

**CITY OF PLAINFIELD**  
DEPARTMENT OF PUBLIC WORKS & URBAN DEVELOPMENT  
515 WATCHUNG AVENUE  
PLAINFIELD, NEW JERSEY 07060



JENNIFER WENSON MAIER  
DIRECTOR

**MEMORANDUM**

TO: Marc Dashield, City Administrator

FROM: Jennifer Wenson-Maier, Director DPW&UD

DATE: July 24, 2007


SUBJECT: **ITEM FOR THE CITY COUNCIL AGENDA FIXING SESSION SCHEDULE FOR MONDAY AUGUST 20, 2007: AUTHORIZING APPLICATION FOR A NEW JERSEY DEPARTMENT OF TRANSPORTATION FY 2008 MUNICIPAL AID GRANT IN THE AMOUNT OF \$530,171.00 TO BE UTILIZED FOR THE RECONSTRUCTION OF WEST FOURTH STREET (PHASE II).**

The Consulting Engineer (Remington & Vernick) for the City of Plainfield is requesting that subject item be placed on Council's August 20, 2007 Agenda and approved at Council's Public meeting scheduled for August 22, 2007.

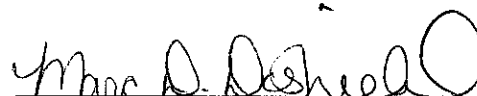
The project will be a continuation of the FY 2007 NJDOT Reconstruction of West Fourth St. (Phase I) Project. The proposed improvement will improve drainage, ride quality and safety along the roadway.

The Consulting Engineer (Remington & Vernick) recommends that the City approve this resolution for the FY 2008 NJDOT Trust Fund application.

I HAVE REVIEWED THE  
ACCOMPANYING RESOLUTION  
AND ATTEST TO ITS ACCURACY

  
Jennifer Wenson-Maier,  
Department of Public Works  
& Urban Development

APPROVED FOR PLACEMENT  
ON COUNCIL AGENDA

  
Marc Dashield  
City Administrator

**RESOLUTION AUTHORIZING APPLICATION AND RECEIPT OF A NEW  
JERSEY DEPARTMENT OF TRANSPORTATION FY 2008 MUNICIPAL AID  
GRANT IN THE AMOUNT OF \$530,171.00 TO BE UTILIZED FOR THE  
RECONSTRUCTION OF WEST FOURTH STREET (PHASE II).**

**WHEREAS**, the City desires to apply for and obtain a grant from the New Jersey Department of Transportation, Local Aid, Municipal Aid Program for the purpose of the Reconstruction of West Fourth Street (Phase II), between Clinton Ave and Halsey Street; and

**WHEREAS**, the City has applied for, and received \$264,000.00 in FY 2007 New Jersey Department of Transportation Trust Funds for Phase I of the West Fourth Street improvement. (from corporate limit with Piscataway to Clinton Ave); and

**WHEREAS**, the Consulting Engineer (Remington & Vernick Engineers) recommends the City apply for a second phase of improvements to the roadway (from Clinton Ave to Halsey St.); and

**WHEREAS**, the City of Plainfield will use the grant in accordance with such rules and regulations governing the grant program.

**NOW, THEREFORE BE IT RESOLVED**, that the Mayor is hereby authorized to:

1. Make and file the attached application for the subject grant.
2. Provide additional application information and furnish such documents as may be required.

Adopted by Plainfield City Council

August 22, 2007

Laddie Wyatt, City Clerk

Approved As to Form

  
Daniel A. Williamson,  
Corporation Counsel



Remington & Vernick Engineers  
Remington, Vernick & Vena Engineers  
Remington, Vernick & Beach Engineers  
Remington, Vernick & Arango Engineers  
Remington, Vernick & Walberg Engineers

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CRAIG F. REMINGTON, P.L.S., P.P., Vice President

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Kim Wendell Bibbs, P.E., C.M.E.  
Marc DeBlasio, P.E., P.P., C.M.E.  
Leonard A. Faiola, P.E., C.M.E.

