



**Department of
Design and
Construction**

**THE CITY OF NEW YORK
DEPARTMENT OF DESIGN AND CONSTRUCTION
DIVISION OF INFRASTRUCTURE**

LAW

30-30 THOMSON AVENUE
LONG ISLAND CITY, NEW YORK 11101-3045
TELEPHONE (718) 391-1000
WEBSITE www1.nyc.gov/site/ddc/index.page

VOLUME 1 OF 3

BID BOOKLET

FOR FURNISHING ALL LABOR AND MATERIALS NECESSARY AND
REQUIRED FOR:

PROJECT ID: HWQ100FJM

**RECONSTRUCTION OF
MAIN STREET (FLUSHING – JAMAICA – THE BRONX)
SELECT BUS SERVICE**

INCLUDING BUS PADS, PAVEMENT, CURB AND SIDEWALK,
STREET LIGHTING, TRAFFIC SIGNAL WORK, SEWER AND WATER MAIN

Together With All Work Incidental Thereto

**BOROUGH OF QUEENS AND THE BRONX
CITY OF NEW YORK**

FOR THE DEPARTMENT OF TRANSPORTATION
PREPARED BY

PARSONS

DECEMBER 6, 2017



8-070



**Department of
Design and
Construction**

Ana Barrio
Acting Commissioner

Justin Walter
Chief Administrative Officer
Administration

May 14, 2018

CERTIFIED MAIL - RETURN RECEIPT REQUEST

GIANFIA CORP
179 BRADY AVE
HAWTHORNE, NY 10532

RE: FMS ID: HWQ100FJM
E-PIN: 85018B0070001
DDC PIN: 8502018HW0033C
RECONSTRUCTION OF MAIN STREET
(FLUSHING-JAMAICA-THE BRONX)
SELECT BUS SERVICE

NOTICE OF AWARD

Dear Contractor:

You are hereby awarded the above referenced contract based upon your bid in the amount of \$9,256,439.60 submitted at the bid opening on March 01, 2018. Within ten (10) days of your receipt of this notice of award, you are required to take the actions set forth in Paragraphs (1) through (3) below. For your convenience, attached please find a copy of Schedule A of the General Conditions to the Contract, which sets forth the types and amounts of insurance coverage required for this contract.

- (1) Execute two copies of the Agreement in the Contracts Unit, 30-30 Thomson Avenue, 1st Floor, Long Island City, New York (IDCNY Building). A Commissioner of Deeds will be available to witness and notarize your signature. The Agreement must be signed by an officer of the corporation or a partner of the firm.
- (2) Submit to the Contracts Unit two properly executed performance and payment bonds. If required for this contract, copies of performance and payment bonds are attached.
- (3) Submit to the Contracts Unit the following insurance documentation: (a) original certificate of insurance for general liability in the amount required by Schedule A, and (b) original certificates of insurance or other proof of coverage for workers' compensation and disability benefits, as required by New York State Law. The insurance documentation specified in this paragraph is required for registration of the contract with the Comptroller's Office.



**Department of
Design and
Construction**

On or before the contract commencement date, you are required to submit all other certificates of insurance and/or policies in the types and amounts required by Schedule A. Such certificates of Insurance and/or policies must be submitted to the Agency Chief Contracting Office, Attention: Risk Manager, Fourth Floor at the above indicated department address.

Your attention is directed to the section of the Information for Bidders entitled "Failure to Execute Contract". As indicated in this section, in the event you fail to execute the contract and furnish the required bonds within the (10) days of your receipt of this notice of award, your bid security will be retained by the City and you will be liable for the difference between your bid price and the price for which the contract is subsequently awarded, less the amount of the bid security retained.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael Shipman', written over a horizontal line.

**Michael Shipman
Director of Contracts**

Notices to Bidders

Pre-Bid Questions (PBQs)

Please be advised that PBQs should be submitted to the Agency Contact Person (CSB_projectinquiries@ddc.nyc.gov) at least five (5) business days (by 5:00 PM EST) prior to the bid opening date as indicated in ATTACHMENT 1 - BID INFORMATION, page A-1 and SCHEDULE B, page 13, VOLUME 1 OF 3 of this BID BOOKLET.

All PBQs must reference the Project ID. If a Bidder has multiple PBQs for the same Project ID, the PBQs must be numbered sequentially, even if they are submitted separately.

Apprenticeship Program

If Apprenticeship Program is required as noted on Page 19 of this BID BOOKLET, the following notice applies:

Please be advised that, pursuant to the authority granted to the City under Labor Law §816-b, the New York City Department of Design and Construction hereby requires that the contractor awarded a contract as a result of this solicitation, and any of its subcontractors with subcontracts worth two million dollars or over, have, prior to entering into such contract or subcontract, apprenticeship agreements appropriate for the type and scope of work to be performed that have been registered with, and approved by, the New York State Commissioner of Labor. In addition, the contractor and its subcontractors will be required to show that such apprenticeship program/s have successfully passed the two year Probation period following the initial registration date of such program/s with the New York State Department of Labor.

The failure to prove, upon request, that these requirements have been met shall result in the contract not being awarded to the contractor or the subcontractor not being approved.

