4.000	Ea	\$180.00	\$720.00
0107	8200121	Pushbutton and Sign	21.000	Ea	\$880.00	\$18,480.00
0108	8200123	Pushbutton, Pedestal, Alum	4.000	Ea	\$500.00	\$2,000.00
0109	8200141	Span Wire, Rem	4.000	Ea	\$300.00	\$1,200.00
0110	8200175	TS, Bracket Arm Mtd, Rem	2.000	Ea	\$180.00	\$360.00
0111	8200180	TS, Pedestrian, Bracket Arm Mtd, Rem	8.000	Ea	\$180.00	\$1,440.00
0112	8200181	TS, Pedestrian, Pedestal Mtd, Rem	8.000	Ea	\$180.00	\$1,440.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0113	8200182	TS, Span Wire Mtd, Rem	8.000	Ea	\$180.00	\$1,440.00
0114	8200215	TS, 4th Level, LTGA	1.000	Ea	\$1,400.00	\$1,400.00
0115	8200333	TS, One Way Bracket Arm Mtd (LED)	1.000	Ea	\$1,400.00	\$1,400.00
0116	8200345	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	14.000	Ea	\$1,400.00	\$19,600.00
0117	8200347	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	3.000	Ea	\$1,600.00	\$4,800.00
0118	8200359	TS, One Way Mast Arm Mtd (LED)	31.000	Ea	\$1,400.00	\$43,400.00
0119	8200380	Video Traf Detection System	3.000	Ea	\$15,000.00	\$45,000.00
0120	8200381	Video Traf Detection Camera	5.000	Ea	\$16,500.00	\$82,500.00
0121	8200457	Junction Box, Rem	4.000	Ea	\$150.00	\$600.00
0122	8200501	Backplate, TS	32.000	Ea	\$275.00	\$8,800.00
0123	8202010	Mast Arm Pole, Cat I	8.000	Ea	\$14,000.00	\$112,000.00
0124	8202015	Mast Arm, 30 foot, Cat I	1.000	Ea	\$13,000.00	\$13,000.00
0125	8202017	Mast Arm, 40 foot, Cat I	5.000	Ea	\$14,000.00	\$70,000.00
0126	8202018	Mast Arm, 45 foot, Cat I	1.000	Ea	\$14,500.00	\$14,500.00
0127	8202019	Mast Arm, 50 foot, Cat I	6.000	Ea	\$16,000.00	\$96,000.00
0128	8202034	Mast Arm Pole Fdn, 6 Bolt	119.500	Ft	\$1,100.00	\$131,450.00
0129	8207050	_ Cabinet Painting	3.000	Ea	\$1,200.00	\$3,600.00
0130	8207050	_ Controller and Cabinet, Digital Type	3.000	Ea	\$25,000.00	\$75,000.00
0131	8207050	_ Decorative Mast Arm Pole Base	8.000	Ea	\$750.00	\$6,000.00
0132	8207050	_ Decorative Mast Arm Pole Top	8.000	Ea	\$750.00	\$6,000.00
0133	8207050	_ Pedestal Painting	22.000	Ea	\$500.00	\$11,000.00
0134	8207050	_ Pole Coating	21.000	Ea	\$1,050.00	\$22,050.00
<b>Contract Total:</b>						<b>\$2,085,316.69</b>