**Remington & Vernick  
Engineers**

232 Kings Highway East  
Haddonfield, NJ 08033  
(856) 795-9595  
(856) 795-1882 (fax)

15-33 Halsted Street  
East Orange, NJ 07018  
(973) 323-3065  
(973) 323-3068 (fax)

**Remington, Vernick  
& Vena Engineers**

9 Allen Street  
Toms River, NJ 08753  
(732) 286-9220  
(732) 505-8416 (fax)

3 Jicama Boulevard, Suite 2  
Old Bridge, NJ 08857  
(732) 955-8000  
(732) 591-2815 (fax)

**Remington, Vernick  
& Walberg Engineers**

845 North Main Street  
Pleasantville, NJ 08232  
(609) 645-7110  
(609) 645-7076 (fax)

4907 New Jersey Avenue  
Wildwood City, NJ 08260  
(609) 522-5150  
(609) 522-5313 (fax)

**Remington, Vernick  
& Beach Engineers**

922 Fayette Street  
Conshohocken, PA 19428  
(610) 940-1050  
(610) 940-1161 (fax)

102 West Allen Street  
Mechanicsburg, PA 17055  
(717) 766-1775  
(717) 766-0232 (fax)

U.S. Steel Tower  
600 Grant Street, Suite 1251  
Pittsburgh, PA 15219  
(412) 263-2200  
(412) 263-2210 (fax)

Univ. Office Plaza, Commonwealth Bldg.  
260 Chapman Road, Ste. 104F  
Newark, DE 19702  
(302) 266-0212  
(302) 266-6208 (fax)

**Remington, Vernick  
& Arango Engineers**

243 Route 130, Suite 200  
Bordentown, NJ 08505  
(609) 298-6017  
(609) 298-8257 (fax)

July 13, 2007

Ms. Jennifer Wenson-Maier, Director  
City of Plainfield  
Department of Public Works & Urban Development  
515 Watchung Avenue  
Plainfield, New Jersey 07060

**Re: City of Plainfield  
2008 NJDOT Trust Fund Application  
West Fourth Street (Phase II)  
Between Clinton Street & Halsey Street**

Dear Ms. Wenson-Maier:

Enclosed please find the 2008 New Jersey Department of Transportation (NJDOT) Trust Fund Application. We respectfully request that this grant application for the above referenced road be presented at the August 20 2007 Agenda Fixing Session.

Additionally, a resolution must be prepared authorizing the Mayor to sign the grant application so that it can be forwarded to the NJDOT by the August 24, 2007 deadline.

Should you want to meet to discuss any project details or have any questions, please do not hesitate to contact me at (973) 323-3065.

Sincerely,

**REMINGTON & VERNICK ENGINEERS, INC.**

K. Wendell Bibbs, P.E., C.M.E.  
Senior Associate & North Jersey Regional Manager

KWB/jph/lb

Enclosures:

Cc: Cynthia Smith, Engineering  
Jesse Horsford

S:\New Jersey Department of Transportation (NJDOT) Trust Fund Applications\2008\plainfield\City of Plainfield  
Submittal.doc

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New Jersey Department of Transportation
Resolution, Application, and Agreement for
State Aid to Counties and Municipalities

Name of Sponsor: City of Plainfield

Mailing Address: 515 Watchung Avenue
Plainfield, NJ 07060

c/o: Jennifer Wenson-Maier, Director DPW & UD

E-mail Address jwmaier.plfdpwud@verizon.net

Federal Tax Identification Number 22-6002219
(Must be inserted by Sponsor)

Program (only check one):
County Aid
Municipal Aid (checked)
Centers of Place
Other (Specify)
Local Aid Infrastructure Fund (Discretionary Aid)
Bikeway
Safe Streets to Schools
Bridge Bond Act

Sponsor Priority No. 1 (Prioritized by Program)

Total Center Line Municipal Road Mileage 95

BE IT RESOLVED, that application is hereby made to the Commissioner of Transportation for an allotment of aid for the improvement of:

West Fourth Street (Phase II)
(Project Name)

From: Clinton Street

To: Halsey Street

in the City of Plainfield County of Union

State of New Jersey for a distance of 0.18 miles or such portion thereof as may be approved by the Commissioner of Transportation. The total cost estimate for this improvement is 530,171.00. The Sponsor requests 530,171.00 in State funds and anticipates contributing design fees, AND BE IT RESOLVED that any aid received as a result of this application will only be used for eligible costs for the project.