Please be further advised that, pursuant to Labor Law §220, the allowable ratio of apprentices to journeypersons in any craft classification shall not be greater than the ratio permitted to the contractor as to its workforce on any job under the registered apprenticeship program.

Notices to Bidders

PASSPort Disclosure Filing

All vendors that intend to do business with the City of New York must complete a disclosure process in order to be considered for a contract. This disclosure process was formerly completed using Vendor Information Exchange System (VENDEX) paper-based forms. The City of New York has moved collection of vendor disclosure information online. In early August 2017, the New York City Mayor's Office of Contract Services (MOCS) launched the **Procurement and Sourcing Solutions Portal (PASSPort)**, a new online procurement system that replaced the paper-VENDEX process. In anticipation of awards, all bidders must create online accounts in the new PASSPort system, and file all disclosure information using PASSPort. **Paper submissions, including certifications of no changes to existing VENDEX packages will not be accepted in lieu of complete online filings.**

All vendors that intend to do business with the City, but specifically those that fall into any of the following categories, are required to enroll:

- Have a pending award with a City Agency; or
- Hold a current contract with a City Agency and have either an expiring VENDEX or expiring Certificate of No Change.

The Department of Design and Construction (DDC) and MOCS hereby notifies all proposers that the PASSPort system is available, and that disclosure filing completion is required prior to any award through this competitive bid.

To enroll in PASSPort and to access the PASSPort website (including online training), please visit www.nyc.gov/passport. Contact MOCS at passport@mocs.nyc.gov for additional information and technical support.

Notices to Bidders

NYC Construction Loan Pilot Program

The New York City Department of Small Business Services (SBS), in conjunction with the New York Business Development Corporation (NYBDC), have established a **NYC Construction Loan** pilot program to provide prime contractors and subcontractors financing for mobilization costs on certain City construction projects.

Under this initiative, loans are available for early stage mobilization needs such as insurance, labor, supplies and equipment. Bidders are strongly encouraged to visit "Growing Your Business" at www.nyc.gov/nycbusiness to learn more about the loan or contact constructionloan@sbs.nyc.gov / (212) 513-6444 to obtain details and to determine preliminary eligibility.

A successful loan applicant will be required to make an assignment of its contract (or subcontract) payments to the lender NYBDC until the loan is repaid. If the loan is to a subcontractor, a prime contractor must honor the terms of such an assignment.

A prime contractor may not discriminate against a subcontractor or potential subcontractor by reason of the subcontractor's participation, or nonparticipation, in the NYC Construction loan program.

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NOTICE TO BIDDERS:

NEW NOISE REQUIREMENTS

The bidder is notified that conformance with NYC City Council Introduction 1653-2017 (<https://laws.council.nyc.gov/legislation/int-1653-2017/>) is required for all work to be performed under this contract.

No separate payment will be made for conformance with this requirement, and the costs thereof must be included in the prices bid for all items of work.

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CITY OF NEW YORK

DEPARTMENT OF
DESIGN AND CONSTRUCTION
DIVISION OF INFRASTRUCTURE

BID BOOKLET

FOR FURNISHING ALL LABOR AND MATERIALS NECESSARY AND REQUIRED FOR:

PROJECT ID: HWQ100FJM

RECONSTRUCTION OF
MAIN STREET (FLUSHING – JAMAICA – THE BRONX)
SELECT BUS SERVICE

INCLUDING BUS PADS, PAVEMENT, CURB AND SIDEWALK,
STREET LIGHTING, TRAFFIC SIGNAL WORK, SEWER AND
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BOROUGH OF QUEENS AND THE BRONX
CITY OF NEW YORK

(NO TEXT ON THIS PAGE)

PROJECT ID: HWQ100FJM

**CITY OF NEW YORK
DEPARTMENT OF DESIGN AND CONSTRUCTION
DIVISION OF INFRASTRUCTURE**

BID BOOKLET

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**CITY OF NEW YORK
DEPARTMENT OF DESIGN AND CONSTRUCTION
DIVISION OF INFRASTRUCTURE**

SPECIAL NOTICE TO BIDDERS

BID SUBMISSION REQUIREMENTS

THE FOLLOWING DOCUMENTS ARE TO BE COMPLETED AND SUBMITTED WITH THE BID:

1. Bid Schedule and Bid Form, including Affirmation
2. Bid Security (if required, see Attachment 1 on Page A-1)
3. Schedule B: M/WBE Utilization Plan (if participation goals have been established)

**FAILURE TO SUBMIT ITEMS (1), (2) AND (3)
WILL RESULT IN THE DISQUALIFICATION OF THE BID.**

4. Safety Questionnaire
5. Construction Employment Report (if bid is \$1,000,000 or more)
6. Contract Certificate (if bid is less than \$1,000,000)
7. Confirmation of Vendex Compliance
8. Bidder's Certification of Compliance with Iran Divestment Act
9. Special Experience Requirements (if applicable)
10. Apprenticeship Program Questionnaire (if applicable)
11. Any addenda issued prior to the receipt of bids