Type of Improvement (Check only major type of work)

Resurfacing
Roadway Reconstruction (checked)
Surface Treatment
Traffic Signal Installation
Intersection Improvement
Bikeway
Culvert (Less than 20 foot span)
Bridge (20 foot span or greater)
Safety Improvement
Safe Streets to Schools
Other (Describe Below)

Scope of Work

See attached Scope of Work

[SUBMIT 3 ORIGINALS OF THIS FORM ALONG WITH 3 LOCATION MAPS AND FOR CENTERS OF PLACE SUBMIT 6 ORIGINALS OF THIS FORM ALONG WITH 6 LOCATION MAPS TO THE DIVISION OF LOCAL AID AND ECONOMIC DEVELOPMENT]

Total Estimated Cost of Improvement

(Attach a detailed cost estimate)

Construction Cost (From attached estimate)	\$461,018.25
Design Engineering (List only if eligible for Urban Aid or as a Depressed Rural Center)	
Right-of-Way (List only if eligible for Urban Aid or as a Depressed Rural Center)	
Construction Inspection and Material Testing if requesting (15% of the final allowable construction cost maximum)	\$69,152.75
Total Estimated Cost	\$530,171.00

Project Information

- Is utility work planned within the project limits over the next five (5) years? – Yes \_\_\_\_\_ No X
- Is the purchase of right-of-way required before the start of project construction? – Yes \_\_\_\_\_ No X
- Does the project intersect a State Highway? – Yes \_\_\_\_\_ No X If yes, which highway? \_\_\_\_\_  
 If Yes, is the intersection signalized? – Yes \_\_\_\_\_ No \_\_\_\_\_
- Is there a railroad crossing within the project limits? – Yes \_\_\_\_\_ No X
- Is there a railroad crossing 100 feet outside of the project limits? - Yes \_\_\_\_\_ No X
- Will the construction impact traffic across a railroad crossing outside the project limits? – Yes \_\_\_\_\_ No X

**ADDITIONAL FORMS OR DOCUMENTS REQUIRED - ATTACH ONLY THOSE FORMS APPLICABLE TO THE PROJECT**

- Traffic Signal and/or Channelization - Attach a copy of the "Authorization to Design or Install"
- Roadway Project – Attach a copy of "Appendix RD"
- Bridge Project – Attach a copy of "Appendix BR" and Appendix RD"
- Bikeway Project – Attach a copy of "Appendix BW"
- Safe Streets to Schools Project – Attach a copy of "Appendix SS"
- Location map - 8 ½" x 11" only, showing project limits (all information must be clear and legible with street names labeled)

**NOTE For projects located within right-of-way or on property owned by other jurisdictions, proof of permission to construct this project must be attached to this form or the project will not be considered for possible funding.**

AND BE IT FURTHER RESOLVED that if this application is approved and accepted by the New Jersey Department of Transportation ("the Department"), the Sponsor agrees that:

- a. It shall arrange for financing of the total cost of the project provided for in this Agreement.
- b. It recognizes and agrees that continuation of funding under this Agreement is expressly dependent upon the availability to the Department of funds appropriated by the State Legislature from State revenues or such other funding sources as may be applicable. The Department shall not be held liable for any breach of this Agreement because of the absence of available appropriation.
- c. In the event that the Department approves funds in an amount less than requested, the Sponsor, at its option, 1) may either rescind this Agreement or 2) continue with the project and assume the entire difference between the total cost of the project and the allotment of State funds or 3) reevaluate the project limits or scope and submit a letter of justification to the Department for approval. In the event the Sponsor rescinds the Agreement, the allotted funds shall revert to the source of the funding.
- d. The Sponsor must notify the Department of its rescission of this Agreement within thirty (30) days of the expiration of the agreement or subsequent extensions. Not meeting this requirement will result in future grants being provided on a reimbursement basis until such time as the municipality demonstrates satisfactory performance in awarding construction contracts. This does not apply to the County Aid Program.
- e. Any purported transfer or assignment of the written obligations of the Sponsor contained herein without prior approval of the Department shall be void.
- f. New Jersey Office of Management and Budget, Circular Letter 05-12, Grant Agreements – Agency Contracts and any supplemental compliance statements by the Department, must be complied with by the Sponsor.
- g. The work to be performed by the Sponsor under this Agreement shall include but not be limited to the following:

1. Preparation of contract drawings and supplementary specifications.
  2. The acquisition of all necessary right-of-way, easements, slope rights and permits.
  3. Construction of the above referenced improvement.
  4. Monitoring and supervising compliance with all provisions of this Agreement.
- h. It shall defend, indemnify, protect and save harmless the State and its officers, agents, servants, and employees from and against any and all suits, claims, demands or damages of whatsoever kind and nature arising out of, or claimed to arise out of, any act, error or omission of the Sponsor, its consultants, contractors, agents, servants and employees in the performance of the work of the project including, but not limited to, expenditures for and costs of investigations, hiring of expert witnesses, court cost, counsel fees, settlements, and judgments.
- i. It shall engage a Professional Engineer, registered in the State of New Jersey, for design services on the project. In its agreement for professional services, the Sponsor shall require the provision of professional liability insurance or errors and omissions insurance sufficient to protect against liabilities arising out of the professional obligations performed pursuant to the agreements.
- j. In its agreements for professional and non-professional services, the Sponsor shall require the provisions of public liability insurance and every such policy shall include the Sponsor and State as additional named insureds.
- k. All design work shall conform to the applicable American Association of State Highway and Transportation Officials (AASHTO) design criteria and the Department's Bicycle Compatible Roadways and Bikeways Planning and Design Guidelines. The design of traffic barriers and drainage systems shall conform to the Department's Roadway Design Manual. No deviation shall be allowed without the knowledge of the Department. If there is deviation from those standards, the Sponsor shall accept any and all responsibility for any injury or damage by such deviation to any person or property and shall indemnify the State as outlined in this Agreement. All design shall also conform to the current "Manual on Uniform Traffic Control Devices" published by Federal Highway Administration. Design Exception reports will be prepared for all controlling substandard design elements in accordance with the Department's Design Exception Manual. Design Exception reports shall be certified by a New Jersey licensed professional engineer.
- l. It shall provide maps, reports, detailed plans, supplementary specification and contract documents required by the Department.
- m. All workmanship and materials shall conform to current "New Jersey Department of Transportation Standard Specifications for Road and Bridge Construction" as amended for State Aid.
- n. It is the responsible authority, without recourse to the State, regarding the settlement and satisfaction of all contractual and administrative issues arising out of the procurement entered in support of this funding.
- o. Prior to advertising for bids, the Sponsor shall notify the Department if it intends to substantially change the scope of the project proposed in the Resolution, Application, and Agreement. No substantial change shall be included in the project unless it has been approved by the Department.
- p. Any changes in work after the award of contract shall be documented with a Department approved change order.
- q. Fifteen (15) calendar days prior to advertisement, the Sponsor shall submit the following to the Division of Local Aid and Economic Development:
  1. One (1) copy of the contract plans, specifications, engineer's estimate, and engineer's design certification.
  2. Other documents as required.
- r. It shall advertise and award the contract in accordance with the provisions of the Local Public Contracts Law, N.J.S.A. 40 A:11-1 et. seq.
- s. It shall comply with all applicable Federal, State and Local laws, rules, ordinances and regulations.
- t. Within thirty (30) calendar days of construction bids, unless the Department grants an extension of this time, the Sponsor shall submit the following to the Division of Local Aid and Economic Development.
  1. Two (2) copies of the summary of construction bids.
  2. A resolution awarding the contract to the lowest responsible bidder submitting a responsive bid, subject to the approval of the Department.
- u. For municipal grants, the municipality shall award a construction contract for the grant project within eighteen (18) months of approval of this Resolution, Application, and Agreement by the Department. The Department in its sole discretion may provide one six (6) month extension after receiving an adopted resolution and justification from the Sponsor at least thirty (30) days prior to the expiration of the grant agreement. The Department in its sole discretion may provide a second six (6) month extension under extraordinary circumstances as defined by NJAC 16:20B1.3 after receiving an adopted resolution and justification from the Sponsor at least thirty (30) days prior to the expiration of the first six month extension. The Department may cancel the grant agreement if the Sponsor does not award the construction contract by the specified time or if an extension is not requested at least thirty (30) days prior to the expiration of the grant agreement or subsequent extensions; or if an extension of time is not granted.
- v. Cancellation of the grant agreement because a construction contract was not awarded within the time requirements or because an extension of time was not properly requested thirty (30) days prior to grant agreement expiration or subsequent extensions will result in future grant funds being provided on a reimbursement basis until such time as the Sponsor demonstrates it can award a construction contract within the specified timeframes.
- w. Sponsors may voluntarily cancel the grant agreement with written notice thirty (30) days prior to the expiration of the grant agreement or subsequent extensions. Voluntarily canceling the grant agreement with proper notification will result in no penalties on future grants.
- x. Upon prior approval of the Department, it may elect to undertake the work through the use of its own forces when it is deemed applicable and appropriate.
- y. Neither design costs, the costs for acquisition of all necessary right-of-way, easements, slope rights, and permits nor utility costs shall be considered costs of the project for purposes of computation of the allotment of State Aid funds under this Agreement except in special cases approved by the Department.