**FAILURE TO SUBMIT ITEMS (4) THROUGH (11)
MAY RESULT IN THE DISQUALIFICATION OF THE BID.**

NOTES:

- (1) All of the above referred to blank forms to be completed and submitted with the bid are included in the BID BOOKLET.
- (2) If the bidder has any questions or requires additional information, please contact the Department of Design and Construction by phone (718-391- 2601), or by fax (718-391-2627), or via E-mail: CSB_projectinquiries@ddc.nyc.gov.
- (3) VENDEX QUESTIONNAIRES: The Bidder is advised that Vendex Questionnaires and procedures have been changed. Vendex Questionnaires, as well as detailed instructions, may be obtained at www.nyc.gov/vendex. The bidder may also obtain Vendex forms and instructions by contacting the Agency Chief Contracting Officer or the contact person for this contract.
- (4) SPECIAL EXPERIENCE REQUIREMENTS: The Bidder is advised that Special Experience Requirements may apply to this contract. Such requirements are set forth on pages 3, 3a, 3b, and 4 of this Bid Booklet.

SPECIAL NOTICE TO BIDDERS

SPECIAL EXPERIENCE REQUIREMENTS (Revised 03/2014)

- (A) **SPECIAL EXPERIENCE REQUIREMENTS FOR THE BIDDER:** The Special Experience Requirements set forth below apply to the bidder. Compliance with such Special Experience Requirements will be determined solely by the City prior to an award of contract. Failure to comply with the Special Experience Requirements will result in rejection of the bid as non-responsive.

The requirements in this Section (A) apply to this contract where indicated by a blackened box (■).

- The bidder must, within the last seven (7) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least one (1) project similar in scope and type to the required work. Such prior project may have been performed as a prime contractor, subcontractor or sub-subcontractor.

The Special Experience Requirements next to the blackened box below apply to the bidder. If the bidder intends to perform such work itself, it must demonstrate compliance with the Special Experience Requirements. If the bidder intends to subcontract this work, the proposed subcontractor or sub-subcontractor must demonstrate compliance with the Special Experience Requirements. The contractor, subcontractor or sub-subcontractor (hereinafter referred to as the "entity") that will perform any specific area of work indicated by the blackened box below, may have performed the required prior project(s) as a prime contractor, subcontractor or sub-subcontractor. Once approved, no substitution will be permitted, unless the qualifications of the proposed replacement have been approved in writing in advance by the City.

- Trunk Water Main Work:** The entity that will perform the trunk water main work must, within the last seven (7) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least one (1) project similar in scope and type to the required work.
- Best Management Practice Work:** Best Management Practice ("BMP") Work is any item of work in the Bid Schedule that begins with the prefix "BMP". The entity that will perform any BMP Work must, within the last five (5) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least three (3) projects similar in scope and type to the required work.

For professional services in connection with BMP Work, (i.e., monitoring and reporting services), the individual who will perform the required services must, within the last five (5) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least three (3) projects similar in scope and type to the required work. Additional requirements are set forth below.

- The individual serving as the Restoration Specialist (Construction Monitor) must be a Registered Landscape Architect licensed by the state of New York, or must have equivalent professional experience.
- The individual serving as the Erosion and Sediment Control Licensed/Certified Professional must be a Certified Professional in Erosion and Sediment Control (CPESC), certified by CPESC, Inc.
- Micro-Tunneling/Pipe Jacking Work:** The entity that will perform the micro-tunneling/pipe jacking work must, within the last five (5) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least two (2) projects similar in scope and type to the required work.
- OTHER:** _____

(B) SPECIAL EXPERIENCE REQUIREMENTS FOR SPECIFIC AREAS OF WORK (to be provided after an award of contract):

The requirements in this Section (B) apply to this contract where indicated by a blackened box (■).

The Special Experience Requirements set forth below apply to the contractor, subcontractor or sub-subcontractor that will perform the specific area of work. **Compliance with such Special Experience Requirements will be determined solely by the City after an award of contract.** After an award of contract, when requested by the City, the contractor will be required to submit the qualifications of the contractor, subcontractor or sub-subcontractor that will perform the specific area of work. If the bidder intends to perform such work itself, it must demonstrate compliance with the Special Experience Requirements. If the bidder intends to subcontract this work, the proposed subcontractor or sub-subcontractor must demonstrate compliance with the Special Experience Requirements. Once approved, no substitution will be permitted, unless the qualifications of the proposed replacement have been approved in writing in advance by the City.

Special Experience Requirements apply to the contractor, subcontractor or sub-subcontractor (hereinafter referred to as the "entity") that will perform any specific area of work indicated by a blackened box. The entity may have performed the required prior project(s) as a prime contractor, subcontractor or sub-subcontractor.

- Hazmat Work:** Hazmat Work is any item of work in the Bid Schedule that begins with the prefix 8.01. The entity that will perform any Hazmat Work must, within the last three (3) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least five (5) projects similar in scope and type to the required work.
- Pile, CFA Pile, and/or Mini-Pile Work:** The entity that will perform the Pile, CFA Pile and/or Mini-Pile Work must, within the last three (3) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least two (2) projects similar in scope and type to the required work.

For professional services in connection with Pile Work, (i.e., engineering and inspection services), the individual who will perform the required services must be a Professional Engineer licensed by the state of New York. Such individual must also comply with the above requirements for prior projects.

- Construction Report, Monitoring And Post-Construction Report, and Continuous Real-Time Monitoring For Vibrations And Movements And Post-Construction Report Work:** The entity that will perform the Construction Report, Monitoring For Vibrations And Movements, and Post-Construction Report Work must, within the last three (3) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least two (2) projects similar in scope and type to the required work.

For professional services in connection with Reporting and Monitoring Work, (i.e., engineering and inspection services), the individual who will perform the required services must be a Professional Engineer licensed by the state of New York. Such individual must also comply with the above requirements for prior projects.

- OTHER:**

(C) **SPECIFICATIONS:** In the event of any conflict, omission or inconsistency between (1) the Specifications and/or Contract Drawings, and (2) the Special Experience Requirements in Section (B) of the Special Notice To Bidders, the special experience listed in the Specifications and/or Contract Drawings shall be controlling. The Special Experience Requirements in Section (B) of this Special Notice To Bidders are only for the convenience of the bidders.

(D) **SUBMISSION REQUIREMENTS:** For each project submitted to demonstrate compliance with the Special Experience Requirements, the bidder must complete and submit the Qualification Form included in the Bid Booklet. The City will only evaluate a project if the following criteria are met: (1) the project is described on the Qualification Form, and (2) all information on the Qualification Form is provided. The City will not evaluate any project which does not comply with the criteria set forth herein, including any project which is referred to only on the resume of an individual.

If Special Experience Requirements are indicated for any specific area of work, the submission requirement set forth above shall apply to the entity that will perform the specific area of work.

(E) **CONDITIONS:** In determining compliance with the Special Experience Requirements for the bidder set forth above, the City may consider prior projects completed by principal(s) or other employees of the bidder while affiliated with another entity, subject to the conditions set forth below.

- Any principal or other employee on whose prior experience the bidder is relying to demonstrate compliance with this special experience requirement must have held the following: (a) a significant management role in the prior entity with which he/she was affiliated, and (b) a significant management role in the entity submitting the bid for a period of at least six (6) months, or from the inception of the bidding entity.
- The bidder may not rely on the experience of its principals or other employees to demonstrate compliance with any other requirements, including without limitation, financial requirements or requirements for a specified minimum amount of annual gross revenues.

(F) **JOINT VENTURES:** In the event the bidder is a joint venture, at least one firm in the joint venture must meet the above described experience requirements.

Qualification Form

List previous projects completed to meet the special experience requirements for this contract.
Please photocopy this form for submission of all required projects.

Name of Contractor: GIANFIA CORP.

Name of Project: STONE WALL & PATHWAY REHABILITATION AT LENOIR PARK

Location of Project: YONKERS, NY

Owner or Owner's representative (Architect or Engineer) who is familiar with the work performed:

Name: JOE MACCARRIELLO - WESTCHESTER COUNTY DPW

Title: COUNTY INSPECTOR Phone Number: (914) 438-5415

Brief description of the Project completed or the Project in progress:
40 ACRES SITE REHABILITATION, ROADWAYS, INFRASTRUCTURES, LANDSCAPE MASONRY REPAIRS

Was the Project performed as a prime, a subcontractor or a sub-subcontractor: PRIME

Amount of Contract, Subcontract or Sub-subcontract: \$2,284,692.80

Start Date and Completion Date: 06/01/17 - 11/28/17

Name of Contractor: GIANFIA CORP.

Name of Project: SARAH LAWRENCE CAMPUS CENTER

Location of Project: BRONXVILLE, NY

Owner or Owner's representative (Architect or Engineer) who is familiar with the work performed:

Name: JOHN MESSER - CONSIGLI CONSTRUCTION

Title: INSPECTOR Phone Number: (845) 204-4587

Brief description of the Project completed or the Project in progress:
EXPANSION OF FIVE PARKING LOTS, INFRASTRUCTURES, PAVING, CONCRETE SIDEWALKS, CURBS

Was the Project performed as a prime, a subcontractor or a sub-subcontractor: PRIME

Amount of Contract, Subcontract or Sub-subcontract: \$938,280.00

Start Date and Completion Date: 06/12/17 - 08/29/17

ATTACHMENT 1 - BID INFORMATION

PROJECT ID: HWQ100FJM
PIN: 8502018HW0033C

Description and Location of Work:

**RECONSTRUCTION OF
MAIN STREET (FLUSHING – JAMAICA – THE BRONX)
SELECT BUS SERVICE**

**INCLUDING BUS PADS, PAVEMENT, CURB AND SIDEWALK,
STREET LIGHTING, TRAFFIC SIGNAL WORK, SEWER AND WATER MAIN**

Together With All Work Incidental Thereto

**BOROUGH OF QUEENS AND THE BRONX
CITY OF NEW YORK**

Documents Available At: 30-30 Thomson Avenue
First Floor Bid Procurement Room
Long Island City, New York 11101
8:30 A.M. to 4:00 P.M. – Monday through Friday

Submission of Bids To: 30-30 Thomson Avenue
First Floor Bid Procurement Room
Long Island City, New York 11101
Before 11:00 A.M. on **MARCH 1, 2018**

Bid Opening: 30-30 Thomson Avenue
First Floor Bid Procurement Room
Long Island City, New York 11101

Time and Date: 11:00 A.M. on **MARCH 1, 2018**

Pre-Bid Conference: Yes _____ No X
If Yes, Mandatory _____ Optional: _____
Time and Date: _____
Location: _____

Bid Security: Bid Security is required in the amount set forth below; provided, however, bid security is not required if the TOTAL BID PRICE set forth on the Bid Form is less than \$ 1,000,000.00.