- z. State participation in the cost of the project shall not exceed the lesser of either 100 percent of the cost of the completed construction work including eligible construction supervision, inspection and material testing, or the original allotment. State participation in inspection and material testing costs combined shall be limited to 15 percent of the eligible construction work cost. The State shall not participate in costs that the Department determines to be beyond the scope of the purposes of the allotment, excessive or otherwise unallowable. The Sponsor shall be afforded an opportunity to challenge this determination at an informal hearing.
- aa. At the discretion of the Commissioner of Transportation, payment of the allotted funds may be made to the project Sponsor in the form of a grant. Grant payments shall be made as follows:
  - 1. For programs administered by the Division of Local Aid and Economic Development, a specified percentage, of the lesser of the eligible award amount or allotment amount shall be paid at the time of concurrence in the award of contract by the Department or the full amount of the allotment shall be paid upon approval of this agreement as determined by the Commissioner. The remaining percentage or balance of funds shall be paid upon submission of a final voucher with supporting information as required by the Department. The final voucher must be submitted to the Department within six (6) months of project acceptance. The Department reserves the right to inspect the work associated with the grant as per N.J.A.C 16:20B-3.2.
  - 2. For County Aid and the Local Bridge Bond Act, the full amount of the annual allotment amount shall be paid upon approval of the Annual Transportation Plan (ATP) and the execution of this Agreement unless the County has demonstrated unsatisfactory performance, whereby funds will be provided similar to municipal grants.
  - 3. If the Sponsor requests, progress payments shall be on a reimbursement basis. It shall request reimbursement from the Department by submitting vouchers supplied by the Department with supporting information as required by the Department. Progress payments of not less than \$50,000 may be made.
- bb. The Sponsor hereby certifies that all allotted funds shall only be spent on eligible costs for the approved project(s) as described in this Agreement.
- cc. In the event allotted funds remain after completion of the work, the remaining funds shall revert to the source of the funding and shall be reallocated by the Department in a manner determined solely by the Commissioner of Transportation.
- dd. In the event that the Department determines that it has reimbursed the Sponsor in an amount in excess of the funds actually due under this Agreement, the Sponsor shall, upon notice from the Department, make timely repayments to the State. Upon failure of the Sponsor to timely repay such funds, the State is hereby authorized by this Agreement to deduct those funds from any monies due the Sponsor under the terms of any agreement between the State, its Departments and Agencies and the Sponsor or to gain reimbursement through any other remedies available at law or equity.
- ee. It shall provide cost certification and maintain financial records relating to all costs for the project in accordance with N.J.A.C. 16:20A or 16:20B, as applicable, and comply with State of New Jersey audit requirements specified therein.
- ff. It shall maintain complete documentation of the project for a period of three (3) years after receiving final reimbursement or payment by the State.
- gg. It shall maintain the completed project in a manner satisfactory to the Department.
- hh. It will comply with Title VI of the 1964 Civil Rights Act.
- ii. Failure to comply with all provisions contained in this Resolution, Application and Agreement may result in the suspension and/or termination of funding.
- jj. Approval as to Form by Certification Process.

AND BE IT FURTHER RESOLVED that the mayor and Clerk are hereby authorized to execute and attest this Resolution, Application and Agreement.