- (1) Bond in an amount not less than 10% of the TOTAL BID PRICE set forth on the Bid Form, OR
- (2) Certified Check in an amount not less than 2% of the TOTAL BID PRICE set forth on the Bid Form.

Performance and Payment Security: Required for contracts in the amount of \$1,000,000 or more. Performance Security and Payment Security shall each be in an amount equal to 100% of the Contract Price.

Agency Contact Person: Lorraine Holley
Phone: 718-391-2601 FAX: 718-391-2627
Email: CSB_projectinquiries@ddc.nyc.gov

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LIST OF CONTRACT DRAWINGS

SHEET NO.	DWG NO.	DESCRIPTION
1	T1	TITLE
2	TC1	TABLE OF CONTENTS
3	SD1	LIST OF STANDARD DRAWINGS
4	LA1	LEGEND AND ABBREVIATIONS
5	GN1	GENERAL NOTES 1
6	GN2	GENERAL NOTES 2
7	SC1	MAIN STREET (VARIOUS LOCATIONS) 1
8	SC2	MAIN STREET (VARIOUS LOCATIONS) 2
9	SC3	UNION STREET AT 35TH AVENUE
10	SC4	UNION STREET AT 26TH AVENUE AND PARSONS BLVD AT WILLETS POINT BLVD
11	SC6	BRUCKNER BLVD AT BRUSH AVENUE AND HUTCHINSON RIVER PARKWAY AT LAFAYETTE AVE
12	SC7	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM NEWBOLD AVENUE TO HAVILAND AVENUE 1
13	SC8	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM NEWBOLD AVENUE TO HAVILAND AVENUE 2
14	SC9	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM ROSEDALE AVENUE TO TAYLOR AVENUE
15	TS1	TYPICAL SECTION - MAIN STREET AT ELDER AVENUE
16	M1	MISCELLANEOUS DETAILS - BUS STOPS IN NEW AND EXISTING ROADWAY
17	WF1	WAYFINDING DETAILS (1 OF 2)
18	WF2	WAYFINDING DETAILS (2 OF 2)
19	C1	MAIN STREET AT REEVES AVENUE
20	C2	MAIN STREET AT HORACE HARDING EXPRESSWAY
21	C3	MAIN STREET AT BOOTH MEMORIAL AVENUE
22	C4	MAIN STREET AT ELDER AVENUE
23	C5	UNION STREET AT 26TH AVENUE AND 35TH AVENUE

SHEET NO.	DWG NO.	DESCRIPTION
24	C6	PARSONS BOULEVARD AT WILLETS POINT BOULEVARD
25	C7	BRUCKNER BLVD AT BRUSH AVENUE AND HUTCHINSON RIVER PARKWAY AT LAFAYETTE AVE
26	C8	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM NEWBOLD AVENUE TO HAVILAND AVENUE
27	C9	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM ROSEDALE AVENUE TO TAYLOR AVENUE
28	U1	MAIN STREET AT REEVES AVENUE
29	U2	MAIN STREET AT HORACE HARDING EXPRESSWAY
30	U3	MAIN STREET AT BOOTH MEMORIAL AVENUE
31	U4	MAIN STREET AT ELDER AVENUE
32	U5	UNION STREET AT 26TH AVENUE AND 35TH AVENUE
33	U6	PARSONS BOULEVARD AT WILLETS POINT BOULEVARD
34	U7	BRUCKNER BLVD AT BRUSH AVENUE AND HUTCHINSON RIVER PARKWAY AT LAFAYETTE AVE
35	U8	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM NEWBOLD AVENUE TO HAVILAND AVENUE
36	U9	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM ROSEDALE AVENUE TO TAYLOR AVENUE
37	PM1	LEGEND, NOTES, AND TRAFFIC SIGN TABLE
38	PM2	MAIN STREET AT REEVES AVENUE
39	PM3	MAIN STREET AT HORACE HARDING EXPRESSWAY
40	PM4	MAIN STREET AT BOOTH MEMORIAL AVENUE
41	PM5	MAIN STREET AT ELDER AVENUE
42	PM6	UNION STREET AT 26TH AVENUE AND 35TH AVENUE
43	PM7	PARSONS BOULEVARD AT WILLETS POINT BOULEVARD
44	PM8	BRUCKNER BLVD AT BRUSH AVENUE AND HUTCHINSON RIVER PARKWAY AT LAFAYETTE AVE
45	PM9	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM NEWBOLD AVENUE TO HAVILAND AVENUE
46	PM10	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM ROSEDALE AVENUE TO TAYLOR AVENUE

SHEET NO.	DWG NO.	DESCRIPTION
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48	T2	TRAFFIC SIGNAL PLANS (2 OF 2)
49	SL1	MAIN STREET AT REEVES AVENUE
50	SL2	MAIN STREET AT HORACE HARDING EXPRESSWAY
51	SL3	MAIN STREET AT BOOTH MEMORIAL AVENUE
52	SL4	MAIN STREET AT ELDER AVENUE
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54	SL6	PARSONS BOULEVARD AT WILLETS POINT BOULEVARD
55	SL7	BRUCKNER BLVD AT BRUSH AVENUE AND HUTCHINSON RIVER PARKWAY AT LAFAYETTE AVE
56	SL8	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM NEWBOLD AVENUE TO HAVILAND AVENUE
57	SL9	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM ROSEDALE AVENUE TO TAYLOR AVENUE
58	FD1	FDNY COMMUNICATION BASE MAPS 1
59	FD2	FDNY COMMUNICATION BASE MAPS 2
60	TM1	TREE MITIGATION NOTES
61	TM2	MAIN STREET AT ELDER AVENUE
62	TM3	MAIN STREET AT BOOTH MEMORIAL AVENUE
63	TM4	MAIN STREET AT HORACE HARDING EXPRESSWAY
64	TM5	MAIN STREET AT REEVES AVENUE
65	TM6	UNION STREET AT 26TH AVENUE AND 35TH AVENUE
66	TM7	PARSONS BOULEVARD AT WILLETS POINT BOULEVARD
67	TM8	BRUCKNER BLVD AT BRUSH AVENUE AND HUTCHINSON RIVER PARKWAY AT LAFAYETTE AVE
68	TM9	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM NEWBOLD AVENUE TO HAVILAND AVENUE
69	TM10	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM ROSEDALE AVENUE TO TAYLOR AVENUE
70	TM11	TREE MITIGATION TABLE (1 OF 3)

SHEET NO.	DWG NO.	DESCRIPTION
71	TM12	TREE MITIGATION TABLE (2 OF 3)
72	TM13	TREE MITIGATION TABLE (3 OF 3)
73	TM14	TREE MITIGATION DETAILS (1 OF 2)
74	TM15	TREE MITIGATION DETAILS (2 OF 2)
75	LD1	MAIN STREET AT REEVES AVENUE
76	LD2	MAIN STREET AT HORACE HARDING EXPRESSWAY
77	LD3	MAIN STREET AT BOOTH MEMORIAL AVENUE
78	LD4	MAIN STREET AT ELDER AVENUE
79	LD5	UNION STREET AT 26TH AVENUE AND 35TH AVENUE
80	LD6	PARSONS BOULEVARD AT WILLETS POINT BOULEVARD
81	LD7	BRUCKNER BLVD AT BRUSH AVENUE AND HUTCHINSON RIVER PARKWAY AT LAFAYETTE AVE
82	LD8	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM NEWBOLD AVENUE TO HAVILAND AVENUE
83	LD9	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM ROSEDALE AVENUE TO TAYLOR AVENUE
84	LP1	PLANTING NOTES AND SCHEDULE
85	LP2	MAIN STREET AT REEVES AVENUE
86	LP3	MAIN STREET AT ELDER AVENUE
87	LP4	MAIN STREET AT BOOTH MEMORIAL AVENUE
88	LP5	MAIN STREET AT HORACE HARDING EXPRESSWAY
89	LP6	UNION STREET AT 26TH AVENUE AND 35TH AVENUE
90	LP7	PARSONS BOULEVARD AT WILLETS POINT BOULEVARD
91	LP8	BRUCKNER BLVD AT BRUSH AVENUE AND HUTCHINSON RIVER PARKWAY AT LAFAYETTE AVE
92	LP9	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM NEWBOLD AVENUE TO HAVILAND AVENUE
93	LP10	CROSS BRONX EXPRESSWAY SERVICE ROAD FROM ROSEDALE AVENUE TO TAYLOR AVENUE
94	LP11	LANDSCAPE PLANTING DETAILS

SHEET NO.	DWG NO.	DESCRIPTION
95	BF1	MAIN STREET AT REEVES AVENUE
96	BF2	MAIN STREET AT HORACE HARDING EXPRESSWAY
97	BF3	MAIN ST AT BOOTH MEMORIAL AVENUE
98	BF4	MAIN ST AT ELDER AVENUE
99	BF5	UNION STREET AT 35TH AVENUE
100	BF6	UNION STREET AT 26TH AVENUE
101	BF7	PARSONS BOULEVARD AT WILLETS POINT BOULEVARD
102	BF8	BRUCKNER BLVD AT BRUSH AVENUE AND HUTCHINSON RIVER PARKWAY AT LAFAYETTE AVE
103	BF9	CROSS BRONX EXPY SR FROM NEWBOLD AVENUE AND HAVILAND AVENUE
104	BF10	CROSS BRONX EXPY SR FROM ROSEDALE AVENUE TO TAYLOR AVENUE
105	BF11	LEANING BAR DETAILS (1 OF 6)
106	BF12	LEANING BAR DETAILS (2 OF 6)
107	BF13	LEANING BAR DETAILS (3 OF 6)
108	BF14	LEANING BAR DETAILS (4 OF 6)
109	BF15	LEANING BAR DETAILS (5 OF 6)
110	BF16	LEANING BAR DETAILS (6 OF 6)
111	BF17	DETECTABLE WARNING STRIP DETAIL
112	BF18	TYPICAL MFC PLAN AND SECTION
113	BF19	CITY BOX DETAIL
114	BF20	TYPICAL BUS FARE COLLECTION MACHINE PROTECTION DETAIL
115	MT1	MPT NOTES (1 OF 2)
116	MT2	MPT NOTES (2 OF 2)
117	MT3	MPT SIGNS AND LEGEND
118	MT4	MPT STAGE 1 - WATER MAIN INSTALLATION
119	MT5	MPT STAGE 2 - INSTALLATION OF CATCH BASINS AND BASIN CONNECTIONS