**FOR THE SPONSOR**

ATTEST and AFFIX SEAL: \_\_\_\_\_  
(Clerk) (Presiding Officer)

**FOR THE DEPARTMENT OF TRANSPORTATION**

Fiscal Year/Funds: \_\_\_\_\_

Job Number: \_\_\_\_\_

Account: \_\_\_\_\_

State Funds: \_\_\_\_\_

FAO Number \_\_\_\_\_

Certification of Funds \_\_\_\_\_ Date \_\_\_\_\_  
By \_\_\_\_\_  
Director, Division of Accounting and Auditing

APPROVED: \_\_\_\_\_  
David A Kuhn, Director, Division of Local Aid and Economic Development \_\_\_\_\_  
Date

It is hereby certified that the foregoing allocation of funds and this Agreement were approved by the Commissioner of Transportation or Designee on \_\_\_\_\_.

\_\_\_\_\_  
Secretary, Department of Transportation

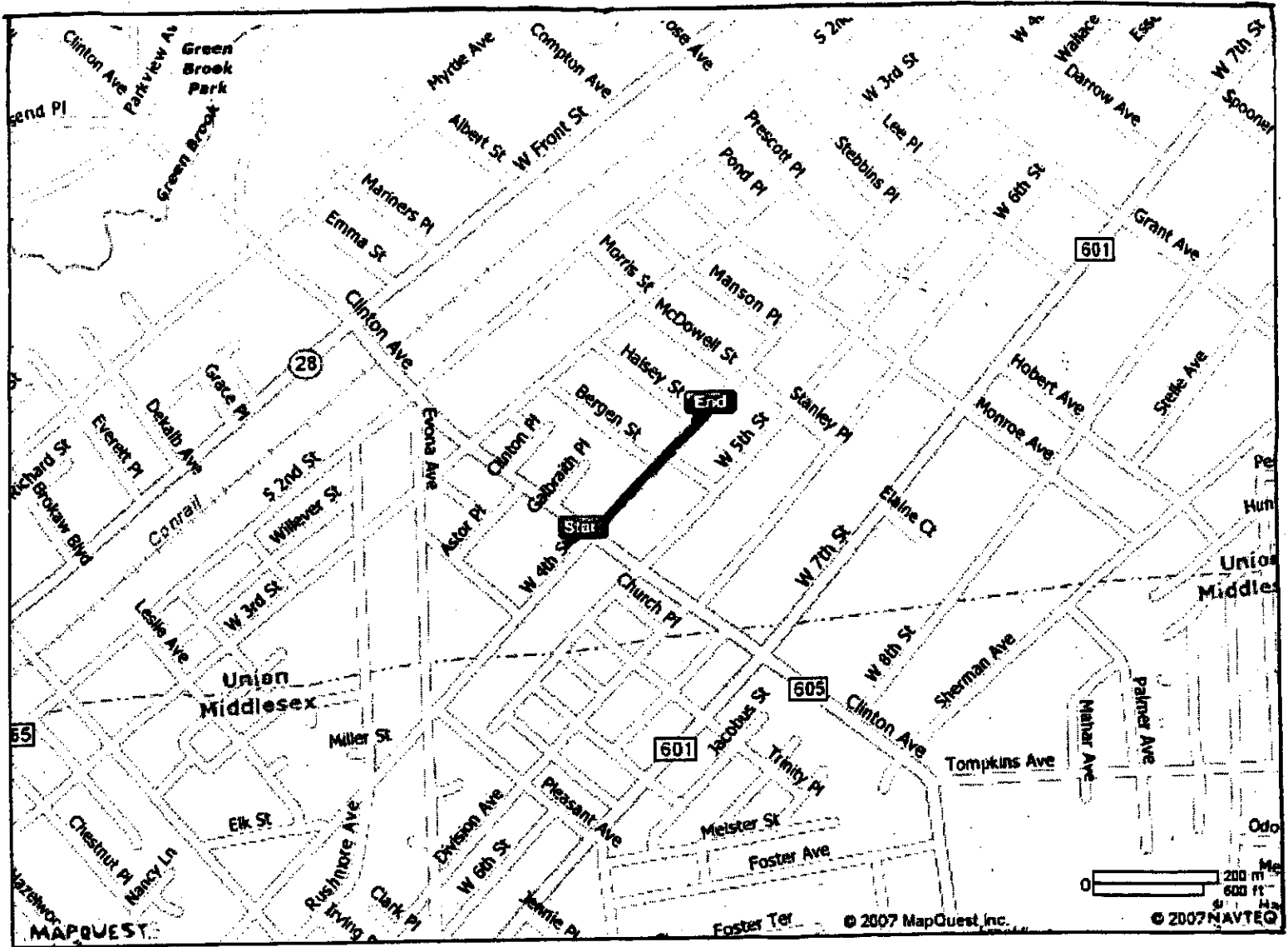
## **SCOPE OF WORK**

The City of Plainfield is requesting municipal funding for the reconstruction of West Fourth Street (Phase II). The project limits will be from Clinton Street to Halsey Street. The NJDOT has provided a FY2007 trust fund for the reconstruction of West Fourth Street (Phase I), from corporation limits to Clinton Street.

The roadway pavement is cracked and consists of several areas of water ponding. The recommended method for reconstructing the roadway would be to excavate the existing pavement, replace with a six (6) inch thick dense graded aggregate base course, four (4) inch thick hot mix asphalt base course (Mix I-2), and a two (2) inch hot mix asphalt surface course (Mix I-5).

Also included in this project is the replacement of sidewalk, driveway aprons and curbs. Additionally, the installation of public sidewalk handicap ramps and traffic striping is also being proposed.

The proposed improvements will improve drainage, ride quality and safety along the roadway. Resurfacing will alleviate ponding issues as well as increase skid resistance. The installation of public sidewalk handicap ramps will provide safe crossing locations for pedestrians.