SHEET NO.	DWG NO.	DESCRIPTION
120	MT6	MPT STAGE 3 - CONSTRUCTION OF NEW CURBS
121	MT7	MPT STAGE 4 - CONSTRUCTION OF NEW SIDEWALKS
122	MT8	MPT STAGE 5 - ROADWAY RECONSTRUCTION
123	MT9	MPT INSTALLATION OF NEW BUS PADS
124	MT10	MAIN STREET AT REEVES AVENUE - CONSTRUCTION OF ISLAND - 1
125	MT11	MAIN STREET AT REEVES AVENUE - CONSTRUCTION OF PAVEMENT - 2
126	MT12	MAIN STREET AT REEVES AVENUE - CONSTRUCTION OF CURB - 3
127	MT13	MAIN STREET AT REEVES AVENUE - CONSTRUCTION OF PAVEMENT - 4
128	MT14	MAIN STREET AT REEVES AVENUE - CONSTRUCTION OF ISLAND - 5
129	MT15	MAIN STREET AT REEVES AVENUE - CONSTRUCTION OF PAVEMENT - 7
130	MT16	MAIN STREET AT REEVES AVENUE - CONSTRUCTION OF PAVEMENT - 8
131	MT17	MAIN STREET AT REEVES AVENUE - CONSTRUCTION OF PAVEMENT - 9
132	MT18	MAIN STREET AT HORACE HARDING EXPWY - CONSTRUCTION OF CURBS - 1
133	MT19	MAIN STREET AT HORACE HARDING EXPWY - CONSTRUCTION OF SIDEWALKS - 2
134	MT20	MAIN STREET AT HORACE HARDING EXPWY - CONSTRUCTION OF BUS PAD - 4
135	MT21	MAIN STREET AT HORACE HARDING EXPWY - CONSTRUCTION OF CURBS - 5
136	MT22	MAIN STREET AT HORACE HARDING EXPWY - CONSTRUCTION OF SIDEWALKS - 6
137	MT23	MAIN STREET AT HORACE HARDING EXPWY - CONSTRUCTION OF BUS PADS - 7
138	MT24	MAIN STREET AT HORACE HARDING EXPWY - CONSTRUCTION OF MEDIAN ISLAND - 8
139	MT25	MAIN STREET AT BOOTH MEMORIAL AVENUE - CONSTRUCTION OF CURBS - 1

SHEET NO.	DWG NO.	DESCRIPTION
140	MT26	MAIN STREET AT BOOTH MEMORIAL AVENUE - CONSTRUCTION OF SIDEWALKS - 2
141	MT27	MAIN STREET AT BOOTH MEMORIAL AVENUE - CONSTRUCTION OF BUS PAD - 3
142	MT28	MAIN STREET AT ELDER AVENUE - INSTALLATION OF WATER MAINS - 1
143	MT29	MAIN STREET AT ELDER AVENUE - INSTALLATION OF WATER MAINS - 2
144	MT30	MAIN STREET AT ELDER AVENUE - INSTALLATION OF SEWERS - 3
145	MT31	MAIN STREET AT ELDER AVENUE - INSTALLATION OF SEWERS - 4
146	MT32	MAIN STREET AT ELDER AVENUE - CONSTRUCTION OF NB PAVEMENT - 5
147	MT33	MAIN STREET AT ELDER AVENUE - CONSTRUCTION OF NB PAVEMENT - 8
148	MT34	MAIN STREET AT ELDER AVENUE - CONSTRUCTION OF MEDIAN ISLANDS - 10
149	MT35	MAIN STREET AT ELDER AVENUE - CONSTRUCTION OF SB PAVEMENT - 6
150	MT36	MAIN STREET AT ELDER AVENUE - CONSTRUCTION OF SB PAVEMENT - 7
151	MT37	MAIN STREET AT ELDER AVENUE - CONSTRUCTION OF NB PAVEMENT - 9
152	MT38	UNION STREET AT 35TH AVENUE - INSTALLATION OF WATER MAINS
153	B1	RECORD OF BORINGS 1
154	B2	RECORD OF BORINGS 2
155	B3	RECORD OF BORINGS 3