## PROJECT LOCATION

**REMINGTON & VERNICK ENGINEERS**

15-33 Halsted Street, East Orange, New Jersey

**PRELIMINARY ENGINEER'S ESTIMATE****PROJECT NAME:**

RECONSTRUCTION OF WEST FOURTH STREET (PHASE II) - FROM CLINTON STREET TO HALSEY STREET

**PROJECT NUMBER:****CLIENT:**

CITY OF PLAINFIELD

10-Jul-07

#	DESCRIPTION	UNITS	ESTIMATED QUANTITY	EST. UNIT PRICE	AMOUNT
1	ROADWAY EXCAVATION, EARTH	CY	1710	\$20.00	\$34,200.00
2	TREE REMOVAL	UN	4	\$1,000.00	\$4,000.00
3	DENSE GRADED AGGREGATE, BASE COURSE, 6" THICK	SY	5135	\$15.00	\$77,025.00
4	HOT MIX ASPHALT BASE COURSE, MIX I-2, 4" THICK	TON	1130	\$90.00	\$101,700.00
5	HOT MIX ASPHALT SURFACE COURSE, MIX I-5, 2" THICK	TON	560	\$100.00	\$56,000.00
6	TACK COAT	GAL	770	\$2.25	\$1,732.50
7	PRIME COAT	GAL	1800	\$2.25	\$4,050.00
8	9"X18" CONCRETE VERTICAL CURB	LF	1550	\$25.00	\$38,750.00
9	CONCRETE SIDEWALK, 4" THICK	SY	290	\$65.00	\$18,850.00
10	CONCRETE DRIVEWAY, 6" THICK	SY	410	\$75.00	\$30,750.00
11	DETECTABLE WARNING TRUNCATED DOMES	SF	80	\$50.00	\$4,000.00
12	REPLACE INLET CASTINGS AND CURB PIECE	UN	7	\$1,200.00	\$8,400.00
13	RESET MANHOLE CASTINGS	UN	7	\$750.00	\$5,250.00
14	TRAFFIC STRIPES, LONGLIFE, EPOXY RESIN	LF	2100	\$5.00	\$10,500.00
15	LOOP DETECTOR	LF	130	\$10.00	\$1,300.00
16	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1	\$7,000.00	\$7,000.00
17	TREE REPLACEMENT	UN	4	\$700.00	\$2,800.00
18	RESET VENT / VALVE BOXES	LS	1	\$2,000.00	\$2,000.00
19	TOPSOILING, 4" THICK	SY	1350	\$4.00	\$5,400.00
20	FERTILIZING AND SEEDING, TYPE A-3	SY	1350	\$4.00	\$5,400.00
ESTIMATED CONSTRUCTION COST:					\$419,107.50
CONSTRUCTION CONTINGENCY +/- (10%):					\$41,910.75
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>					<b>\$461,018.25</b>
MATERIALS TESTING & CONSTRUCTION INSPECTION (15%):					\$69,152.74
<b>TOTAL ESTIMATED PROJECT COST:</b>					<b>\$530,170.99</b>