LIST OF STANDARD DRAWINGS

DWG NO.	DESCRIPTION	AGENCY
H-1003B	PEDESTRIAN CROSSWALK - MALL TYPE B	NYC DOT HIGHWAY
H-1004	TYPICAL TEMPORARY PEDESTRIAN PASSAGEWAY IN ROADWAY AREA DURING CONSTRUCTION	NYC DOT HIGHWAY
H-1005	BUS STOP IN NEW ROADWAY	NYC DOT HIGHWAY
H-1005A	BUS STOP IN EXISTING ROADWAY	NYC DOT HIGHWAY
H-1010	STEEL FACED CONCRETE CURB, STEEL FACING TYPE D	NYC DOT HIGHWAY
H-1011	SIDEWALK PEDESTRIAN RAMPS	NYC DOT HIGHWAY
H-1012	TIMBER CURB	NYC DOT HIGHWAY
H-1013	ILLUMINATED TIMBER BARRICADE	NYC DOT HIGHWAY
H-1014	TEMPORARY PEDESTRIAN STEEL BARRICADE	NYC DOT HIGHWAY
H-1015	STEEL FACED DROP CURB DRIVEWAYS	NYC DOT HIGHWAY
H-1031	TYPICAL PAVEMENT KEY	NYC DOT HIGHWAY
H-1033	TYPICAL RESURFACING ON ASPHALT PAVEMENT AND/OR WEARING COURSE (LESS THAN FULL WIDTH)	NYC DOT HIGHWAY
H-1034	TYPICAL CONSTRUCTION JOINTS FOR CONCRETE BASE FOR PAVEMENT	NYC DOT HIGHWAY
H-1038	TYPE III BREAKAWAY BARRICADE	NYC DOT HIGHWAY
H-1040	TRANSVERSE CONSTRUCTION JOINTS FOR CONCRETE BASE	NYC DOT HIGHWAY
H-1042A	STANDARD TRENCH OR HOLE RESTORATION IN ACCORDANCE WITH LAW NO. 14	NYC DOT HIGHWAY
H-1042A	CONCRETE CURB	NYC DOT HIGHWAY
H-1045	CONCRETE SIDEWALK	NYC DOT HIGHWAY

DWG NO.	DESCRIPTION	AGENCY
H-1046	STREET TREE PLANTING DETAIL TYPE I	NYC DOT HIGHWAY
H-1046A	PROTECTIVE TREE BARRIER	NYC DOT HIGHWAY
H-1047	TYPICAL CURB DETAIL AT EXISTING TREES	NYC DOT HIGHWAY
H-1049	PLASTIC BARREL	NYC DOT HIGHWAY
H-1053	DETAILS FOR CONSTRUCTING AREAS OF ADJUSTMENT AND TRANSITION SECTIONS	NYC DOT HIGHWAY
H-1054	LIMITS OF MEASUREMENT FOR PAYMENT OF TEMPORARY ASPHALT PAVEMENT	NYC DOT HIGHWAY
H-1055	PAVEMENT KEY TYPE A, B-1, B-2, C	NYC DOT HIGHWAY
H-1056	TYPICAL GRANITE CURB	NYC DOT HIGHWAY
H-1057	TEMPORARY STORAGE AREA	NYC DOT HIGHWAY
MS-1000	NEW YORK CITY, COMPARISON OF DATUM PLANES	NYC DOT HIGHWAY
MS-1001	SIDEWALK PAVEMENT LIMITS	NYC DOT HIGHWAY
TAR-1	ARROWS & SYMBOLS	NYC DOT TRAFFIC
TBUS-1	BUS LANES	NYC DOT TRAFFIC
TCW-1	CROSSWALKS & STOP BARS	NYC DOT TRAFFIC
TRF-2	TYPICAL PLANTED PEDESTRIAN ISLAND	NYC DOT TRAFFIC
TSC-1	STRIPING & CROSS HATCHING	NYC DOT TRAFFIC
TWM-1	WORD MESSAGES	NYC DOT TRAFFIC
SE28A-C	STANDARD FOR 4'-0" DIAMETER PRECAST MANHOLE	NYC DEP SEWER
SE47	STANDARD FOR TYPE 1 CATCH BASIN (WITH CURB PIECE)	NYC DEP SEWER

DWG NO.	DESCRIPTION	AGENCY
SE49	STANDARD FOR TYPE 3 CATCH BASIN	NYC DEP SEWER
10241-A- Z	HYDRANT VALVE BOX, CAST IRON	BUREAU OF WATER SUPPLY
19841-Z- B	STANDARD METHODS FOR RECONSTRUCTING CATCH BASIN CONNECTIONS	BUREAU OF WATER SUPPLY
31050-Z	STANDARD METHODS FOR HYDRANT DRAINAGE, 31050-Z SUPERSEDES 11522-Z	BUREAU OF WATER SUPPLY
44292-B- Z	GRAVEL OR BROKEN STONE BEDDING AND FILTER FABRIC INSTALLATION FOR DUCTILE CAST IRON PIPES	BUREAU OF WATER SUPPLY
45161-A- Z	STANDARD STEEL HYDRANT FENDER	BUREAU OF WATER SUPPLY