**"Appendix RD"**  
**Roadway Data Sheet**

Project - West Fourth Street (Phase II)

From: - Clinton Street To: - Halsey Street

Municipality - City of Plainfield County - Union

**Existing Road Conditions**

Current ADT - 1000 % Truck Traffic over 5 Tons - 1% Legal Speed Limit - 25 mph

Right of Way Width - 66'

Pavement Width - 44' Type - HMA Base Depth - 6" Surface Depth 2"

Shoulder Width - N/A Type - \_\_\_\_\_ Depth - \_\_\_\_\_  
(If different for each side or varying, provide minimum width for each side)

Curbing - One Side - \_\_\_\_\_ Both Sides - X

Sidewalk - One Side - \_\_\_\_\_ Both Sides - X

Parking Restrictions - None

Existing Bridge being replaced or repaired - Yes \_\_\_\_\_ No X

If Yes, and is part of project, complete Appendix BR

**Proposed Improvements**

Right of Way Width - (No Change)

Pavement Width - 44' Type - HMA Base Depth - 6" HMA Surface Depth - 2" HMA

Shoulder Width - N/A Type - N/A Depth - N/A  
(If different for each side or varying, provide minimum width for each side)

Curbing - One Side - \_\_\_\_\_ Both Sides - X

Sidewalk - One Side - \_\_\_\_\_ Both Sides - X

Parking Restrictions - None

Will the project meet AASHTO standards? - Yes X No \_\_\_\_\_ If No, list Design Exceptions below

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## ASPHALT PAVEMENT RATING FORM

Street or Route	West Fourth Street	City or County		Plainfield City
Length of Project	0.18 miles	Width		44'
Pavement Type	HMA	Date		7/9/2007

(Note: A rating of "0" indicates defect does not occur)

DEFECTS	0 - 5	RATING
Transverse Cracks	0 - 5	5
Longitudinal Cracks	0 - 5	5
Alligator Cracks	0 - 10	3
Shrinkage Cracks	0 - 5	2
Rutting	0 - 10	2
Corrugations	0 - 5	0
Raveling	0 - 5	0
Shoveling or Pushing	0 - 10	0
Pot Holes	0 - 10	5
Excess Asphalt	0 - 10	0
Polished Aggregate	0 - 5	0
Deficient Drainage	0 - 10	8
Overall Riding Quality (0=excellent, 10=very poor)	0 - 10	4
Sum of Defects		34

Condition Rating = 100 - Sum of Defects

$$= 100 - \frac{34}{\quad}$$

Condition rating =

66



REMINGTON & VERNICK  
ENGINEERS

Prepared by: Jesse Horsford  
Date: 7/9/2007

**ROAD ASSESSMENT**

Client: City of Plainfield

Road Name: West Fourth Street (Phase II) From: Clinton Street To: Halsey Street

**CURBS:** Material: Concrete, Slate  
Reveal: 4"  
Condition: Fair To Poor  
Other: \_\_\_\_\_

**SIDEWALKS:** Material Concrete  
Approx. elev. from curb/cartway: \_\_\_\_\_  
Condition: Fair  
Other: \_\_\_\_\_

**STORM DRAINAGE:** Yes , No \_\_\_\_\_, If yes, location? Clinton Avenue & West Fourth Street

**CARTWAY:** Material: HMA  
Condition: Poor  
Surface Indicators: Map & Alligator Cracking, Settlement  
Other: \_\_\_\_\_

**SOIL LOG: (24" Depth Minimum)**

Location: \_\_\_\_\_  
0" - 2" : \_\_\_\_\_  
2" - 6" : \_\_\_\_\_  
6" - 12" : \_\_\_\_\_  
12" - 16" : \_\_\_\_\_  
16" - 20" : \_\_\_\_\_  
20" - 24" : \_\_\_\_\_  
Ground Water Encountered Yes \_\_\_\_\_, No \_\_\_\_\_, If yes, what depth? \_\_\_\_\_

**MINIMUM RECOMMENDATION:**

Full Depth Reconstruction

**OTHER OBSERVATIONS:**

Remove and Replace curb, sidewalk and driveways as needed